

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006919.D
 Acq On : 04 Jan 2019 17:51
 Operator : JC/MD
 Sample : VX0104WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 12:28:54 PM

Quant Time: Jan 04 23:05:43 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	5.67	168	508320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	766109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	679484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342404	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	270332	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.68%		
35) Dibromofluoromethane	5.50	113	244176	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.80%		
50) Toluene-d8	8.71	98	883631	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.76%		
62) 4-Bromofluorobenzene	11.13	95	311492	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.14%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	69662	14.980	ug/l	97
3) Chloromethane	1.33	50	82007	16.369	ug/l	97
4) Vinyl Chloride	1.41	62	89484	17.102	ug/l	98
5) Bromomethane	1.64	94	89833	17.138	ug/l	99
6) Chloroethane	1.71	64	59603	16.451	ug/l	95
7) Trichlorofluoromethane	1.93	101	150564	18.457	ug/l	97
8) Diethyl Ether	2.19	74	63029	19.452	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90783	18.953	ug/l	100
10) Methyl Iodide	2.51	142	109373	15.952	ug/l	99
11) Tert butyl alcohol	3.08	59	131325	107.411	ug/l	97
12) 1,1-Dichloroethene	2.37	96	83034	18.283	ug/l	96
13) Acrolein	2.30	56	72933	88.425	ug/l	100
14) Allyl chloride	2.73	41	145436	19.024	ug/l	97
15) Acrylonitrile	3.15	53	284751	104.894	ug/l	99
16) Acetone	2.45	43	240798	95.670	ug/l	97
17) Carbon Disulfide	2.57	76	158050	13.150	ug/l	98
18) Methyl Acetate	2.78	43	197221	26.648	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	322827	21.416	ug/l	100
20) Methylene Chloride	2.86	84	100105	19.234	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	88824	17.651	ug/l	96
22) Diisopropyl ether	3.87	45	294029	21.024	ug/l	97
23) Vinyl Acetate	3.82	43	1170754	102.341	ug/l	99
24) 1,1-Dichloroethane	3.70	63	157802	18.901	ug/l	98
25) 2-Butanone	4.70	43	360710	101.883	ug/l	100
26) 2,2-Dichloropropane	4.59	77	108547	16.831	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	106942	19.262	ug/l	98
28) Bromochloromethane	5.01	49	73772	19.844	ug/l	94
29) Tetrahydrofuran	5.15	42	242258	103.891	ug/l	97
30) Chloroform	5.21	83	173067	20.018	ug/l	100
31) Cyclohexane	5.57	56	126219	16.641	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	137812	18.878	ug/l	98
36) 1,1-Dichloropropene	5.80	75	114948	18.116	ug/l	99
37) Ethyl Acetate	4.85	43	137932	20.886	ug/l	99
38) Carbon Tetrachloride	5.78	117	115360	18.708	ug/l	89

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Quant Time: Jan 04 23:05:43 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)
39) Methylcyclohexane	7.46	83	133908	16.030	ug/l	99
40) Benzene	6.14	78	377325	19.564	ug/l	100
41) Methacrylonitrile	5.06	41	76380	21.784	ug/l	97
42) 1,2-Dichloroethane	6.20	62	129957	19.774	ug/l	99
43) Isopropyl Acetate	6.46	43	214596	21.356	ug/l	99
44) Trichloroethene	7.21	130	105403	18.056	ug/l	99
45) 1,2-Dichloropropane	7.51	63	97670	20.810	ug/l	96
46) Dibromomethane	7.66	93	68242	19.767	ug/l	100
47) Bromodichloromethane	7.90	83	111505	19.454	ug/l	98
48) Methyl methacrylate	7.77	41	110325	21.590	ug/l	97
49) 1,4-Dioxane	7.75	88	54554	396.028	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	691074	108.089	ug/l	99
52) Toluene	8.79	92	238594	19.148	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	116523	18.956	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	131217	19.454	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105128	20.612	ug/l	97
56) Ethyl methacrylate	9.18	69	147617	20.478	ug/l	96
57) 1,3-Dichloropropane	9.37	76	166290	20.265	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	381814	99.643	ug/l	100
59) 2-Hexanone	9.49	43	519606	106.219	ug/l	98
60) Dibromochloromethane	9.58	129	95355	19.369	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108544	20.020	ug/l	99
64) Tetrachloroethene	9.34	164	100780	18.731	ug/l	95
65) Chlorobenzene	10.14	112	278377	19.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94842	21.147	ug/l	99
67) Ethyl Benzene	10.25	91	445610	18.970	ug/l	100
68) m/p-Xylenes	10.36	106	349764	37.735	ug/l	99
69) o-Xylene	10.70	106	175083	19.129	ug/l	99
70) Styrene	10.71	104	278707	19.247	ug/l	100
71) Bromoform	10.86	173	65924	19.302	ug/l #	98
73) Isopropylbenzene	11.02	105	463244	19.776	ug/l	100
74) N-amyl acetate	10.90	43	187144	22.320	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	152738	21.925	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137570m	21.619	ug/l	
77) Bromobenzene	11.26	156	125106	19.755	ug/l	98
78) n-propylbenzene	11.36	91	498612	19.330	ug/l	100
79) 2-Chlorotoluene	11.42	91	304259	19.464	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	379247	19.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31959	18.223	ug/l	89
82) 4-Chlorotoluene	11.51	91	345765	19.283	ug/l	100
83) tert-Butylbenzene	11.77	119	378138	19.582	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	387638	19.101	ug/l	100
85) sec-Butylbenzene	11.94	105	450201	19.016	ug/l	99
86) p-Isopropyltoluene	12.06	119	403968	19.411	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	221002	19.363	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219291	18.742	ug/l	98
89) n-Butylbenzene	12.39	91	329295	18.592	ug/l	100
90) Hexachloroethane	12.60	117	54682	18.976	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	223161	19.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28361	19.675	ug/l	100

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

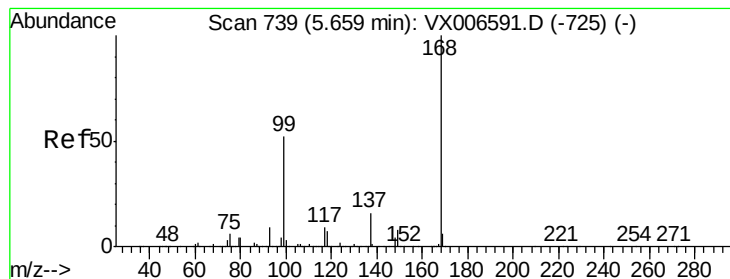
Manual Integrations
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1/7/2019 12:28:54 PM

Quant Time: Jan 04 23:05:43 2019
Quant Method : Z:\V0ASRV\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	148680	18.878	ug/l	99
94) Hexachlorobutadiene	13.78	225	64156	17.283	ug/l	99
95) Naphthalene	13.83	128	472735	18.807	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	151419	18.621	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion:168 Resp: 508320

Ion Ratio Lower Upper

168 100

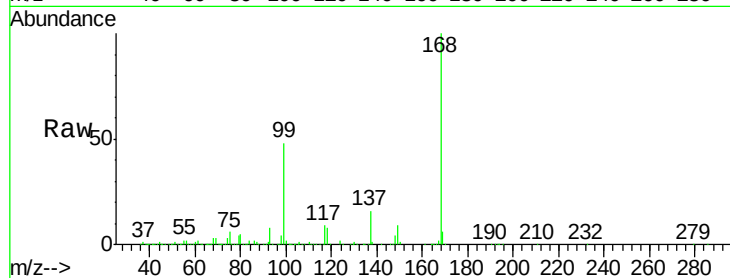
99 47.9 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

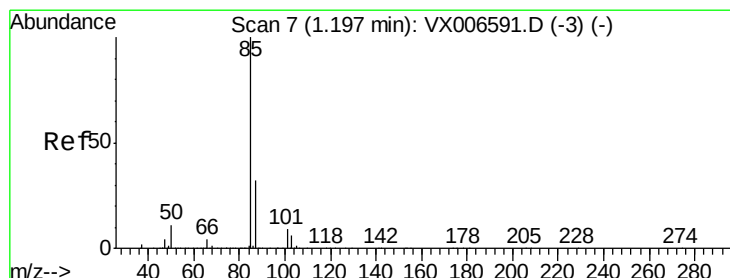
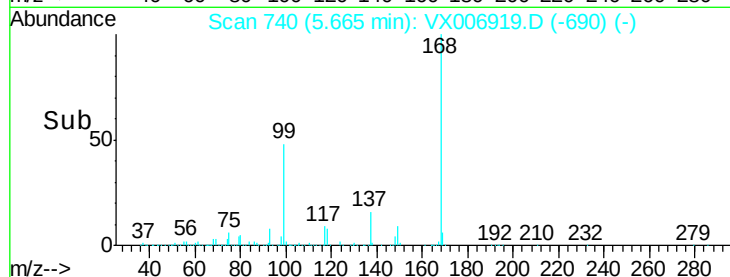
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.980 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006919.D

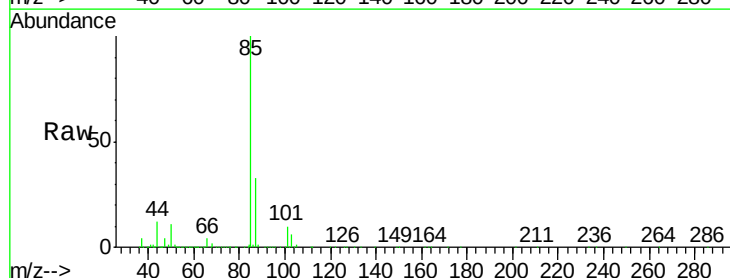
Acq: 04 Jan 2019 17:51

Tgt Ion: 85 Resp: 69662

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

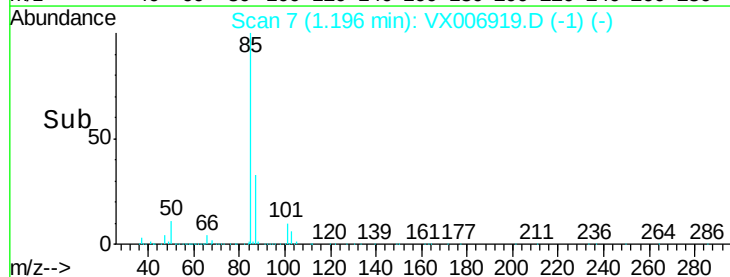
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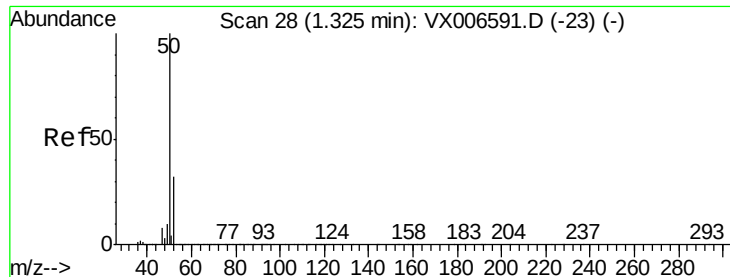
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.369 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion: 50 Resp: 82007

Ion Ratio Lower Upper

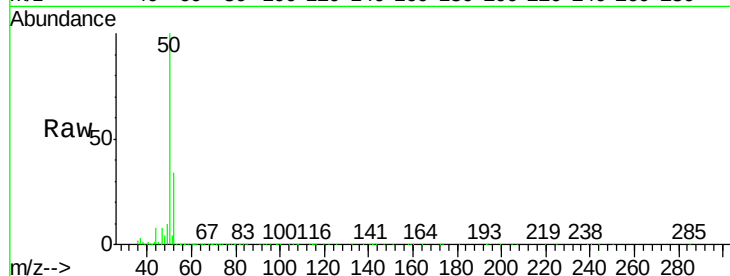
50 100

52 33.4 25.4 38.2

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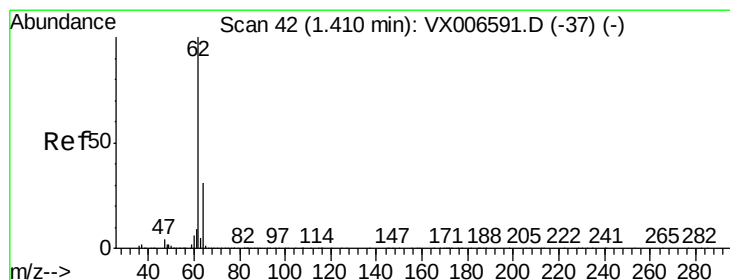
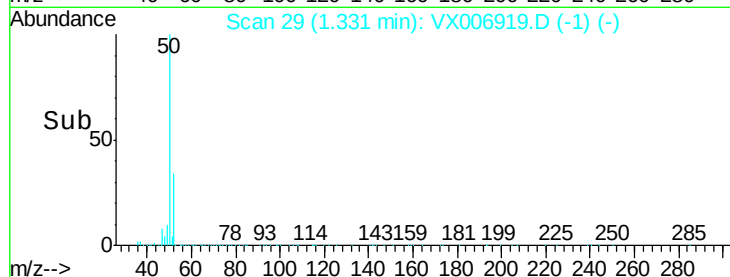
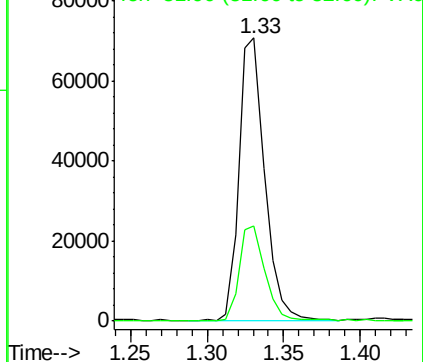
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.102 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006919.D

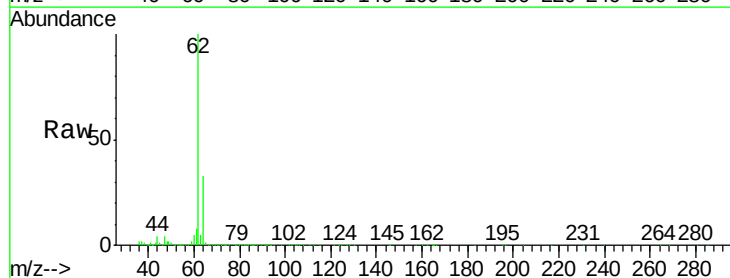
Acq: 04 Jan 2019 17:51

Tgt Ion: 62 Resp: 89484

Ion Ratio Lower Upper

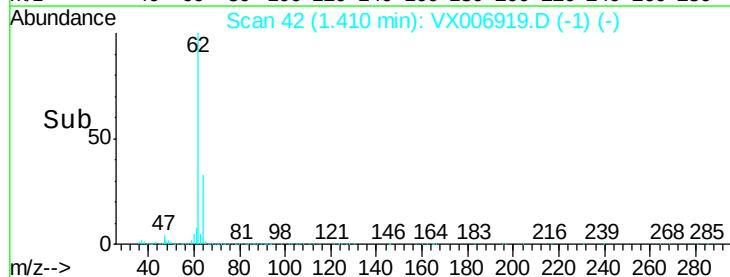
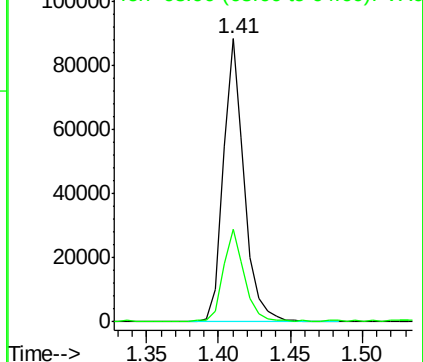
62 100

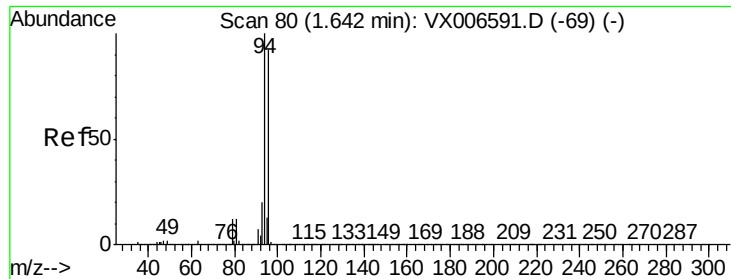
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.138 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion: 94 Resp: 89833

Ion Ratio Lower Upper

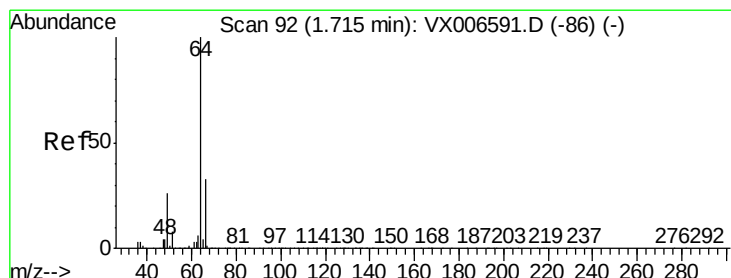
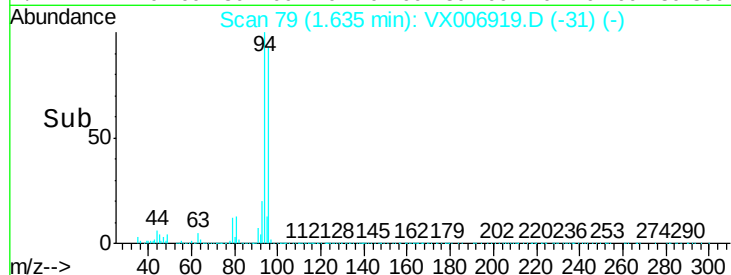
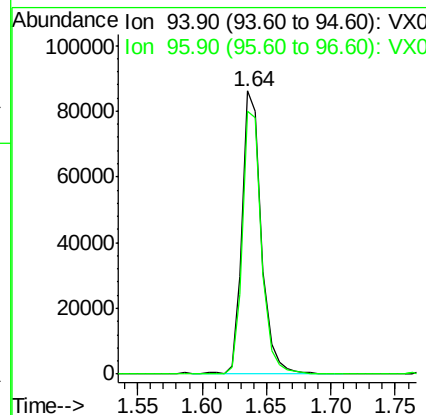
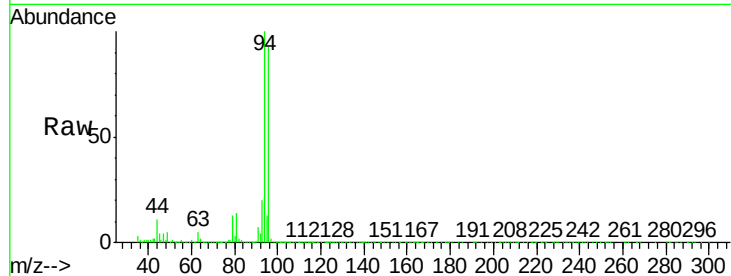
94 100

96 93.0 73.4 110.2

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#6

Chloroethane

Concen: 16.451 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006919.D

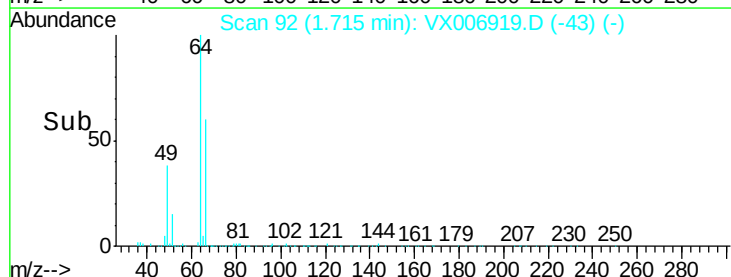
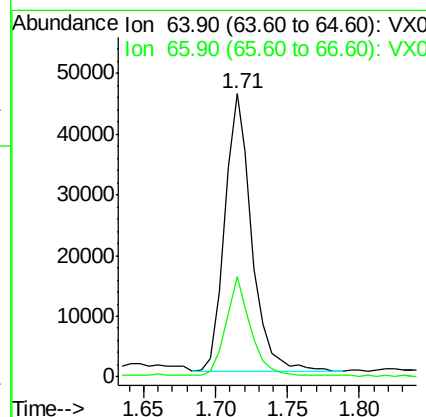
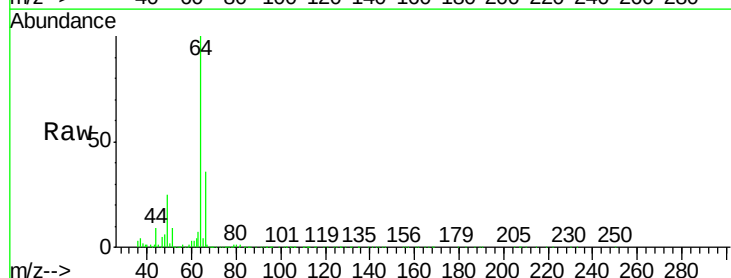
Acq: 04 Jan 2019 17:51

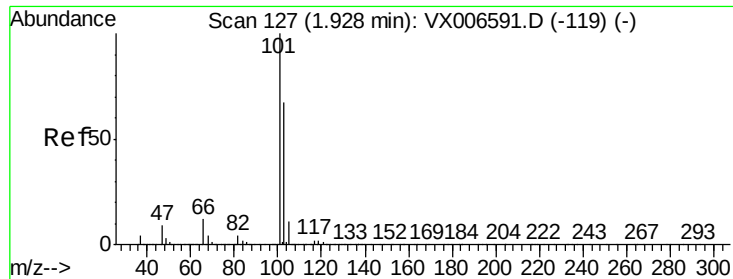
Tgt Ion: 64 Resp: 59603

Ion Ratio Lower Upper

64 100

66 35.9 26.4 39.6





#7

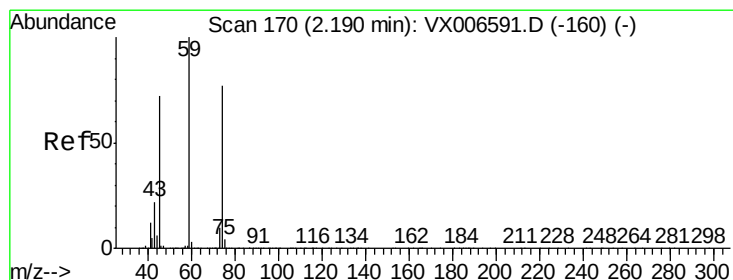
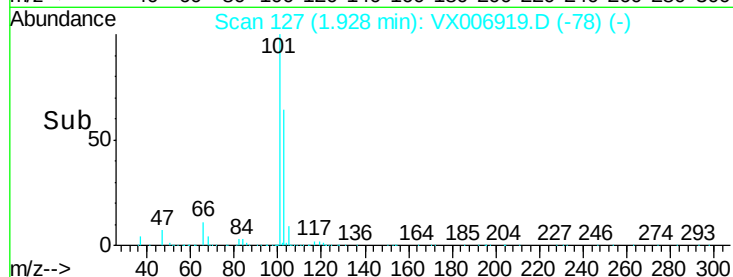
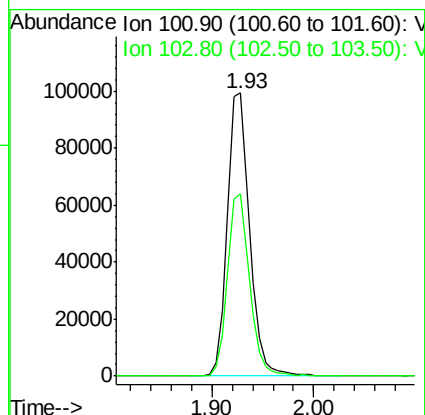
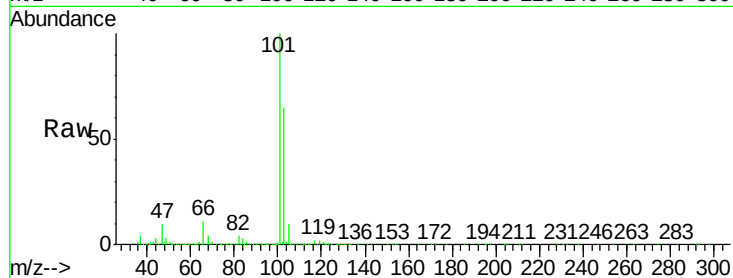
Trichlorofluoromethane
Concen: 18.457 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
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ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.2	79.8

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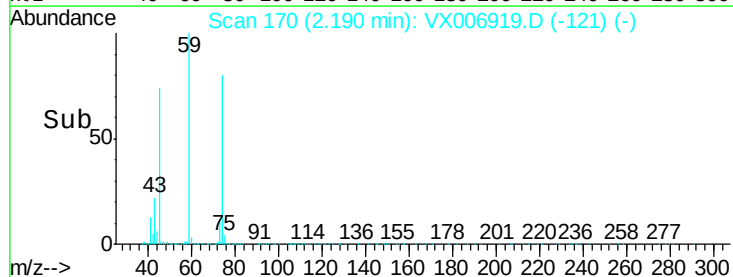
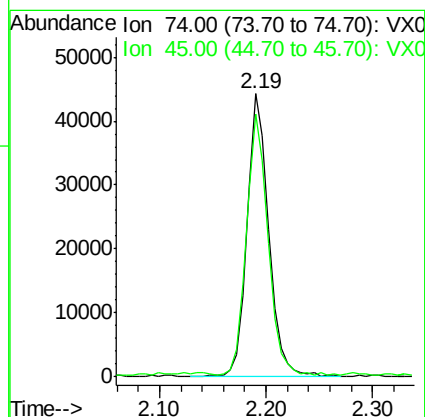
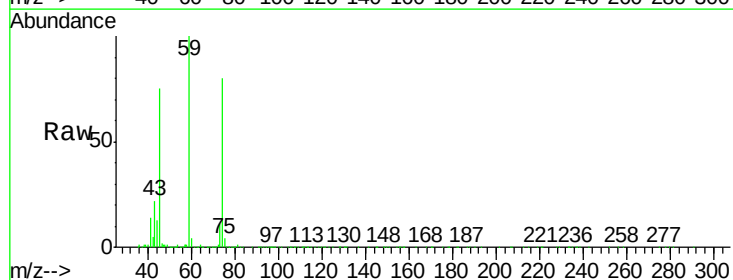
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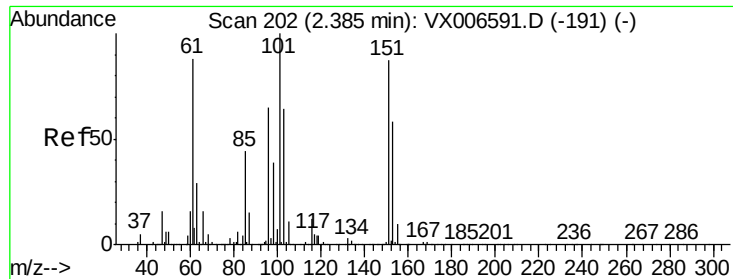


#8

Diethyl Ether
Concen: 19.452 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.953 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

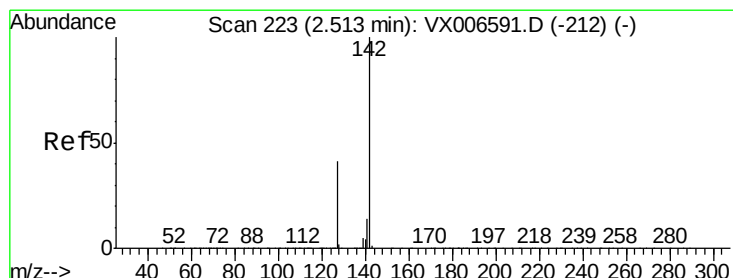
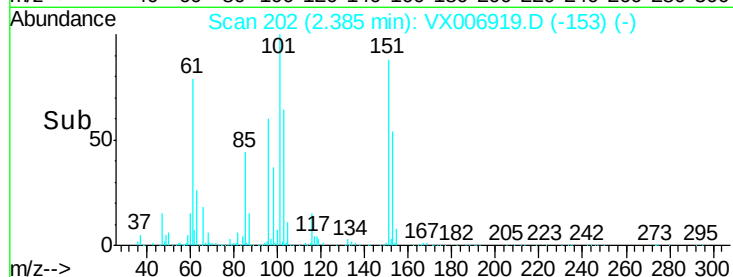
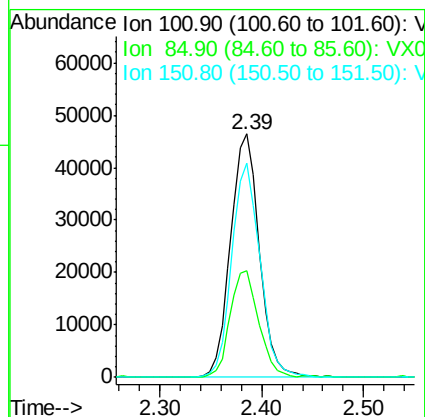
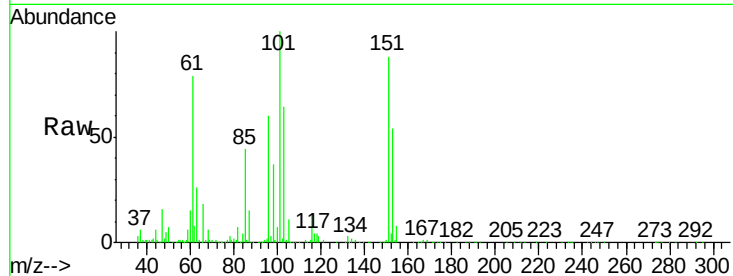
ClientSampleId :

VX0104WBSD01

Tot Ion:	101	Resp:	90783
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.1	52.7
151	86.1	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 15.952 ug/l

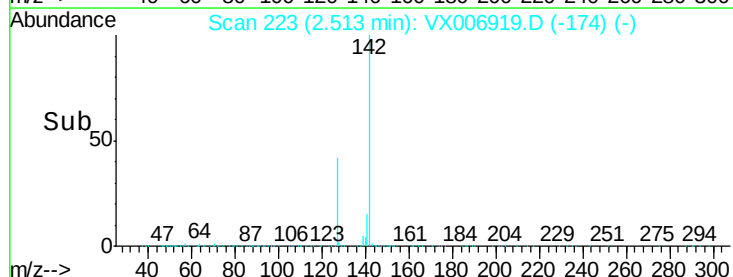
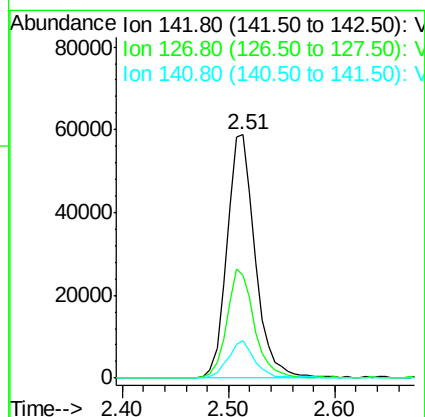
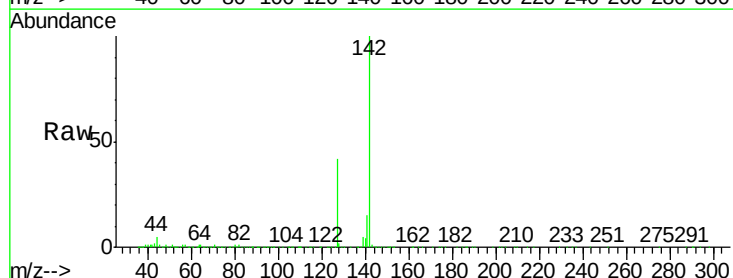
RT: 2.51 min Scan# 223

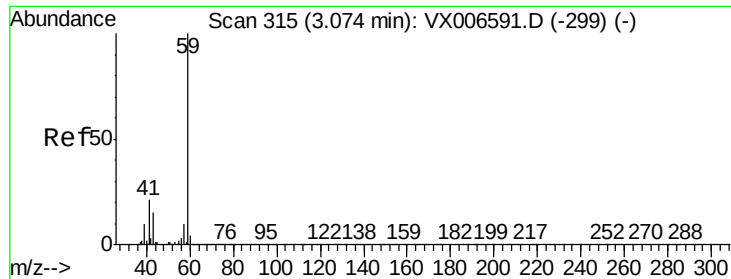
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	142	Resp:	109373
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.9	50.9
141	14.6	11.4	17.0





#11

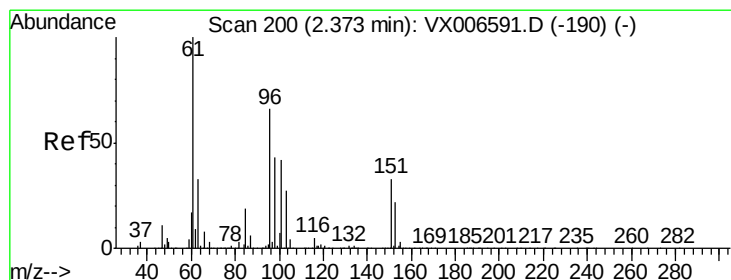
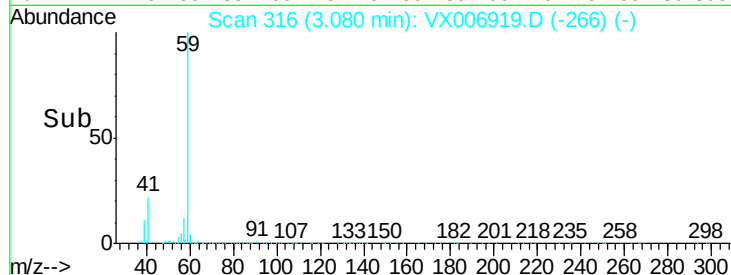
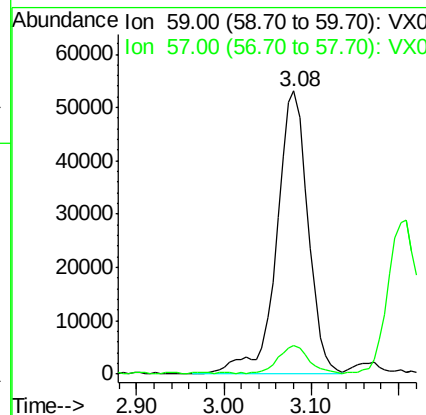
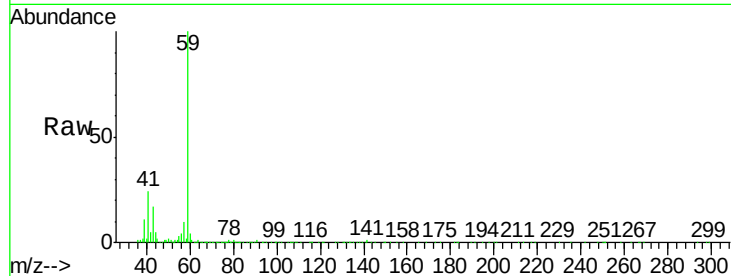
Tert butyl alcohol
Concen: 107.411 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.5	12.7

Manual Integrations
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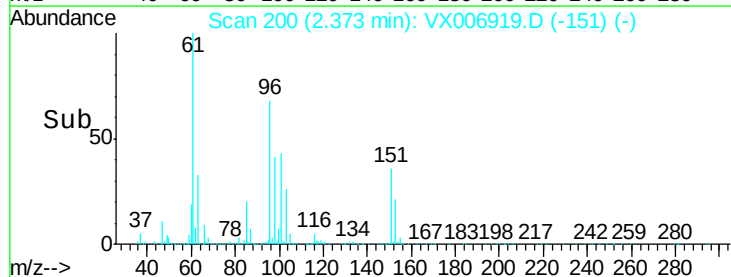
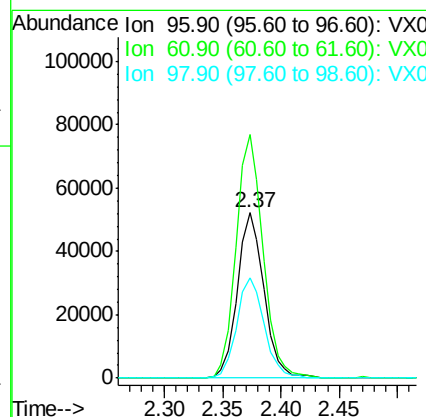
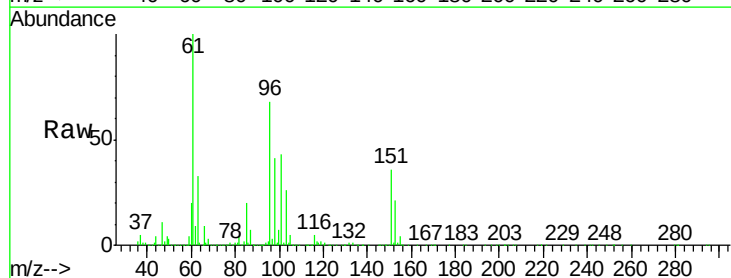
MMDadoda
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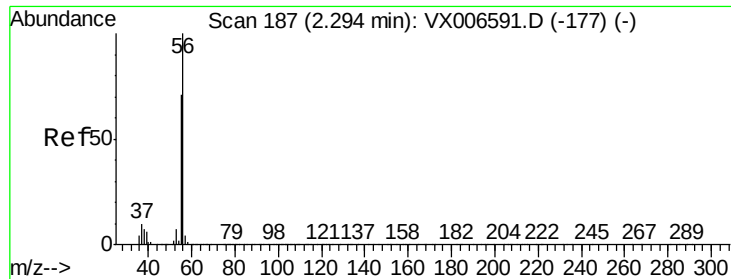


#12

1,1-Dichloroethene
Concen: 18.283 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.4	121.4	182.2
98	60.7	51.9	77.9





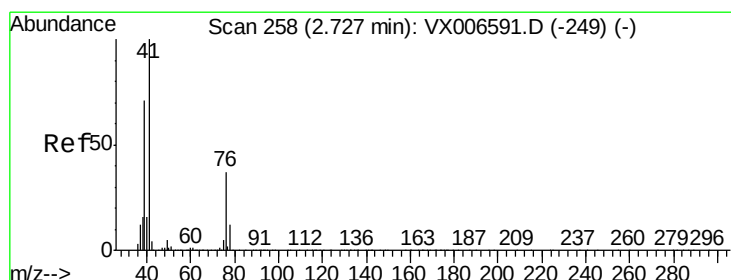
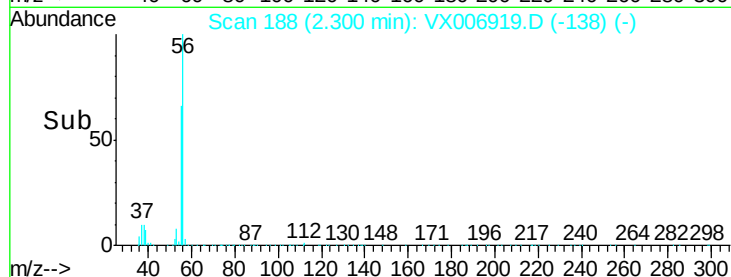
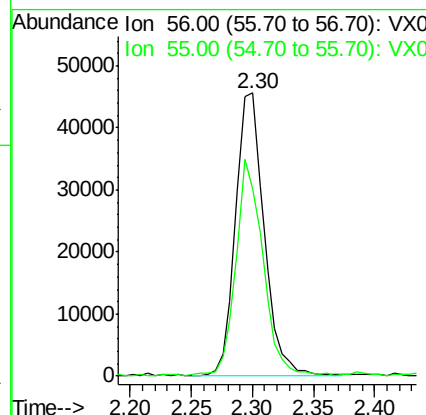
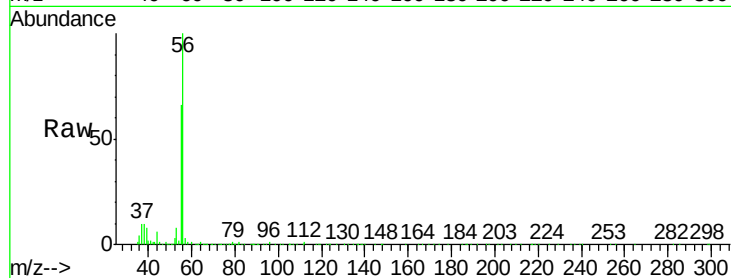
#13
Acrolein
Concen: 88.425 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	56	Resp	72933
Ion Ratio	100	Lower	Upper
55	72.7	58.2	87.4

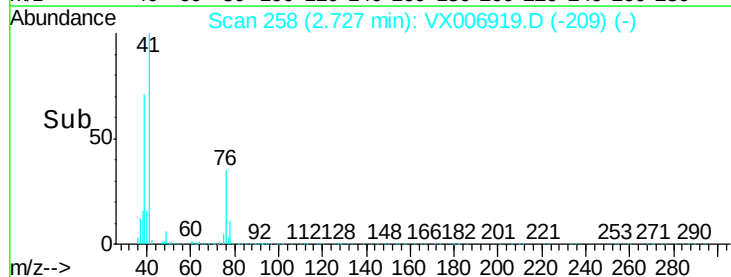
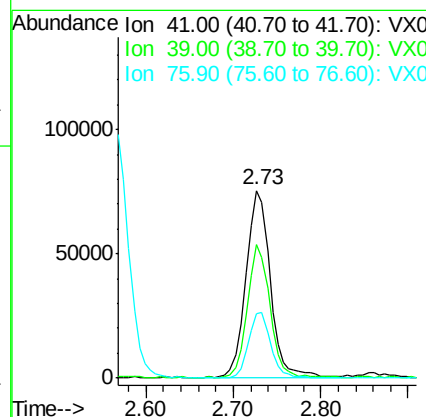
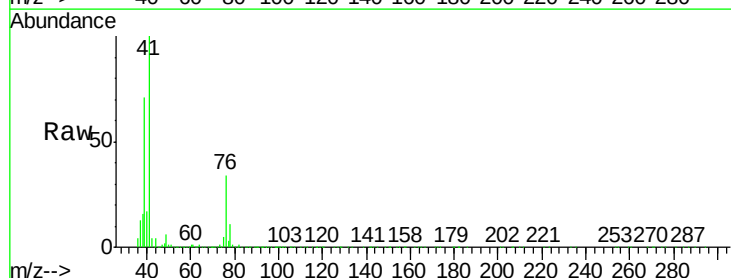
Manual Integrations
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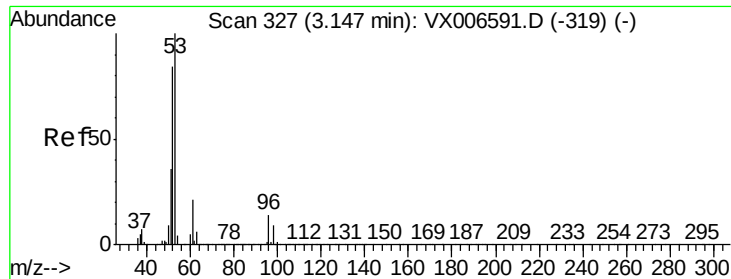
MMDadoda
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#14
Allyl chloride
Concen: 19.024 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	41	Resp	145436
Ion Ratio	100	Lower	Upper
39	64.8	53.6	80.4
76	31.9	27.4	41.2





#15

Acrylonitrile

Concen: 104.894 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

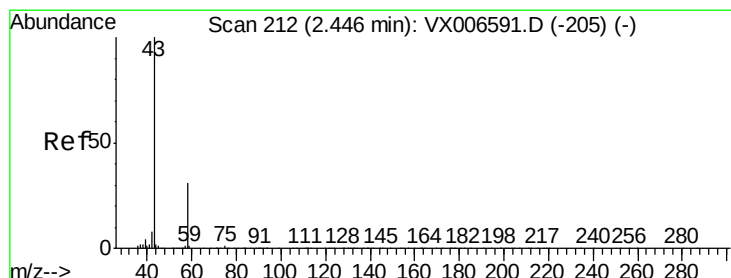
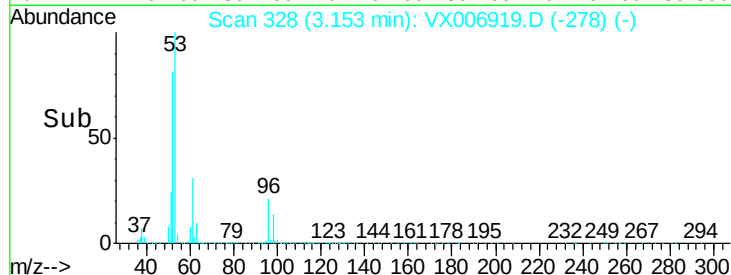
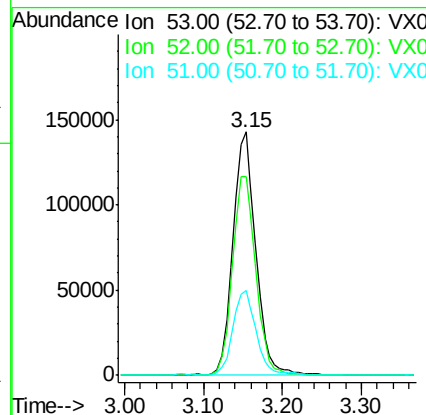
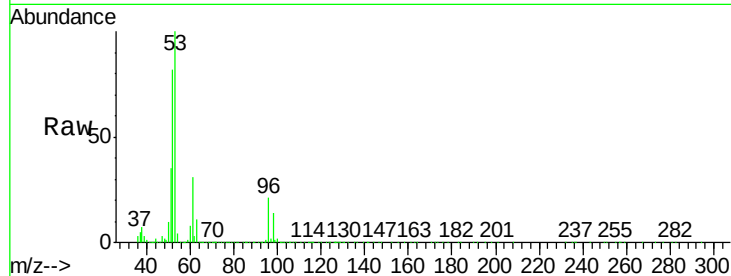
ClientSampleId :

VX0104WBSD01

Tot Ion:	53	Resp:	284751
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 95.670 ug/l

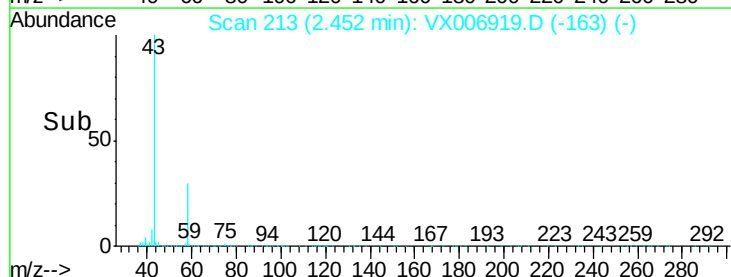
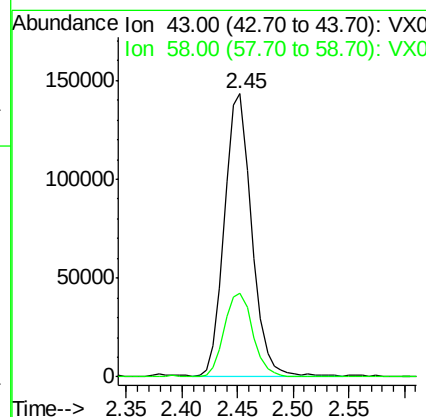
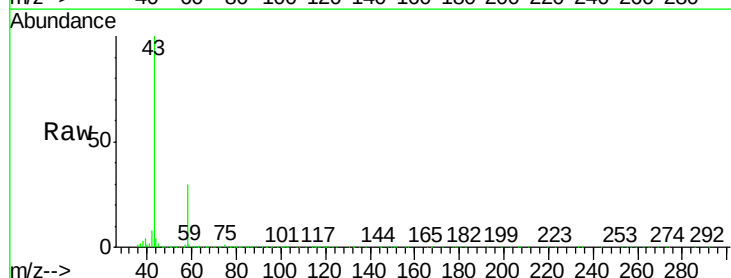
RT: 2.45 min Scan# 213

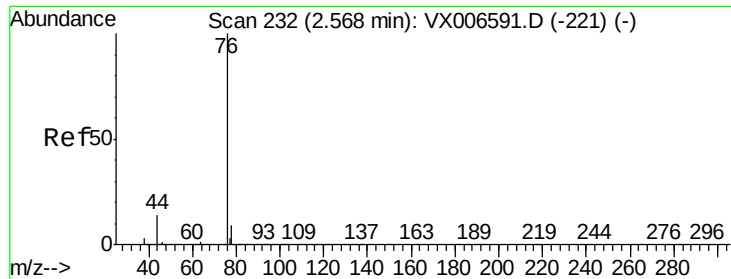
Delta R.T. 0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	43	Resp:	240798
Ion Ratio		Lower	Upper
43	100		
58	29.7	25.0	37.6





#17

Carbon Disulfide

Concen: 13.150 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion: 76 Resp: 158050

Ion Ratio Lower Upper

76 100

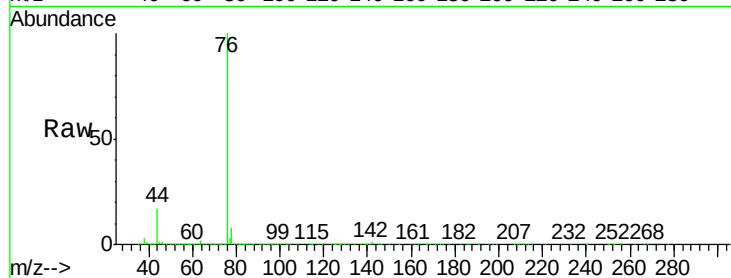
78 8.0 7.0 10.6

Manual Integrations

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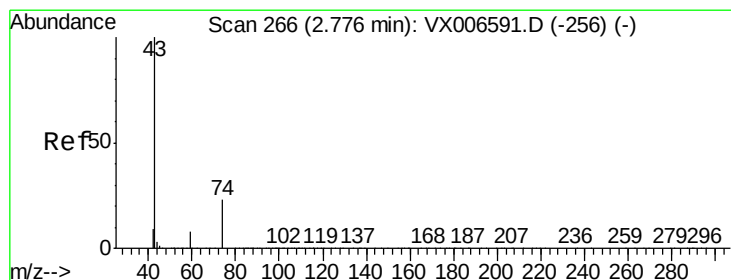
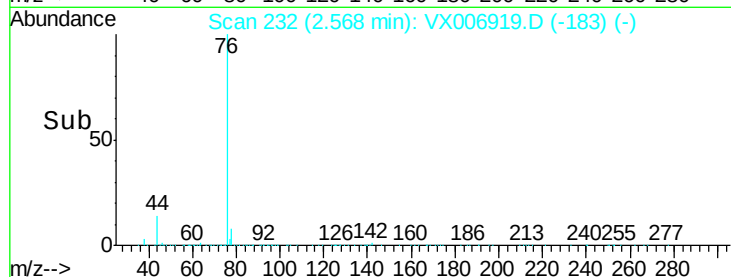
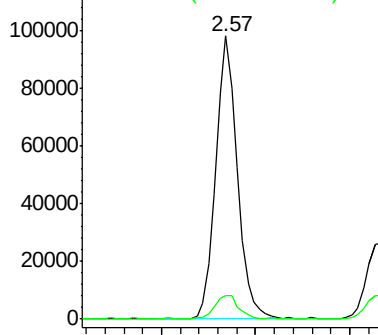
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 26.648 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006919.D

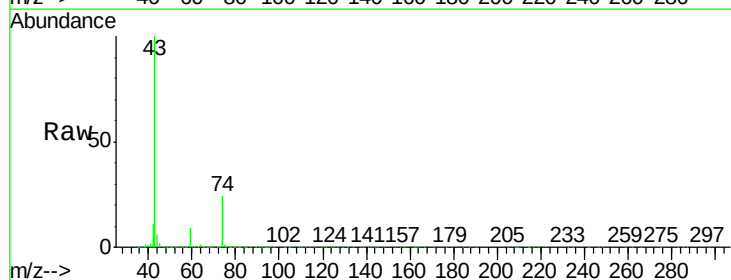
Acq: 04 Jan 2019 17:51

Tgt Ion: 43 Resp: 197221

Ion Ratio Lower Upper

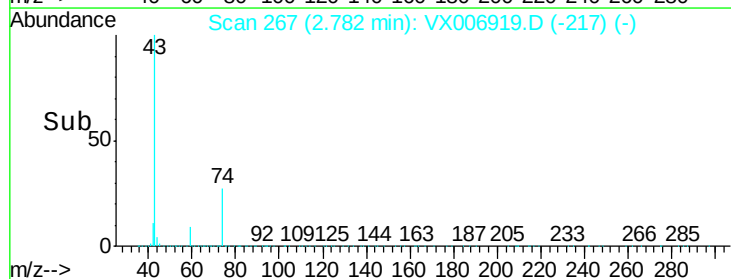
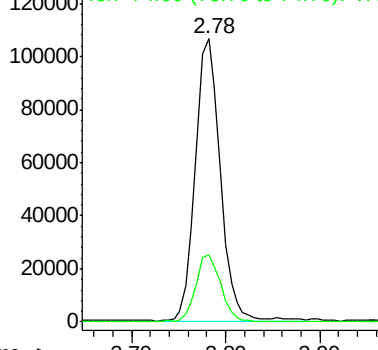
43 100

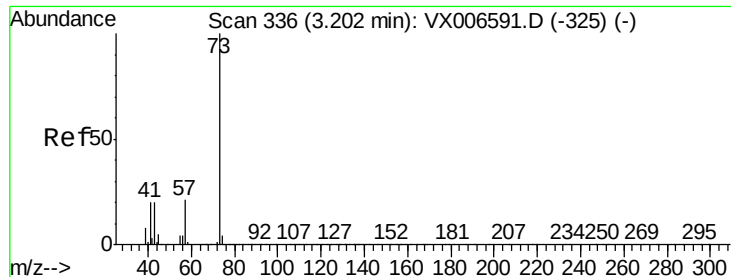
74 23.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





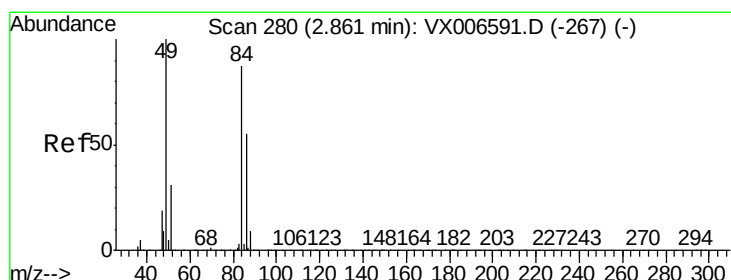
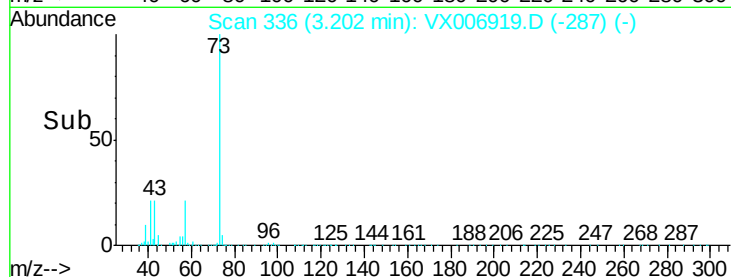
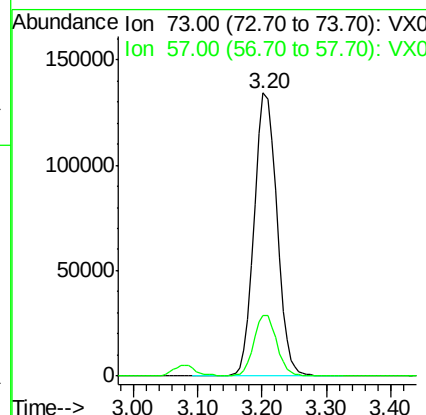
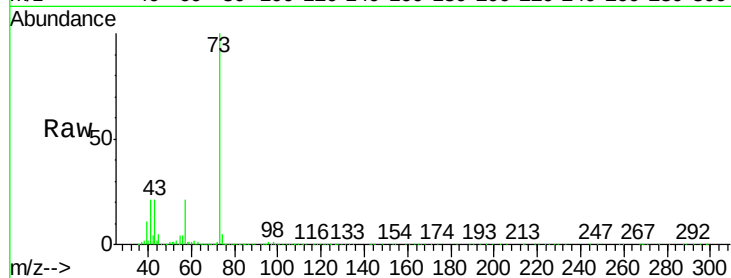
#19
Methyl tert-butyl Ether
Concen: 21.416 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.8	25.2

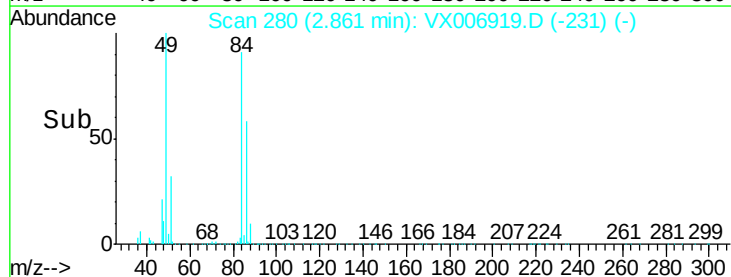
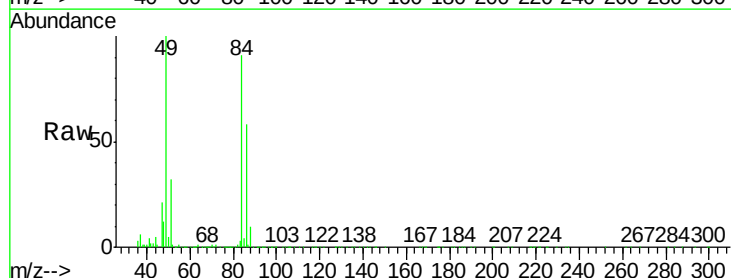
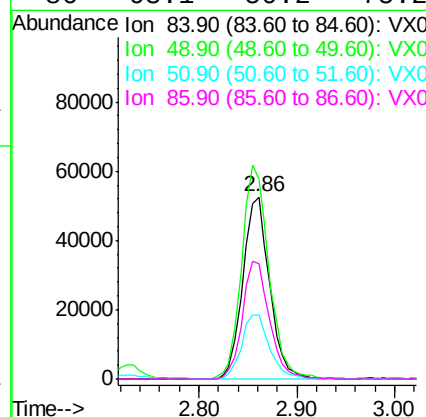
Manual Integrations
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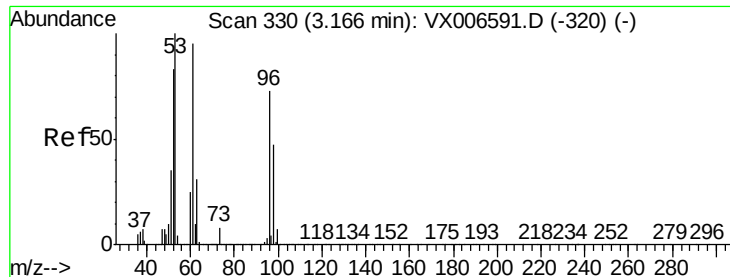
MMDadoda
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#20
Methylene Chloride
Concen: 19.234 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.3	91.8	137.6
51	34.9	28.5	42.7
86	63.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.651 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

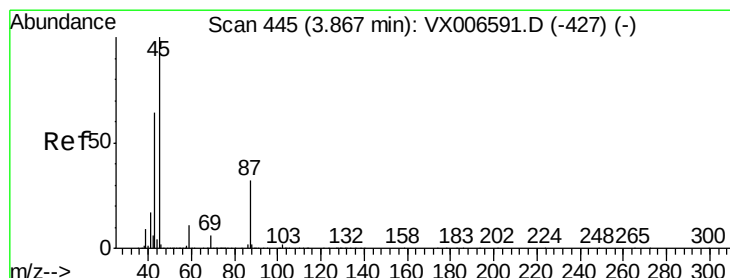
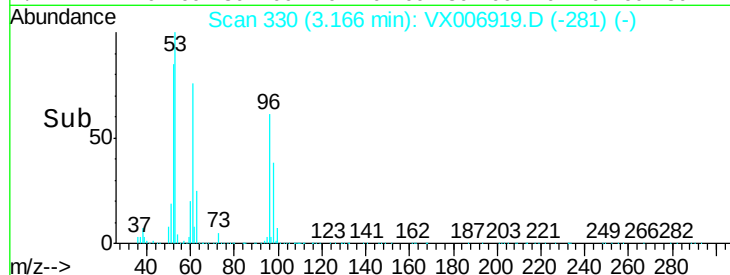
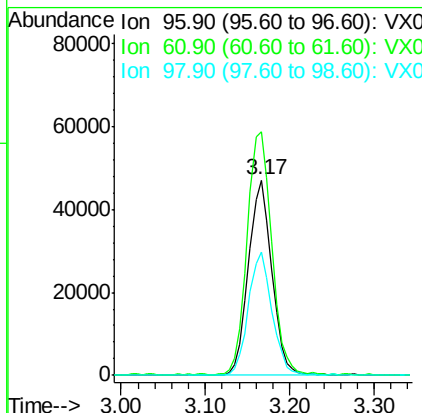
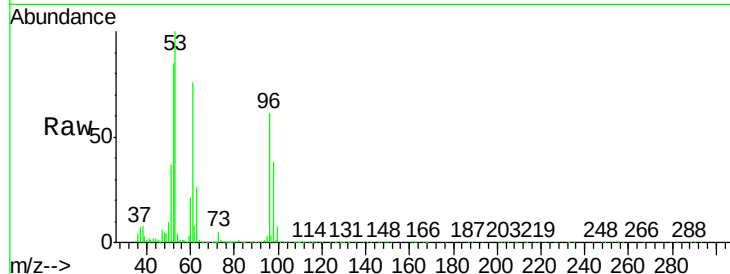
ClientSampleId :

VX0104WBSD01

Tot Ion:	96	Resp:	88824
Ion	Ratio	Lower	Upper
96	100		
61	124.0	103.7	155.5
98	63.0	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.024 ug/l

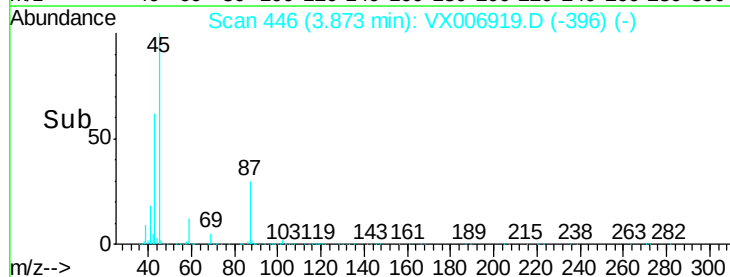
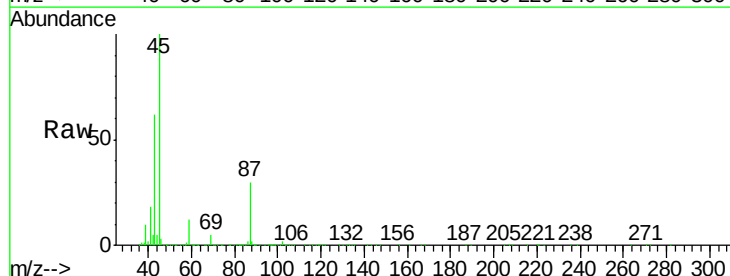
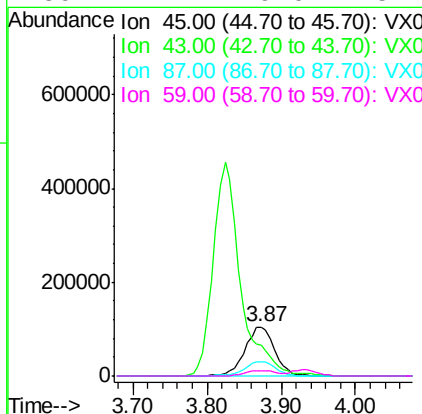
RT: 3.87 min Scan# 446

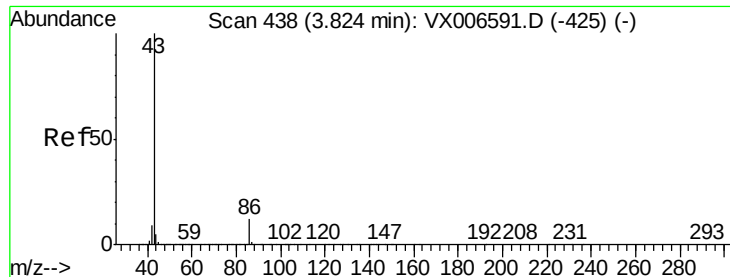
Delta R.T. 0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	45	Resp:	294029
Ion	Ratio	Lower	Upper
45	100		
43	61.8	51.2	76.8
87	29.7	25.8	38.6
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 102.341 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleID :

VX0104WBSD01

Tot Ion: 43 Resp: 1170754

Ion Ratio Lower Upper

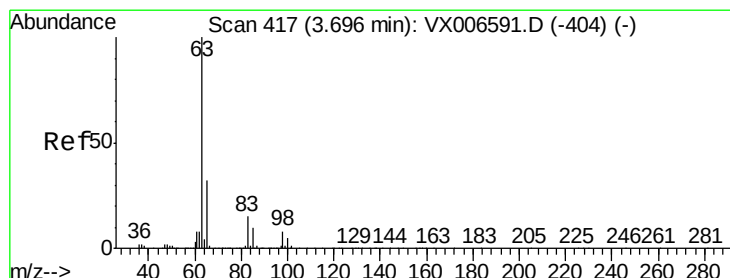
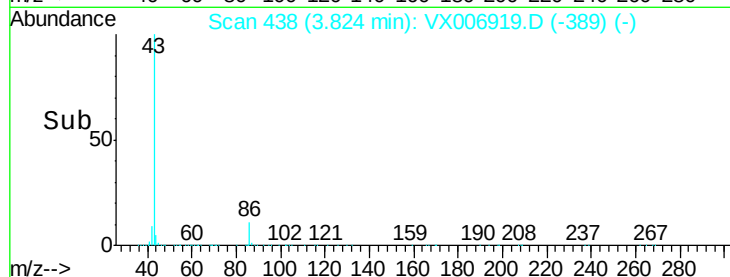
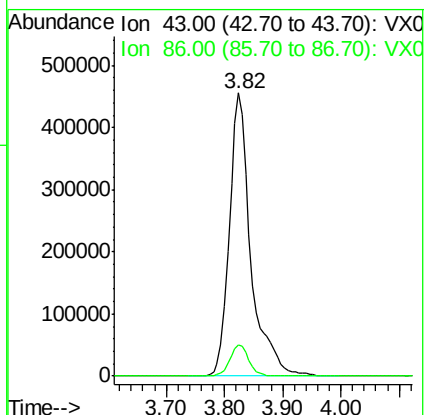
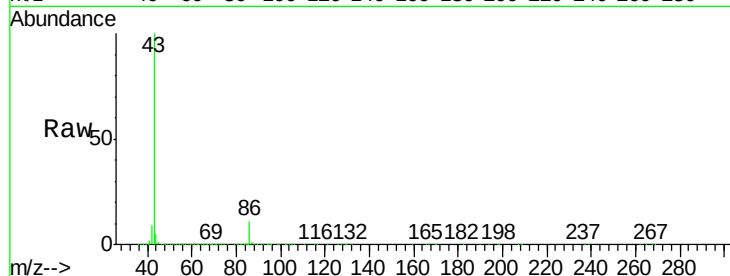
43 100

86 11.2 9.2 13.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 18.901 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

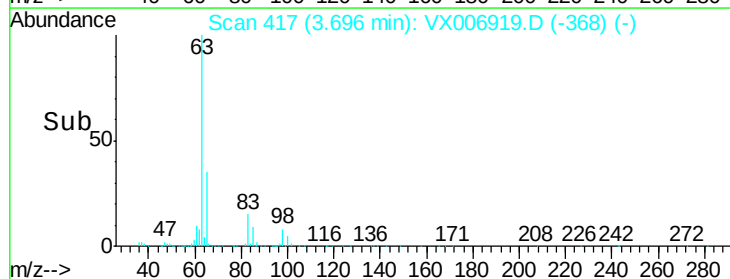
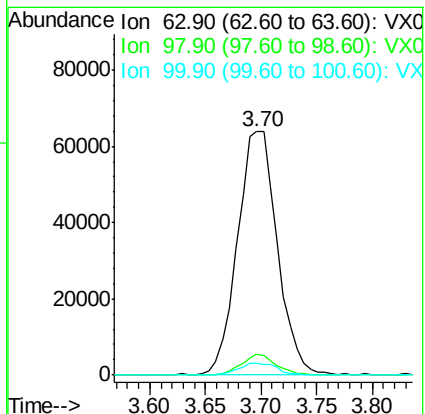
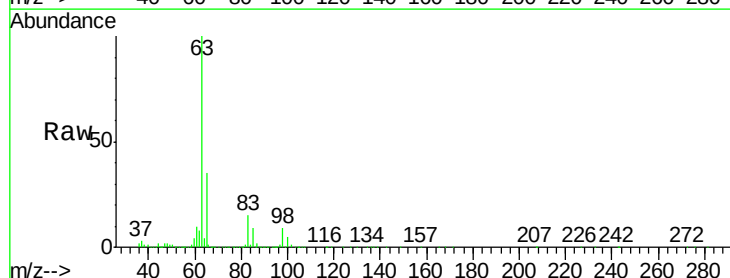
Tgt Ion: 63 Resp: 157802

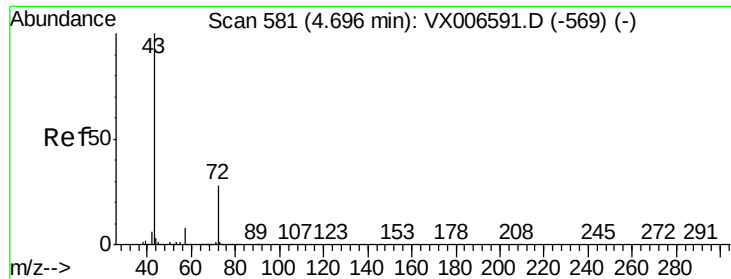
Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.5

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 101.883 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion: 43 Resp: 360710

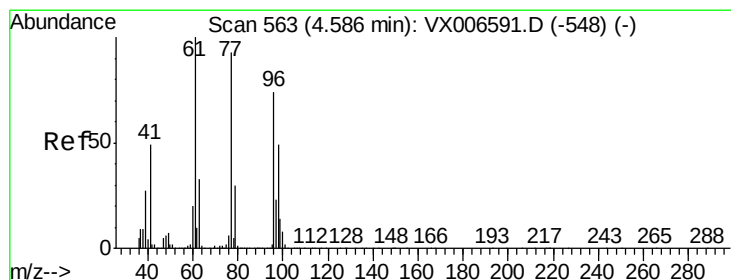
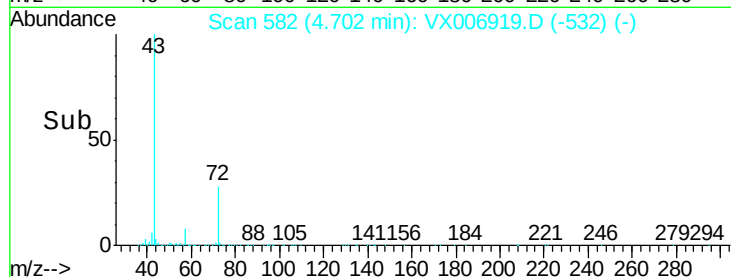
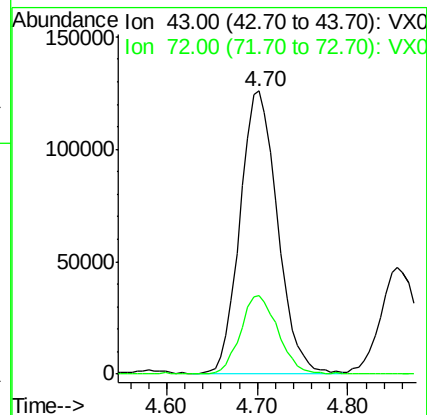
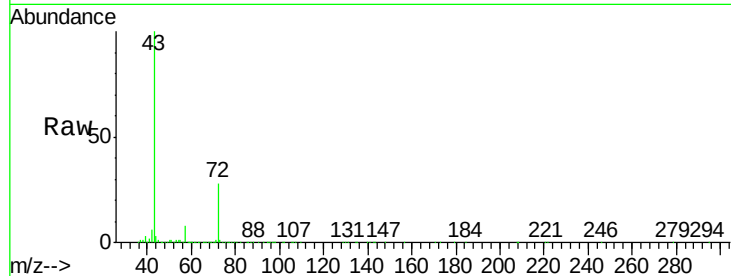
Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 16.831 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006919.D

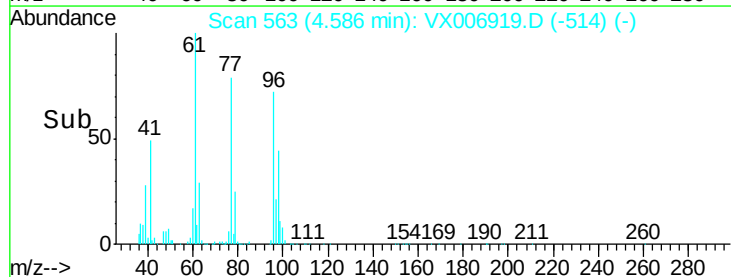
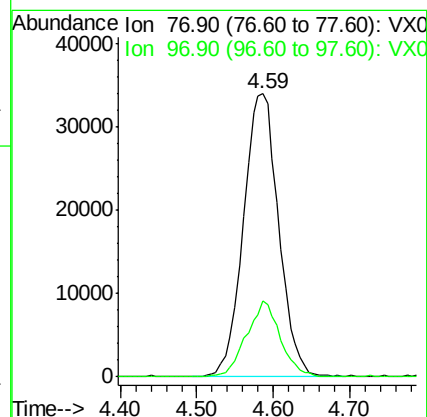
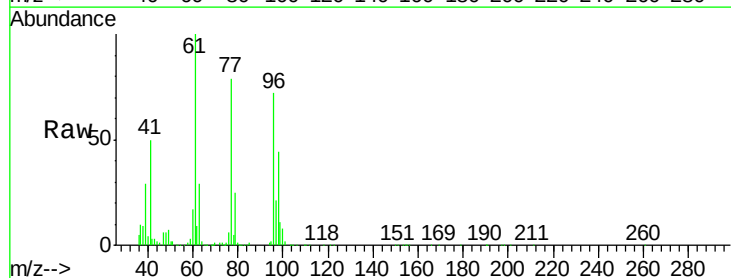
Acq: 04 Jan 2019 17:51

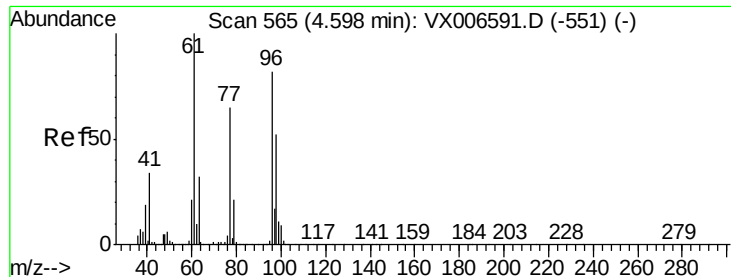
Tgt Ion: 77 Resp: 108547

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.4





#27

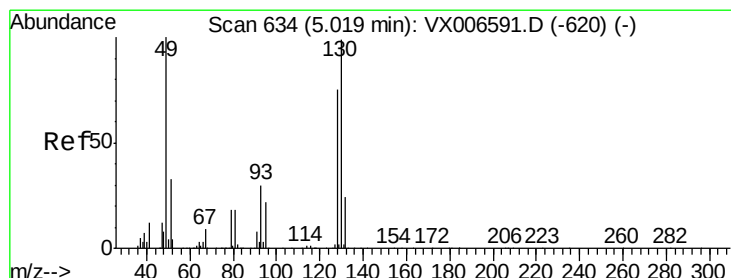
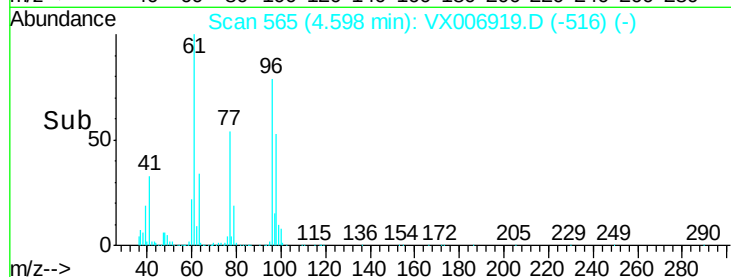
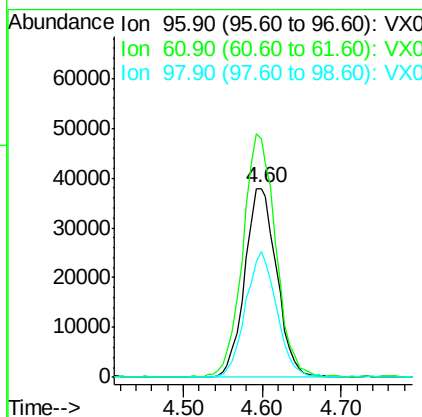
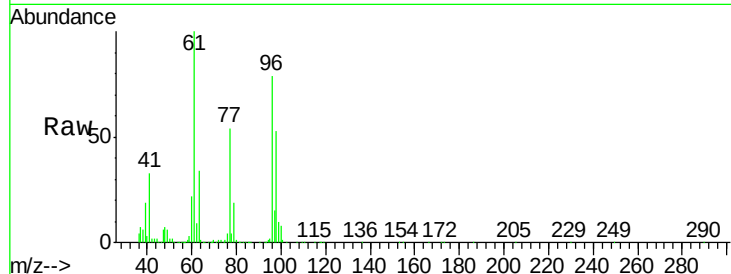
cis-1,2-Dichloroethene
 Concen: 19.262 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	258.6
98	64.8	0.0	132.0

Manual Integrations
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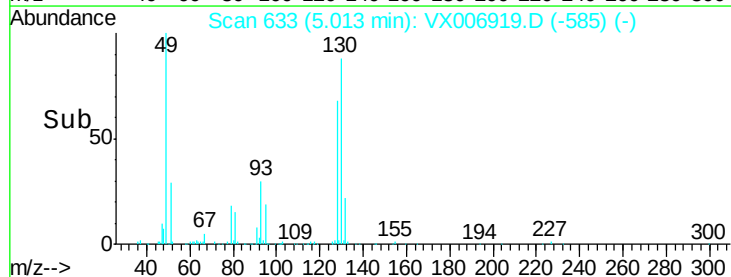
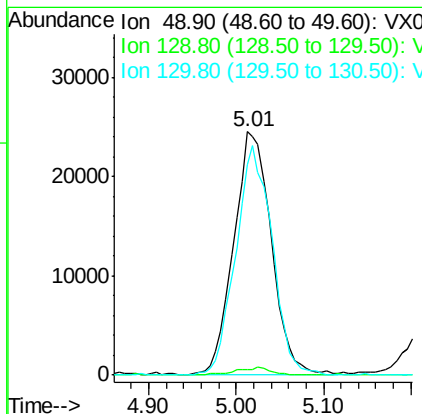
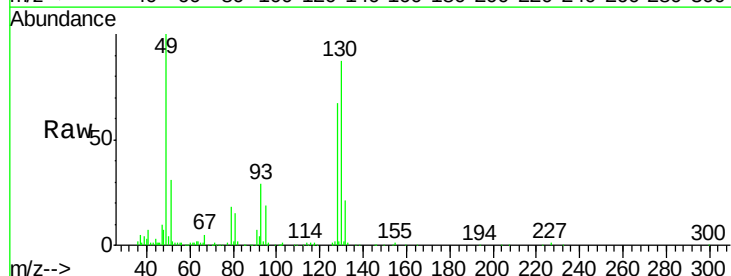
MMDadoda
 1/7/2019 12:28:54 PM

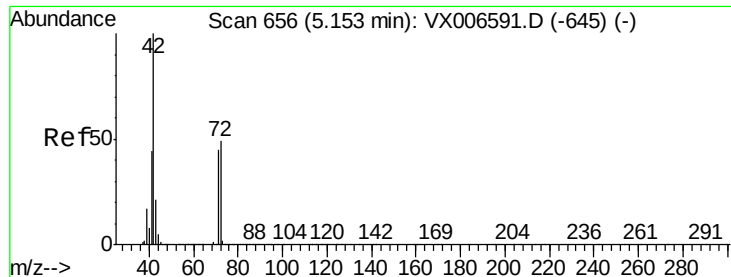


#28

Bromochloromethane
 Concen: 19.844 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	90.8	77.7	116.5





#29

Tetrahydrofuran

Concen: 103.891 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

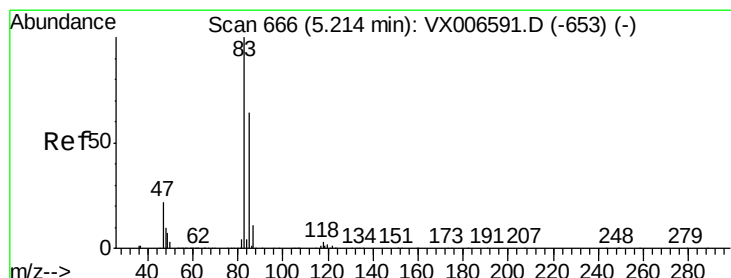
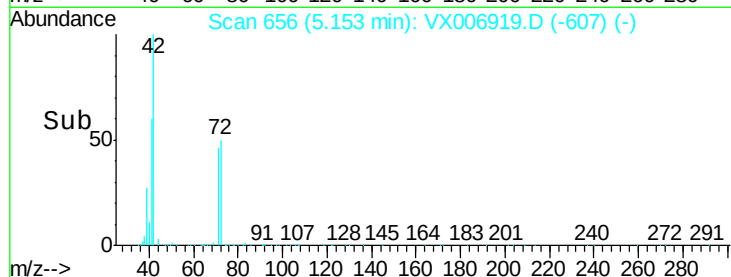
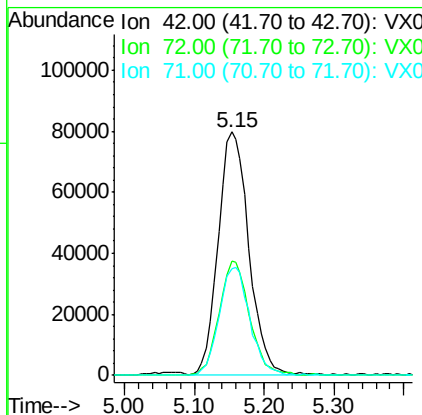
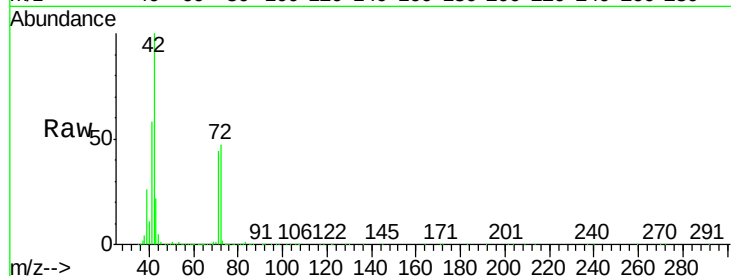
ClientSampled :

VX0104WBSD01

Tot Ion:	42	Resp:	242258
Ion Ratio		Lower	Upper
42	100		
72	46.0	38.9	58.3
71	44.4	36.2	54.4

Manual Integrations
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#30

Chloroform

Concen: 20.018 ug/l

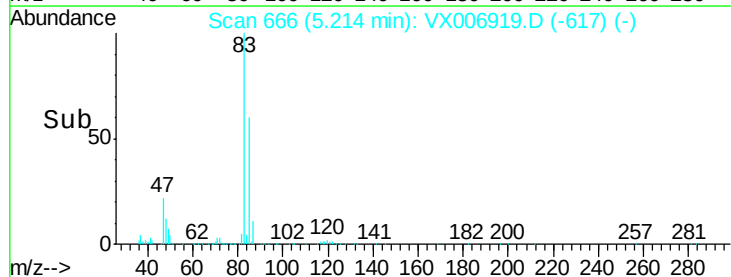
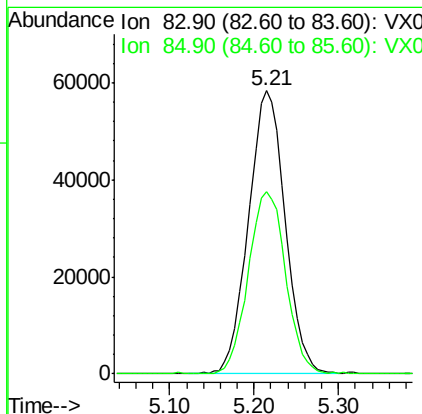
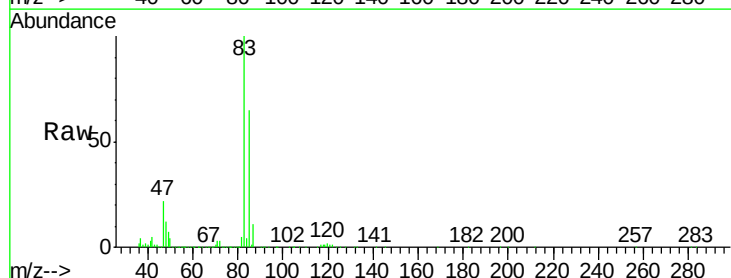
RT: 5.21 min Scan# 666

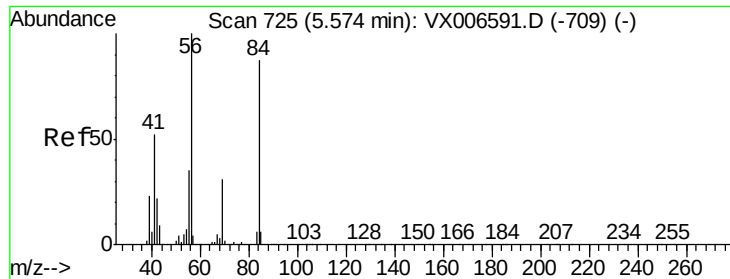
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	83	Resp:	173067
Ion Ratio		Lower	Upper
83	100		
85	64.4	51.2	76.8





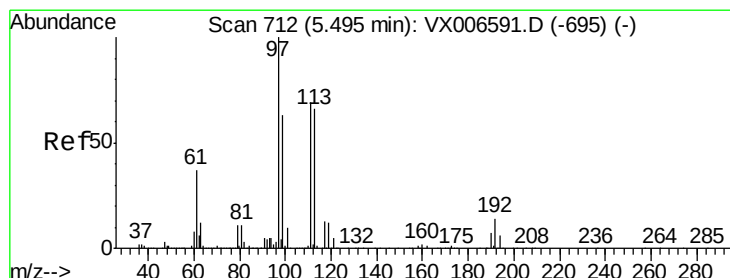
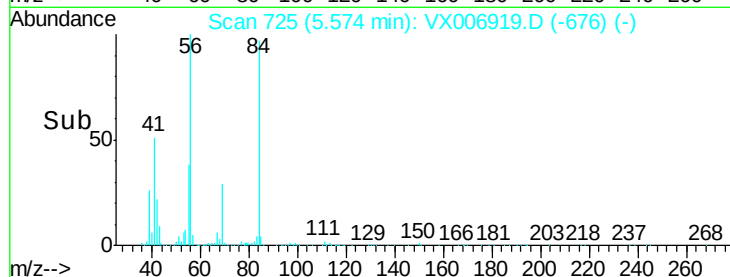
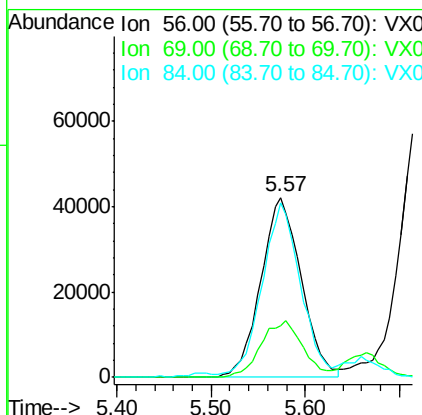
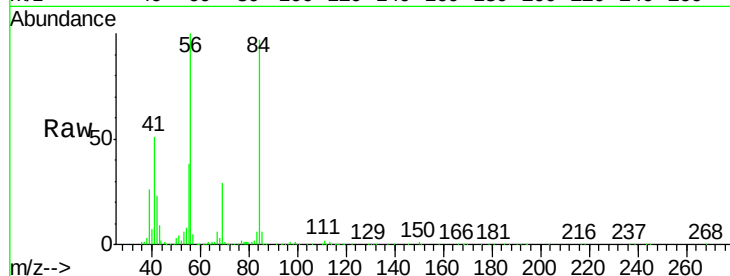
#31
Cyclohexane
Concen: 16.641 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.4	36.6
84	96.1	70.0	105.0

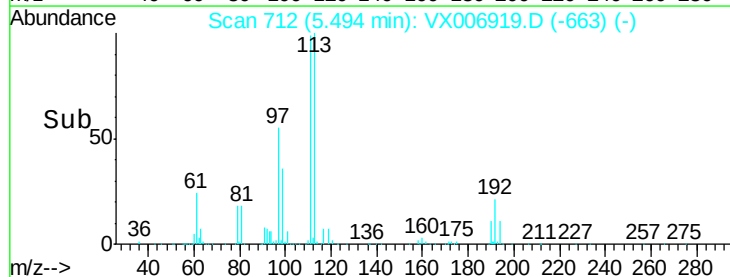
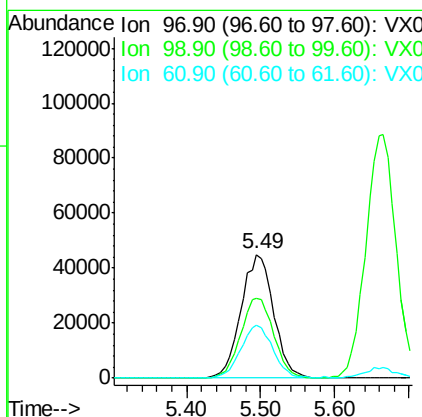
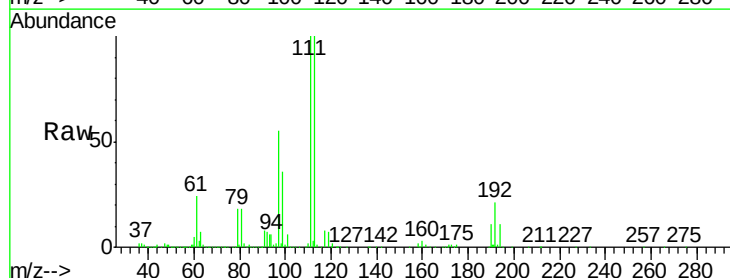
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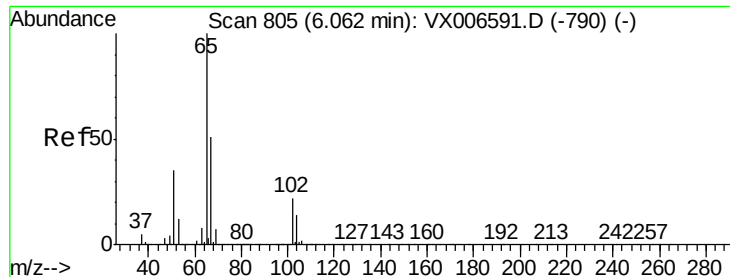
MMDadoda
1/7/2019 12:28:54 PM



#32
1,1,1-Trichloroethane
Concen: 18.878 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	41.8	31.3	46.9





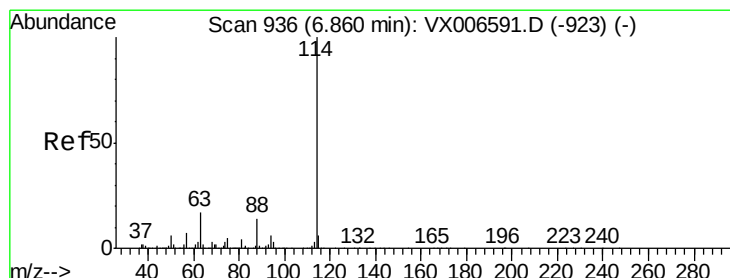
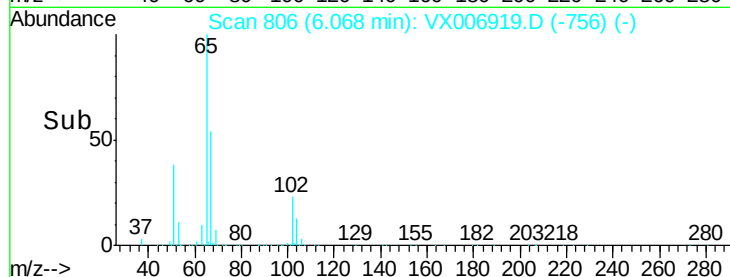
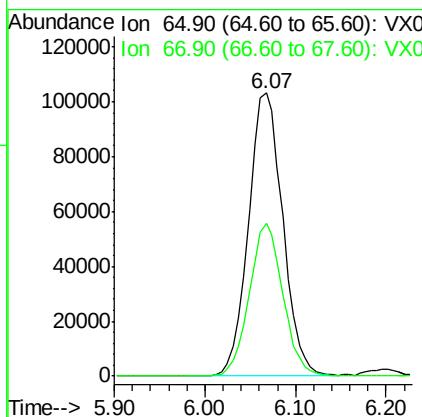
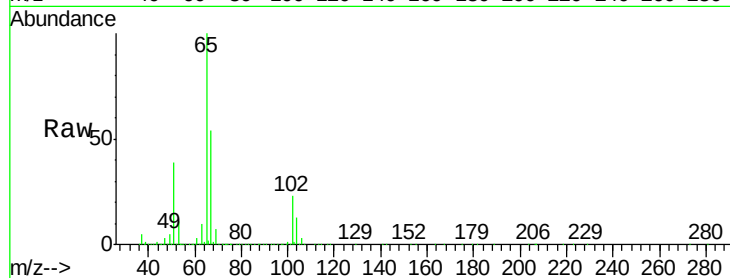
#33
 1,2-Dichloroethane-d4
 Concen: 49.345 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0

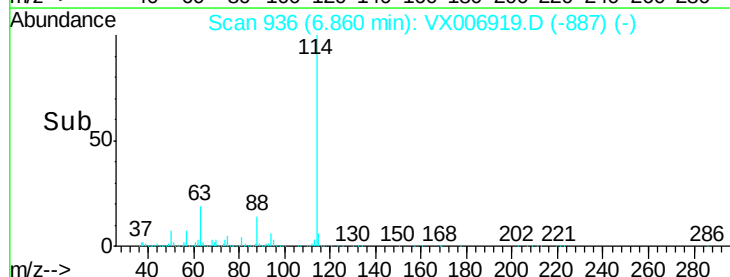
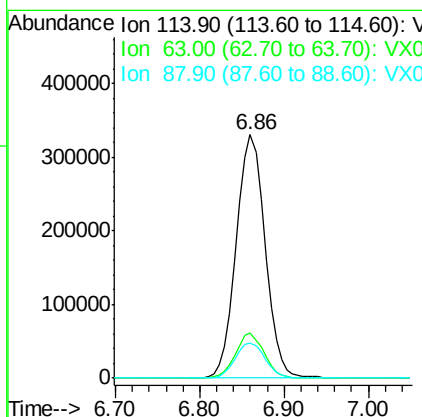
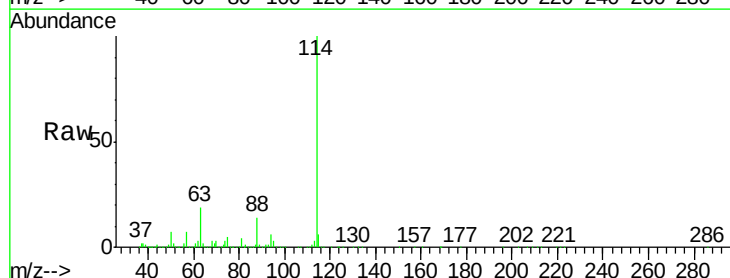
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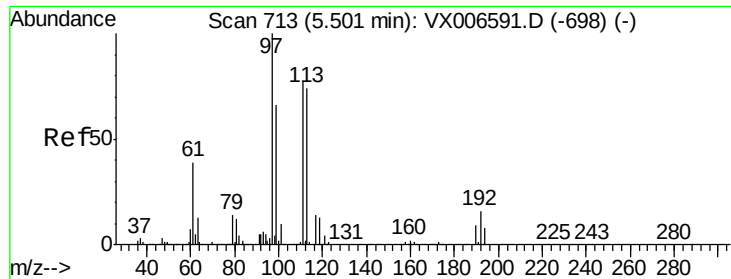
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	34.8
88	14.3	0.0	28.8





#35

Dibromofluoromethane

Concen: 50.400 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

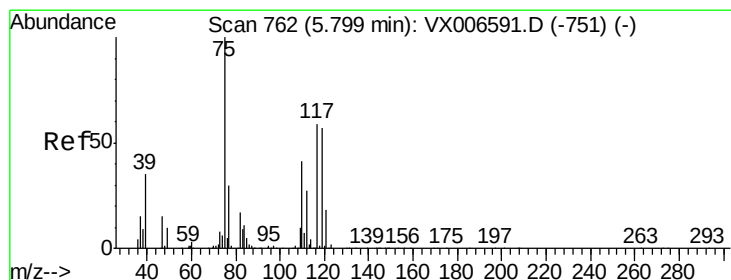
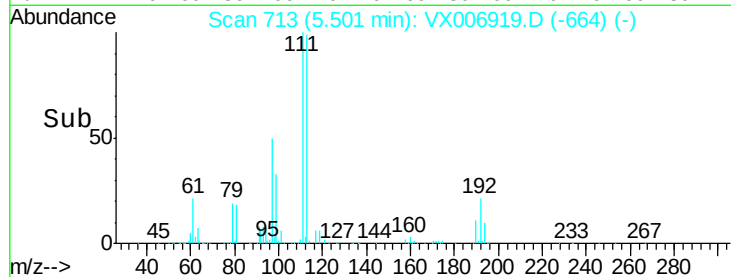
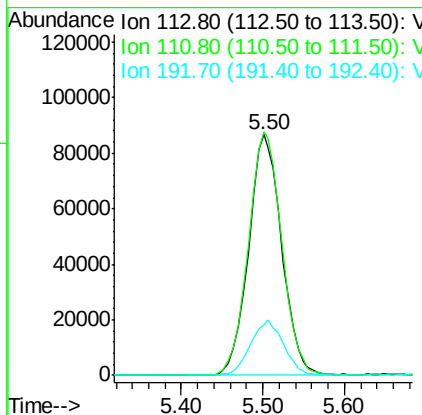
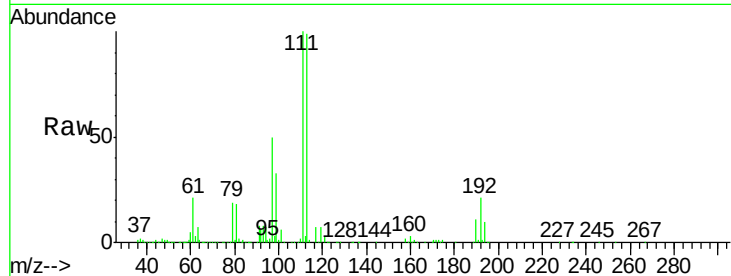
ClientSampleId :

VX0104WBSD01

Tot Ion:	113	Resp:	244176
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.6	122.4
192	22.9	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.116 ug/l

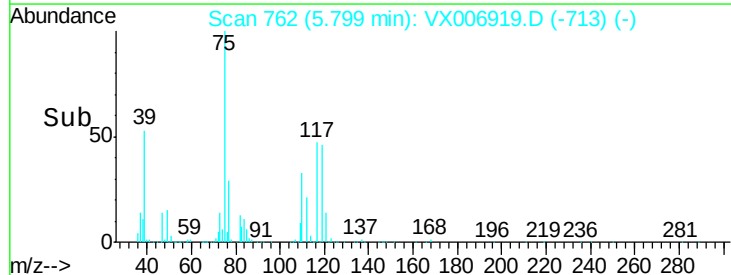
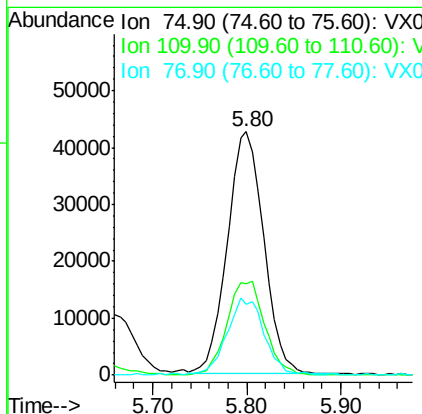
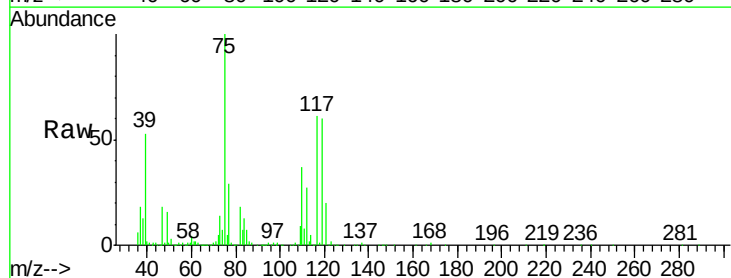
RT: 5.80 min Scan# 762

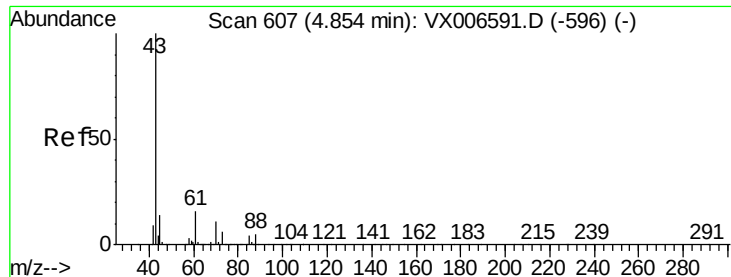
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	75	Resp:	114948
Ion Ratio	Lower	Upper	
75	100		
110	39.7	20.2	60.5
77	31.9	24.8	37.2





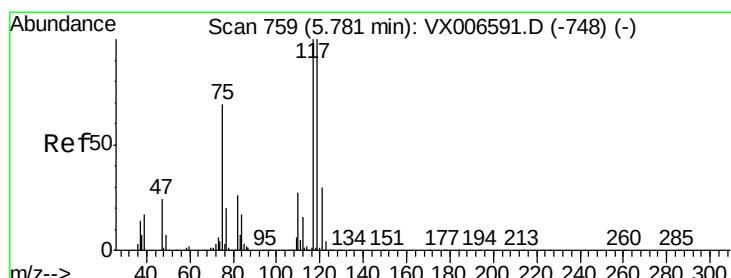
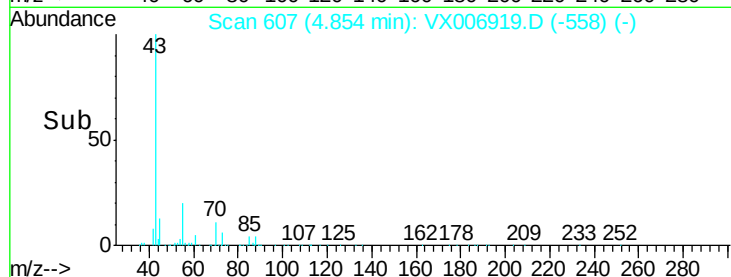
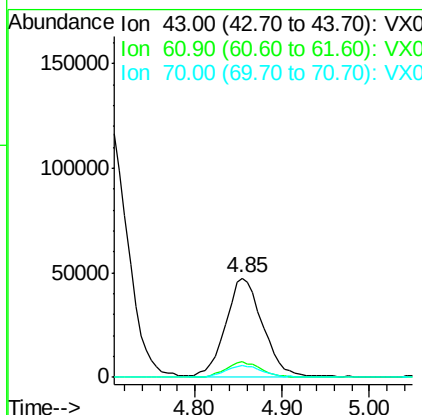
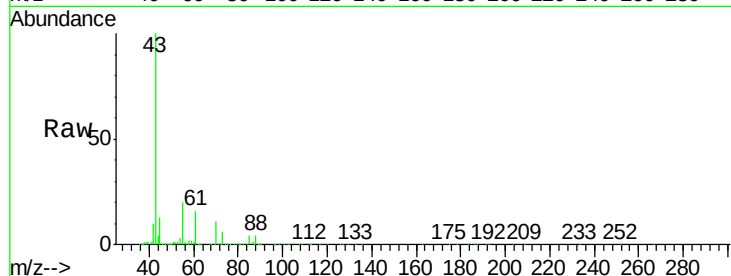
#37
Ethyl Acetate
Concen: 20.886 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.9	9.7	14.5

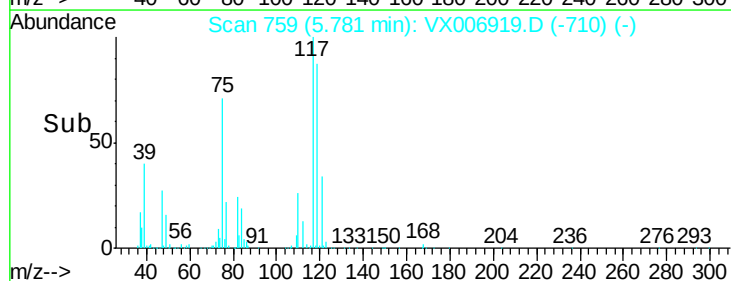
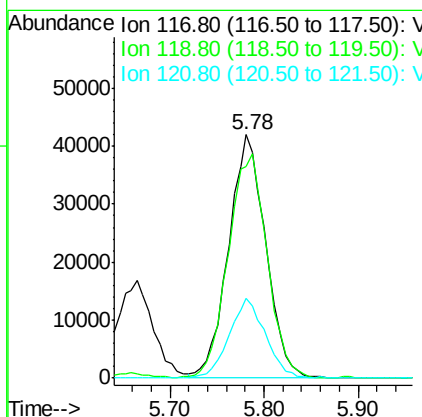
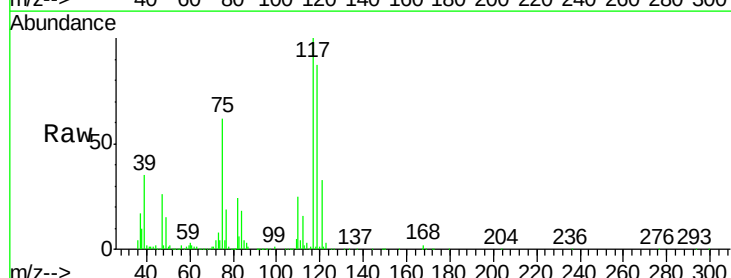
Manual Integrations
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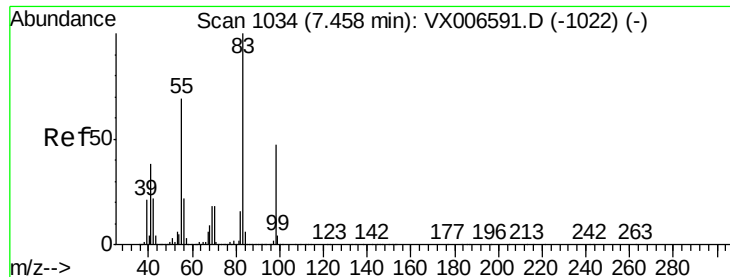
MMDadoda
1/7/2019 12:28:54 PM



#38
Carbon Tetrachloride
Concen: 18.708 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.9	79.4	119.2
121	32.6	24.0	36.0





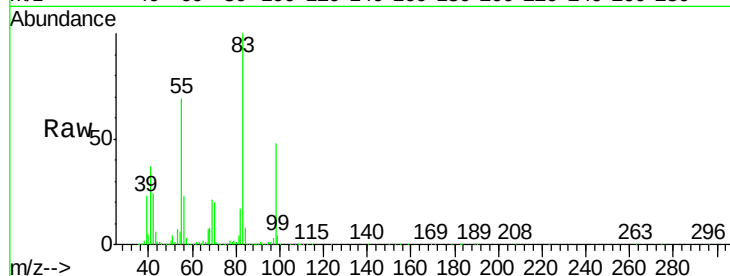
#39
Methylvlcyclohexane
Concen: 16.030 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	133908		
55	69.3		54.9	82.3
98	48.1		37.9	56.9

Manual Integrations
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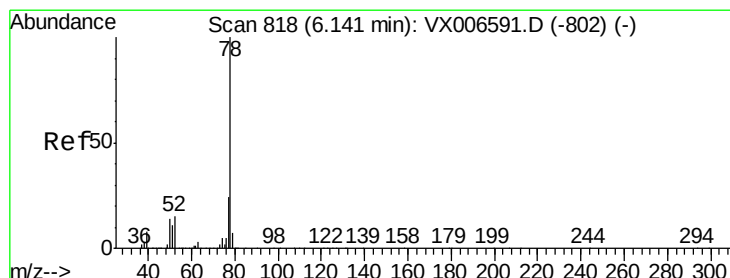
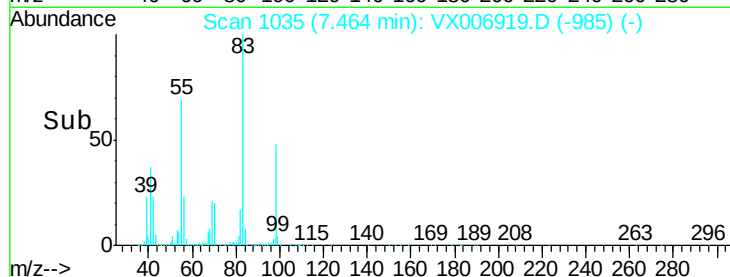
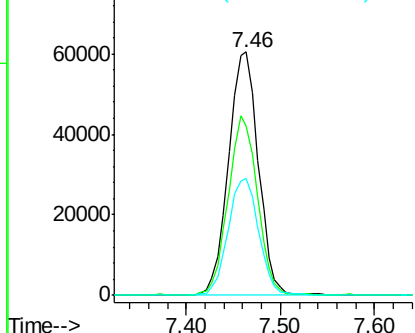


Abundance

Ion 83.00 (82.70 to 83.70): VX0

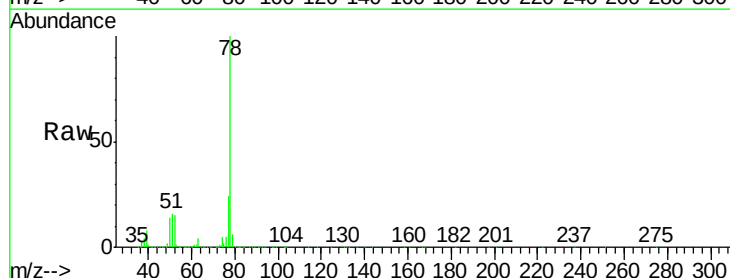
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 19.564 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

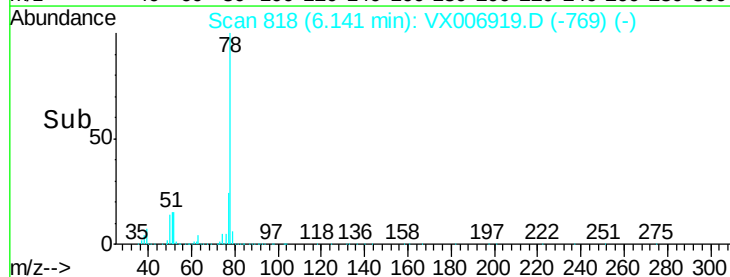
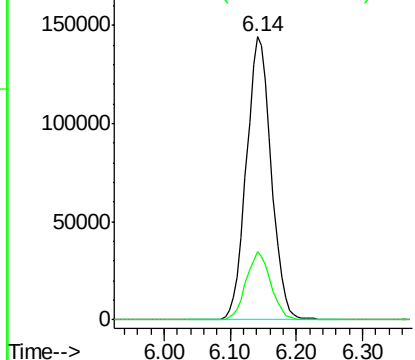
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	377325		
77	24.2		19.2	28.8

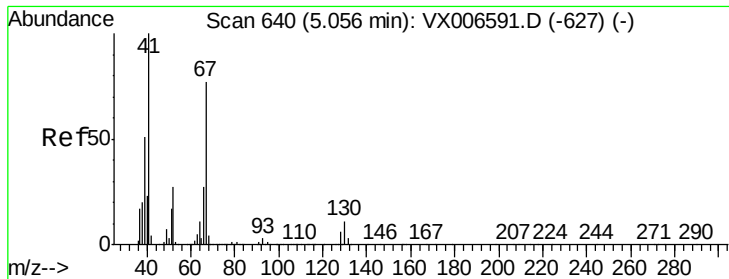


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





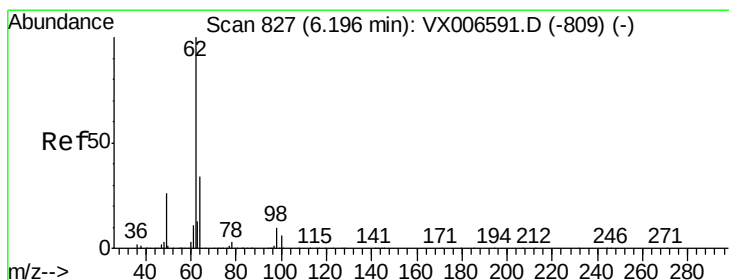
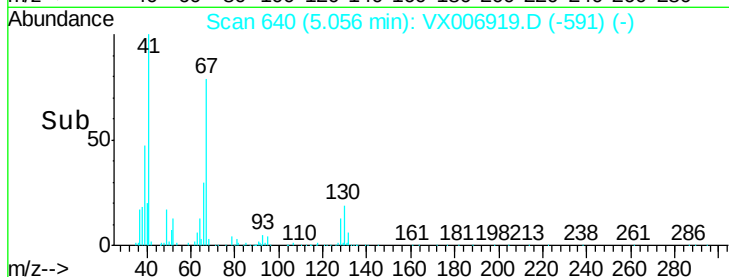
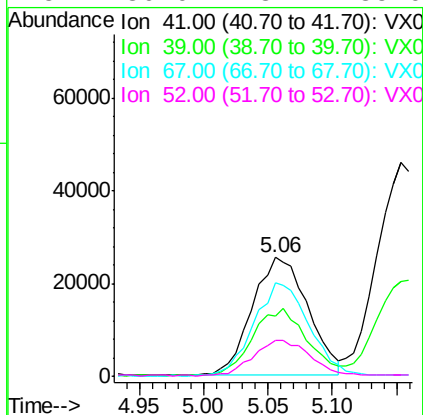
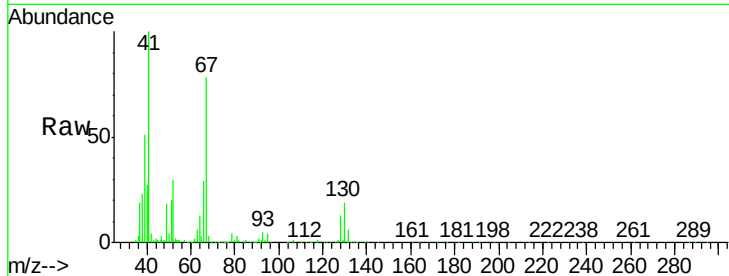
#41
Methacrylonitrile
Concen: 21.784 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	42.8	64.2
67	80.6	62.1	93.1
52	30.0	23.4	35.0

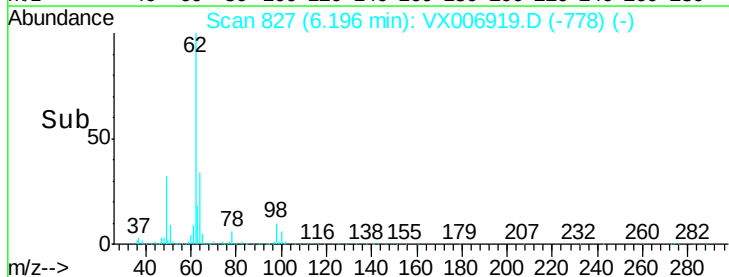
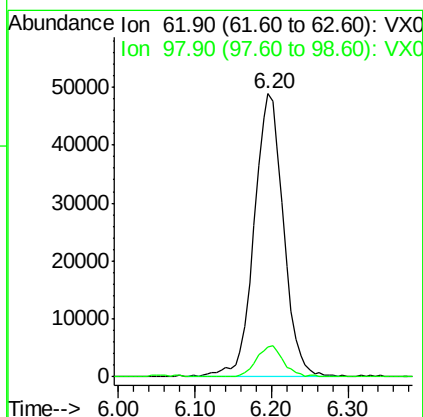
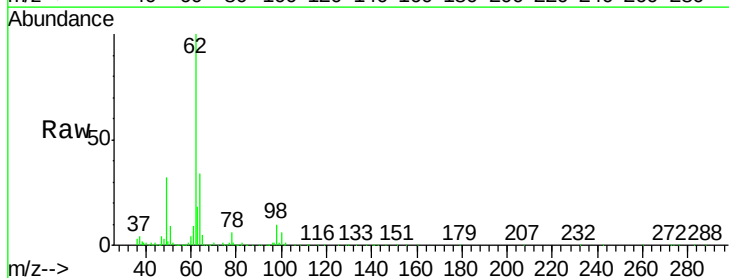
Manual Integrations
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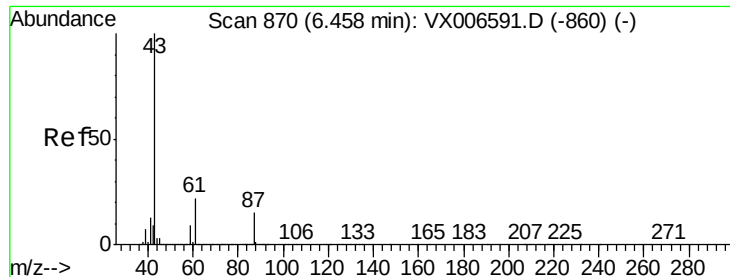
MMDadoda
1/7/2019 12:28:54 PM



#42
1,2-Dichloroethane
Concen: 19.774 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.356 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

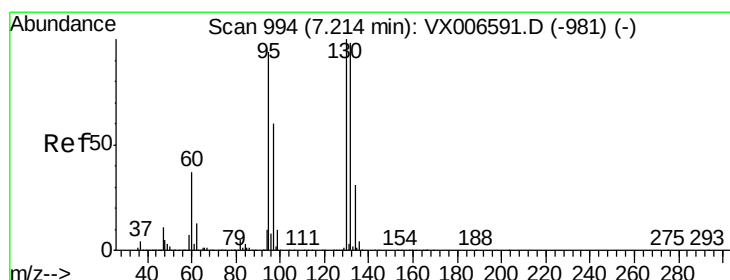
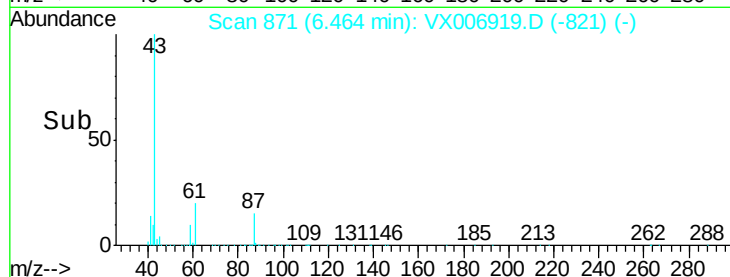
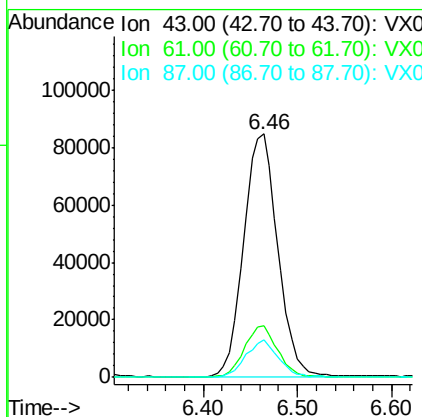
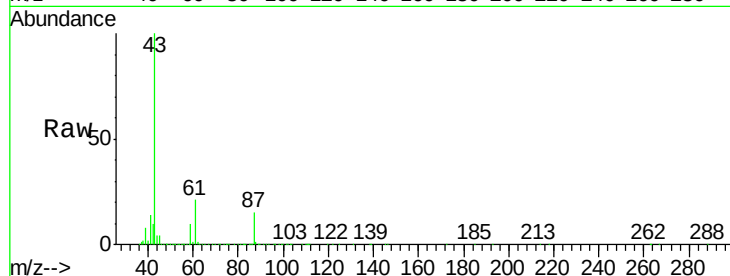
ClientSampleId :

VX0104WBSD01

Tot Ion:	43	Resp:	214596
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	15.0	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.056 ug/l

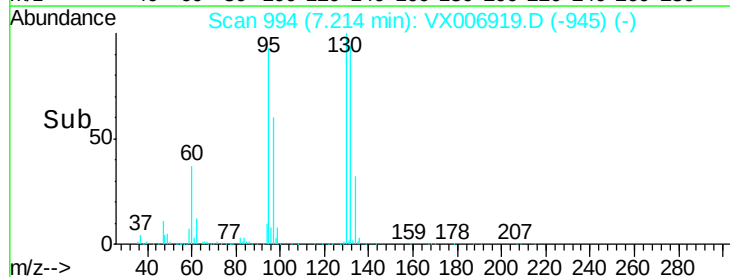
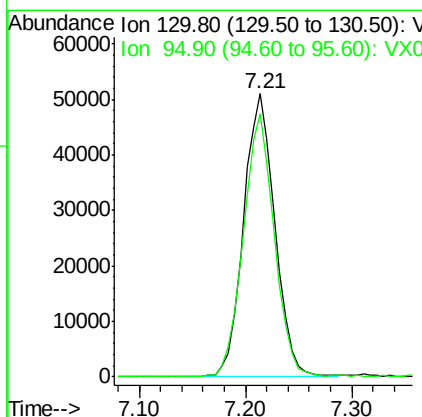
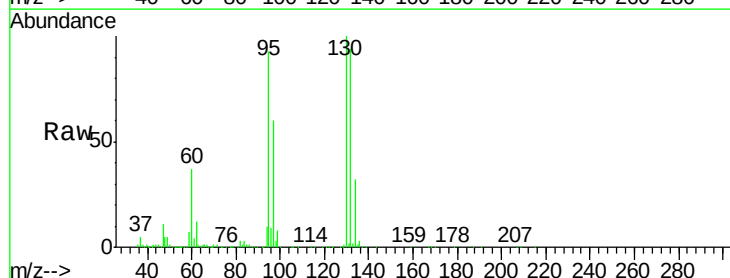
RT: 7.21 min Scan# 994

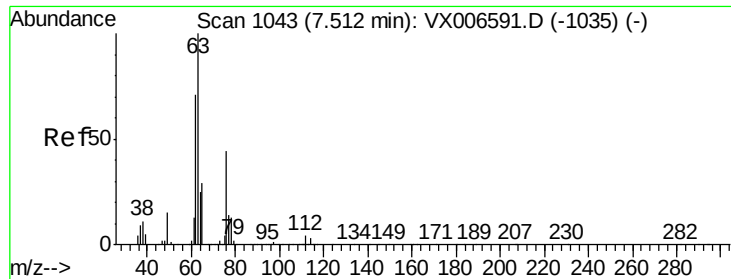
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	130	Resp:	105403
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	187.0





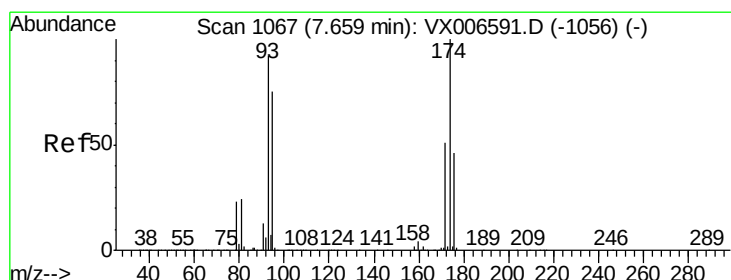
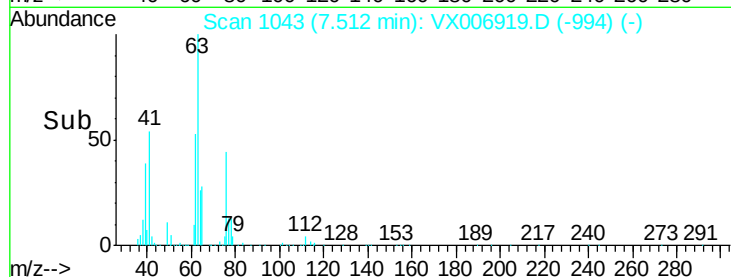
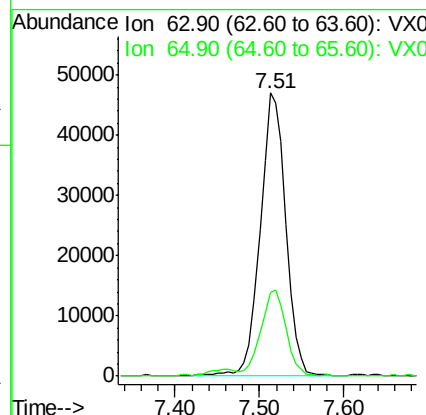
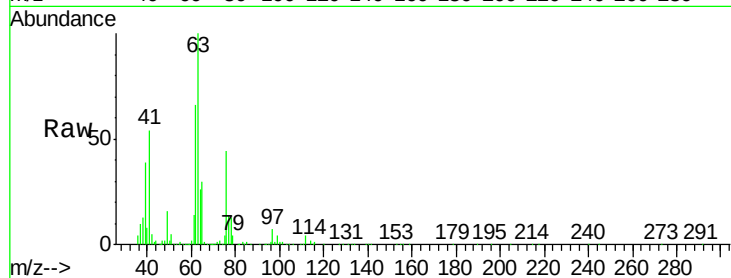
#45
 1,2-Dichloropropane
 Concen: 20.810 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	25.4	38.0

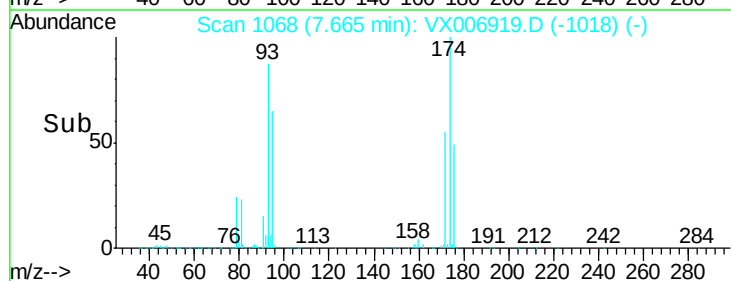
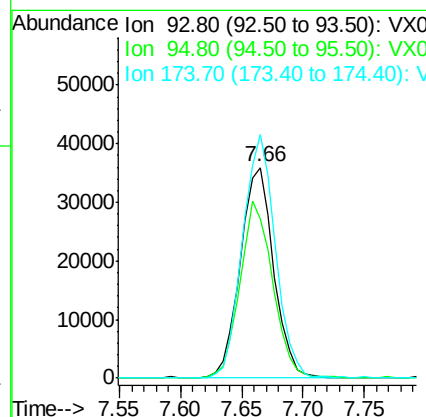
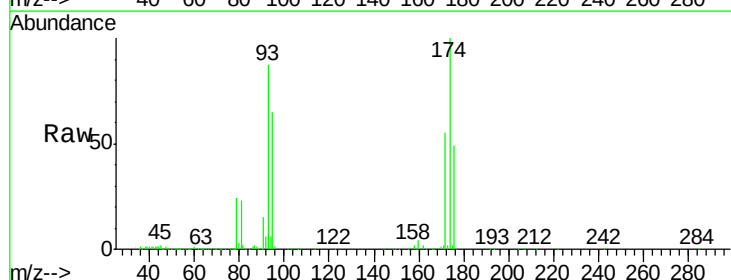
Manual Integrations
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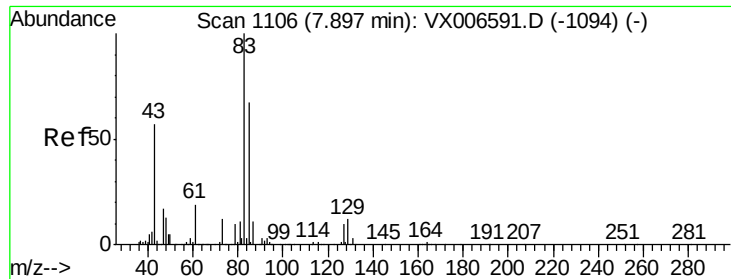
MMDadoda
 1/7/2019 12:28:54 PM



#46
 Dibromomethane
 Concen: 19.767 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.2	99.4
174	113.5	91.0	136.4





#47

Bromodichloromethane

Concen: 19.454 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

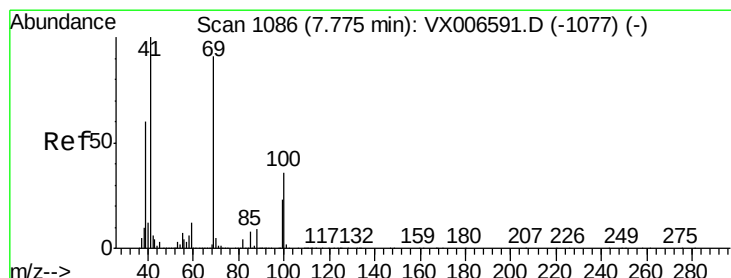
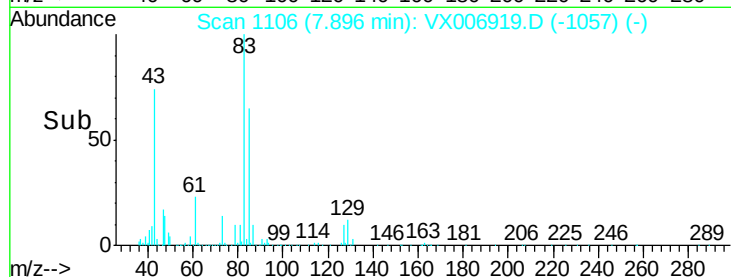
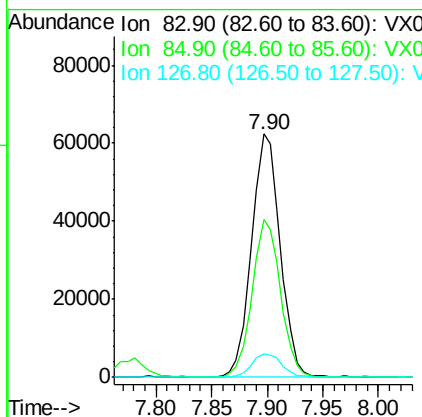
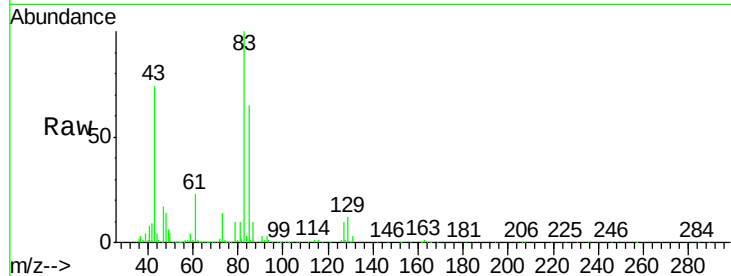
ClientSampleId :

VX0104WBSD01

Tot Ion:	83	Resp:	111505
Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.2	79.8
127	9.7	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.590 ug/l

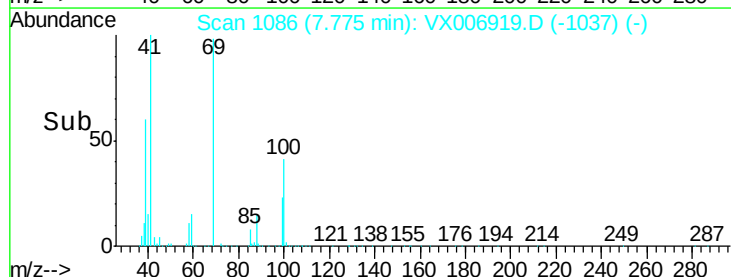
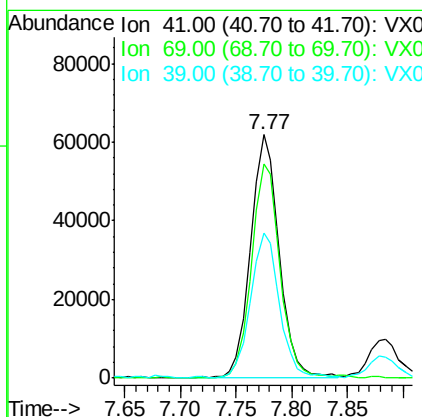
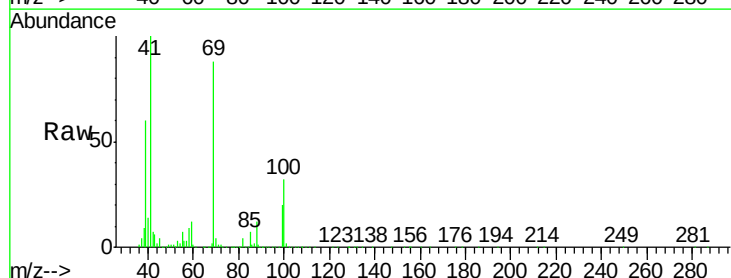
RT: 7.77 min Scan# 1086

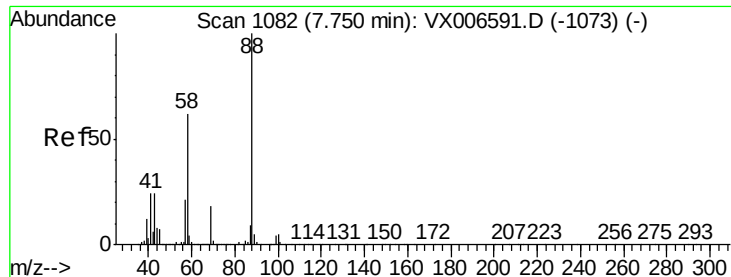
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	41	Resp:	110325
Ion	Ratio	Lower	Upper
41	100		
69	87.0	72.4	108.6
39	59.5	45.8	68.8





#49

1,4-Dioxane

Concen: 396.028 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

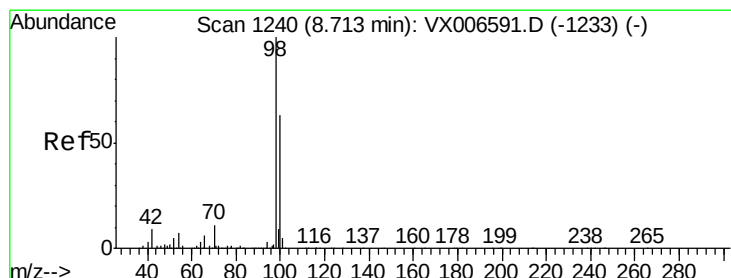
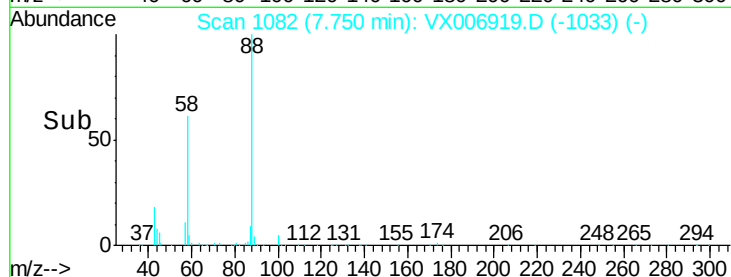
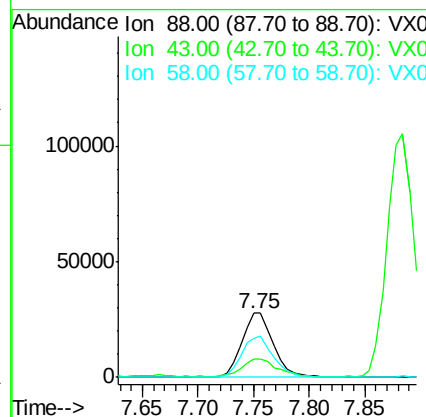
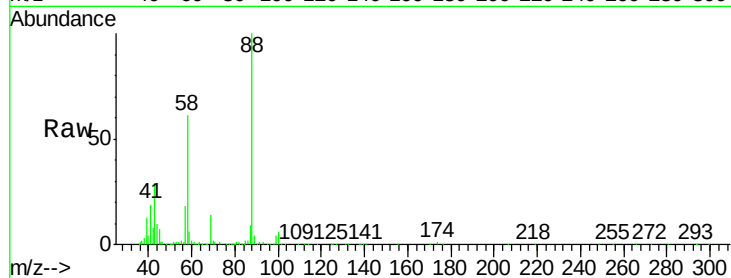
ClientSampleId :

VX0104WBSD01

Tot Ion:	88	Resp:	54554
Ion	Ratio	Lower	Upper
88	100		
43	31.0	22.2	33.4
58	64.5	51.0	76.4

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#50

Toluene-d8

Concen: 48.379 ug/l

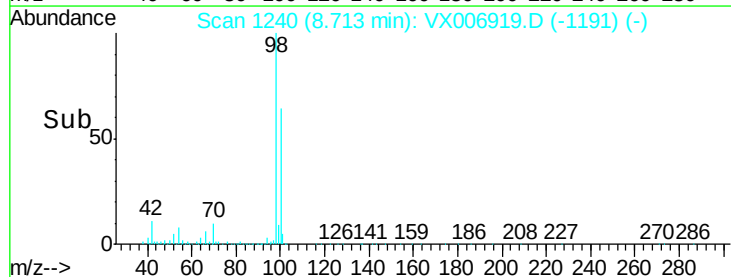
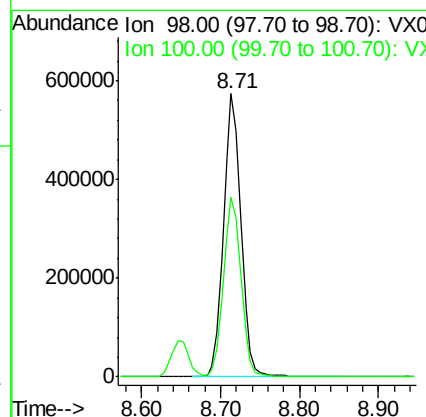
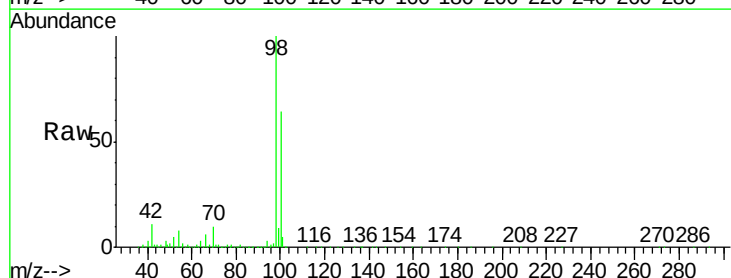
RT: 8.71 min Scan# 1240

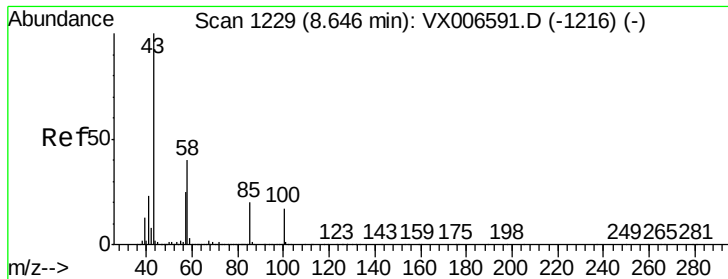
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	98	Resp:	883631
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 108.089 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion: 43 Resp: 691074

Ion Ratio Lower Upper

43 100

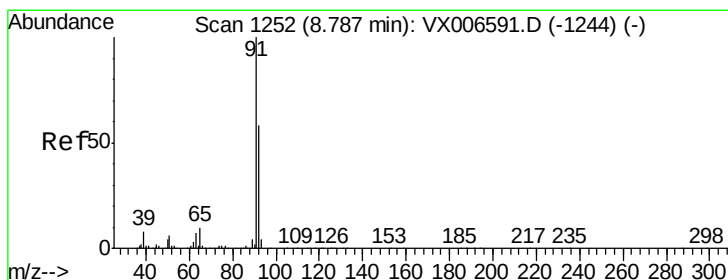
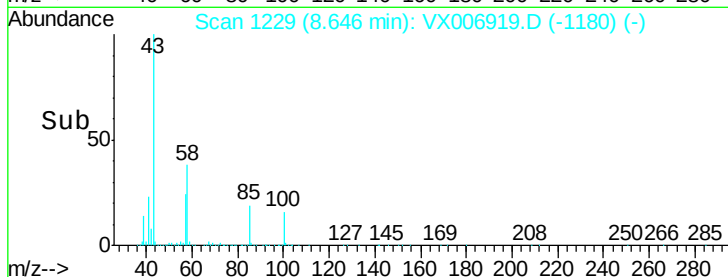
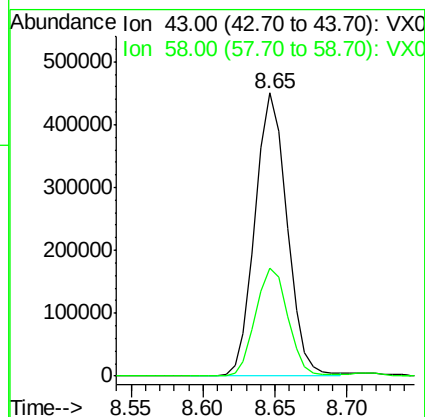
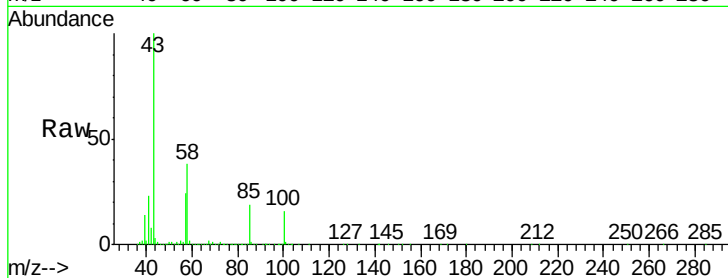
58 39.0 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 19.148 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006919.D

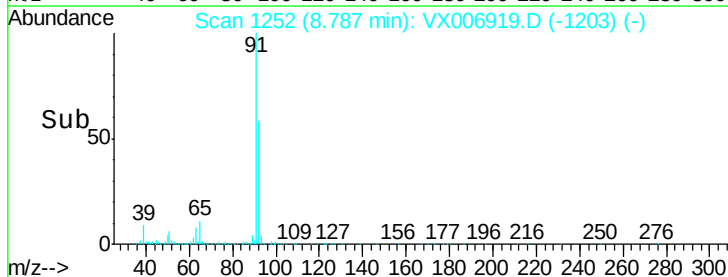
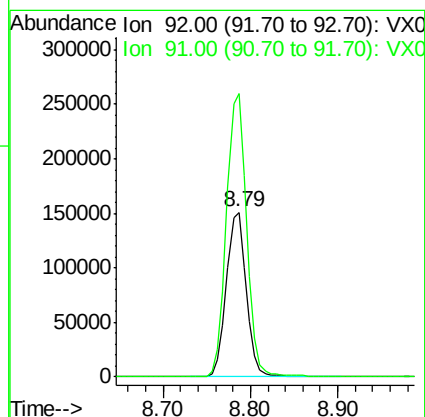
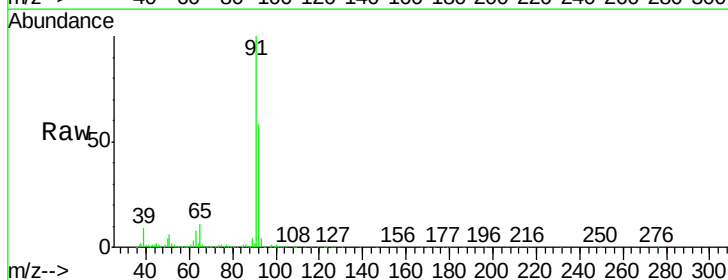
Acq: 04 Jan 2019 17:51

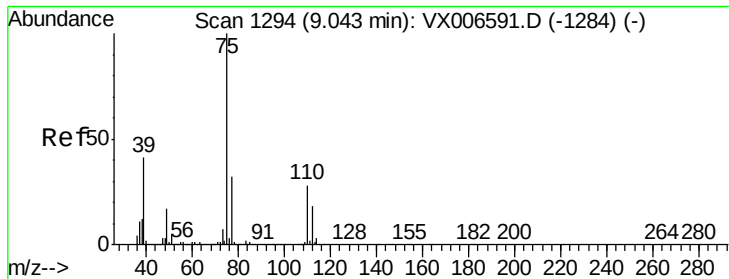
Tgt Ion: 92 Resp: 238594

Ion Ratio Lower Upper

92 100

91 174.9 137.6 206.4





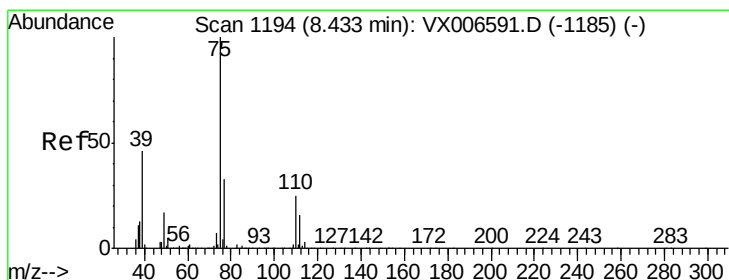
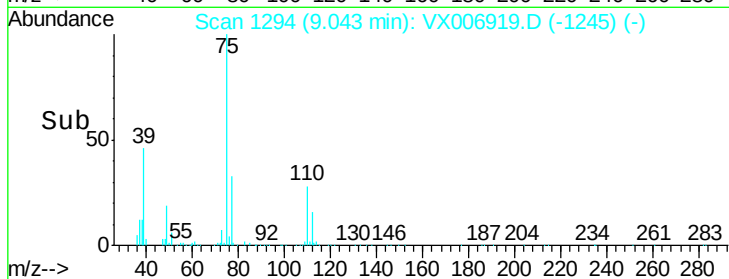
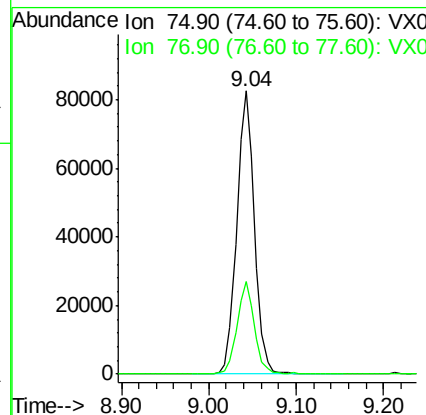
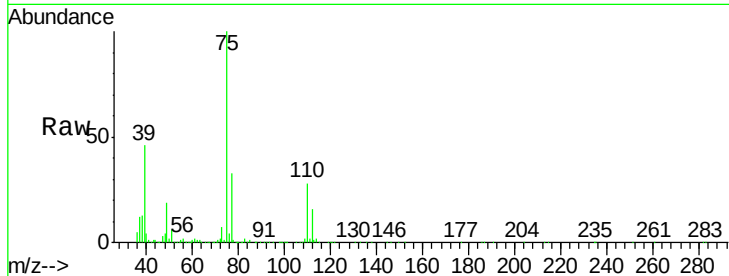
#53
 t-1,3-Dichloropropene
 Concen: 18.956 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.4	38.0

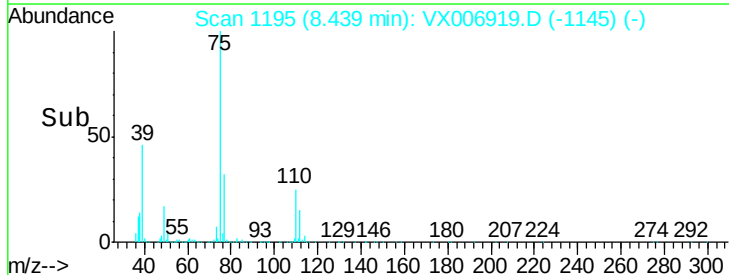
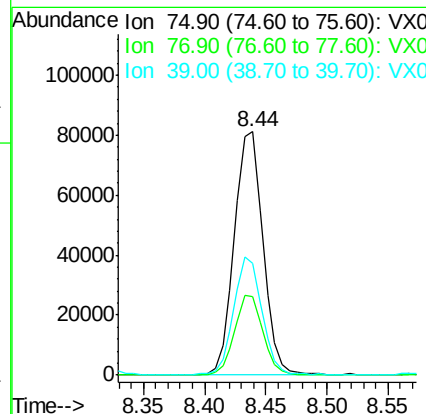
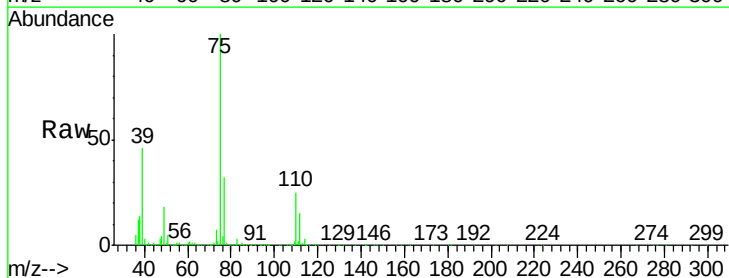
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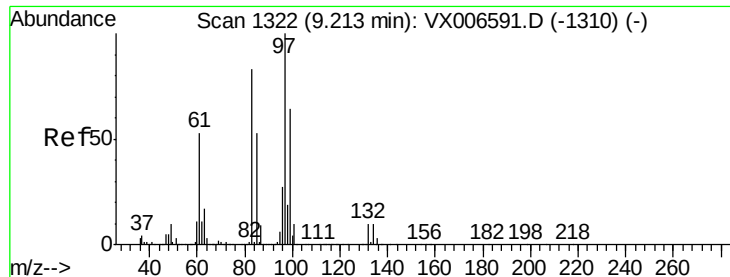
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 19.454 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.2	39.2
39	45.5	36.7	55.1





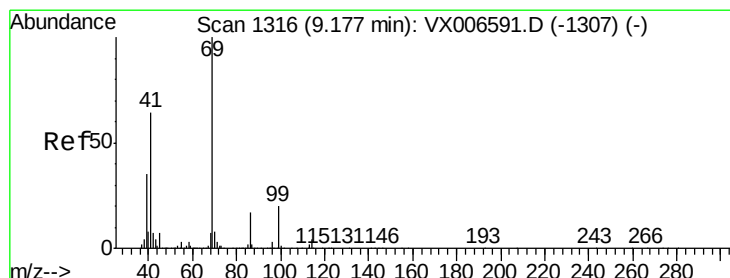
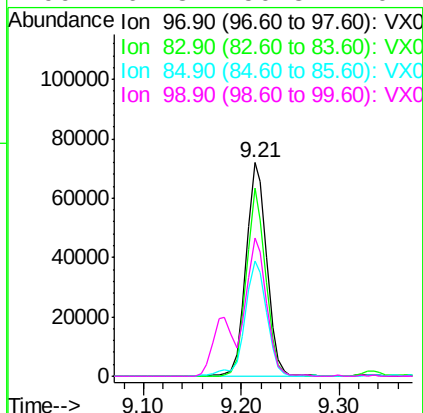
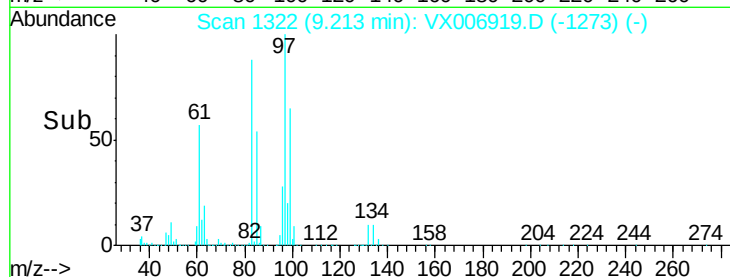
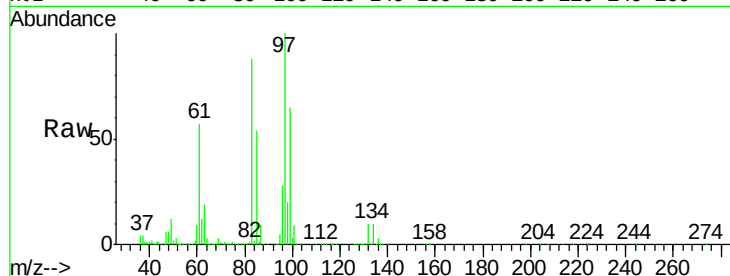
#55
 1,1,2-Trichloroethane
 Concen: 20.612 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion:	97	Resp:	105128
Ion Ratio	Lower	Upper	
97	100		
83	87.9	66.6	99.8
85	54.0	42.7	64.1
99	64.8	50.8	76.2

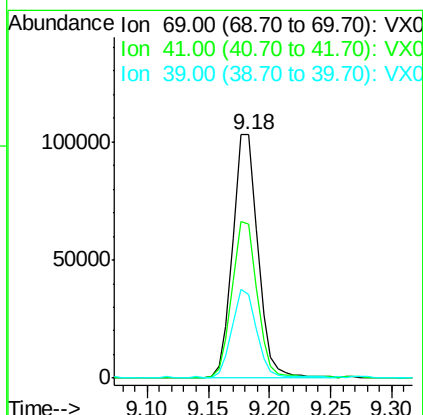
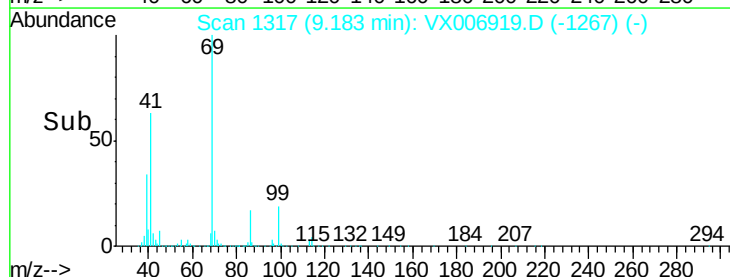
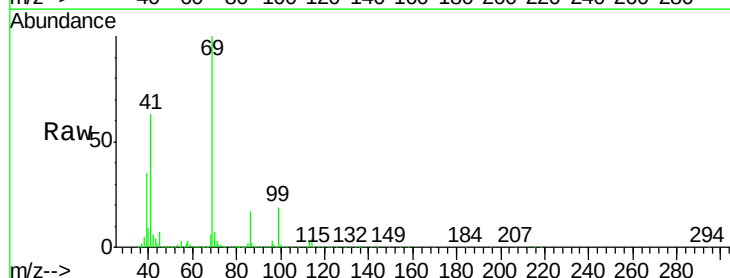
Manual Integrations
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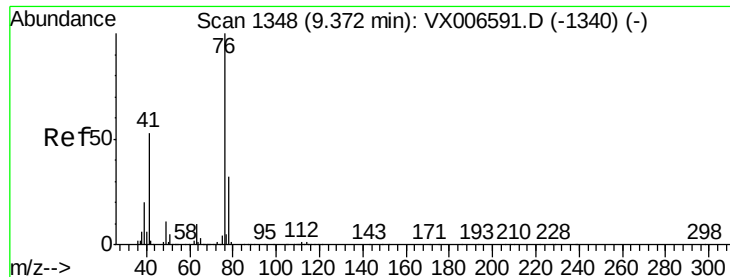
MMDadoda
 1/7/2019 12:28:54 PM



#56
 Ethyl methacrylate
 Concen: 20.478 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion:	69	Resp:	147617
Ion Ratio	Lower	Upper	
69	100		
41	64.3	48.7	73.1
39	35.5	27.0	40.6





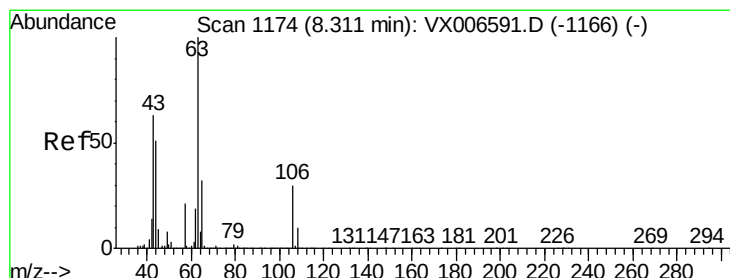
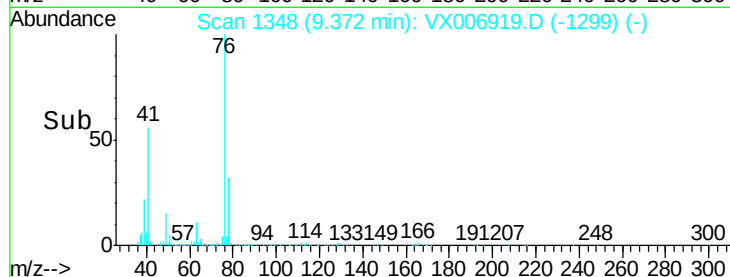
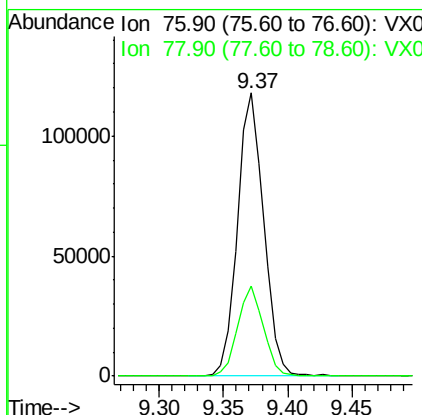
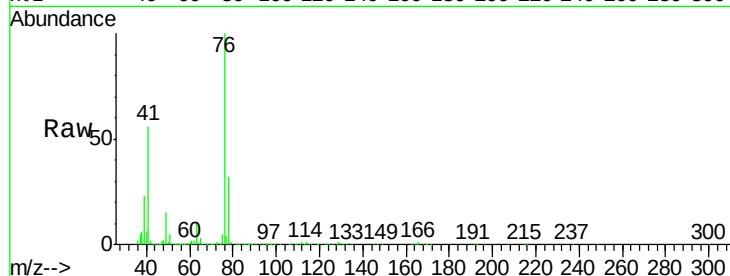
#57
 1,3-Dichloropropane
 Concen: 20.265 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.0	39.0

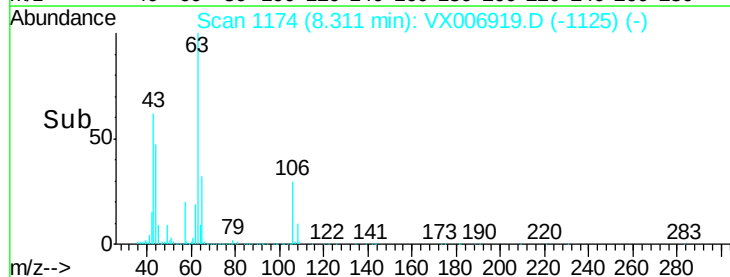
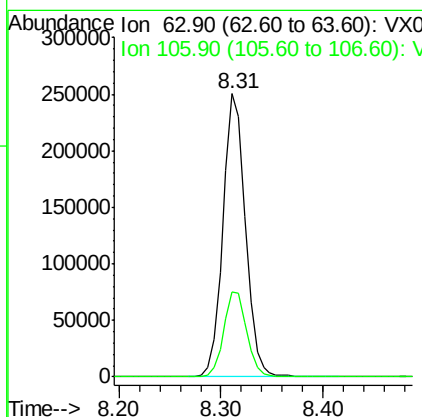
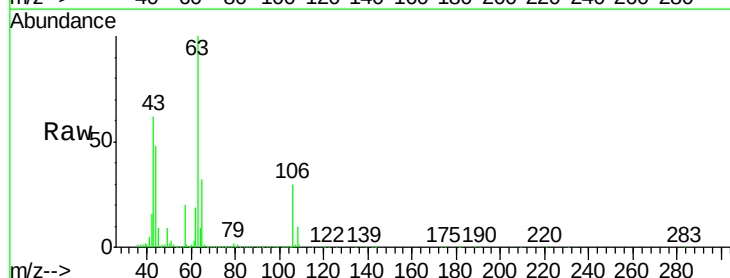
Manual Integrations
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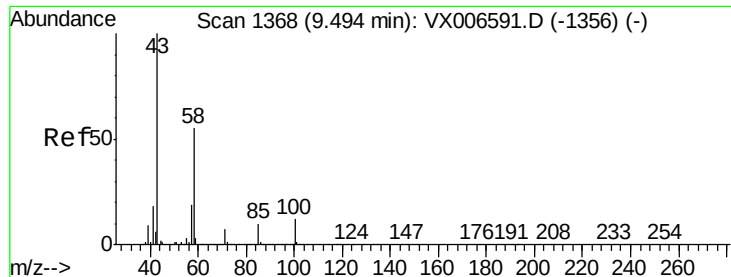
MMDadoda
 1/7/2019 12:28:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.643 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	24.6	36.8





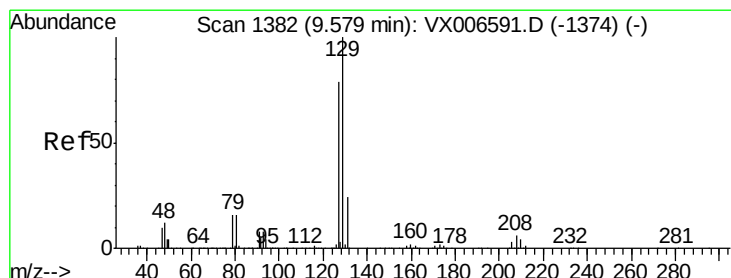
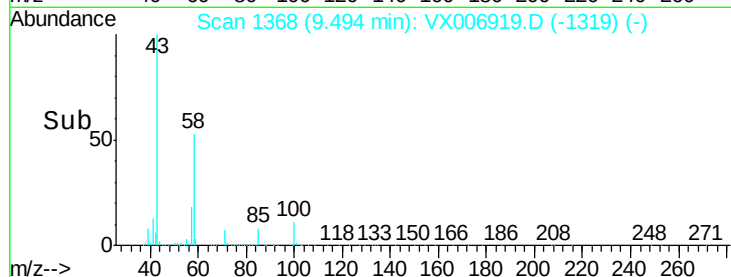
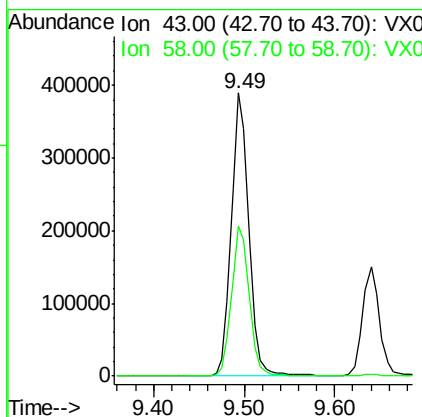
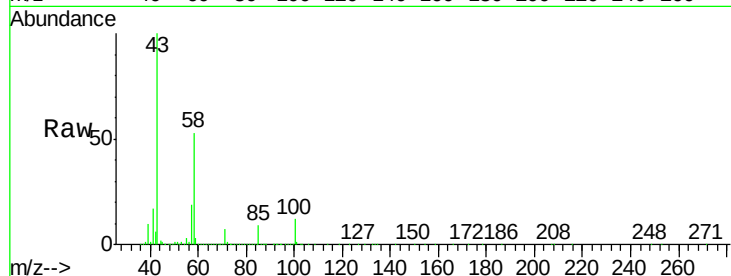
#59
2-Hexanone
Concen: 106.219 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion: 43 Resp: 519606
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.1

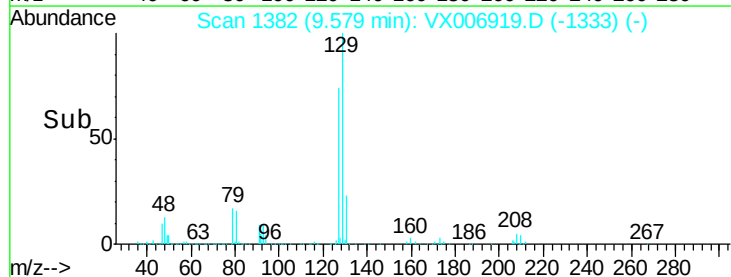
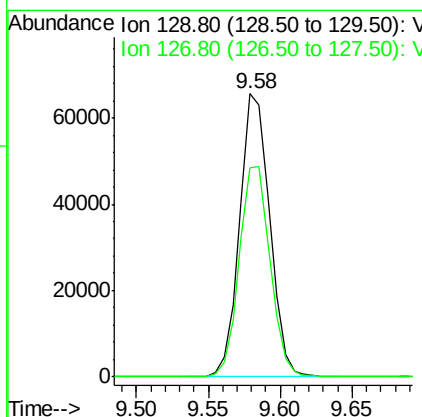
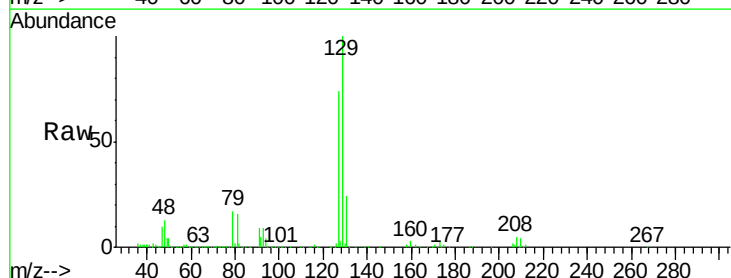
Manual Integrations
APPROVED

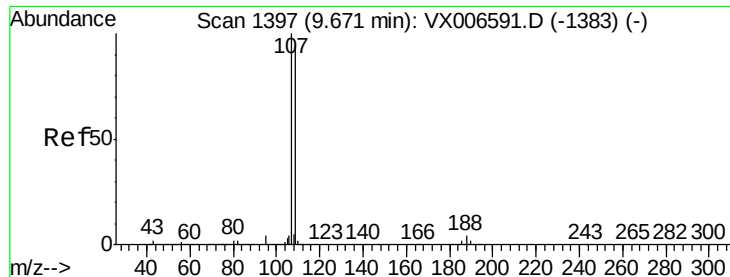
MMDadoda
1/7/2019 12:28:54 PM



#60
Dibromochloromethane
Concen: 19.369 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion: 129 Resp: 95355
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.020 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion: 107 Resp: 108544

Ion Ratio Lower Upper

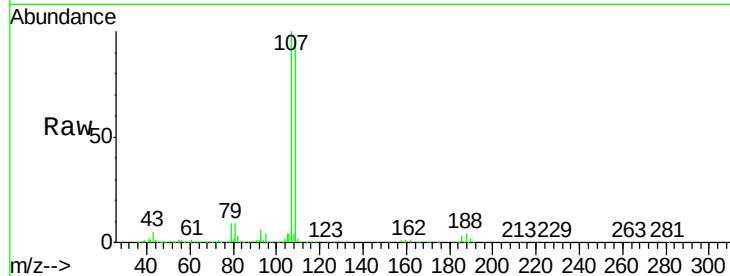
107 100

109 95.5 75.8 113.6

Manual Integrations
APPROVED

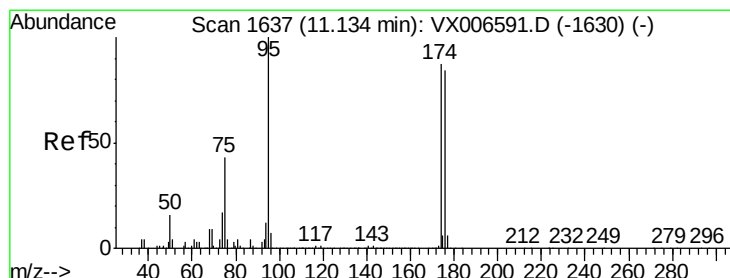
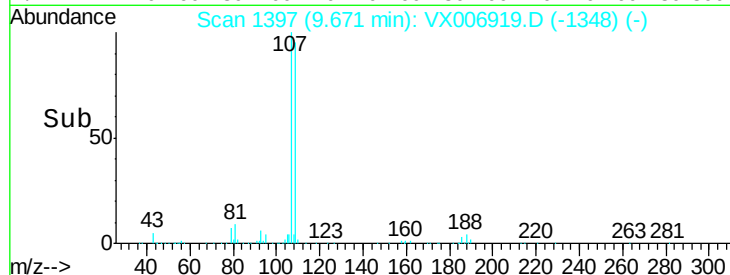
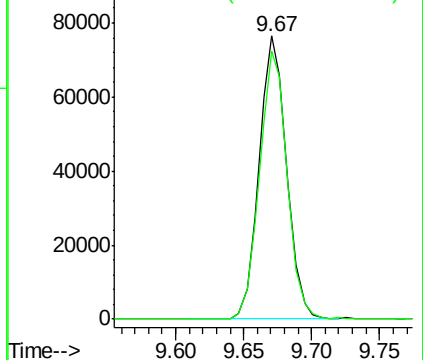
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.566 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

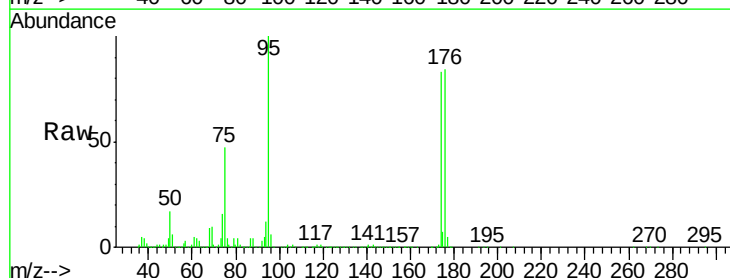
Tgt Ion: 95 Resp: 311492

Ion Ratio Lower Upper

95 100

174 91.0 0.0 182.2

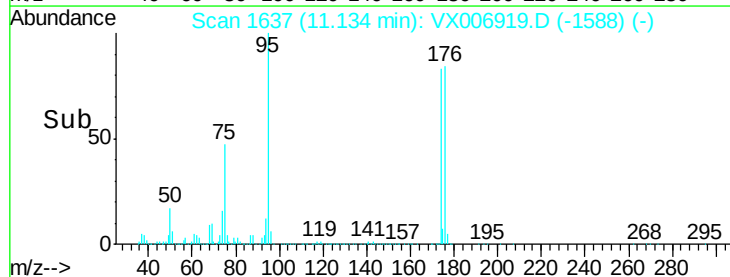
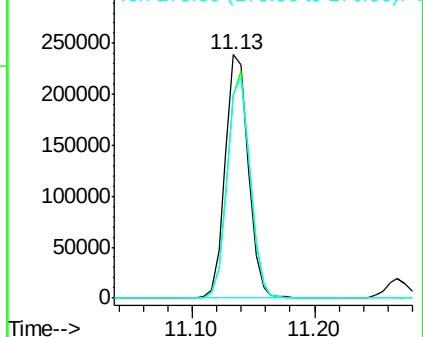
176 89.5 0.0 178.8

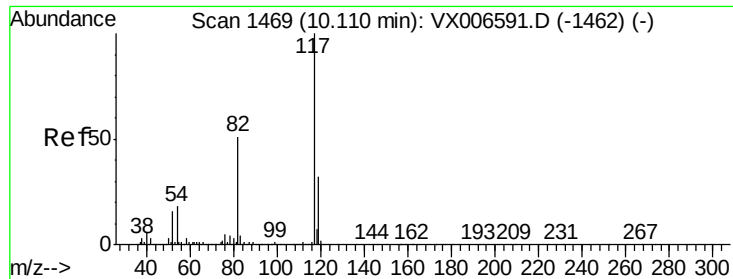


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





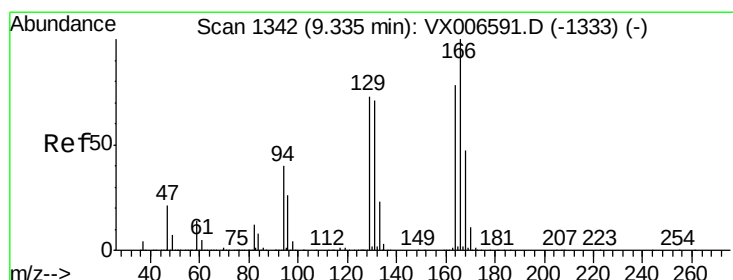
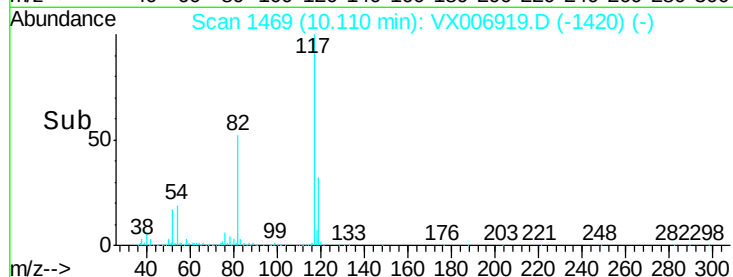
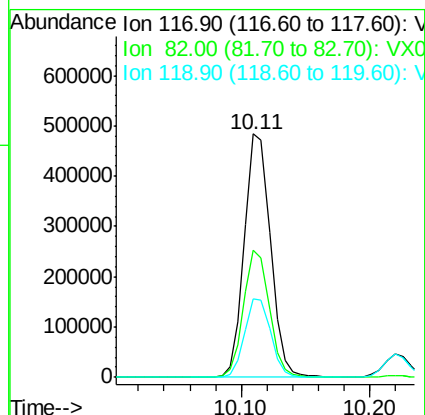
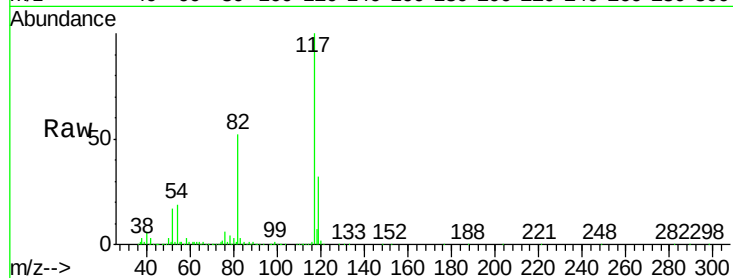
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.0	61.6
119	32.5	25.4	38.0

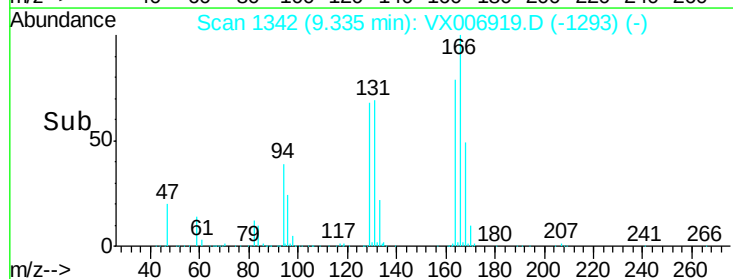
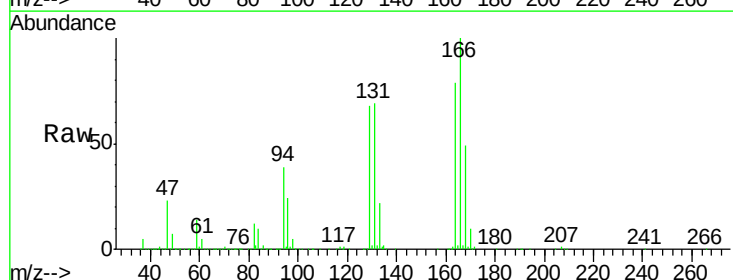
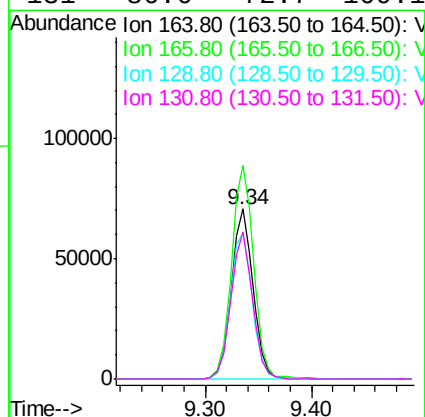
Manual Integrations
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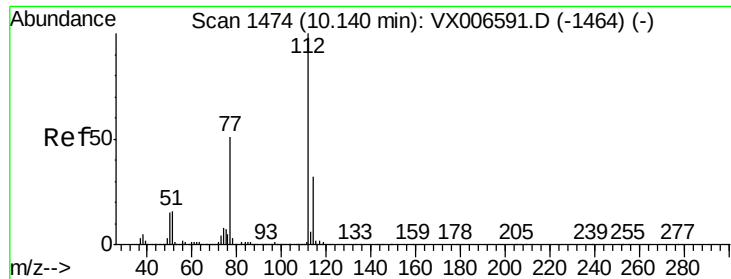
MMDadoda
1/7/2019 12:28:54 PM



#64
Tetrachloroethene
Concen: 18.731 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.5	153.7
129	85.7	75.1	112.7
131	86.6	72.7	109.1





#65

Chlorobenzene

Concen: 19.365 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion:112 Resp: 278377

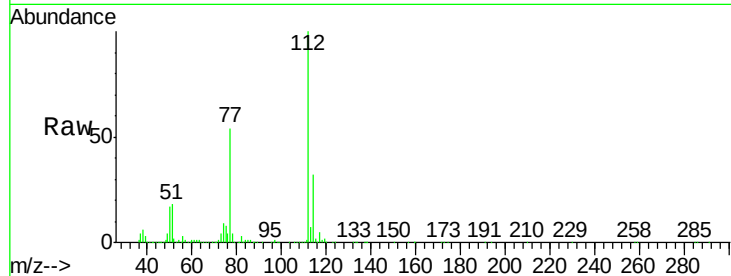
Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5

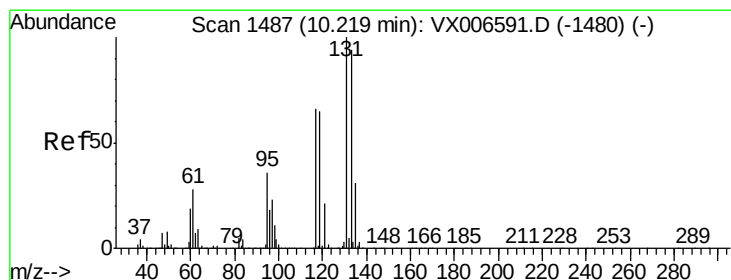
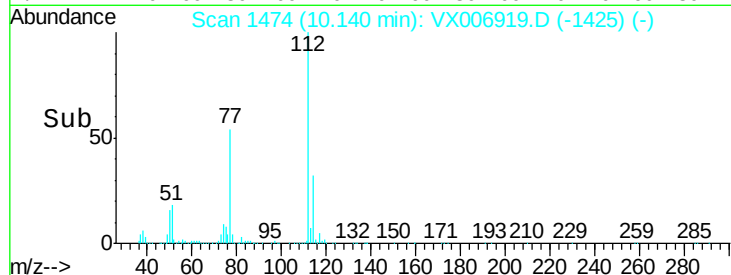
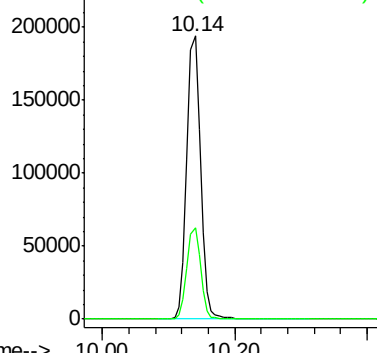
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.147 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

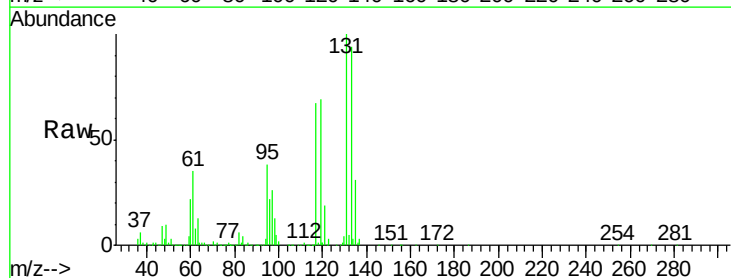
Tgt Ion:131 Resp: 94842

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

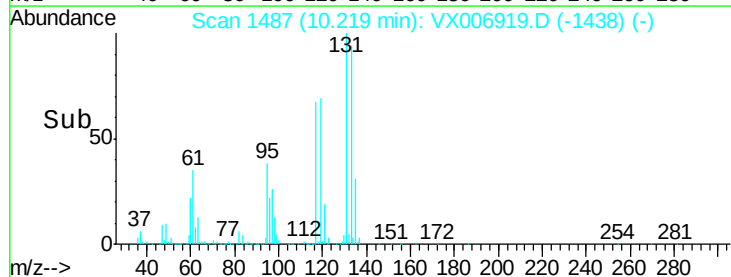
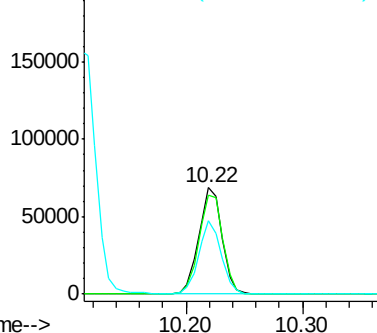
119 66.5 32.6 97.8

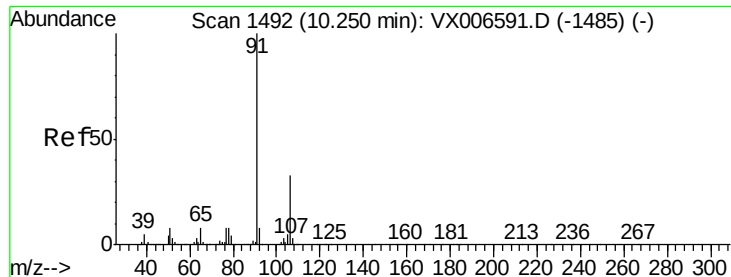


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.970 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampled :

VX0104WBSD01

Tot Ion: 91 Resp: 445610

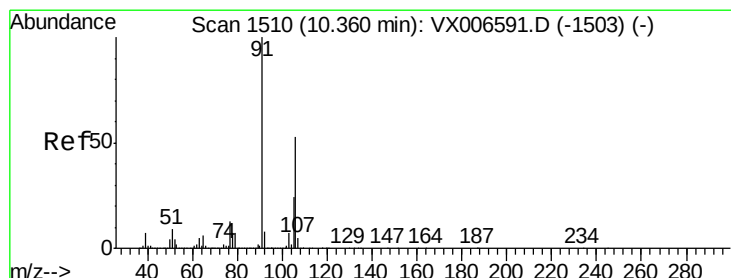
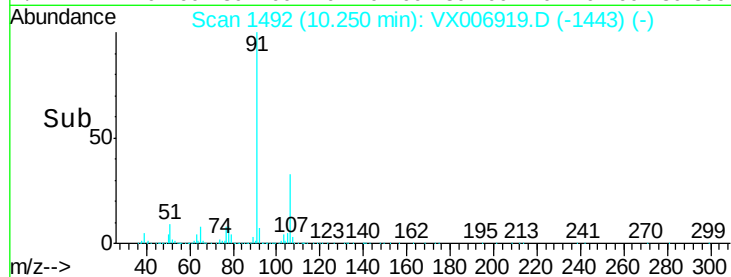
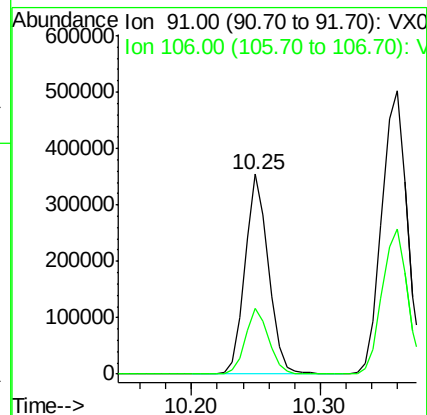
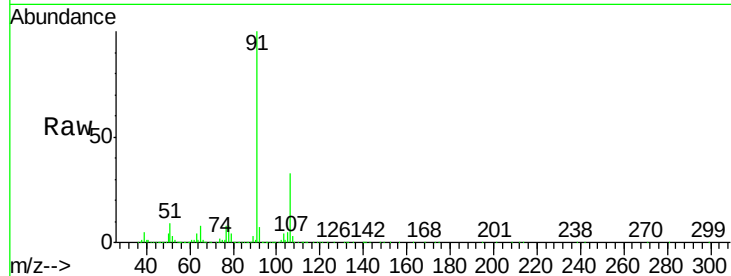
Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6

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#68

m/p-Xylenes

Concen: 37.735 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006919.D

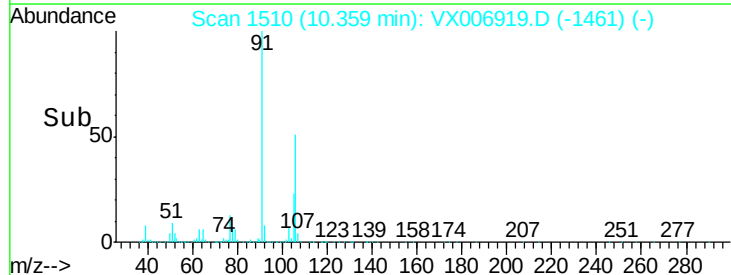
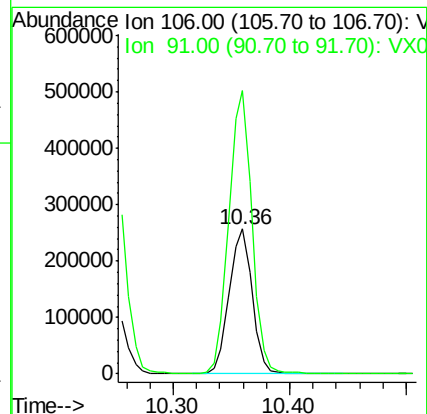
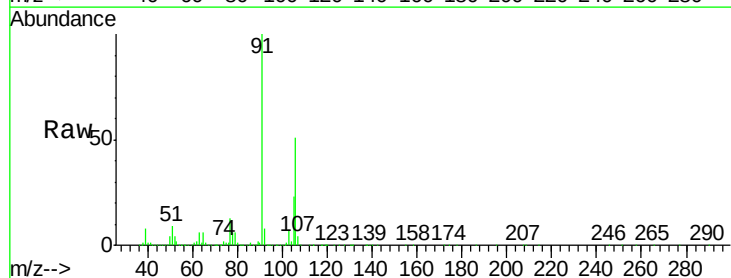
Acq: 04 Jan 2019 17:51

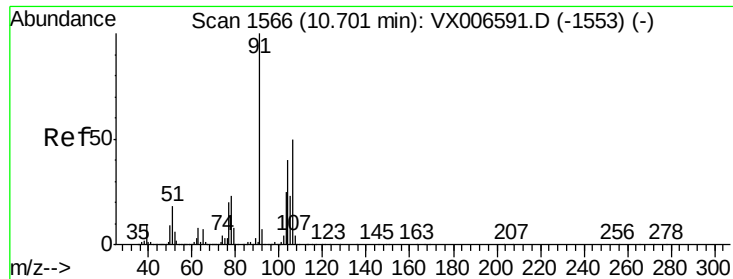
Tgt Ion: 106 Resp: 349764

Ion Ratio Lower Upper

106 100

91 196.8 155.8 233.6





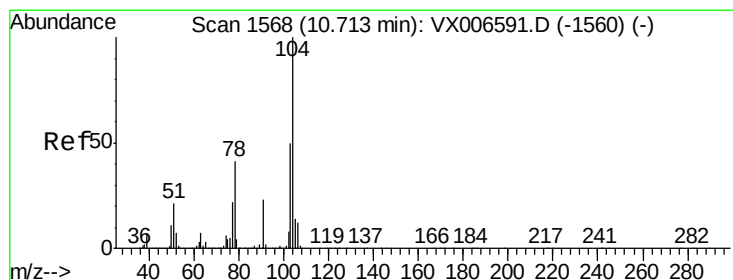
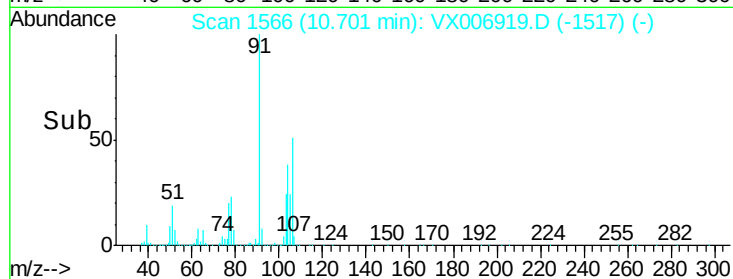
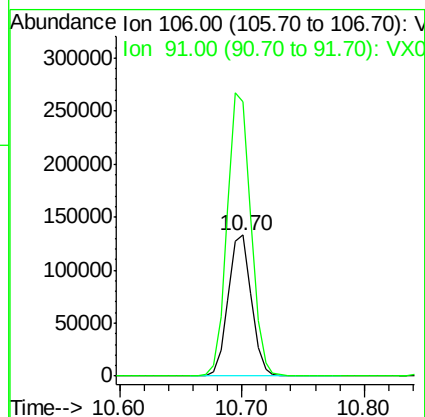
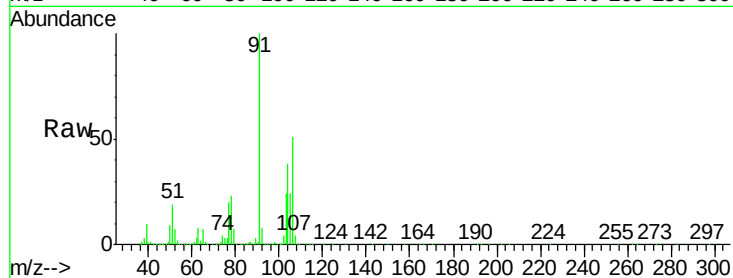
#69
o-Xylene
Concen: 19.129 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.0	101.3	303.7

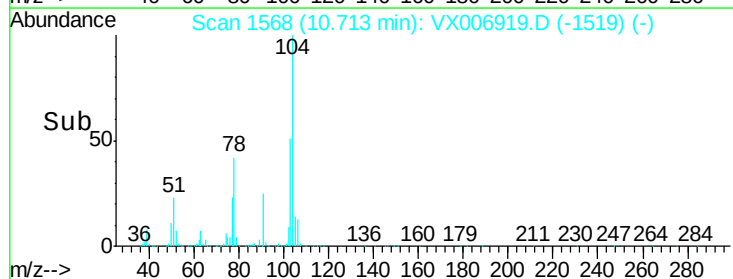
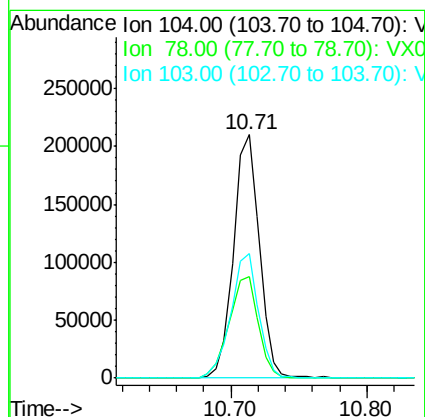
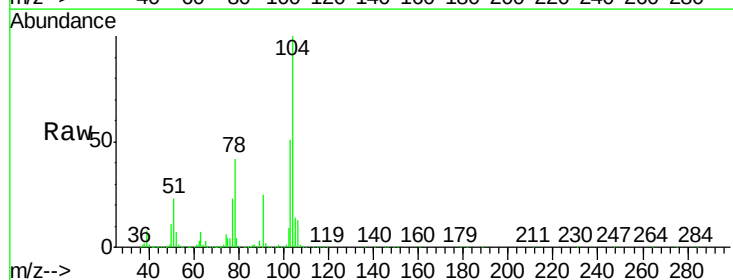
Manual Integrations
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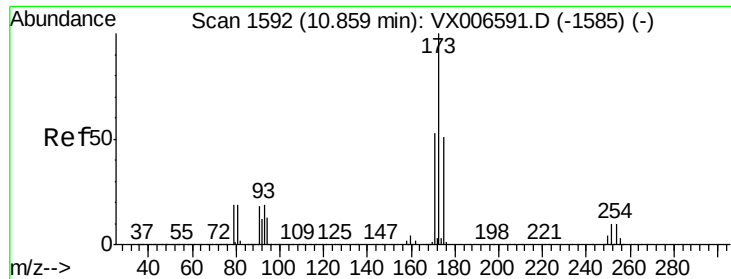
MMDadoda
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#70
Styrene
Concen: 19.247 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.7	56.5
103	54.8	43.8	65.8





#71

Bromoform

Concen: 19.302 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

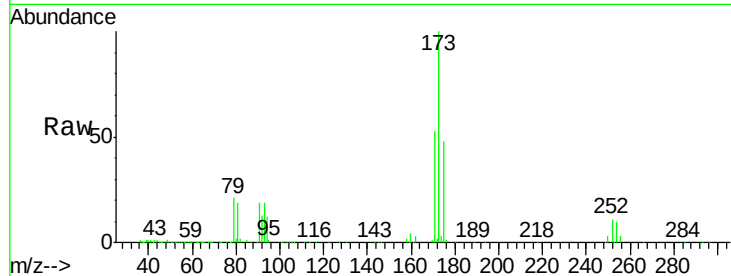
ClientSampleId :

VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.7	74.1
254	0.1	0.2	0.2

Manual Integrations
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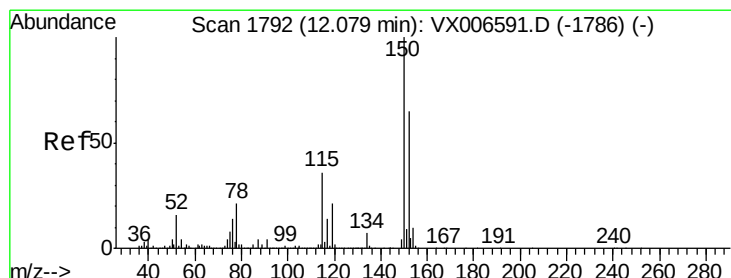
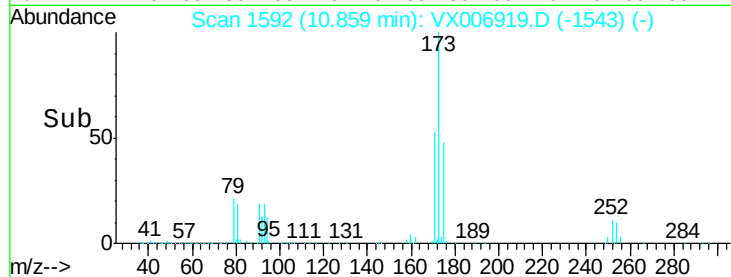
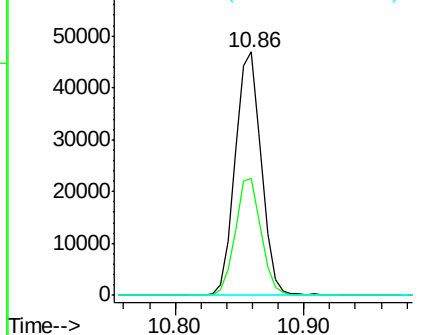


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

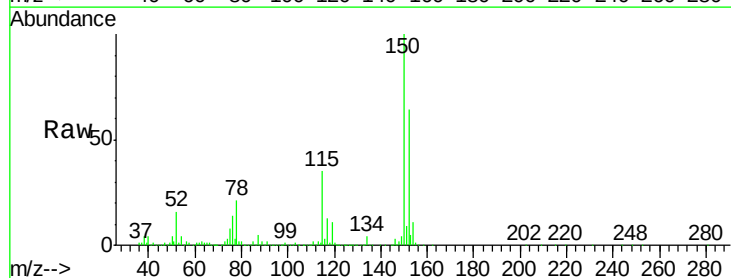
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	39.1	117.2
150	161.6	0.0	344.8

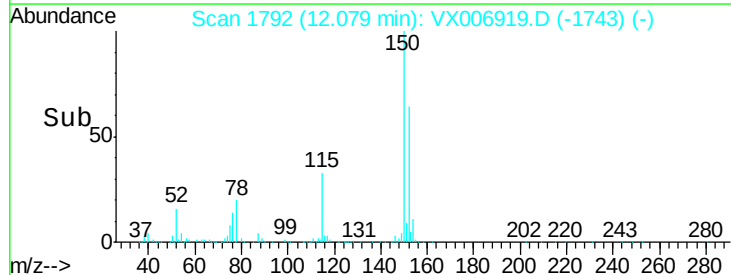
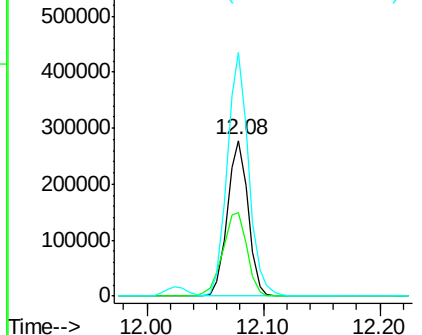


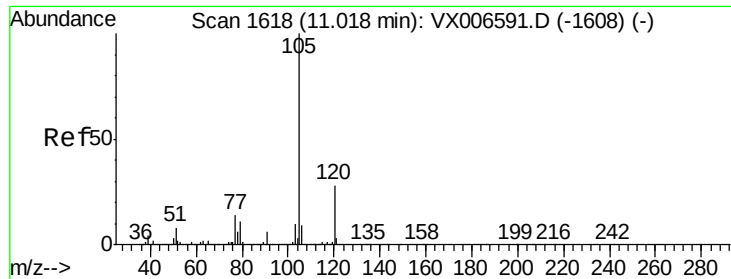
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.776 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion: 105 Resp: 463244

Ion Ratio Lower Upper

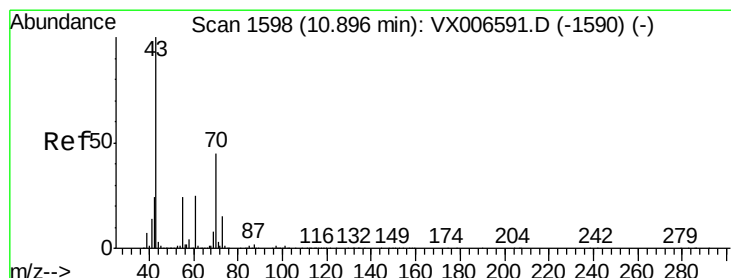
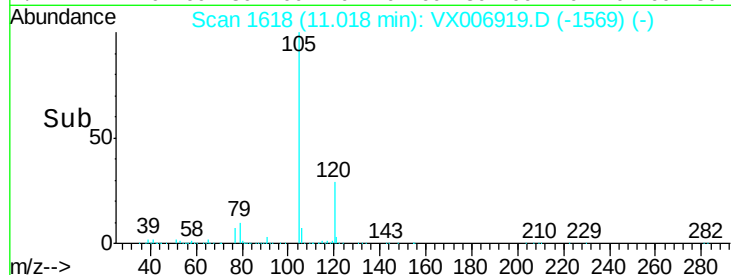
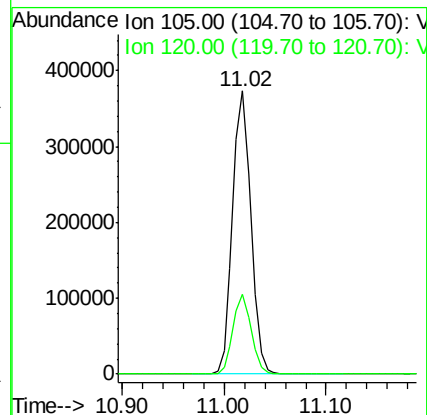
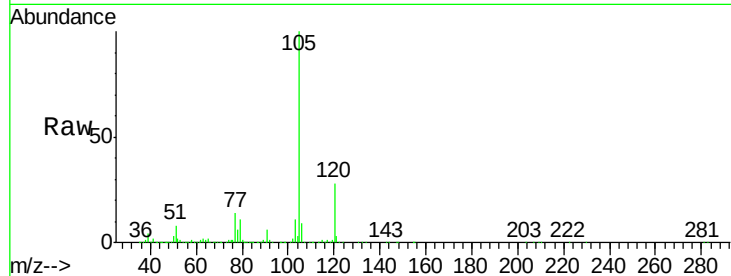
105 100

120 28.1 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 22.320 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion: 43 Resp: 187144

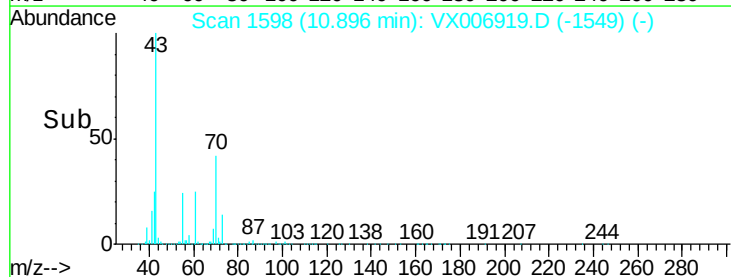
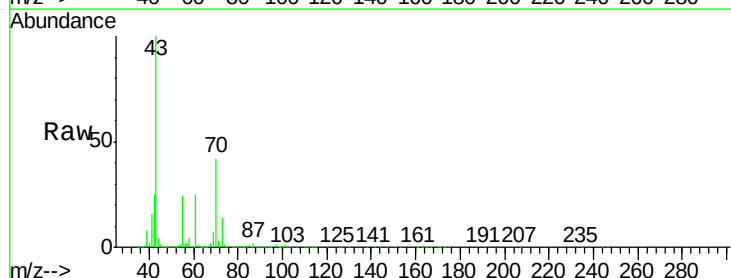
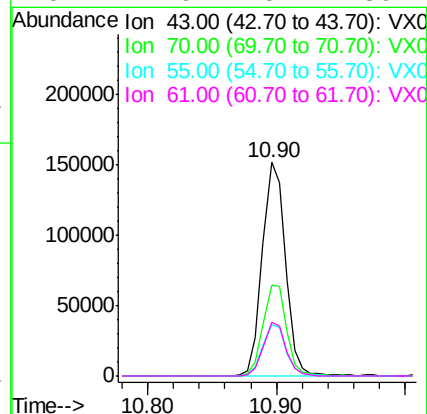
Ion Ratio Lower Upper

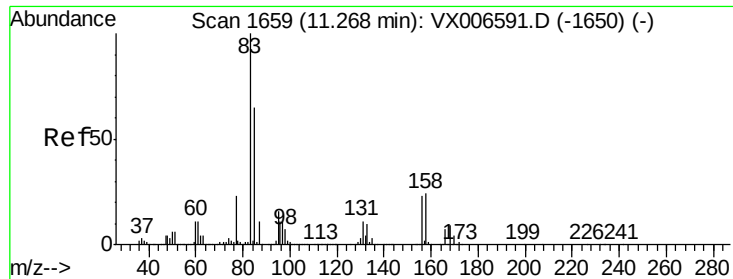
43 100

70 43.9 35.8 53.8

55 24.7 19.4 29.0

61 24.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.925 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

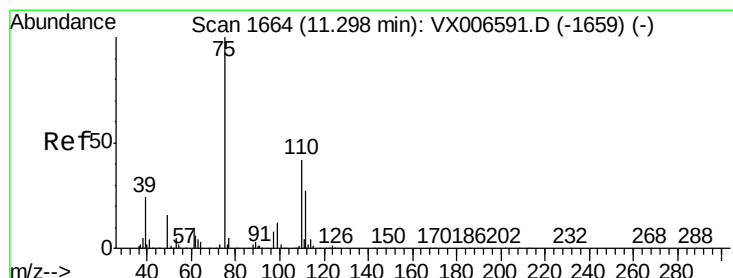
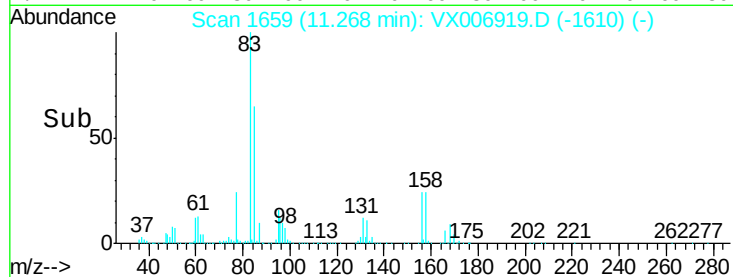
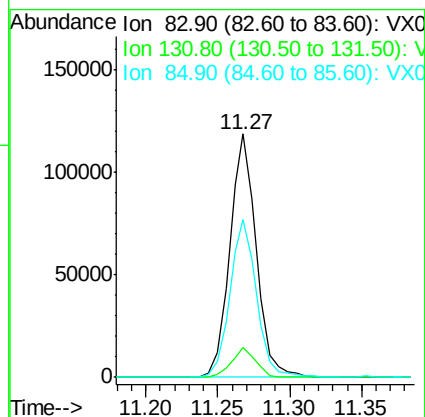
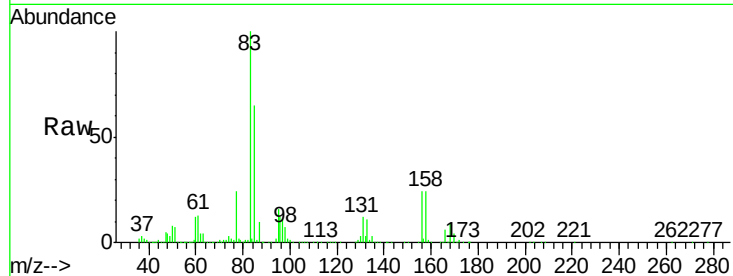
ClientSampleId :

VX0104WBSD01

Tot Ion:	83	Resp:	152738
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.1
85	65.7	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.619 ug/l m

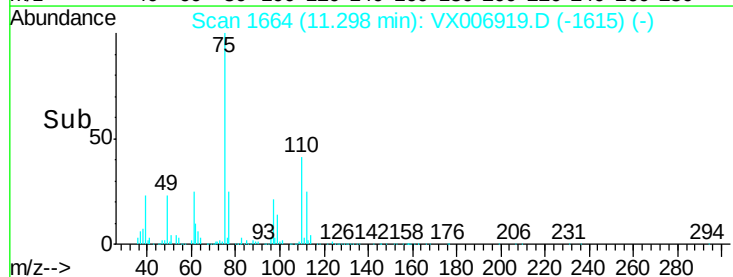
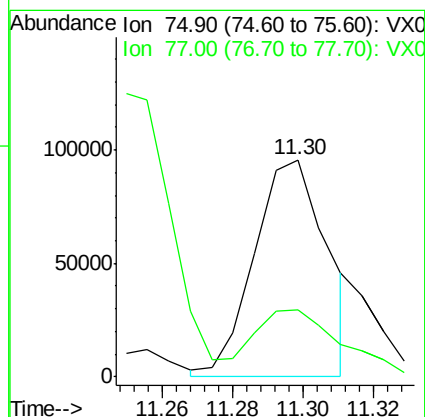
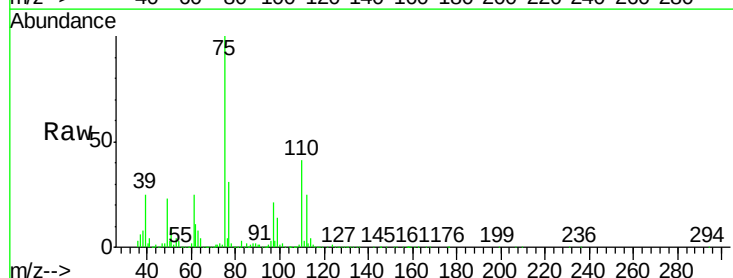
RT: 11.30 min Scan# 1664

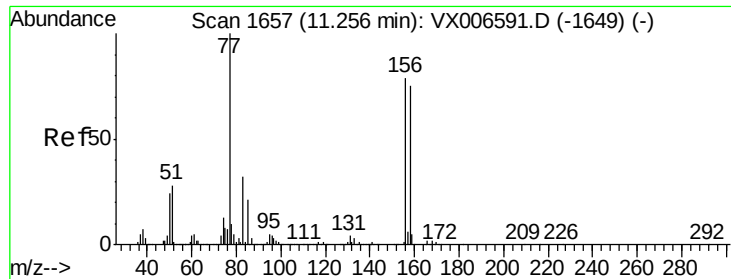
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	75	Resp:	137570
Ion Ratio	Lower	Upper	
75	100		
77	36.2	18.5	55.5





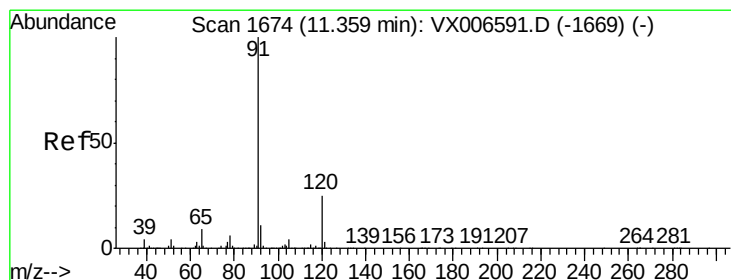
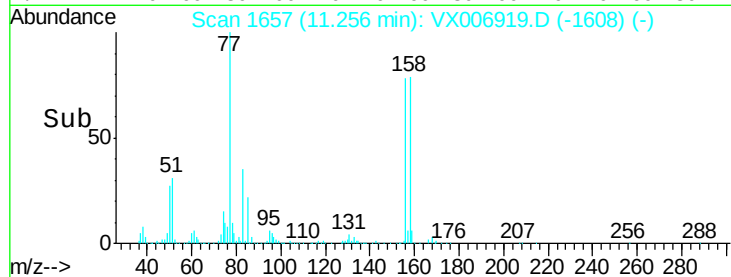
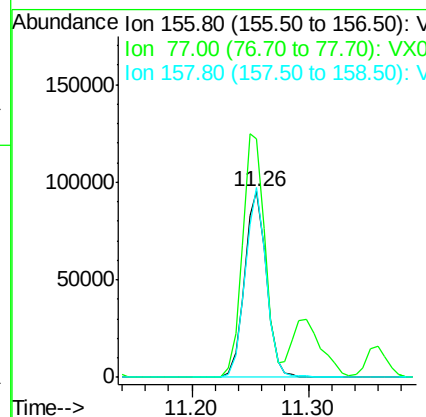
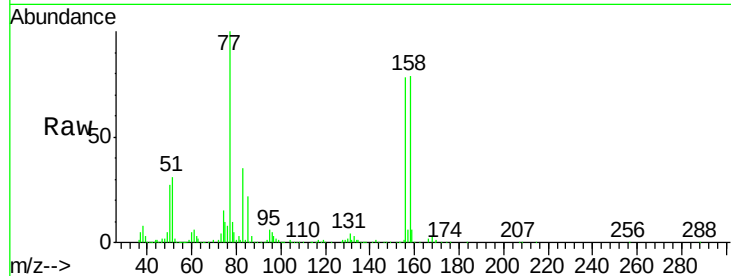
#77
Bromobenzene
Concen: 19.755 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.0	68.0	204.0
158	98.4	48.3	144.8

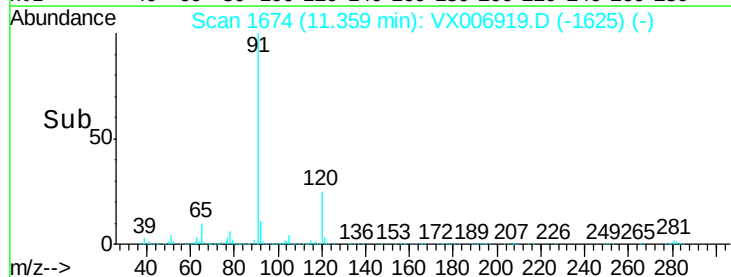
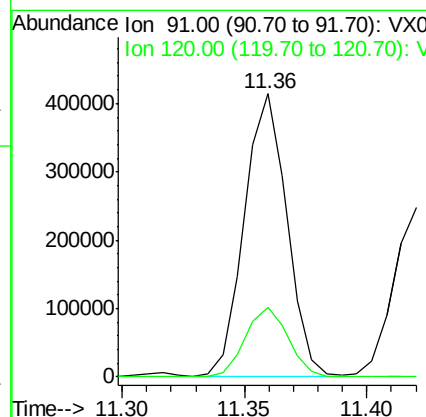
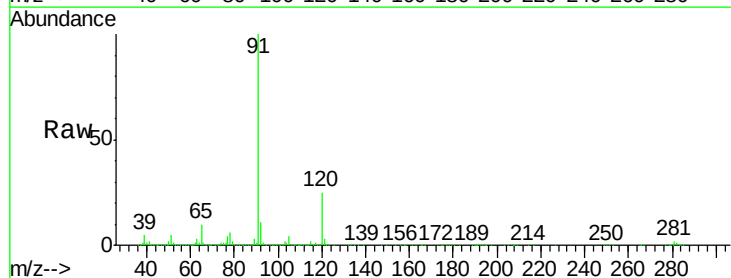
Manual Integrations
APPROVED

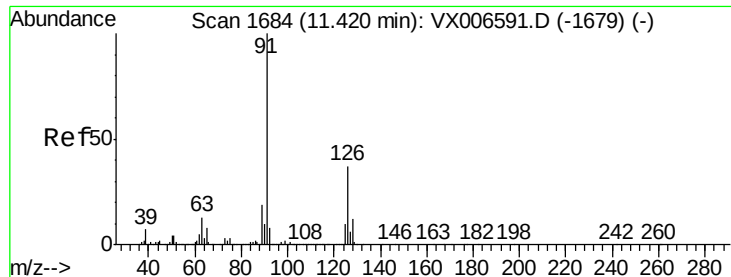
MMDadoda
1/7/2019 12:28:54 PM



#78
n-propylbenzene
Concen: 19.330 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.464 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampled :

VX0104WBSD01

Tot Ion: 91 Resp: 304259

Ion Ratio Lower Upper

91 100

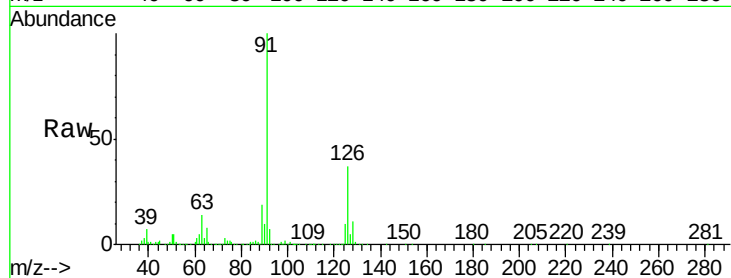
126 36.7 18.6 56.0

Manual Integrations

APPROVED

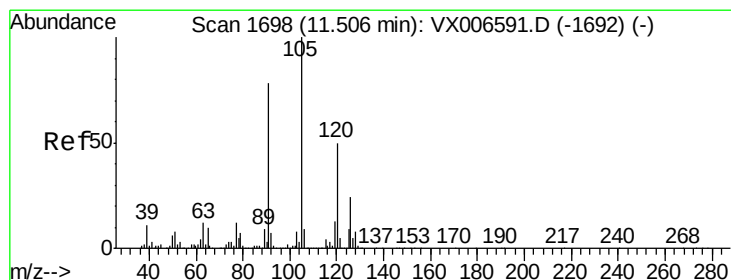
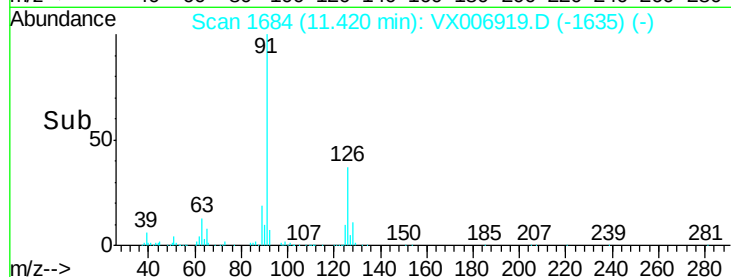
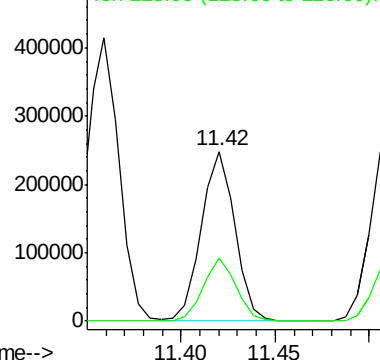
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.656 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006919.D

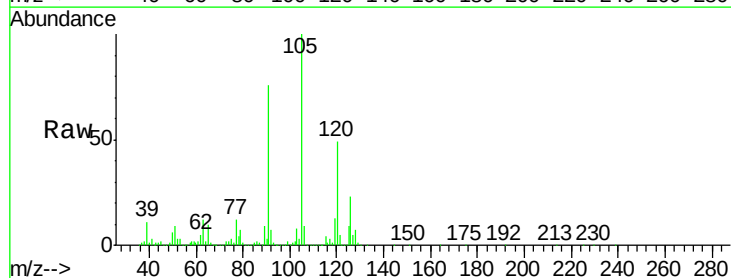
Acq: 04 Jan 2019 17:51

Tgt Ion: 105 Resp: 379247

Ion Ratio Lower Upper

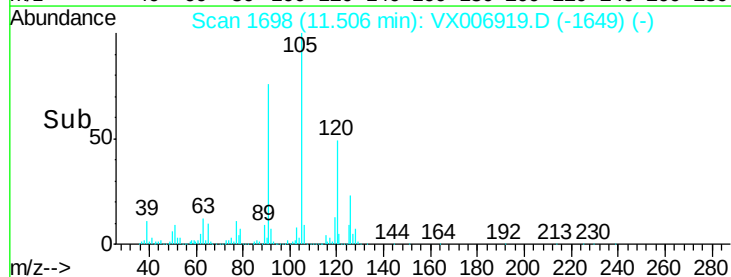
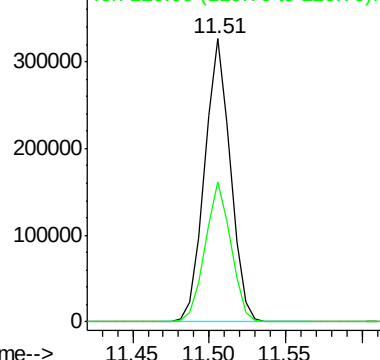
105 100

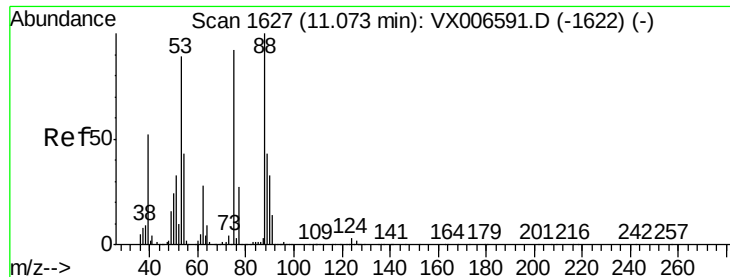
120 49.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





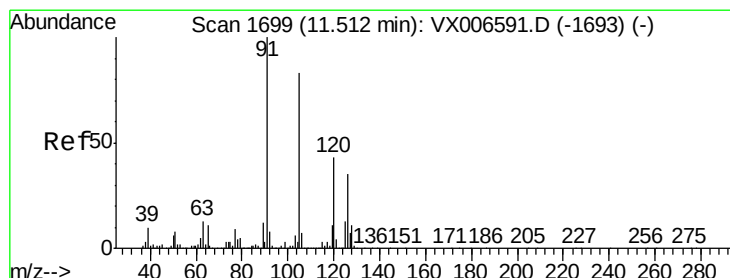
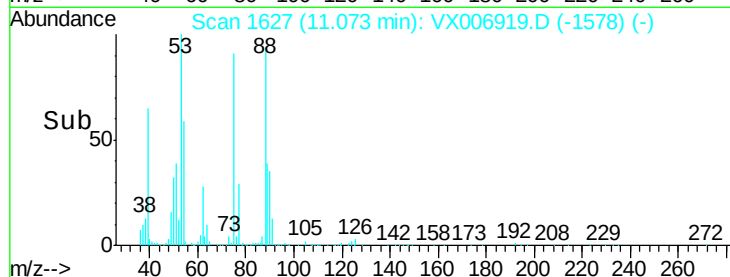
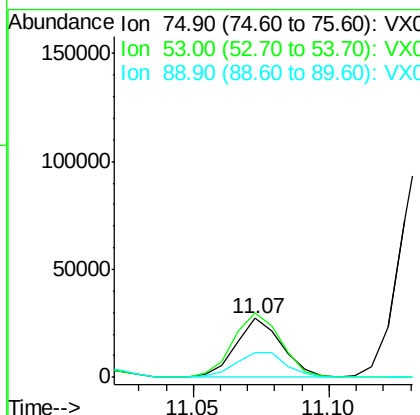
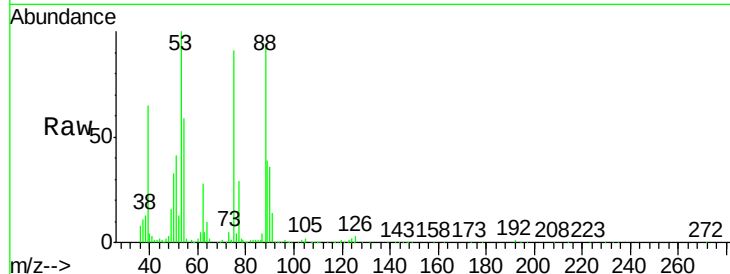
#81
trans-1,4-Dichloro-2-butene
Concen: 18.223 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.4	79.7	119.5
89	47.2	38.0	57.0

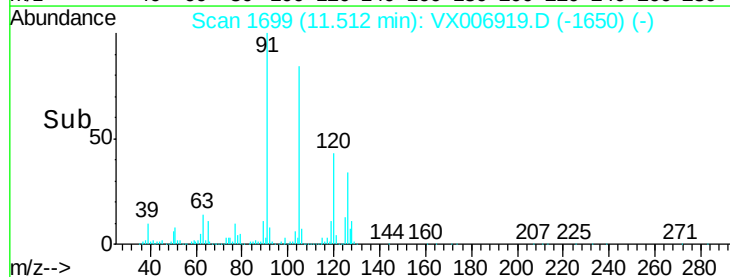
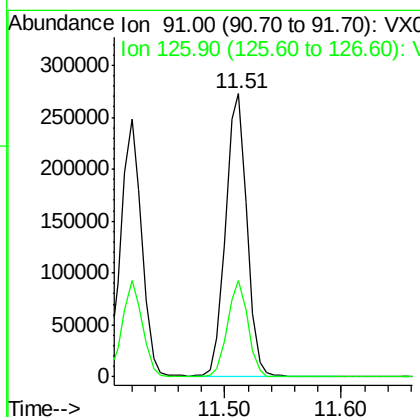
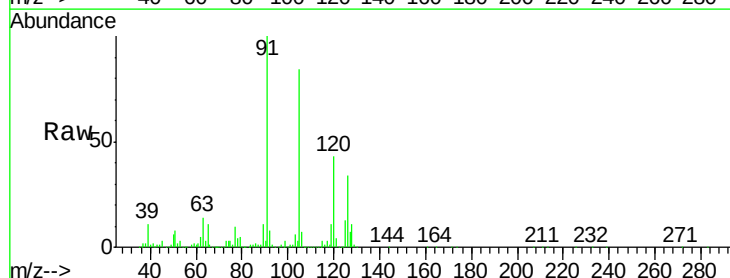
Manual Integrations
APPROVED

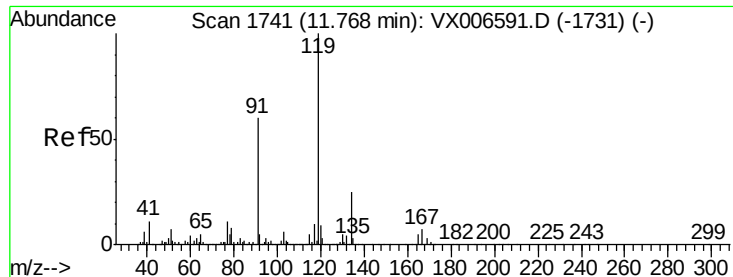
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#82
4-Chlorotoluene
Concen: 19.283 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.9





#83

tert-Butylbenzene

Concen: 19.582 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

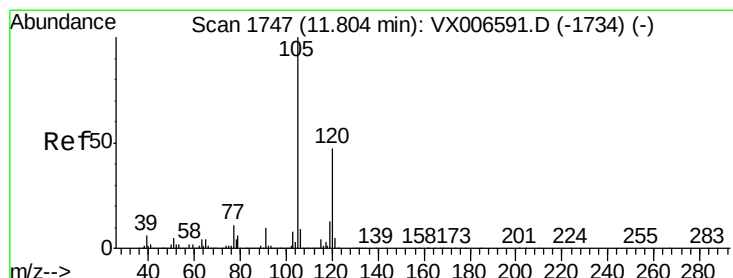
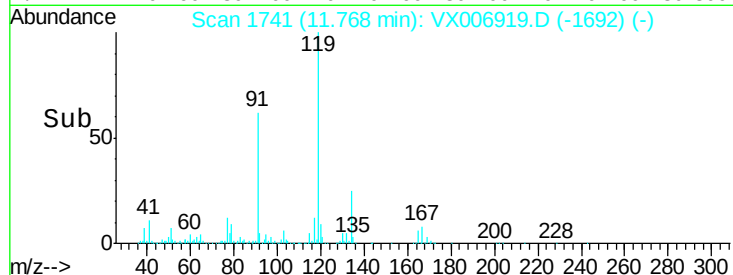
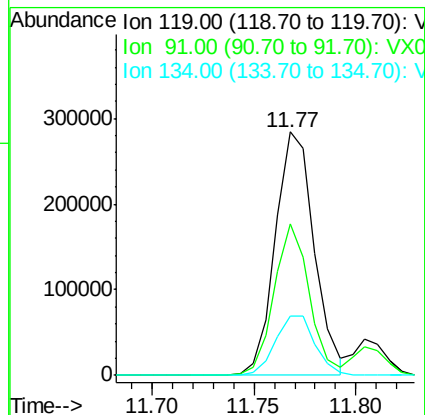
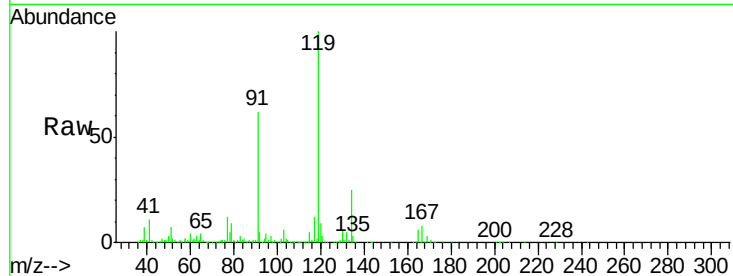
ClientSampleId :

VX0104WBSD01

Tot Ion:	119	Resp:	378138
Ion Ratio	Lower	Upper	
119	100		
91	56.2	27.7	83.1
134	25.1	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.101 ug/l

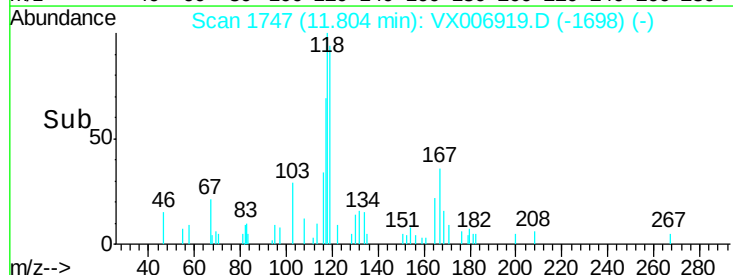
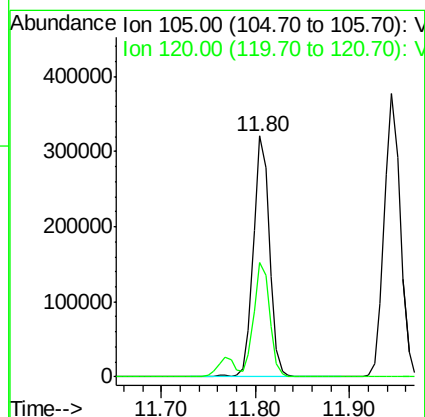
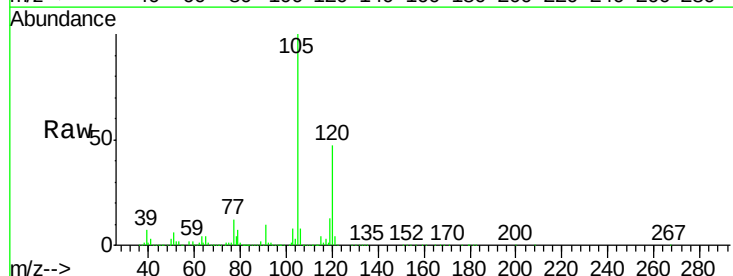
RT: 11.80 min Scan# 1747

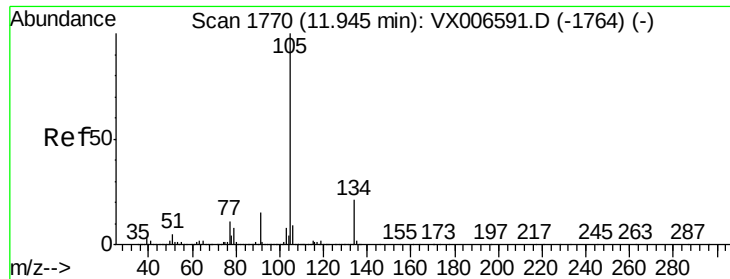
Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	105	Resp:	387638
Ion Ratio	Lower	Upper	
105	100		
120	46.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.016 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBSD01

Tot Ion:105 Resp: 450201

Ion Ratio Lower Upper

105 100

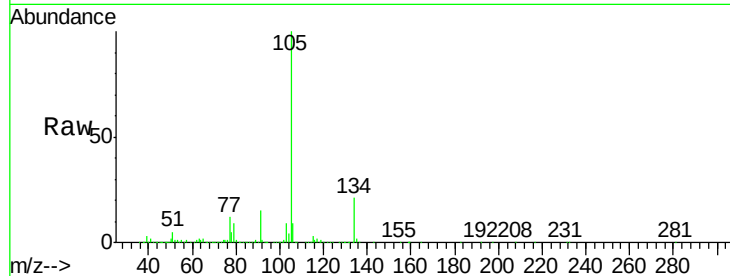
134 21.7 10.7 31.9

Manual Integrations

APPROVED

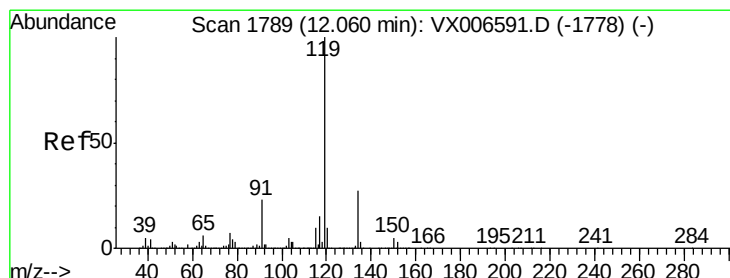
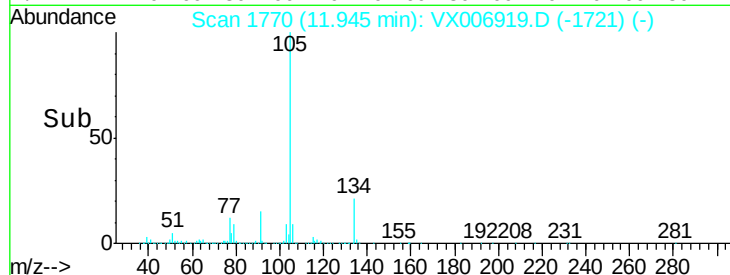
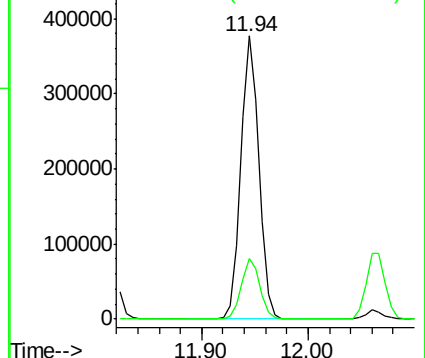
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.411 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

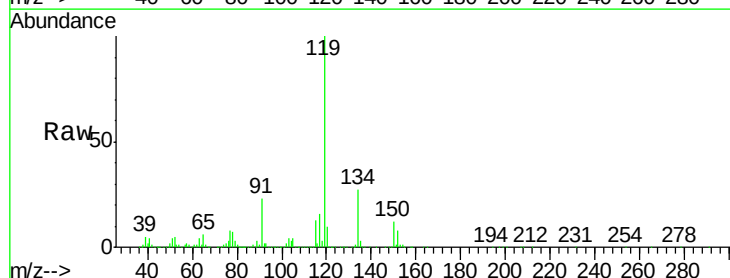
Tgt Ion:119 Resp: 403968

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

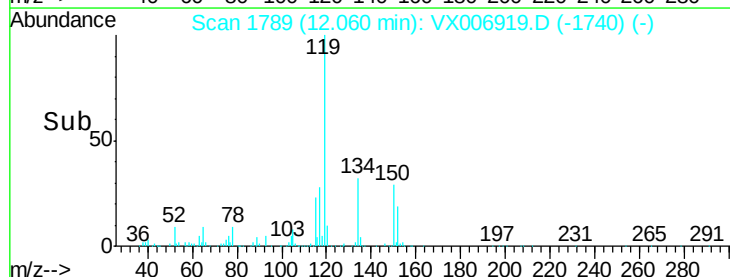
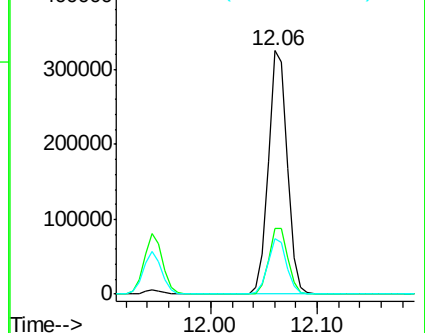
91 22.5 11.3 33.9

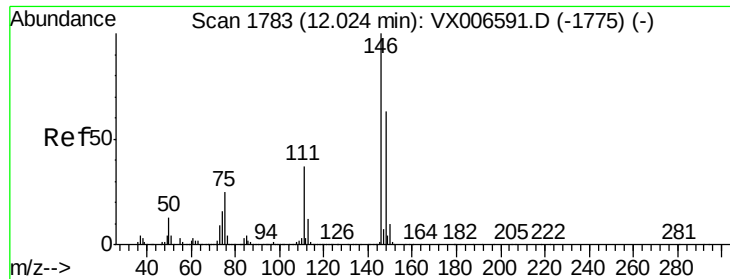


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





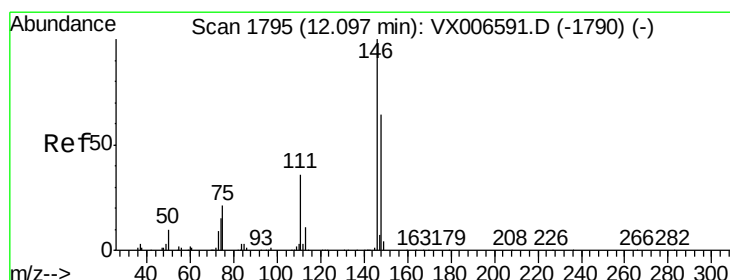
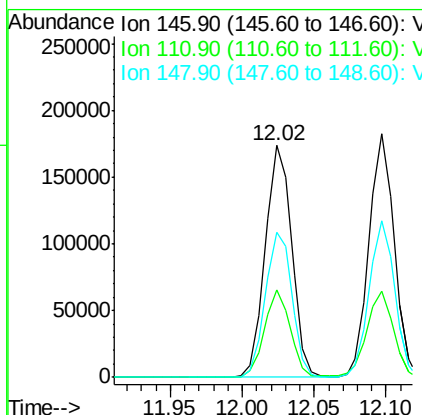
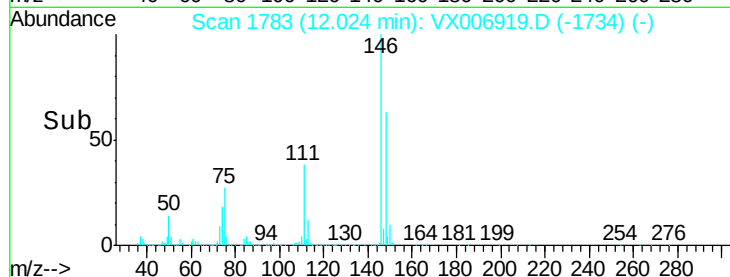
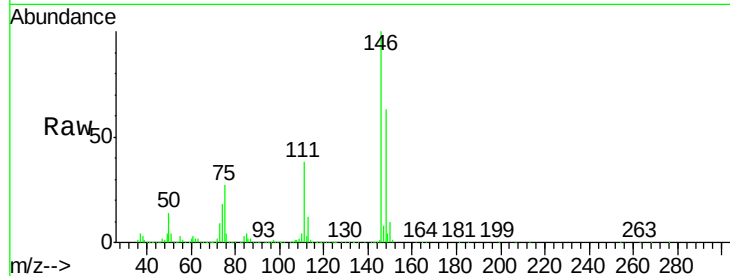
#87
 1,3-Dichlorobenzene
 Concen: 19.363 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	63.0	31.8	95.3

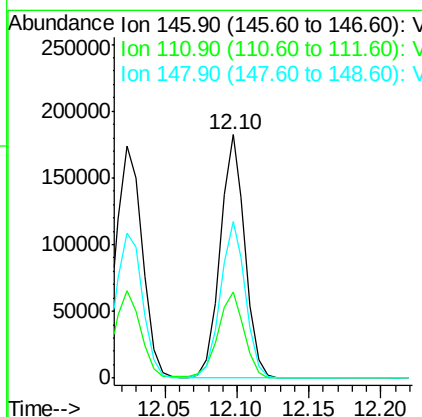
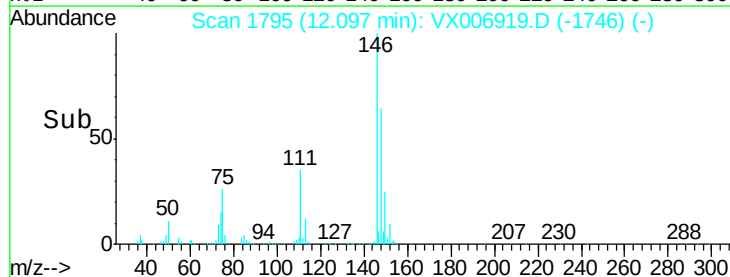
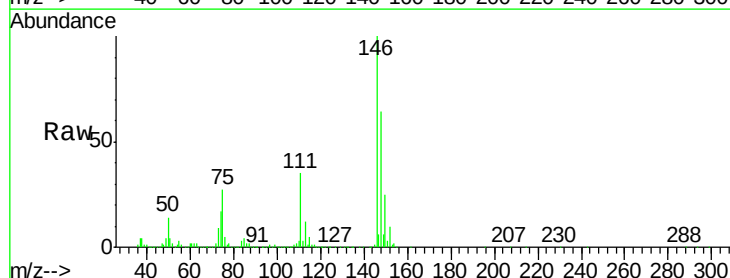
Manual Integrations
 APPROVED

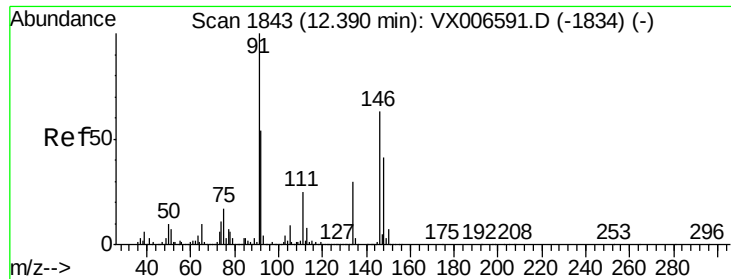
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#88
 1,4-Dichlorobenzene
 Concen: 18.742 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	65.2	31.9	95.9





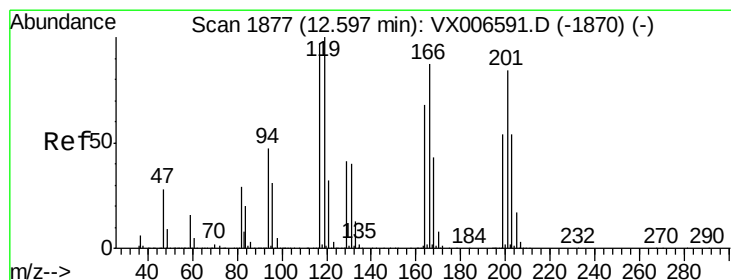
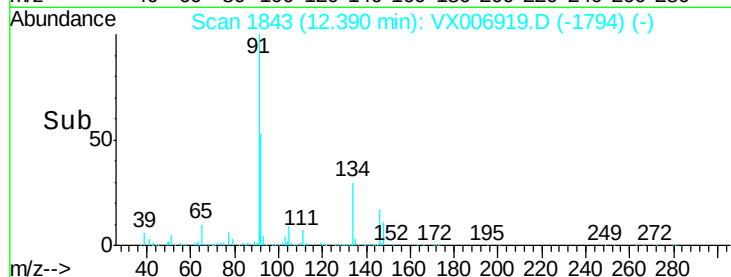
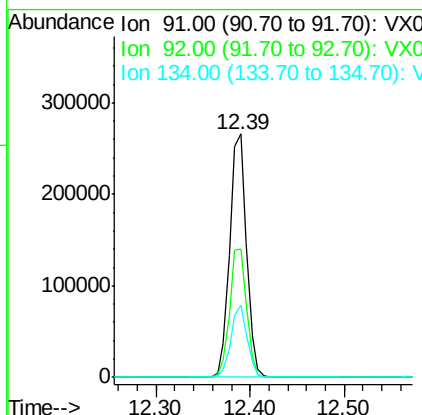
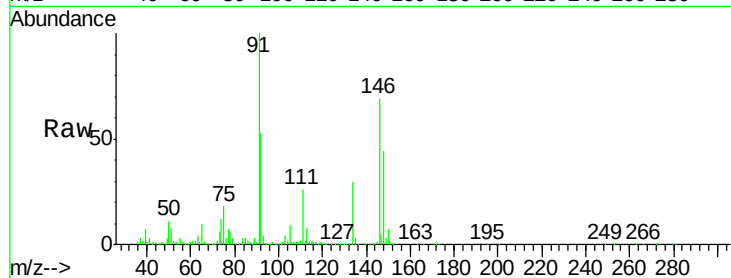
#89
n-Butylbenzene
Concen: 18.592 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampled :
VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.4
134	28.6	14.4	43.2

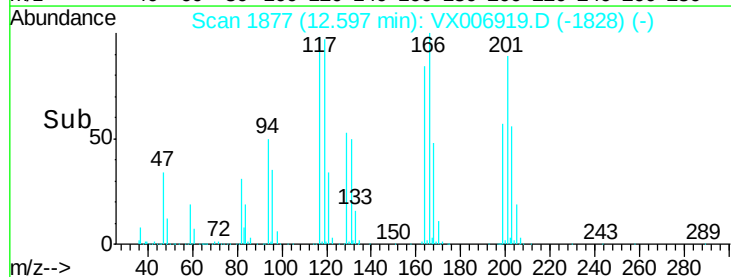
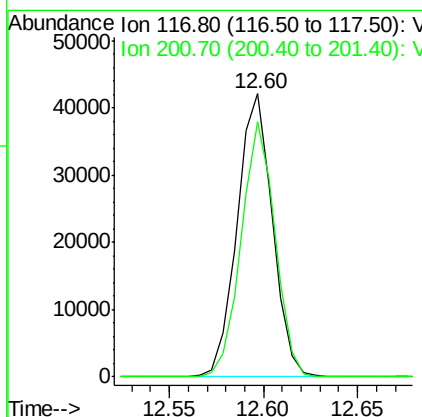
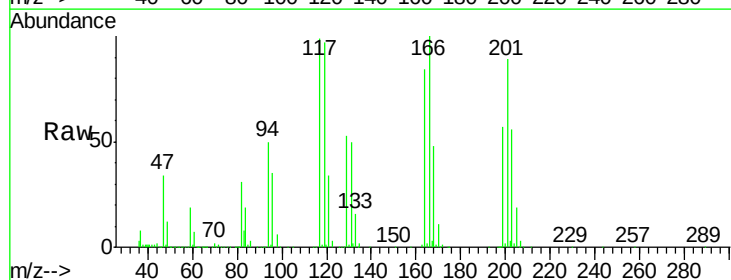
Manual Integrations
APPROVED

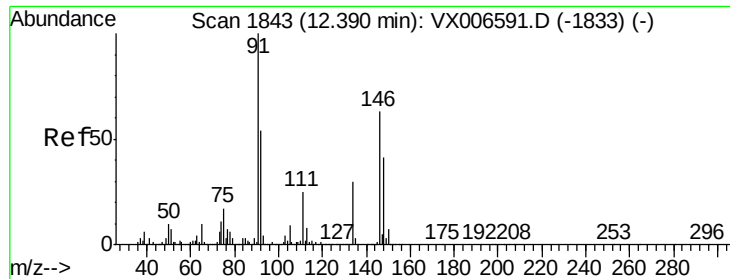
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#90
Hexachloroethane
Concen: 18.976 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	42.9	128.7





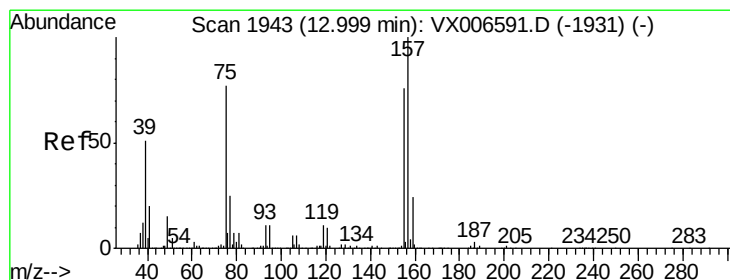
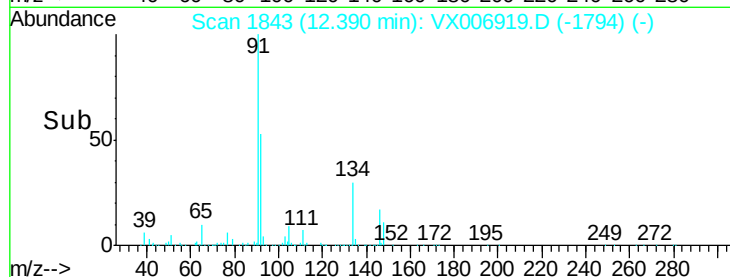
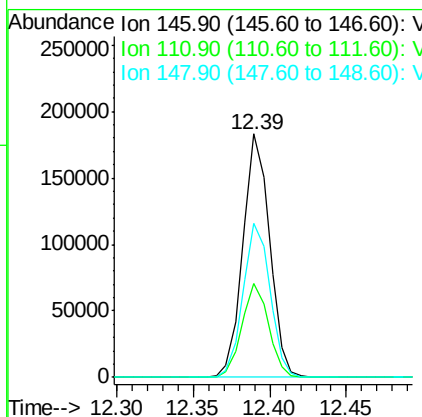
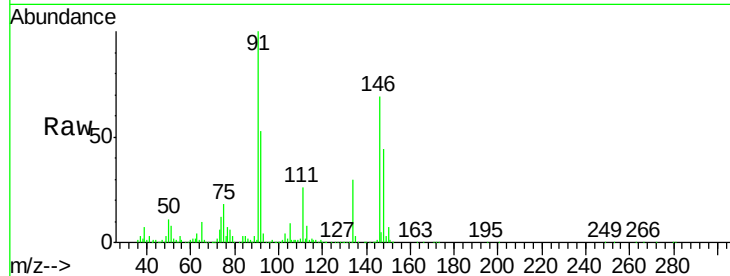
#91
 1,2-Dichlorobenzene
 Concen: 19.546 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	64.2	32.3	96.9

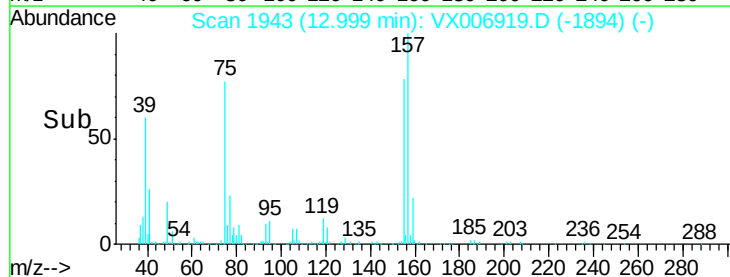
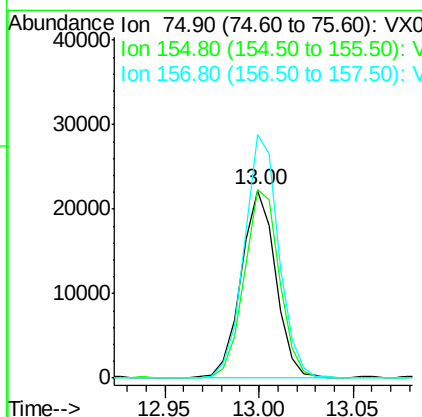
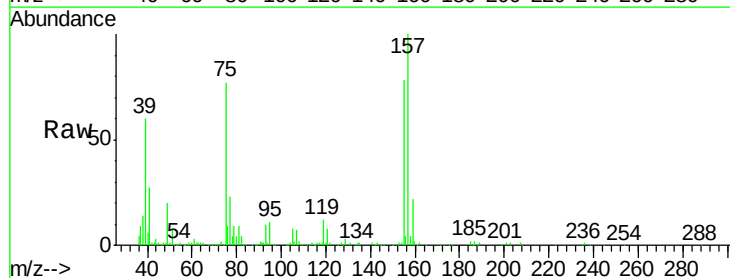
Manual Integrations
 APPROVED

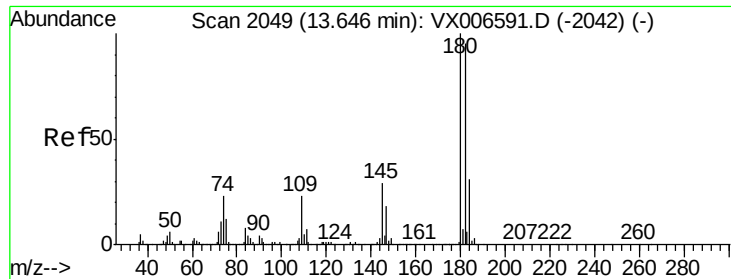
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.675 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006919.D
 Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.5	50.6	151.8
157	129.3	64.6	193.8





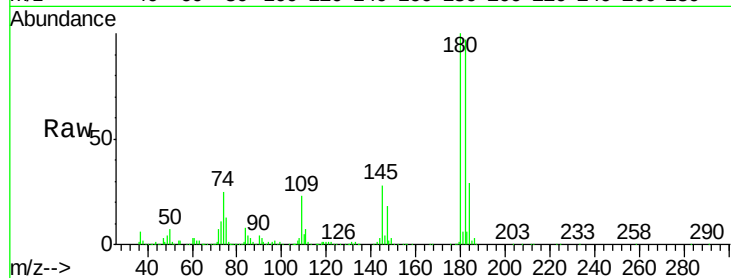
#93
1,2,4-Trichlorobenzene
Concen: 18.878 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBSD01

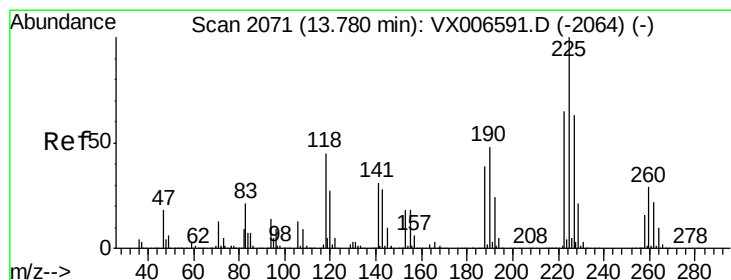
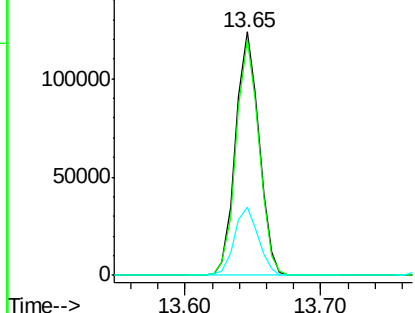
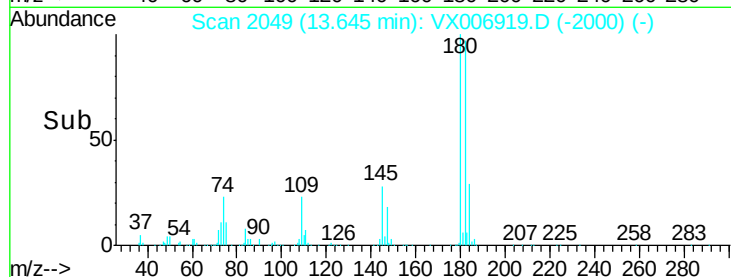
Tot Ion	Ratio	Resp	Lower	Upper
180	100	148680		
182	94.9	47.3	142.0	
145	28.6	14.8	44.3	

Manual Integrations
APPROVED

MMDadoda
1/7/2019 12:28:54 PM

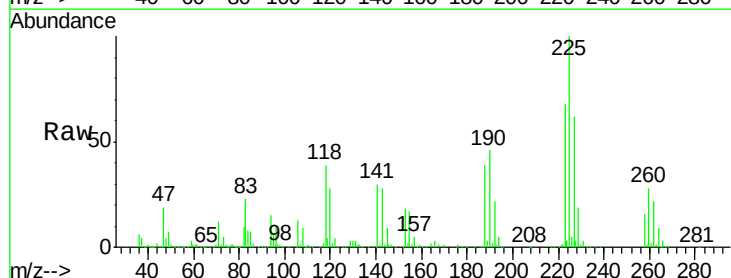


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

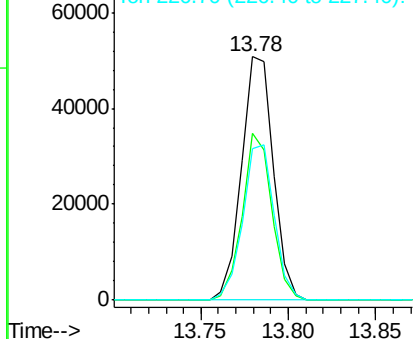
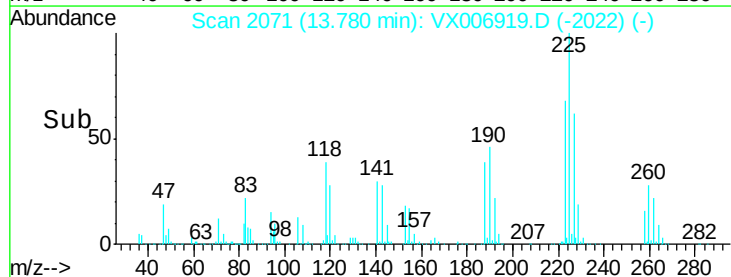


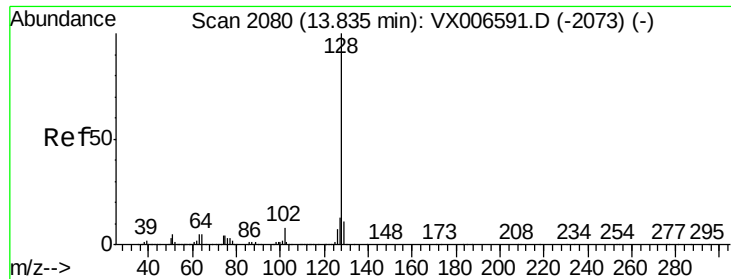
#94
Hexachlorobutadiene
Concen: 17.283 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006919.D
Acq: 04 Jan 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64156		
223	63.7	32.1	96.3	
227	63.3	32.3	96.8	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.807 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Instrument :

MSVOA_X

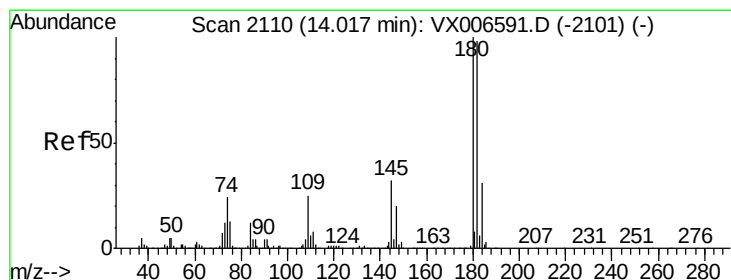
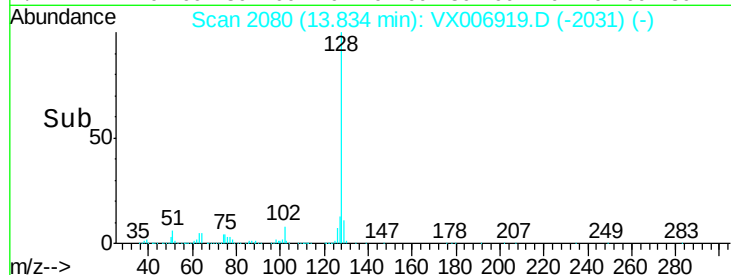
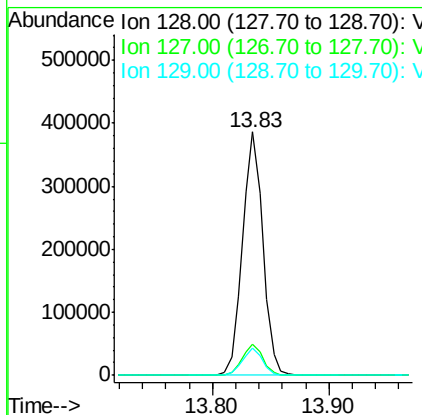
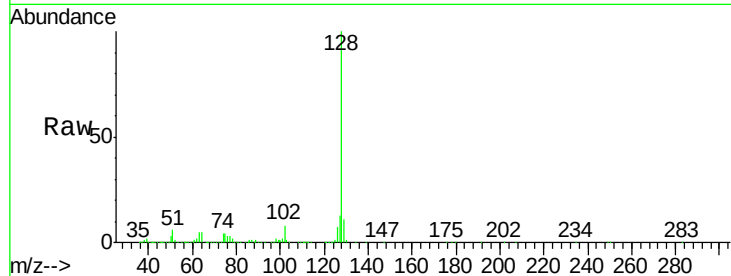
ClientSampled :

VX0104WBSD01

Tot Ion:	128	Resp:	472735
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/7/2019 12:28:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.621 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006919.D

Acq: 04 Jan 2019 17:51

Tgt Ion:	180	Resp:	151419
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.5	145.5
145	29.8	16.0	47.9

