

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006876.D
 Acq On : 02 Jan 2019 12:45
 Operator : JC/MD
 Sample : VX0102WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:12 AM

Quant Time: Jan 03 00:37:56 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	557458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	738518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	285636	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.51	113	257659	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	948440	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.13	95	342615	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81813	16.043	ug/l	97
3) Chloromethane	1.33	50	90709	16.510	ug/l	99
4) Vinyl Chloride	1.41	62	100082	17.441	ug/l	98
5) Bromomethane	1.64	94	97416	16.924	ug/l	95
6) Chloroethane	1.72	64	68471	17.233	ug/l	97
7) Trichlorofluoromethane	1.93	101	164479	18.385	ug/l	97
8) Diethyl Ether	2.19	74	66963	18.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98370	18.727	ug/l	99
10) Methyl Iodide	2.51	142	140114	18.634	ug/l	100
11) Tert butyl alcohol	3.07	59	140484	104.774	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89390	17.947	ug/l	98
13) Acrolein	2.29	56	79627	88.031	ug/l	99
14) Allyl chloride	2.73	41	159367	19.009	ug/l	98
15) Acrylonitrile	3.15	53	301287	101.203	ug/l	99
16) Acetone	2.45	43	266611	96.588	ug/l	97
17) Carbon Disulfide	2.57	76	188772	14.322	ug/l	99
18) Methyl Acetate	2.78	43	179255	22.085	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	345321	20.889	ug/l	99
20) Methylene Chloride	2.86	84	108552	19.018	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	96154	17.423	ug/l	99
22) Diisopropyl ether	3.87	45	315719	20.585	ug/l	97
23) Vinyl Acetate	3.82	43	1235981	98.519	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173112	18.907	ug/l	100
25) 2-Butanone	4.70	43	377683	97.274	ug/l	97
26) 2,2-Dichloropropane	4.59	77	131543	18.599	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	112705	18.510	ug/l	97
28) Bromochloromethane	5.02	49	79879	19.568	ug/l	99
29) Tetrahydrofuran	5.15	42	249693	97.641	ug/l	98
30) Chloroform	5.21	83	180437	19.031	ug/l	100
31) Cyclohexane	5.57	56	139712	16.797	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	151540	18.929	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125429	18.442	ug/l	99
37) Ethyl Acetate	4.85	43	145490	20.552	ug/l	98
38) Carbon Tetrachloride	5.79	117	126366	19.118	ug/l	96

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Manual Integrations
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MMDadoda
 1/3/2019 9:43:12 AM

Quant Time: Jan 03 00:37:56 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	147176	16.436	ug/l	97
40) Benzene	6.15	78	396939	19.200	ug/l	98
41) Methacrylonitrile	5.06	41	80806	21.500	ug/l	99
42) 1,2-Dichloroethane	6.20	62	137715	19.548	ug/l	100
43) Isopropyl Acetate	6.46	43	231238	21.468	ug/l	99
44) Trichloroethene	7.21	130	115721	18.493	ug/l	96
45) 1,2-Dichloropropane	7.51	63	102891	20.451	ug/l	97
46) Dibromomethane	7.66	93	70273	18.990	ug/l	95
47) Bromodichloromethane	7.90	83	120939	19.685	ug/l	96
48) Methyl methacrylate	7.77	41	116861	21.335	ug/l	97
49) 1,4-Dioxane	7.75	88	56563	382.402	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	748904	109.276	ug/l	98
52) Toluene	8.78	92	255917	19.161	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	133099	20.200	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147243	20.366	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	107510	19.665	ug/l	97
56) Ethyl methacrylate	9.18	69	160079	20.717	ug/l	96
57) 1,3-Dichloropropane	9.37	76	175368	19.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	414227	100.850	ug/l	100
59) 2-Hexanone	9.49	43	561044	106.996	ug/l	99
60) Dibromochloromethane	9.59	129	104201	19.701	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116422	20.033	ug/l	98
64) Tetrachloroethene	9.34	164	118623	20.285	ug/l	94
65) Chlorobenzene	10.14	112	300781	19.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104941	21.528	ug/l	99
67) Ethyl Benzene	10.25	91	489334	19.167	ug/l	99
68) m/p-Xylenes	10.36	106	381065	37.825	ug/l	98
69) o-Xylene	10.69	106	195289	19.631	ug/l	100
70) Styrene	10.71	104	307913	19.564	ug/l	100
71) Bromoform	10.86	173	75715	20.144	ug/l	99
73) Isopropylbenzene	11.02	105	502745	19.518	ug/l	99
74) N-amyl acetate	10.90	43	209130	22.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	161657	21.102	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153156m	21.888	ug/l	
77) Bromobenzene	11.26	156	139701	20.061	ug/l	98
78) n-propylbenzene	11.36	91	555577	19.587	ug/l	100
79) 2-Chlorotoluene	11.42	91	329878	19.191	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411433	19.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38695	19.637	ug/l	92
82) 4-Chlorotoluene	11.51	91	383585	19.454	ug/l	100
83) tert-Butylbenzene	11.77	119	406576	19.147	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	427616	19.162	ug/l	99
85) sec-Butylbenzene	11.94	105	490859	18.854	ug/l	99
86) p-Isopropyltoluene	12.06	119	440407	19.244	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	242655	19.334	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	242907	18.879	ug/l	97
89) n-Butylbenzene	12.39	91	362135	18.593	ug/l	99
90) Hexachloroethane	12.60	117	60957	19.192	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	244933	19.509	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31852	20.095	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:12 AM

Quant Time: Jan 03 00:37:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166004	19.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	70277	17.216	ug/l	100
95) Naphthalene	13.83	128	498899	18.049	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162932	18.221	ug/l	99

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

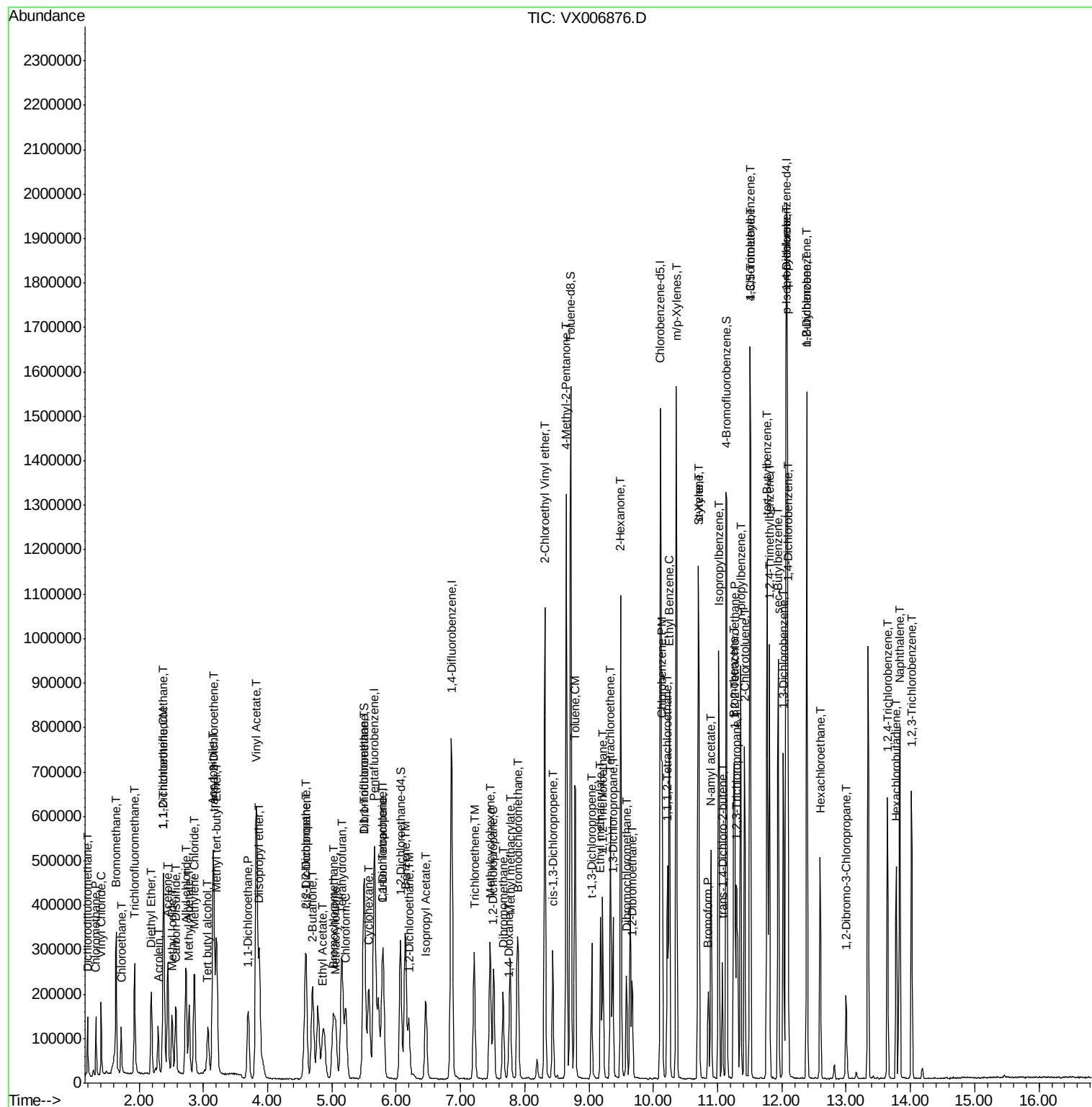
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 Data File : VX006876.D
 Acq On : 02 Jan 2019 12:45
 Operator : JC/MD
 Sample : VX0102WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

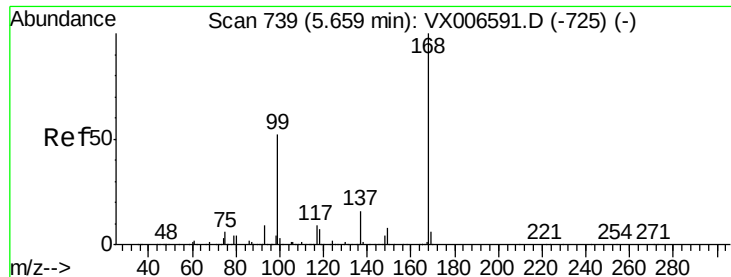
Instrument :
 MSVOA_X
 Client Sampled :
 VX0102WBS01

Manual Integrations
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Quant Time: Jan 03 00:37:56 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0102WBS01

Tot Ion:168 Resp: 557458

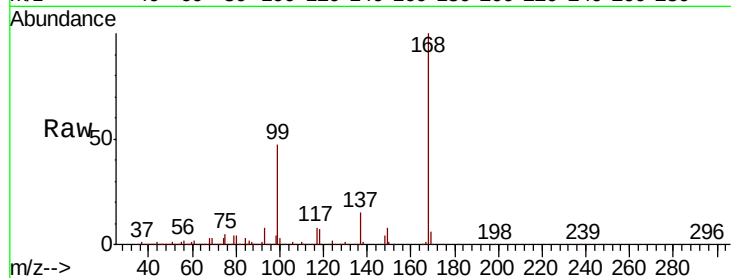
Ion Ratio Lower Upper

168 100

99 46.6 41.8 62.8

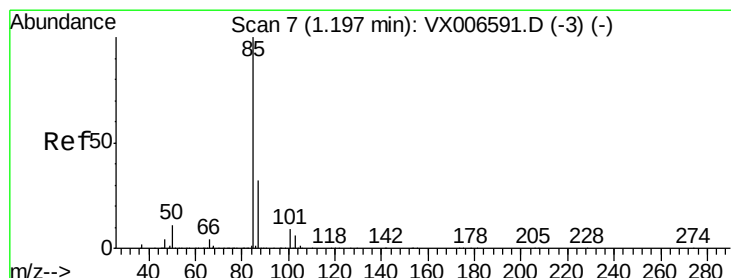
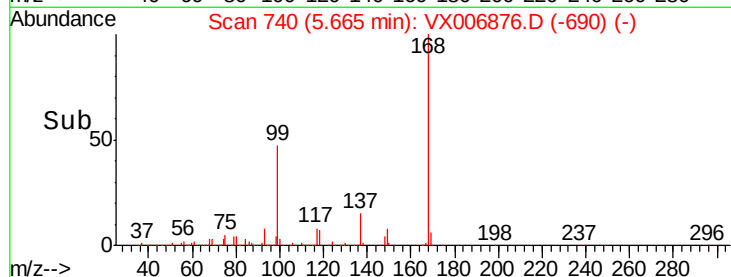
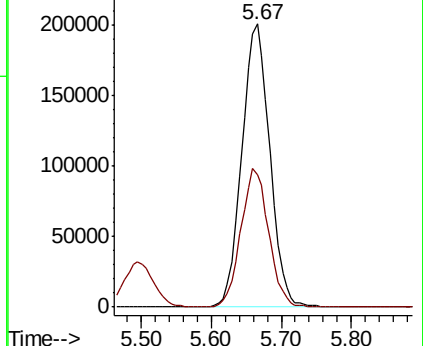
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.043 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006876.D

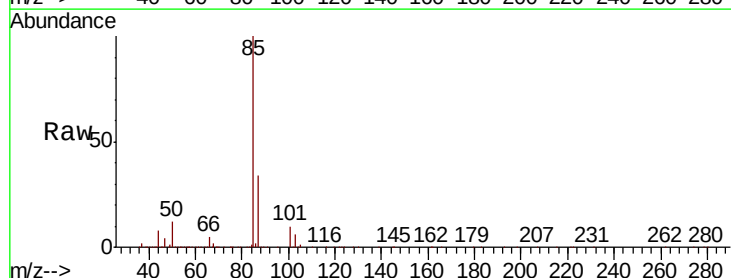
Acq: 02 Jan 2019 12:45

Tgt Ion: 85 Resp: 81813

Ion Ratio Lower Upper

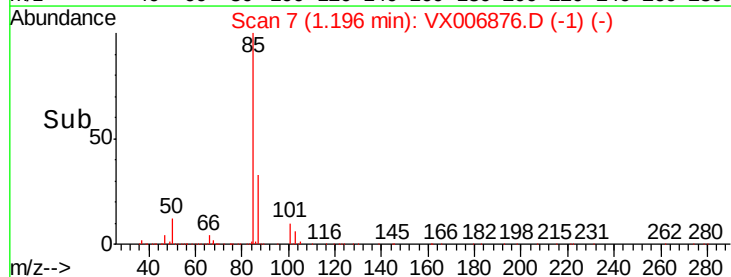
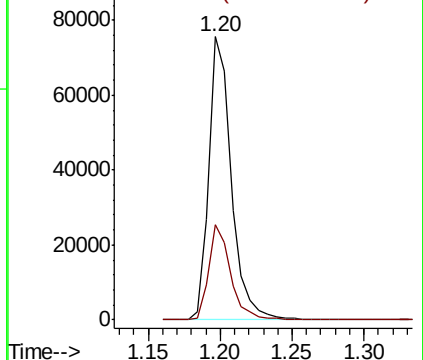
85 100

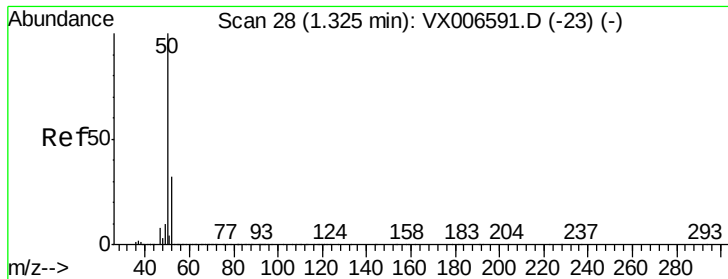
87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.510 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

Tot Ion: 50 Resp: 90709

Ion Ratio Lower Upper

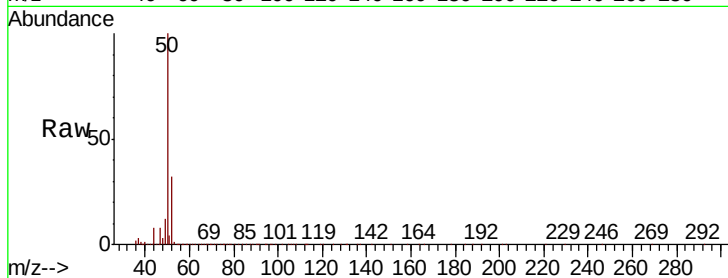
50 100

52 32.2 25.4 38.2

Manual Integrations
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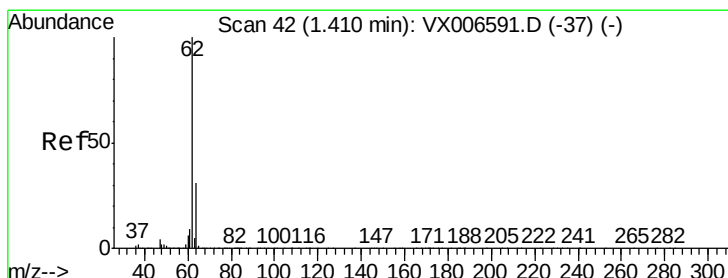
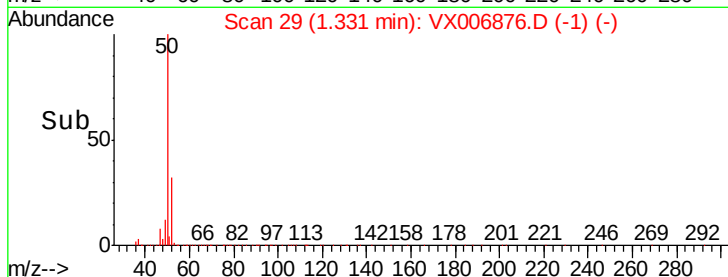
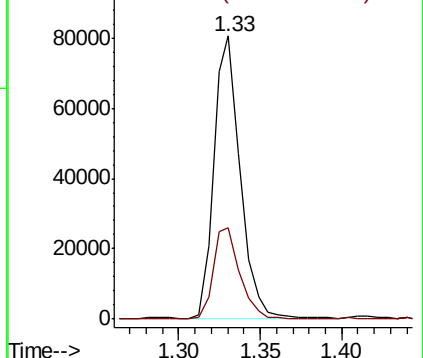
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.441 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006876.D

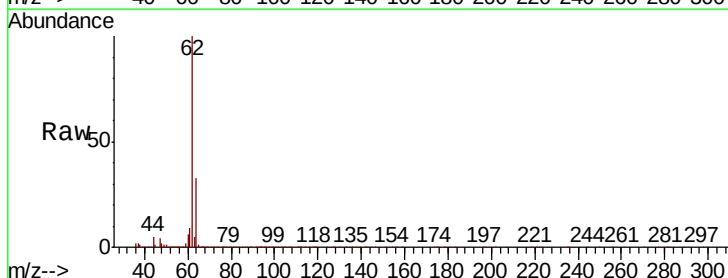
Acq: 02 Jan 2019 12:45

Tgt Ion: 62 Resp: 100082

Ion Ratio Lower Upper

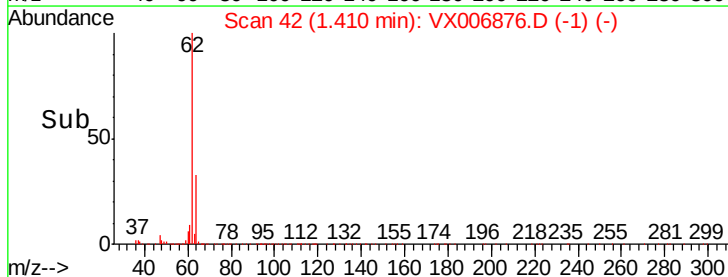
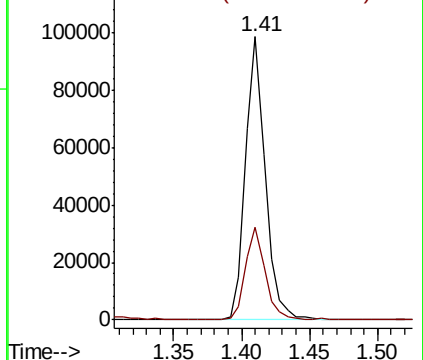
62 100

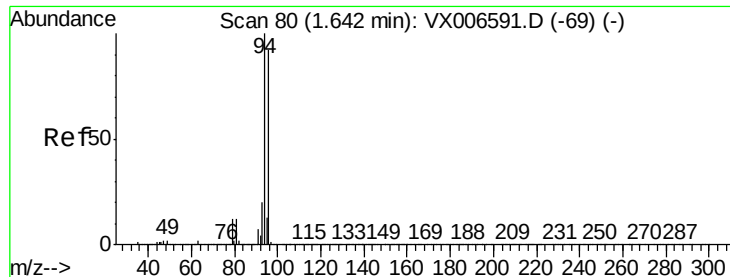
64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.924 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

Tot Ion: 94 Resp: 97416

Ion Ratio Lower Upper

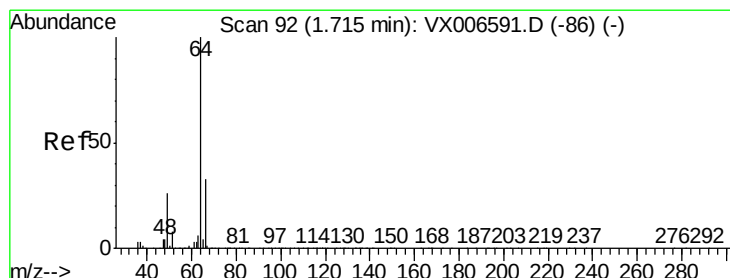
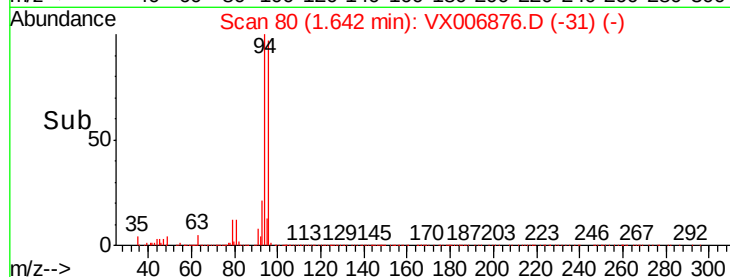
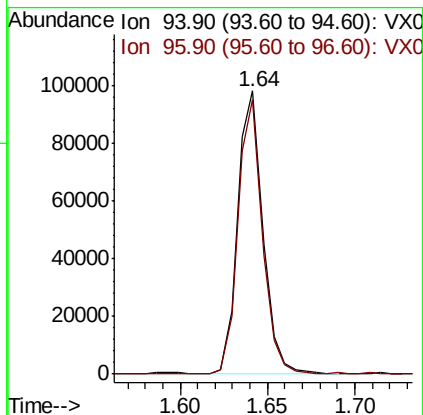
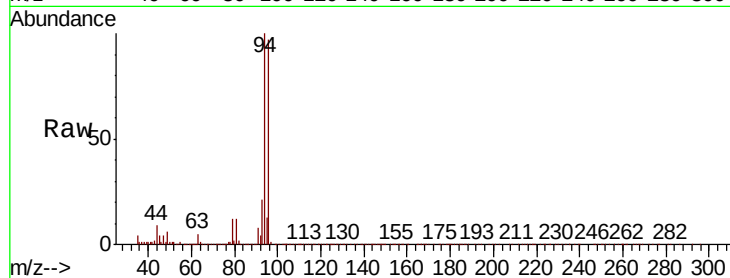
94 100

96 96.9 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 17.233 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006876.D

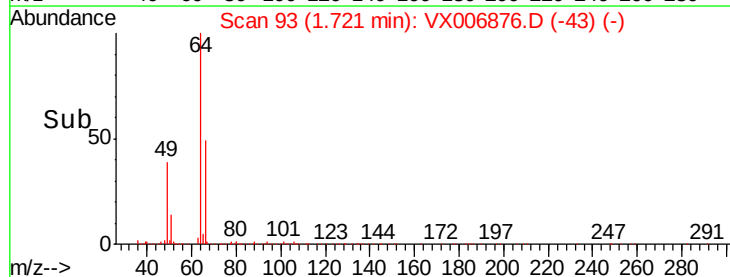
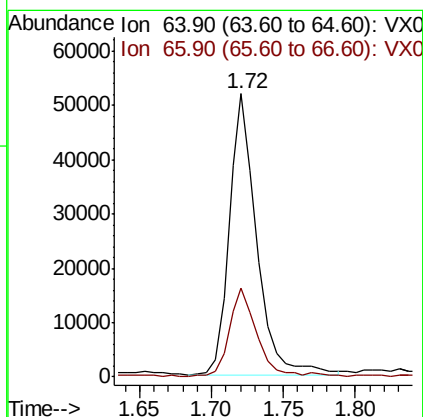
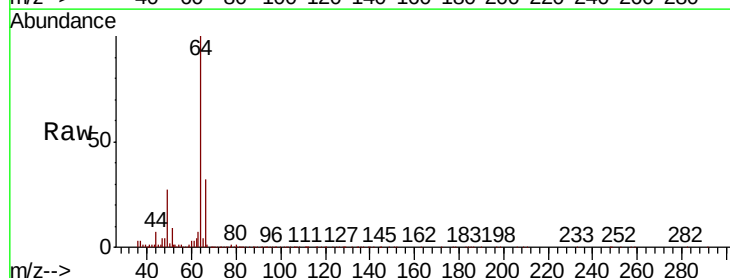
Acq: 02 Jan 2019 12:45

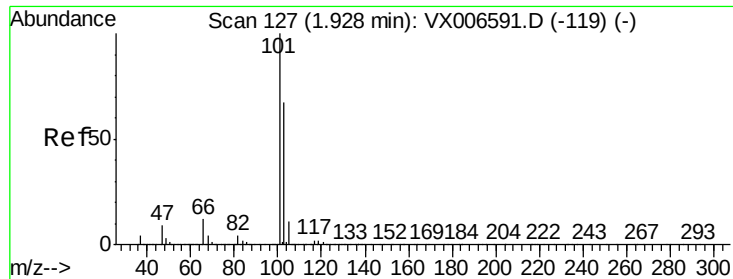
Tgt Ion: 64 Resp: 68471

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6





#7

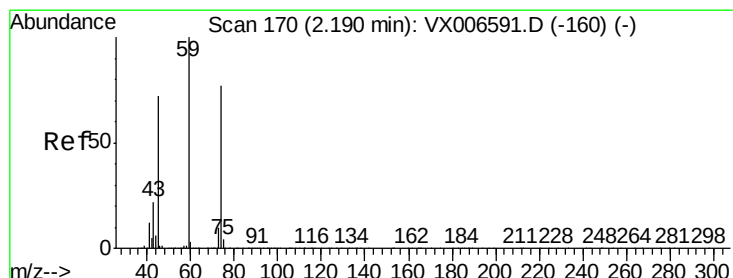
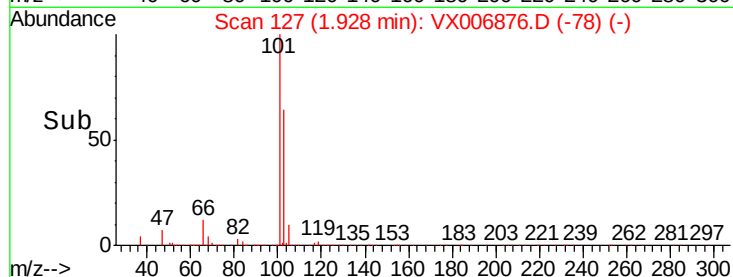
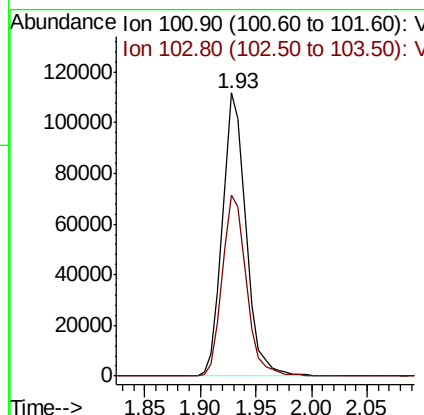
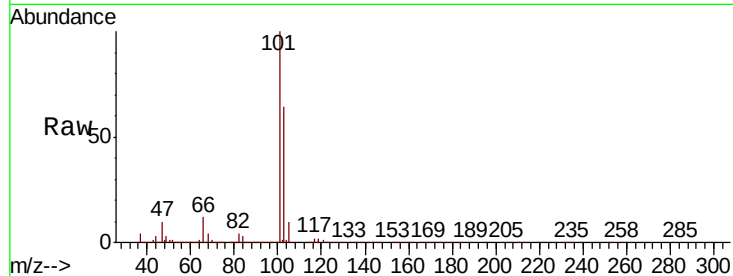
Trichlorofluoromethane
Concen: 18.385 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		164479		
103	63.9	53.2	79.8		

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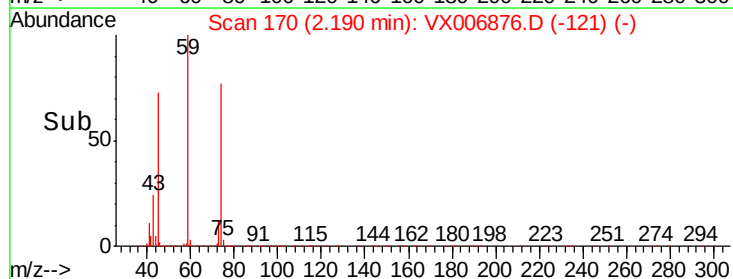
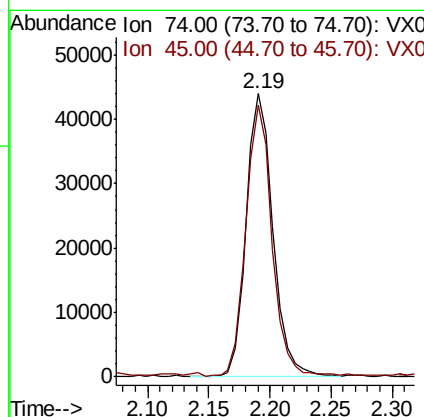
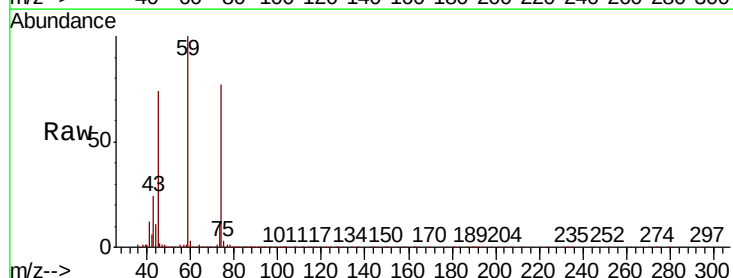
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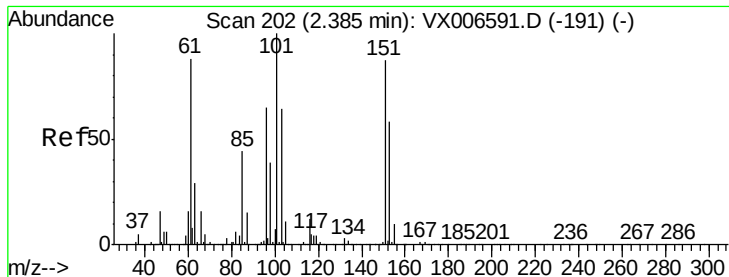


#8

Diethyl Ether
Concen: 18.845 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		66963		
45	93.5	46.3	138.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.727 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

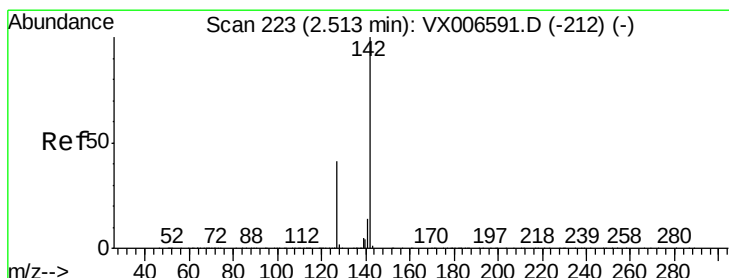
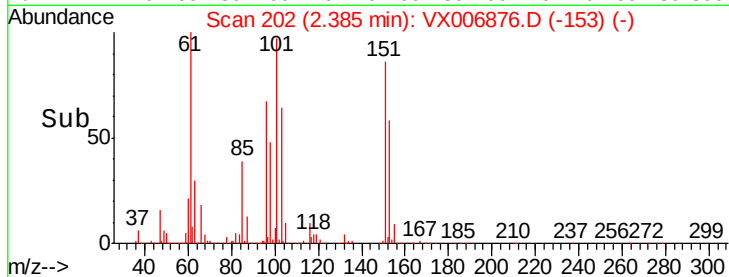
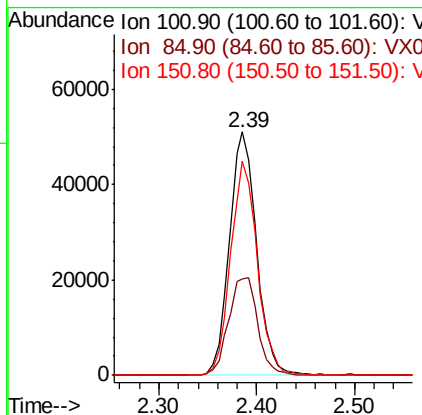
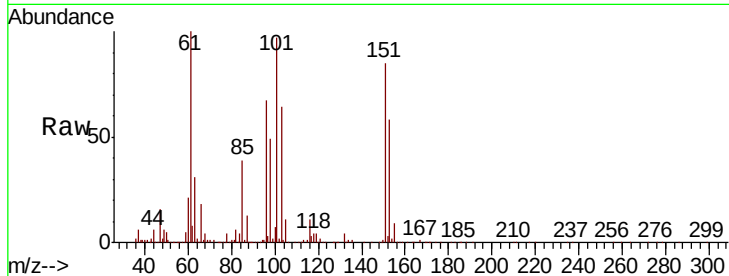
ClientSampleId :

VX0102WBS01

Tot Ion:	101	Resp:	98370
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.1	52.7
151	86.8	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.634 ug/l

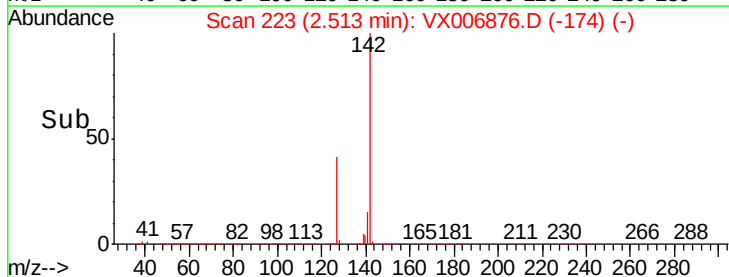
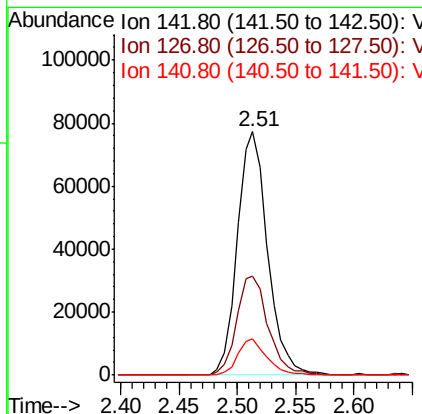
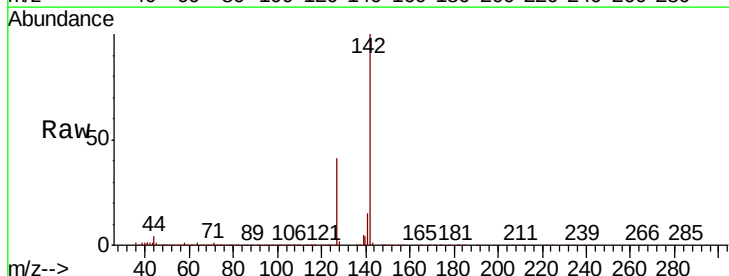
RT: 2.51 min Scan# 223

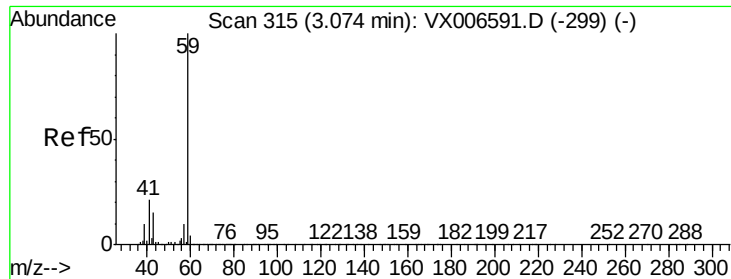
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	142	Resp:	140114
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.9	50.9
141	14.3	11.4	17.0





#11

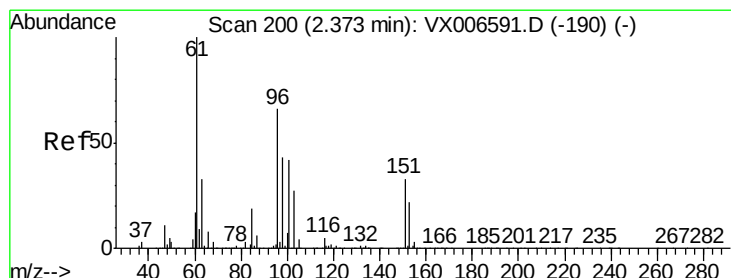
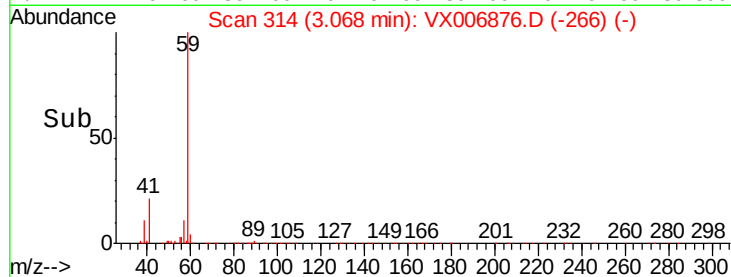
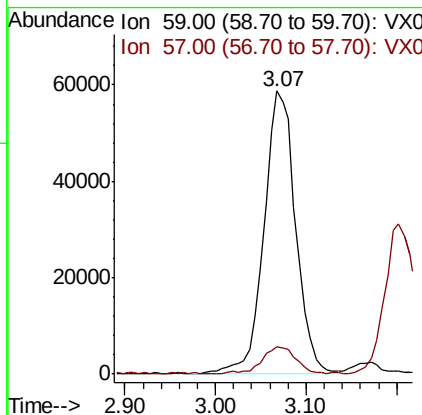
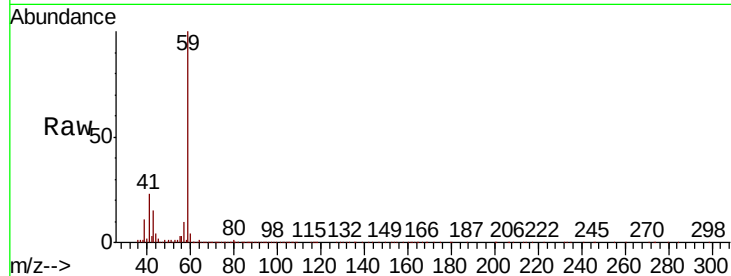
Tert butyl alcohol
Concen: 104.774 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

Manual Integrations
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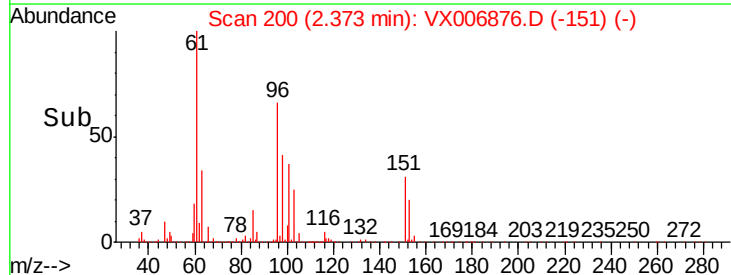
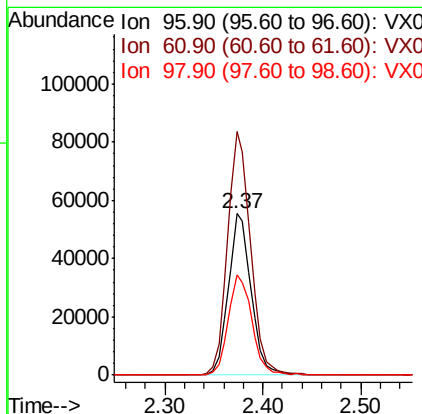
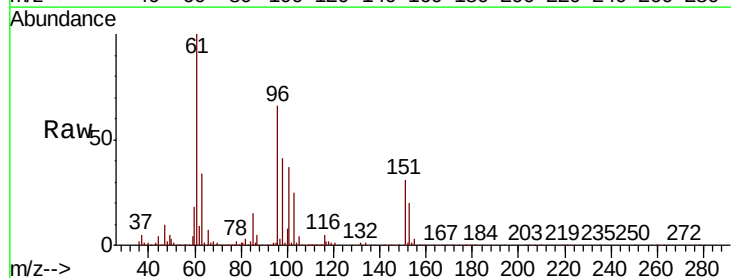
MMDadoda
1/3/2019 9:43:12 AM

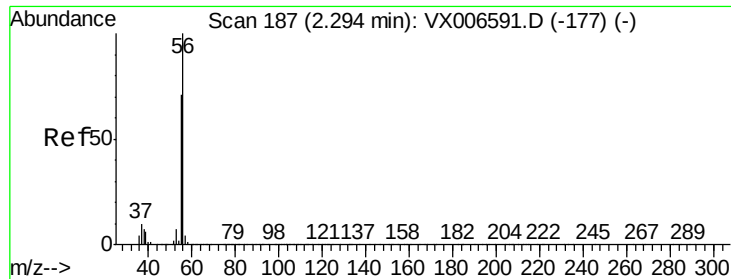


#12

1,1-Dichloroethene
Concen: 17.947 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.6	121.4	182.2
98	62.1	51.9	77.9





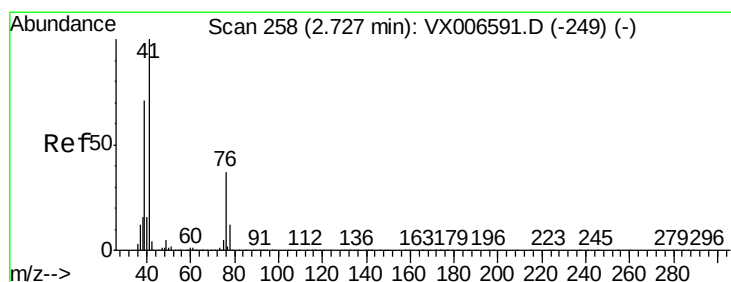
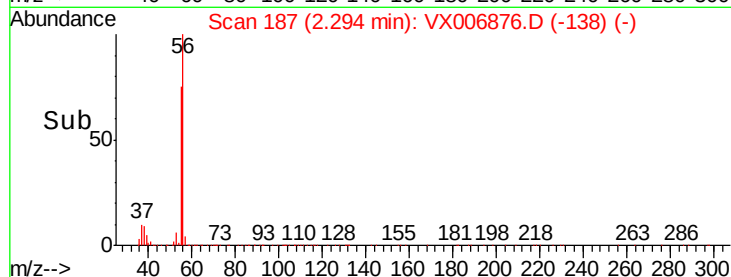
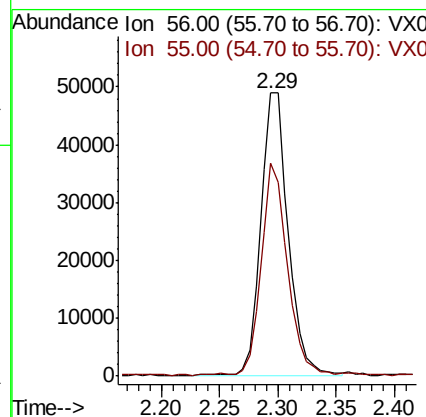
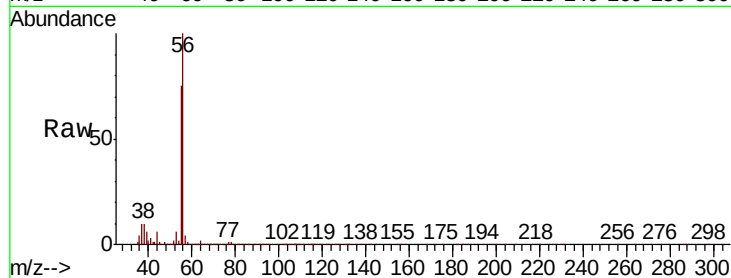
#13
Acrolein
Concen: 88.031 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	56	Resp	79627
Ion Ratio	100	Lower	Upper
55	72.4	58.2	87.4

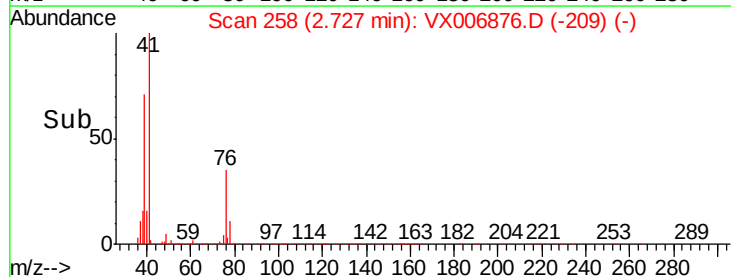
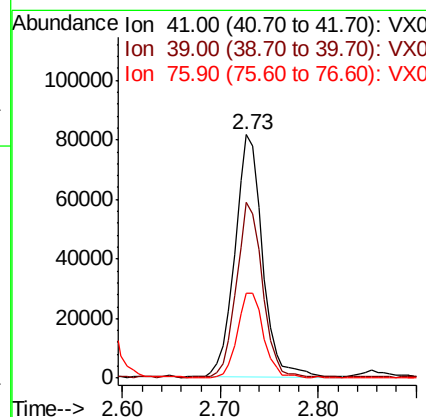
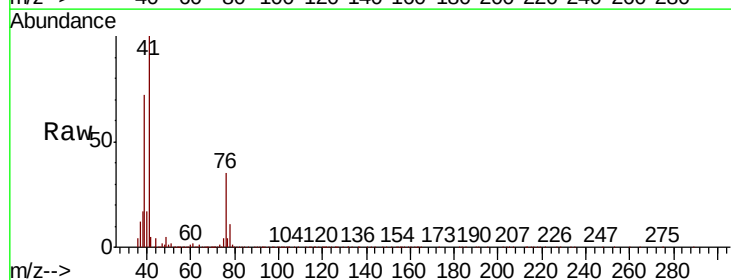
Manual Integrations
APPROVED

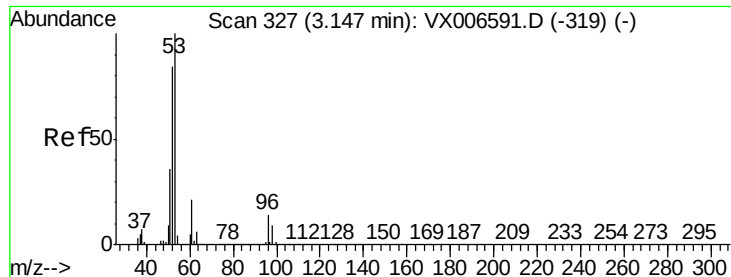
MMDadoda
1/3/2019 9:43:12 AM



#14
Allyl chloride
Concen: 19.009 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	41	Resp	159367
Ion Ratio	100	Lower	Upper
39	68.1	53.6	80.4
76	32.9	27.4	41.2





#15

Acrylonitrile

Concen: 101.203 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

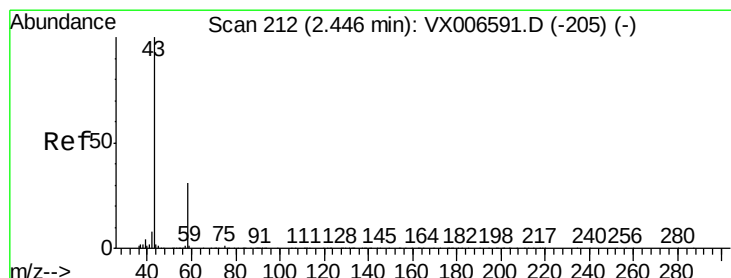
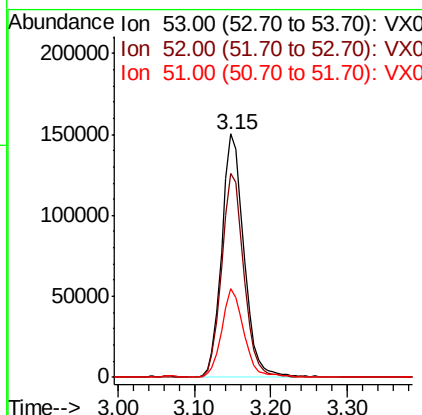
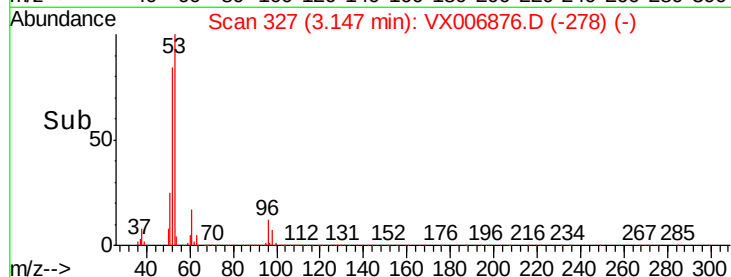
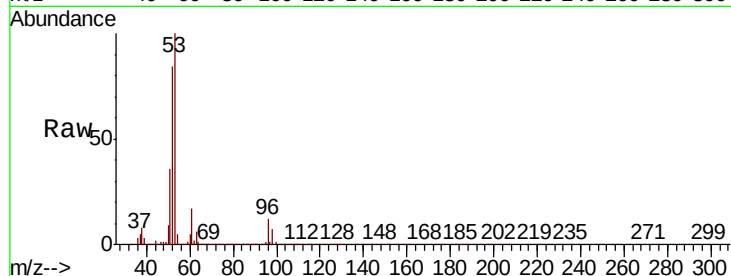
ClientSampleId :

VX0102WBS01

Tot Ion:	53	Resp:	301287
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.0	99.0
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 96.588 ug/l

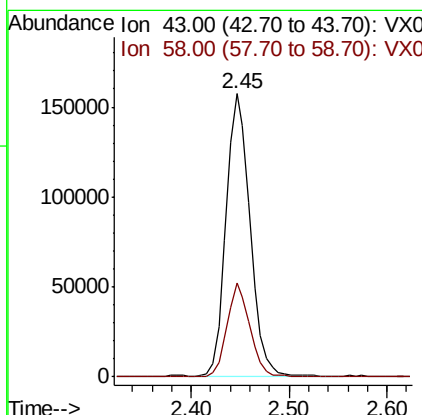
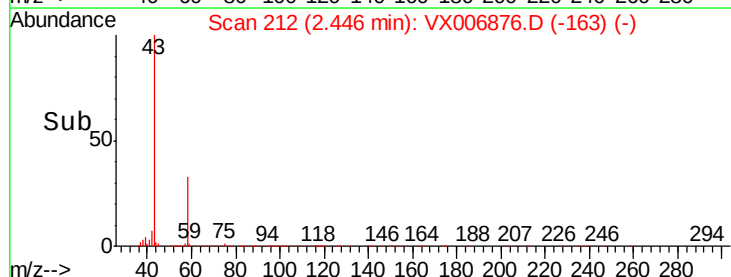
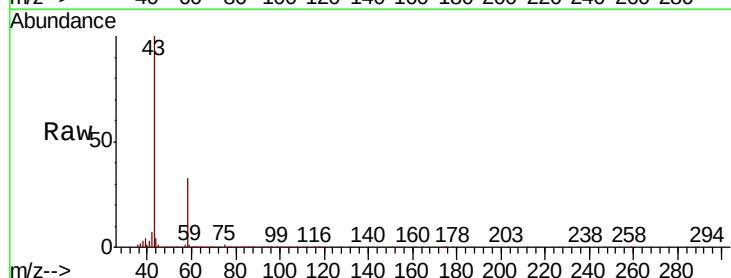
RT: 2.45 min Scan# 212

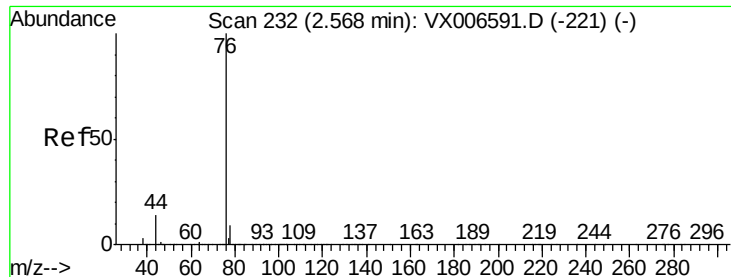
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	43	Resp:	266611
Ion Ratio		Lower	Upper
43	100		
58	33.0	25.0	37.6





#17

Carbon Disulfide

Concen: 14.322 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

Tot Ion: 76 Resp: 188772

Ion Ratio Lower Upper

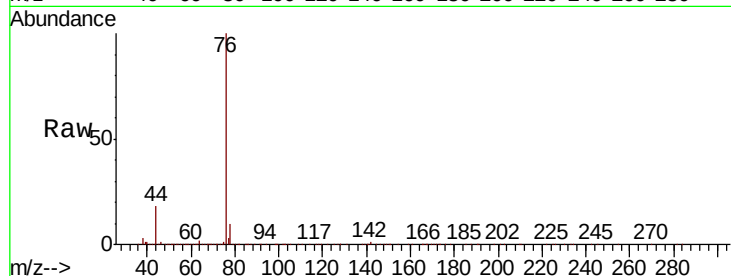
76 100

78 9.3 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

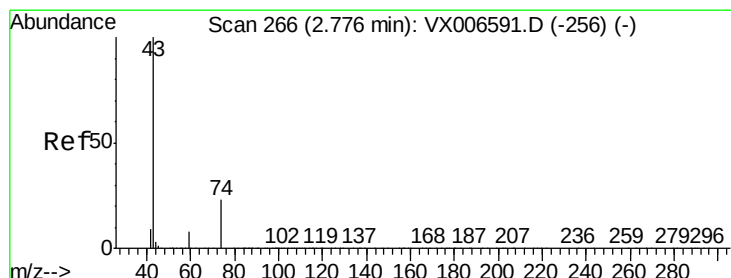
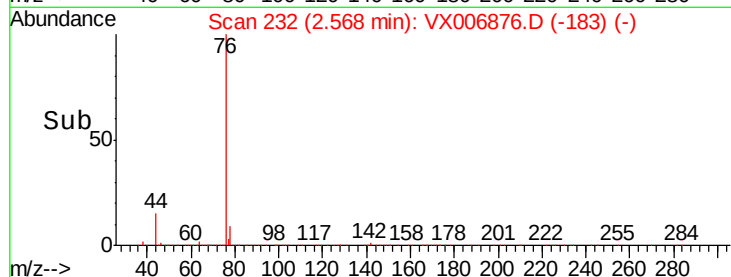
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 22.085 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006876.D

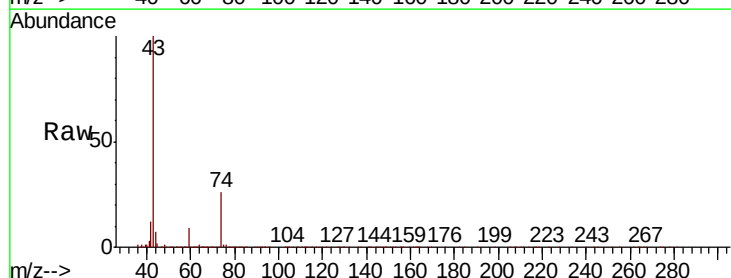
Acq: 02 Jan 2019 12:45

Tgt Ion: 43 Resp: 179255

Ion Ratio Lower Upper

43 100

74 24.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

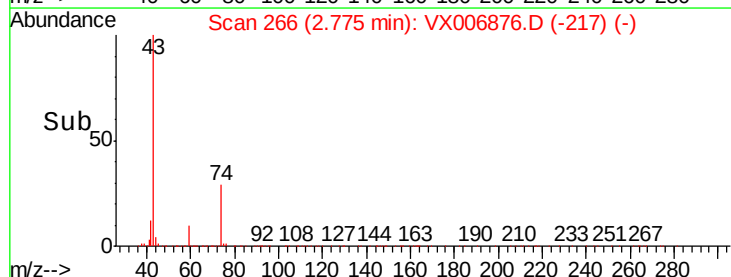
60000

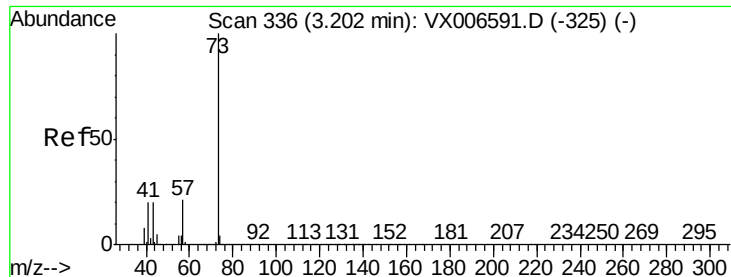
40000

20000

0

Time-->





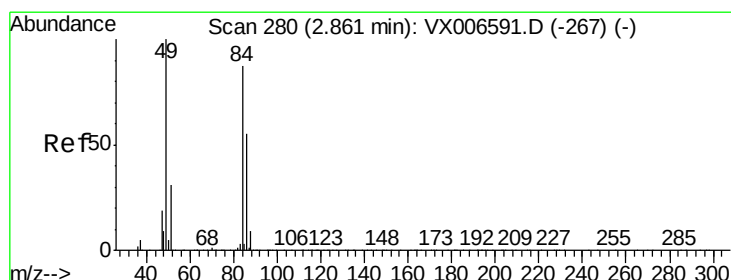
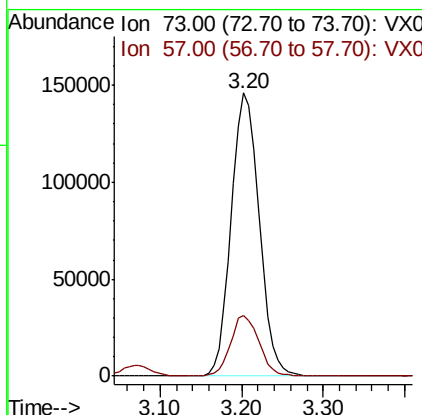
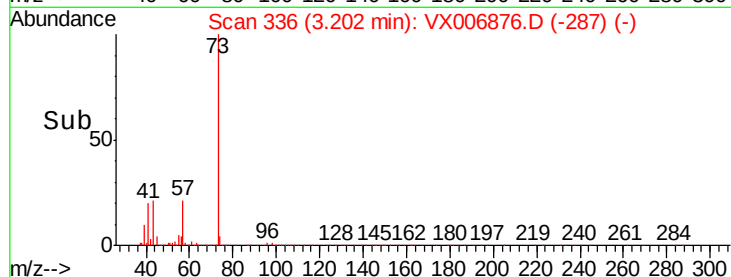
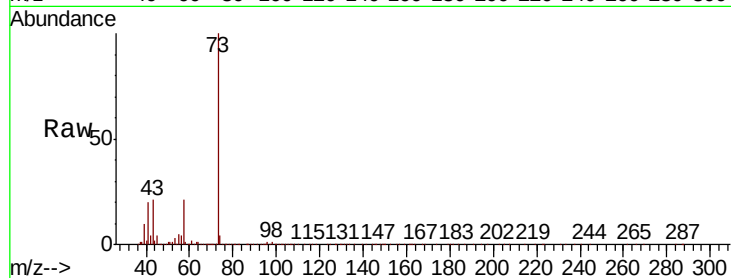
#19
Methyl tert-butyl Ether
Concen: 20.889 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.8	25.2

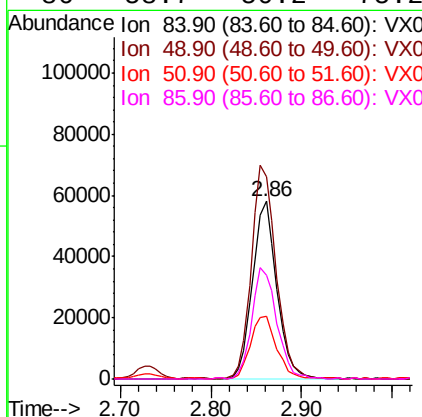
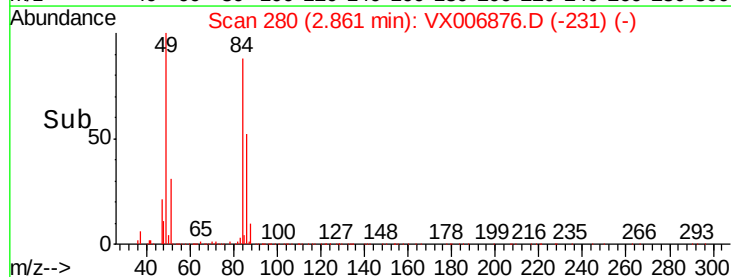
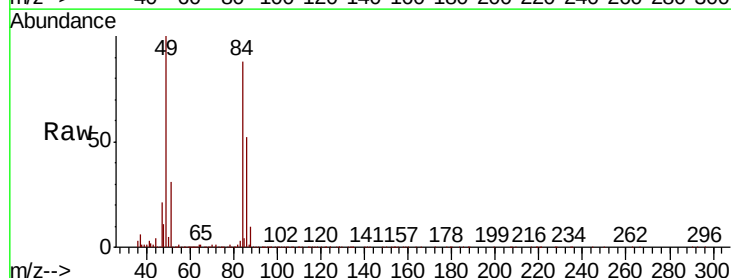
Manual Integrations
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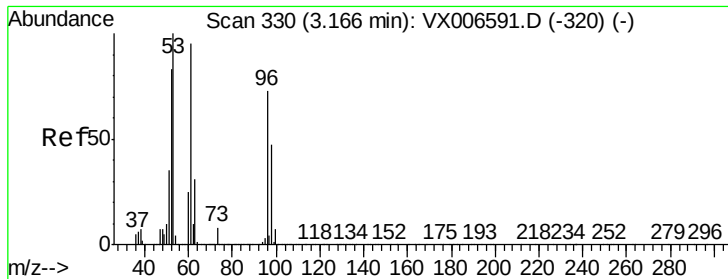
MMDadoda
1/3/2019 9:43:12 AM



#20
Methylene Chloride
Concen: 19.018 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.2	91.8	137.6
51	34.9	28.5	42.7
86	58.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.423 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

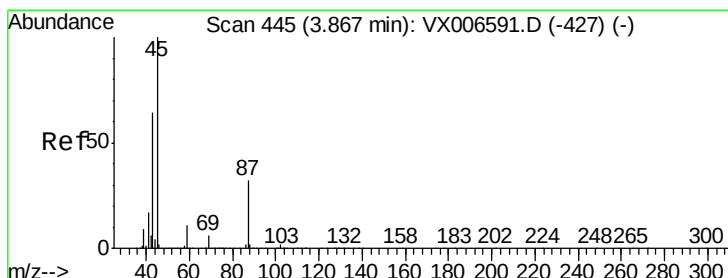
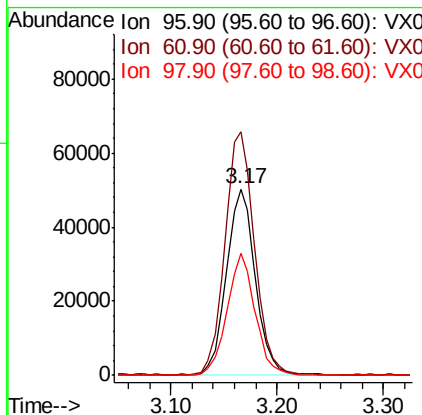
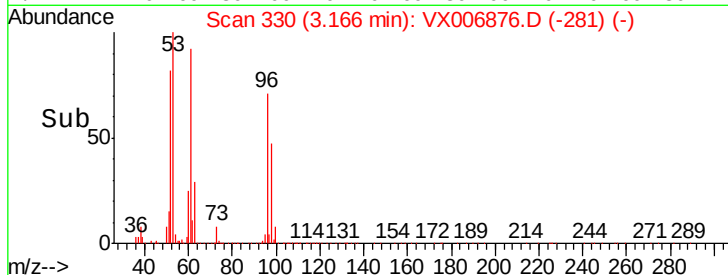
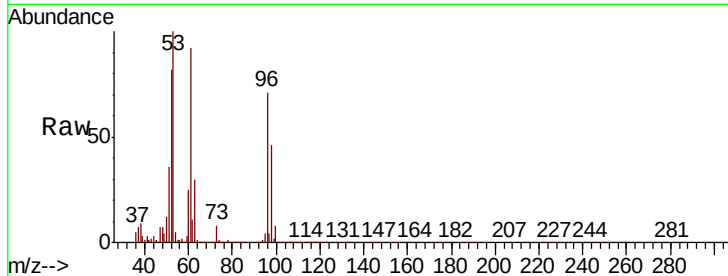
ClientSampleId :

VX0102WBS01

Tot Ion:	96	Resp:	96154
Ion	Ratio	Lower	Upper
96	100		
61	130.4	103.7	155.5
98	65.5	51.0	76.6

Manual Integrations
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1/3/2019 9:43:12 AM



#22

Diisopropyl ether

Concen: 20.585 ug/l

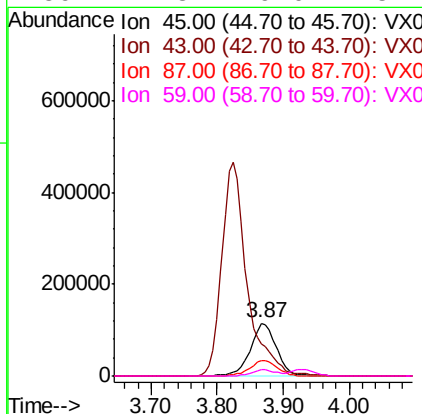
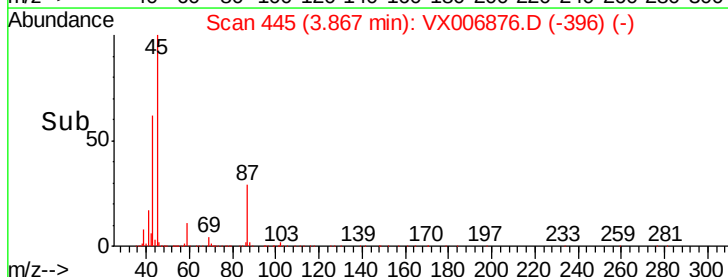
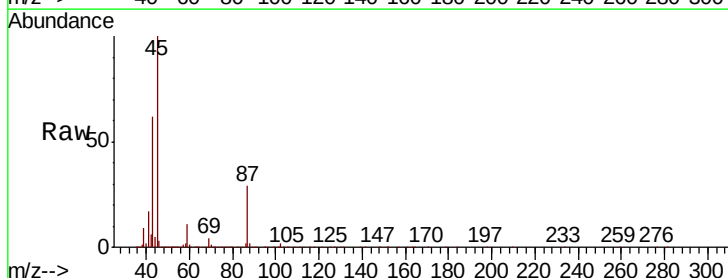
RT: 3.87 min Scan# 445

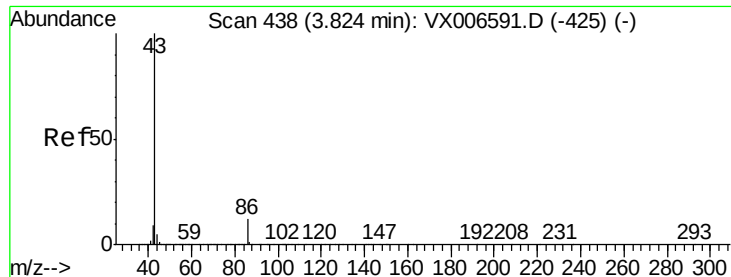
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	45	Resp:	315719
Ion	Ratio	Lower	Upper
45	100		
43	61.6	51.2	76.8
87	29.2	25.8	38.6
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 98.519 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0102WBS01

Tot Ion: 43 Resp: 1235981

Ion Ratio Lower Upper

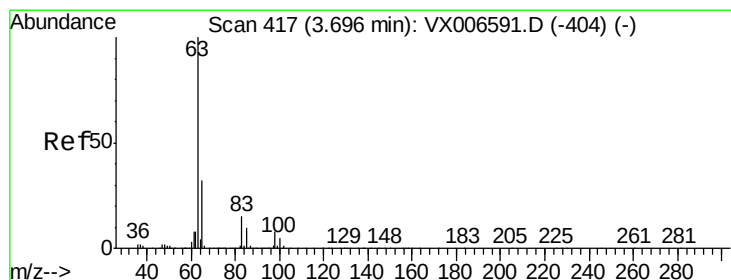
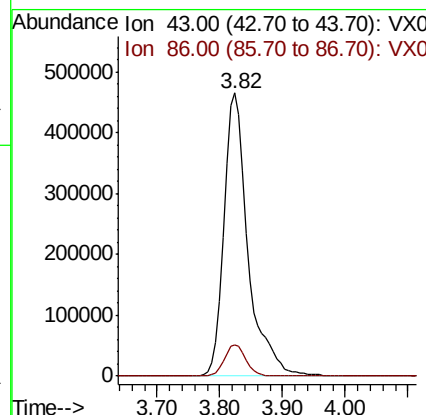
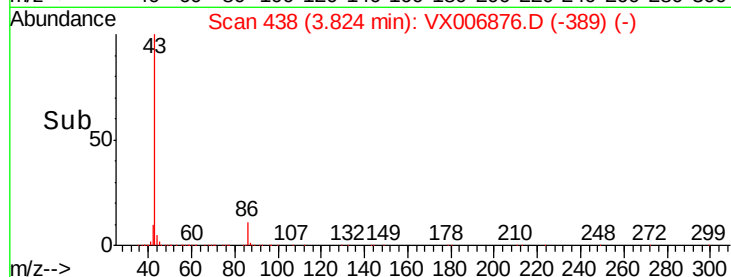
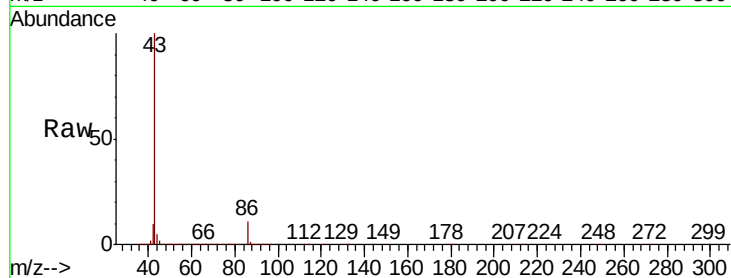
43 100

86 11.1 9.2 13.8

Manual Integrations
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MMDadoda

1/3/2019 9:43:12 AM



#24

1,1-Dichloroethane

Concen: 18.907 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

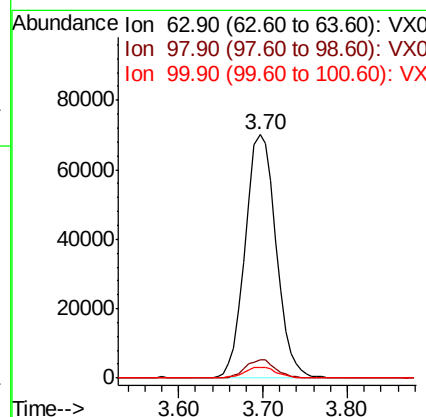
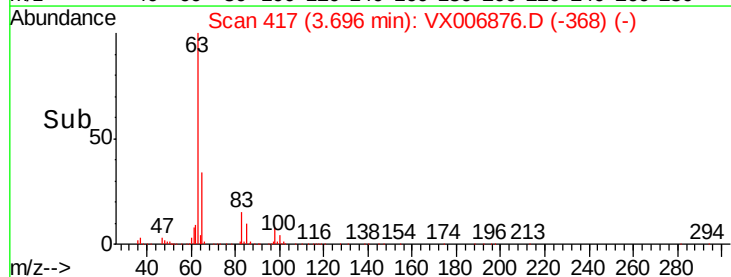
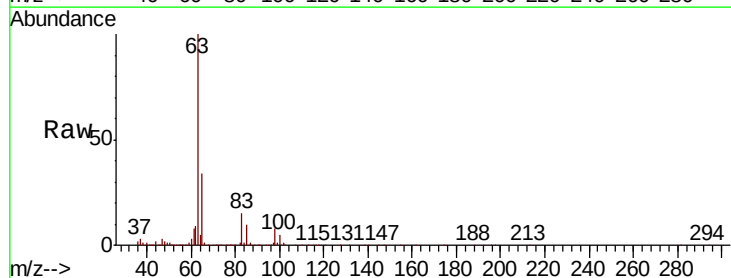
Tgt Ion: 63 Resp: 173112

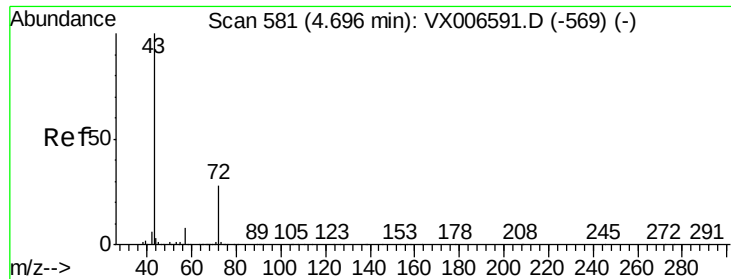
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 97.274 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

Tot Ion: 43 Resp: 377683

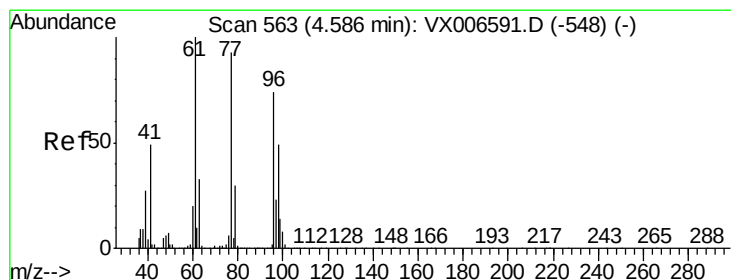
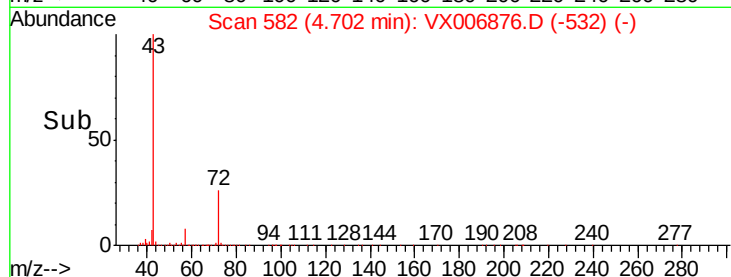
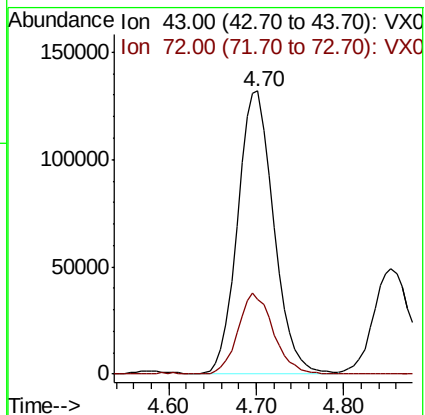
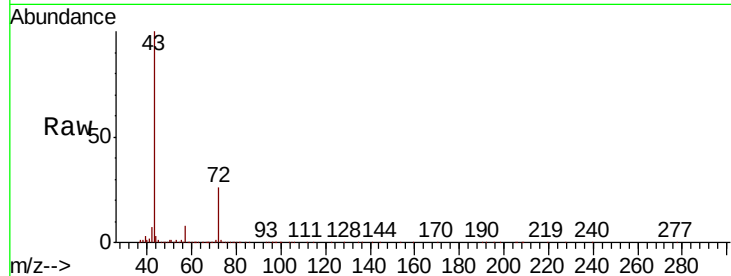
Ion Ratio Lower Upper

43 100

72 26.2 22.4 33.6

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:12 AM



#26

2,2-Dichloropropane

Concen: 18.599 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006876.D

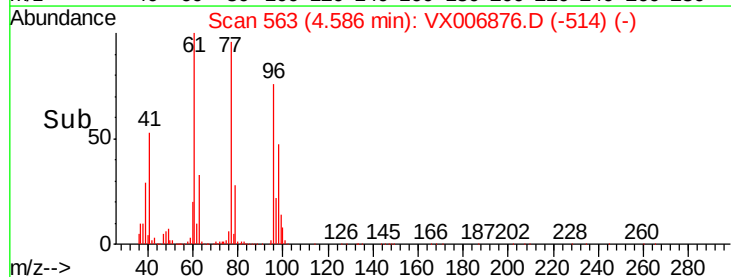
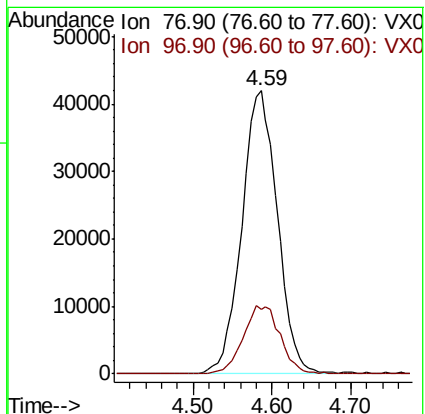
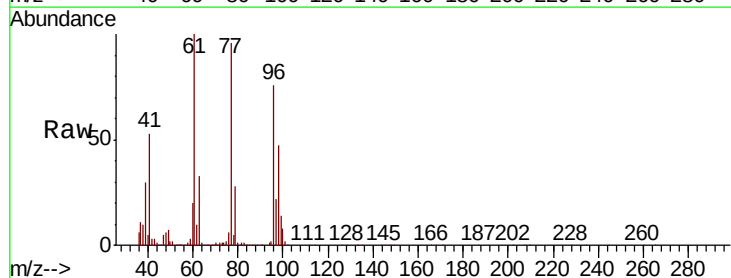
Acq: 02 Jan 2019 12:45

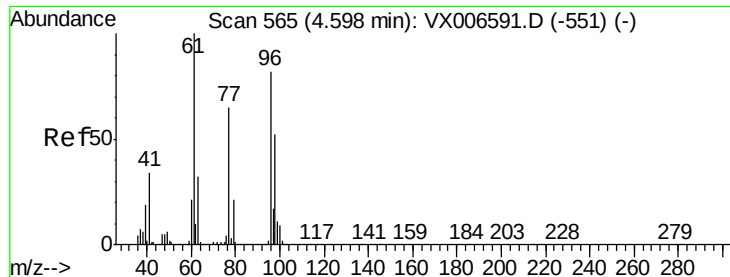
Tgt Ion: 77 Resp: 131543

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4





#27

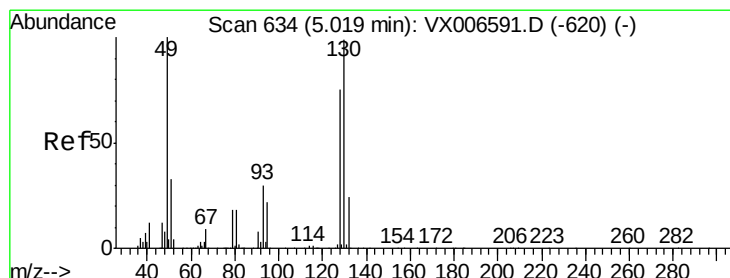
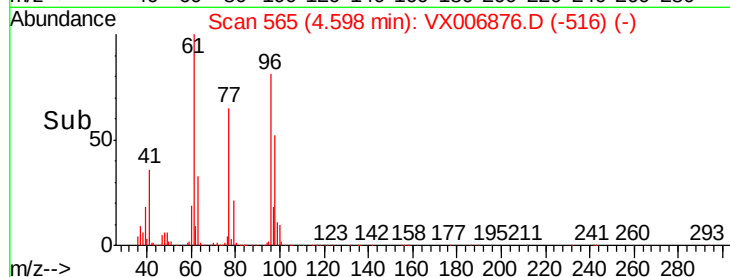
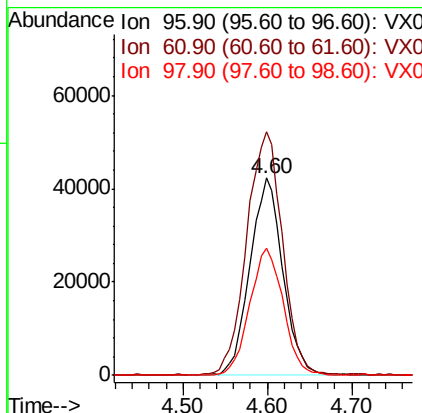
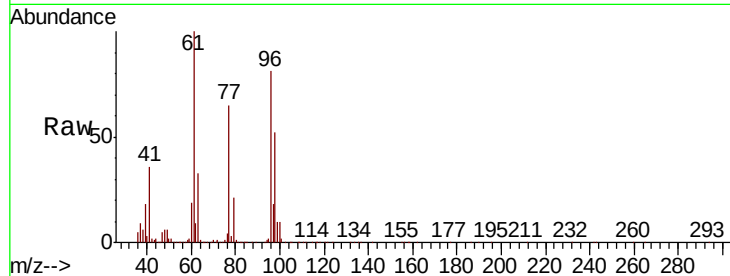
cis-1,2-Dichloroethene
Concen: 18.510 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	258.6
98	65.4	0.0	132.0

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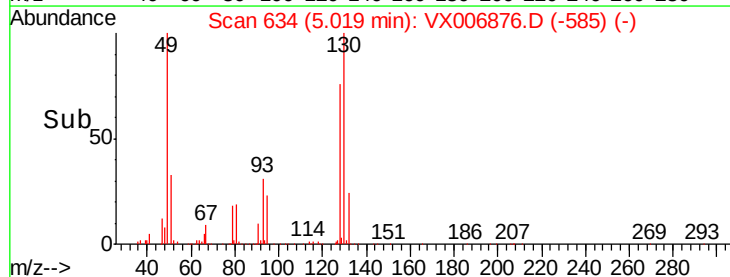
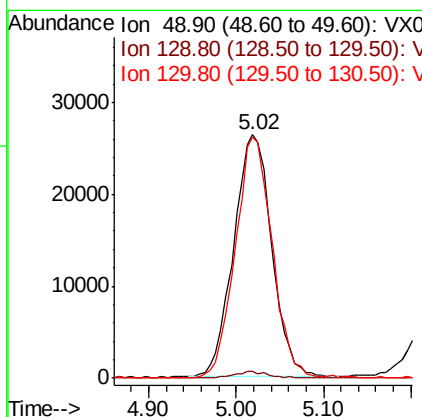
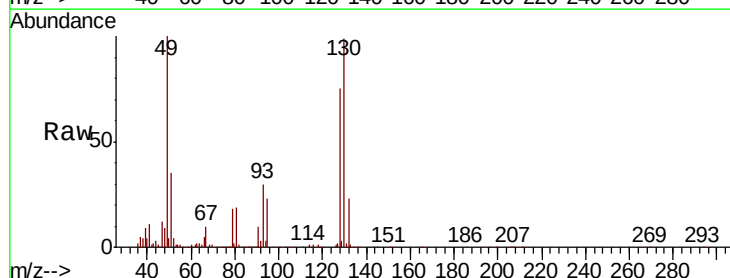
MMDadoda
1/3/2019 9:43:12 AM

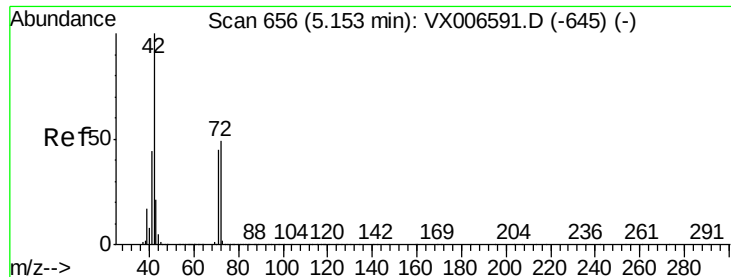


#28

Bromochloromethane
Concen: 19.568 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	96.5	77.7	116.5





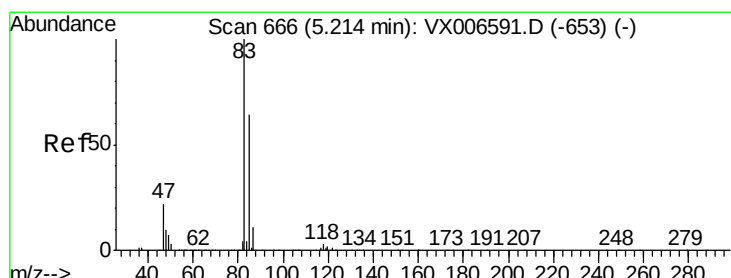
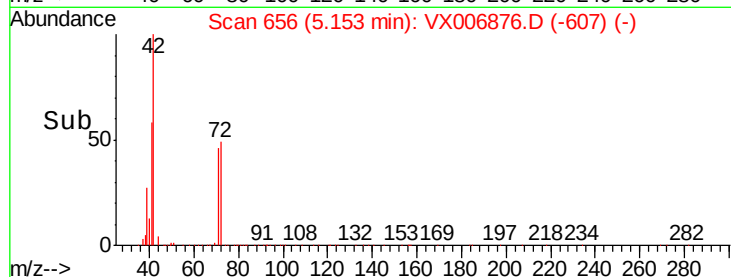
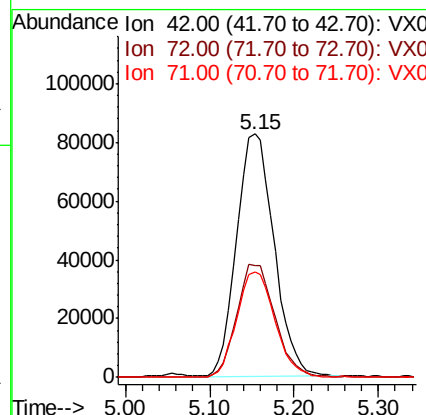
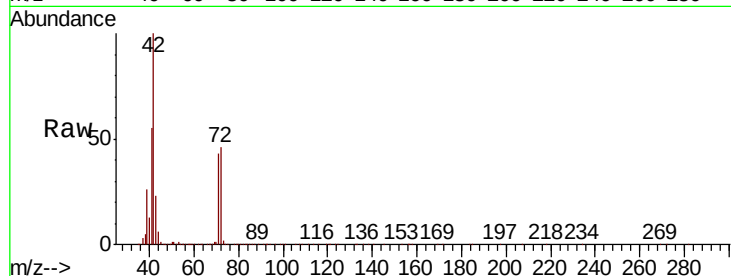
#29
Tetrahydrofuran
Concen: 97.641 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	38.9	58.3
71	44.1	36.2	54.4

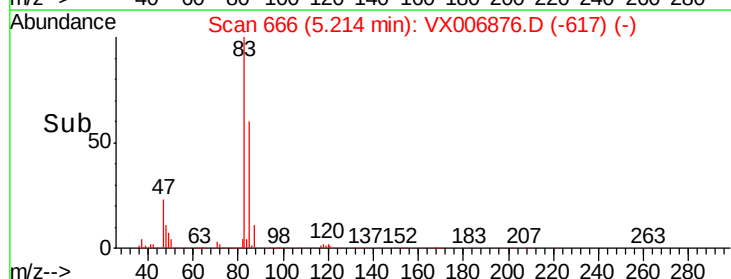
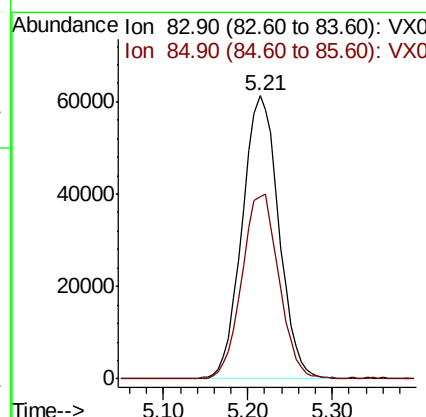
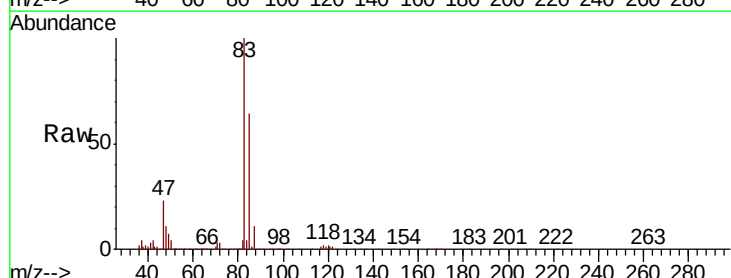
Manual Integrations
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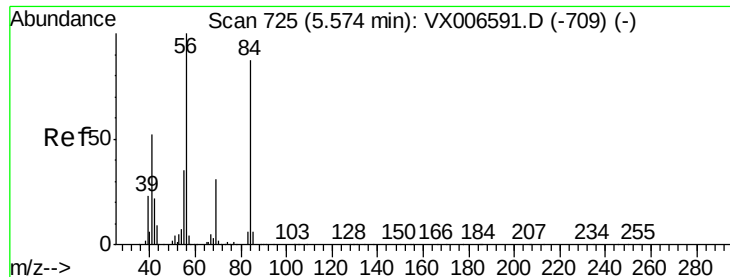
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#30
Chloroform
Concen: 19.031 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8





#31

Cyclohexane

Concen: 16.797 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

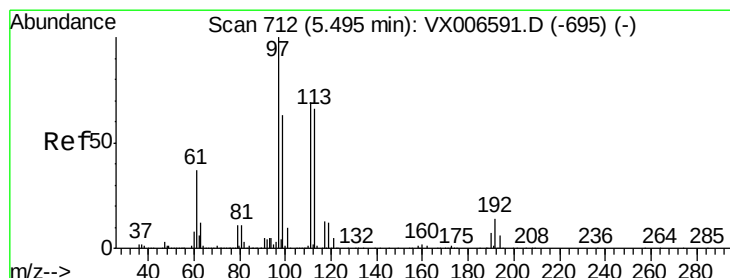
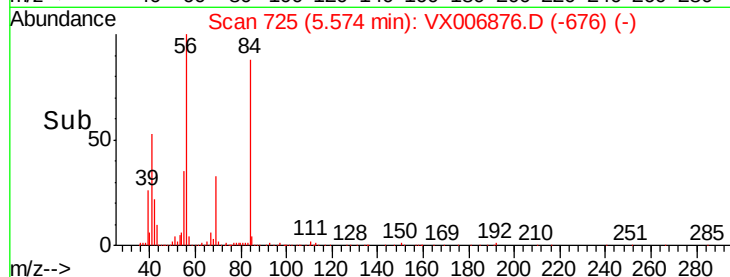
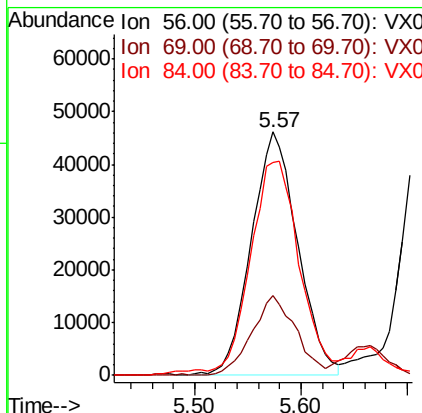
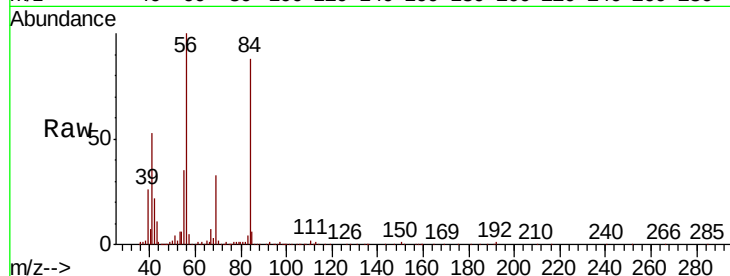
ClientSampleId :

VX0102WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.8	24.4	36.6	
84	86.1	70.0	105.0	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.929 ug/l

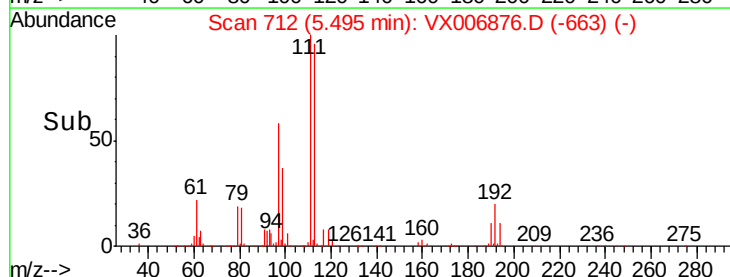
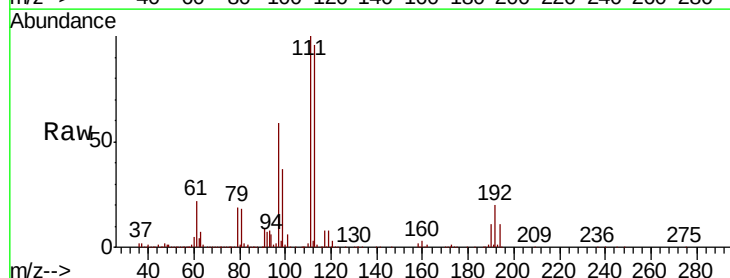
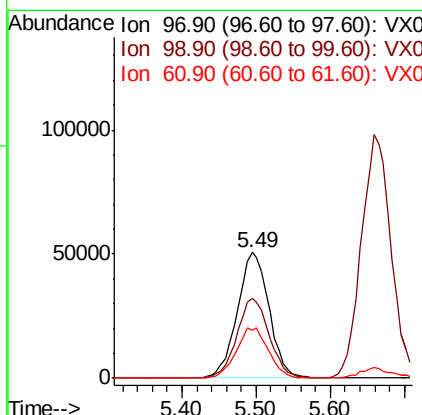
RT: 5.49 min Scan# 712

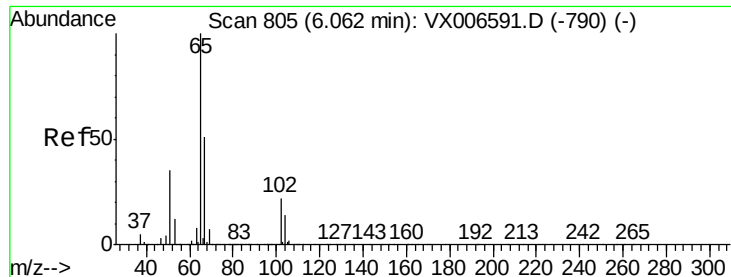
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	51.7	77.5	
61	40.9	31.3	46.9	





#33

1,2-Dichloroethane-d4

Concen: 47.542 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tot Ion: 65 Resp: 285636

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.0

Instrument :

MSVOA_X

ClientSampleId :

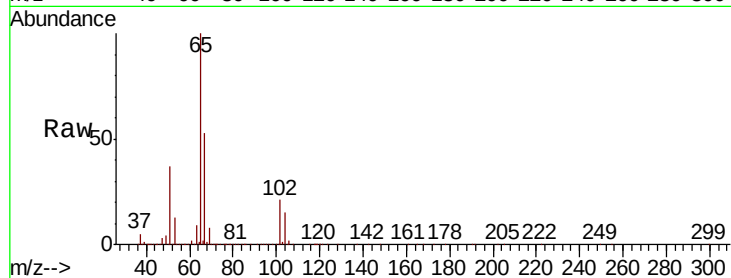
VX0102WBS01

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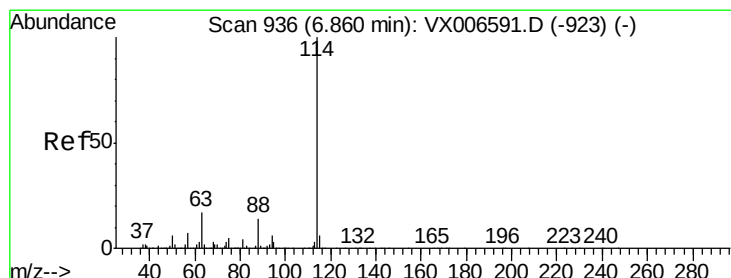
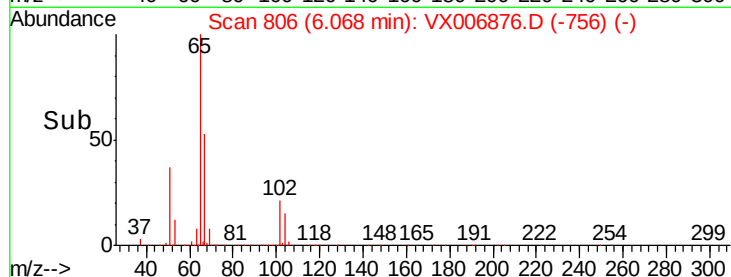
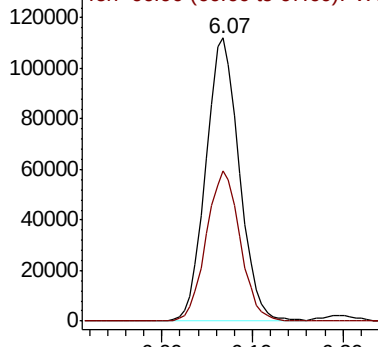
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

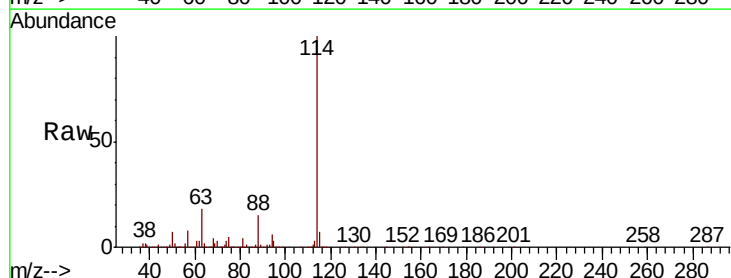
Tgt Ion: 114 Resp: 821201

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

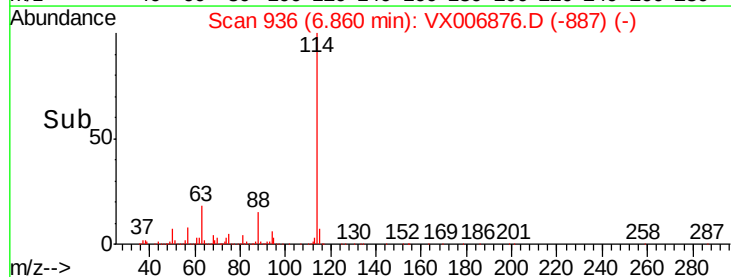
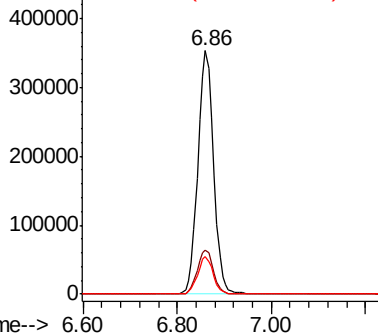
88 15.2 0.0 28.8

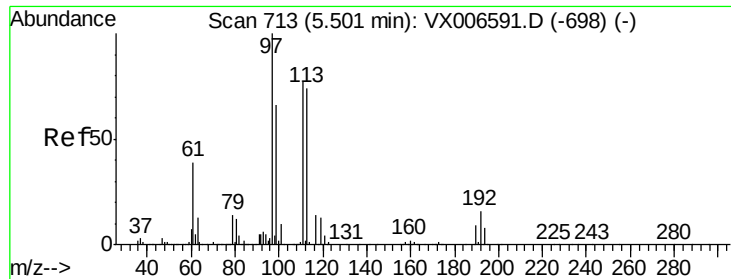


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.615 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

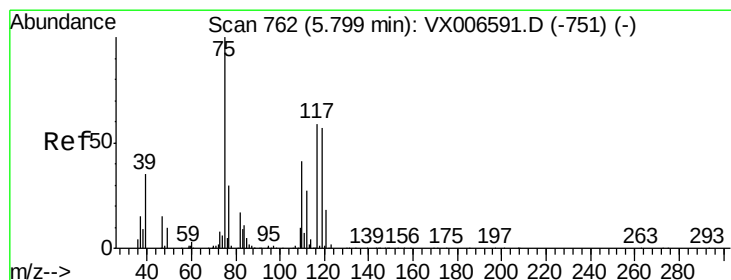
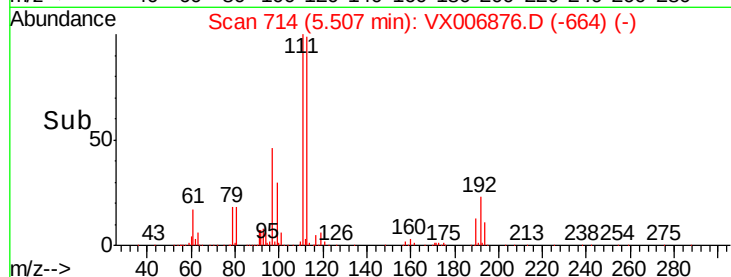
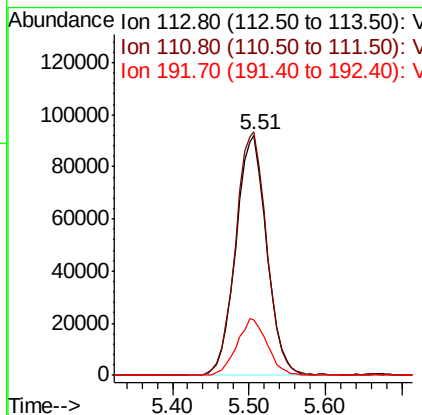
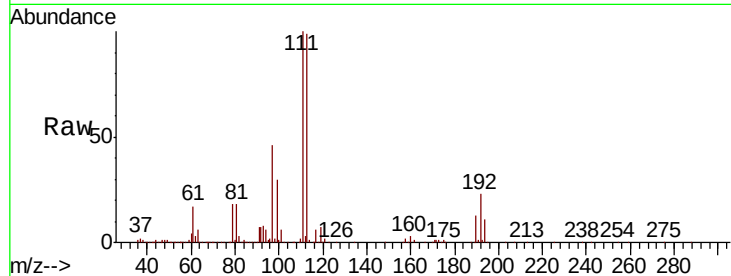
ClientSampleId :

VX0102WBS01

Tot Ion:	113	Resp:	257659
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	23.2	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 18.442 ug/l

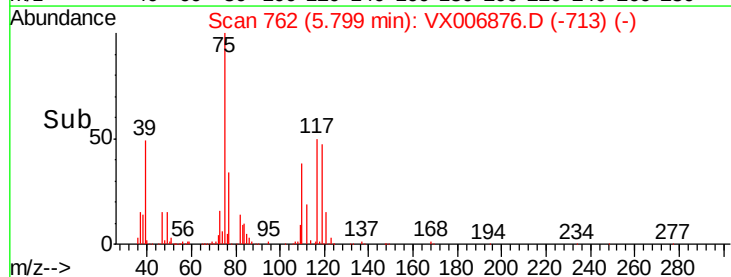
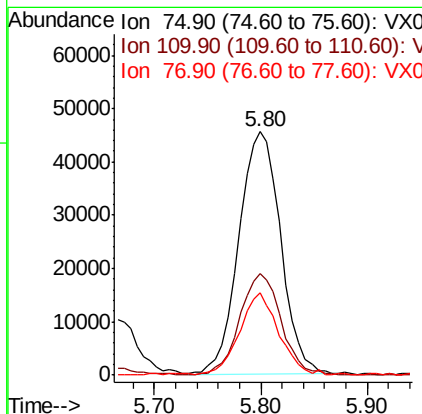
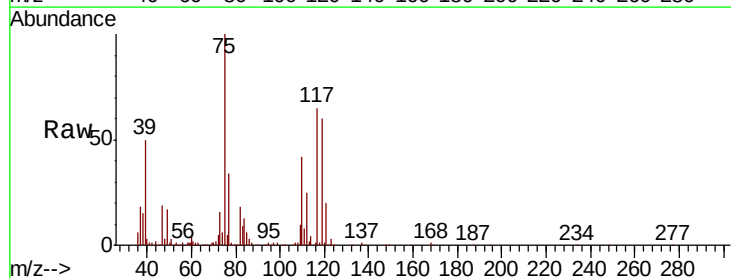
RT: 5.80 min Scan# 762

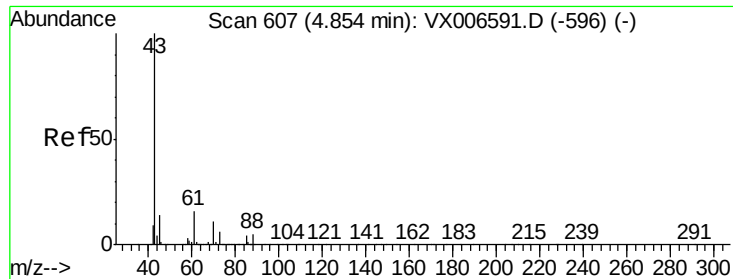
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	75	Resp:	125429
Ion Ratio	Lower	Upper	
75	100		
110	41.4	20.2	60.5
77	31.4	24.8	37.2





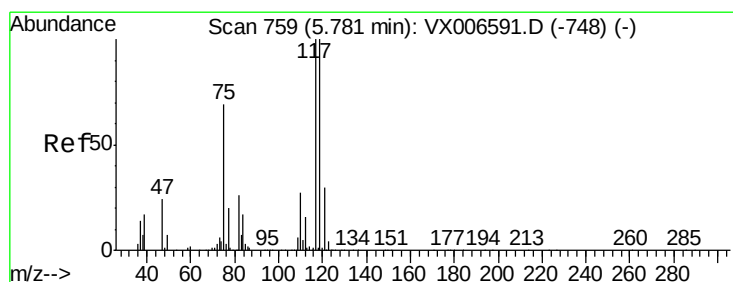
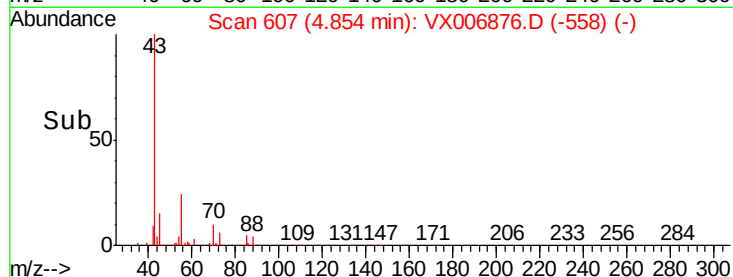
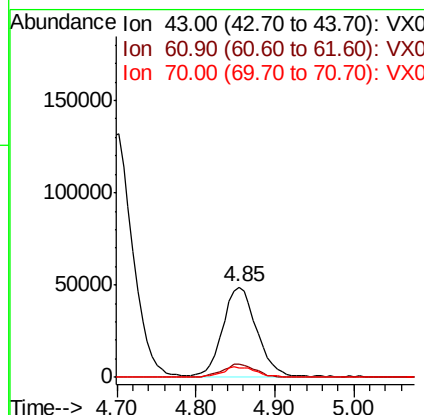
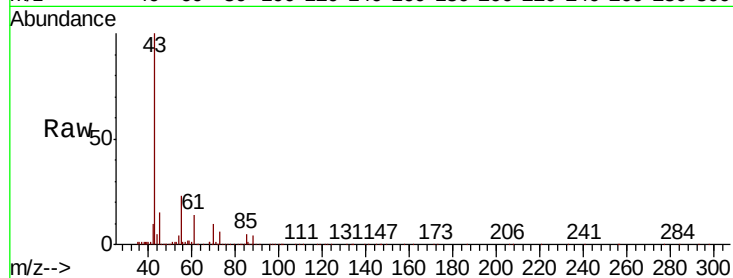
#37
Ethyl Acetate
Concen: 20.552 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	43	Resp	145490
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.9	17.9
70	11.5	9.7	14.5

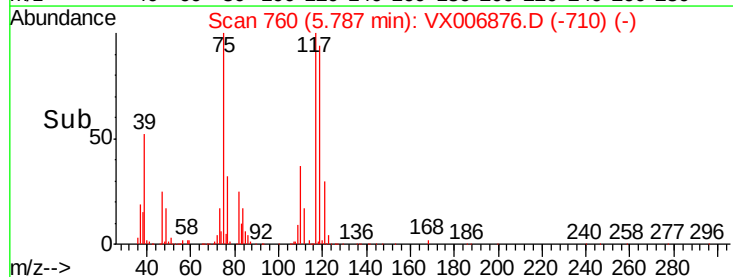
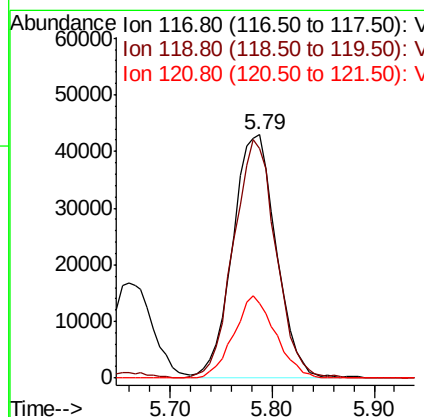
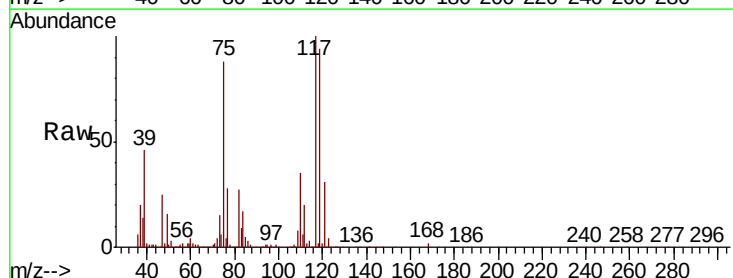
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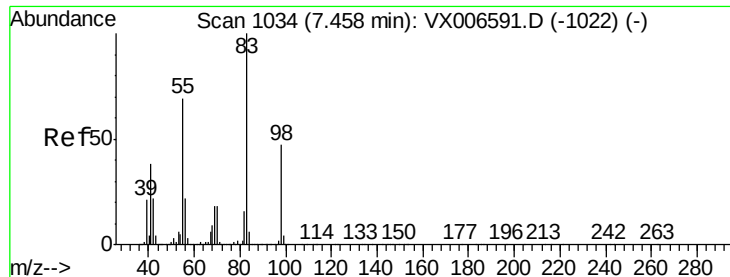
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#38
Carbon Tetrachloride
Concen: 19.118 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	117	Resp	126366
Ion Ratio	Lower	Upper	
117	100		
119	93.9	79.4	119.2
121	30.8	24.0	36.0





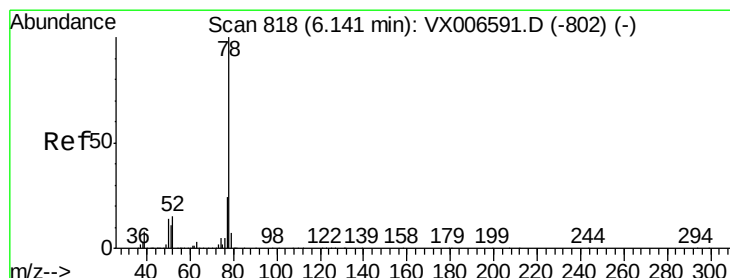
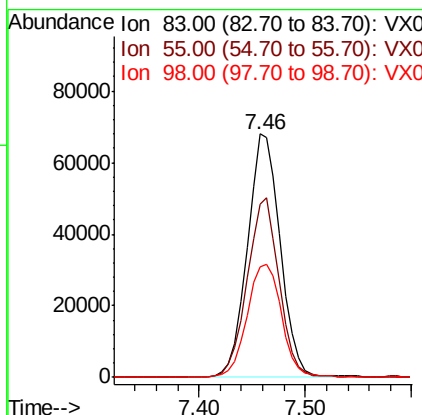
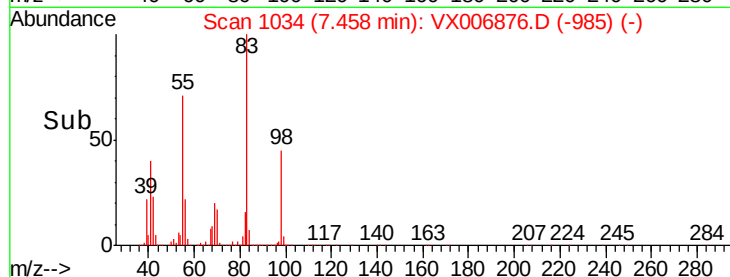
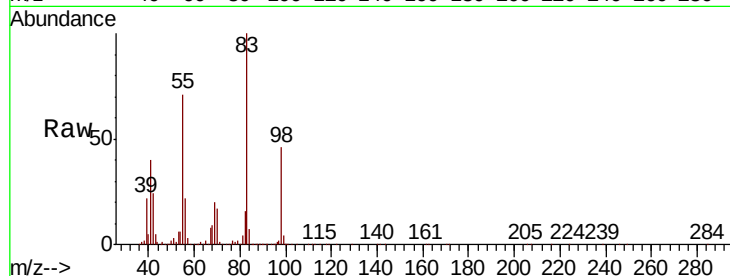
#39
Methylvlcyclohexane
Concen: 16.436 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	54.9	82.3
98	45.6	37.9	56.9

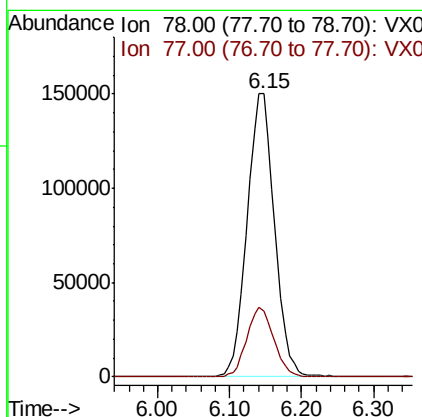
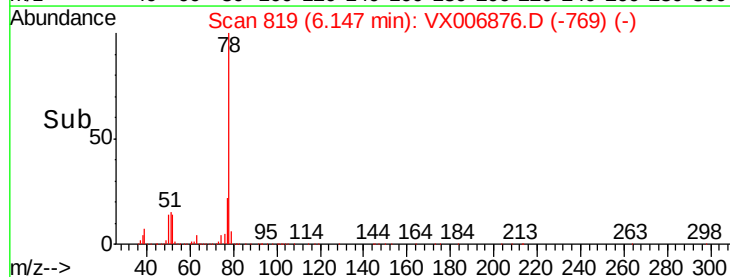
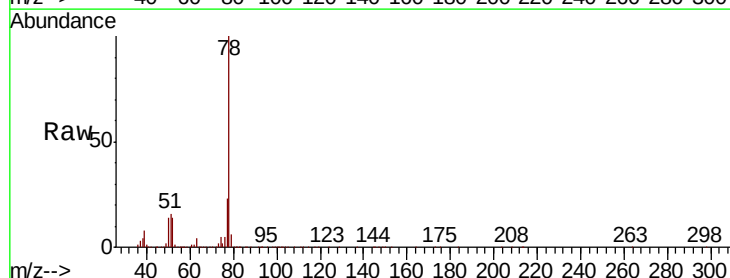
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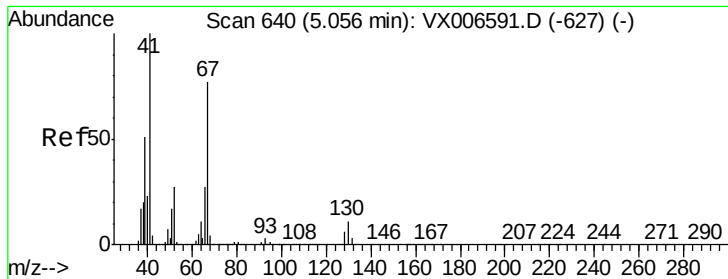
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#40
Benzene
Concen: 19.200 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8





#41

Methacrylonitrile

Concen: 21.500 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

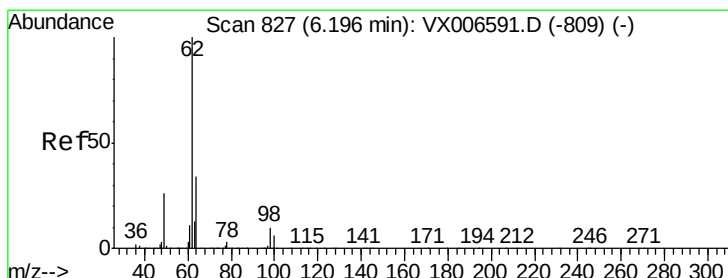
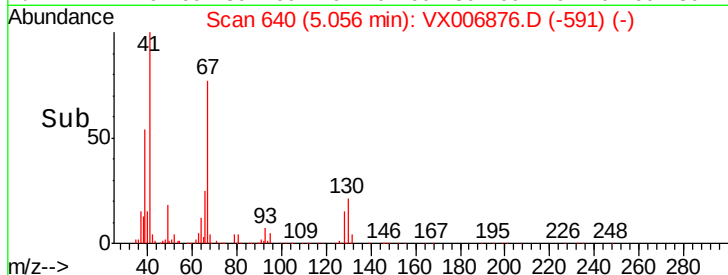
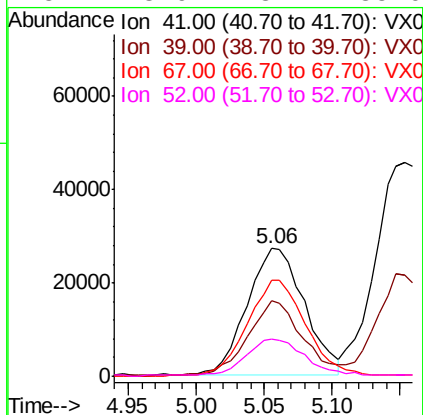
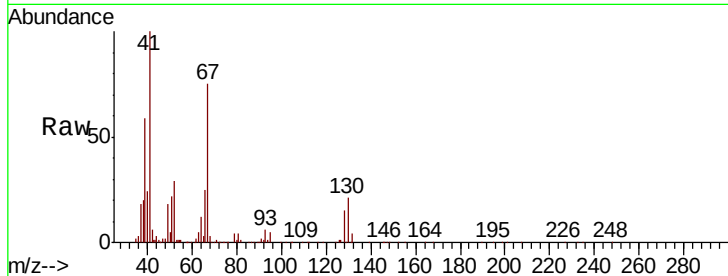
ClientSampleId :

VX0102WBS01

Tot Ion:	41	Resp:	80806
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.8	64.2
67	76.9	62.1	93.1
52	28.9	23.4	35.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.548 ug/l

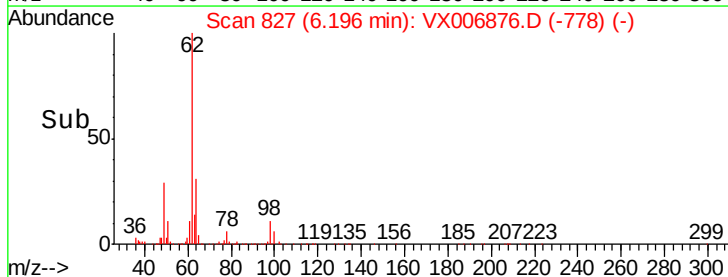
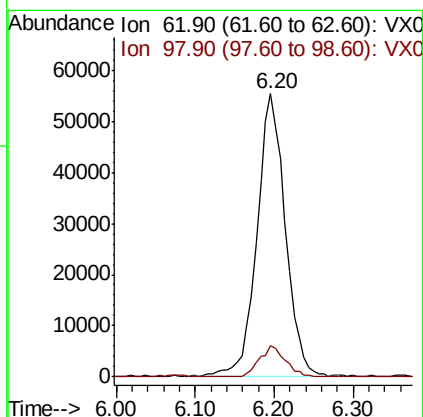
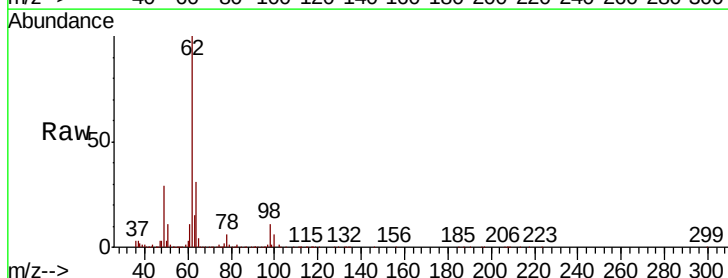
RT: 6.20 min Scan# 827

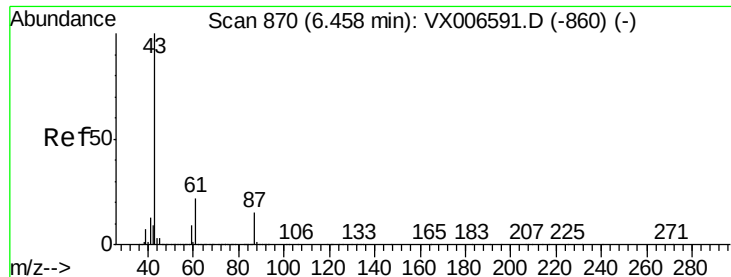
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	62	Resp:	137715
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.468 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

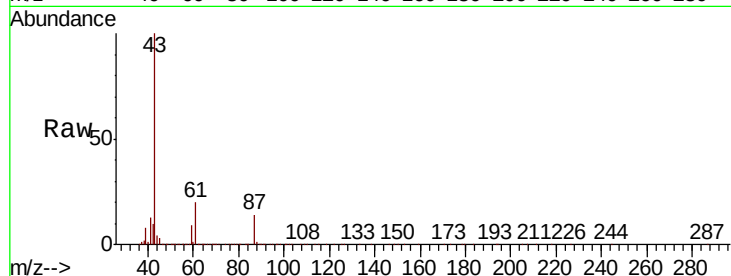
ClientSampleId :

VX0102WBS01

Tot Ion:	43	Resp:	231238
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.8	25.2
87	15.0	12.4	18.6

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MMDadoda
1/3/2019 9:43:12 AM

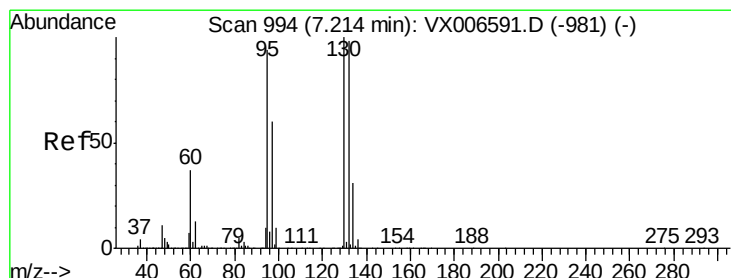
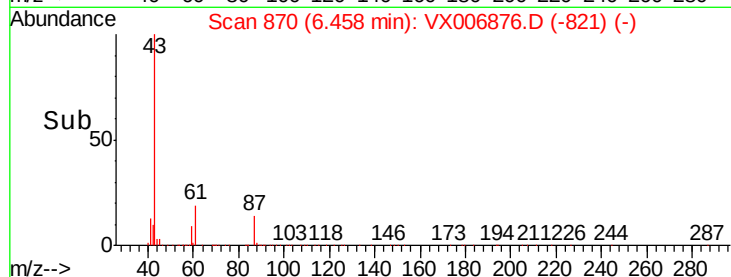
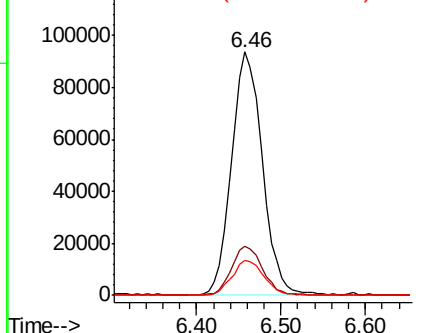


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.493 ug/l

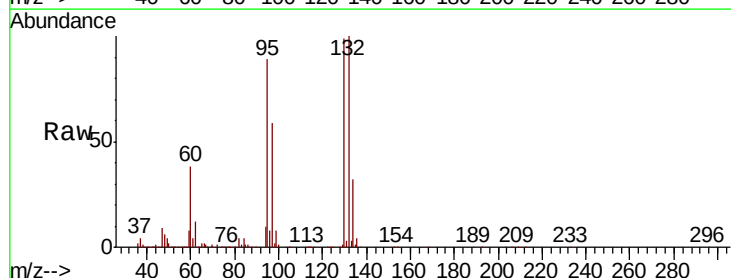
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

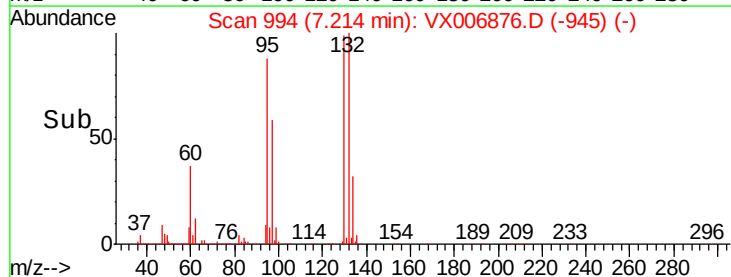
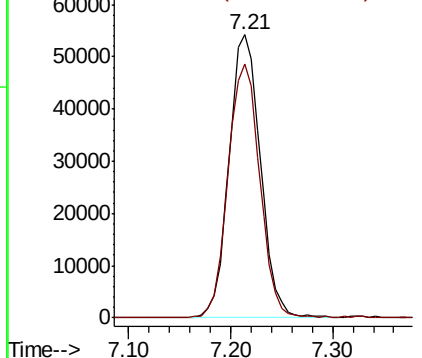
Tgt Ion:	130	Resp:	115721
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	187.0

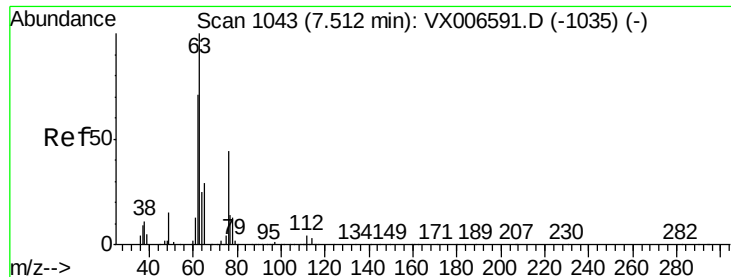


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





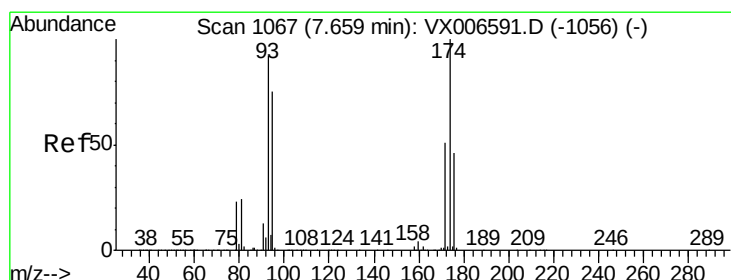
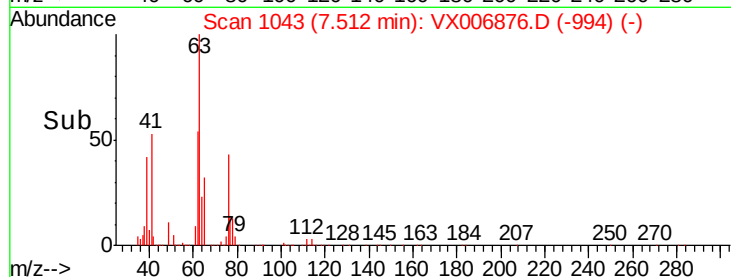
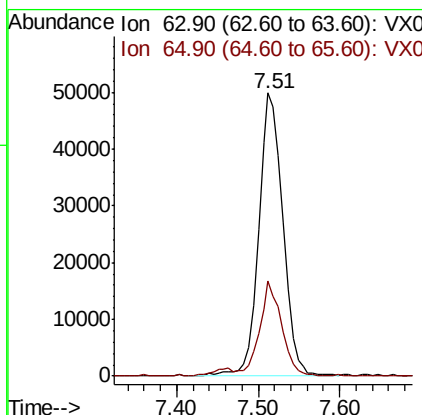
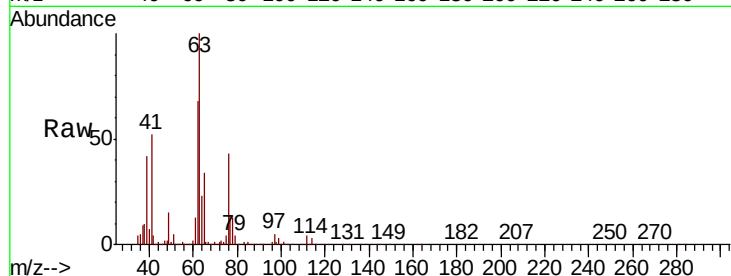
#45
 1,2-Dichloropropane
 Concen: 20.451 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0102WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.6	25.4	38.0

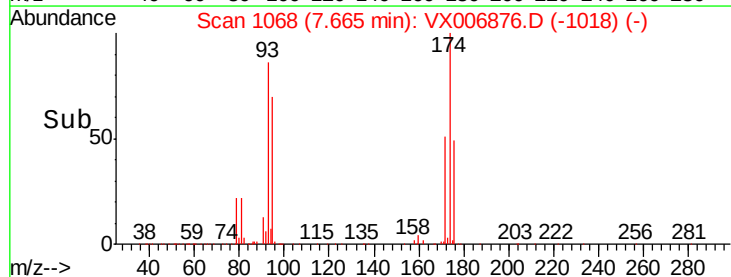
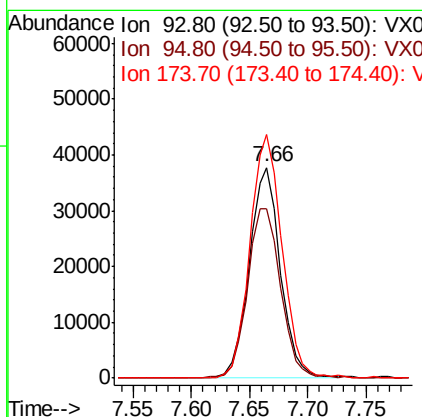
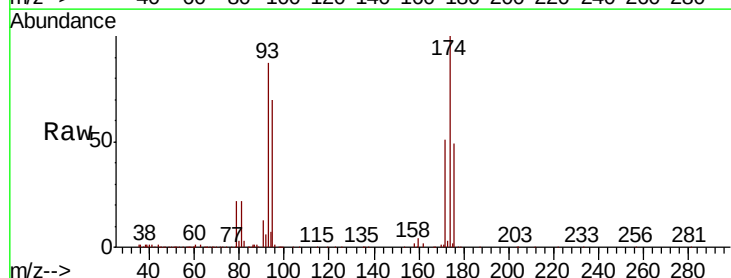
Manual Integrations
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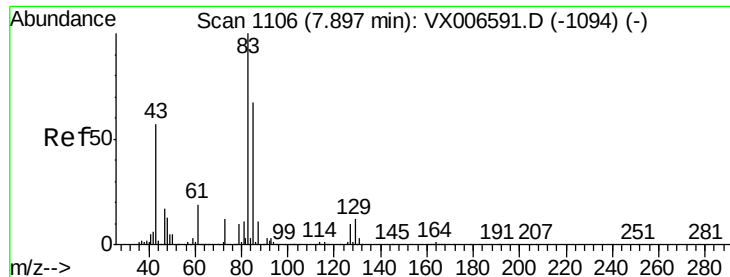
MMDadoda
 1/3/2019 9:43:12 AM



#46
 Dibromomethane
 Concen: 18.990 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.1	66.2	99.4
174	119.4	91.0	136.4





#47

Bromodichloromethane

Concen: 19.685 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

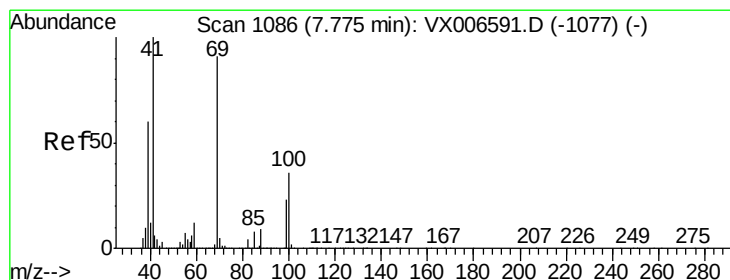
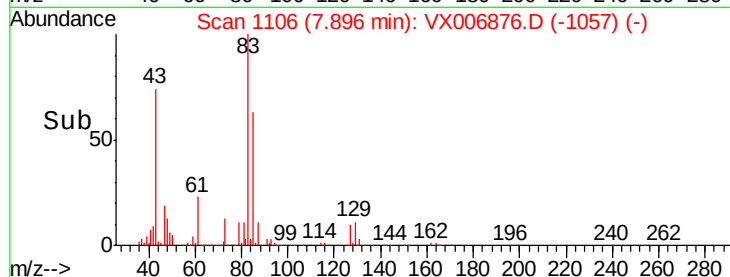
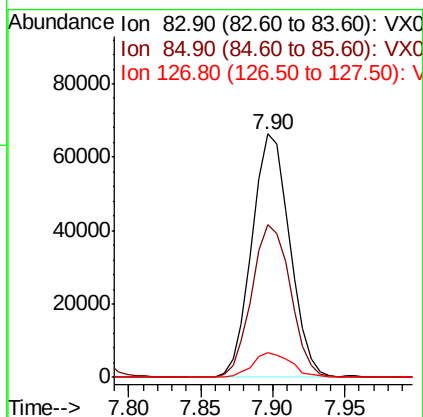
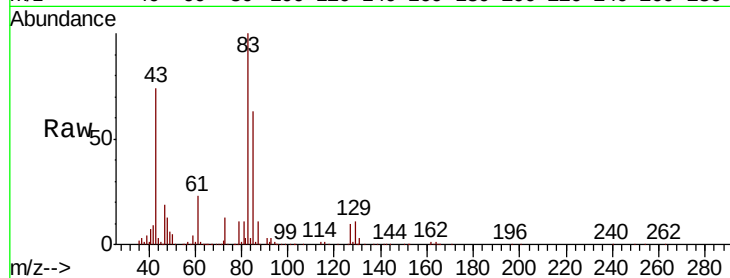
ClientSampled :

VX0102WBS01

Tot Ion:	83	Resp:	120939
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.2	79.8
127	10.0	7.8	11.6

Manual Integrations
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1/3/2019 9:43:12 AM



#48

Methyl methacrylate

Concen: 21.335 ug/l

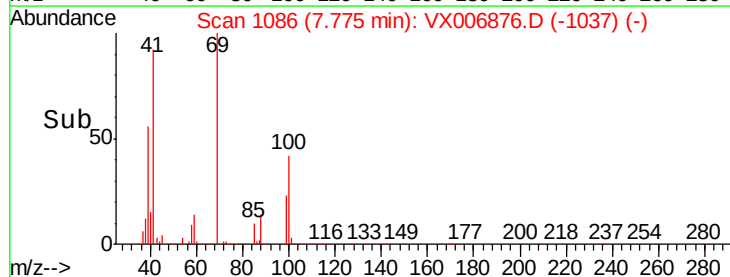
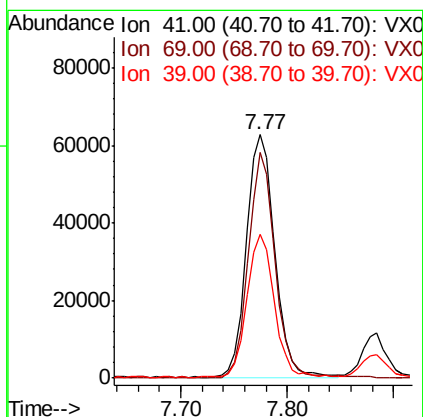
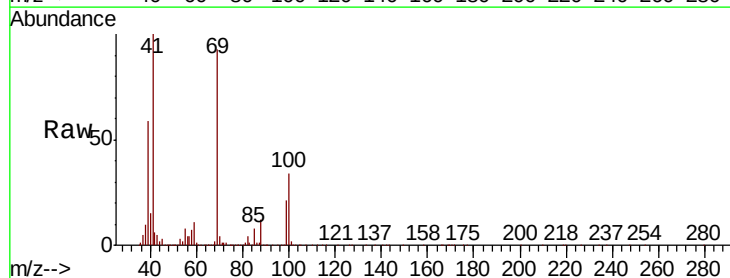
RT: 7.77 min Scan# 1086

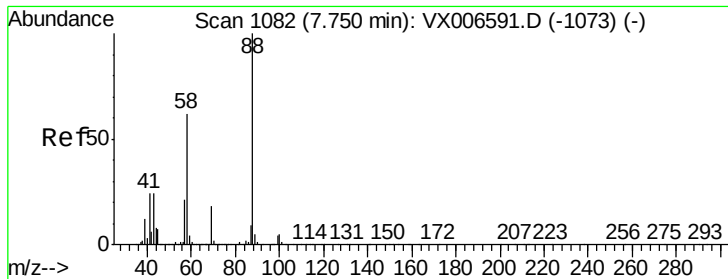
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	41	Resp:	116861
Ion	Ratio	Lower	Upper
41	100		
69	87.2	72.4	108.6
39	56.4	45.8	68.8





#49

1,4-Dioxane

Concen: 382.402 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

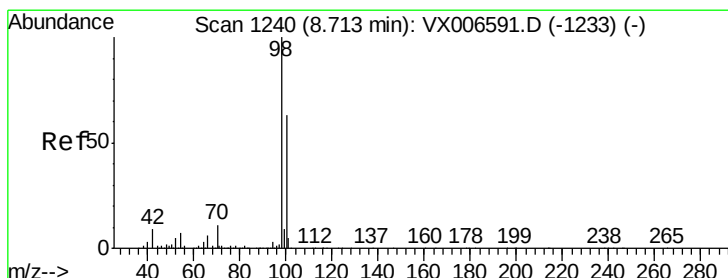
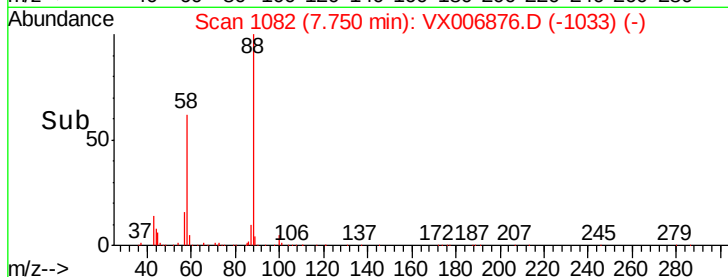
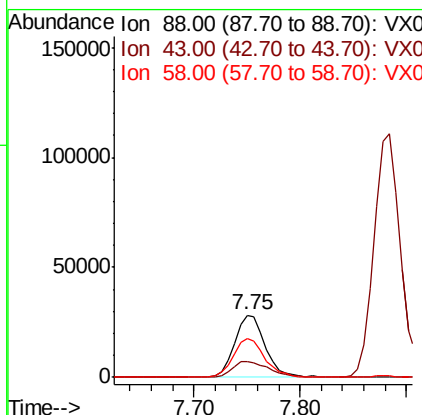
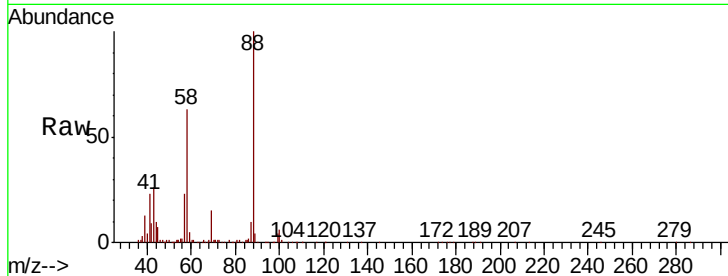
ClientSampleId :

VX0102WBS01

Tot Ion:	88	Resp:	56563
Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.2	33.4
58	63.8	51.0	76.4

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#50

Toluene-d8

Concen: 48.444 ug/l

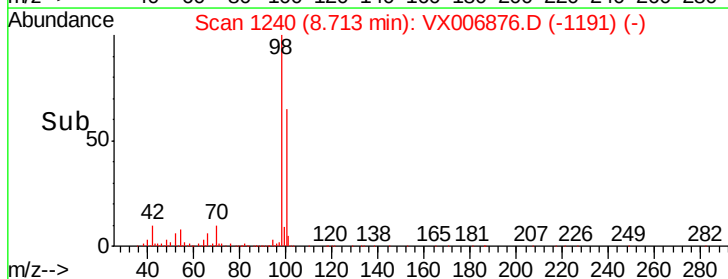
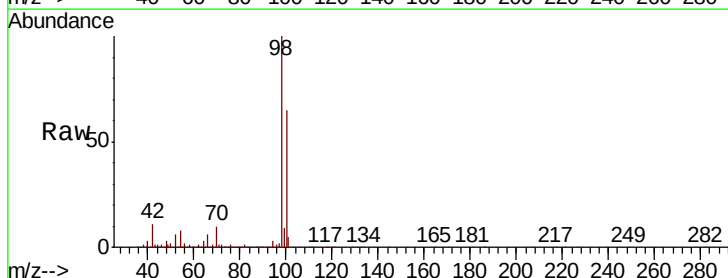
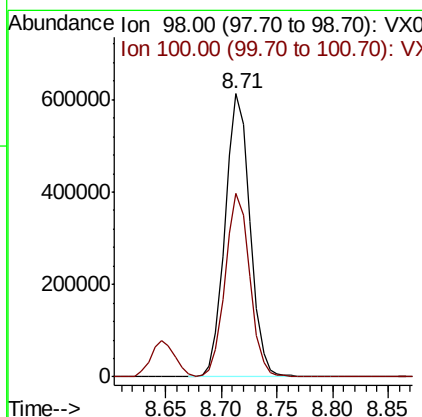
RT: 8.71 min Scan# 1240

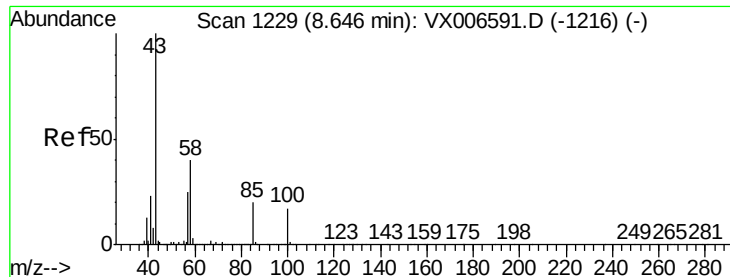
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	98	Resp:	948440
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





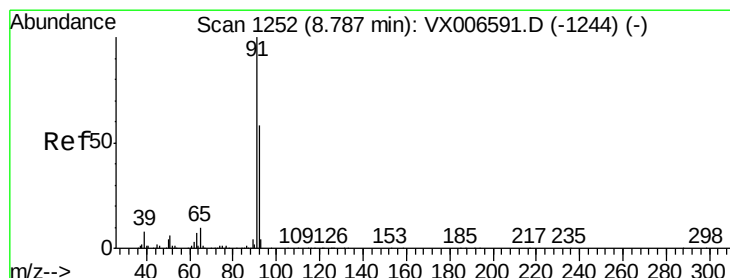
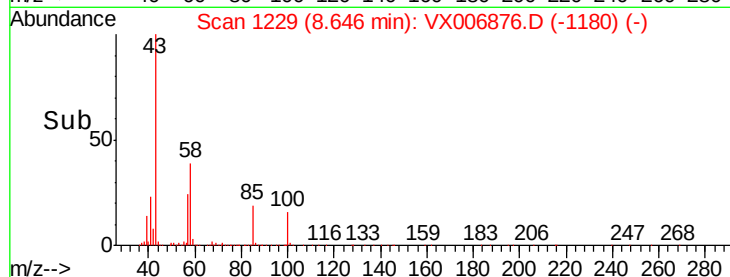
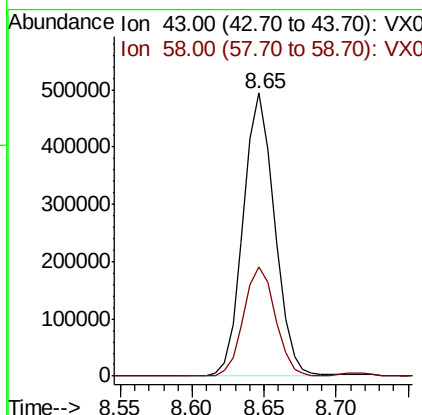
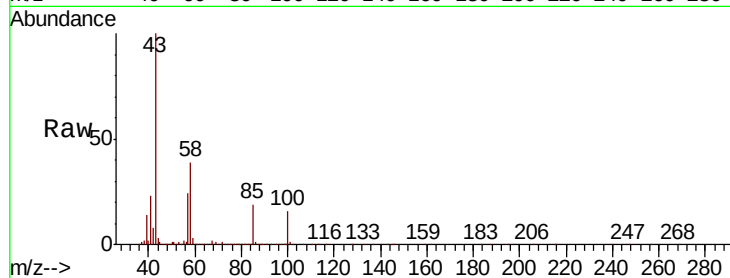
#51
4-Methyl-2-Pentanone
Concen: 109.276 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampled :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.8	47.6

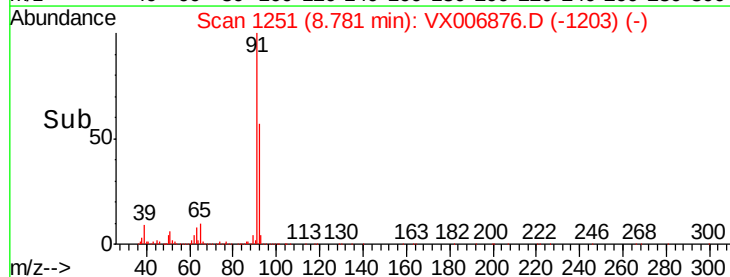
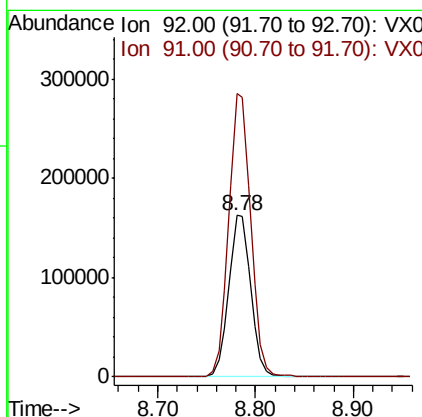
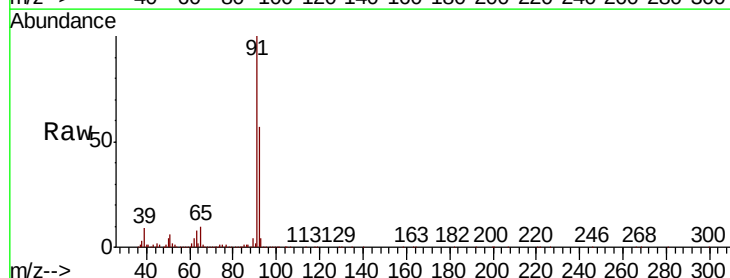
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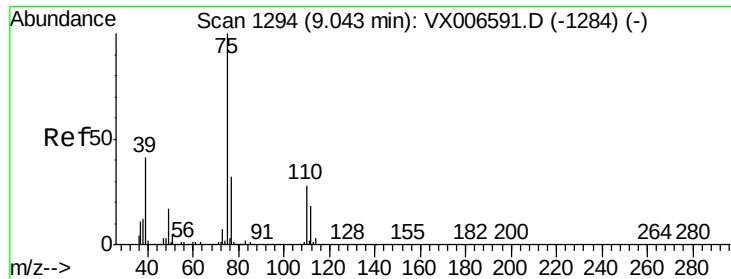
MMDadoda
1/3/2019 9:43:12 AM



#52
Toluene
Concen: 19.161 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.2	137.6	206.4





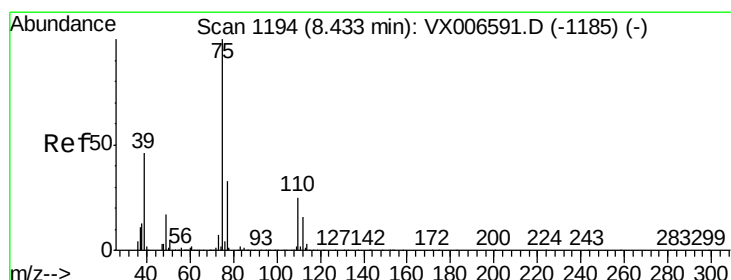
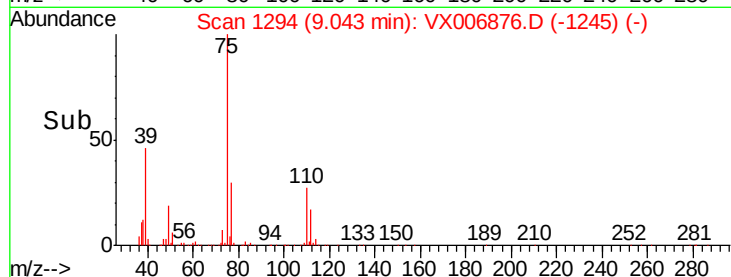
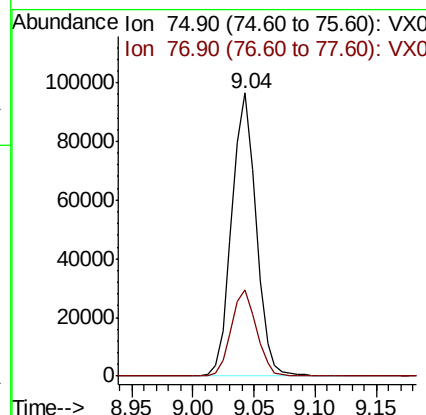
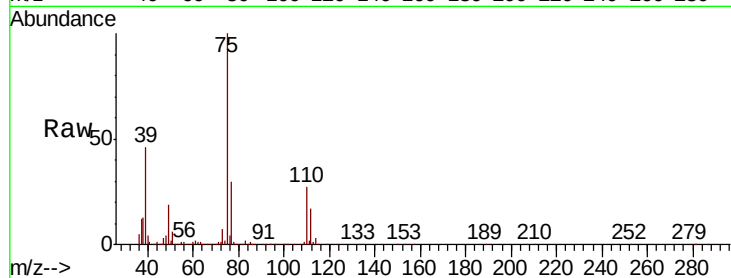
#53
t-1,3-Dichloropropene
Concen: 20.200 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampled :
VX0102WBS01

Tot Ion: 75 Resp: 133099
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

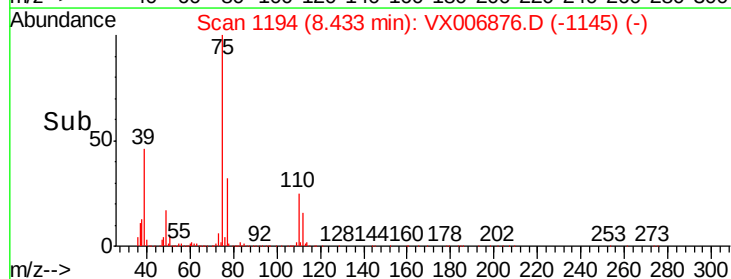
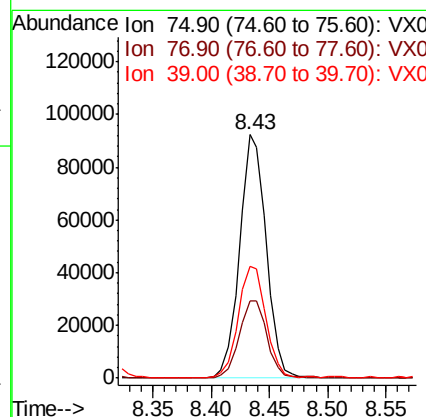
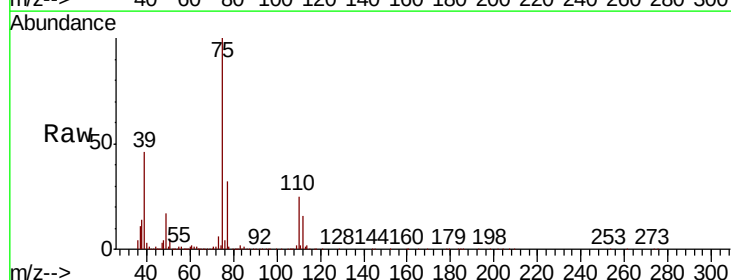
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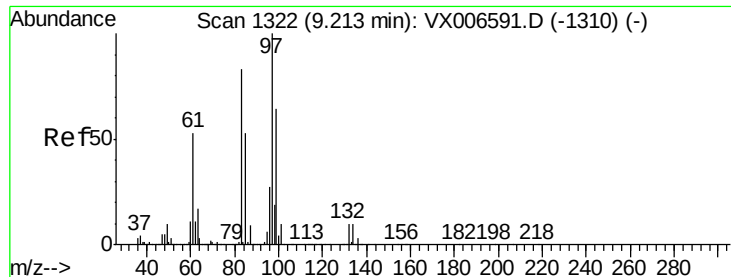
MMDadoda
1/3/2019 9:43:12 AM



#54
cis-1,3-Dichloropropene
Concen: 20.366 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 75 Resp: 147243
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
39 45.6 36.7 55.1





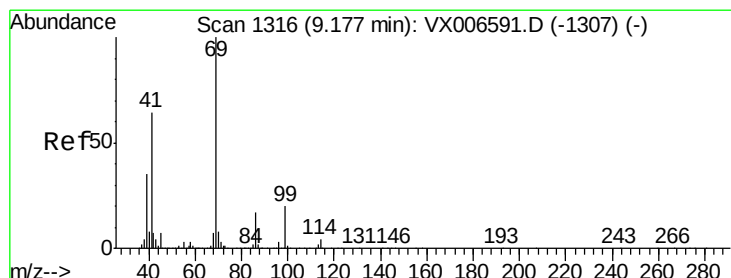
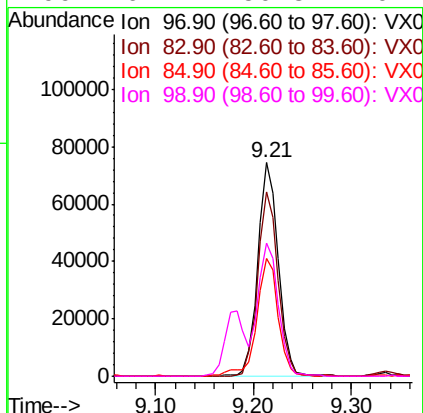
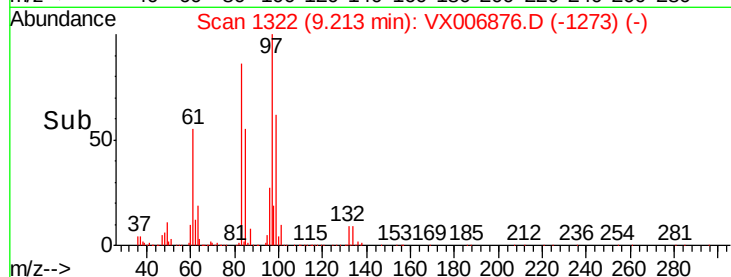
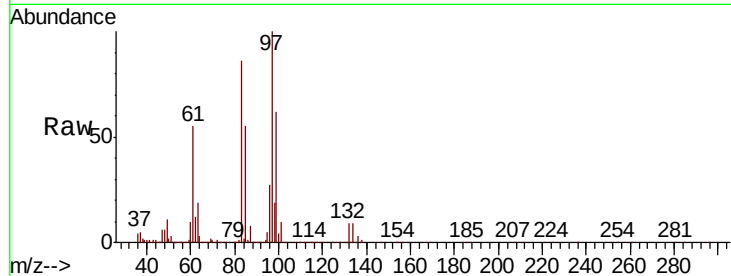
#55
 1,1,2-Trichloroethane
 Concen: 19.665 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		107510		
83	86.3	66.6	99.8		
85	55.1	42.7	64.1		
99	62.2	50.8	76.2		

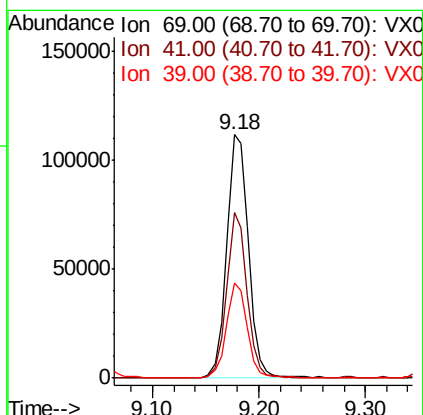
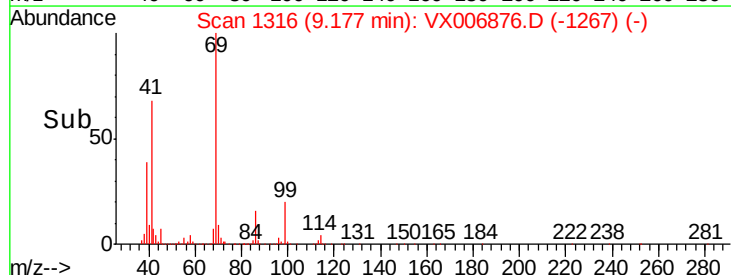
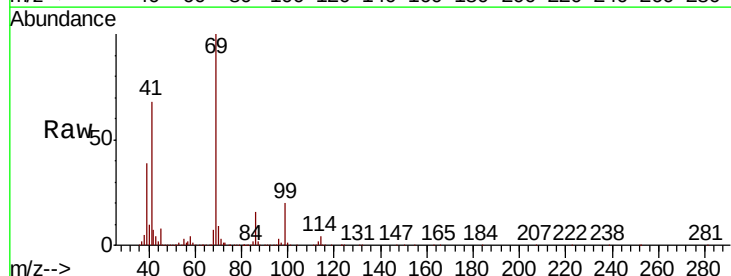
Manual Integrations
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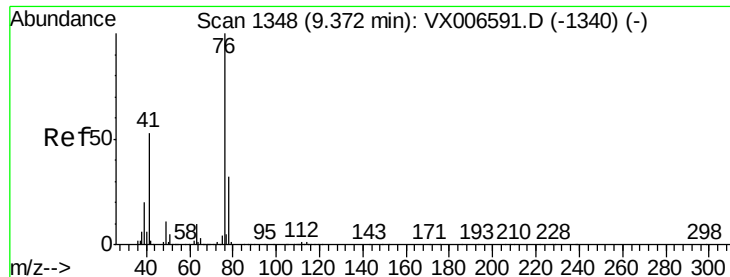
MMDadoda
 1/3/2019 9:43:12 AM



#56
 Ethyl methacrylate
 Concen: 20.717 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		160079		
41	63.4	48.7	73.1		
39	37.1	27.0	40.6		





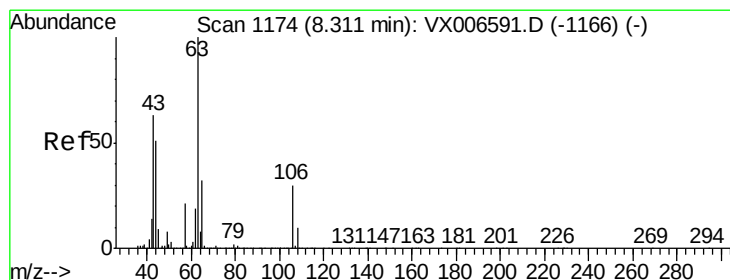
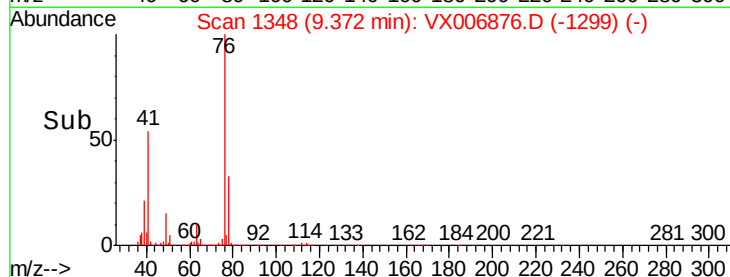
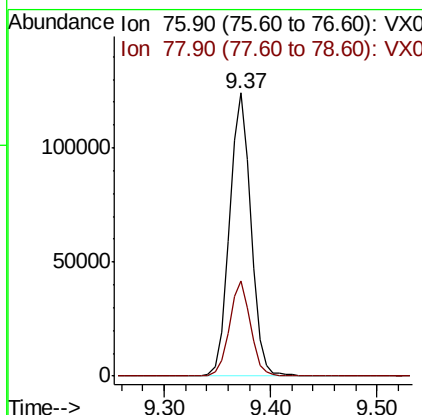
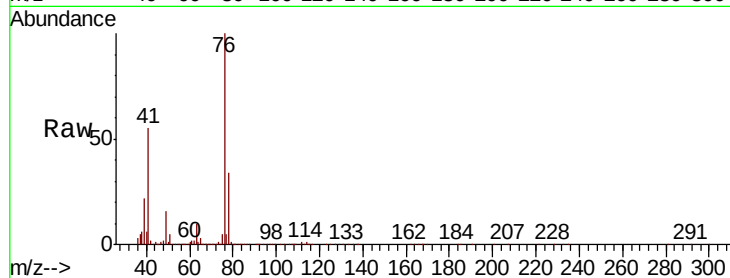
#57
 1,3-Dichloropropane
 Concen: 19.938 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0102WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.0	39.0

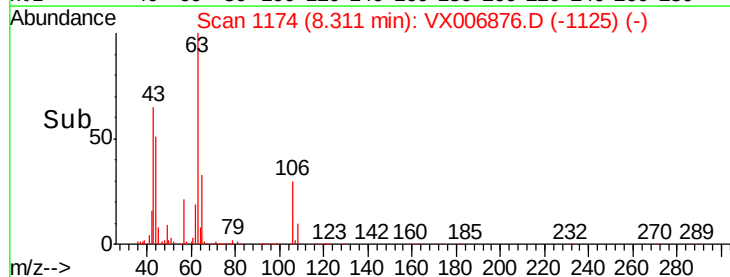
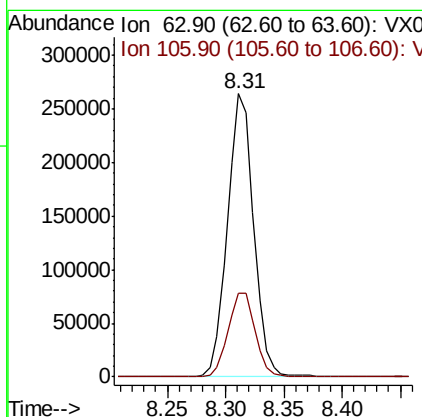
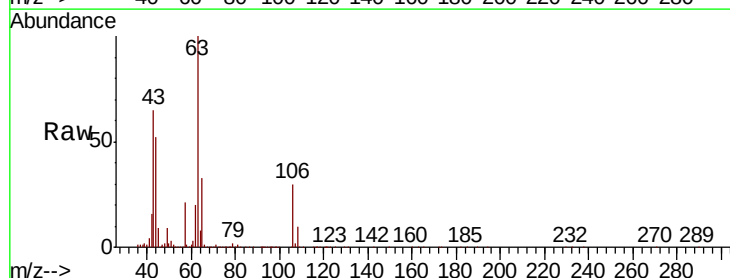
Manual Integrations
 APPROVED

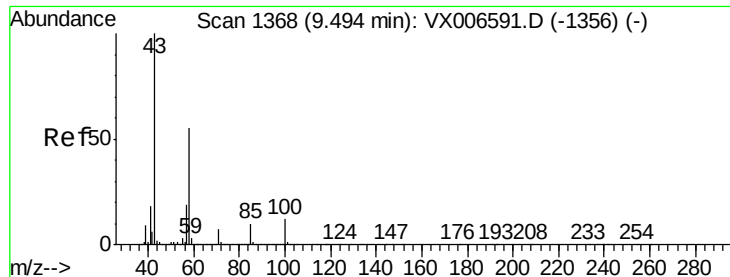
MMDadoda
 1/3/2019 9:43:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.850 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.8	24.6	36.8





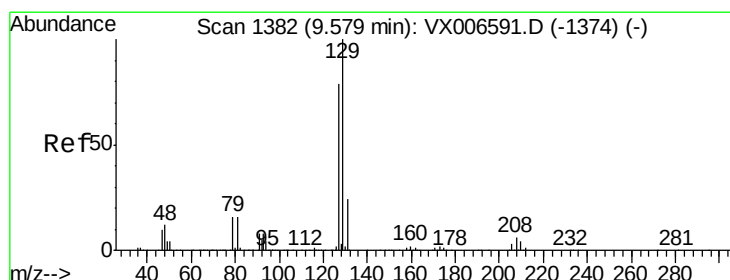
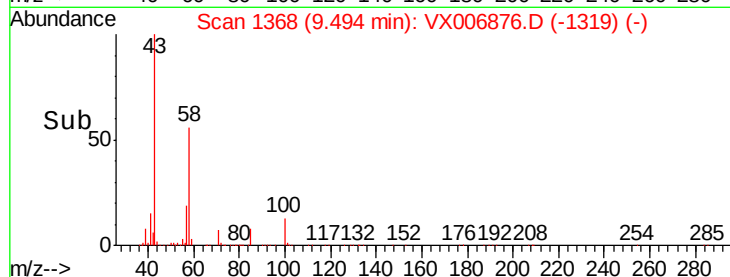
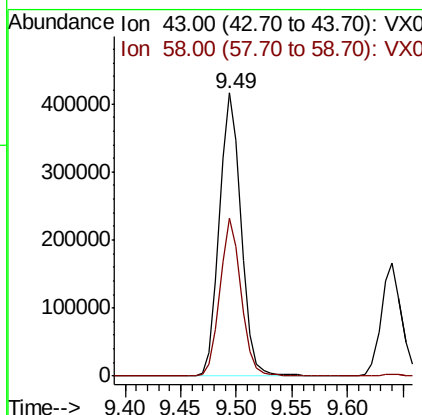
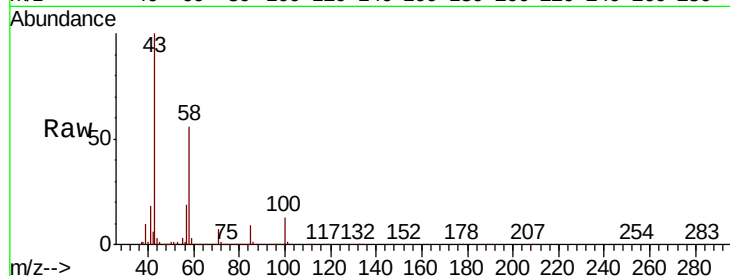
#59
2-Hexanone
Concen: 106.996 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion: 43 Resp: 561044
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1

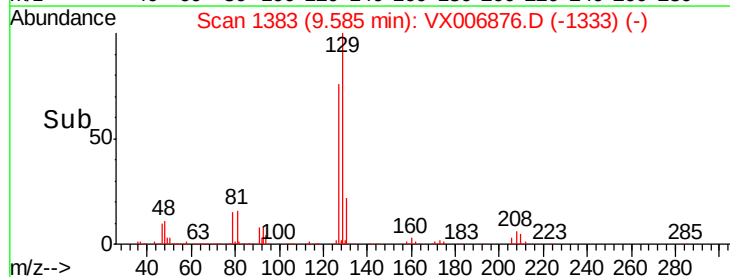
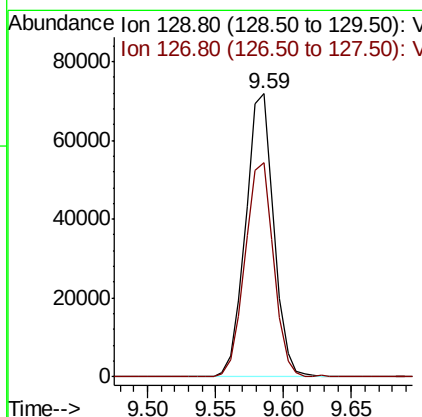
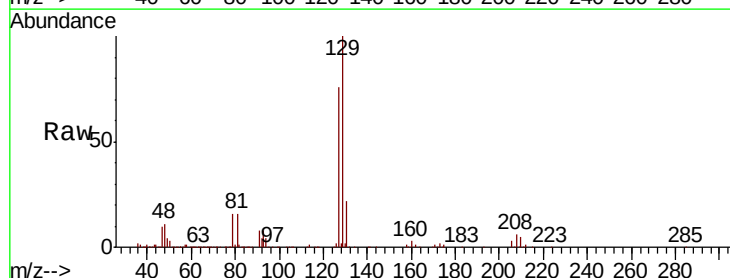
Manual Integrations
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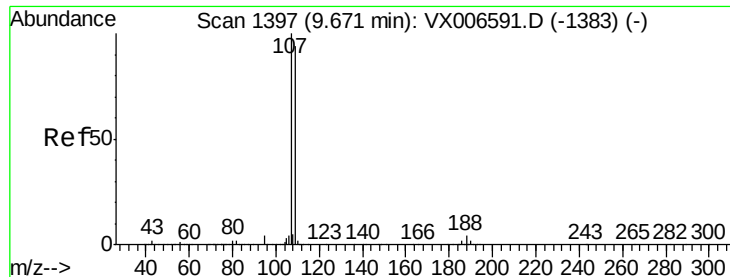
MMDadoda
1/3/2019 9:43:12 AM



#60
Dibromochloromethane
Concen: 19.701 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 129 Resp: 104201
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.033 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

Tot Ion: 107 Resp: 116422

Ion Ratio Lower Upper

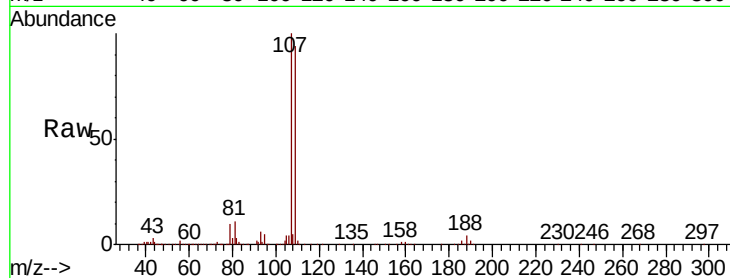
107 100

109 93.0 75.8 113.6

Manual Integrations
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MMDadoda

1/3/2019 9:43:12 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

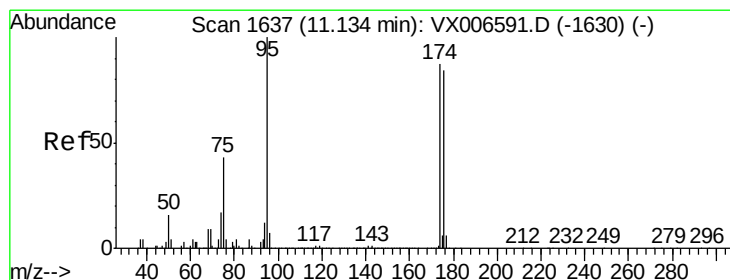
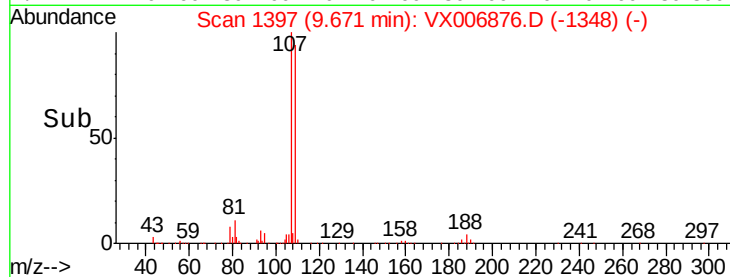
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.782 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

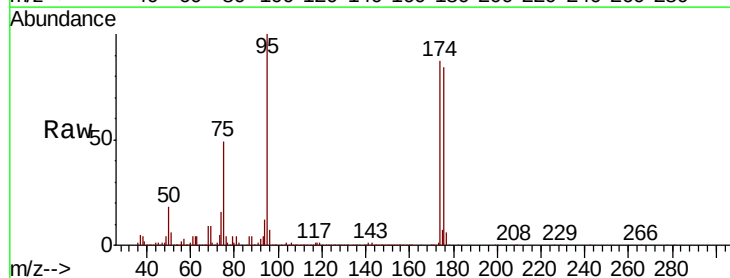
Tgt Ion: 95 Resp: 342615

Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.2

176 92.5 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

300000

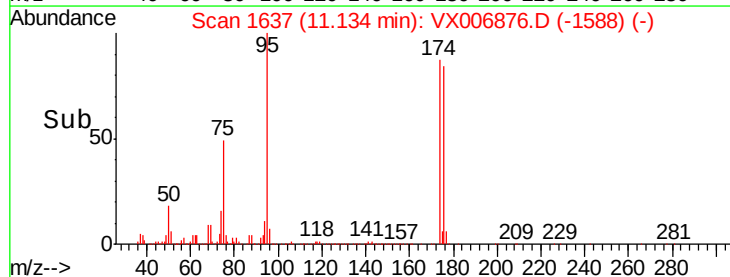
200000

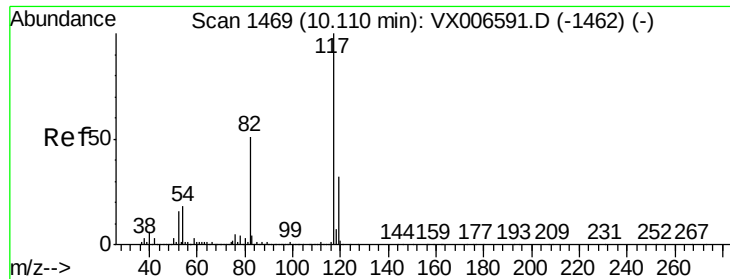
100000

0

11.00 11.10 11.20

Time-->





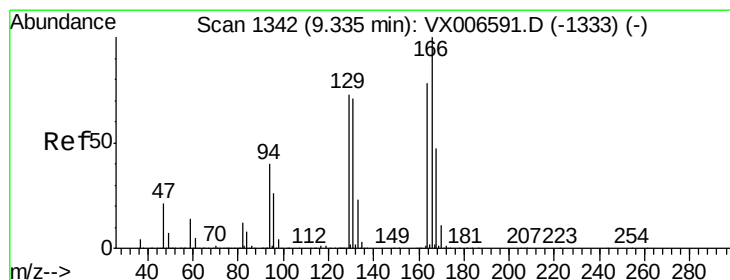
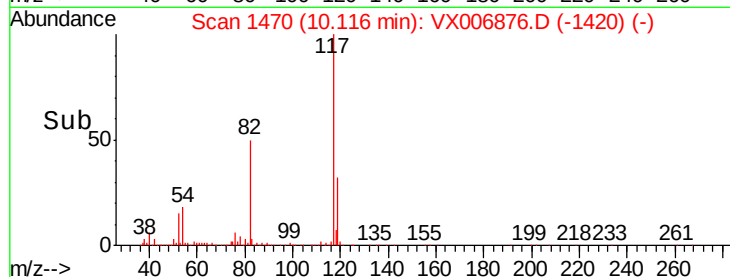
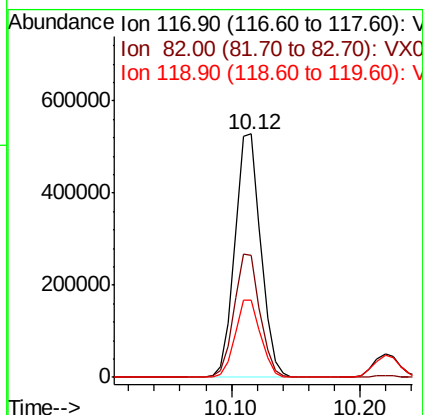
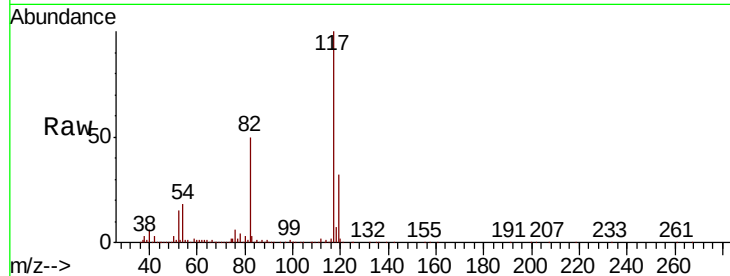
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	49.9	41.0	61.6
119	31.7	25.4	38.0

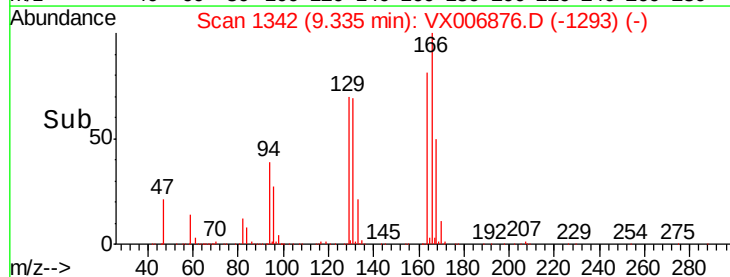
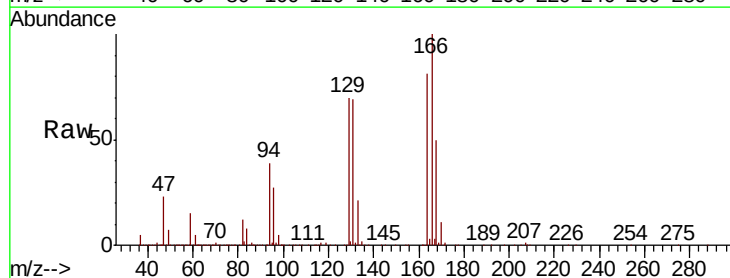
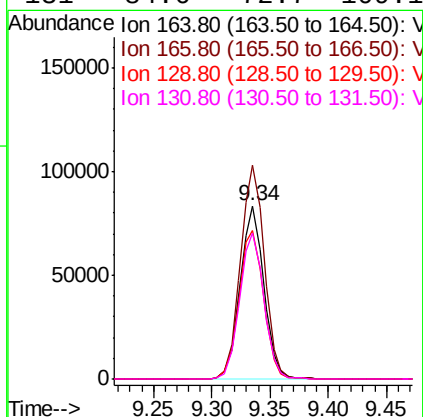
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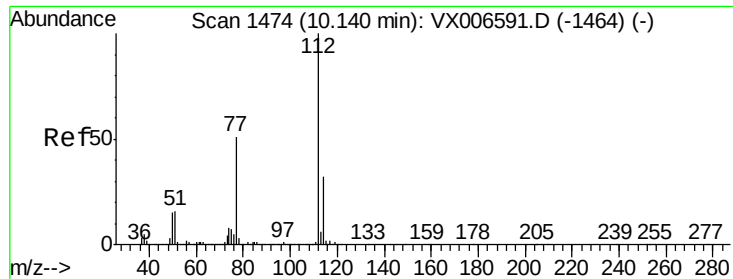
MMDadoda
1/3/2019 9:43:12 AM



#64
Tetrachloroethene
Concen: 20.285 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	123.3	102.5	153.7
129	85.8	75.1	112.7
131	84.6	72.7	109.1





#65

Chlorobenzene

Concen: 19.251 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0102WBS01

Tot Ion:112 Resp: 300781

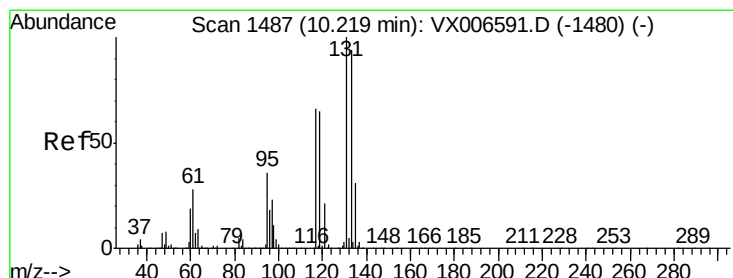
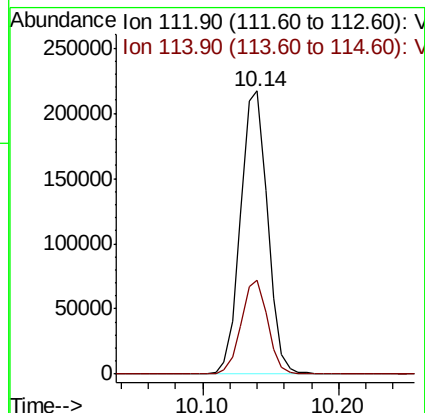
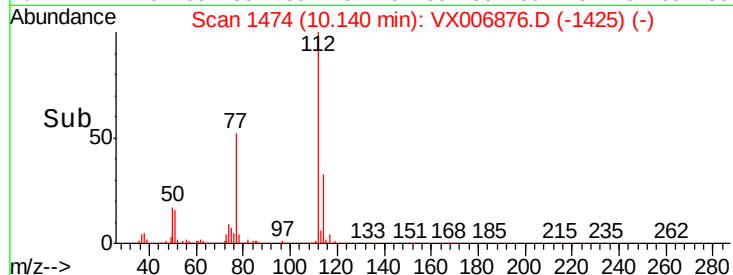
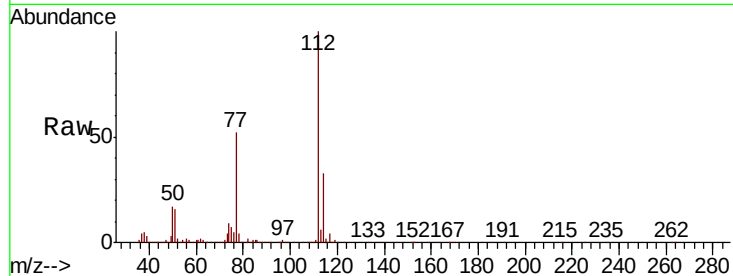
Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:12 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 21.528 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

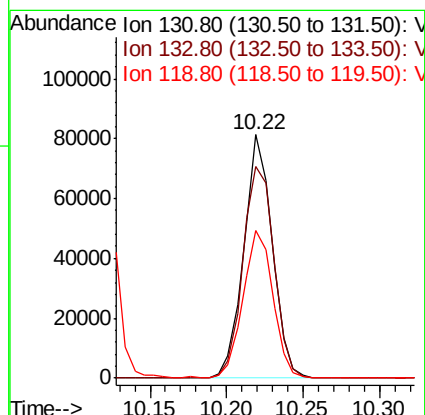
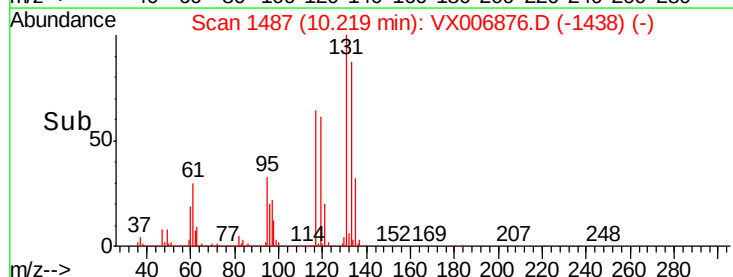
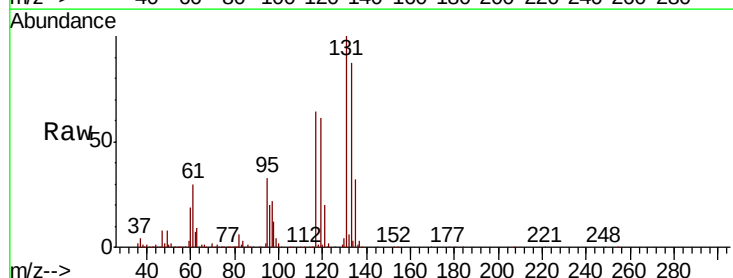
Tgt Ion:131 Resp: 104941

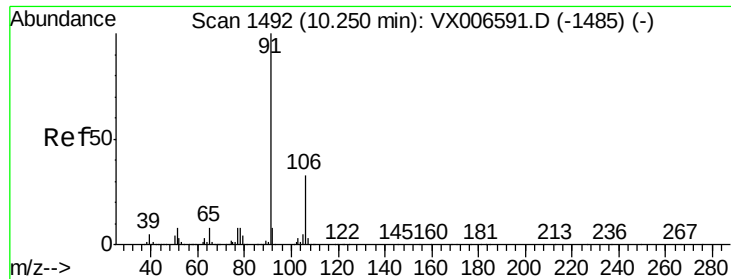
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

119 64.1 32.6 97.8





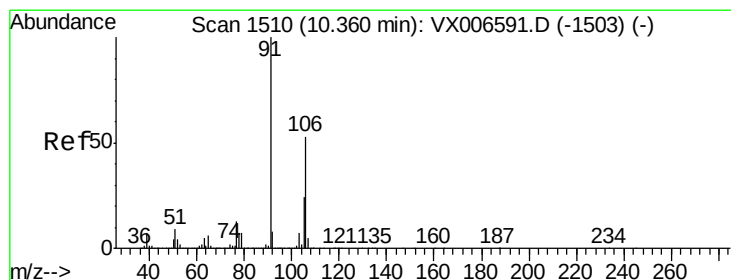
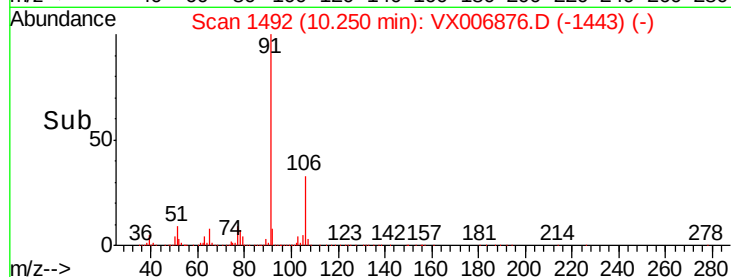
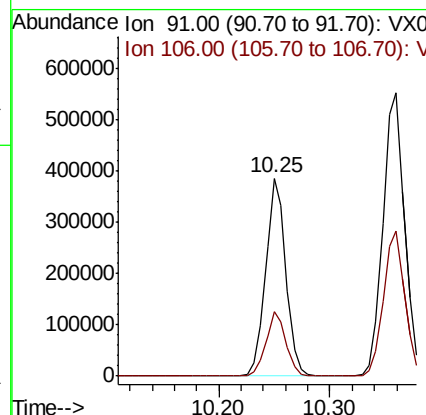
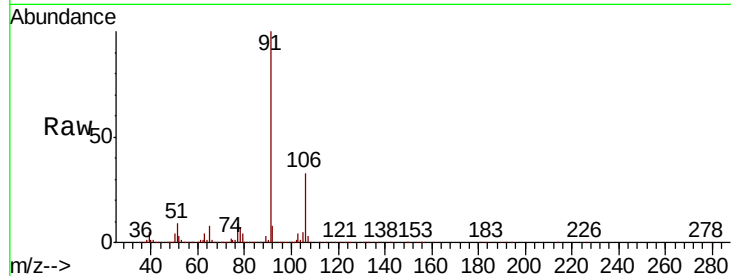
#67
Ethyl Benzene
Concen: 19.167 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion: 91 Resp: 489334
Ion Ratio Lower Upper
91 100
106 32.7 26.4 39.6

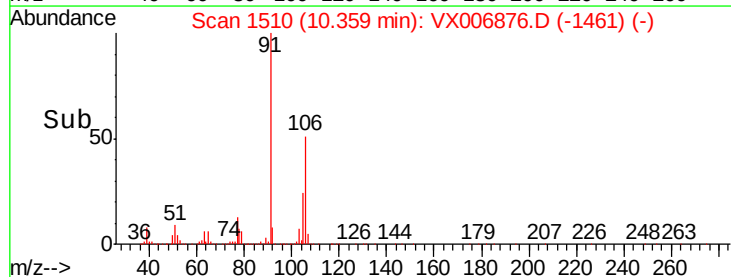
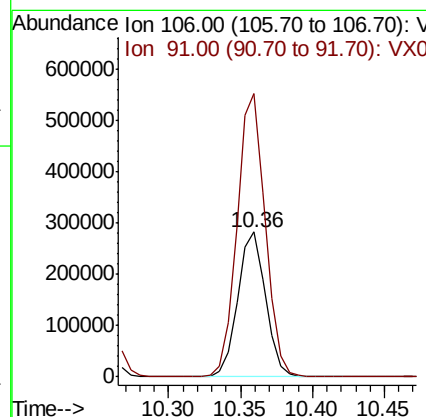
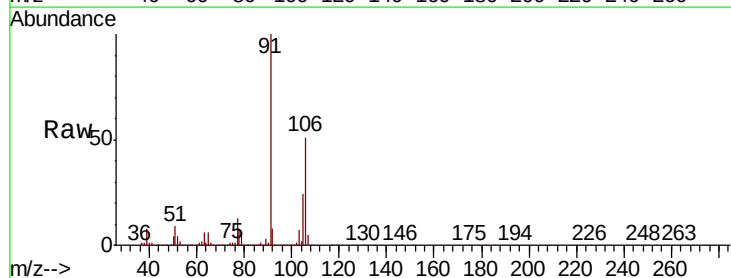
Manual Integrations
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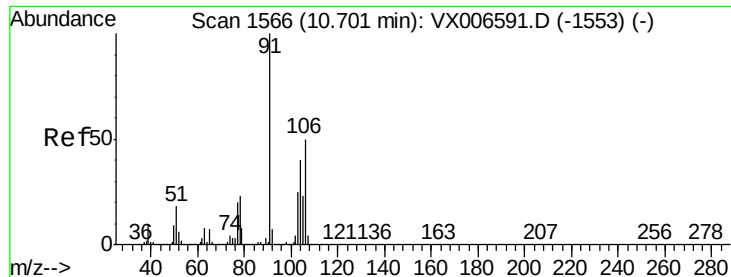
MMDadoda
1/3/2019 9:43:12 AM



#68
m/p-Xylenes
Concen: 37.825 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 106 Resp: 381065
Ion Ratio Lower Upper
106 100
91 198.3 155.8 233.6





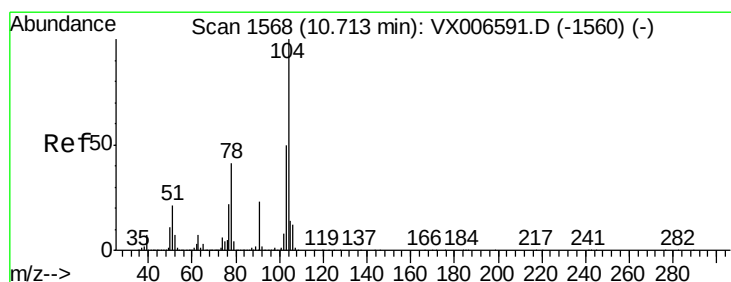
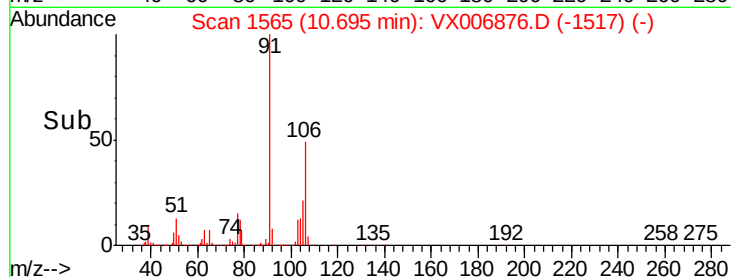
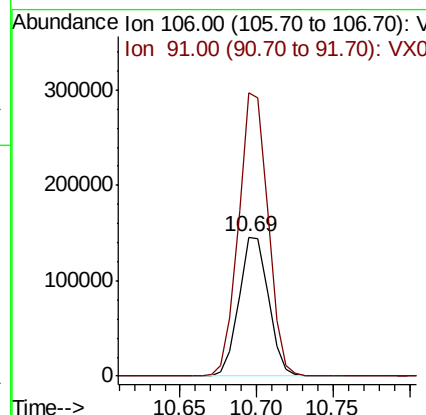
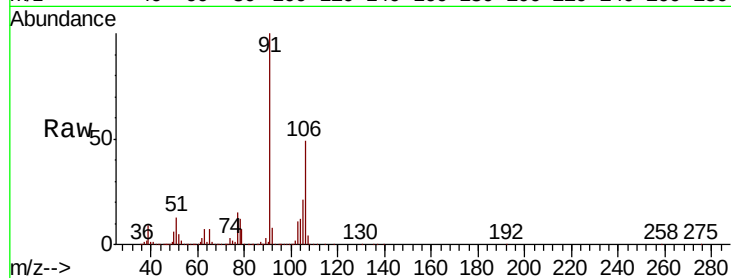
#69
o-Xylene
Concen: 19.631 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.6	101.3	303.7

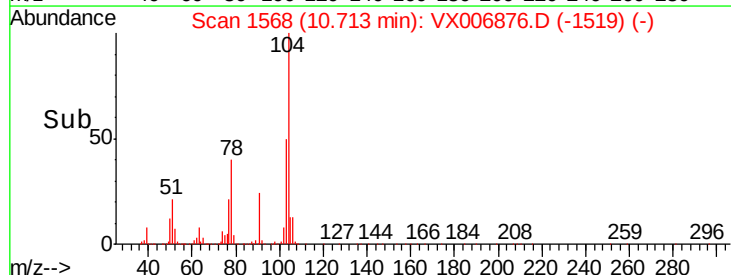
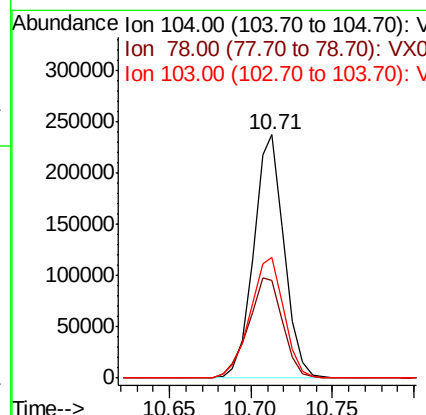
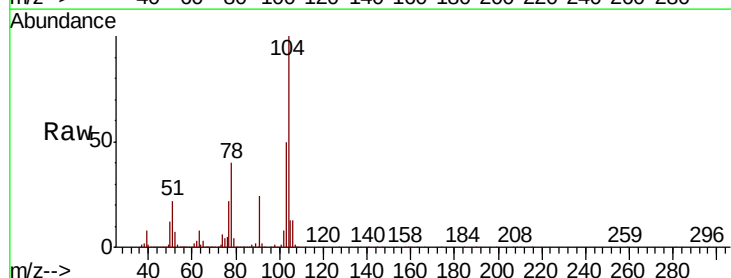
Manual Integrations
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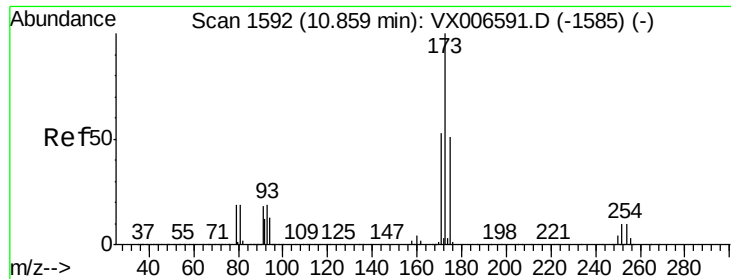
MMDadoda
1/3/2019 9:43:12 AM



#70
Styrene
Concen: 19.564 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.7	56.5
103	55.2	43.8	65.8





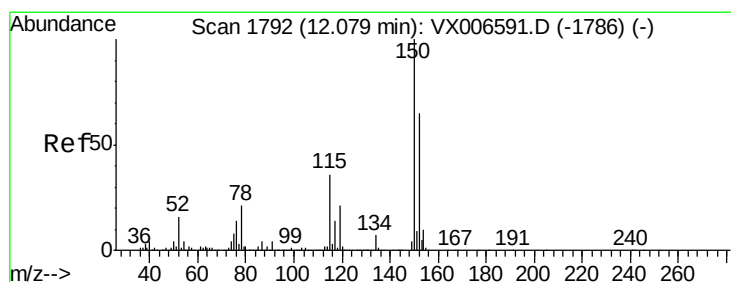
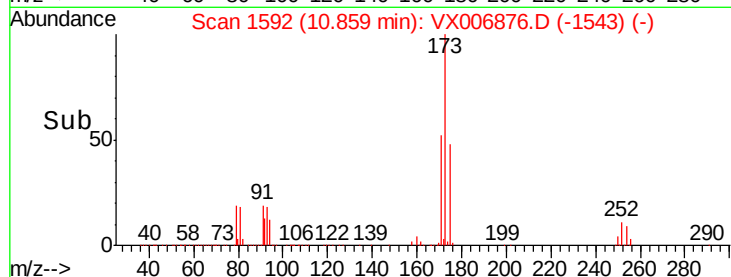
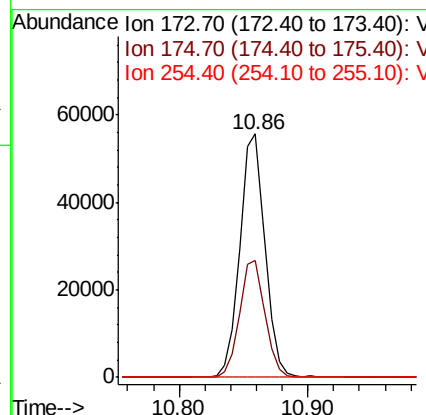
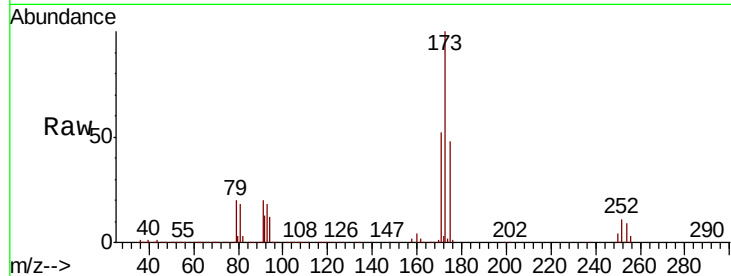
#71
Bromoform
Concen: 20.144 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

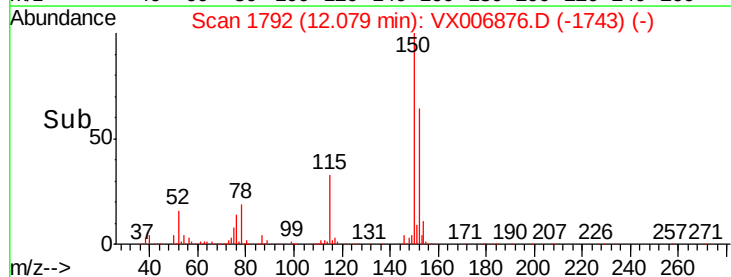
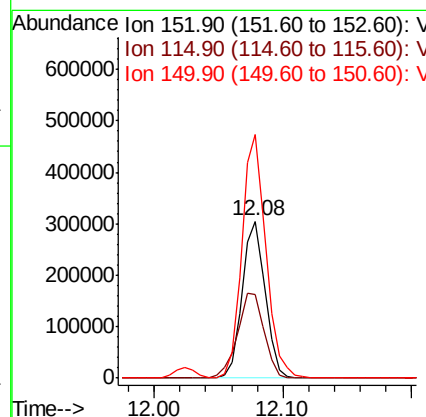
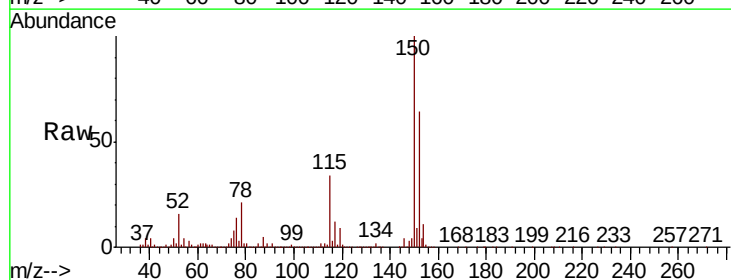
Manual Integrations
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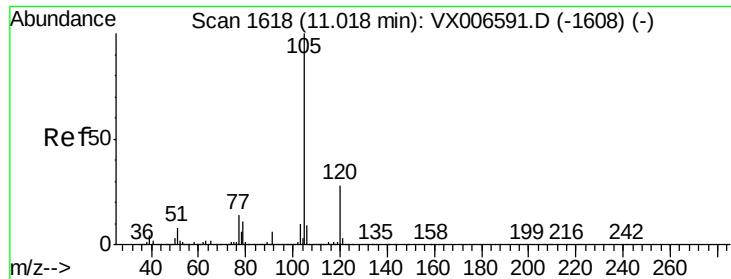
MMDadoda
1/3/2019 9:43:12 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	39.1	117.2
150	161.6	0.0	344.8





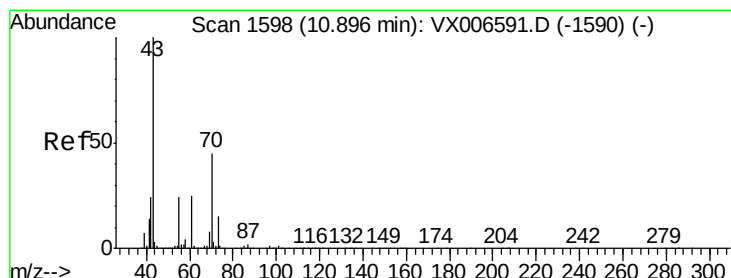
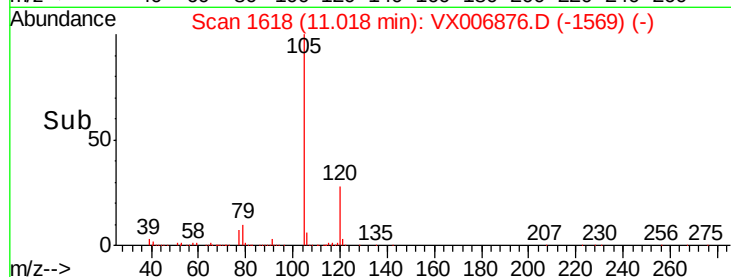
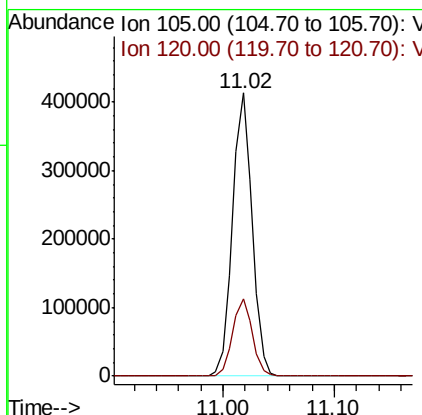
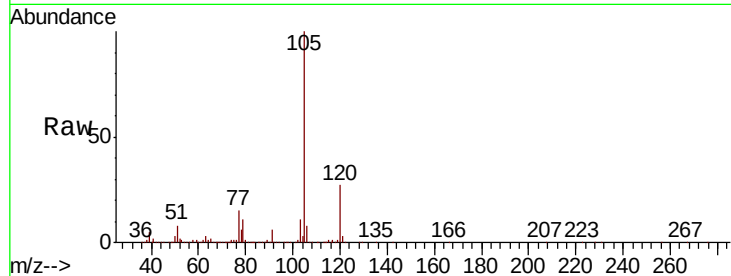
#73
Isopropylbenzene
Concen: 19.518 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	14.1	42.4

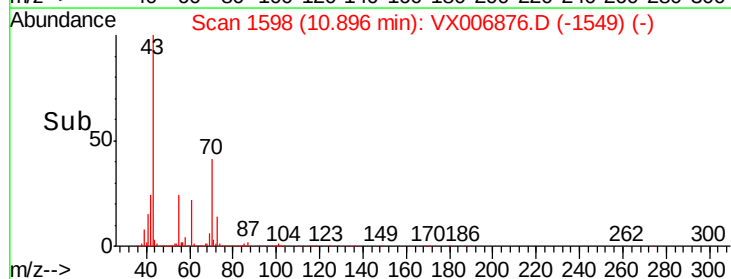
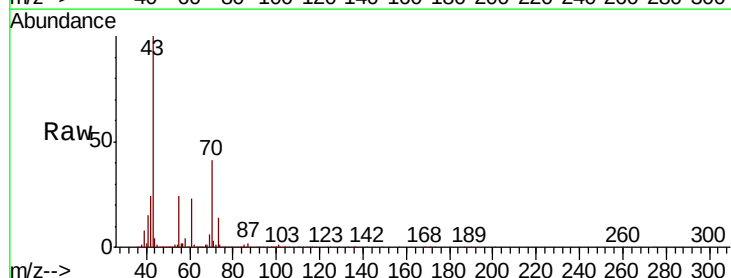
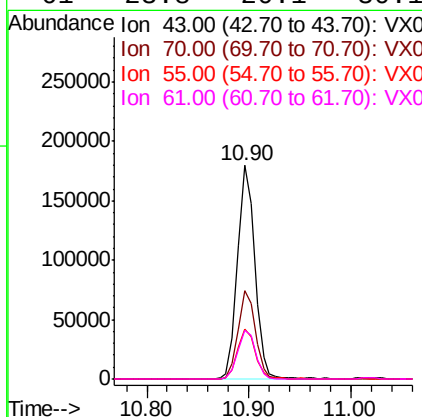
Manual Integrations
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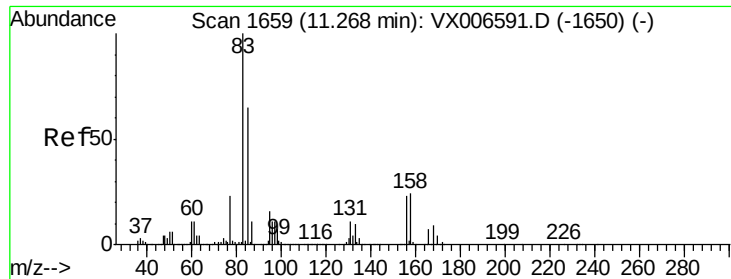
MMDadoda
1/3/2019 9:43:12 AM



#74
N-ethyl acetate
Concen: 22.682 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.5	35.8	53.8
55	24.0	19.4	29.0
61	23.8	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.102 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

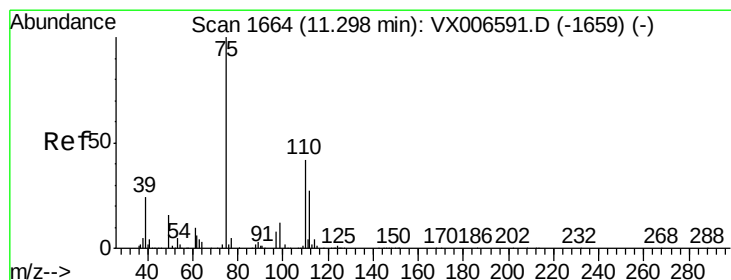
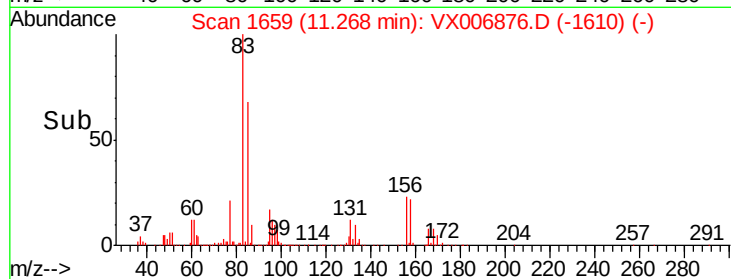
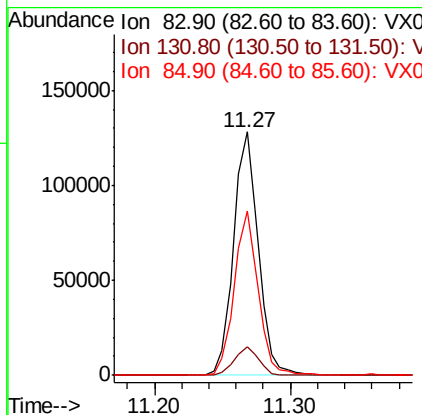
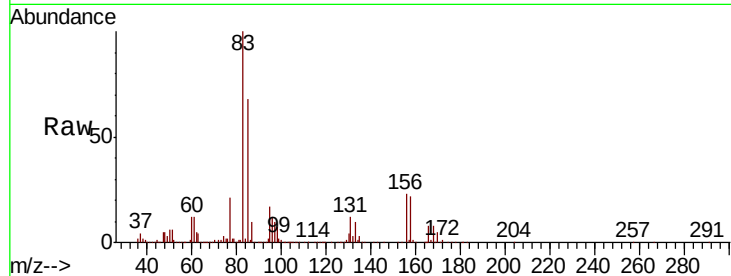
ClientSampled :

VX0102WBS01

Tot Ion:	83	Resp:	161657
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.1
85	65.6	32.2	96.6

Manual Integrations
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MMDadoda
1/3/2019 9:43:12 AM



#76

1,2,3-Trichloropropane

Concen: 21.888 ug/l m

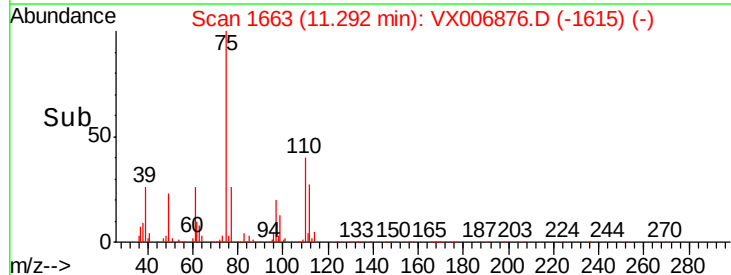
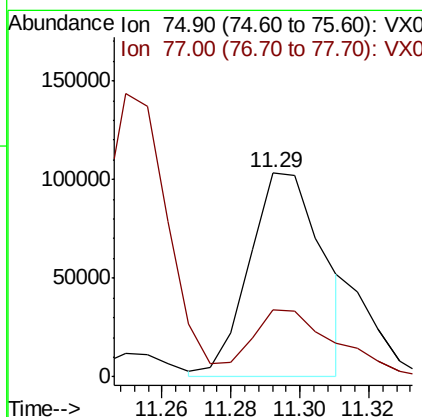
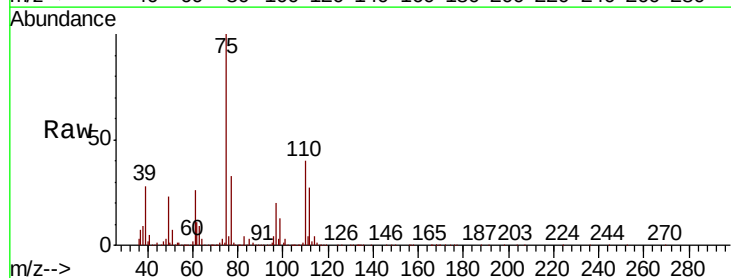
RT: 11.29 min Scan# 1663

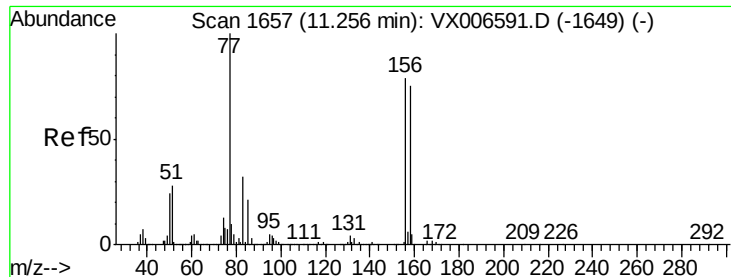
Delta R.T. -0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	75	Resp:	153156
Ion Ratio	Lower	Upper	
75	100		
77	38.3	18.5	55.5





#77

Bromobenzene

Concen: 20.061 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

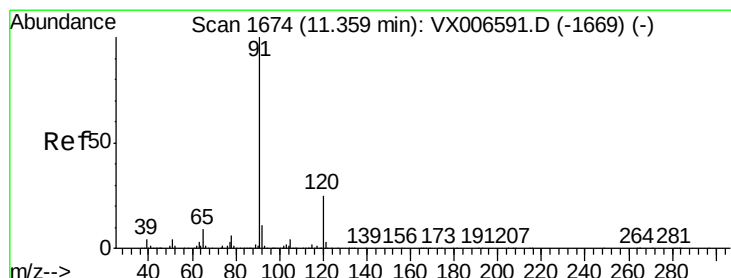
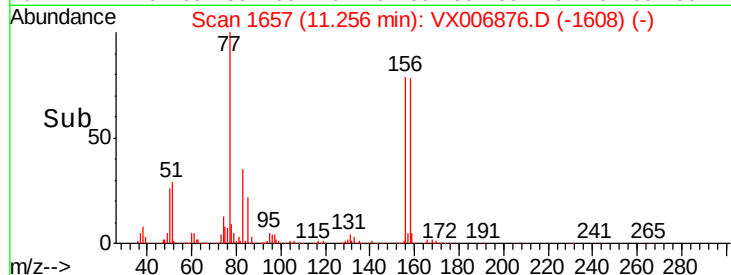
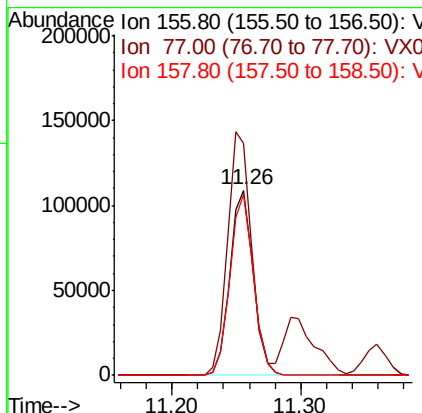
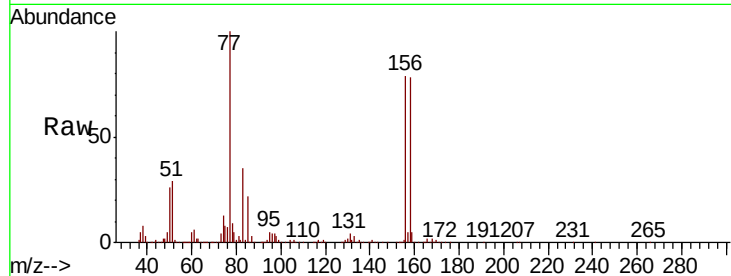
ClientSampleId :

VX0102WBS01

Tot Ion:	156	Resp:	139701
Ion Ratio	Lower	Upper	
156	100		
77	133.2	68.0	204.0
158	98.1	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.587 ug/l

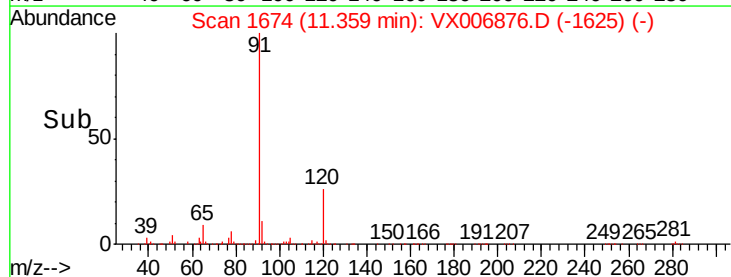
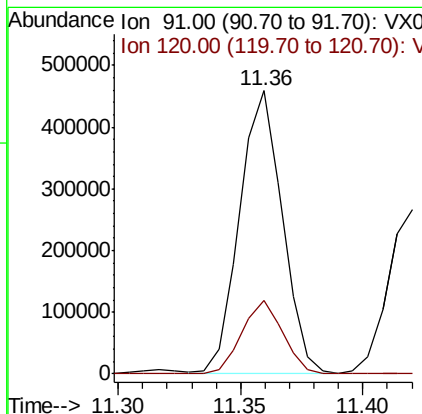
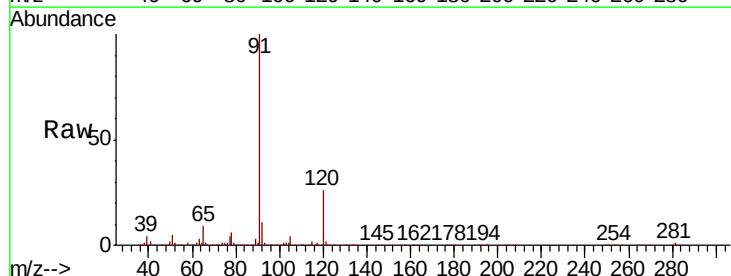
RT: 11.36 min Scan# 1674

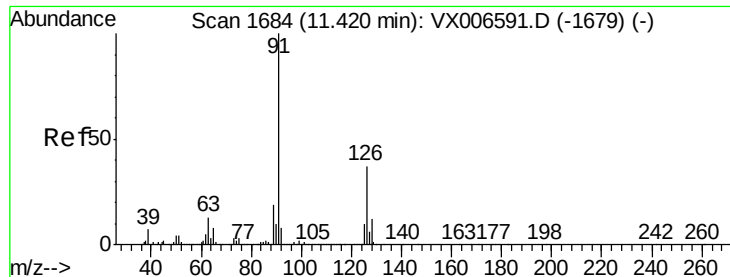
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	91	Resp:	555577
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.191 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0102WBS01

Tot Ion: 91 Resp: 329878

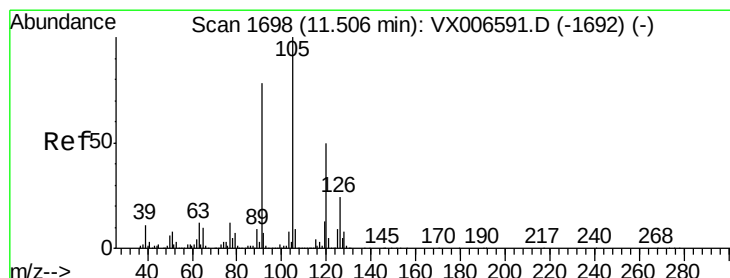
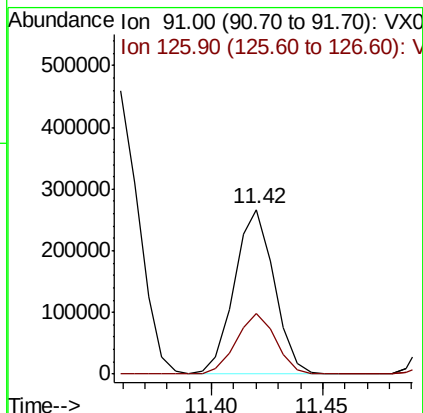
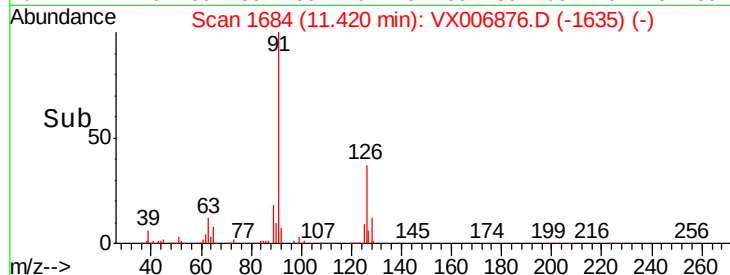
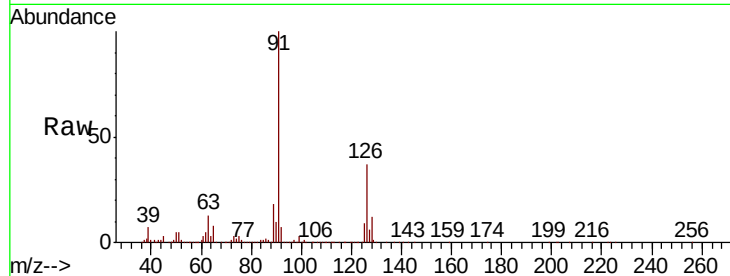
Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0

Manual Integrations
APPROVED

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1/3/2019 9:43:12 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.392 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006876.D

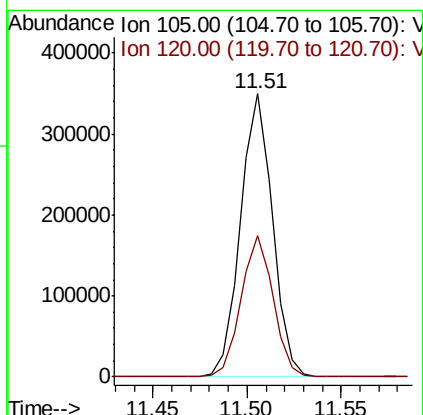
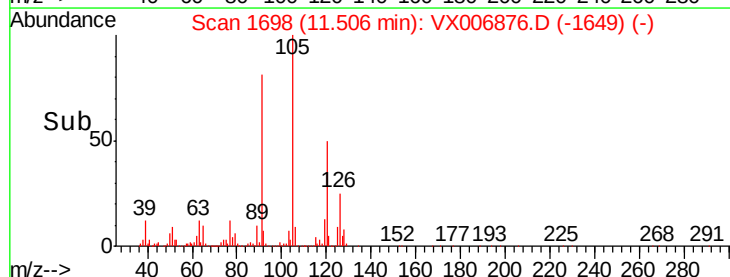
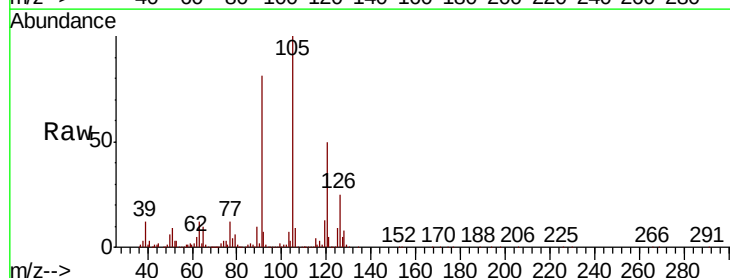
Acq: 02 Jan 2019 12:45

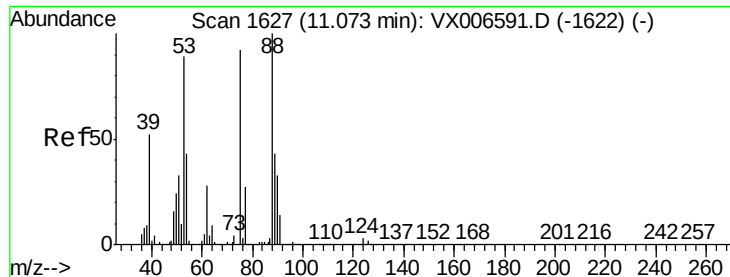
Tgt Ion: 105 Resp: 411433

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3





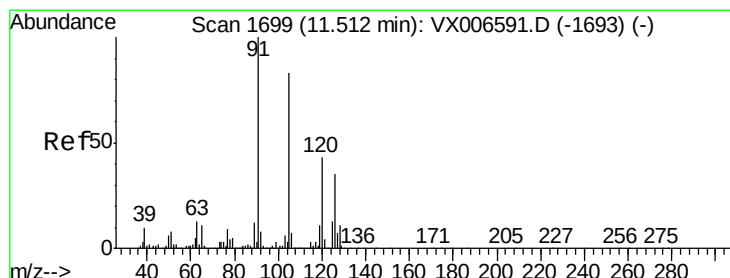
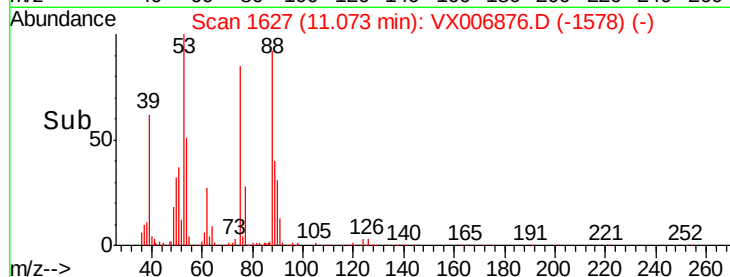
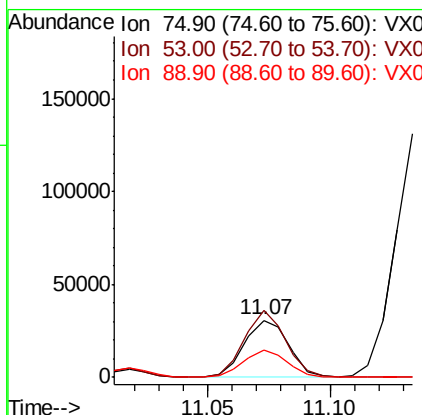
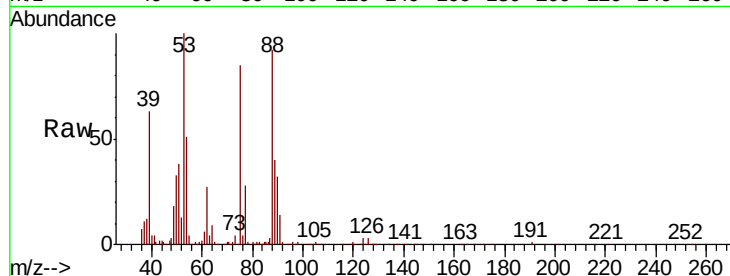
#81
trans-1,4-Dichloro-2-butene
Concen: 19.637 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.6	79.7	119.5
89	48.1	38.0	57.0

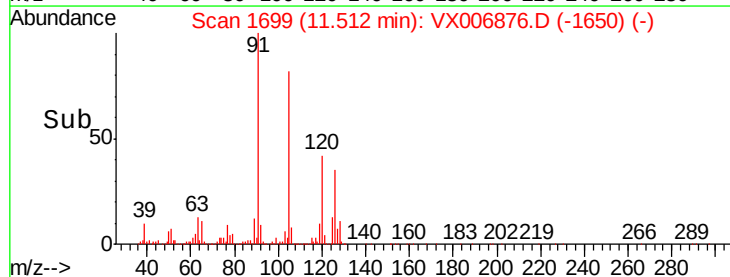
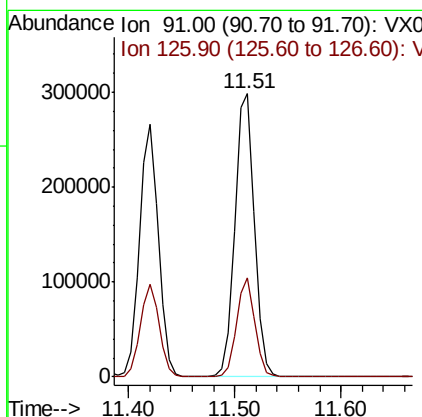
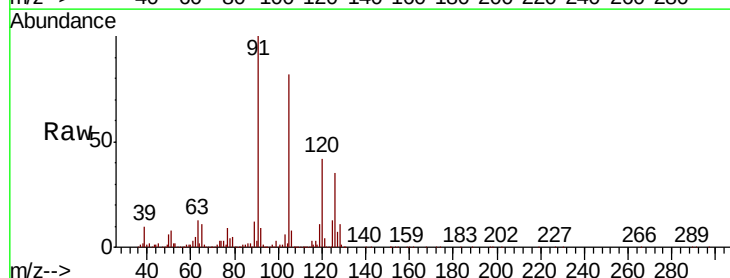
Manual Integrations
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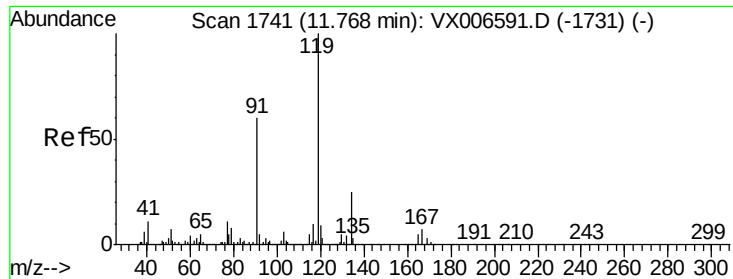
MMDadoda
1/3/2019 9:43:12 AM



#82
4-Chlorotoluene
Concen: 19.454 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.9





#83

tert-Butylbenzene

Concen: 19.147 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

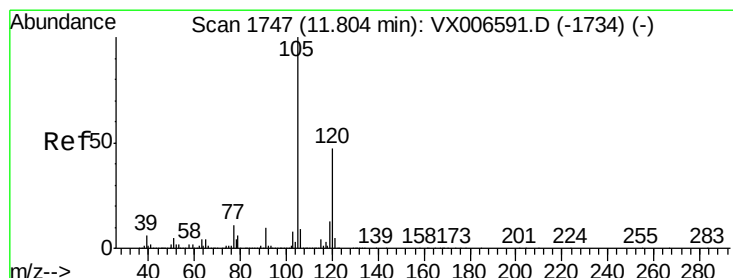
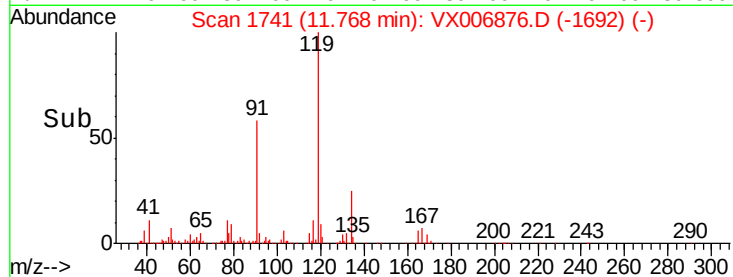
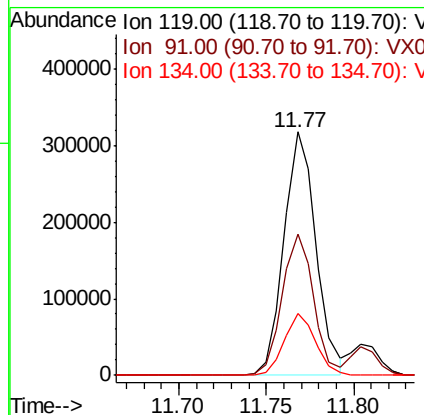
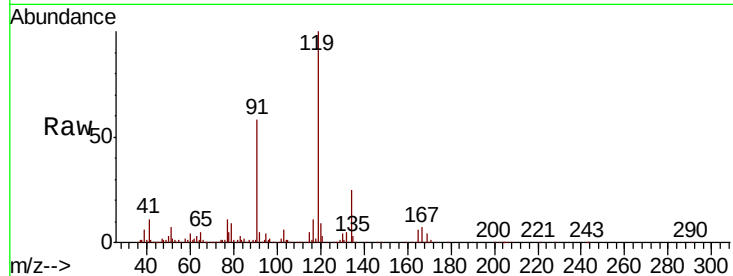
ClientSampleId :

VX0102WBS01

Tot Ion:	119	Resp:	406576
Ion Ratio	Lower	Upper	
119	100		
91	57.1	27.7	83.1
134	24.8	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.162 ug/l

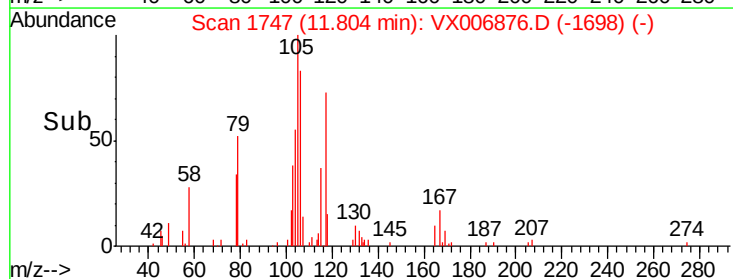
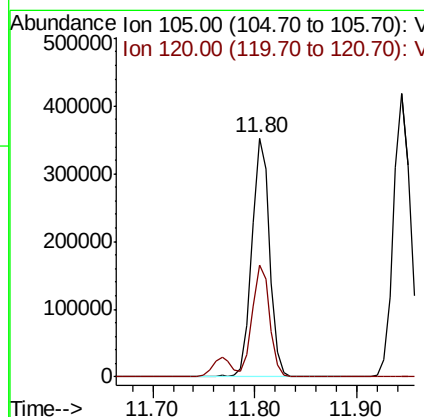
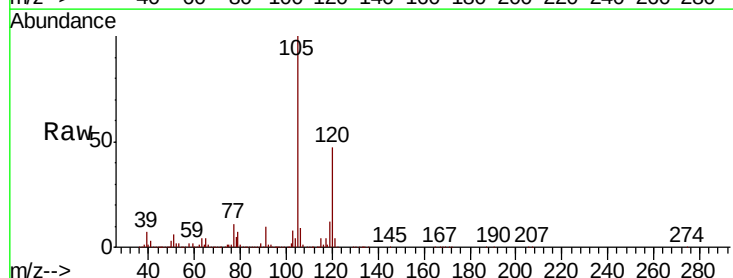
RT: 11.80 min Scan# 1747

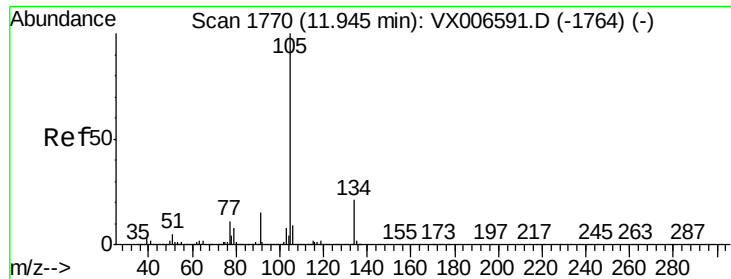
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	105	Resp:	427616
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 18.854 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

Tot Ion:105 Resp: 490859

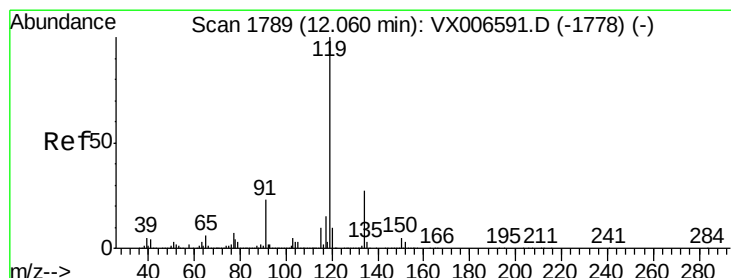
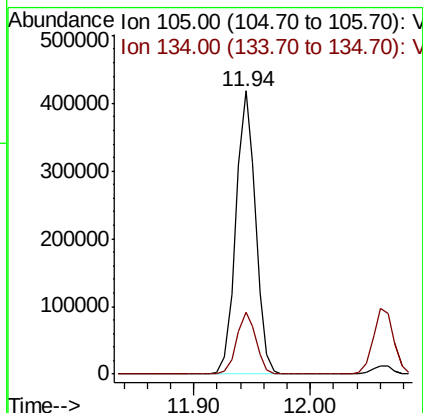
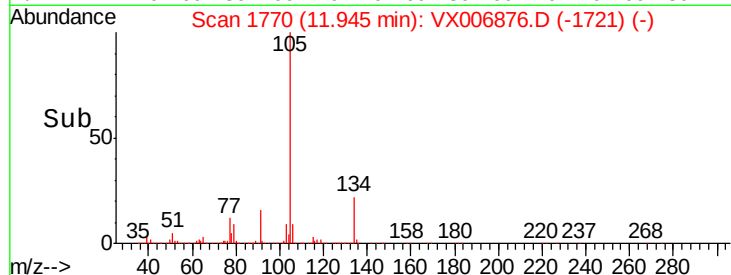
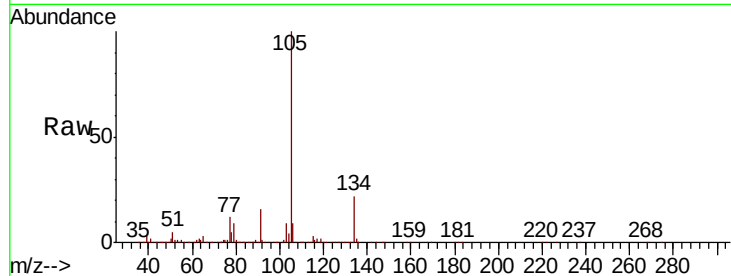
Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.244 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

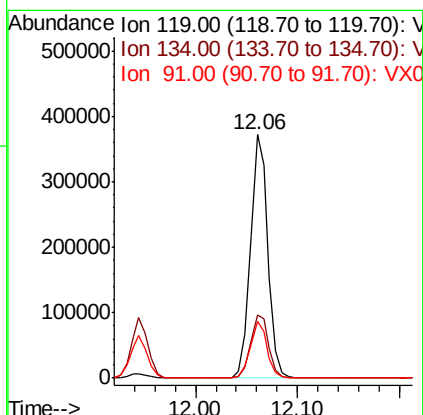
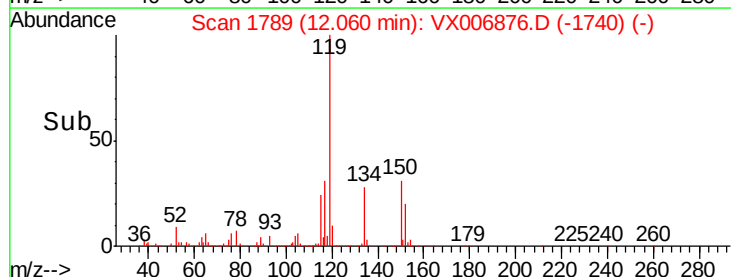
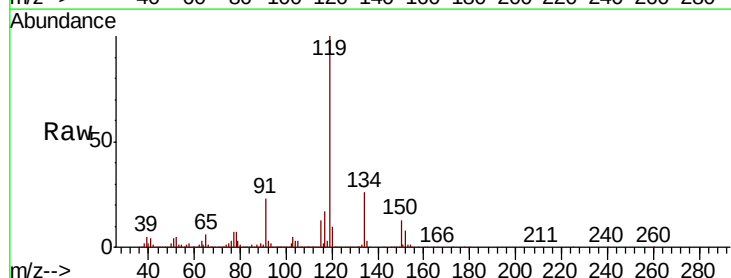
Tgt Ion:119 Resp: 440407

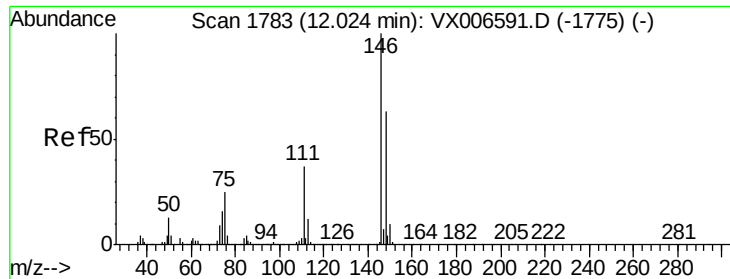
Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

91 22.5 11.3 33.9





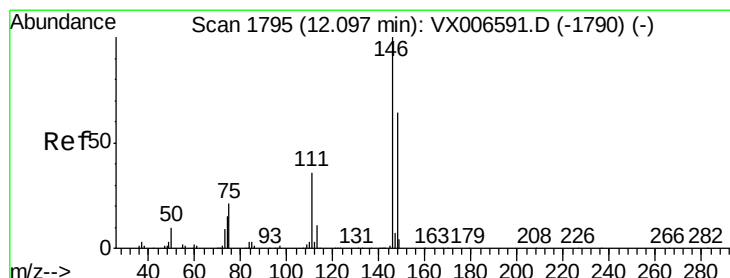
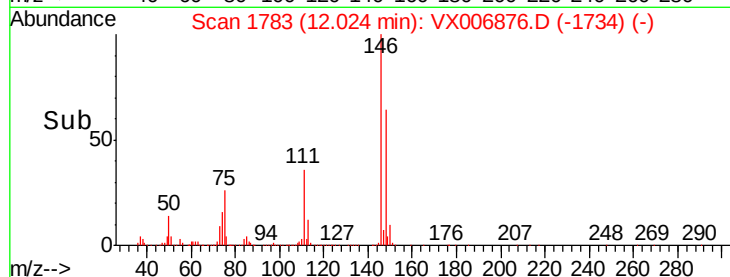
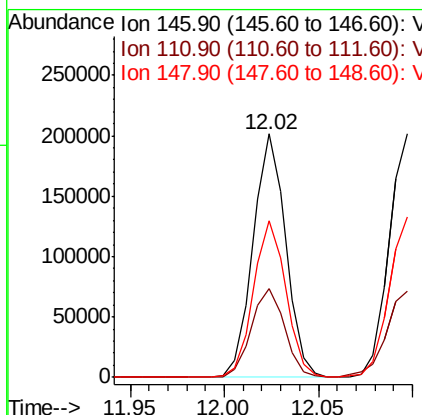
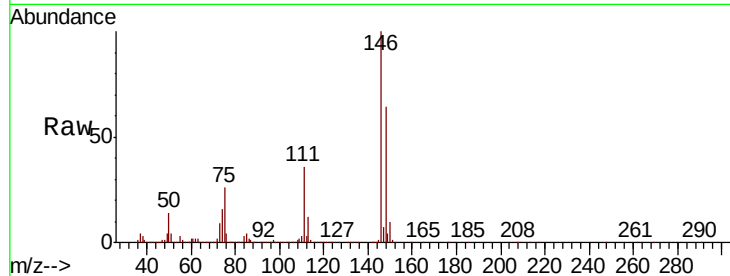
#87
 1,3-Dichlorobenzene
 Concen: 19.334 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0102WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	63.9	31.8	95.3

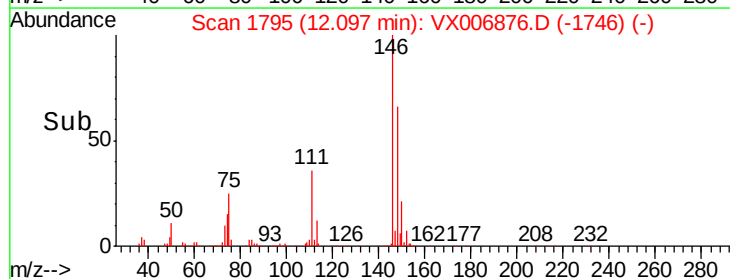
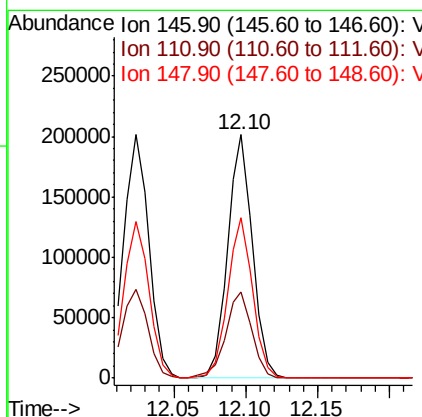
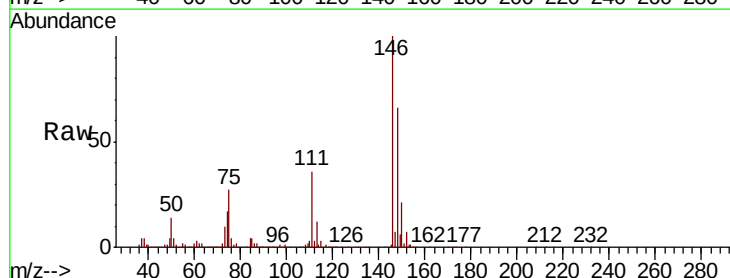
Manual Integrations
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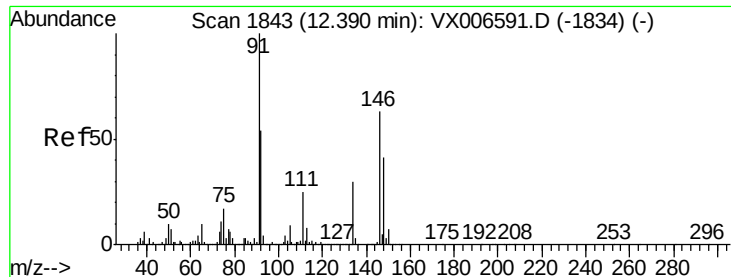
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 18.879 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	66.4	31.9	95.9





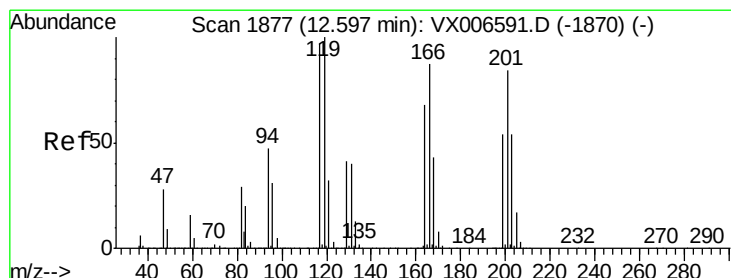
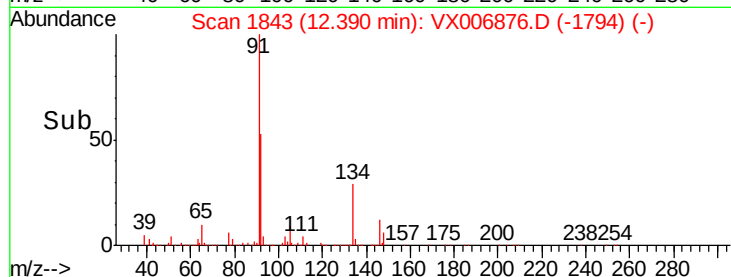
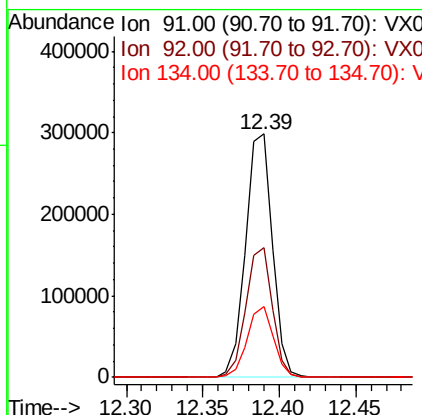
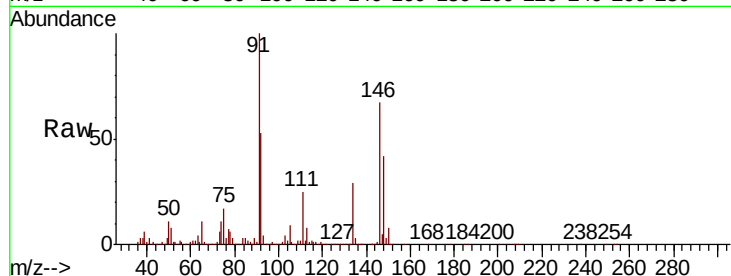
#89
n-Butylbenzene
Concen: 18.593 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampled :
VX0102WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.3	14.4	43.2

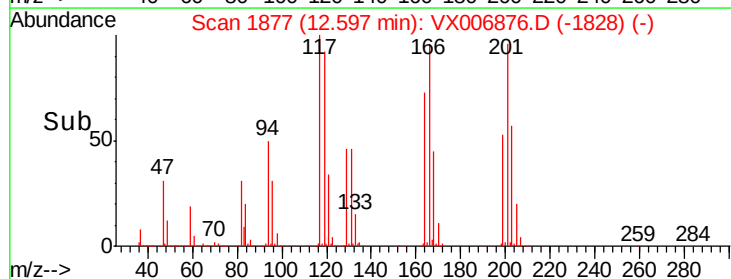
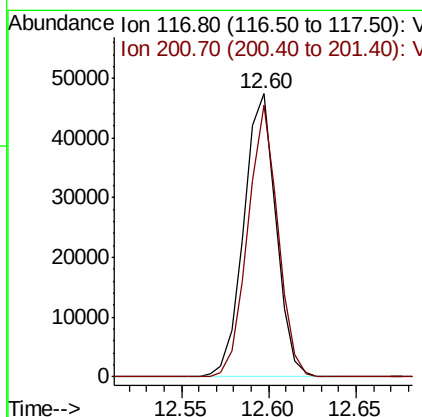
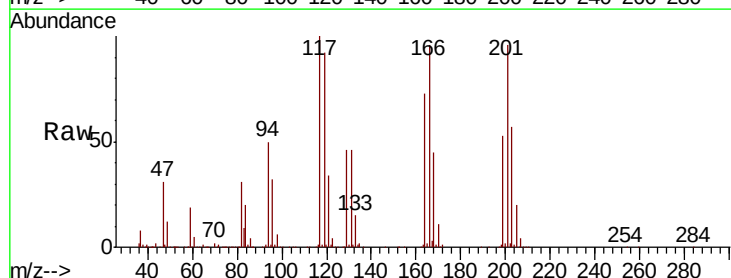
Manual Integrations
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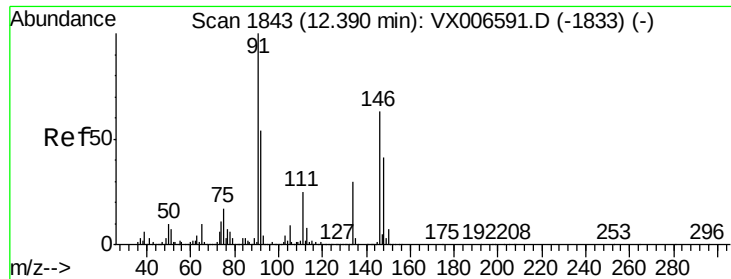
MMDadoda
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#90
Hexachloroethane
Concen: 19.192 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	42.9	128.7





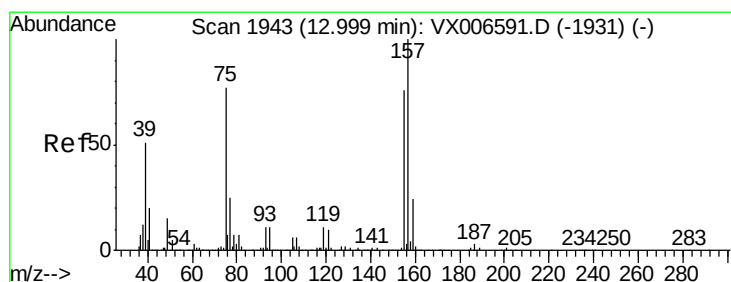
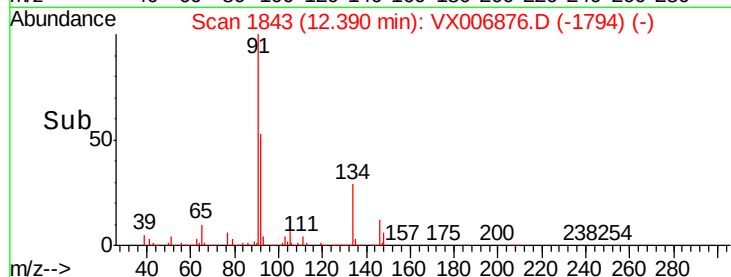
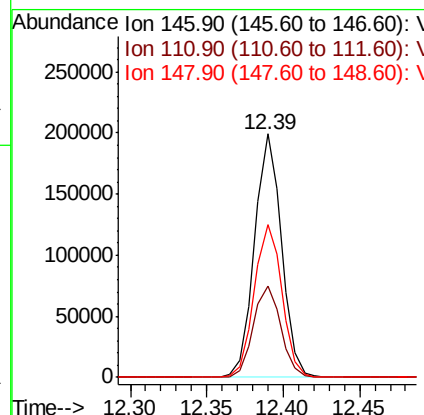
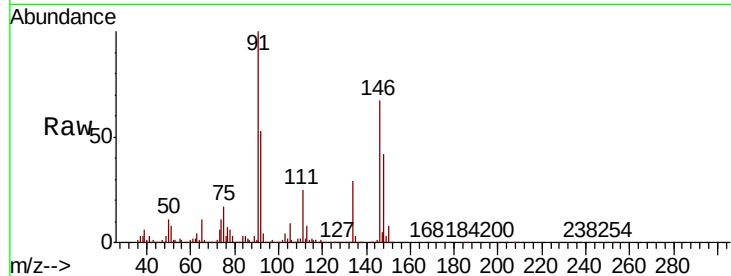
#91
 1,2-Dichlorobenzene
 Concen: 19.509 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0102WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	64.4	32.3	96.9

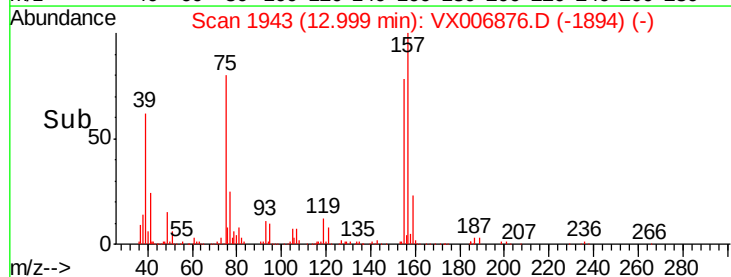
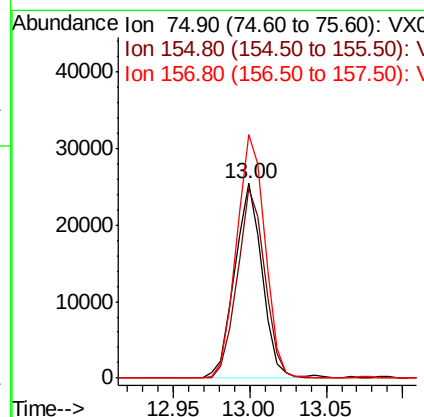
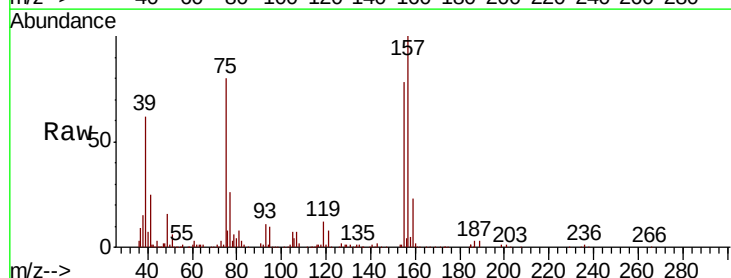
Manual Integrations
 APPROVED

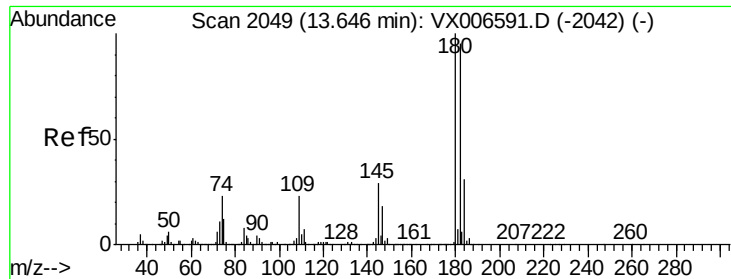
MMDadoda
 1/3/2019 9:43:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.095 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	50.6	151.8
157	128.8	64.6	193.8





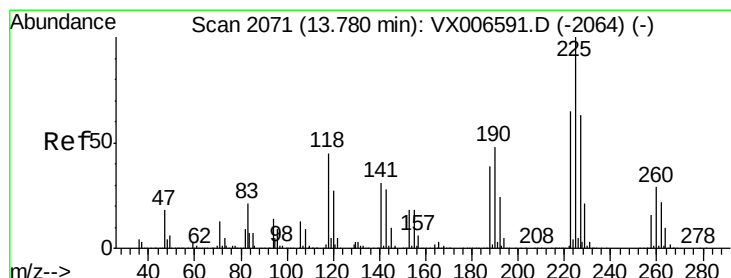
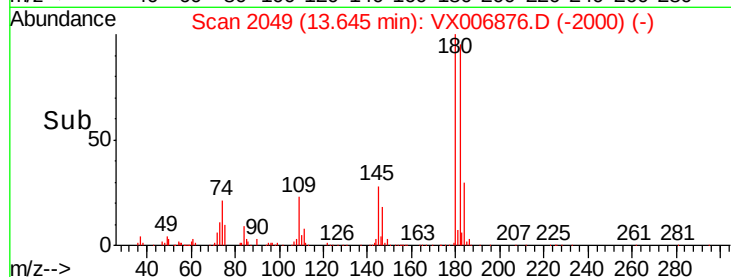
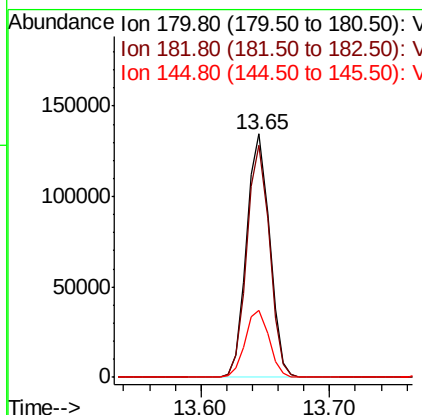
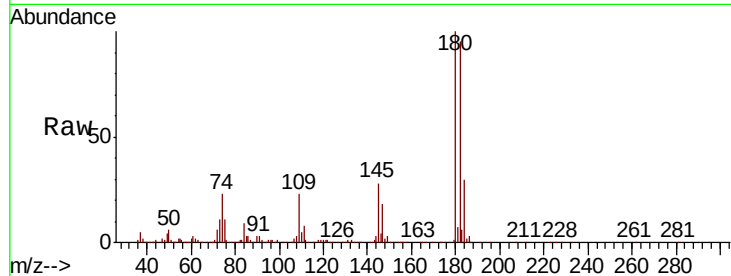
#93
 1,2,4-Trichlorobenzene
 Concen: 19.168 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	28.6	14.8	44.3

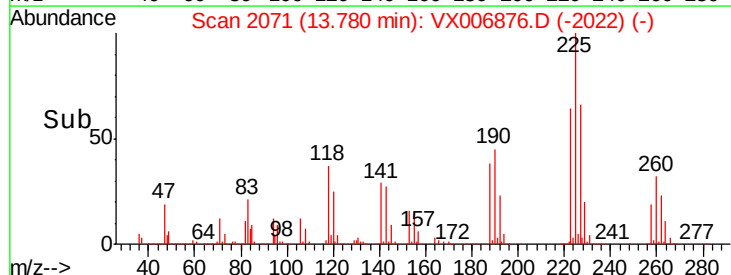
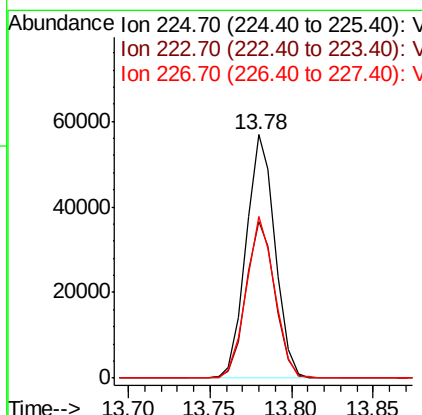
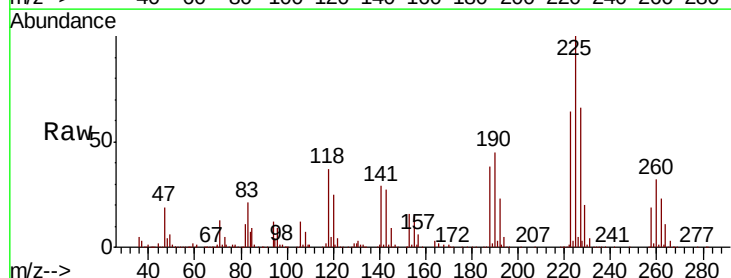
Manual Integrations
 APPROVED

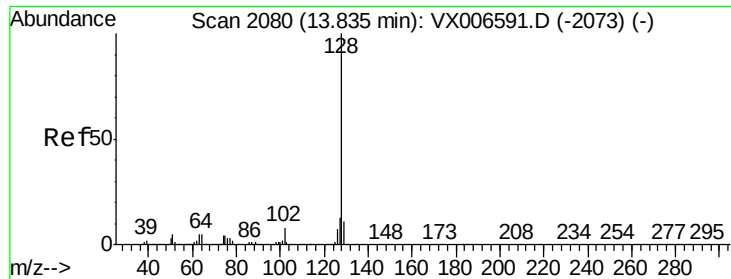
MMDadoda
 1/3/2019 9:43:12 AM



#94
 Hexachlorobutadiene
 Concen: 17.216 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.1	96.3
227	64.9	32.3	96.8





#95

Naphthalene

Concen: 18.049 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

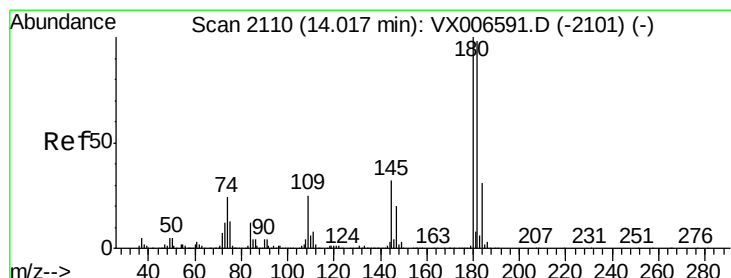
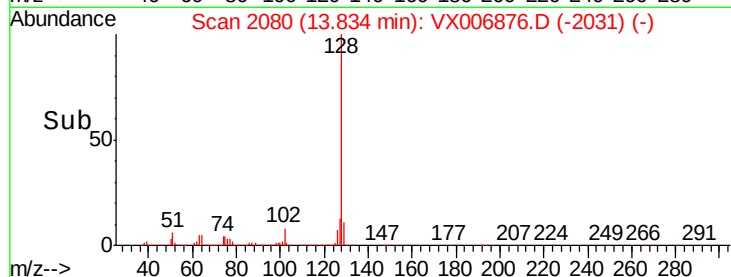
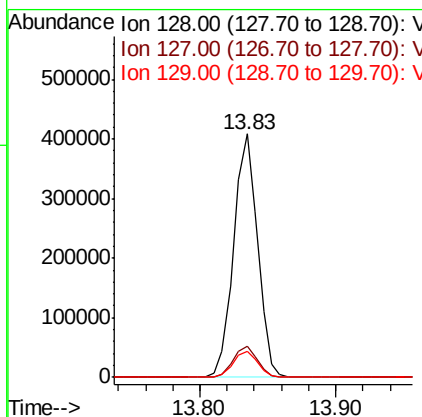
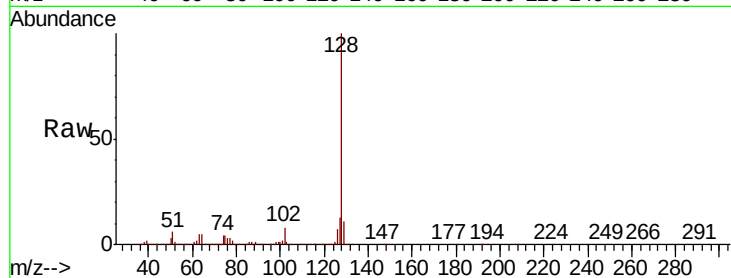
ClientSampled :

VX0102WBS01

Tot Ion:	128	Resp:	498899
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.221 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	180	Resp:	162932
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.5	145.5
145	31.1	16.0	47.9

