

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006887.D
 Acq On : 03 Jan 2019 11:52
 Operator : JC/MD
 Sample : VX0103WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:20 AM

Quant Time: Jan 04 00:45:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	549736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	819302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	363958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	287967	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.51	113	259472	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.71	98	954021	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	335608	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	77494	15.409	ug/l	98
3) Chloromethane	1.33	50	86756	16.012	ug/l	99
4) Vinyl Chloride	1.41	62	95641	16.901	ug/l	100
5) Bromomethane	1.64	94	98355	17.375	ug/l	100
6) Chloroethane	1.71	64	66195	16.894	ug/l	99
7) Trichlorofluoromethane	1.93	101	159872	18.121	ug/l	97
8) Diethyl Ether	2.19	74	65834	18.787	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97654	18.852	ug/l	98
10) Methyl Iodide	2.51	142	133921	18.061	ug/l	99
11) Tert butyl alcohol	3.08	59	134929	102.044	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85364	17.380	ug/l	98
13) Acrolein	2.29	56	71975	80.689	ug/l	97
14) Allyl chloride	2.73	41	159407	19.281	ug/l	98
15) Acrylonitrile	3.15	53	296103	100.859	ug/l	99
16) Acetone	2.45	43	265234	97.439	ug/l	99
17) Carbon Disulfide	2.57	76	180257	13.868	ug/l	98
18) Methyl Acetate	2.78	43	177923	22.229	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	332260	20.381	ug/l	99
20) Methylene Chloride	2.85	84	104902	18.637	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	92794	17.051	ug/l	99
22) Diisopropyl ether	3.87	45	312736	20.677	ug/l	95
23) Vinyl Acetate	3.82	43	1226083	99.103	ug/l	98
24) 1,1-Dichloroethane	3.70	63	170041	18.833	ug/l	97
25) 2-Butanone	4.70	43	378669	98.898	ug/l	98
26) 2,2-Dichloropropane	4.59	77	129232	18.529	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	113592	18.918	ug/l	99
28) Bromochloromethane	5.02	49	78103	19.386	ug/l	99
29) Tetrahydrofuran	5.15	42	251468	99.716	ug/l	98
30) Chloroform	5.22	83	178411	19.081	ug/l	98
31) Cyclohexane	5.57	56	137234	16.731	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	149408	18.924	ug/l	98
36) 1,1-Dichloropropene	5.80	75	120407	17.744	ug/l	100
37) Ethyl Acetate	4.85	43	144584	20.472	ug/l	99
38) Carbon Tetrachloride	5.77	117	124245	18.840	ug/l	96

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Manual Integrations
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MMDadoda
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Quant Time: Jan 04 00:45:35 2019
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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148702	16.645	ug/l	97
40) Benzene	6.14	78	394591	19.130	ug/l	100
41) Methacrylonitrile	5.06	41	80922	21.581	ug/l	98
42) 1,2-Dichloroethane	6.20	62	135739	19.313	ug/l	100
43) Isopropyl Acetate	6.46	43	228380	21.252	ug/l	99
44) Trichloroethene	7.21	130	114307	18.310	ug/l	100
45) 1,2-Dichloropropane	7.52	63	101643	20.250	ug/l	96
46) Dibromomethane	7.66	93	71607	19.395	ug/l	98
47) Bromodichloromethane	7.90	83	119026	19.418	ug/l	100
48) Methyl methacrylate	7.77	41	115119	21.066	ug/l	97
49) 1,4-Dioxane	7.75	88	55377	374.872	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	729957	106.758	ug/l	97
52) Toluene	8.78	92	252936	18.981	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132880	20.213	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	145991	20.239	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	110011	20.169	ug/l	96
56) Ethyl methacrylate	9.18	69	154982	20.104	ug/l	95
57) 1,3-Dichloropropane	9.37	76	174476	19.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	429065	104.705	ug/l	100
59) 2-Hexanone	9.49	43	537990	102.837	ug/l	100
60) Dibromochloromethane	9.58	129	103820	19.677	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116674	20.123	ug/l	98
64) Tetrachloroethene	9.34	164	117626	20.542	ug/l	98
65) Chlorobenzene	10.14	112	293907	19.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102278	21.428	ug/l	100
67) Ethyl Benzene	10.25	91	472004	18.881	ug/l	100
68) m/p-Xylenes	10.36	106	375620	38.078	ug/l	98
69) o-Xylene	10.69	106	187089	19.206	ug/l	98
70) Styrene	10.71	104	296052	19.211	ug/l	99
71) Bromoform	10.86	173	74483	20.217	ug/l	99
73) Isopropylbenzene	11.02	105	491588	19.743	ug/l	98
74) N-amyl acetate	10.90	43	198226	22.242	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	157253	21.236	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	146936m	21.724	ug/l	
77) Bromobenzene	11.26	156	134551	19.988	ug/l	98
78) n-propylbenzene	11.36	91	537013	19.585	ug/l	99
79) 2-Chlorotoluene	11.42	91	323259	19.455	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	404755	19.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36863	19.414	ug/l	94
82) 4-Chlorotoluene	11.51	91	372747	19.557	ug/l	100
83) tert-Butylbenzene	11.77	119	401175	19.545	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	414953	19.236	ug/l	100
85) sec-Butylbenzene	11.94	105	483702	19.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	432560	19.554	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235791	19.435	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	237238	19.075	ug/l	98
89) n-Butylbenzene	12.39	91	357731	19.001	ug/l	99
90) Hexachloroethane	12.60	117	59027	19.219	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	237066	19.534	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31102	20.299	ug/l	96

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ClientSampleId :
VX0103WBS01

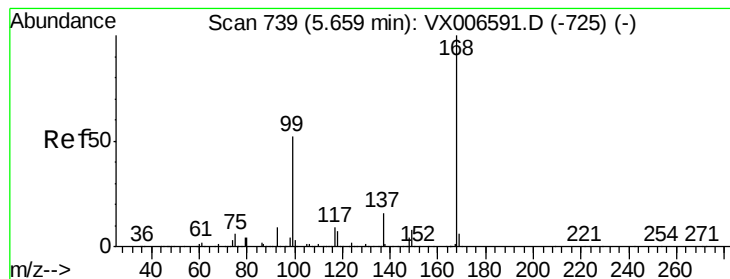
Manual Integrations
APPROVED

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1/4/2019 10:01:20 AM

Quant Time: Jan 04 00:45:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159322	19.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	69202	17.538	ug/l	99
95) Naphthalene	13.83	128	501351	18.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	157492	18.221	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion:168 Resp: 549736

Ion Ratio Lower Upper

168 100

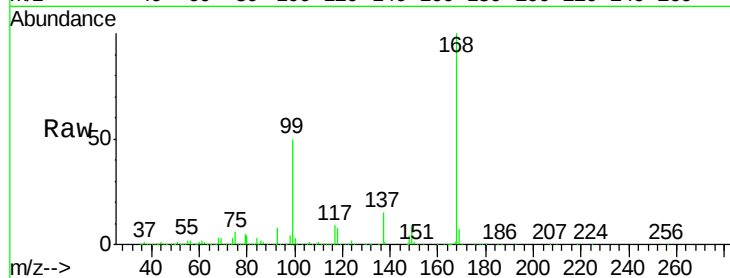
99 49.6 41.8 62.8

Manual Integrations

APPROVED

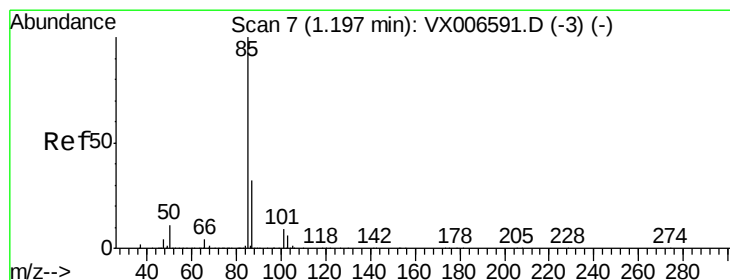
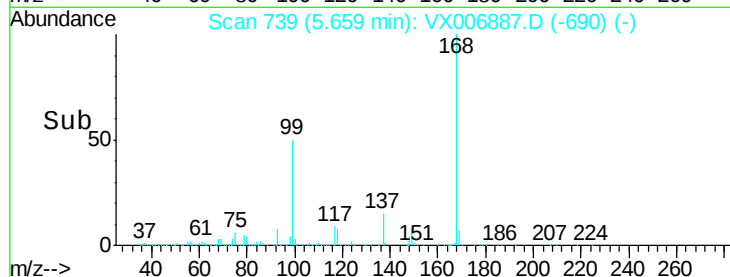
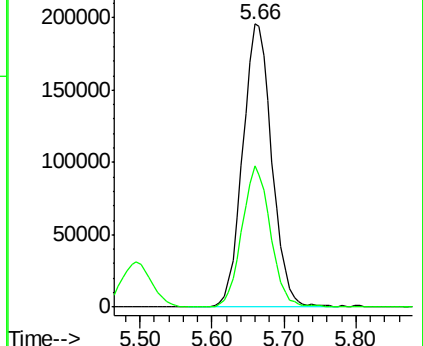
MMDadoda

1/4/2019 10:01:20 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.409 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006887.D

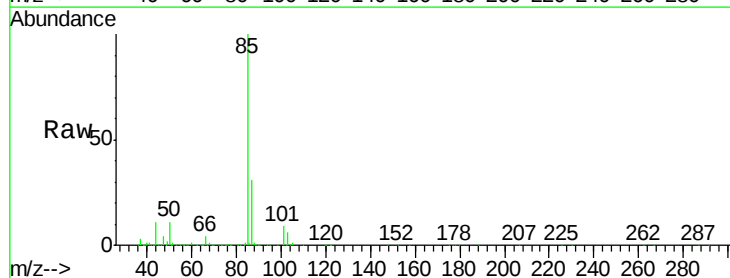
Acq: 03 Jan 2019 11:52

Tgt Ion: 85 Resp: 77494

Ion Ratio Lower Upper

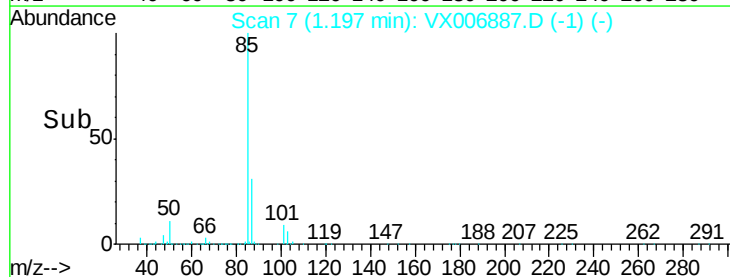
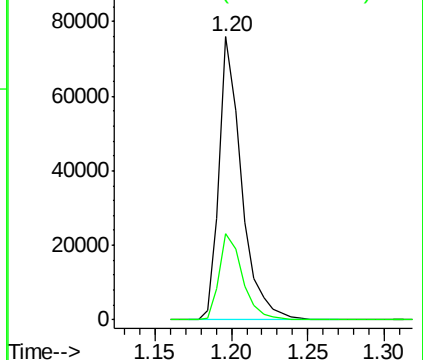
85 100

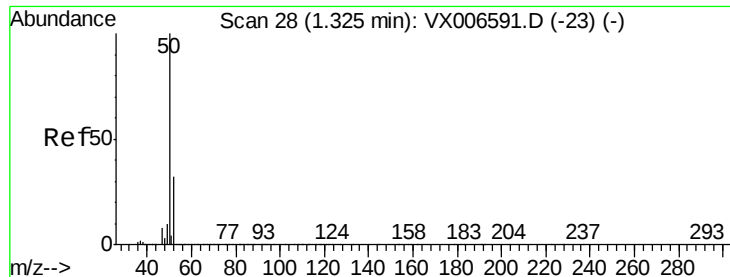
87 30.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.012 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 50 Resp: 86756

Ion Ratio Lower Upper

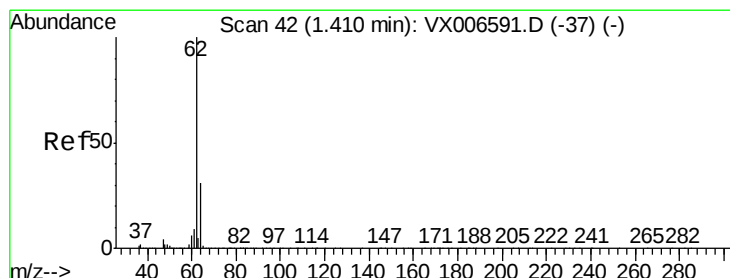
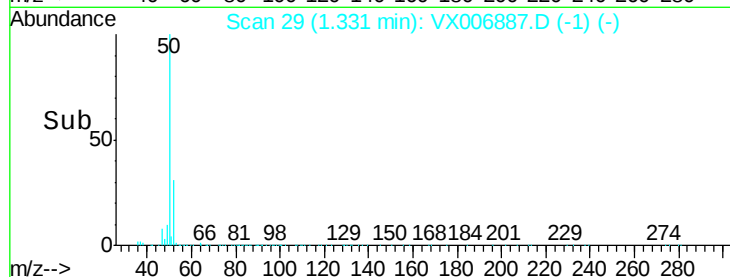
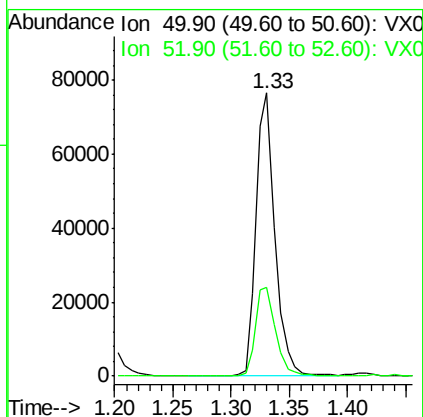
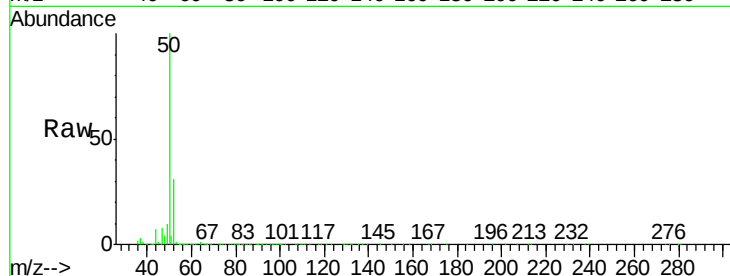
50 100

52 31.3 25.4 38.2

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#4

Vinyl Chloride

Concen: 16.901 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006887.D

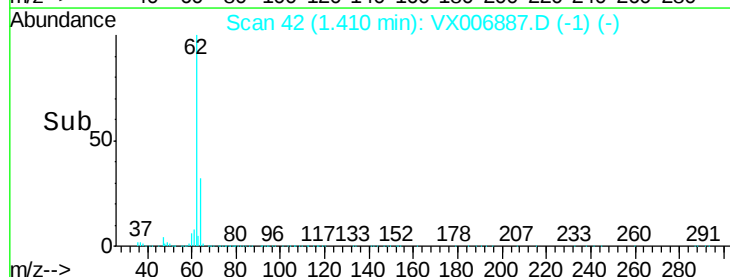
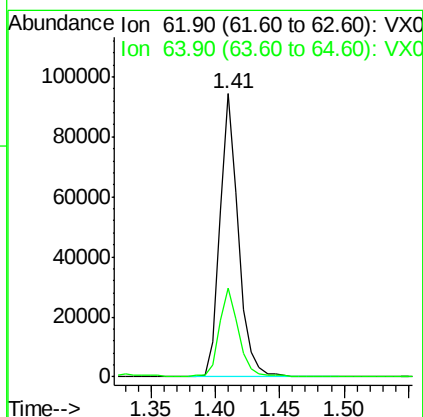
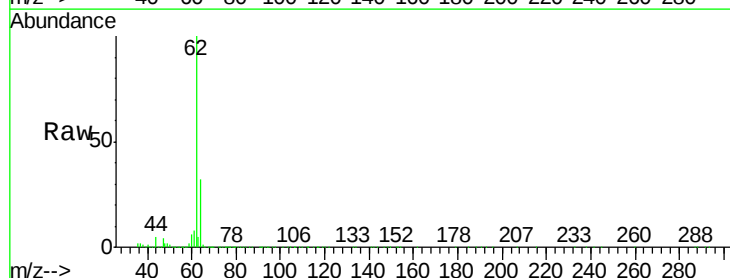
Acq: 03 Jan 2019 11:52

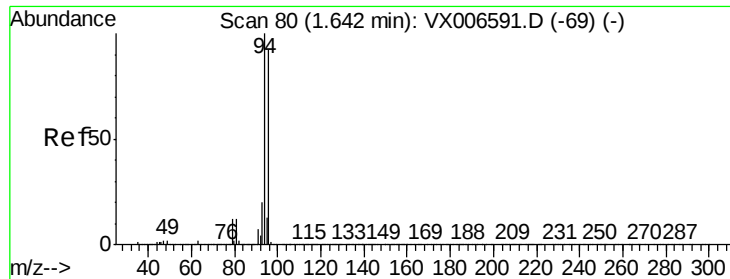
Tgt Ion: 62 Resp: 95641

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 17.375 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion: 94 Resp: 98355

Ion Ratio Lower Upper

94 100

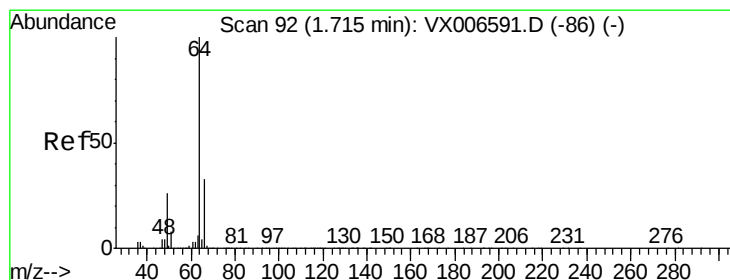
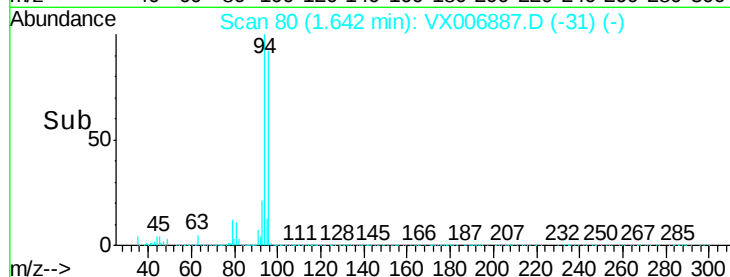
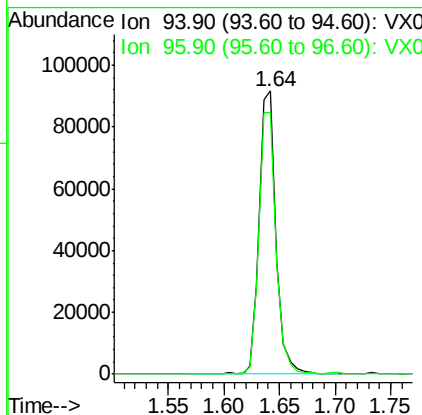
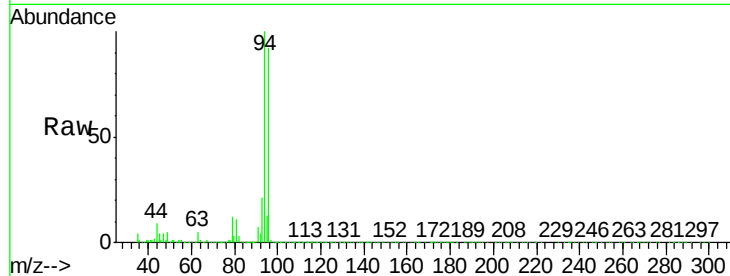
96 92.2 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 16.894 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006887.D

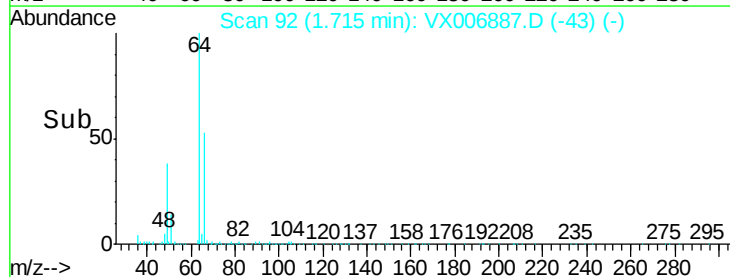
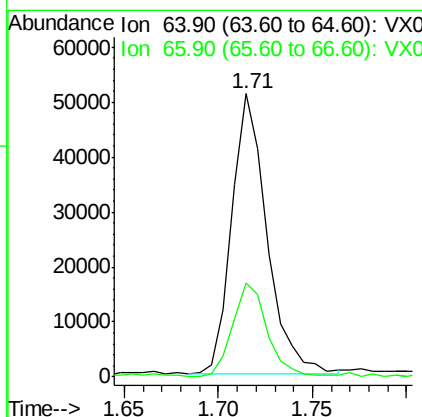
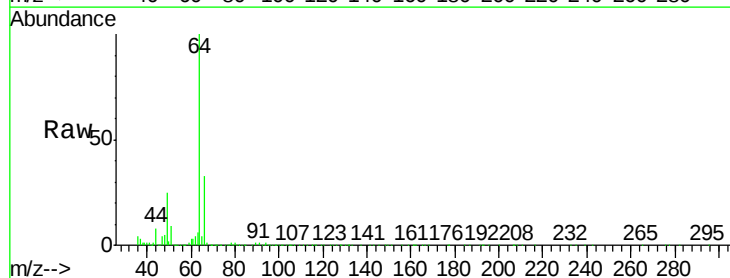
Acq: 03 Jan 2019 11:52

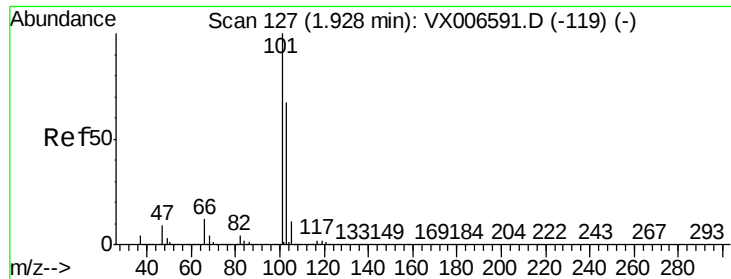
Tgt Ion: 64 Resp: 66195

Ion Ratio Lower Upper

64 100

66 33.3 26.4 39.6





#7

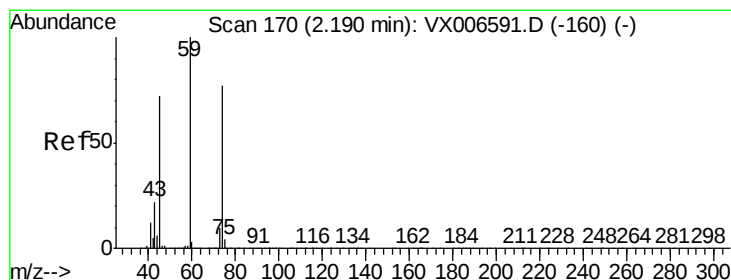
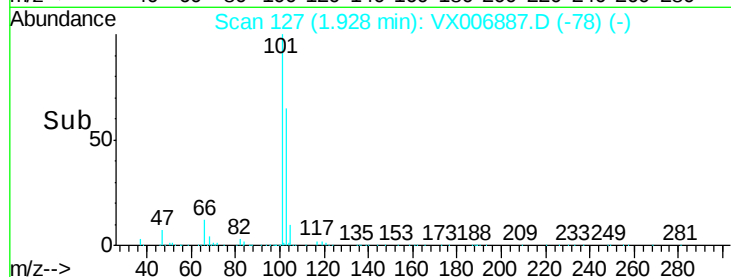
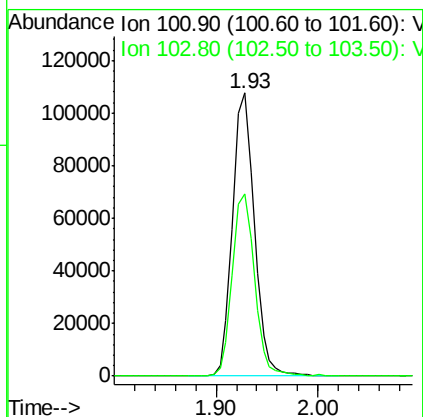
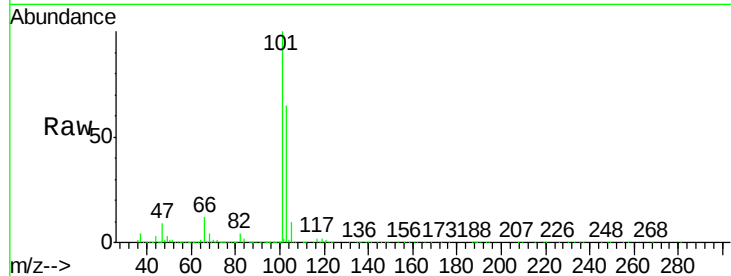
Trichlorofluoromethane
Concen: 18.121 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.4	53.2	79.8	

Manual Integrations
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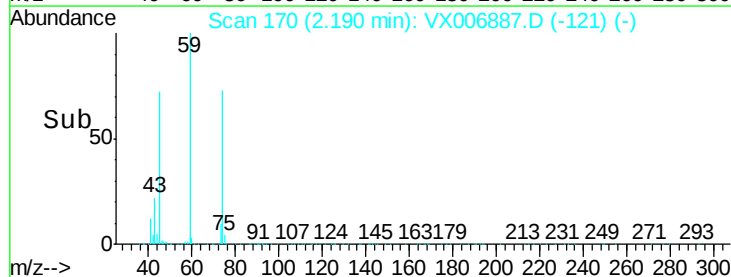
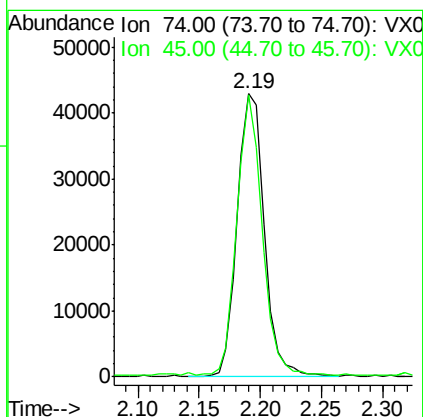
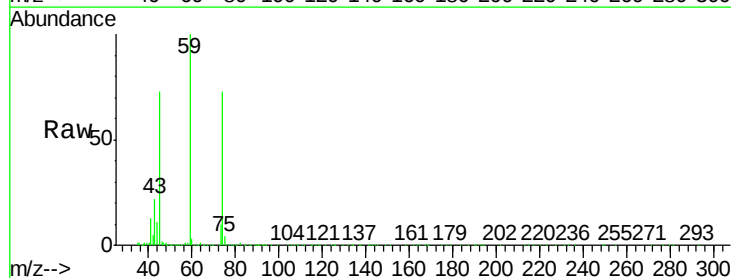
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1/4/2019 10:01:20 AM

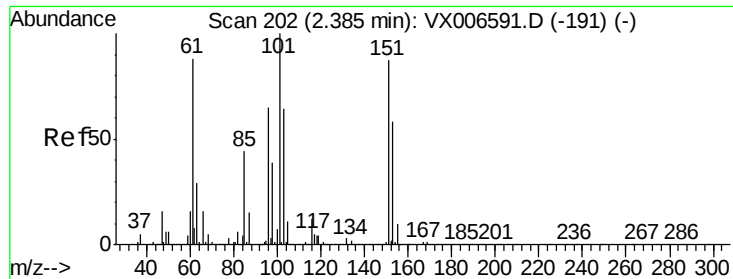


#8

Diethyl Ether
Concen: 18.787 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	91.7	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.852 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

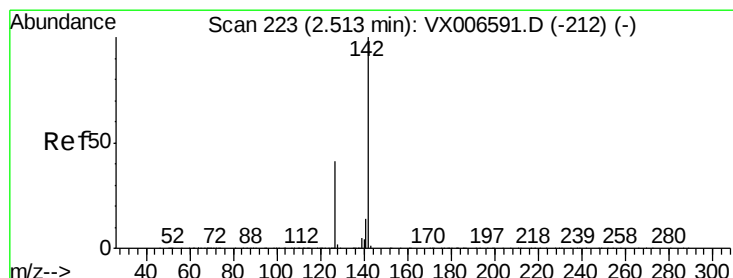
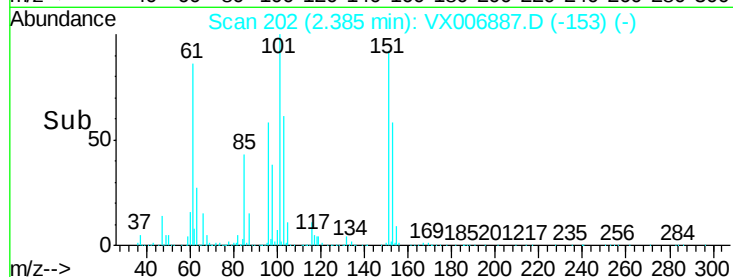
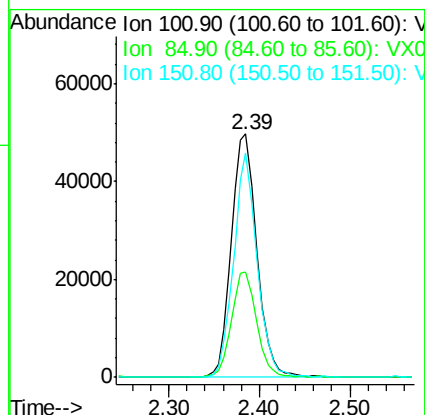
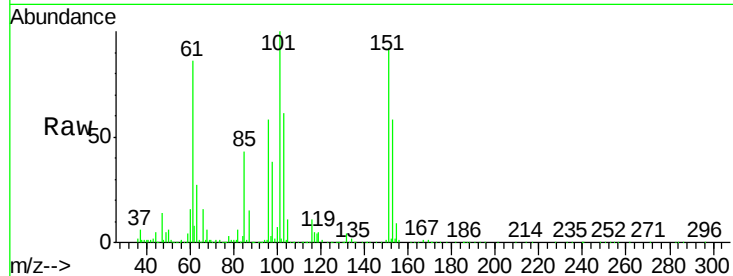
ClientSampled :

VX0103WBS01

Tot Ion:	101	Resp:	97654
Ion Ratio	Lower	Upper	
101	100		
85	41.9	35.1	52.7
151	84.7	68.9	103.3

Manual Integrations
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1/4/2019 10:01:20 AM



#10

Methyl Iodide

Concen: 18.061 ug/l

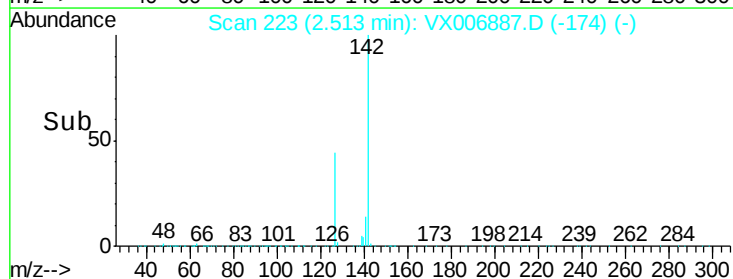
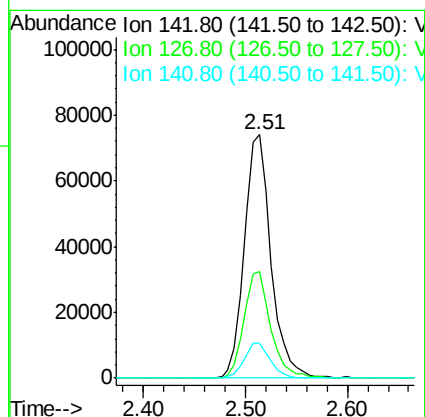
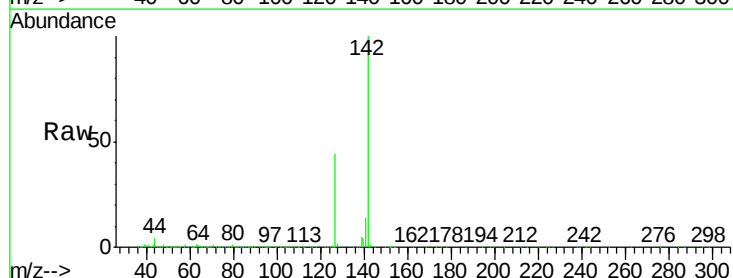
RT: 2.51 min Scan# 223

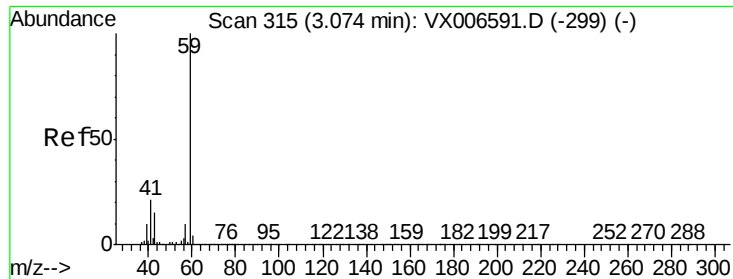
Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	142	Resp:	133921
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.9	50.9
141	14.1	11.4	17.0





#11

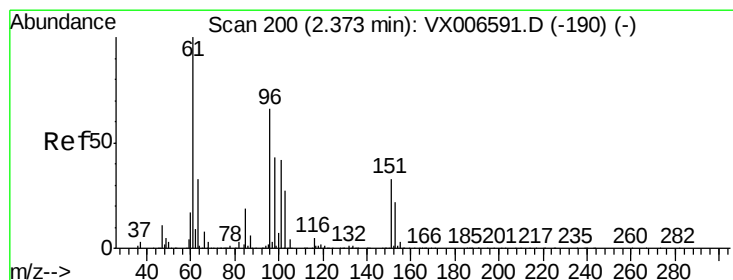
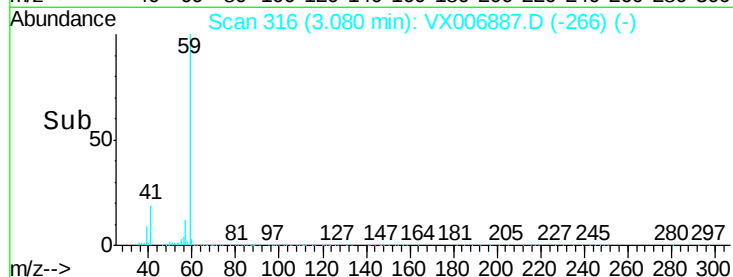
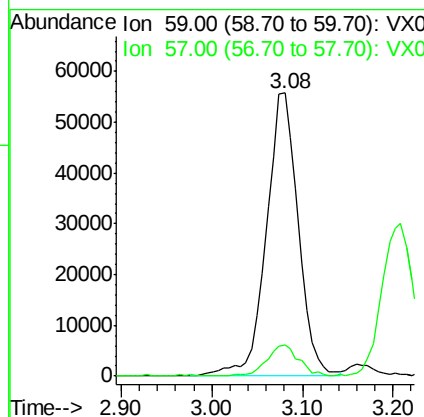
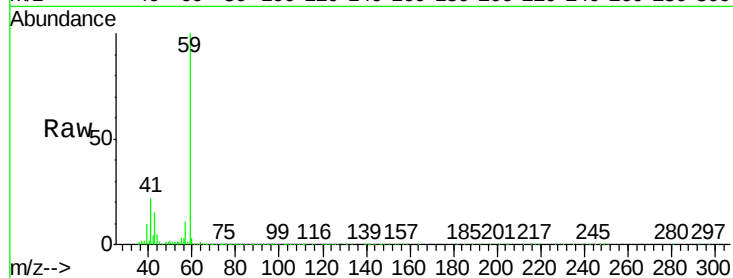
Tert butyl alcohol
Concen: 102.044 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.5	12.7

Manual Integrations
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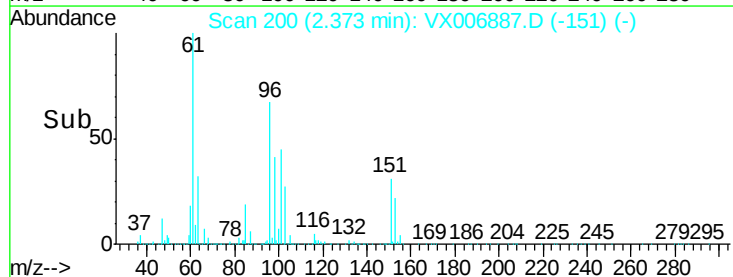
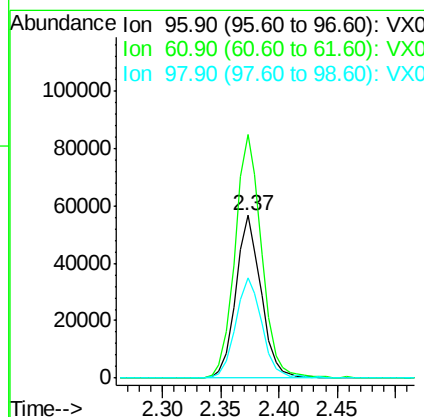
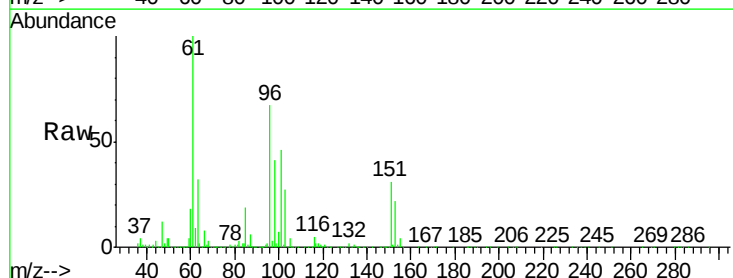
MMDadoda
1/4/2019 10:01:20 AM

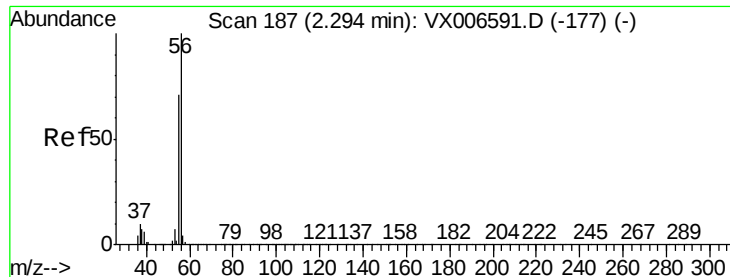


#12

1,1-Dichloroethene
Concen: 17.380 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.1	121.4	182.2
98	61.5	51.9	77.9





#13

Acrolein

Concen: 80.689 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 56 Resp: 71975

Ion Ratio Lower Upper

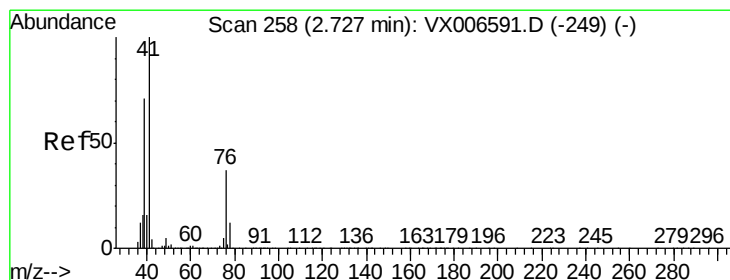
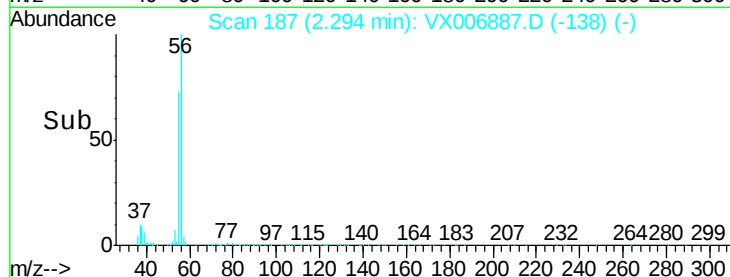
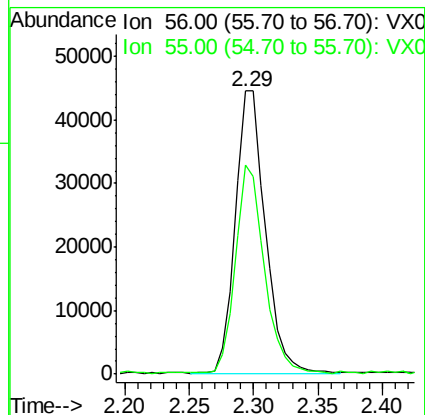
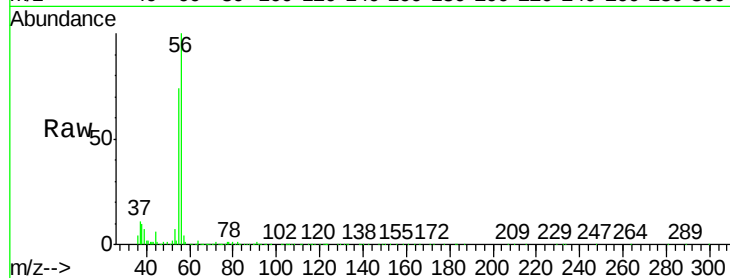
56 100

55 70.7 58.2 87.4

Manual Integrations
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MMDadoda

1/4/2019 10:01:20 AM



#14

Allyl chloride

Concen: 19.281 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

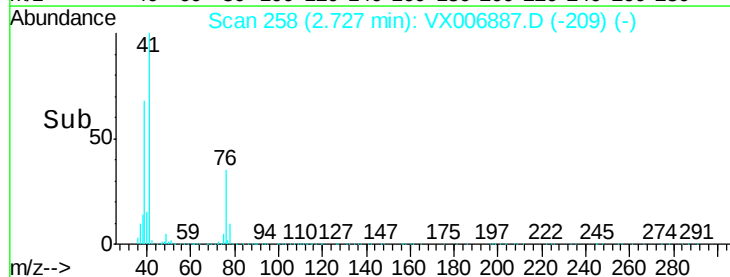
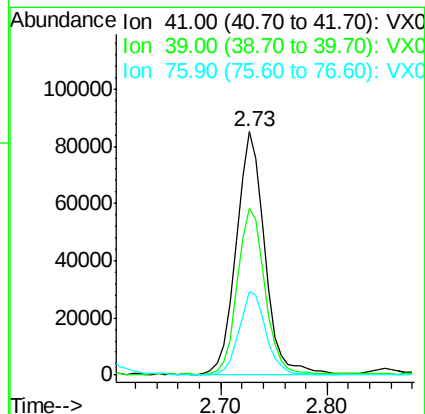
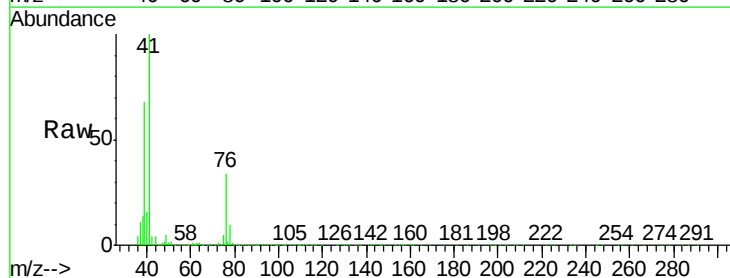
Tgt Ion: 41 Resp: 159407

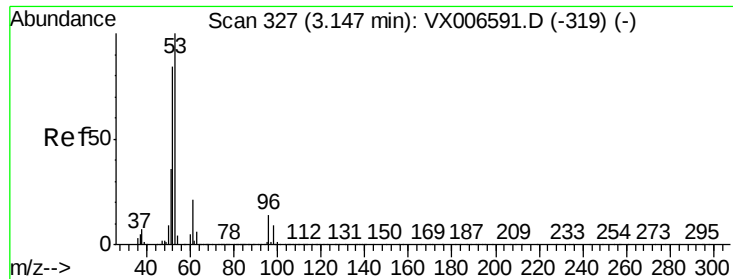
Ion Ratio Lower Upper

41 100

39 66.0 53.6 80.4

76 32.3 27.4 41.2





#15

Acrylonitrile

Concen: 100.859 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

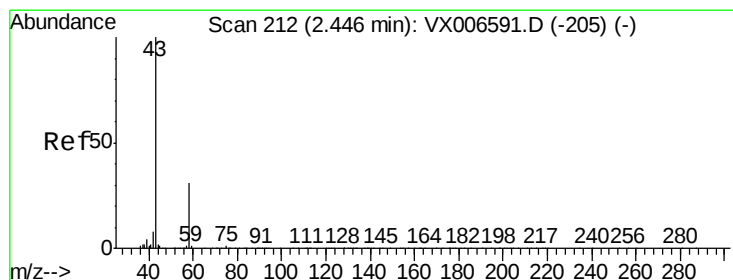
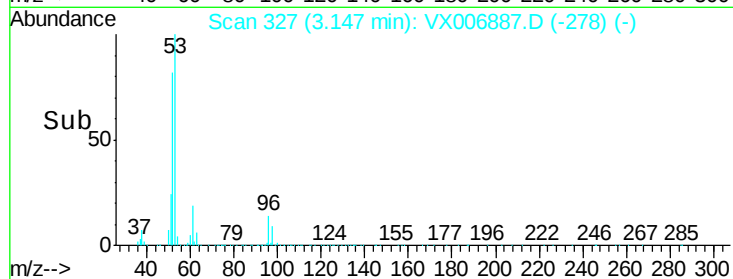
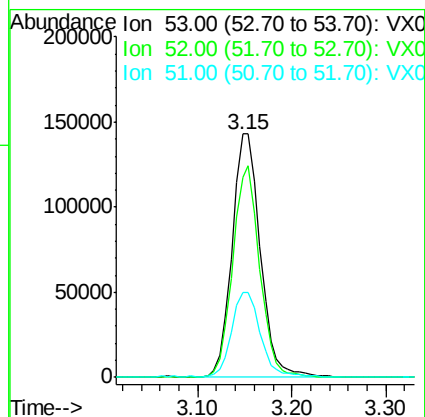
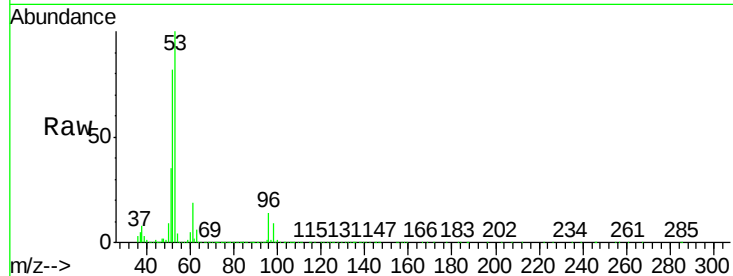
ClientSampleId :

VX0103WBS01

Tot Ion:	53	Resp:	296103
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.0	99.0
51	35.7	28.6	42.8

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 97.439 ug/l

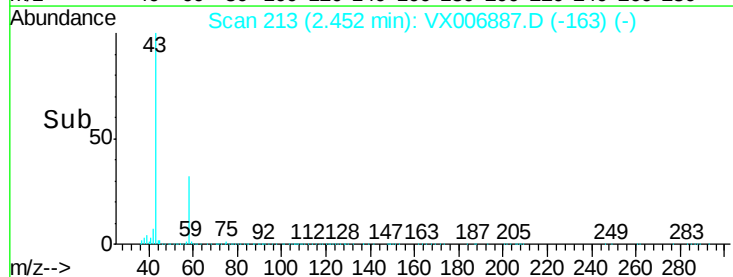
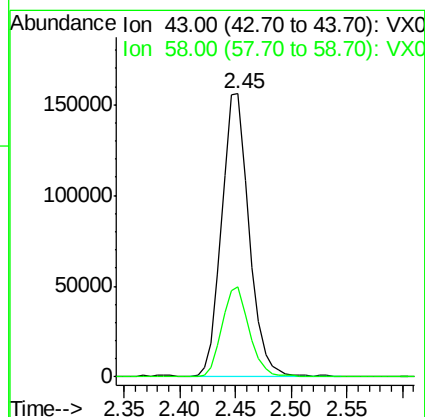
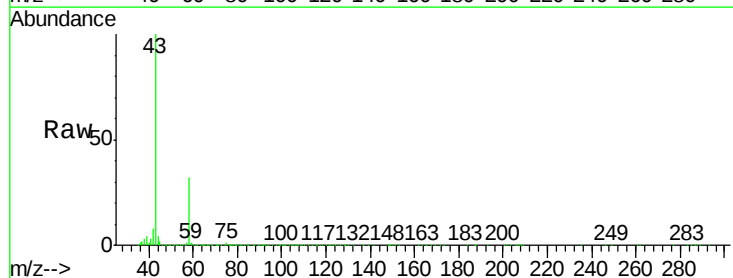
RT: 2.45 min Scan# 213

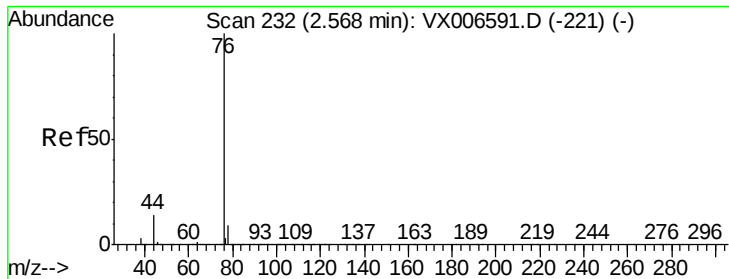
Delta R.T. 0.01 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	43	Resp:	265234
Ion Ratio		Lower	Upper
43	100		
58	31.9	25.0	37.6





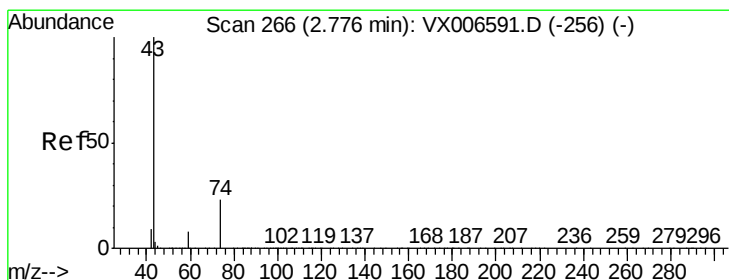
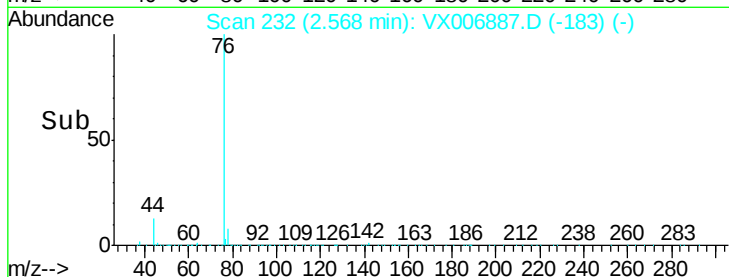
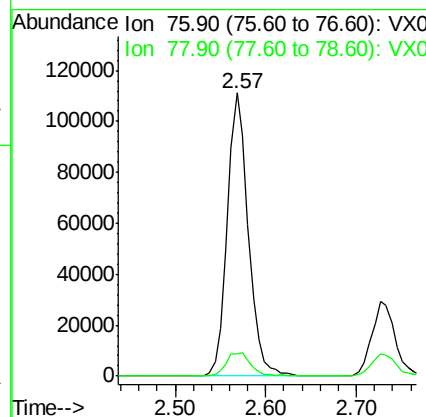
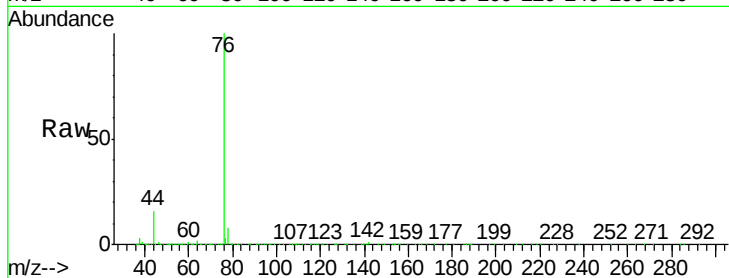
#17
Carbon Disulfide
Concen: 13.868 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.0	10.6

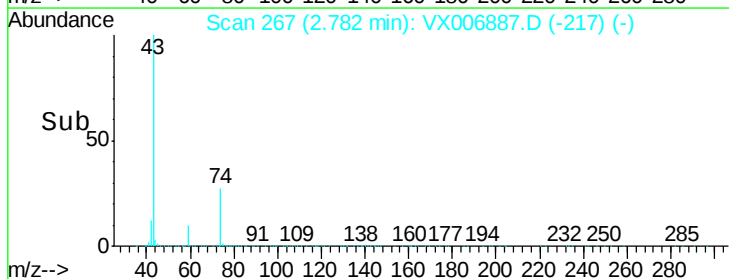
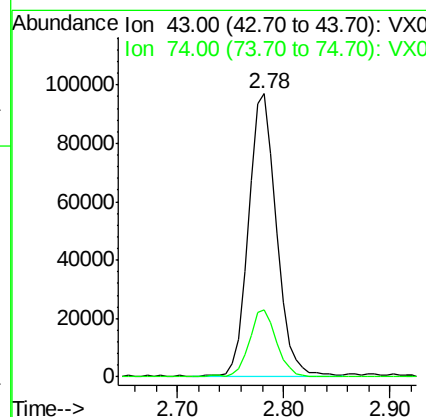
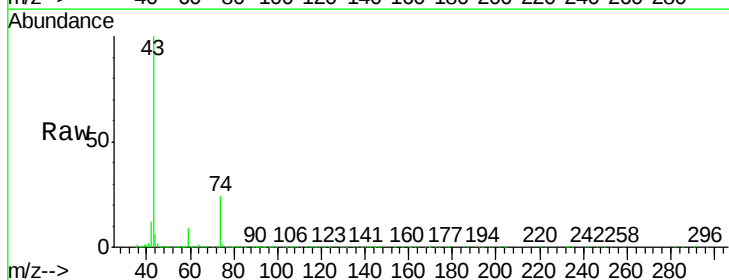
Manual Integrations
APPROVED

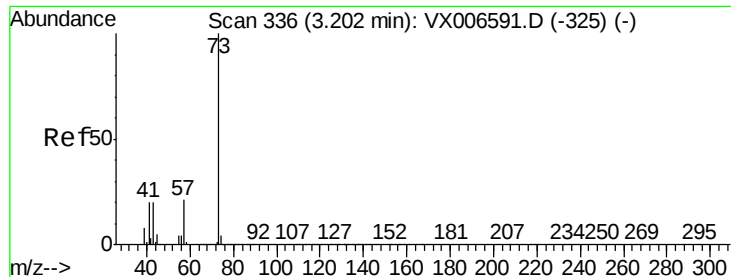
MMDadoda
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#18
Methyl Acetate
Concen: 22.229 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	28.0





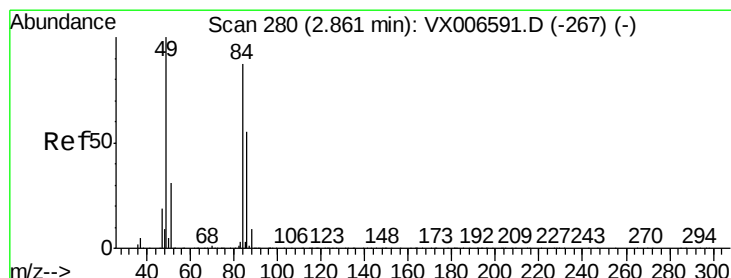
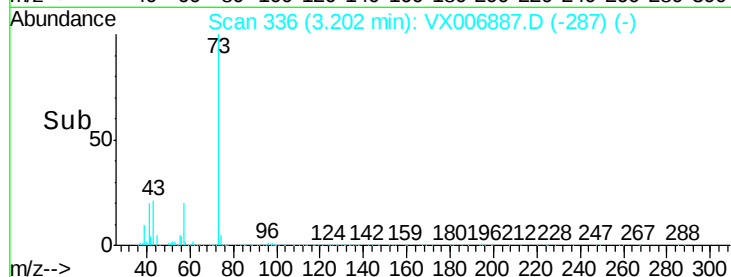
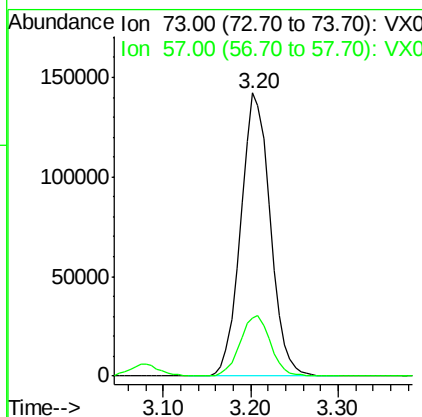
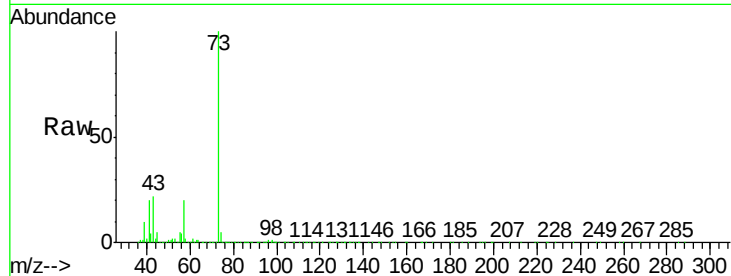
#19
Methyl tert-butyl Ether
Concen: 20.381 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.8	25.2

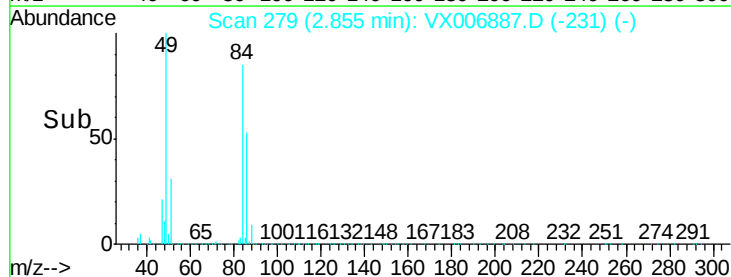
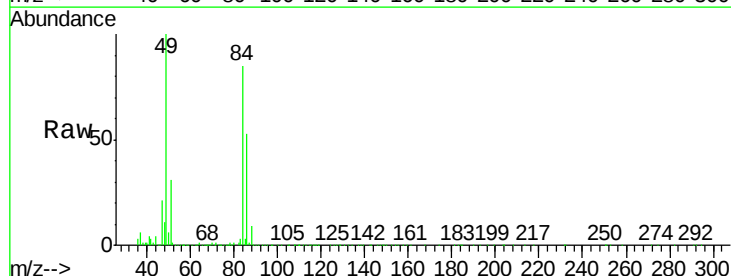
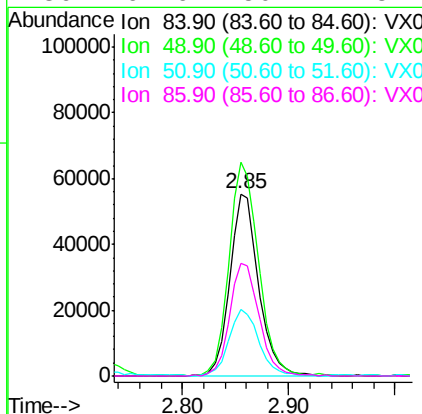
Manual Integrations
APPROVED

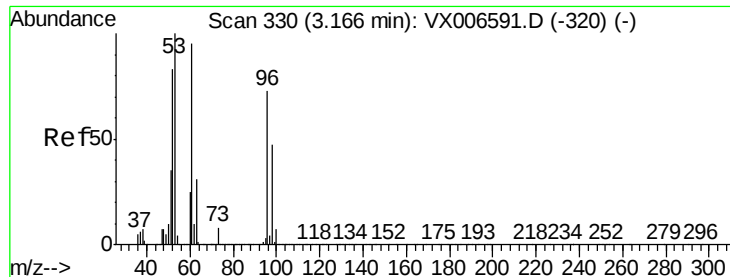
MMDadoda
1/4/2019 10:01:20 AM



#20
Methylene Chloride
Concen: 18.637 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.1	91.8	137.6
51	36.1	28.5	42.7
86	61.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.051 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

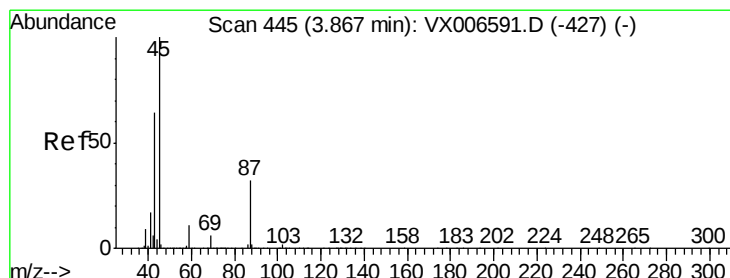
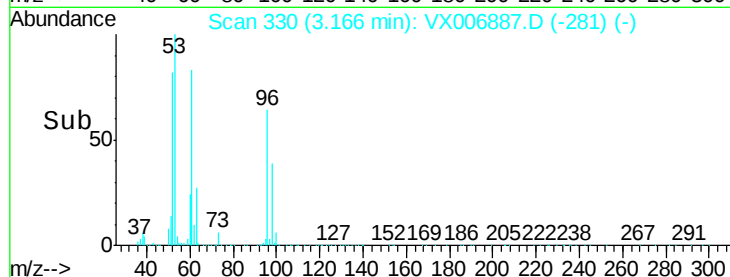
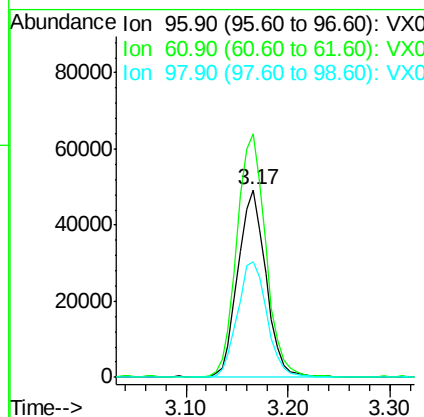
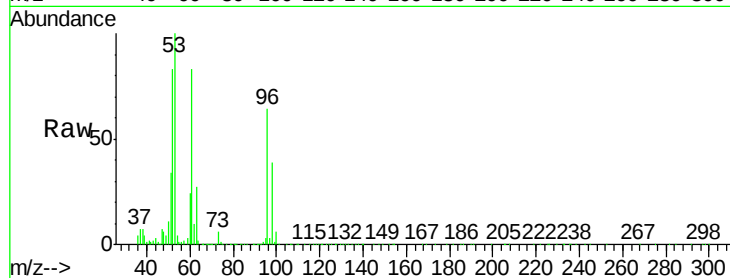
ClientSampleId :

VX0103WBS01

Tot Ion:	96	Resp:	92794
Ion	Ratio	Lower	Upper
96	100		
61	130.0	103.7	155.5
98	61.5	51.0	76.6

Manual Integrations
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MMDadoda
1/4/2019 10:01:20 AM



#22

Diisopropyl ether

Concen: 20.677 ug/l

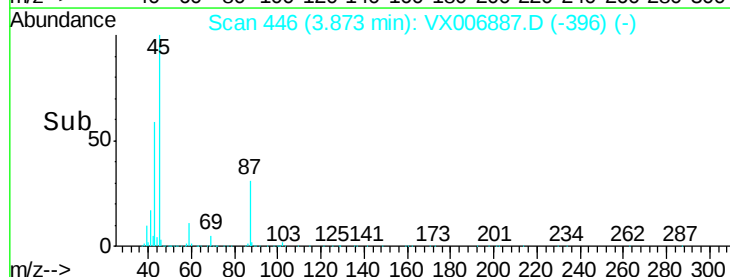
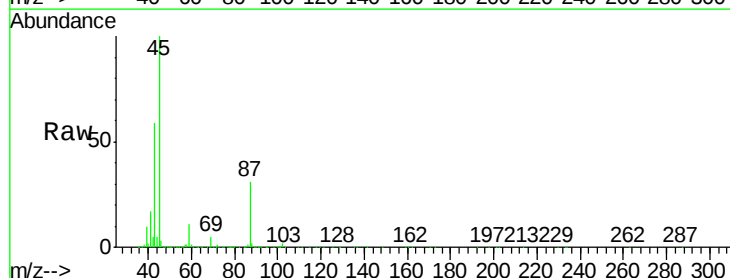
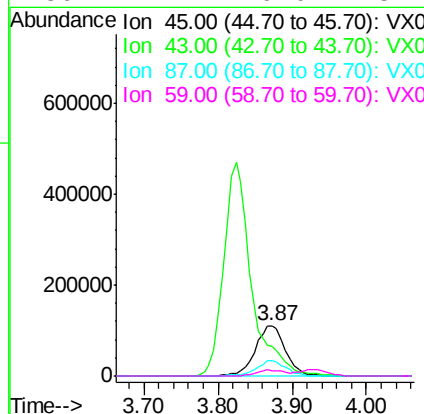
RT: 3.87 min Scan# 446

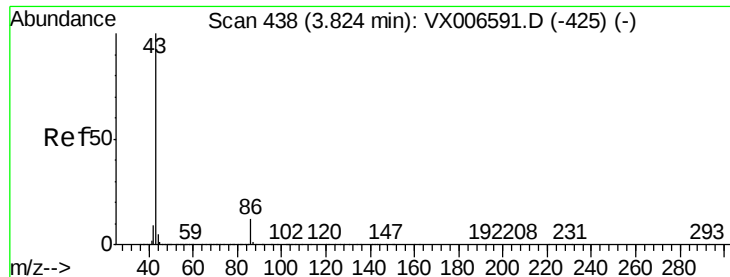
Delta R.T. 0.01 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	45	Resp:	312736
Ion	Ratio	Lower	Upper
45	100		
43	58.6	51.2	76.8
87	30.7	25.8	38.6
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 99.103 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion: 43 Resp: 1226083

Ion Ratio Lower Upper

43 100

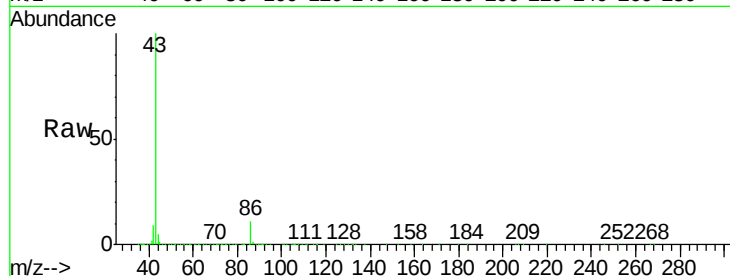
86 10.8 9.2 13.8

Manual Integrations

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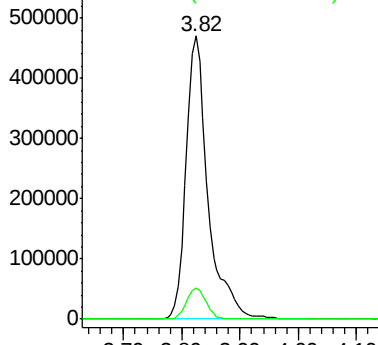
MMDadoda

1/4/2019 10:01:20 AM

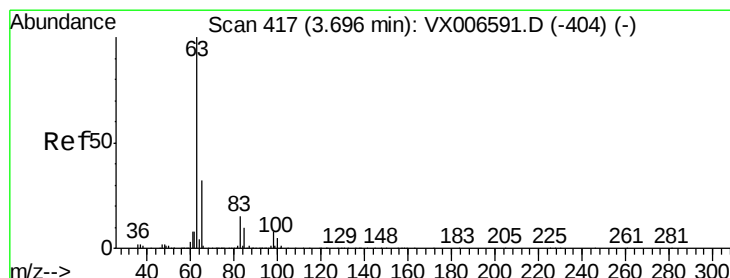
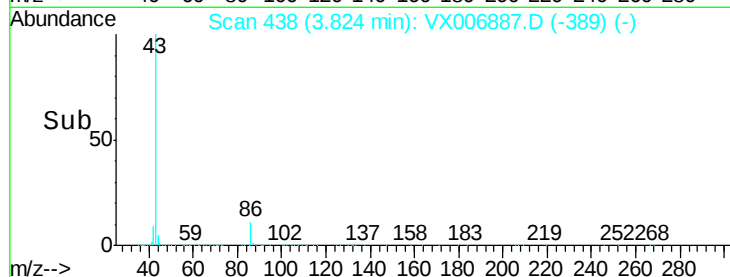


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 18.833 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

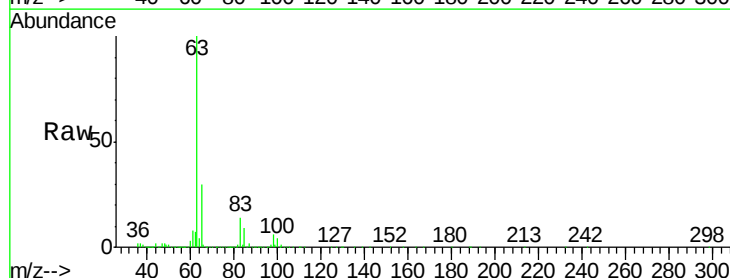
Tgt Ion: 63 Resp: 170041

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

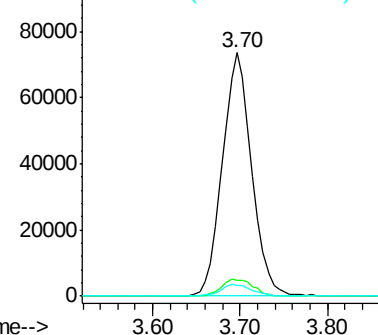
100 4.2 2.4 7.2



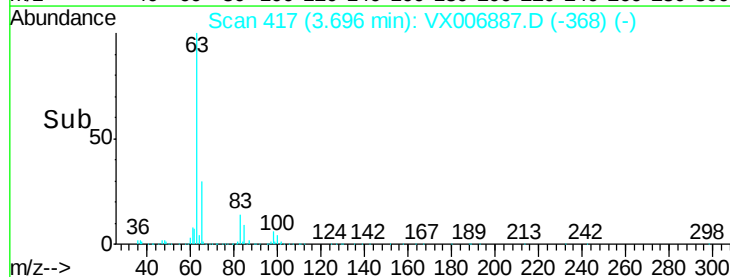
Abundance Ion 62.90 (62.60 to 63.60): VX0

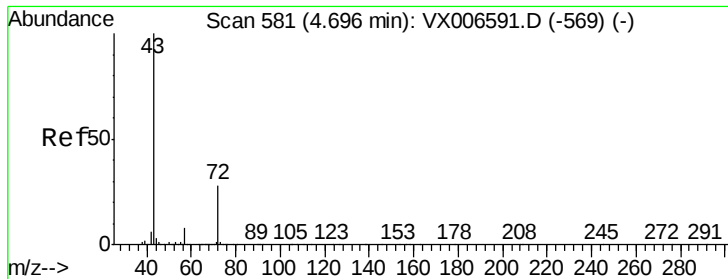
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 98.898 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion: 43 Resp: 378669

Ion Ratio Lower Upper

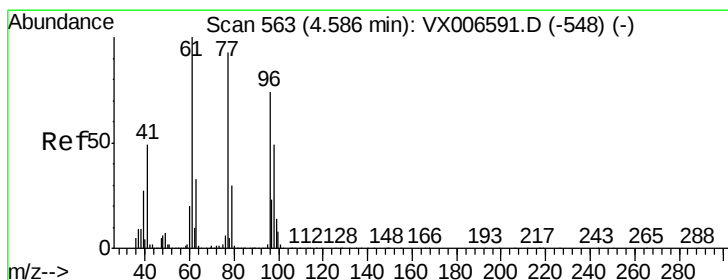
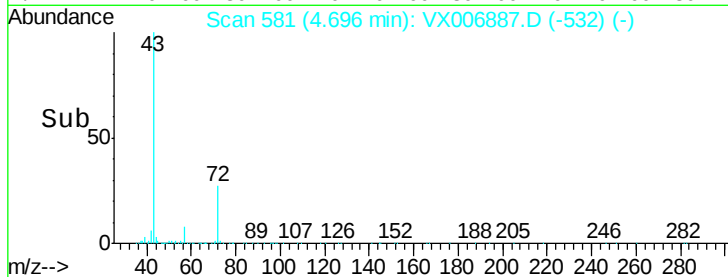
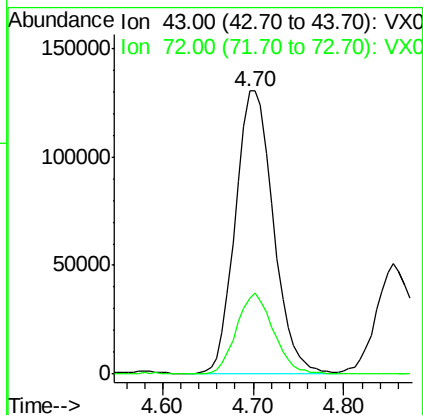
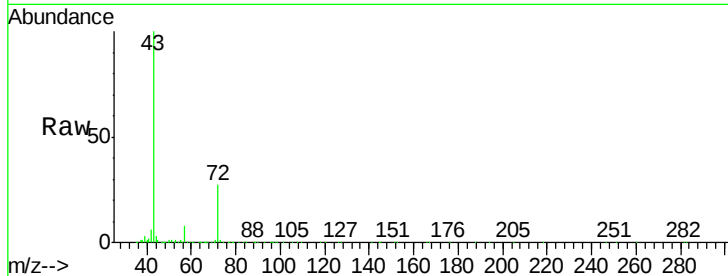
43 100

72 26.8 22.4 33.6

Manual Integrations
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1/4/2019 10:01:20 AM



#26

2,2-Dichloropropane

Concen: 18.529 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006887.D

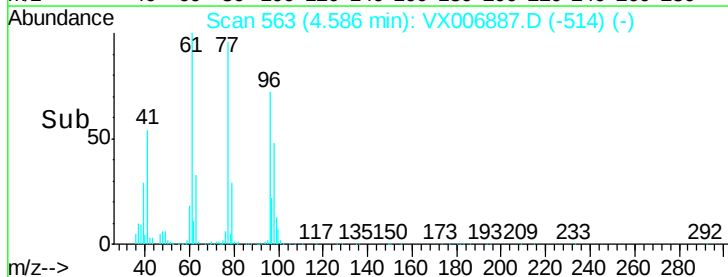
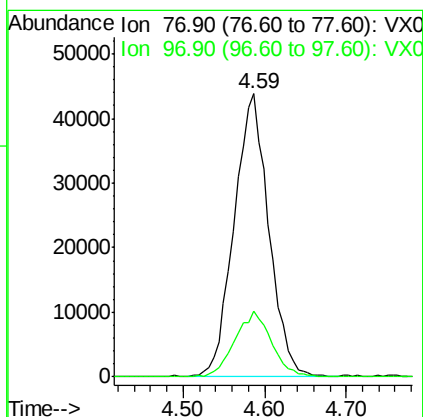
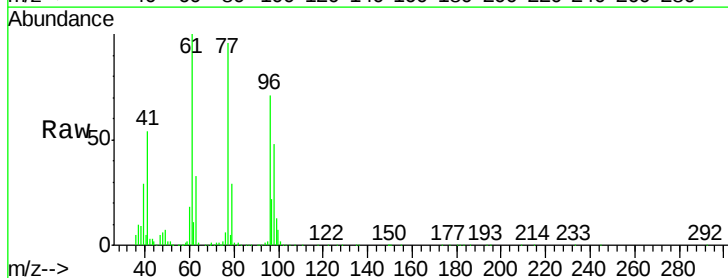
Acq: 03 Jan 2019 11:52

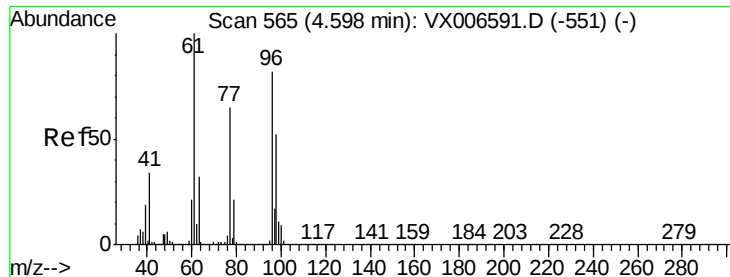
Tgt Ion: 77 Resp: 129232

Ion Ratio Lower Upper

77 100

97 24.5 12.4 37.4





#27

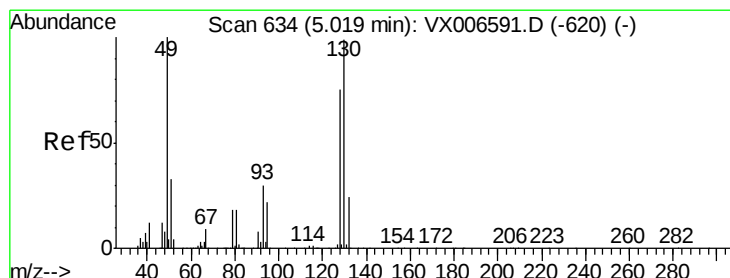
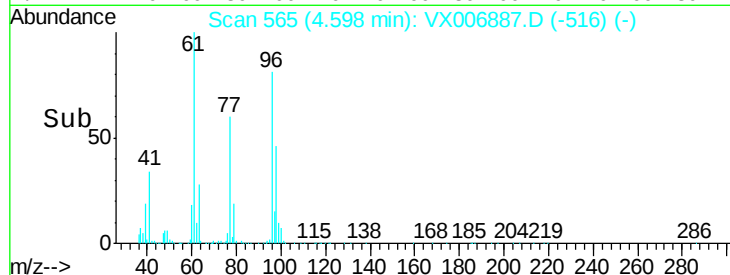
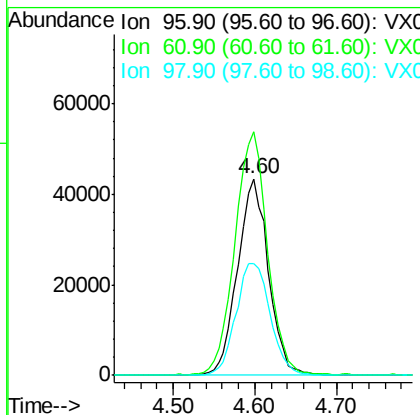
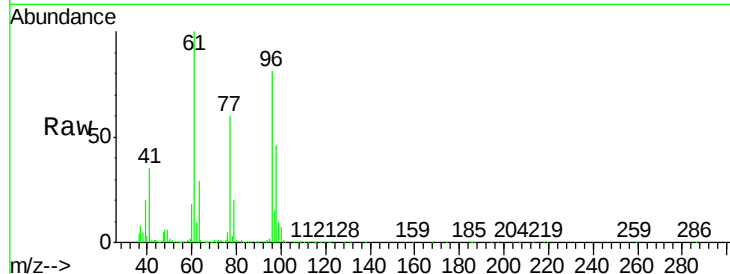
cis-1,2-Dichloroethene
Concen: 18.918 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113592		
61	130.2	0.0	258.6	
98	63.9	0.0	132.0	

Manual Integrations
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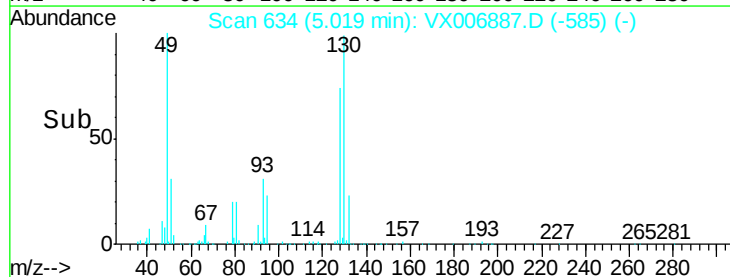
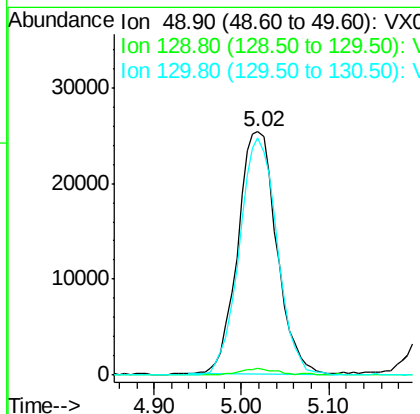
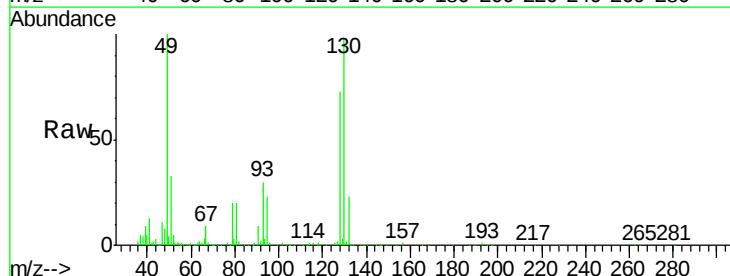
MMDadoda
1/4/2019 10:01:20 AM

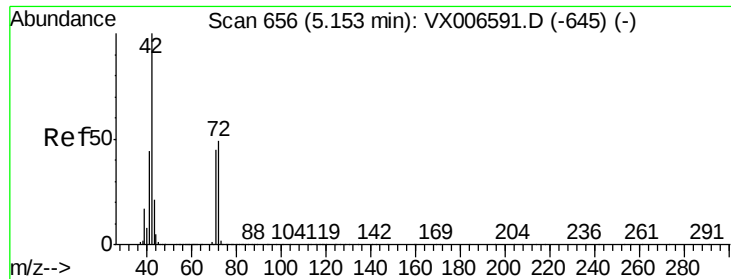


#28

Bromochloromethane
Concen: 19.386 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78103		
129	2.5	0.0	5.4	
130	95.7	77.7	116.5	





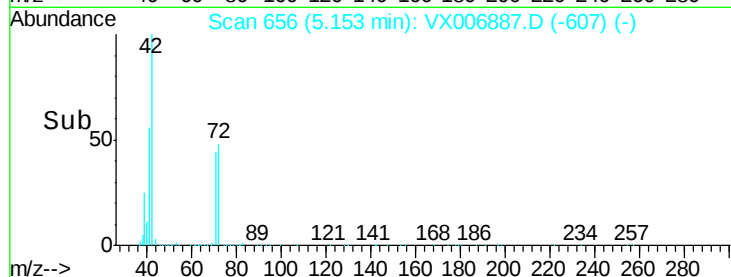
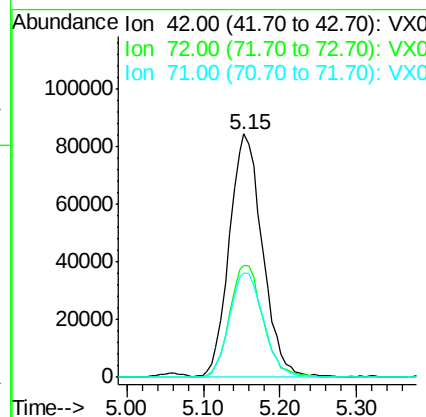
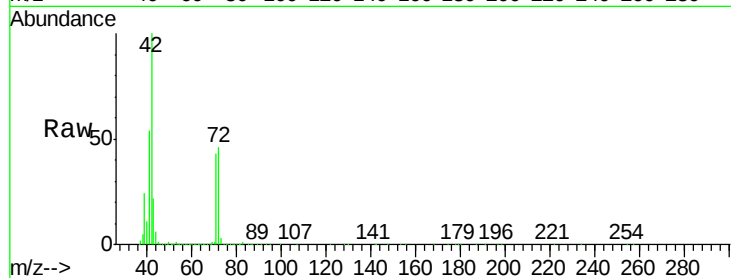
#29
Tetrahydrofuran
Concen: 99.716 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	38.9	58.3
71	44.6	36.2	54.4

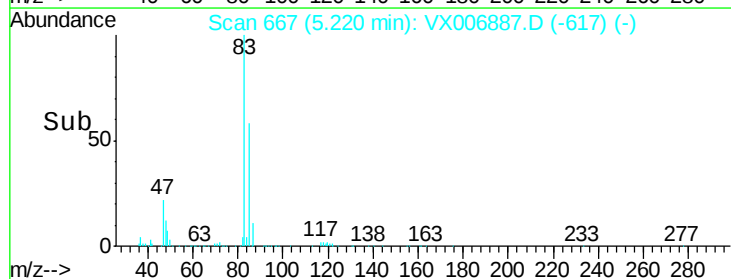
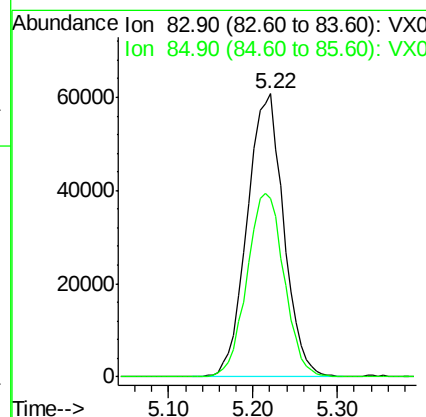
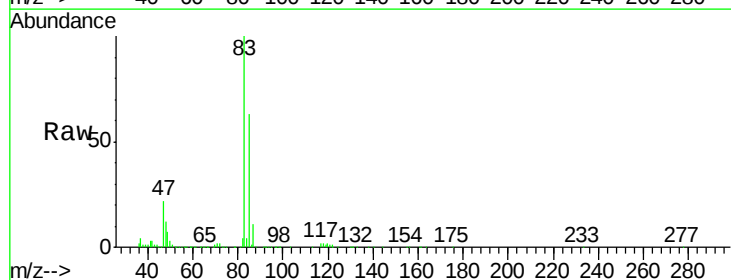
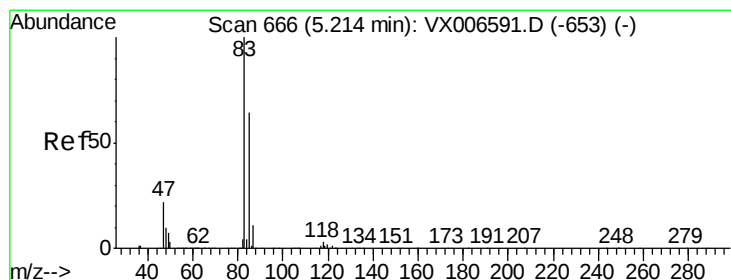
Manual Integrations
APPROVED

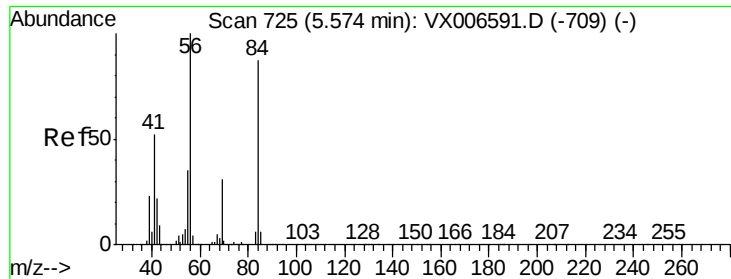
MMDadoda
1/4/2019 10:01:20 AM



#30
Chloroform
Concen: 19.081 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8





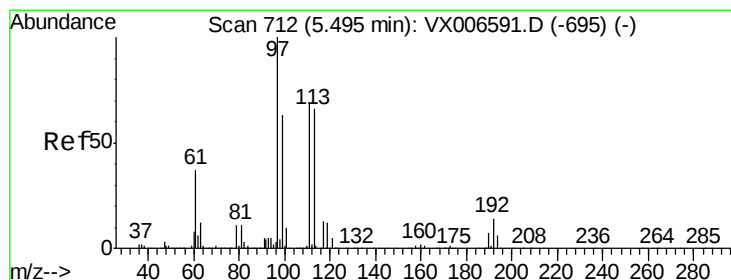
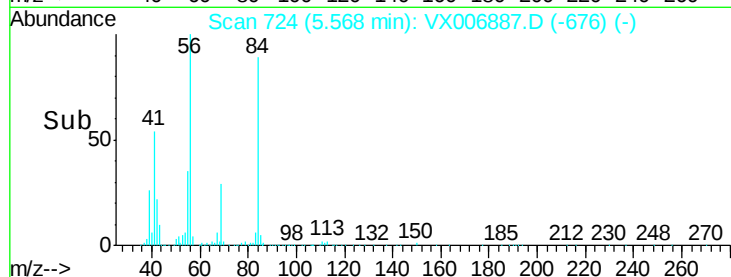
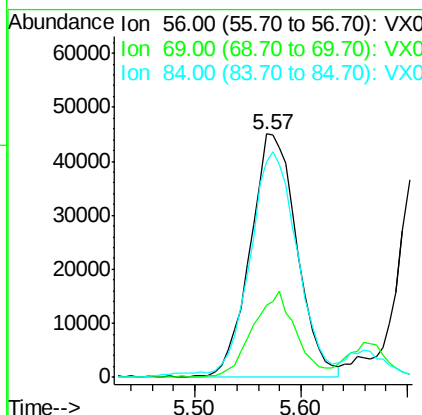
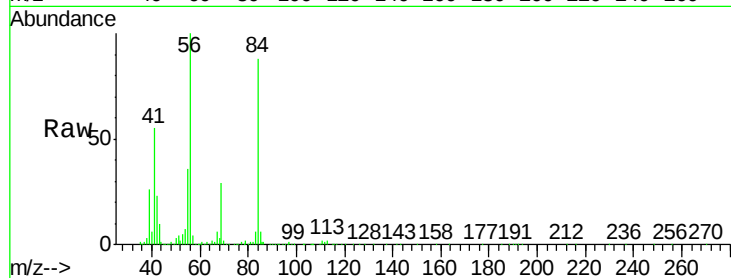
#31
Cyclohexane
Concen: 16.731 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.4	36.6
84	86.7	70.0	105.0

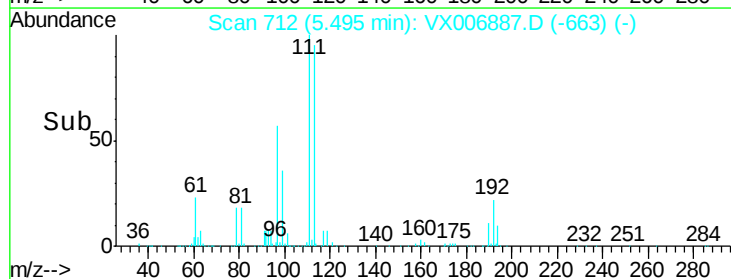
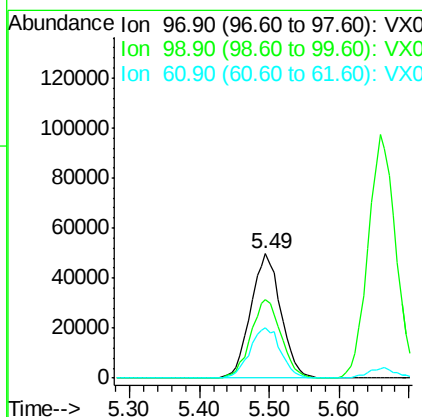
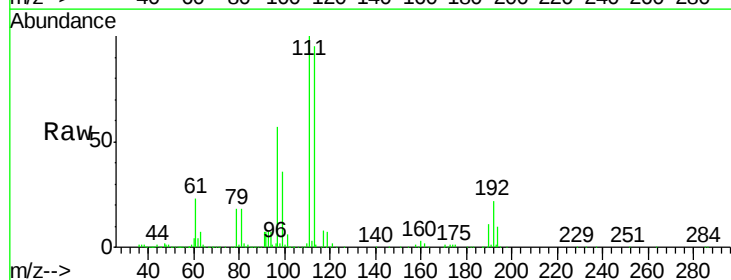
Manual Integrations
APPROVED

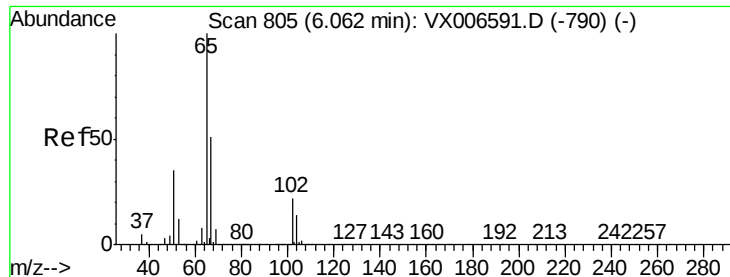
MMDadoda
1/4/2019 10:01:20 AM



#32
1,1,1-Trichloroethane
Concen: 18.924 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	41.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 48.604 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 65 Resp: 287967

Ion Ratio Lower Upper

65 100

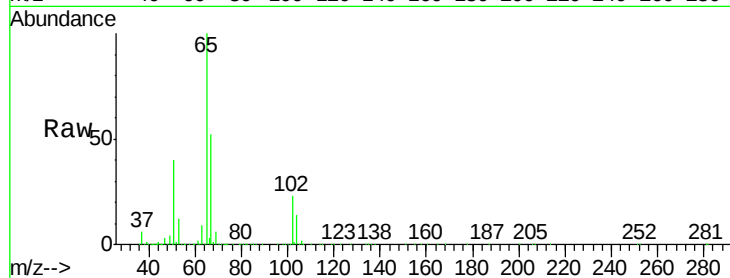
67 53.7 0.0 105.0

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

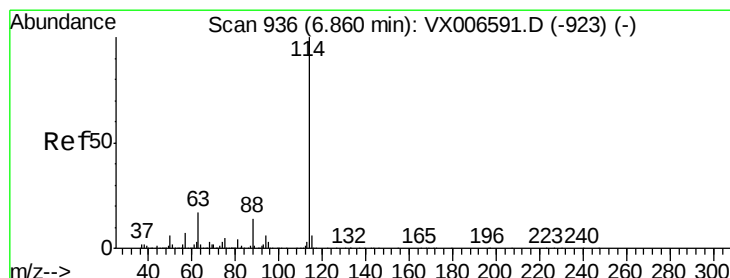
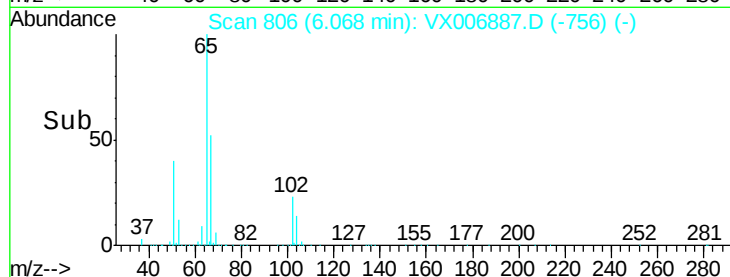
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

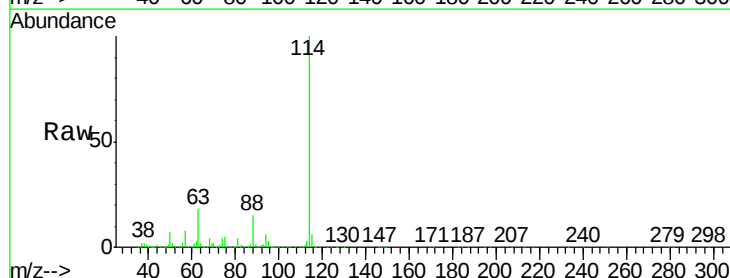
Tgt Ion: 114 Resp: 819302

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 14.9 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

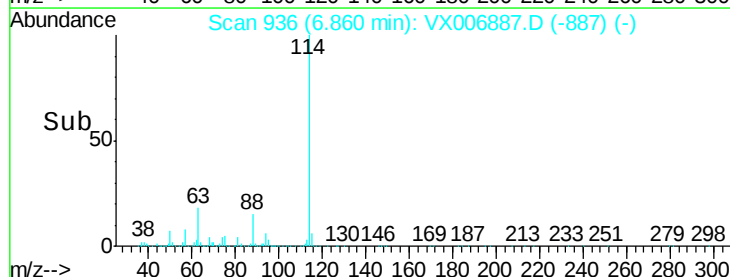
300000

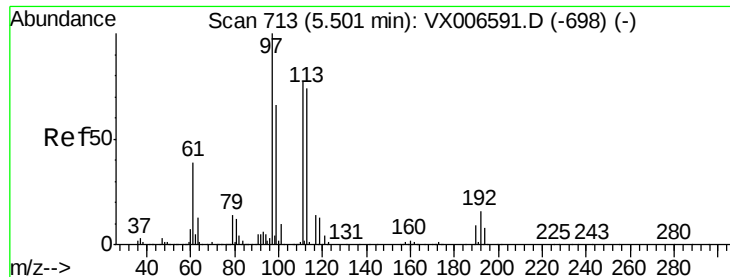
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.080 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

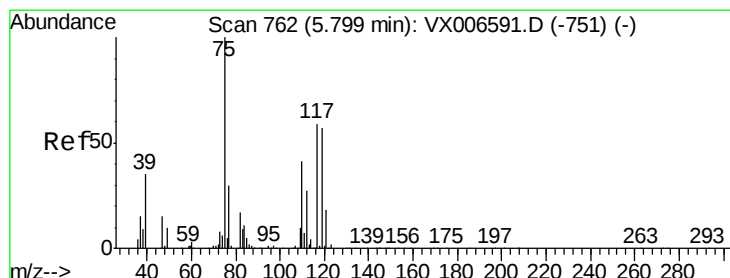
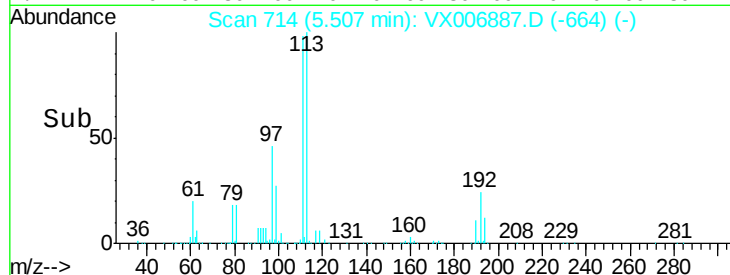
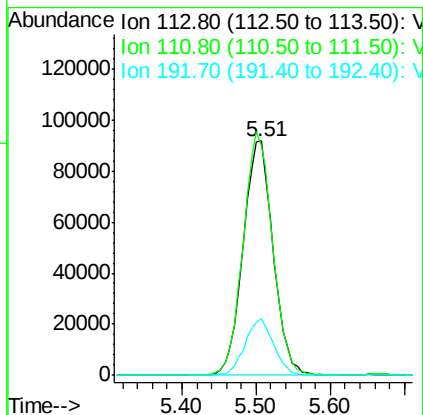
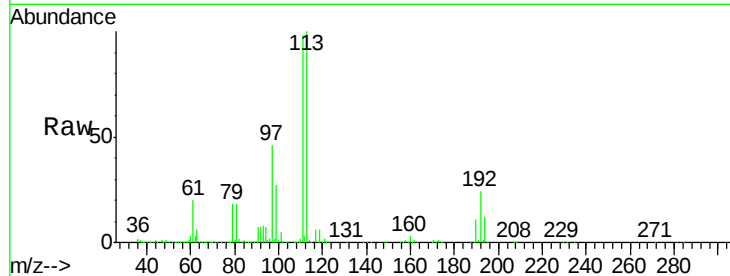
ClientSampleId :

VX0103WBS01

Tot Ion:	113	Resp:	259472
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	23.2	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.744 ug/l

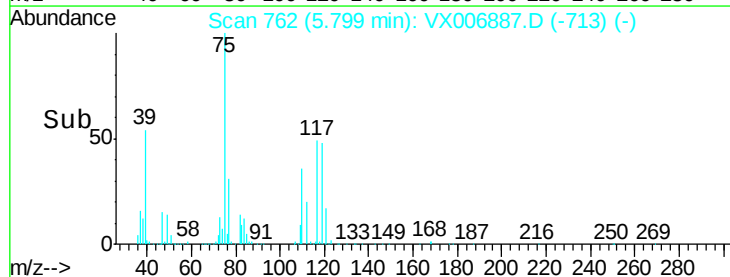
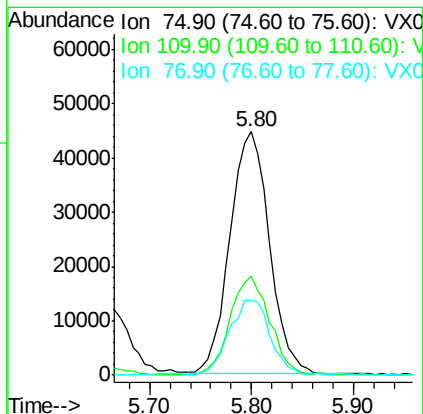
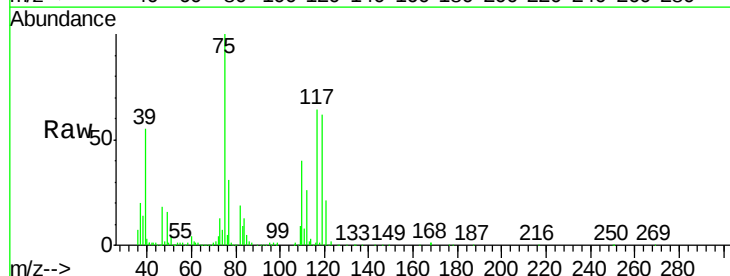
RT: 5.80 min Scan# 762

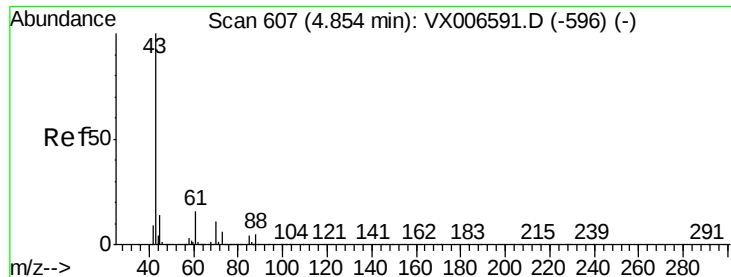
Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	75	Resp:	120407
Ion Ratio	Lower	Upper	
75	100		
110	40.3	20.2	60.5
77	31.2	24.8	37.2





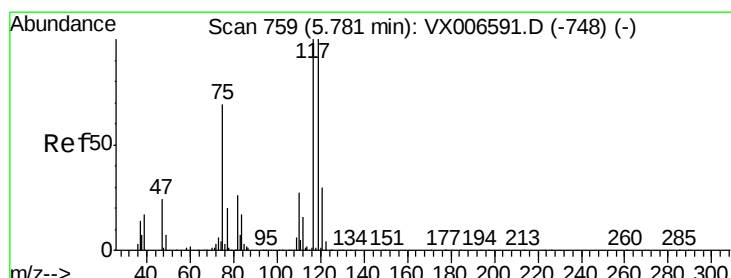
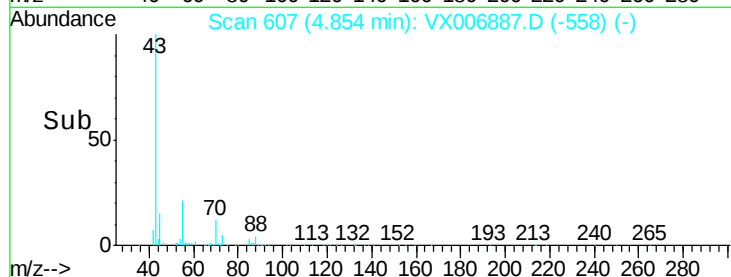
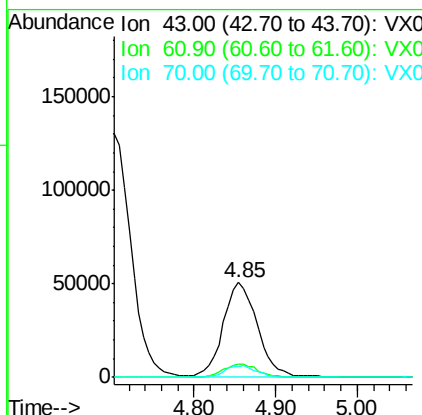
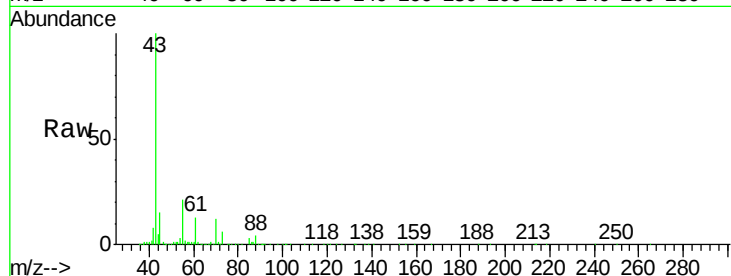
#37
Ethyl Acetate
Concen: 20.472 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.0	9.7	14.5

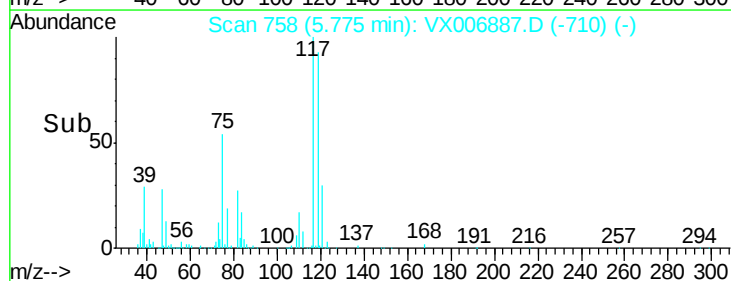
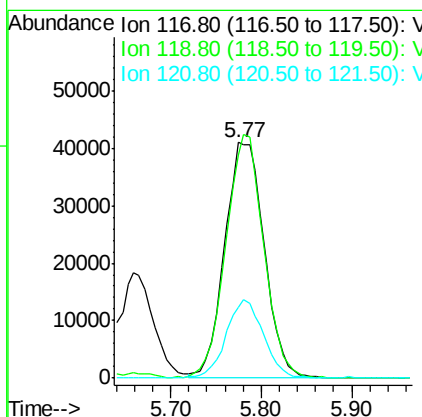
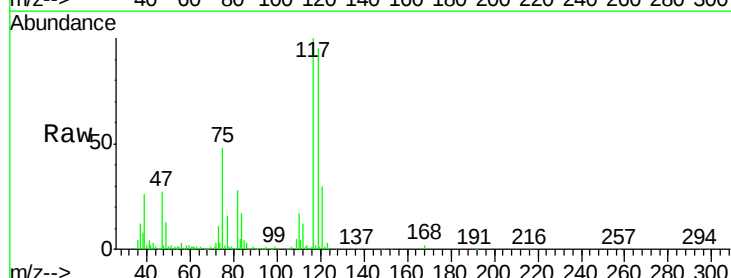
Manual Integrations
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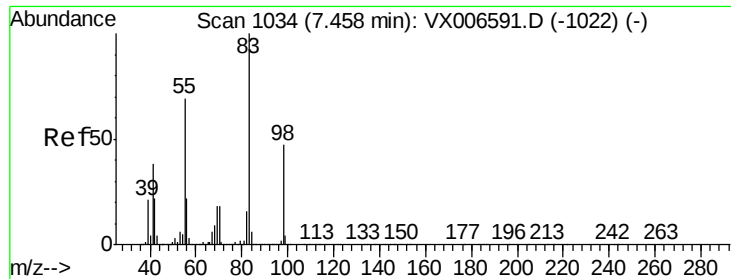
MMDadoda
1/4/2019 10:01:20 AM



#38
Carbon Tetrachloride
Concen: 18.840 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	79.4	119.2
121	30.3	24.0	36.0





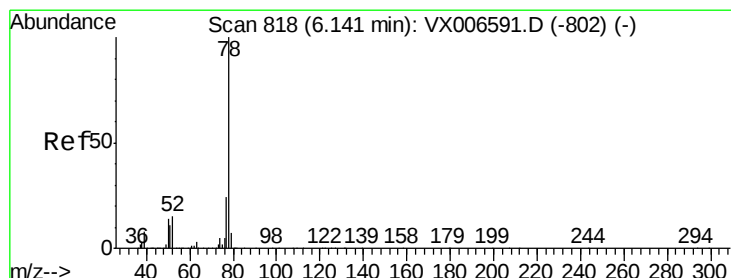
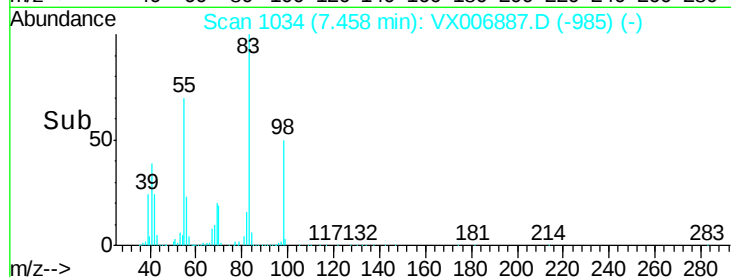
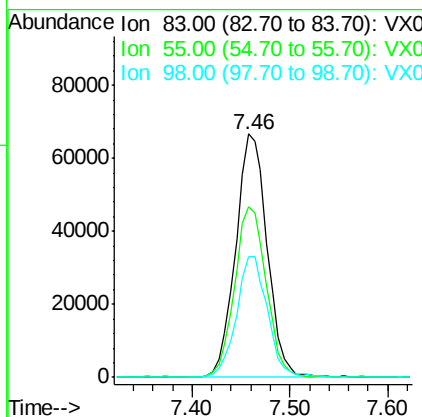
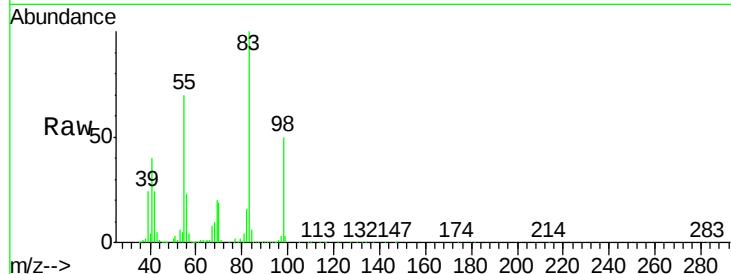
#39
Methvlcvclohexane
Concen: 16.645 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	54.9	82.3
98	49.7	37.9	56.9

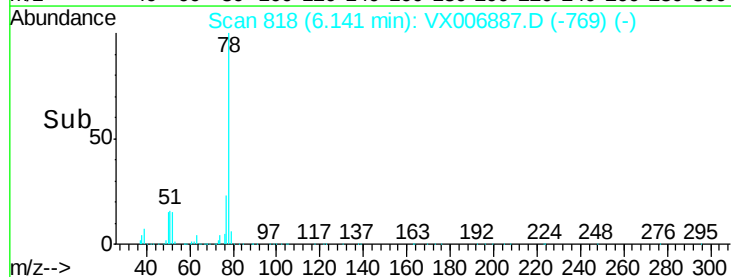
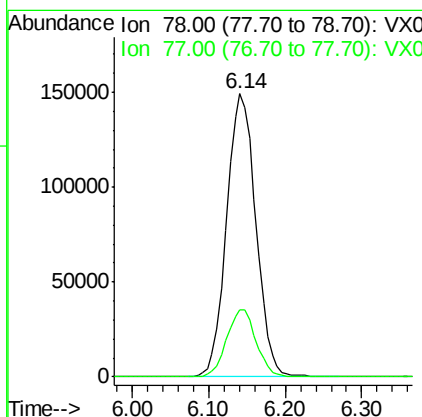
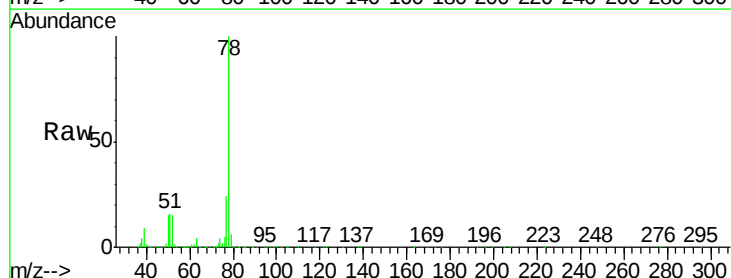
Manual Integrations
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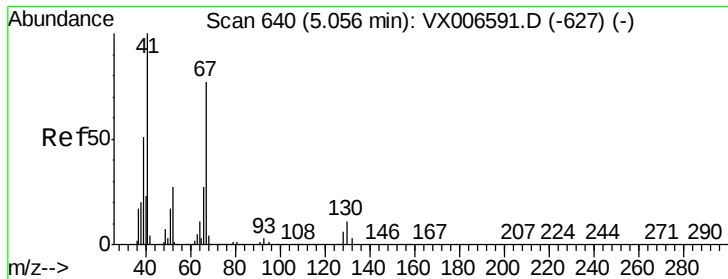
MMDadoda
1/4/2019 10:01:20 AM



#40
Benzene
Concen: 19.130 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





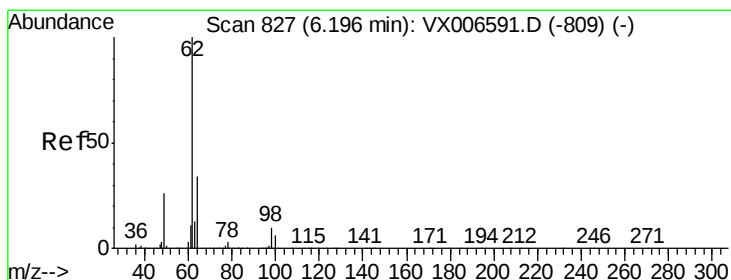
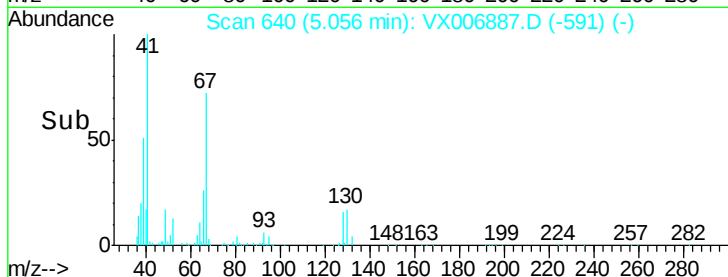
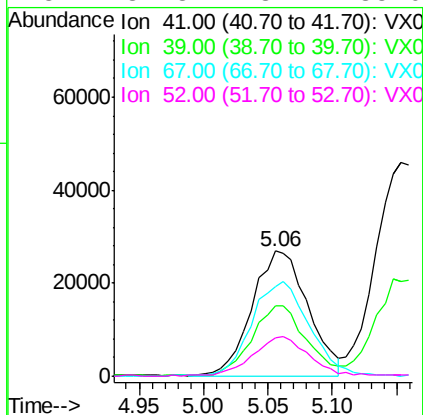
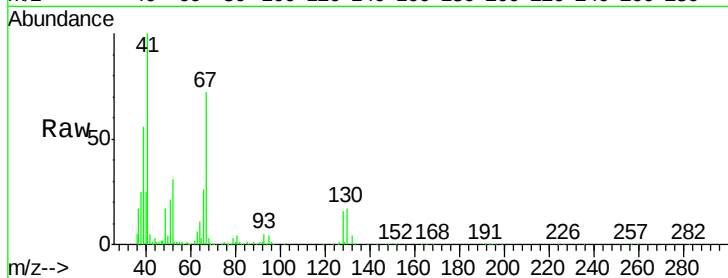
#41
Methacrylonitrile
Concen: 21.581 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampled :
VX0103WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	42.8	64.2	
67	78.5	62.1	93.1	
52	32.8	23.4	35.0	

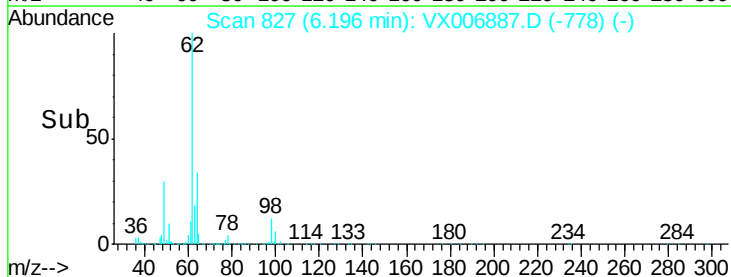
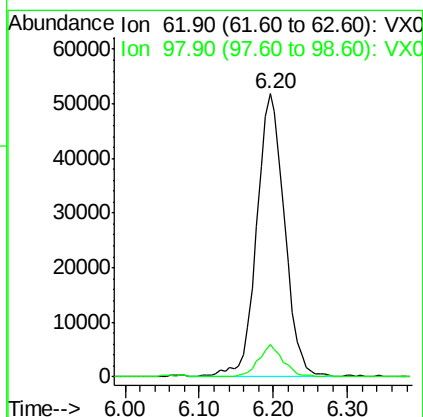
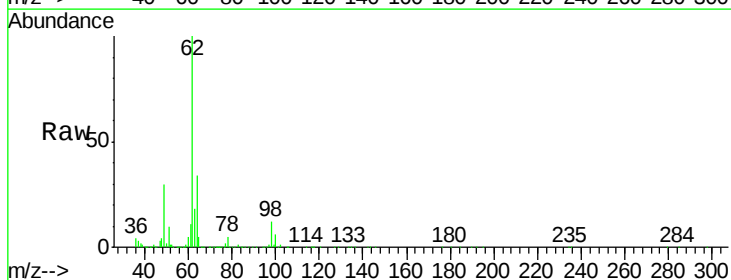
Manual Integrations
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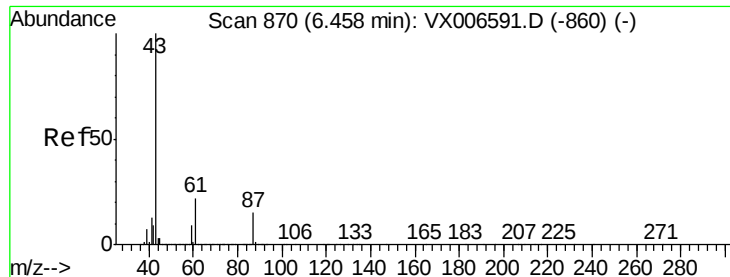
MMDadoda
1/4/2019 10:01:20 AM



#42
1,2-Dichloroethane
Concen: 19.313 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.2	





#43

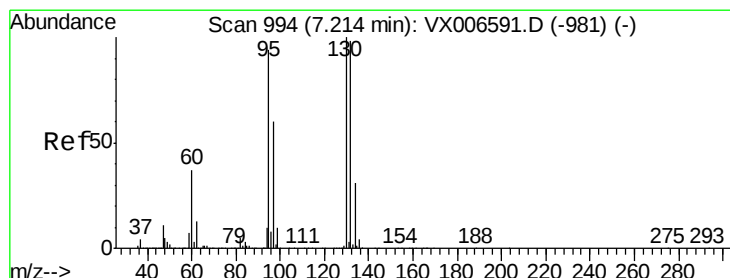
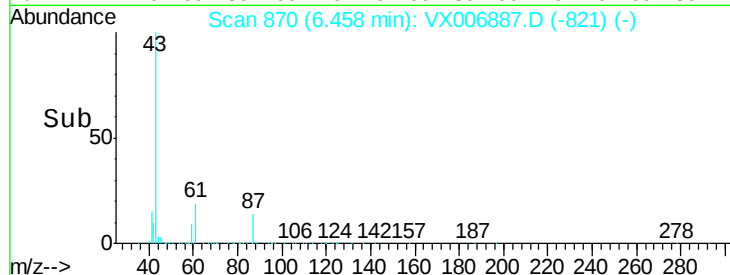
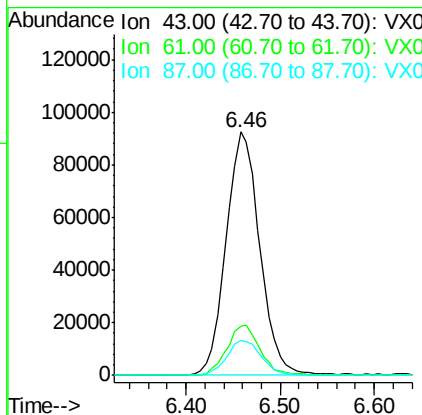
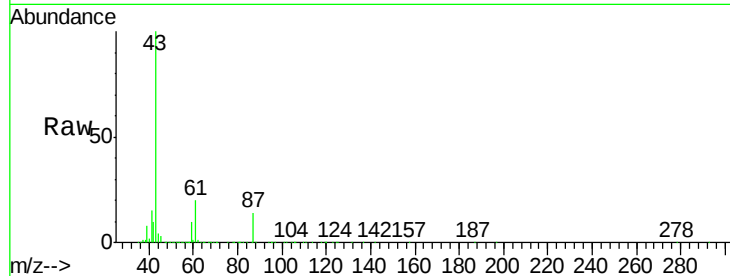
Isopropyl Acetate
 Concen: 21.252 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.8	25.2
87	14.9	12.4	18.6

Manual Integrations
 APPROVED

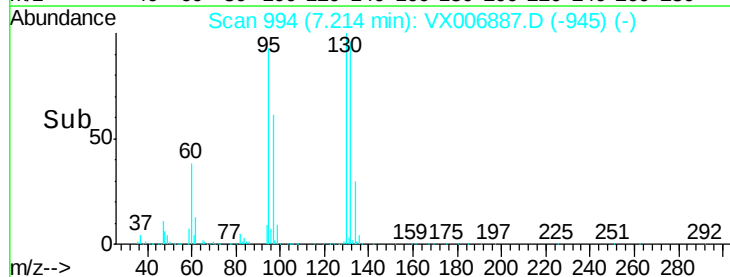
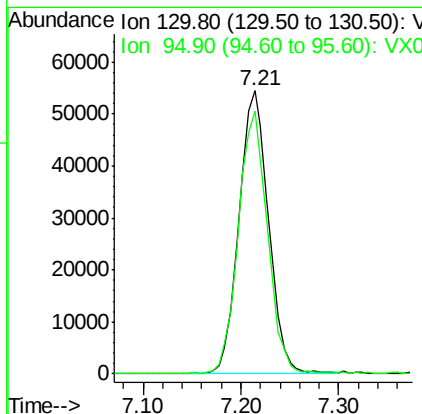
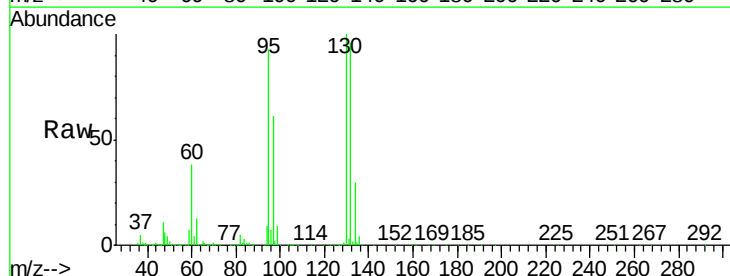
MMDadoda
 1/4/2019 10:01:20 AM

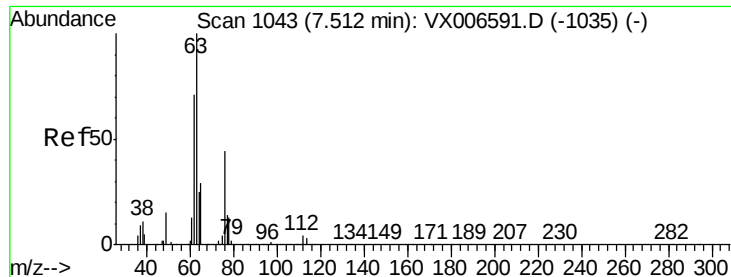


#44

Trichloroethene
 Concen: 18.310 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.250 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 63 Resp: 101643

Ion Ratio Lower Upper

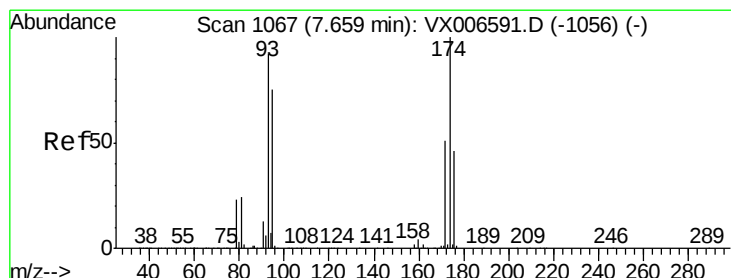
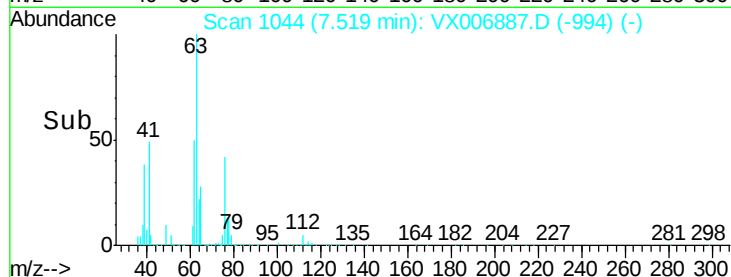
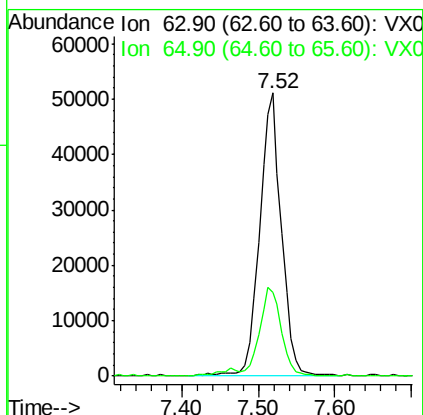
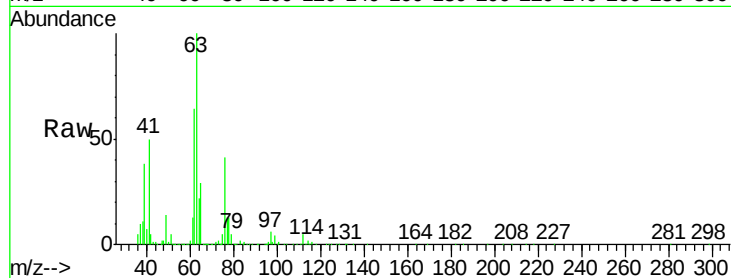
63 100

65 29.5 25.4 38.0

Manual Integrations
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MMDadoda

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#46

Dibromomethane

Concen: 19.395 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

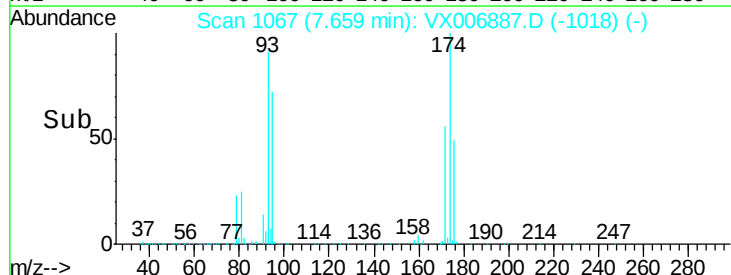
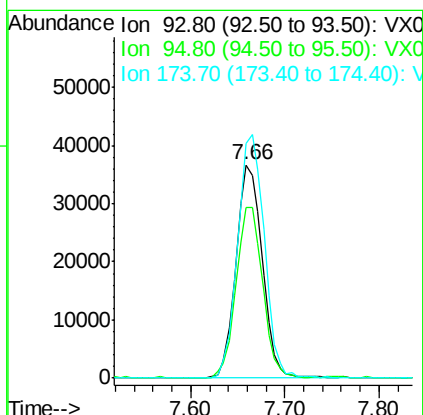
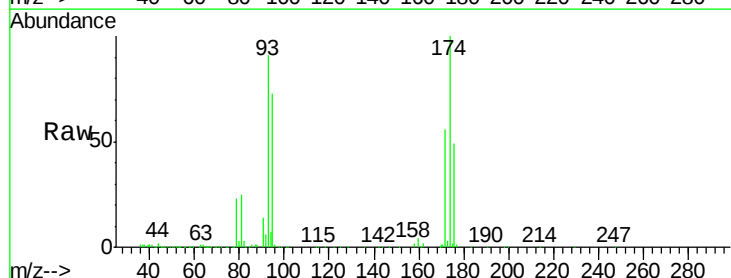
Tgt Ion: 93 Resp: 71607

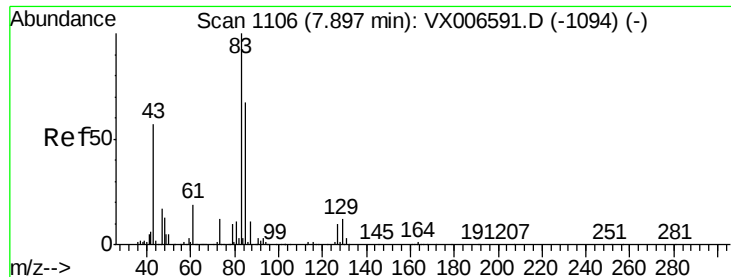
Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

174 115.5 91.0 136.4





#47

Bromodichloromethane

Concen: 19.418 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

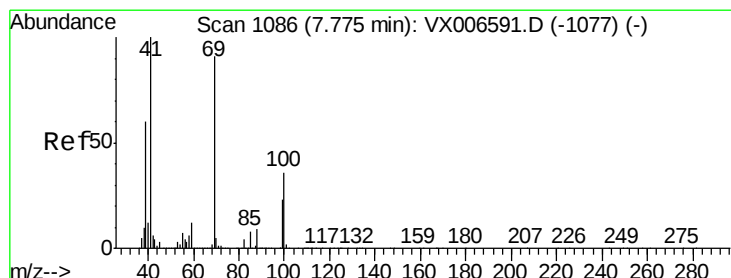
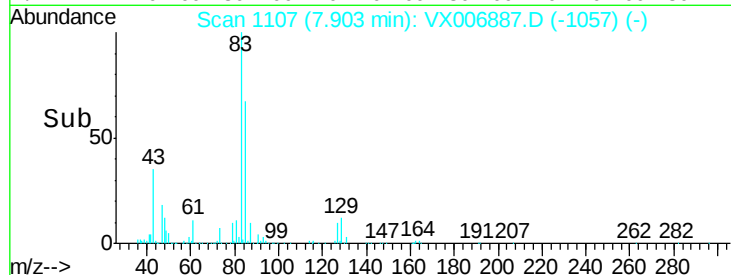
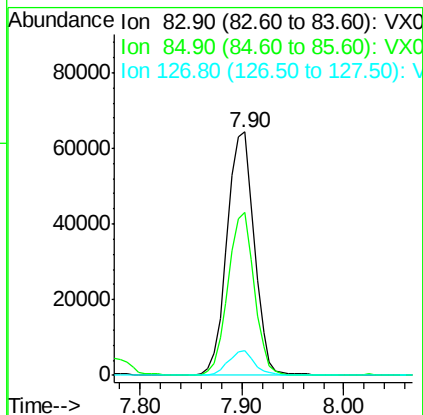
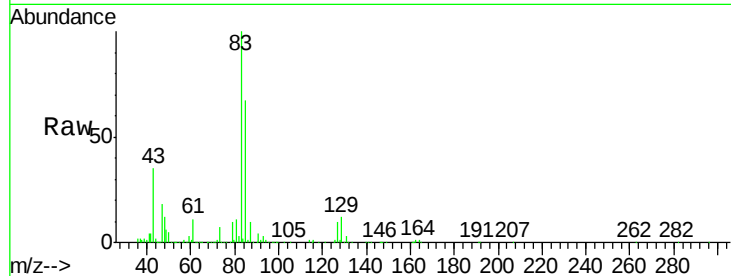
ClientSampleId :

VX0103WBS01

Tot Ion:	83	Resp:	119026
Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.2	79.8
127	10.1	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.066 ug/l

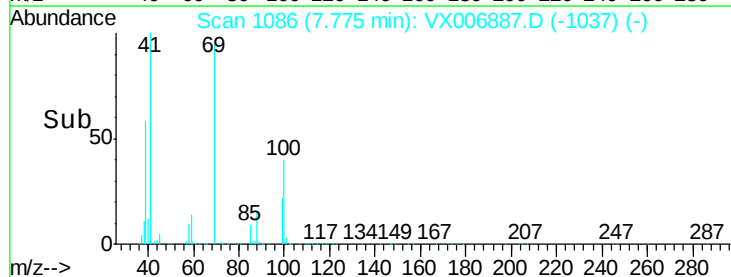
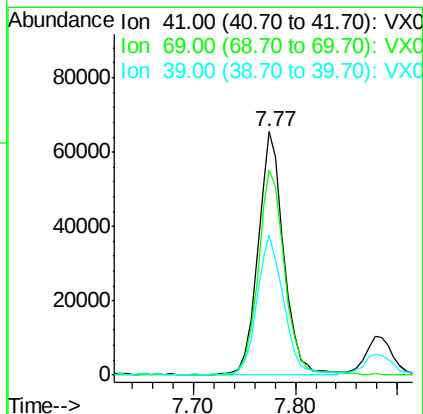
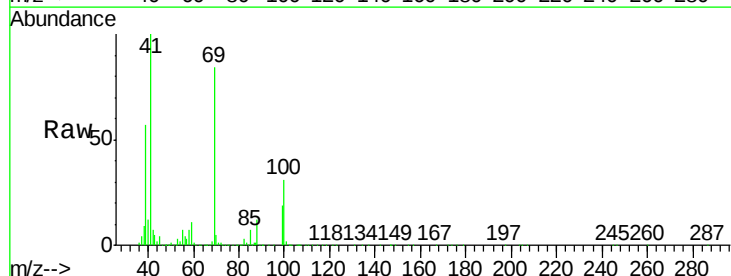
RT: 7.77 min Scan# 1086

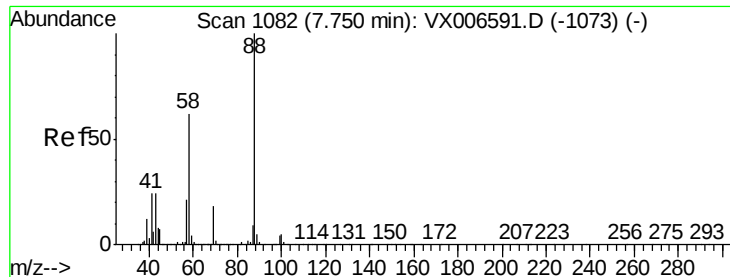
Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	41	Resp:	115119
Ion	Ratio	Lower	Upper
41	100		
69	86.5	72.4	108.6
39	58.3	45.8	68.8





#49

1,4-Dioxane

Concen: 374.872 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

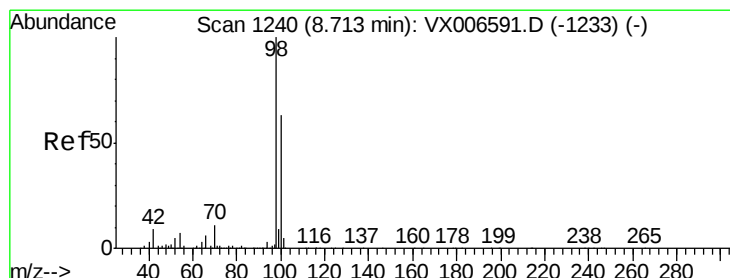
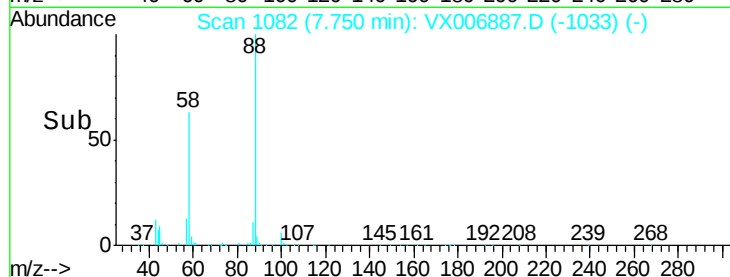
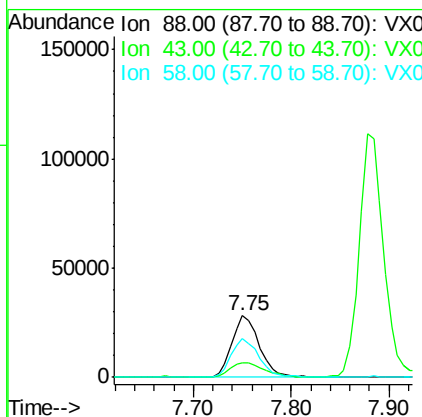
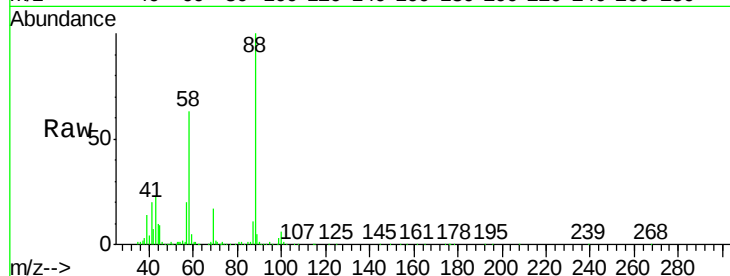
ClientSampled :

VX0103WBS01

Tot Ion:	88	Resp:	55377
Ion	Ratio	Lower	Upper
88	100		
43	27.2	22.2	33.4
58	64.6	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.842 ug/l

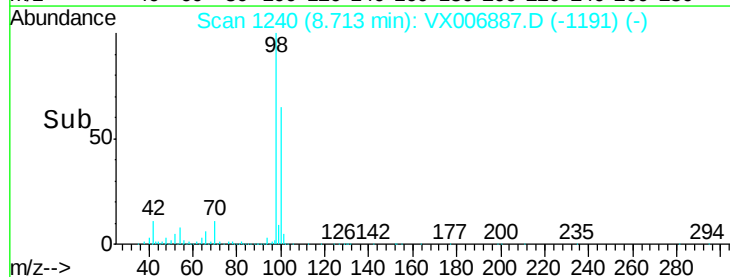
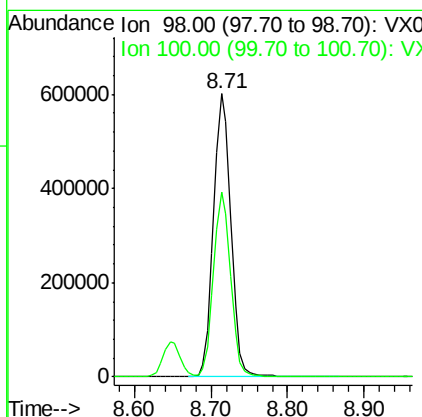
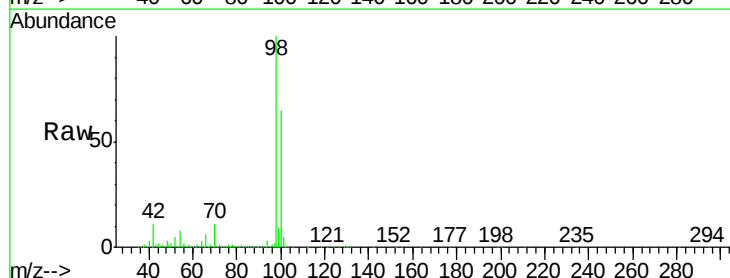
RT: 8.71 min Scan# 1240

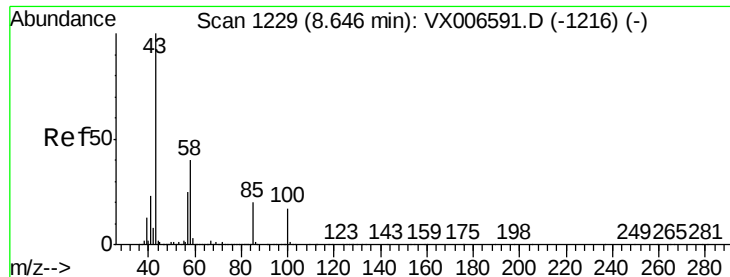
Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	98	Resp:	954021
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 106.758 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion: 43 Resp: 729957

Ion Ratio Lower Upper

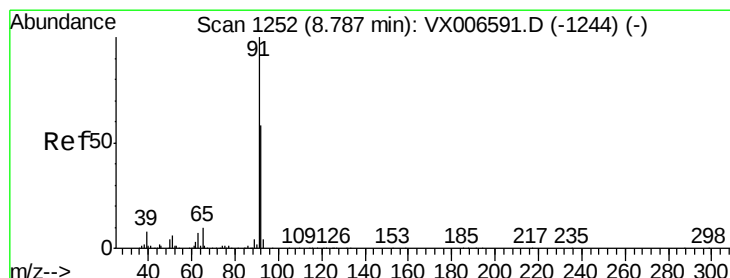
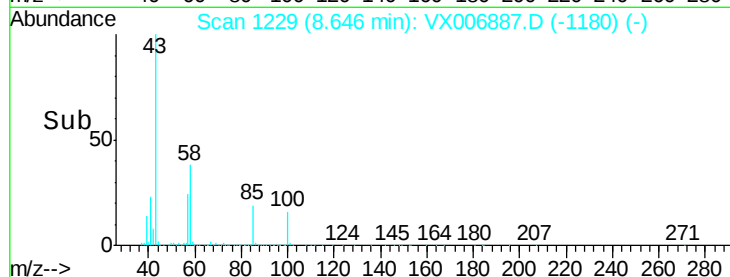
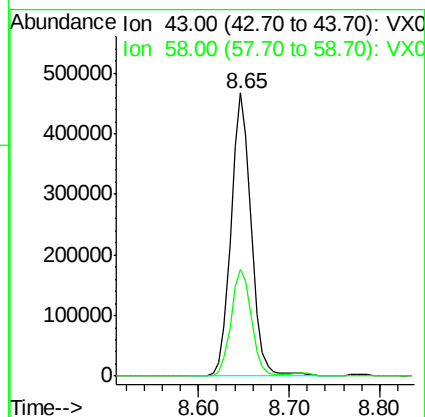
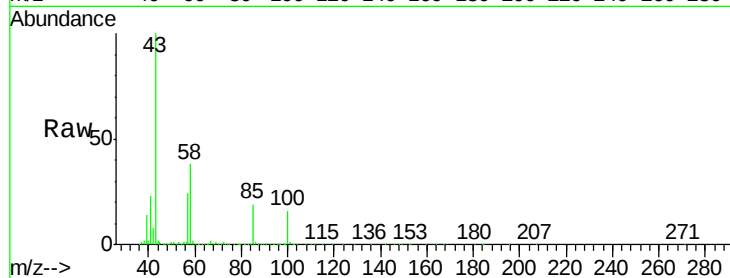
43 100

58 38.0 31.8 47.6

Manual Integrations
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#52

Toluene

Concen: 18.981 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006887.D

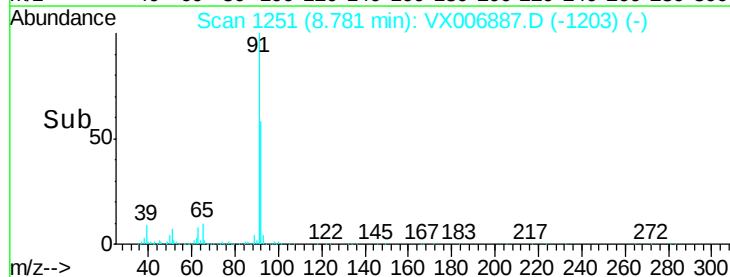
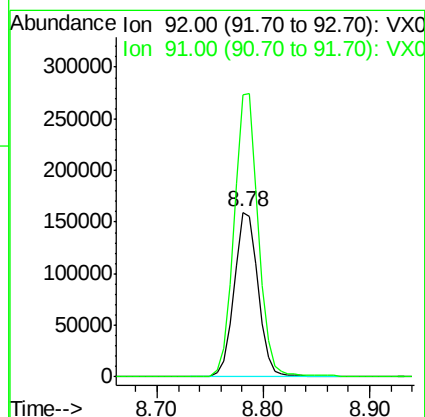
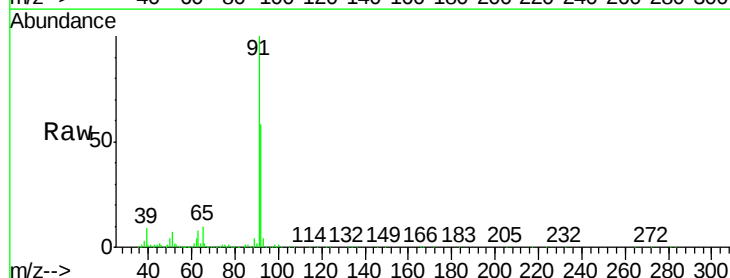
Acq: 03 Jan 2019 11:52

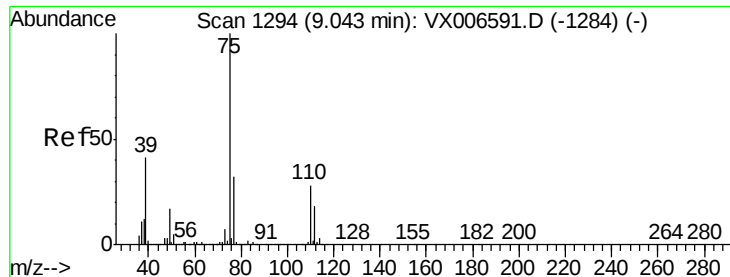
Tgt Ion: 92 Resp: 252936

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.213 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion: 75 Resp: 132880

Ion Ratio Lower Upper

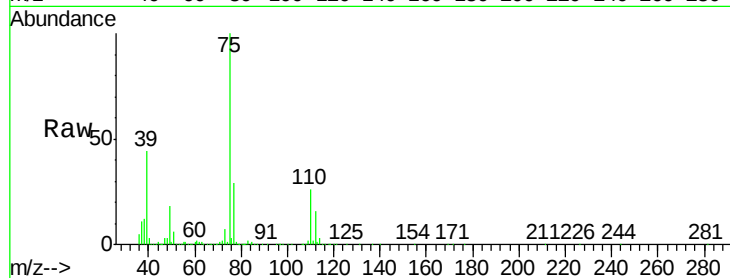
75 100

77 29.0 25.4 38.0

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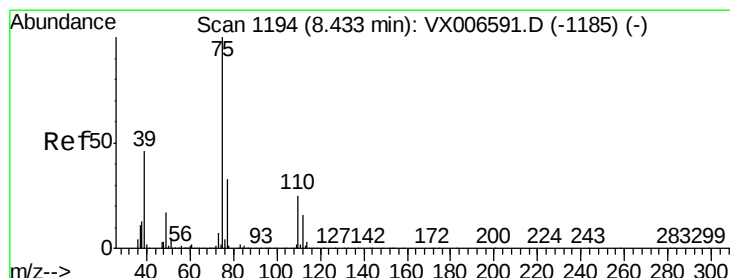
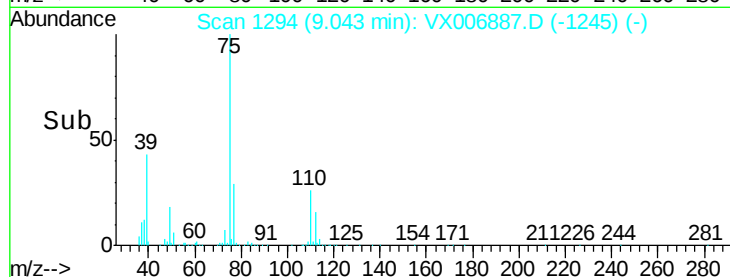
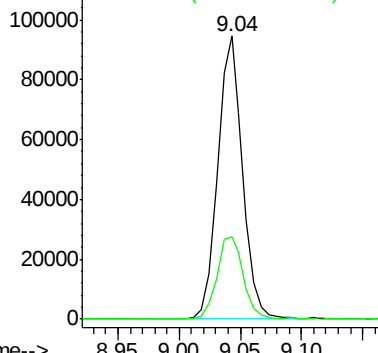
MMDadoda

1/4/2019 10:01:20 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.239 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

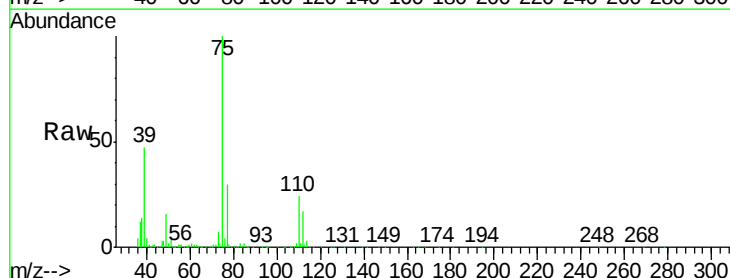
Tgt Ion: 75 Resp: 145991

Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.2

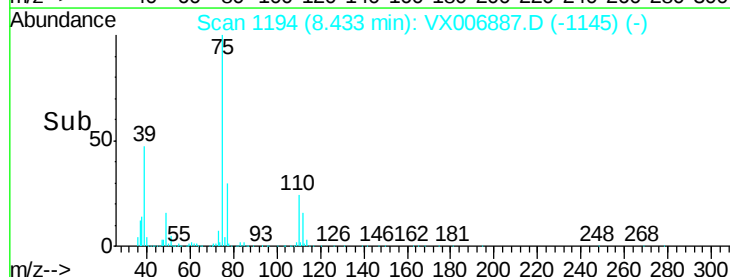
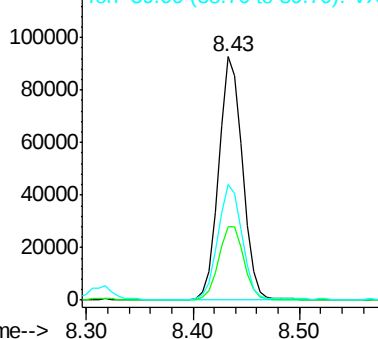
39 47.3 36.7 55.1

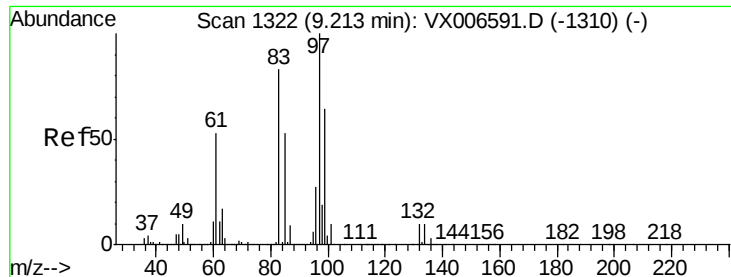


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





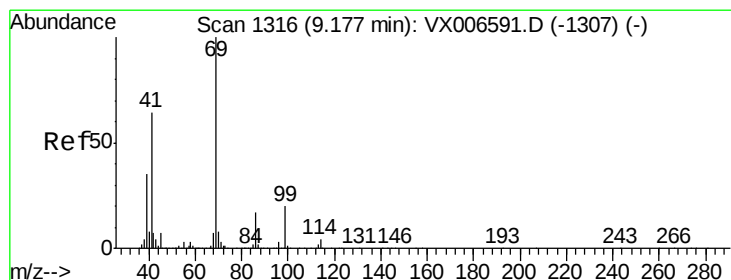
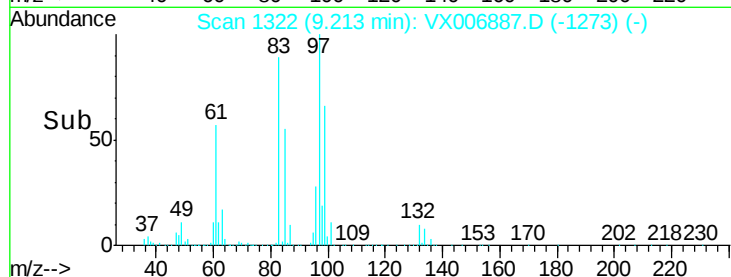
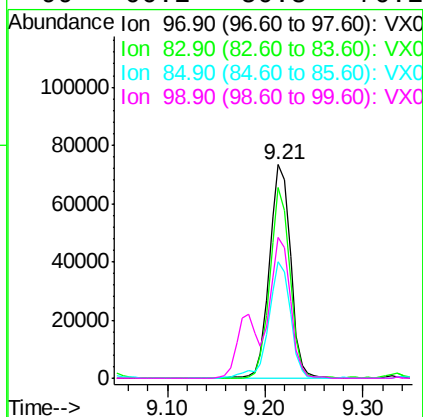
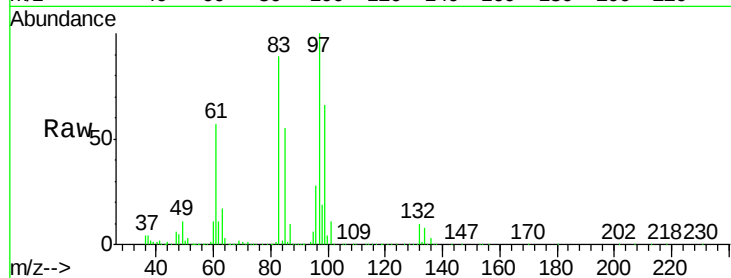
#55
 1,1,2-Trichloroethane
 Concen: 20.169 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		110011		
83	89.4	66.6	99.8		
85	54.6	42.7	64.1		
99	66.2	50.8	76.2		

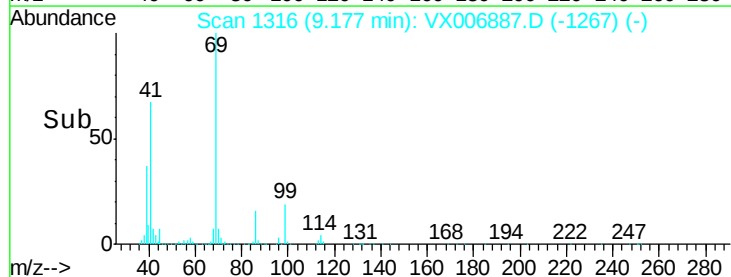
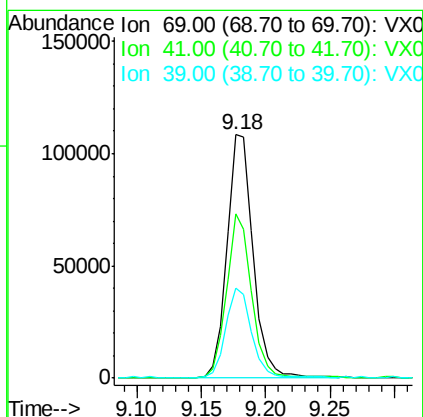
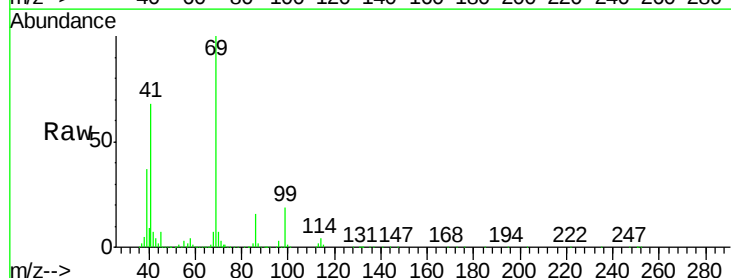
Manual Integrations
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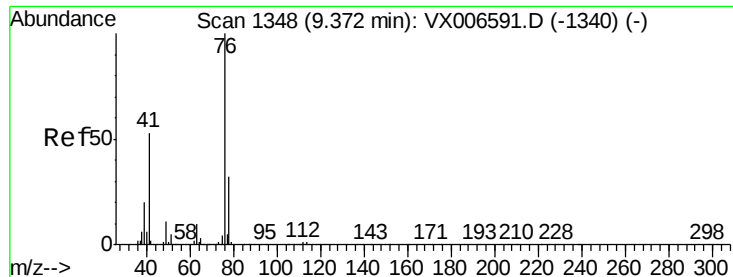
MMDadoda
 1/4/2019 10:01:20 AM



#56
 Ethyl methacrylate
 Concen: 20.104 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		154982		
41	64.0	48.7	73.1		
39	36.9	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 19.882 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 76 Resp: 174476

Ion Ratio Lower Upper

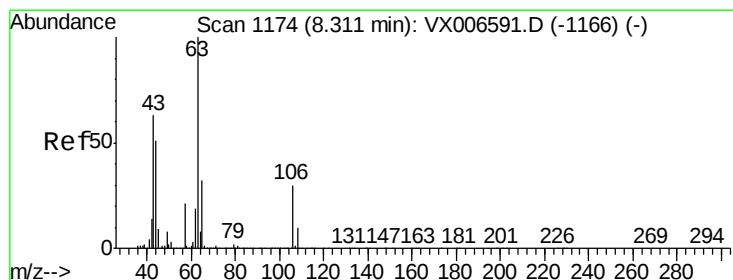
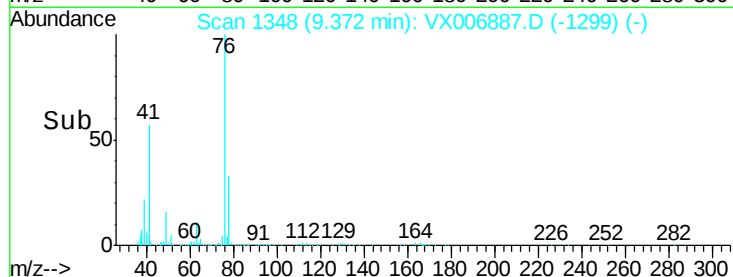
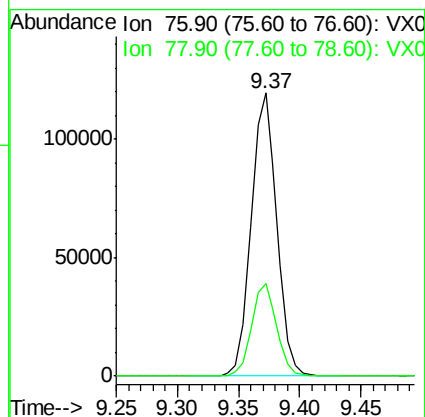
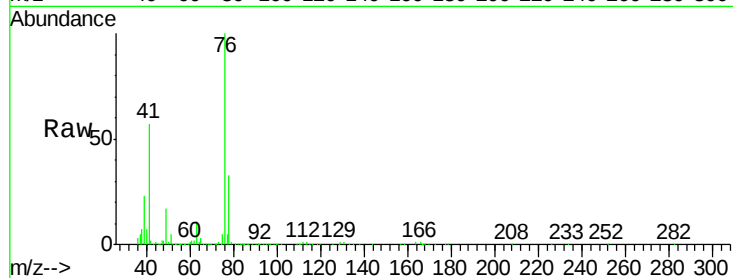
76 100

78 32.1 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

1/4/2019 10:01:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 104.705 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006887.D

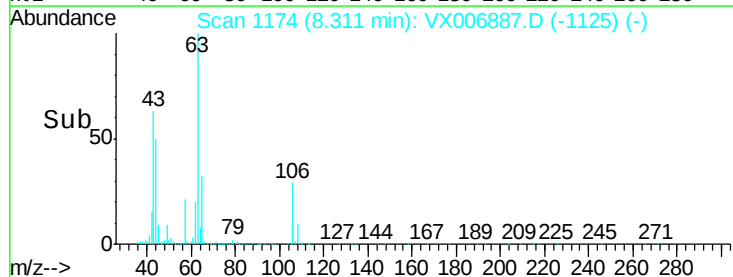
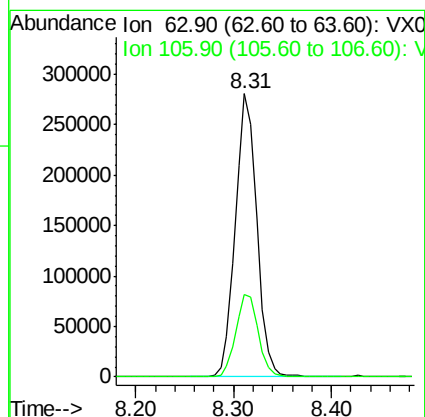
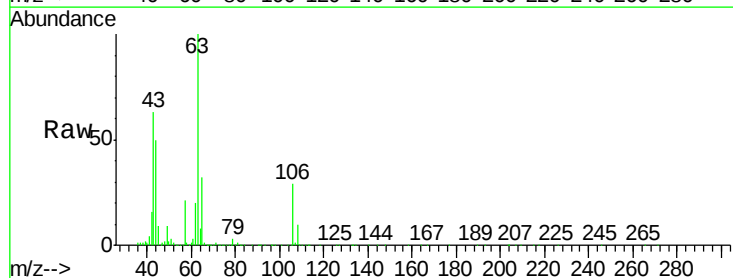
Acq: 03 Jan 2019 11:52

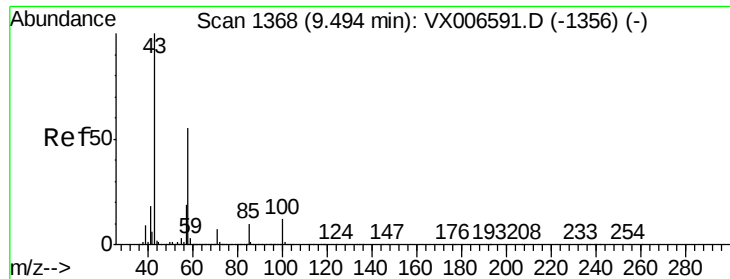
Tgt Ion: 63 Resp: 429065

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8





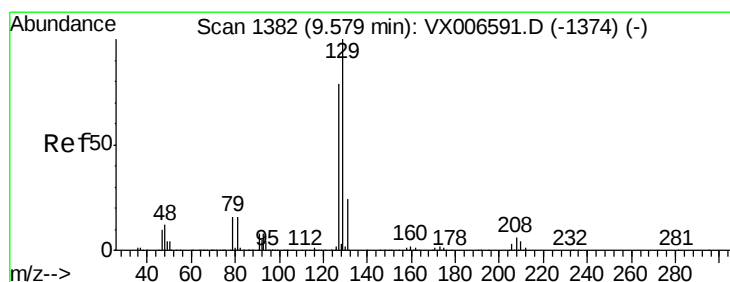
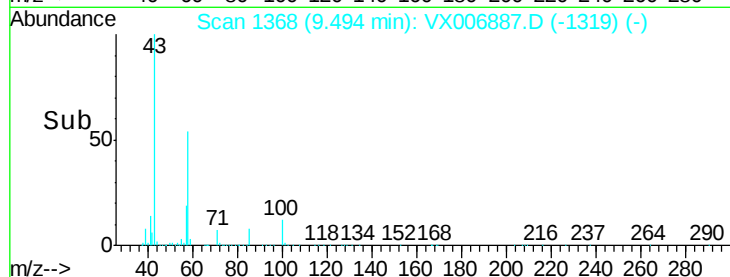
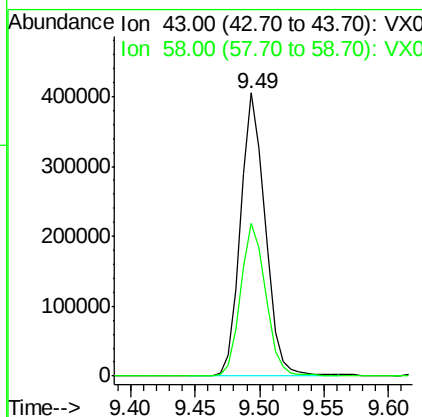
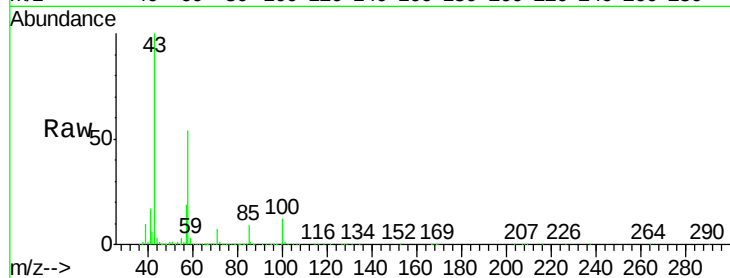
#59
2-Hexanone
Concen: 102.837 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion: 43 Resp: 537990
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

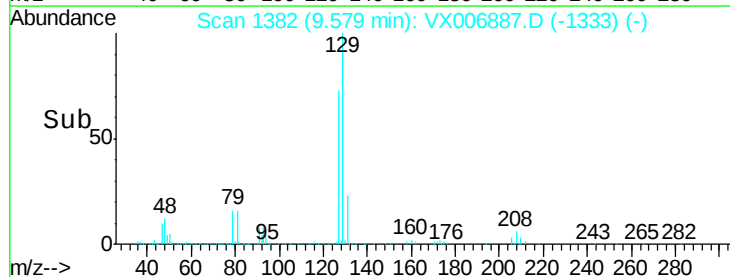
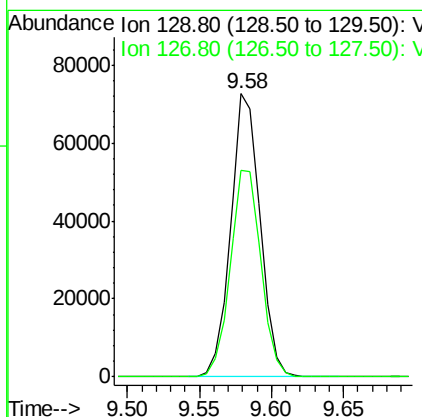
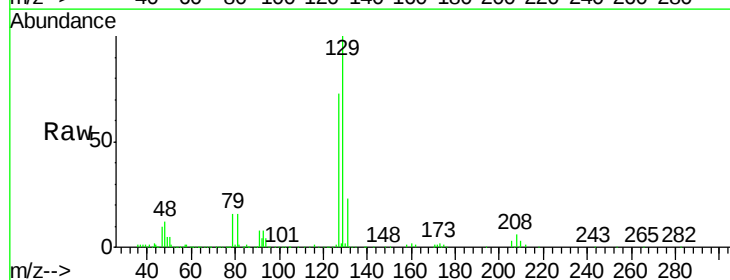
Manual Integrations
APPROVED

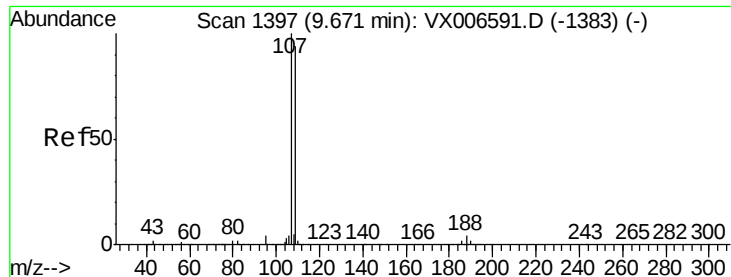
MMDadoda
1/4/2019 10:01:20 AM



#60
Dibromochloromethane
Concen: 19.677 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion: 129 Resp: 103820
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.123 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 107 Resp: 116674

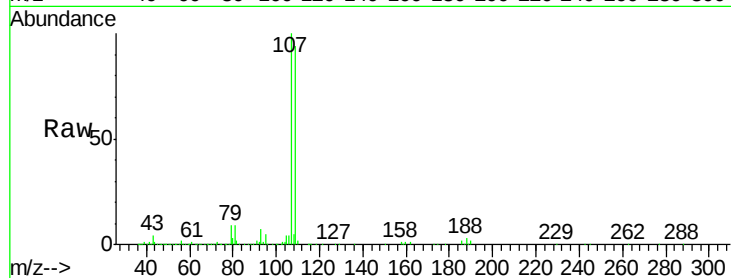
Ion Ratio Lower Upper

107 100

109 93.1 75.8 113.6

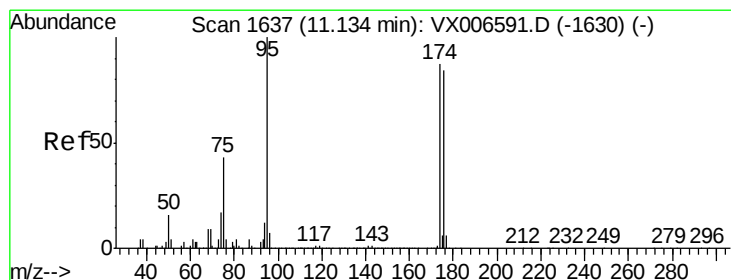
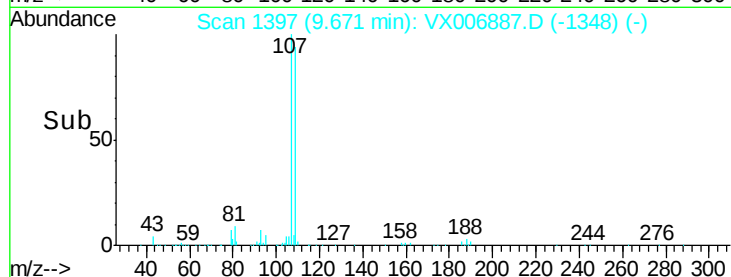
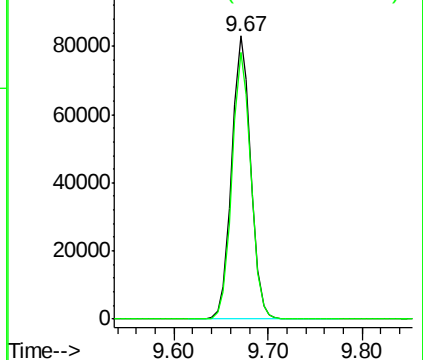
Manual Integrations
APPROVED

MMDadoda
1/4/2019 10:01:20 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.913 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

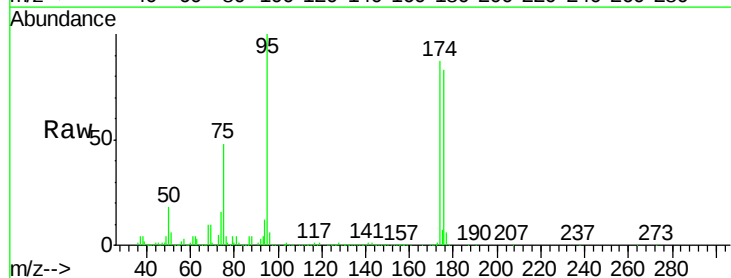
Tgt Ion: 95 Resp: 335608

Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

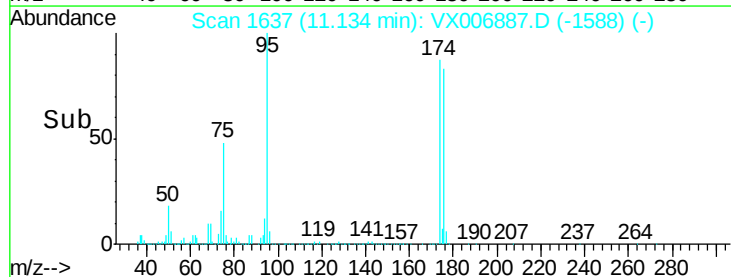
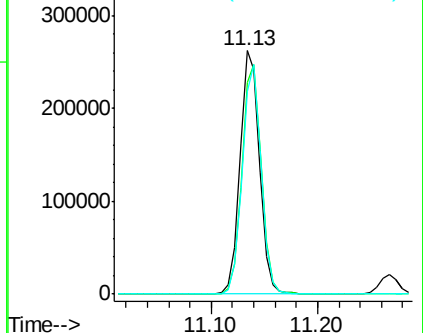
176 91.8 0.0 178.8

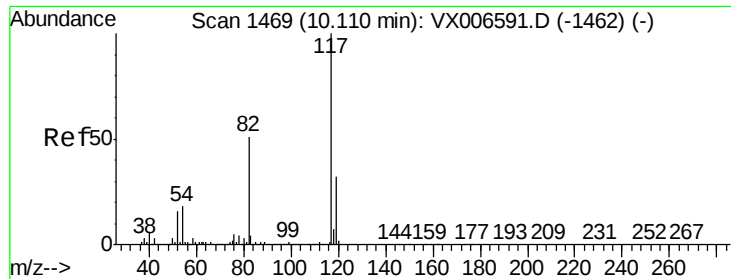


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





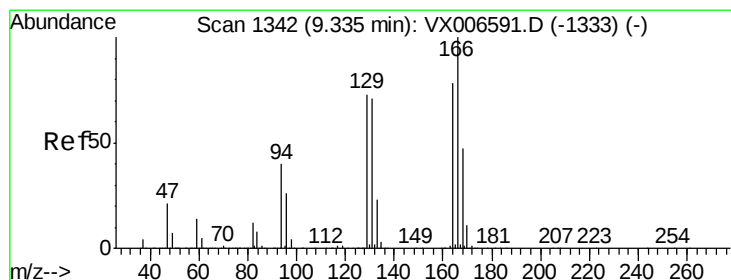
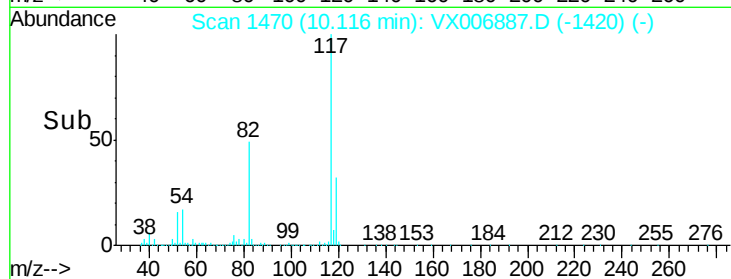
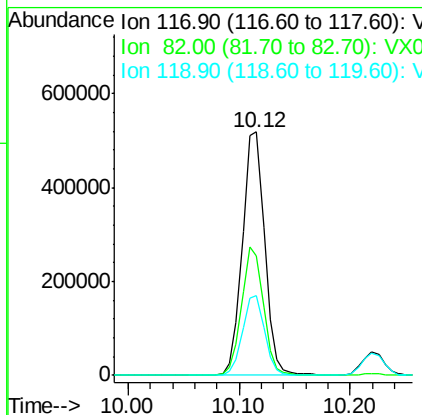
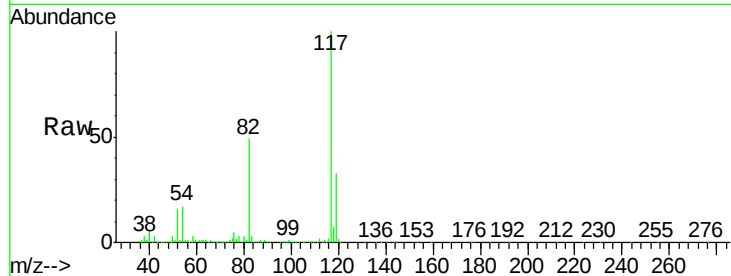
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.0	61.6
119	32.5	25.4	38.0

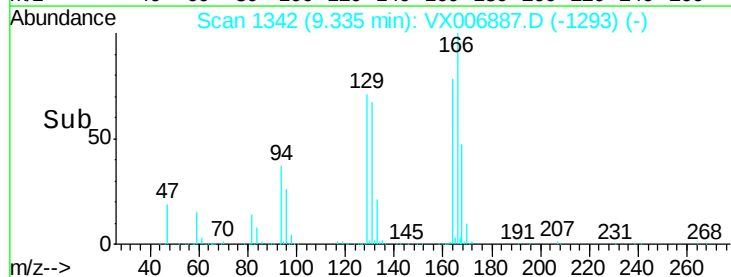
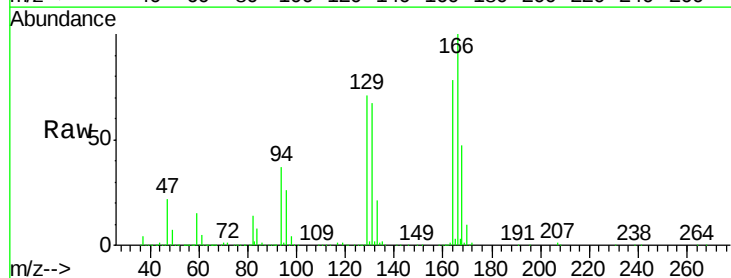
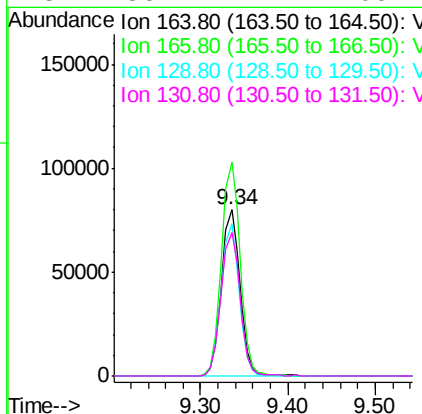
Manual Integrations
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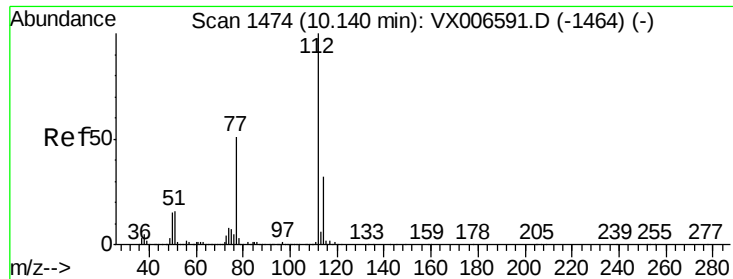
MMDadoda
1/4/2019 10:01:20 AM



#64
Tetrachloroethene
Concen: 20.542 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.5	153.7
129	91.5	75.1	112.7
131	86.4	72.7	109.1





#65

Chlorobenzene

Concen: 19.211 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion:112 Resp: 293907

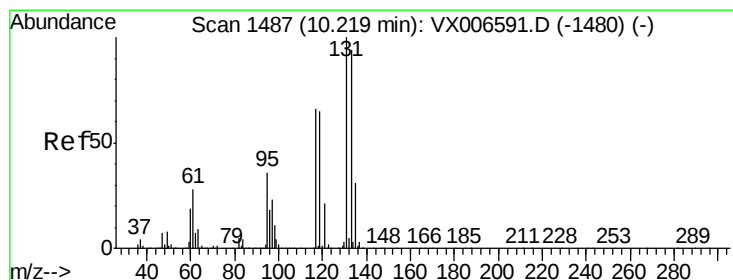
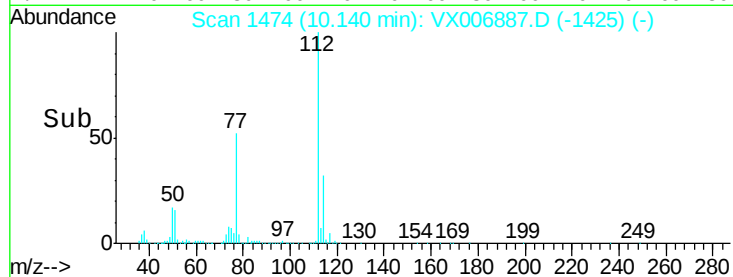
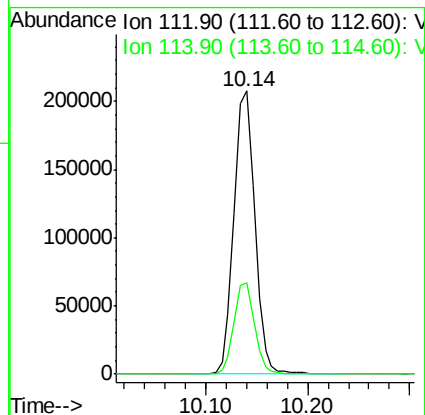
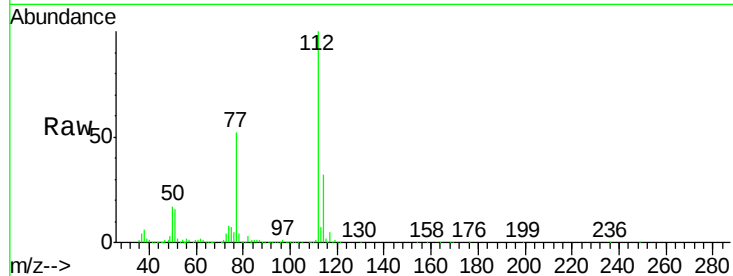
Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
1/4/2019 10:01:20 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 21.428 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

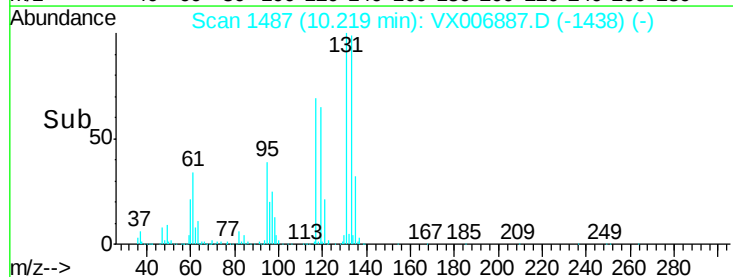
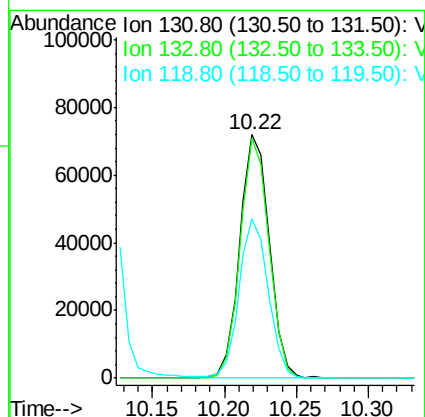
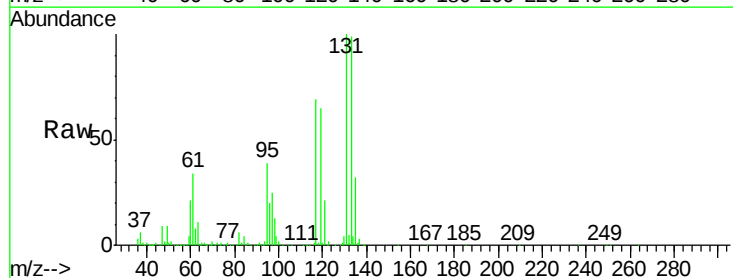
Tgt Ion:131 Resp: 102278

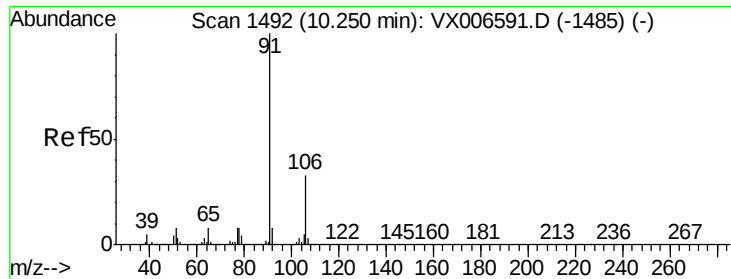
Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 65.2 32.6 97.8





#67

Ethyl Benzene

Concen: 18.881 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 91 Resp: 472004

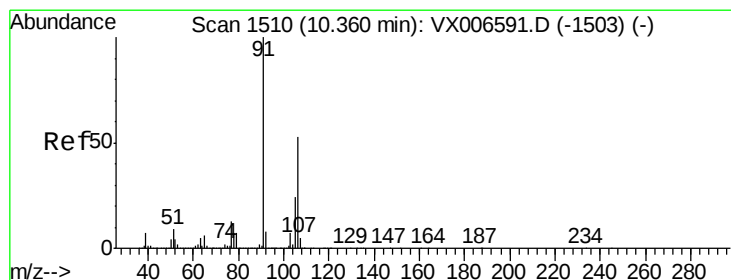
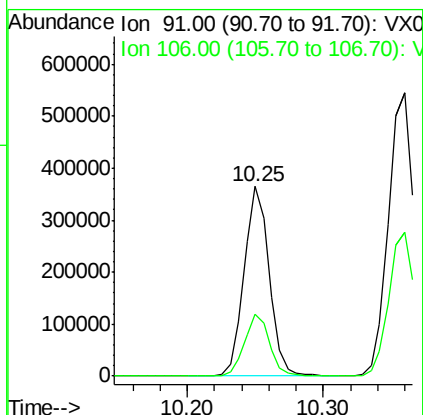
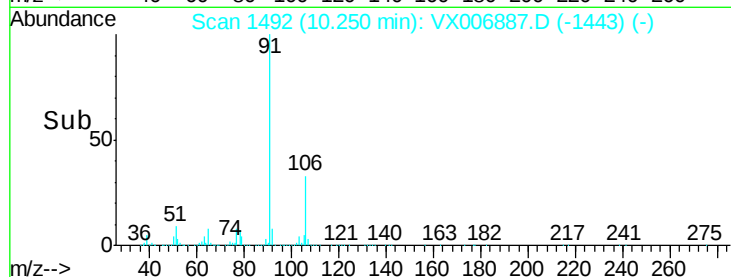
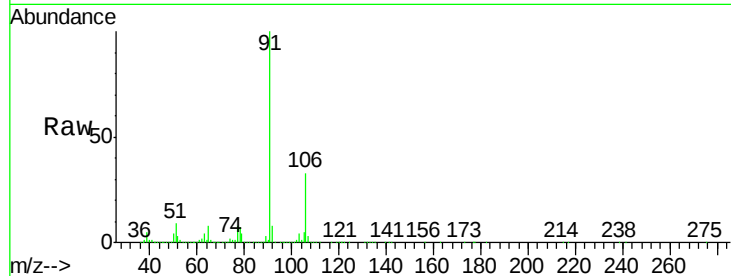
Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 38.078 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006887.D

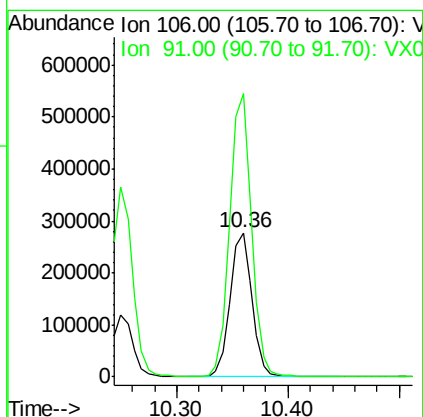
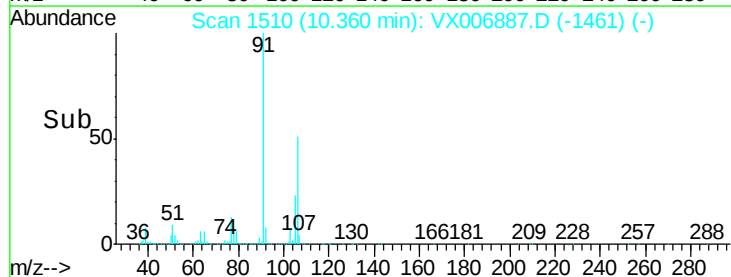
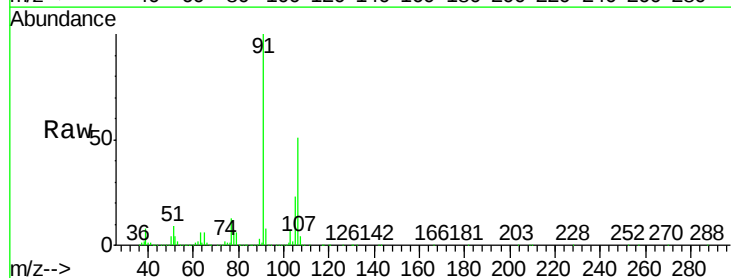
Acq: 03 Jan 2019 11:52

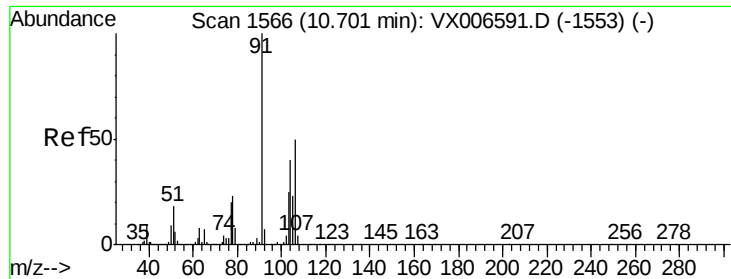
Tgt Ion: 106 Resp: 375620

Ion Ratio Lower Upper

106 100

91 197.0 155.8 233.6





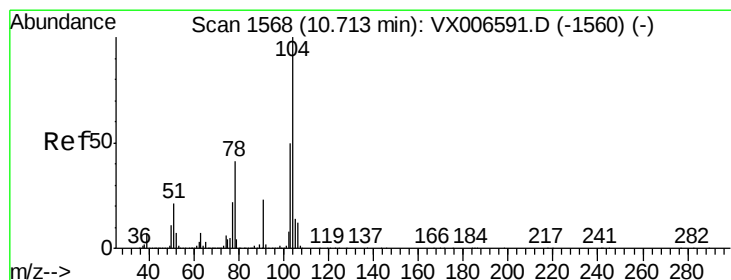
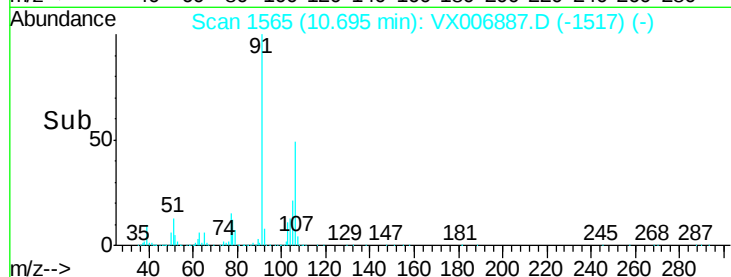
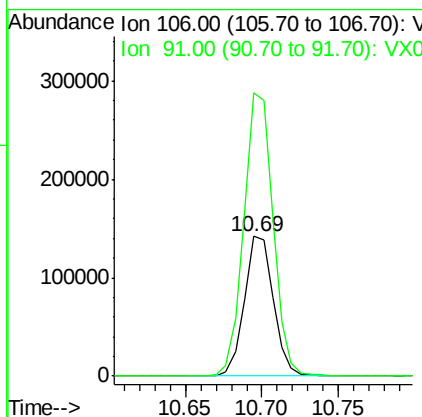
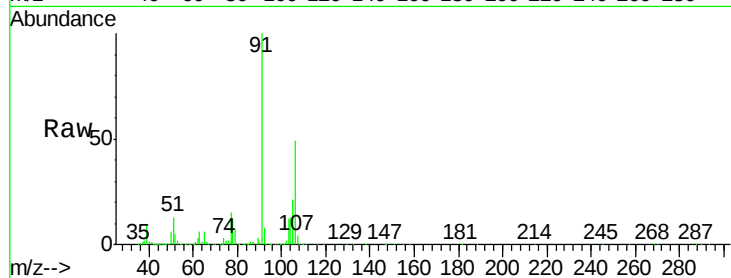
#69
o-Xylene
Concen: 19.206 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.4	101.3	303.7

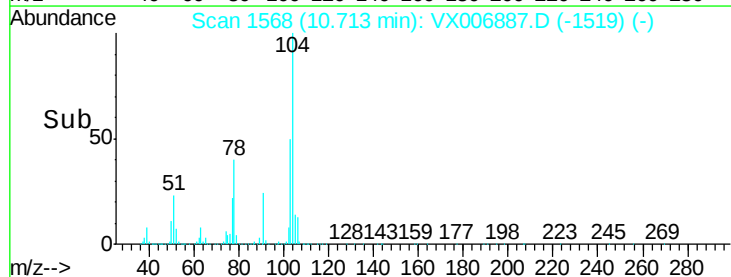
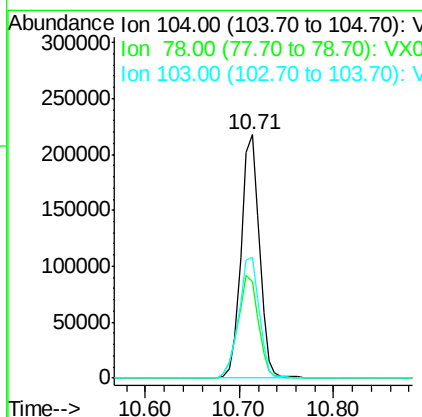
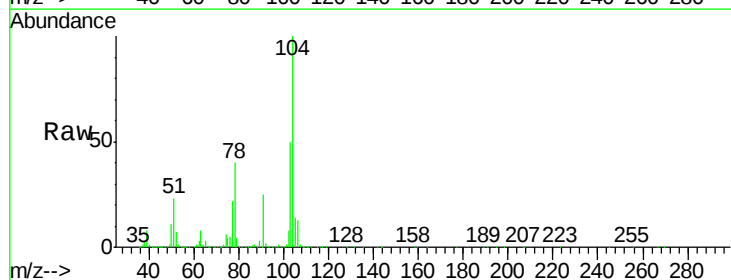
Manual Integrations
APPROVED

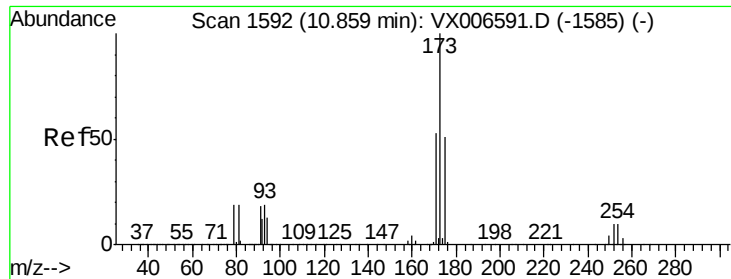
MMDadoda
1/4/2019 10:01:20 AM



#70
Styrene
Concen: 19.211 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.7	56.5
103	55.3	43.8	65.8





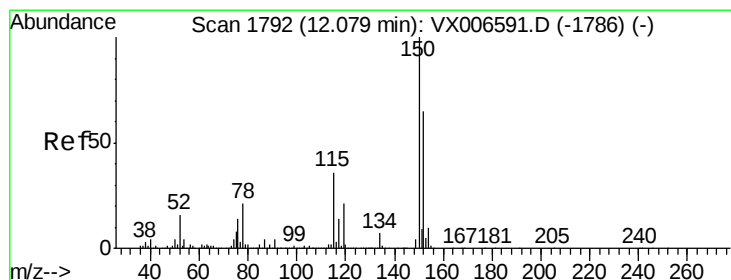
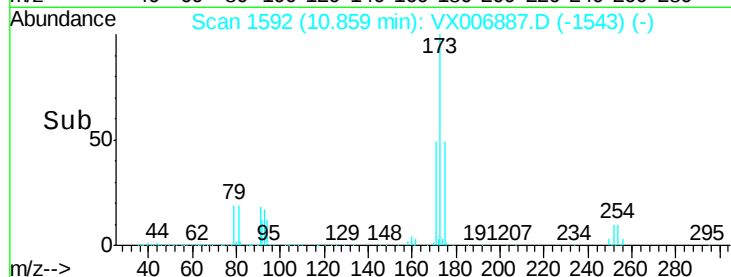
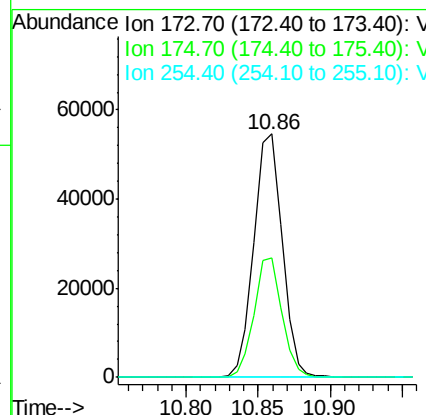
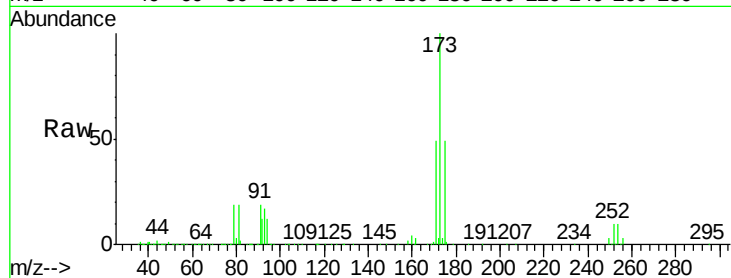
#71
Bromoform
Concen: 20.217 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampled :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.7	74.1
254	0.2	0.2	0.2

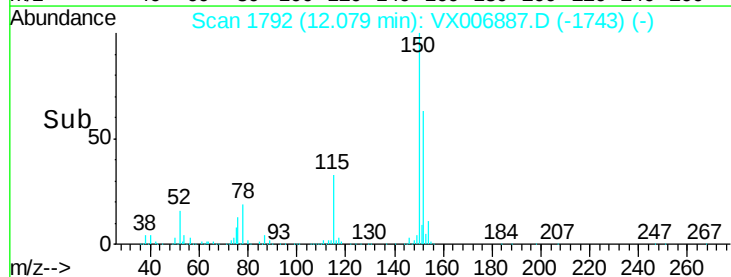
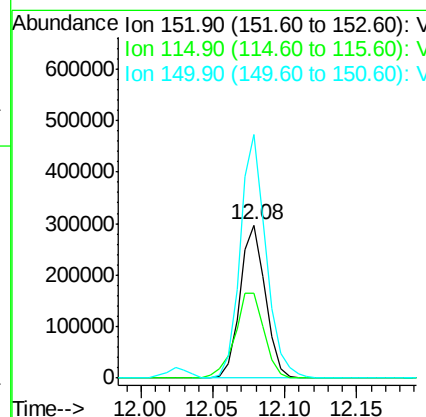
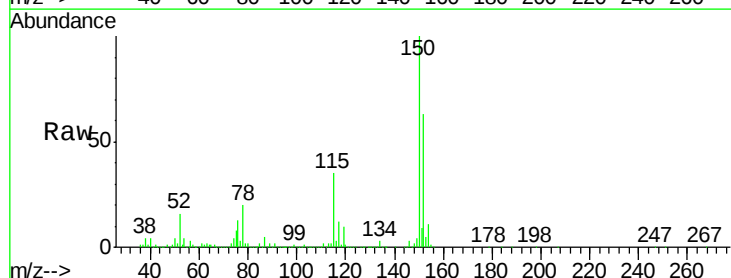
Manual Integrations
APPROVED

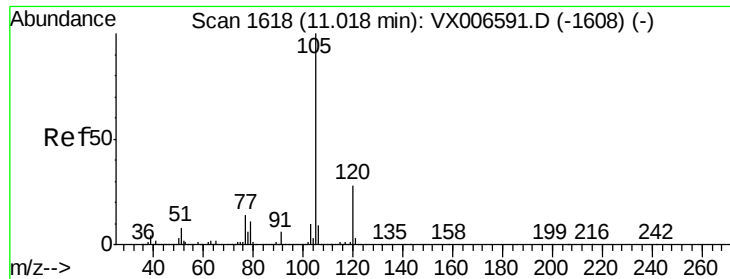
MMDadoda
1/4/2019 10:01:20 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.1	117.2
150	161.8	0.0	344.8





#73

Isopropylbenzene

Concen: 19.743 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion:105 Resp: 491588

Ion Ratio Lower Upper

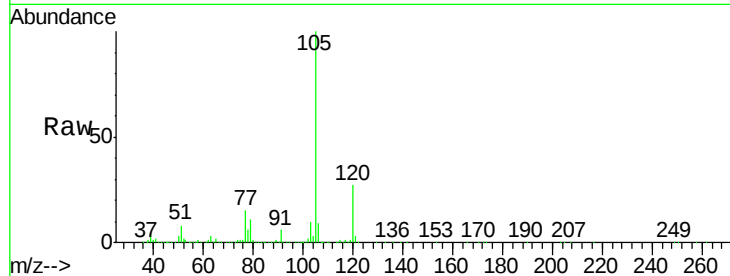
105 100

120 27.4 14.1 42.4

Manual Integrations
APPROVED

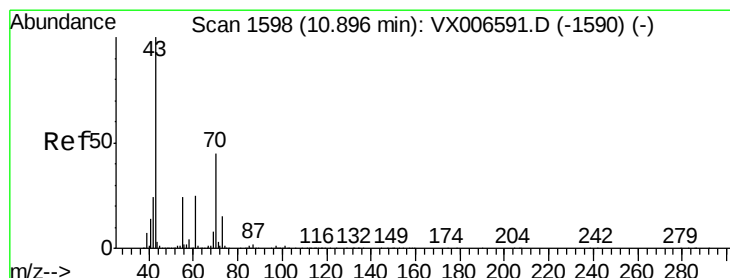
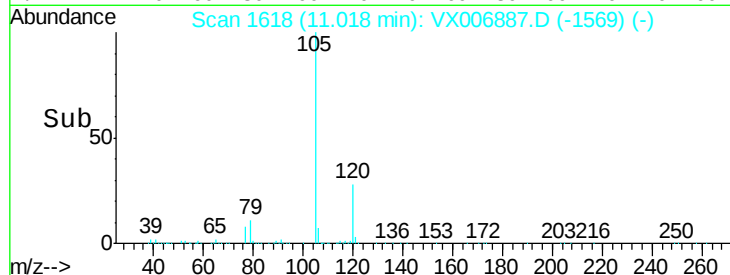
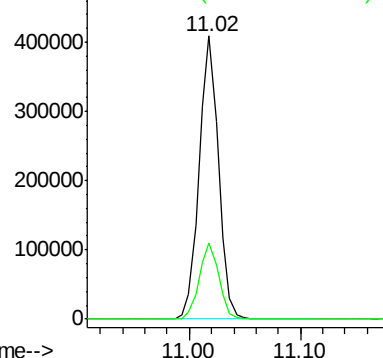
MMDadoda

1/4/2019 10:01:20 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.242 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion: 43 Resp: 198226

Ion Ratio Lower Upper

43 100

70 41.3 35.8 53.8

55 23.6 19.4 29.0

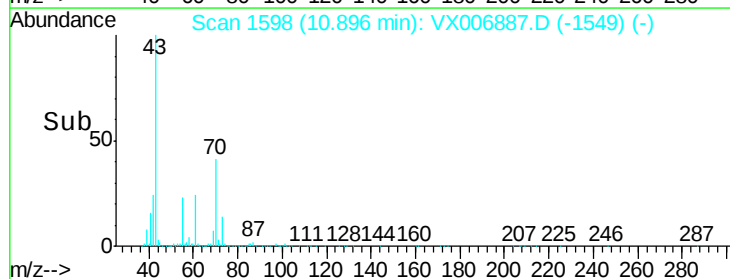
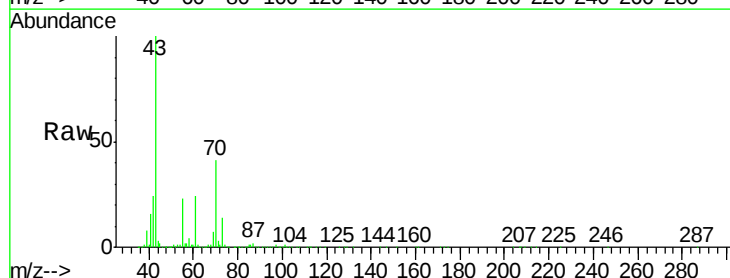
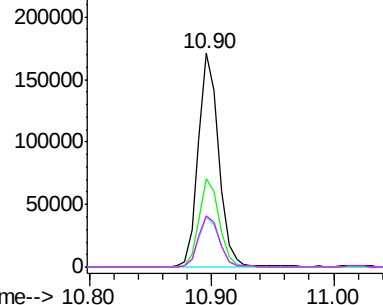
61 24.7 20.1 30.1

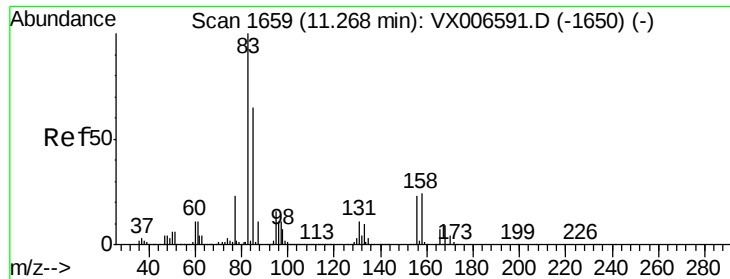
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.236 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion: 83 Resp: 157253

Ion Ratio Lower Upper

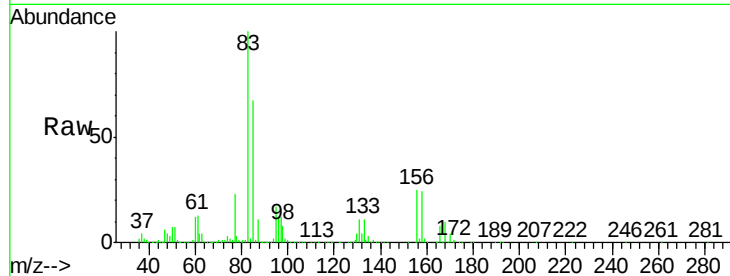
83 100

131 11.4 5.7 17.1

85 65.2 32.2 96.6

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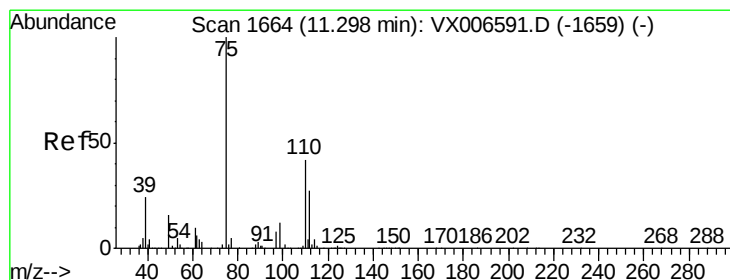
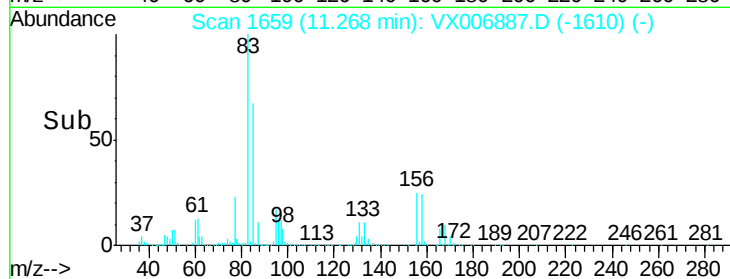
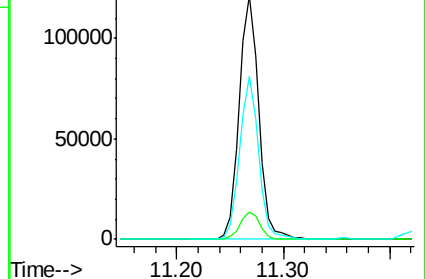
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.724 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006887.D

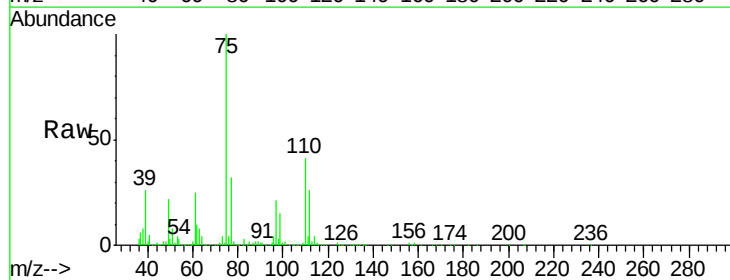
Acq: 03 Jan 2019 11:52

Tgt Ion: 75 Resp: 146936

Ion Ratio Lower Upper

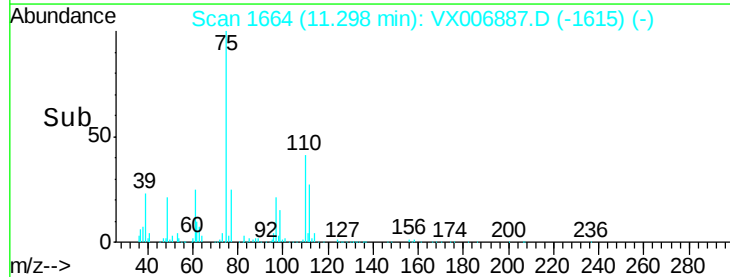
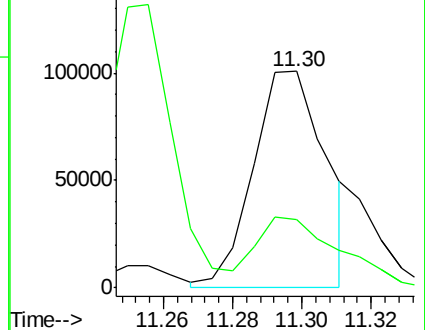
75 100

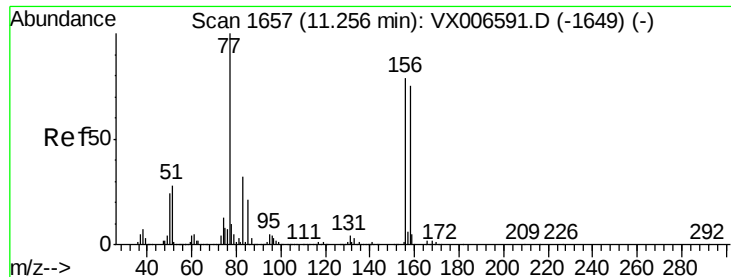
77 37.2 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.988 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

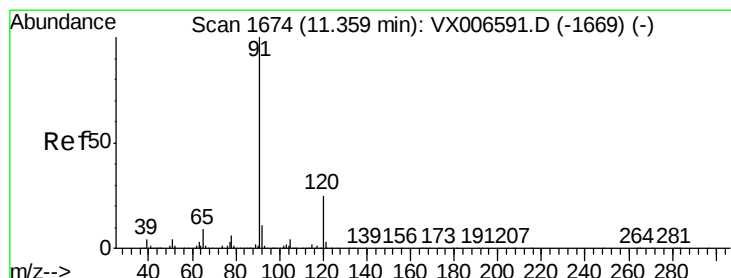
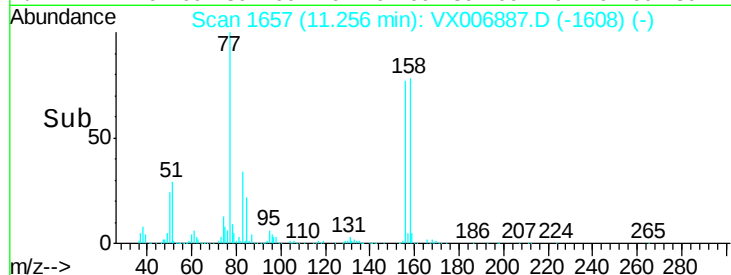
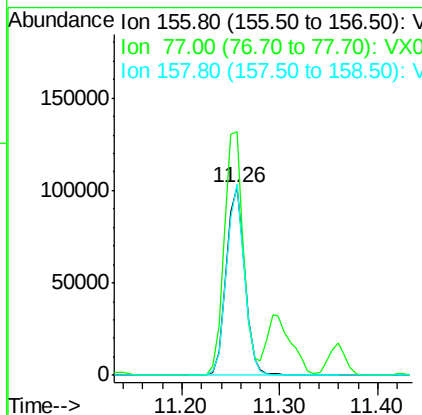
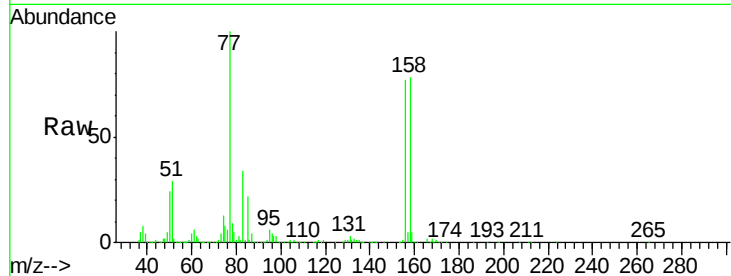
ClientSampleId :

VX0103WBS01

Tot Ion:	156	Resp:	134551
Ion Ratio	Lower	Upper	
156	100		
77	134.2	68.0	204.0
158	98.3	48.3	144.8

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#78

n-propylbenzene

Concen: 19.585 ug/l

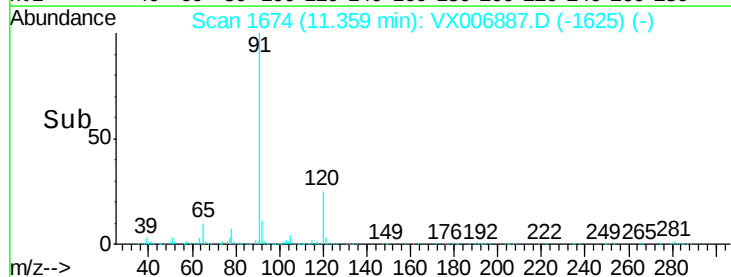
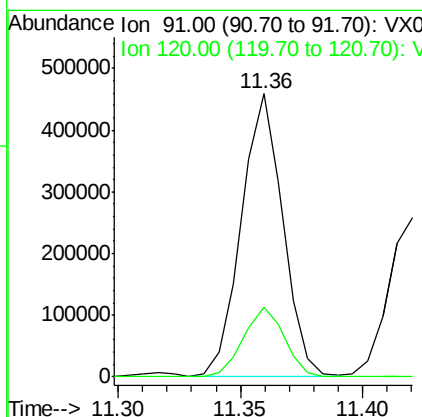
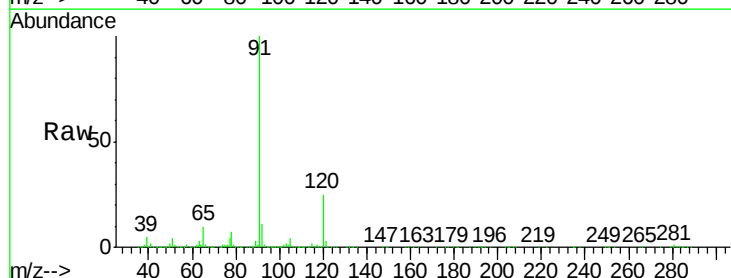
RT: 11.36 min Scan# 1674

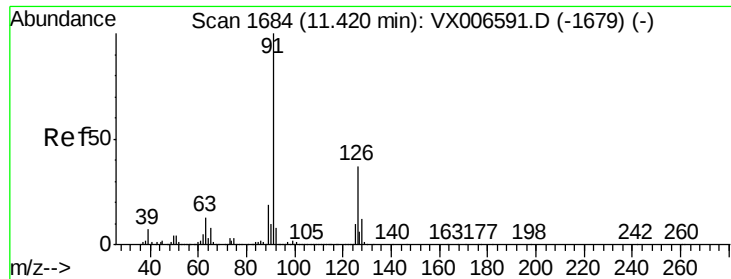
Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	91	Resp:	537013
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.455 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

Tot Ion: 91 Resp: 323259

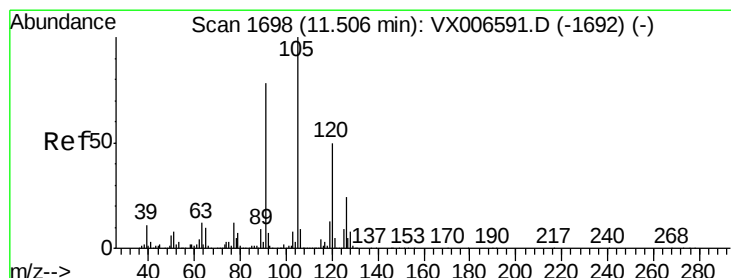
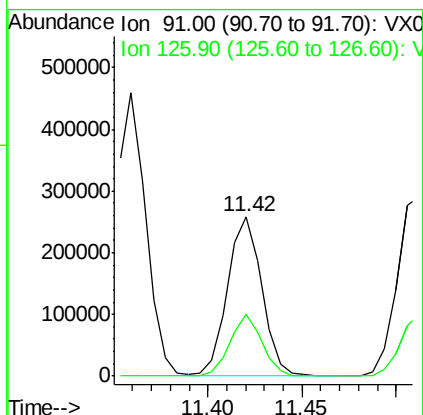
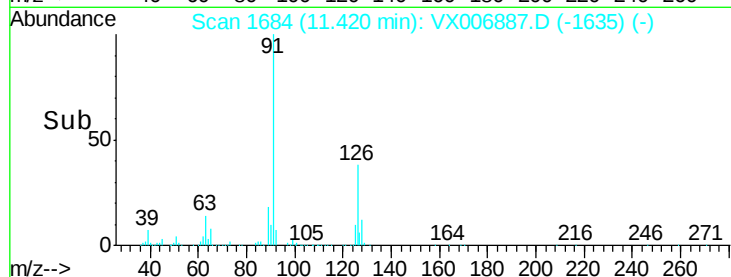
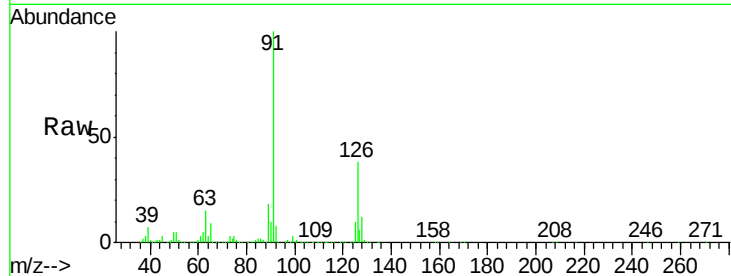
Ion Ratio Lower Upper

91 100

126 36.7 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.736 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006887.D

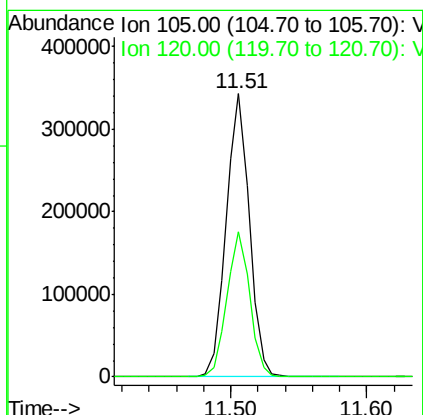
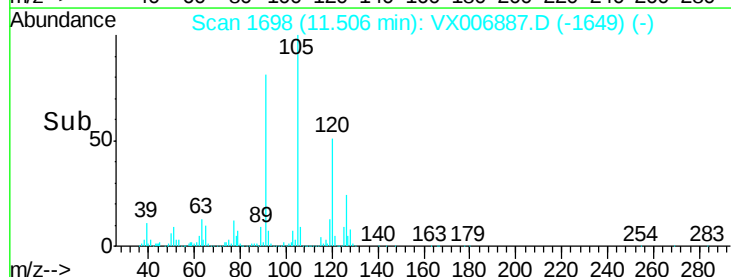
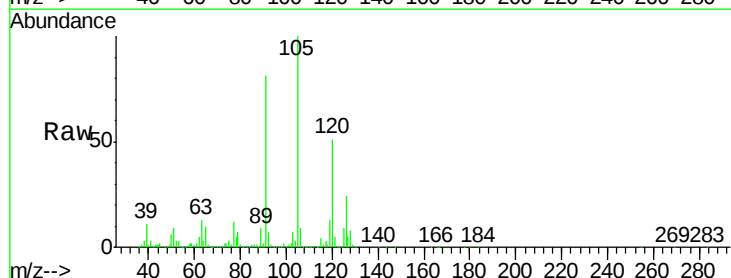
Acq: 03 Jan 2019 11:52

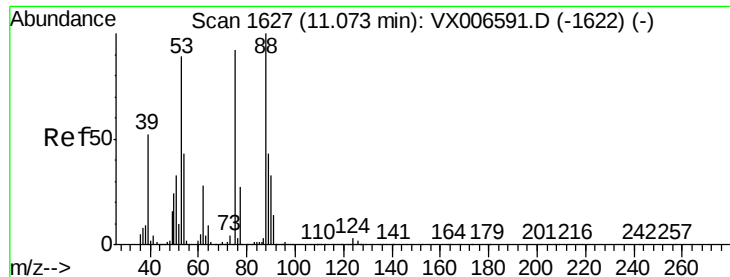
Tgt Ion: 105 Resp: 404755

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.414 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

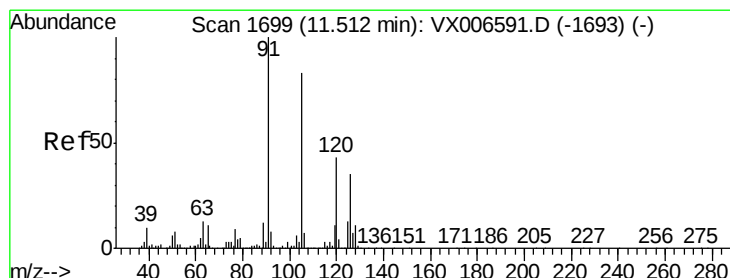
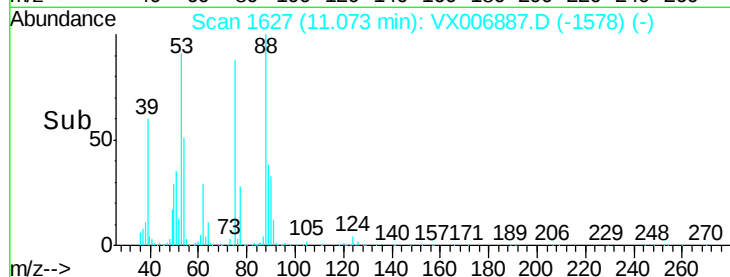
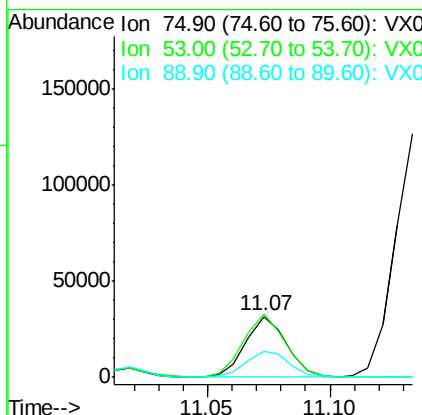
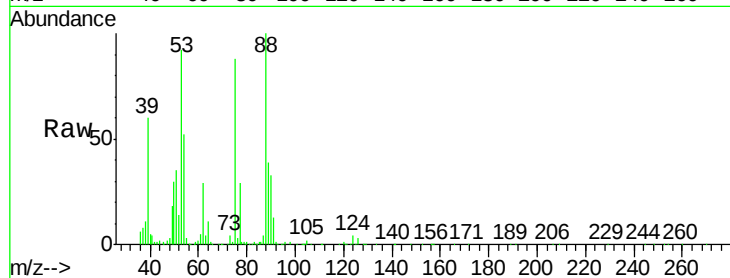
ClientSampleId :

VX0103WBS01

Tot Ion:	75	Resp:	36863
Ion	Ratio	Lower	Upper
75	100		
53	107.3	79.7	119.5
89	45.7	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.557 ug/l

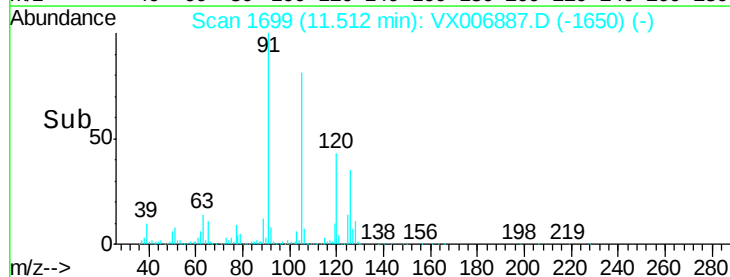
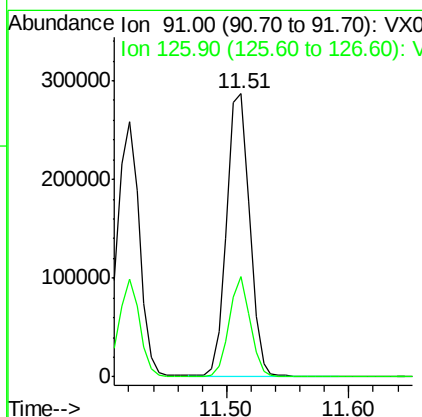
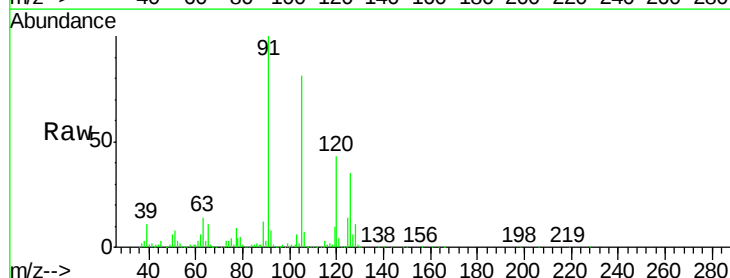
RT: 11.51 min Scan# 1699

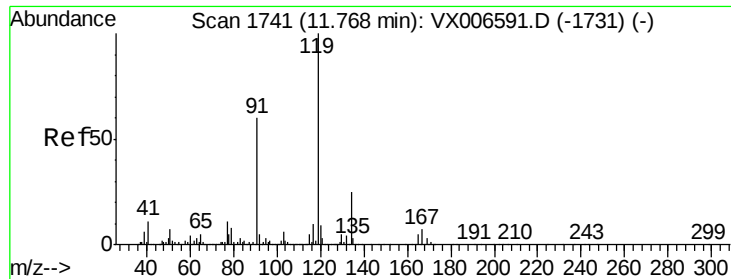
Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	91	Resp:	372747
Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.3	48.9





#83

tert-Butylbenzene

Concen: 19.545 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

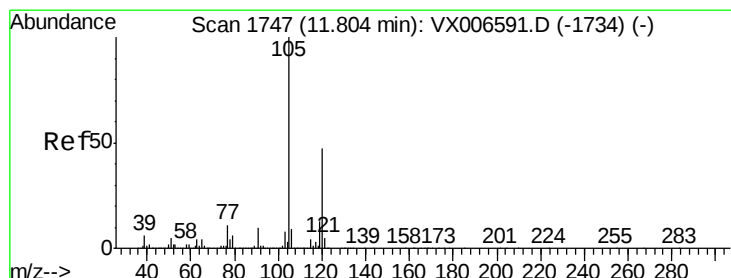
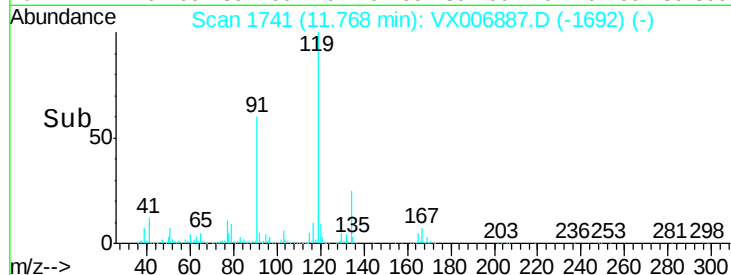
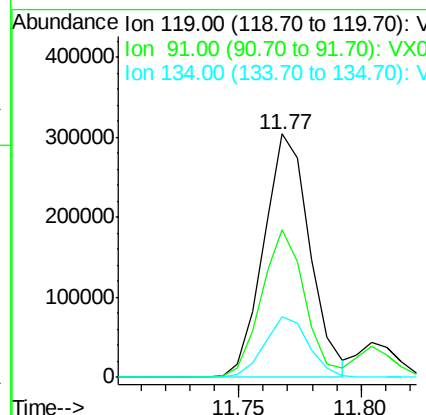
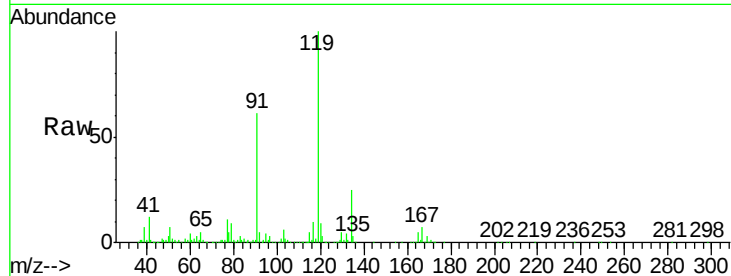
ClientSampleId :

VX0103WBS01

Tot Ion:	119	Resp:	401175
Ion Ratio		Lower	Upper
119	100		
91	56.9	27.7	83.1
134	24.1	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.236 ug/l

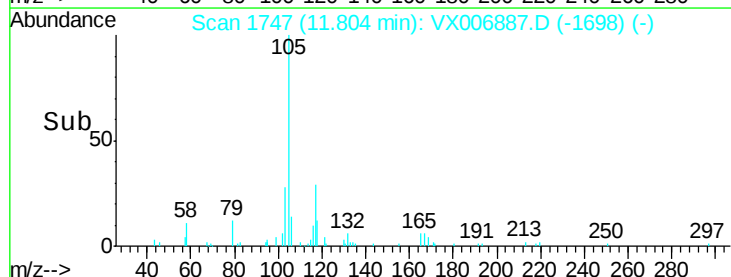
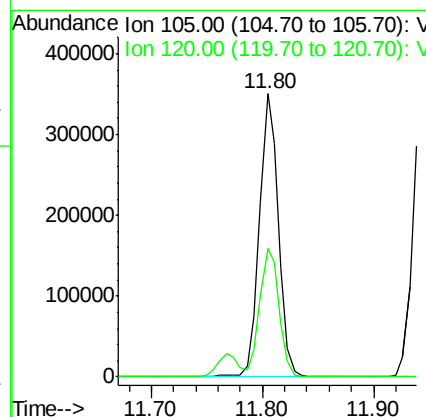
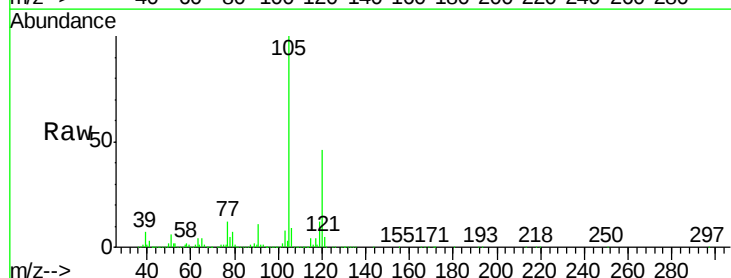
RT: 11.80 min Scan# 1747

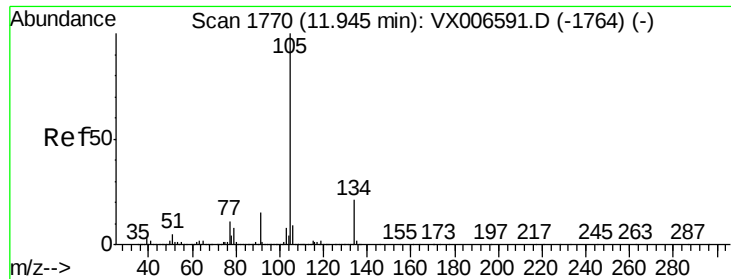
Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	105	Resp:	414953
Ion Ratio		Lower	Upper
105	100		
120	46.3	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.221 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion:105 Resp: 483702

Ion Ratio Lower Upper

105 100

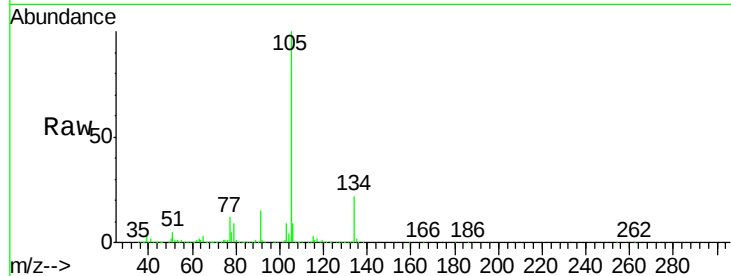
134 21.3 10.7 31.9

Manual Integrations

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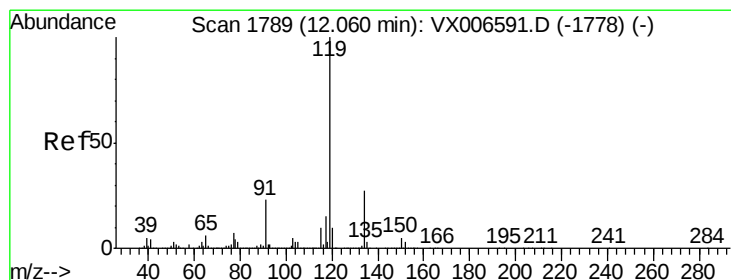
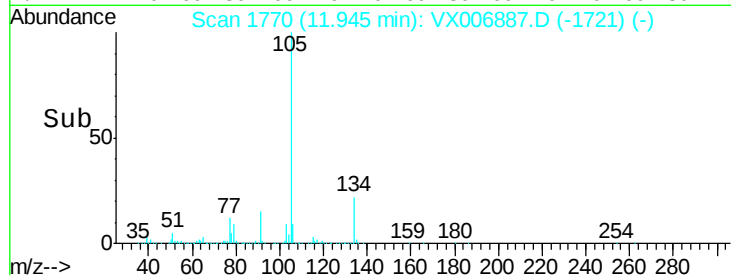
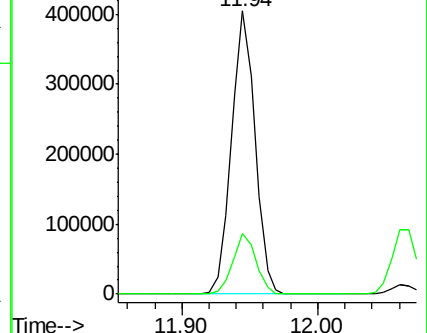
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.554 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

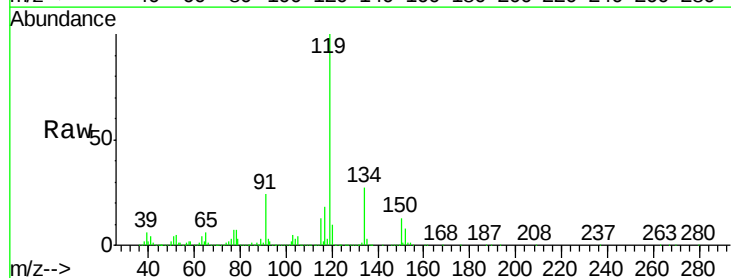
Tgt Ion:119 Resp: 432560

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

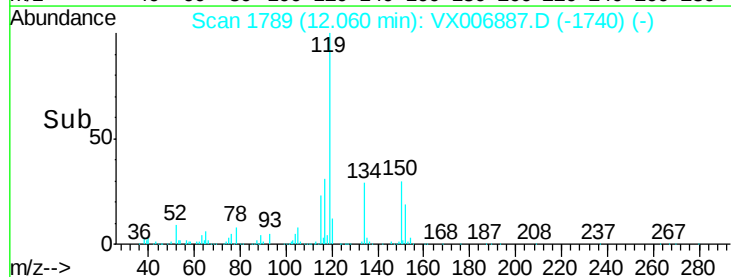
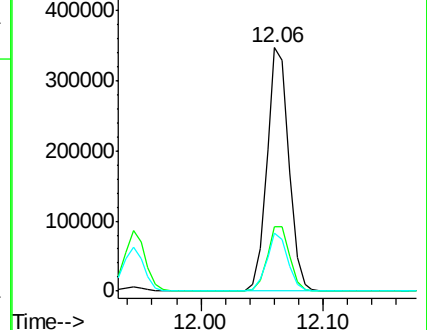
91 23.3 11.3 33.9

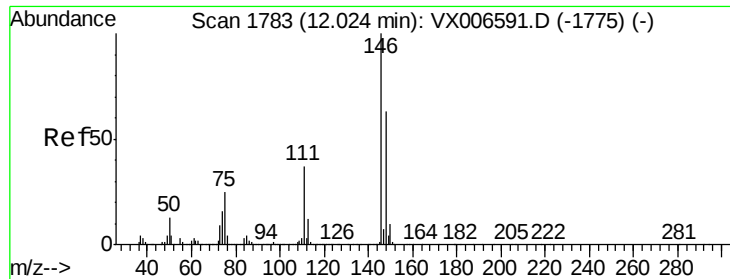


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





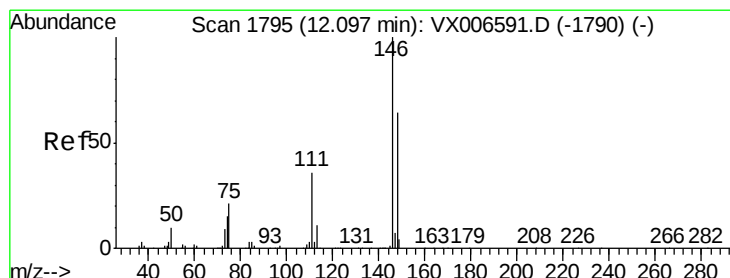
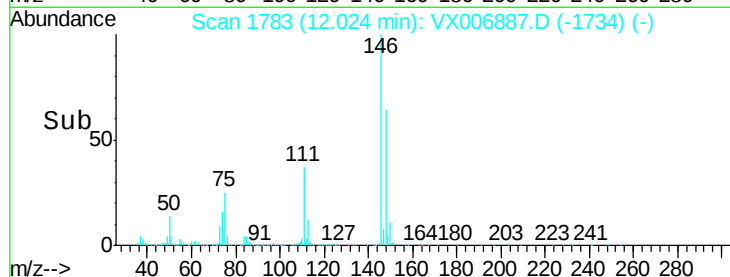
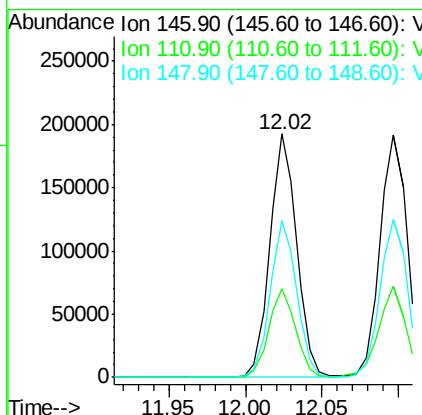
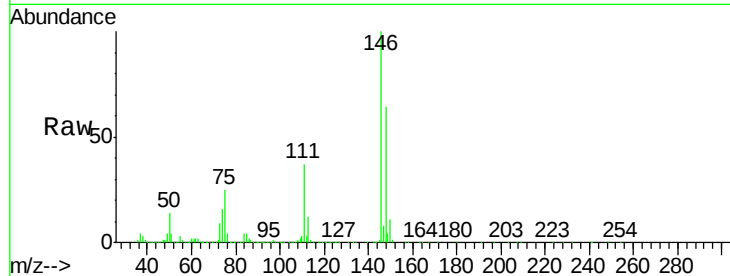
#87
 1,3-Dichlorobenzene
 Concen: 19.435 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0103WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.8
148	63.7	31.8	95.3

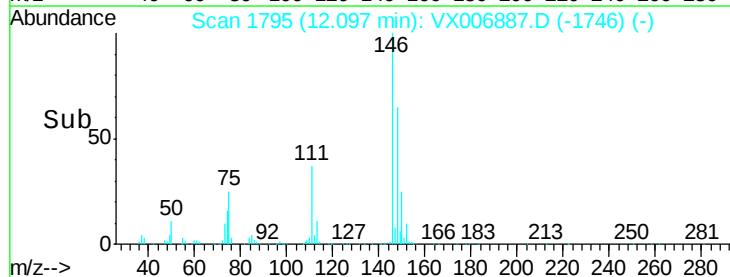
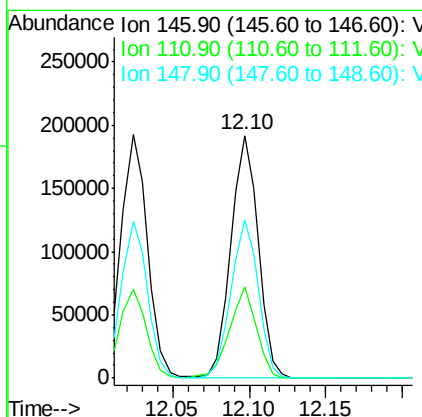
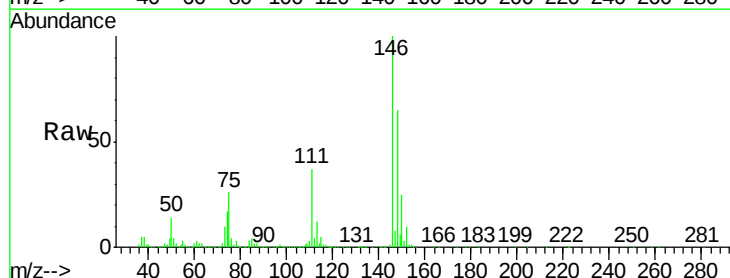
Manual Integrations
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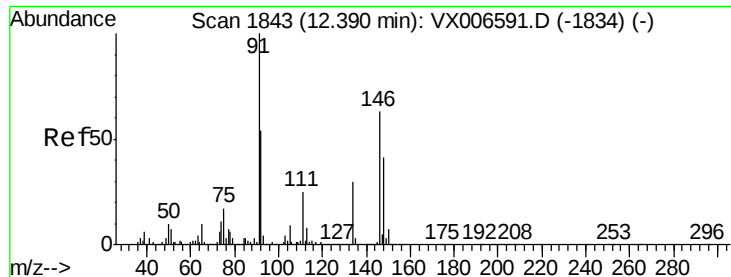
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#88
 1,4-Dichlorobenzene
 Concen: 19.075 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	65.4	31.9	95.9





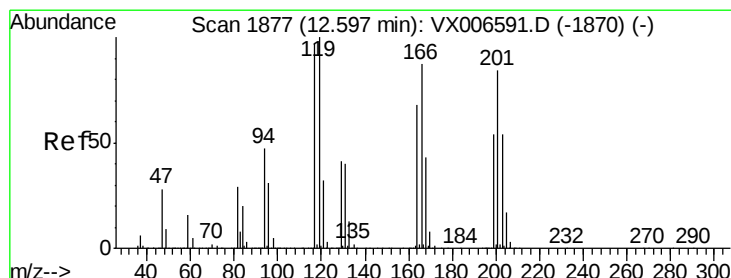
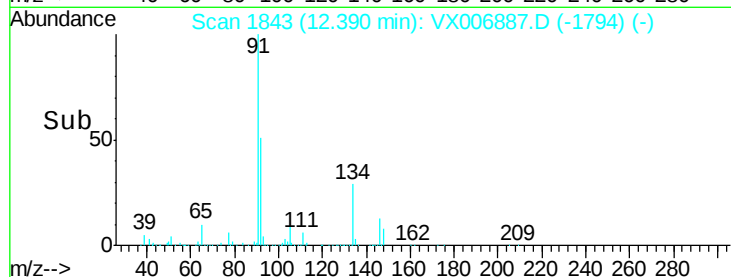
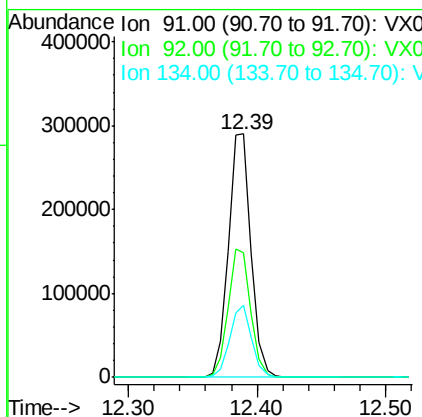
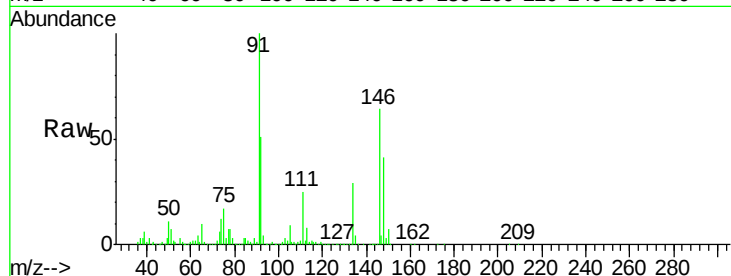
#89
n-Butylbenzene
Concen: 19.001 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	357731		
92	52.7	26.8	80.4	
134	28.5	14.4	43.2	

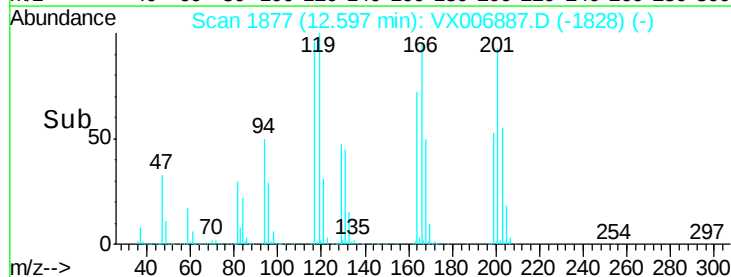
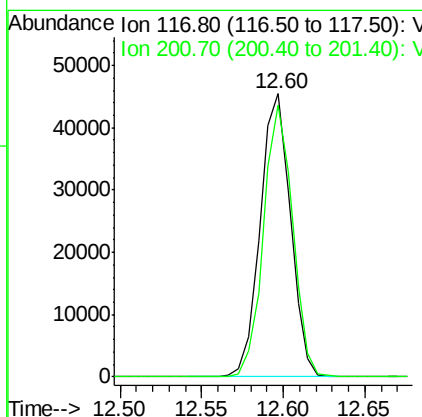
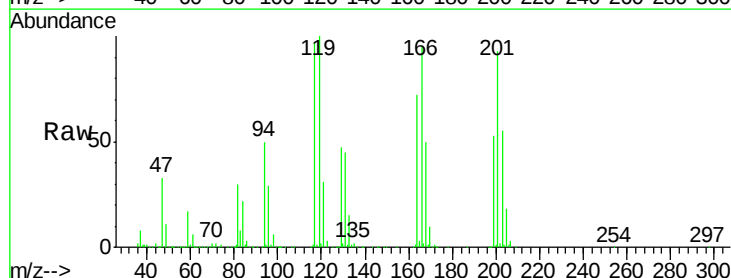
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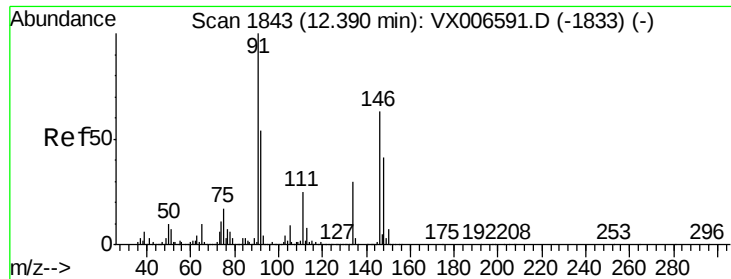
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1/4/2019 10:01:20 AM



#90
Hexachloroethane
Concen: 19.219 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59027		
201	91.6	42.9	128.7	





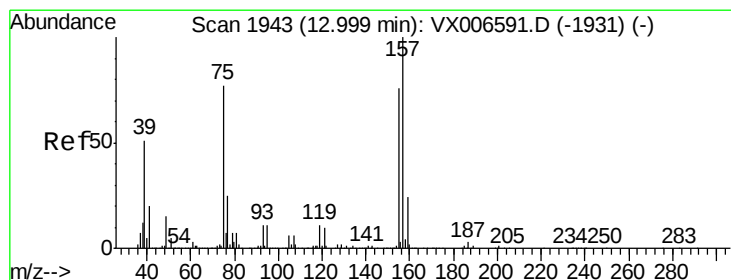
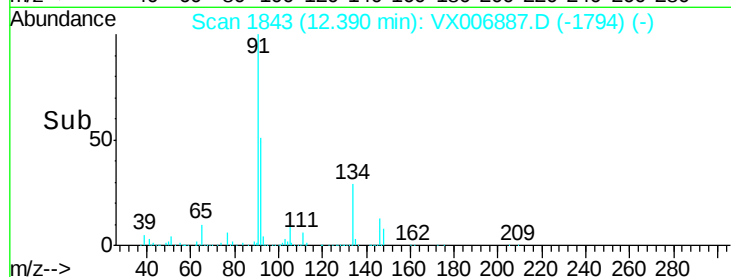
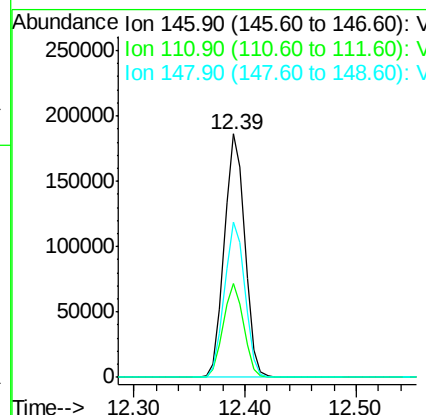
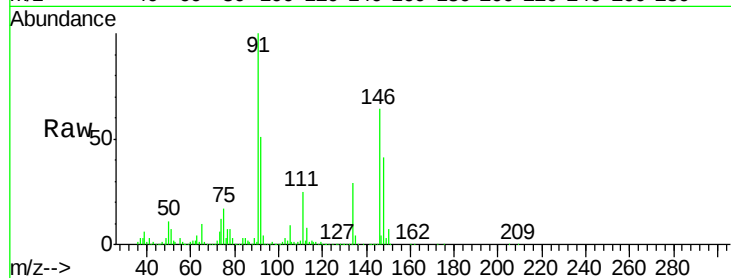
#91
 1,2-Dichlorobenzene
 Concen: 19.534 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	237066		
111	38.5	19.4	58.2	
148	64.1	32.3	96.9	

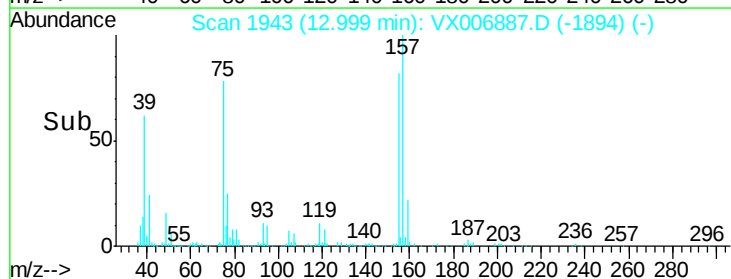
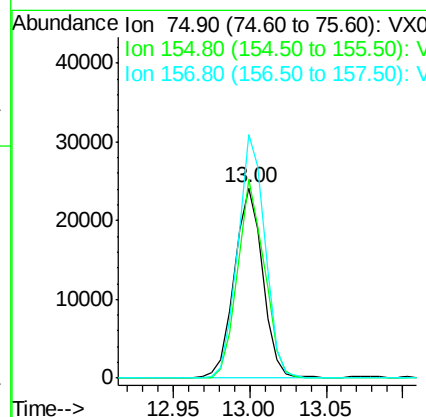
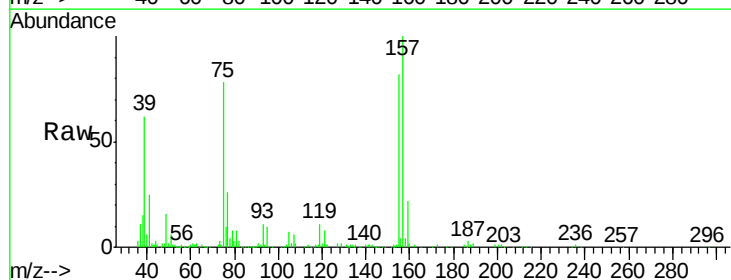
Manual Integrations
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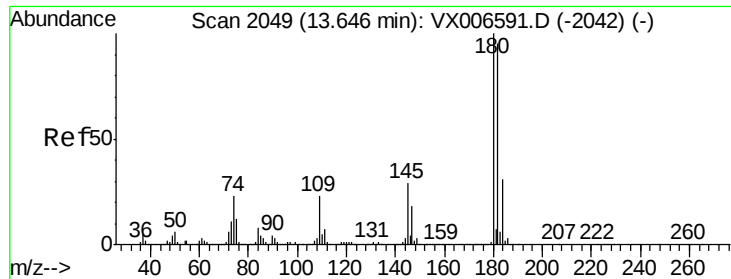
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.299 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006887.D
 Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31102		
155	98.5	50.6	151.8	
157	122.9	64.6	193.8	





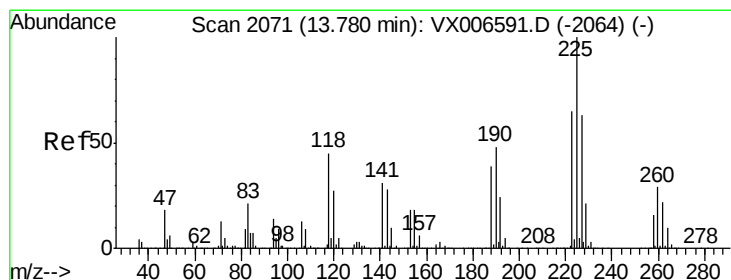
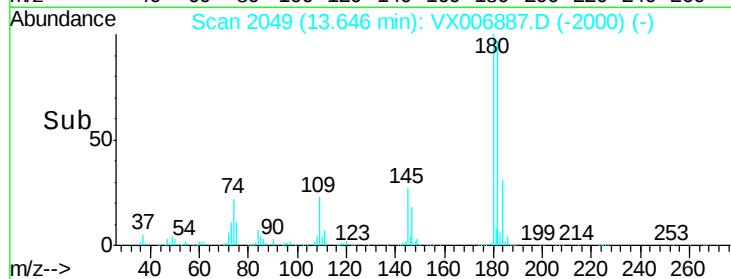
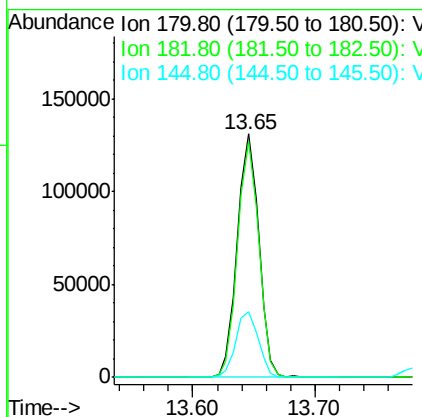
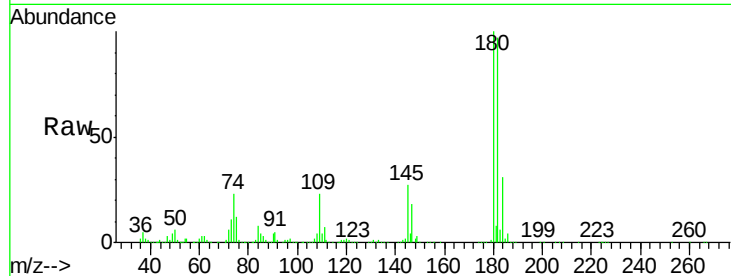
#93
1,2,4-Trichlorobenzene
Concen: 19.032 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	159322		
182	95.2	47.3	142.0	
145	28.3	14.8	44.3	

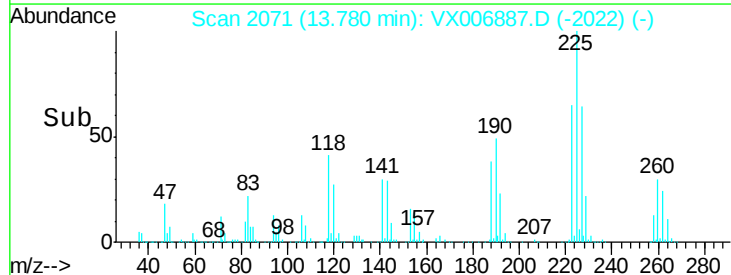
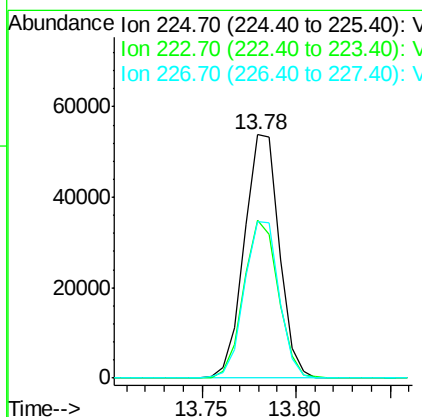
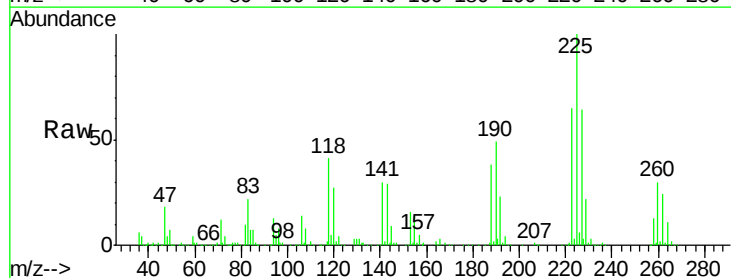
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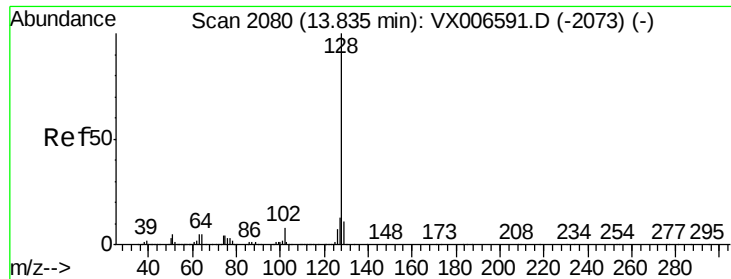
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#94
Hexachlorobutadiene
Concen: 17.538 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006887.D
Acq: 03 Jan 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69202		
223	63.8	32.1	96.3	
227	64.1	32.3	96.8	





#95

Naphthalene

Concen: 18.764 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Instrument :

MSVOA_X

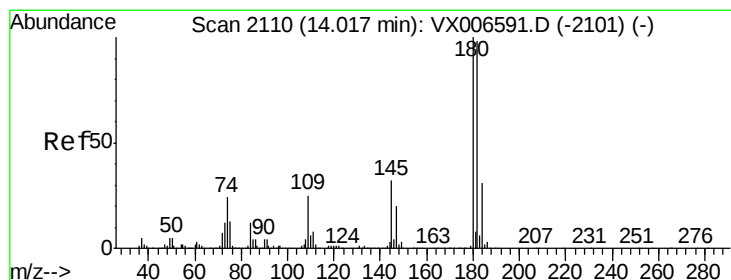
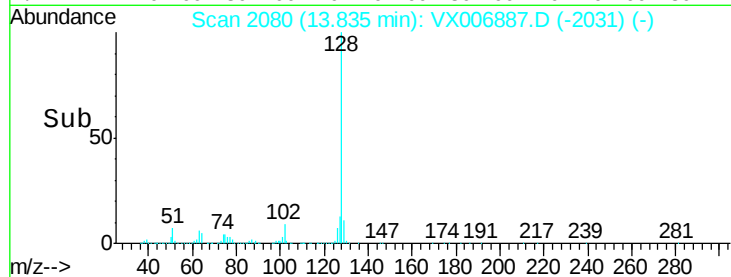
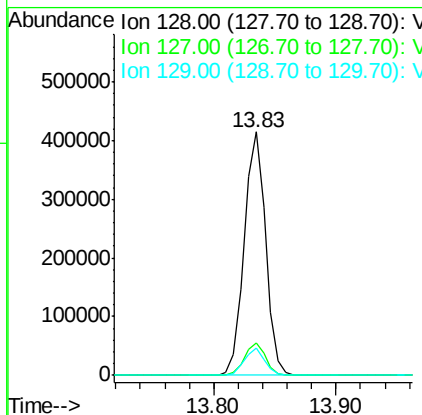
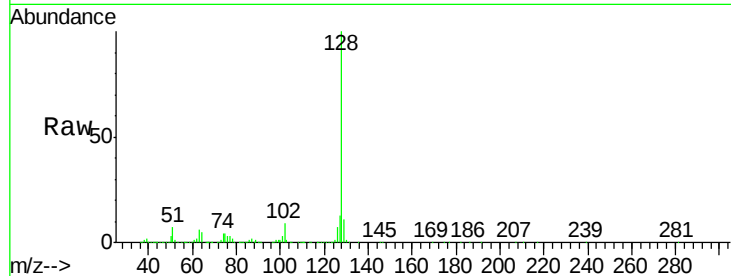
ClientSampleId :

VX0103WBS01

Tot Ion:	128	Resp:	501351
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 18.221 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006887.D

Acq: 03 Jan 2019 11:52

Tgt Ion:	180	Resp:	157492
Ion Ratio	Lower	Upper	
180	100		
182	98.3	48.5	145.5
145	31.3	16.0	47.9

