

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005599.D
 Acq On : 26 Oct 2018 12:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:08 PM

Quant Time: Oct 27 05:09:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	122090	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	5.50	113	97673	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.71	98	375763	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.14	95	142800	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129834	60.902	ug/l	99
3) Chloromethane	1.32	50	136682	50.345	ug/l	100
4) Vinyl Chloride	1.40	62	133367	49.959	ug/l	99
5) Bromomethane	1.64	94	82611	49.732	ug/l	98
6) Chloroethane	1.71	64	78149	45.825	ug/l	100
7) Trichlorofluoromethane	1.92	101	184963	49.864	ug/l	95
8) Diethyl Ether	2.19	74	68860	46.517	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104110	48.918	ug/l	98
10) Methyl Iodide	2.51	142	125233	55.996	ug/l	99
11) Tert butyl alcohol	3.08	59	167542	236.150	ug/l	100
12) 1,1-Dichloroethene	2.37	96	96389	47.542	ug/l	94
13) Acrolein	2.29	56	75917	209.769	ug/l	100
14) Allyl chloride	2.72	41	214307	47.362	ug/l	99
15) Acrylonitrile	3.15	53	363725	228.627	ug/l	99
16) Acetone	2.45	43	349985	251.216	ug/l	98
17) Carbon Disulfide	2.56	76	292753	47.369	ug/l	100
18) Methyl Acetate	2.78	43	171205	49.737	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	339185	46.900	ug/l	99
20) Methylene Chloride	2.85	84	108846	46.649	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	102455	46.283	ug/l	96
22) Diisopropyl ether	3.87	45	372415	47.131	ug/l #	93
23) Vinyl Acetate	3.82	43	1720702	247.260	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203161	47.291	ug/l	100
25) 2-Butanone	4.70	43	492614	232.200	ug/l	99
26) 2,2-Dichloropropane	4.58	77	150134	45.266	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	105538	44.223	ug/l	99
28) Bromochloromethane	5.02	49	93313	44.909	ug/l	98
29) Tetrahydrofuran	5.15	42	317343	229.854	ug/l	100
30) Chloroform	5.21	83	186701	46.460	ug/l	98
31) Cyclohexane	5.57	56	172211	48.449	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	164805	46.466	ug/l	99
36) 1,1-Dichloropropene	5.79	75	140761	48.178	ug/l	99
37) Ethyl Acetate	4.85	43	176420	47.319	ug/l	100
38) Carbon Tetrachloride	5.78	117	147921	48.070	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170219	52.761	ug/l	98
40) Benzene	6.14	78	409798	48.929	ug/l	99
41) Methacrylonitrile	5.06	41	96970	46.692	ug/l	99
42) 1,2-Dichloroethane	6.20	62	152027	47.782	ug/l	100
43) Isopropyl Acetate	6.46	43	261444	46.796	ug/l	99
44) Trichloroethene	7.21	130	112259	49.201	ug/l	98
45) 1,2-Dichloropropane	7.51	63	110018	48.860	ug/l	99
46) Dibromomethane	7.66	93	71886	49.430	ug/l	99
47) Bromodichloromethane	7.90	83	141012	49.958	ug/l	96
48) Methyl methacrylate	7.77	41	140382	51.578	ug/l	99
49) 1,4-Dioxane	7.75	88	60487	1016.947	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	952505	253.680	ug/l	100
52) Toluene	8.79	92	262104	51.493	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157361	51.584	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171327	52.165	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106821	49.776	ug/l	99
56) Ethyl methacrylate	9.18	69	165943	51.841	ug/l	100
57) 1,3-Dichloropropane	9.37	76	180248	49.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	455872	254.995	ug/l	100
59) 2-Hexanone	9.50	43	769704	259.997	ug/l	100
60) Dibromochloromethane	9.59	129	115444	51.560	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112160	50.519	ug/l	100
64) Tetrachloroethene	9.34	164	120157	50.977	ug/l	99
65) Chlorobenzene	10.14	112	297188	49.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	108475	49.203	ug/l	99
67) Ethyl Benzene	10.25	91	511056	51.373	ug/l	100
68) m/p-Xylenes	10.36	106	399813	103.592	ug/l	99
69) o-Xylene	10.70	106	188244	51.842	ug/l	100
70) Styrene	10.71	104	323243	53.178	ug/l	100
71) Bromoform	10.86	173	97314	49.465	ug/l	99
73) Isopropylbenzene	11.02	105	523240	51.016	ug/l	99
74) N-amyl acetate	10.90	43	248245	48.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	177021	46.782	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171517m	48.247	ug/l	
77) Bromobenzene	11.26	156	139528	48.814	ug/l	98
78) n-propylbenzene	11.36	91	618772	52.761	ug/l	99
79) 2-Chlorotoluene	11.42	91	363194	49.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	456996	52.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54338	49.944	ug/l	98
82) 4-Chlorotoluene	11.51	91	435915	50.839	ug/l	100
83) tert-Butylbenzene	11.77	119	442819	50.632	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	471519	53.026	ug/l	100
85) sec-Butylbenzene	11.94	105	541120	51.851	ug/l	99
86) p-Isopropyltoluene	12.07	119	497397	53.316	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	264778	49.260	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	271882	48.458	ug/l	99
89) n-Butylbenzene	12.39	91	446208	52.980	ug/l	100
90) Hexachloroethane	12.60	117	80287	49.898	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	263850	48.518	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43355	47.387	ug/l	98

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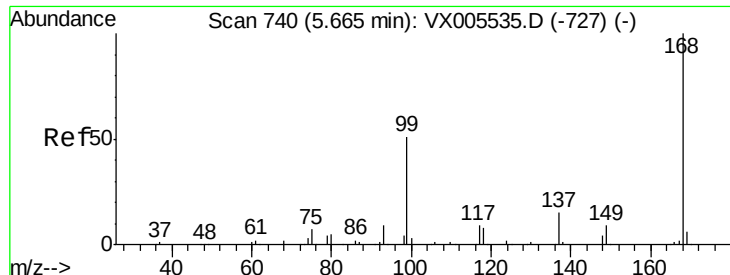
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	203237	51.555	ug/l	99
94) Hexachlorobutadiene	13.79	225	101697	49.781	ug/l	99
95) Naphthalene	13.83	128	599172	52.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	202560	50.690	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 215984

Ion Ratio Lower Upper

168 100

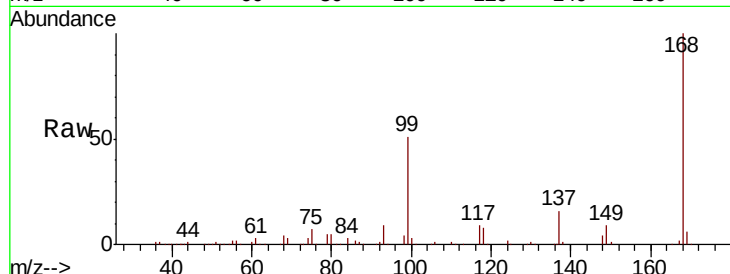
99 50.7 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

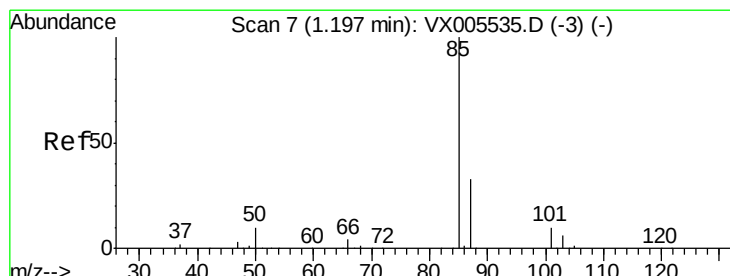
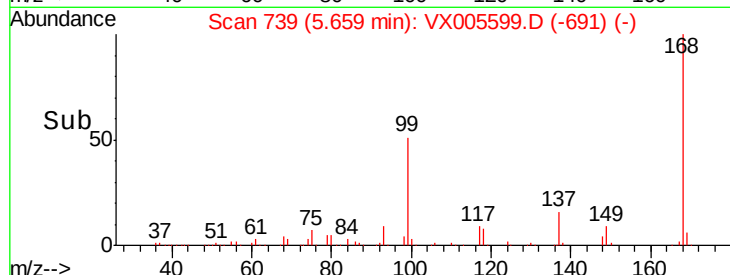
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 60.902 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005599.D

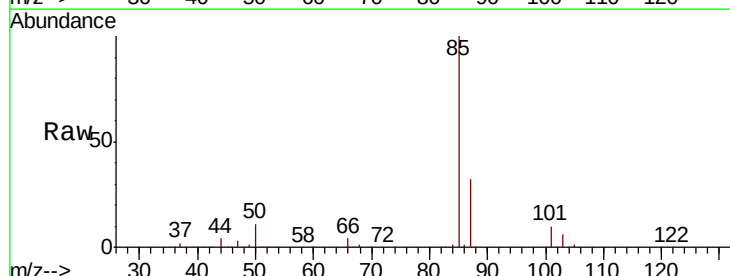
Acq: 26 Oct 2018 12:31

Tgt Ion: 85 Resp: 129834

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

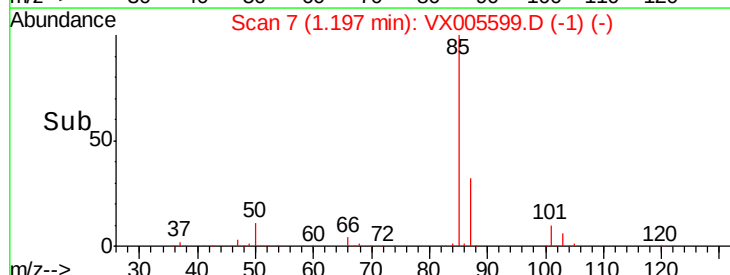
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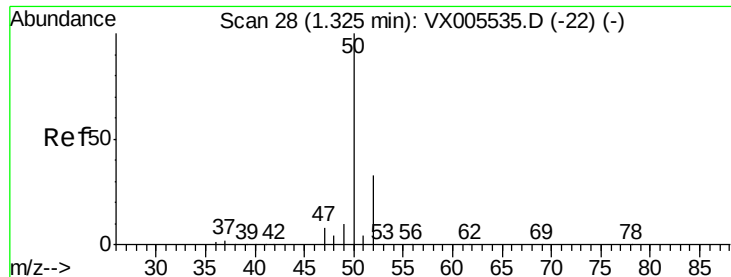
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.345 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 136682

Ion Ratio Lower Upper

50 100

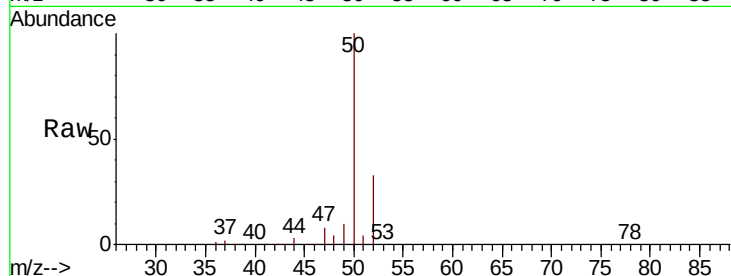
52 32.8 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

150000

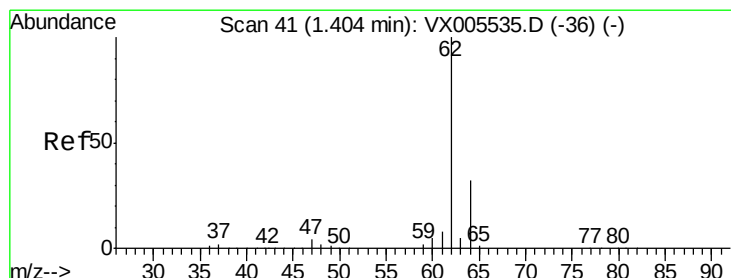
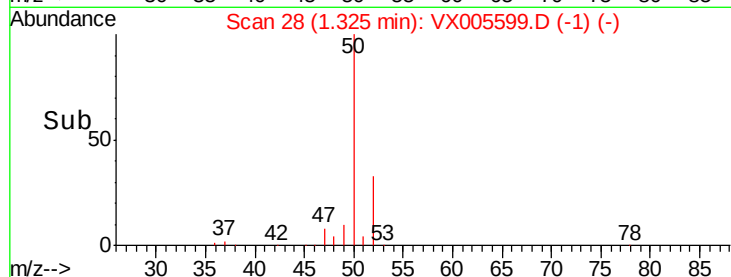
1.32

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 49.959 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005599.D

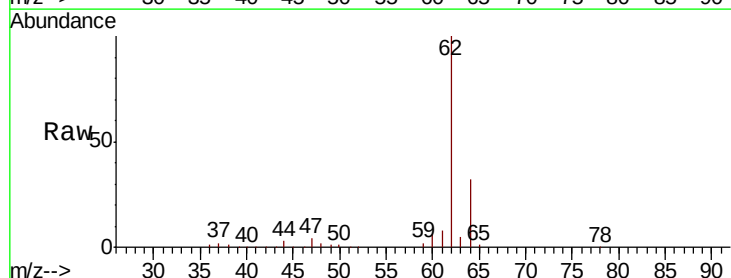
Acq: 26 Oct 2018 12:31

Tgt Ion: 62 Resp: 133367

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

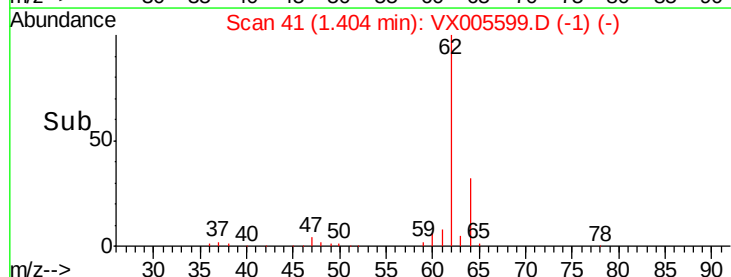
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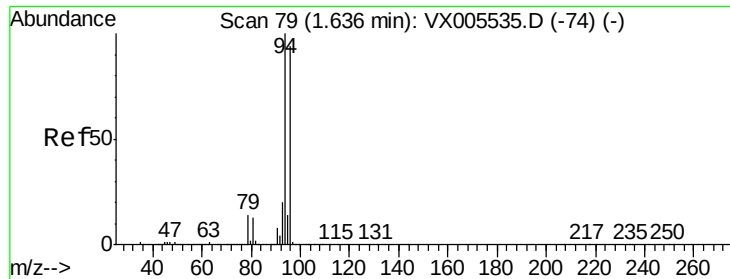
1.40

50000

0

Time--> 1.35 1.40 1.45 1.50 1.55





#5

Bromomethane

Concen: 49.732 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 82611

Ion Ratio Lower Upper

94 100

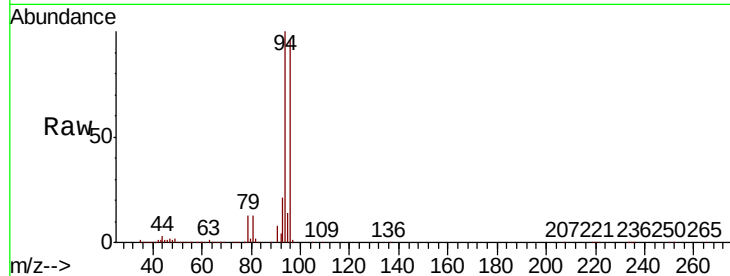
96 95.5 75.2 112.8

Manual Integrations

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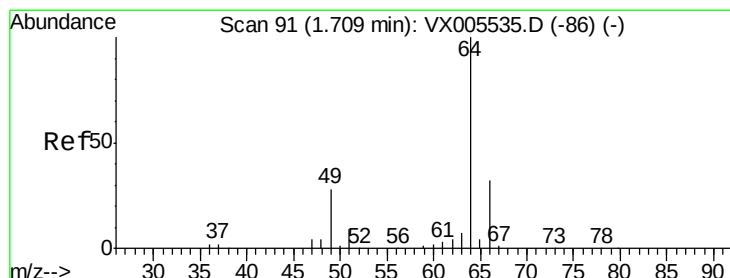
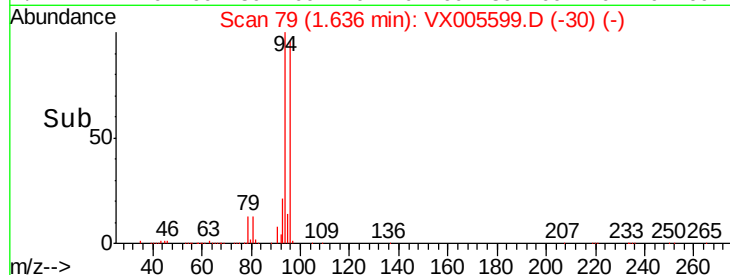
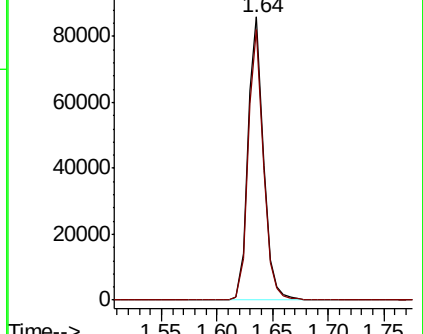
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.825 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX005599.D

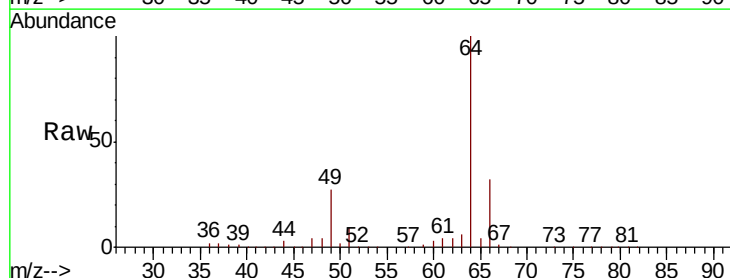
Acq: 26 Oct 2018 12:31

Tgt Ion: 64 Resp: 78149

Ion Ratio Lower Upper

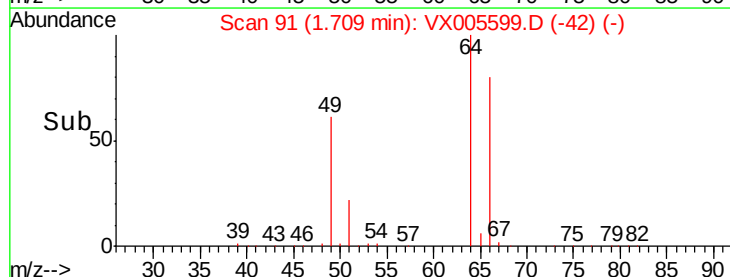
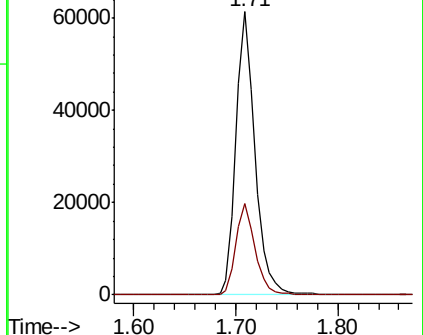
64 100

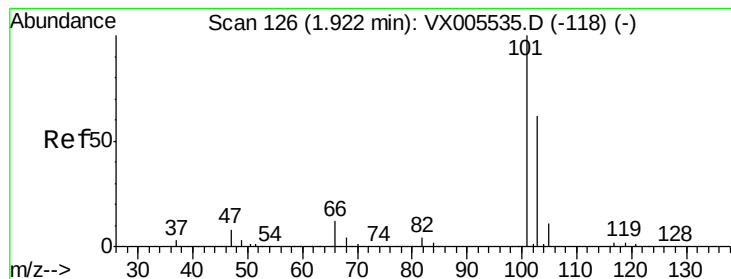
66 32.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

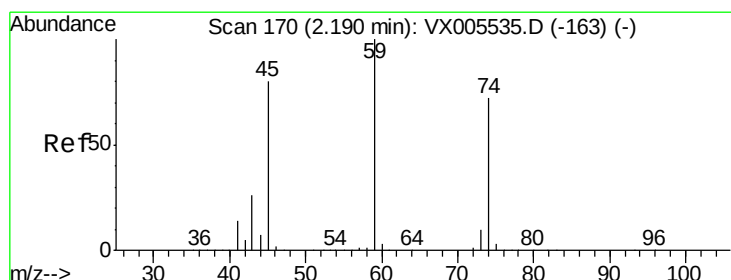
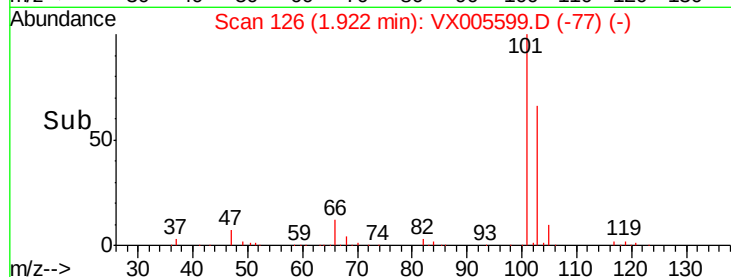
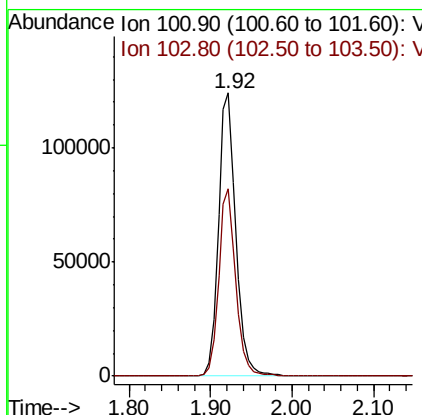
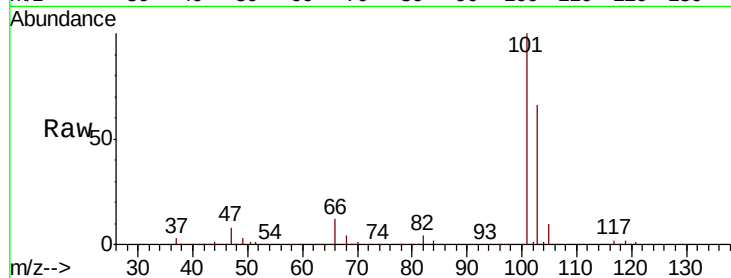
Trichlorofluoromethane
Concen: 49.864 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.0	75.0

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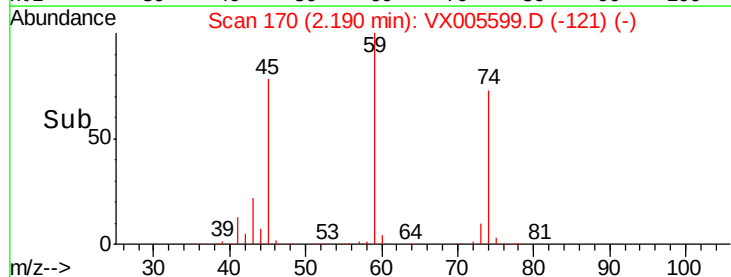
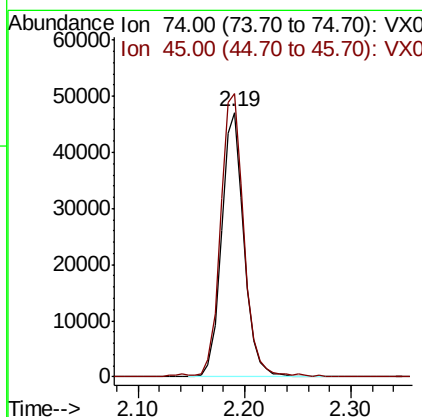
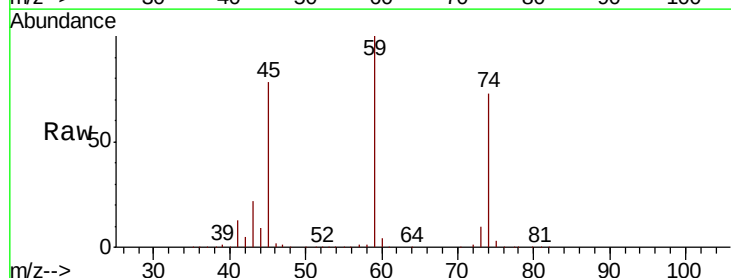
MMDadoda
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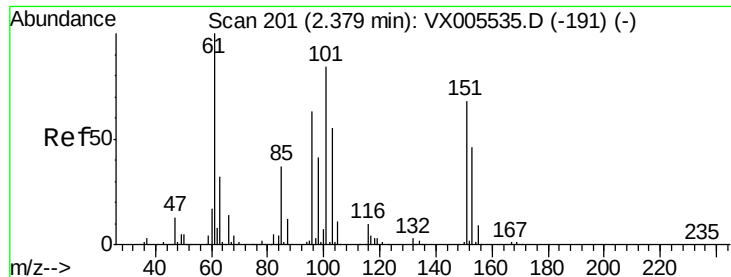


#8

Diethyl Ether
Concen: 46.517 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.5	54.1	162.3





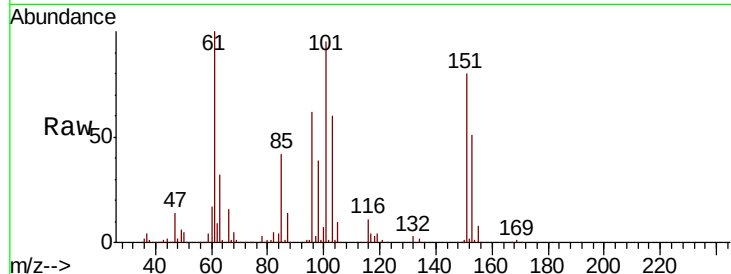
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.918 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

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MSVOA_X
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VSTDCCC050

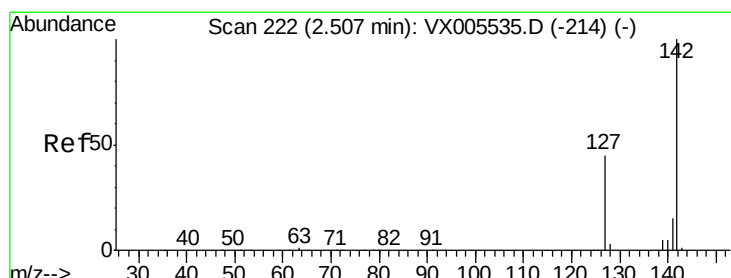
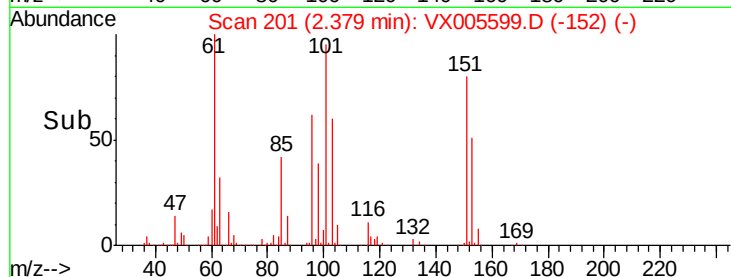
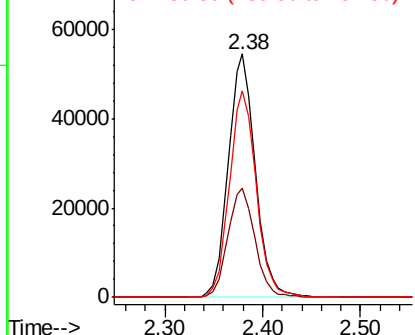
Tot Ion	Ratio	Resp	Lower	Upper
101	100	104110		
85	45.0	35.0	52.4	
151	84.9	66.2	99.2	

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MMDadoda
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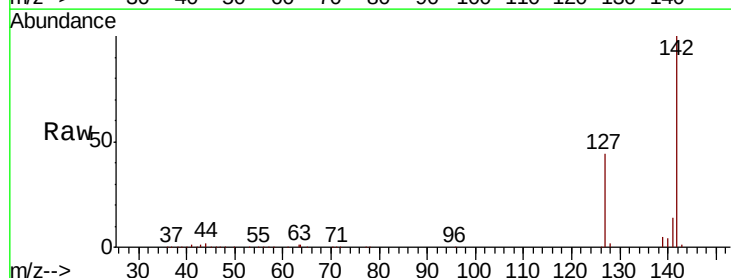


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

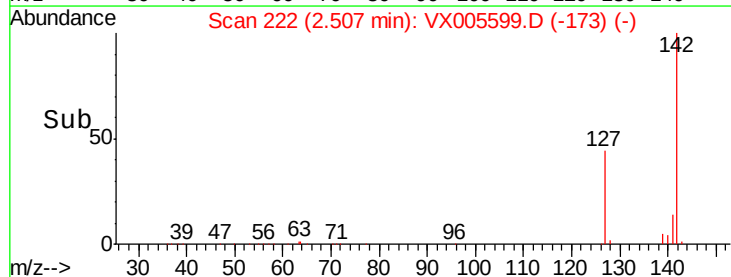
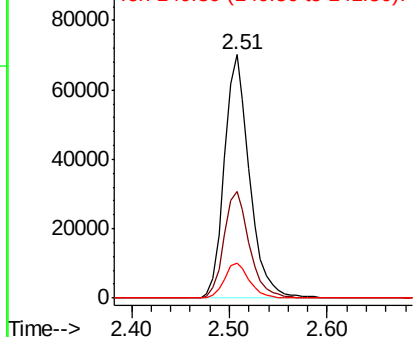


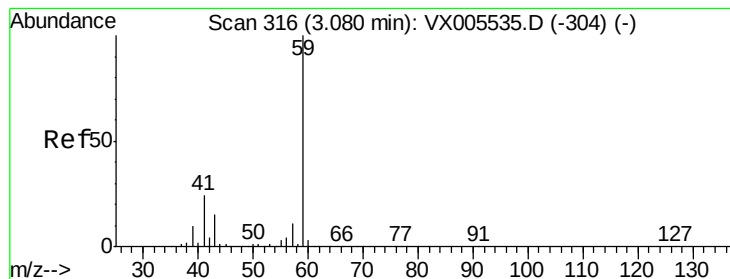
#10
Methyl Iodide
Concen: 55.996 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	125233		
127	44.6	36.0	54.0	
141	14.3	11.7	17.5	



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

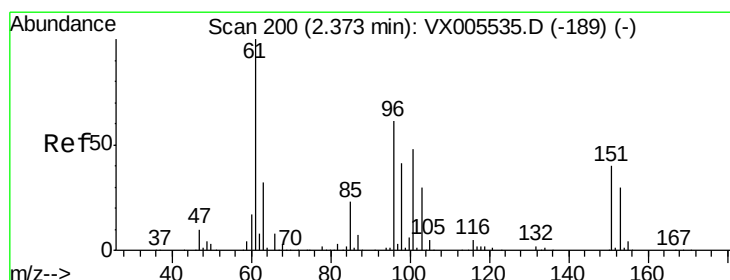
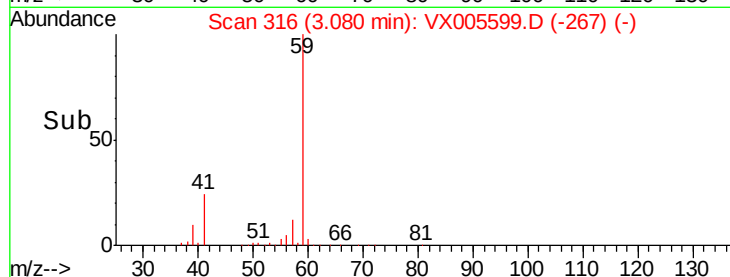
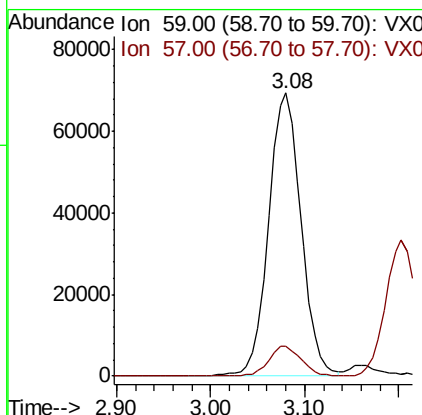
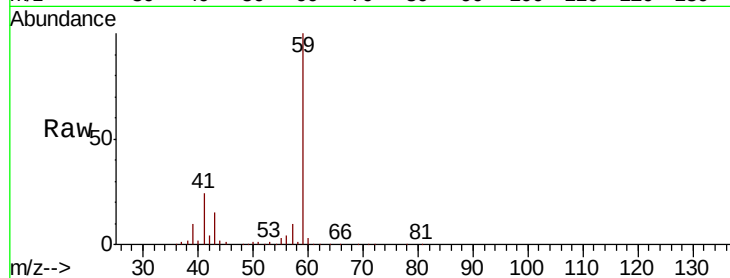
Tert butyl alcohol
 Concen: 236.150 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
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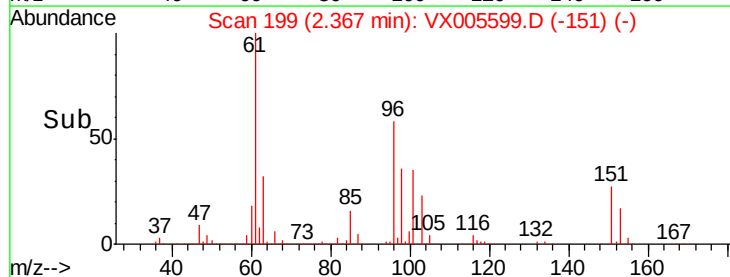
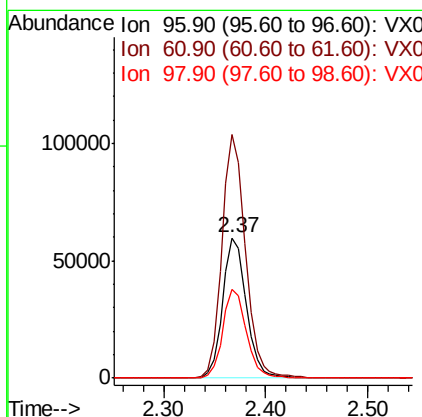
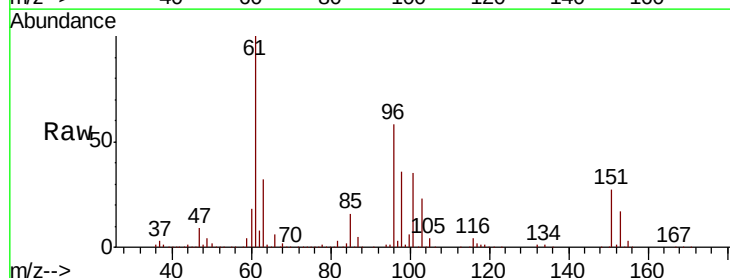
MMDadoda
 10/29/2018 12:43:08 PM

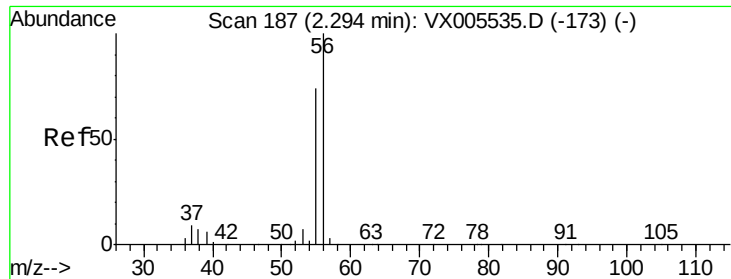


#12

1,1-Dichloroethene
 Concen: 47.542 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.9	131.8	197.8
98	63.0	53.4	80.2





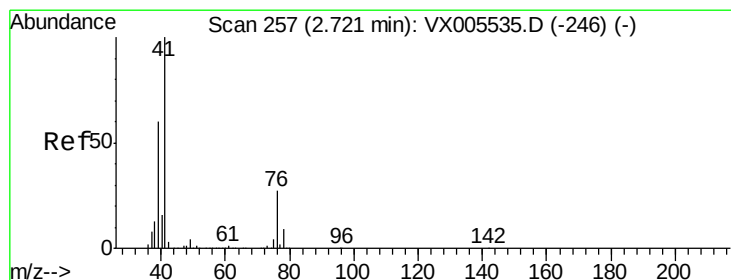
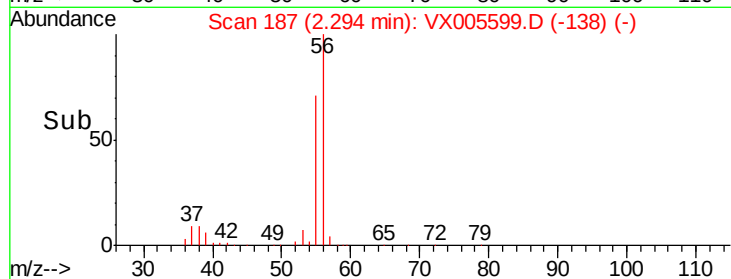
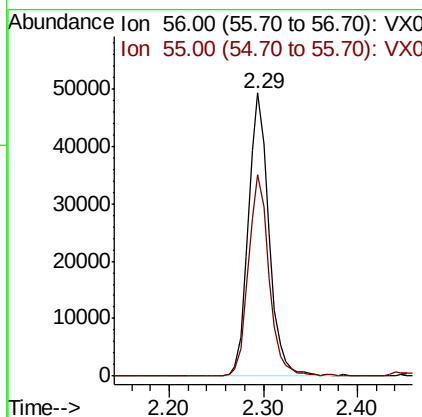
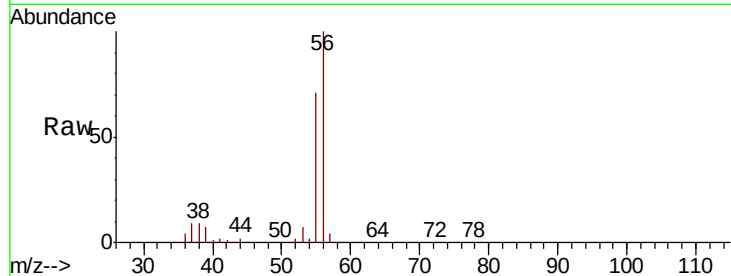
#13
Acrolein
Concen: 209.769 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	57.3	85.9

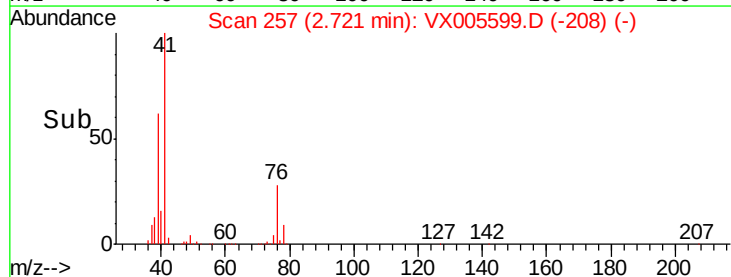
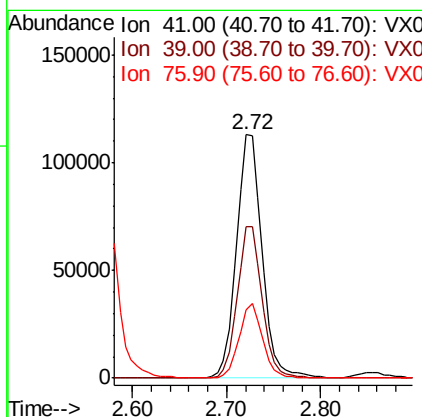
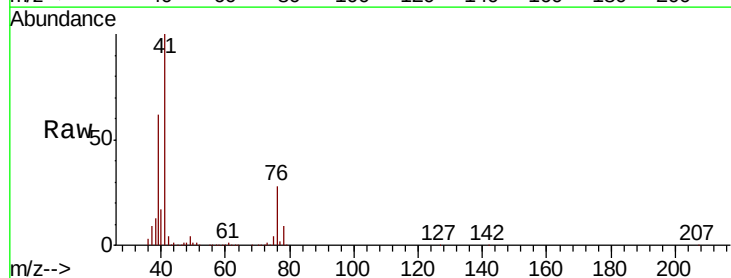
Manual Integrations
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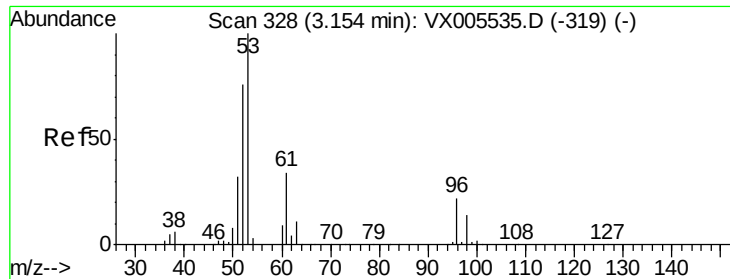
MMDadoda
10/29/2018 12:43:08 PM



#14
Allyl chloride
Concen: 47.362 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.2	72.4
76	28.4	21.9	32.9





#15

Acrylonitrile

Concen: 228.627 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

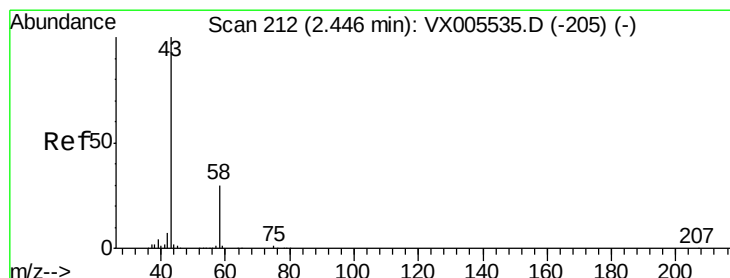
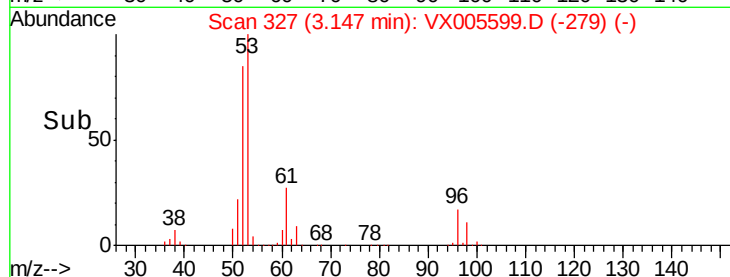
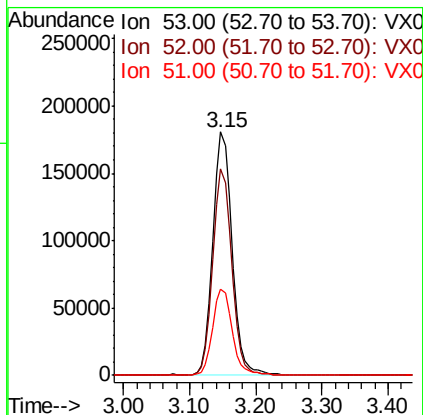
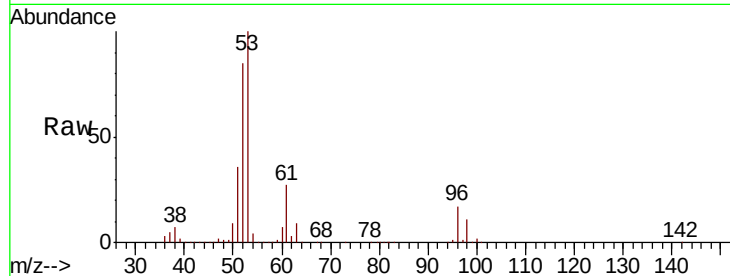
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	363725
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.6	99.8
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 251.216 ug/l

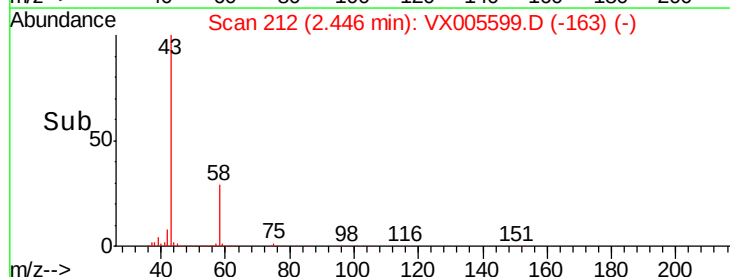
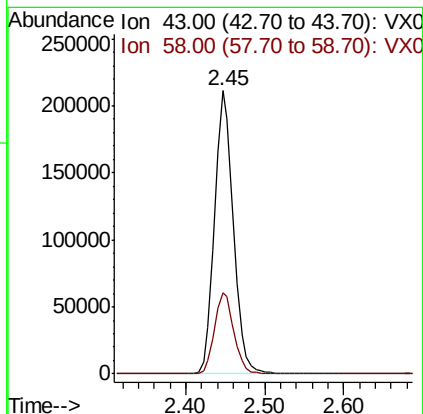
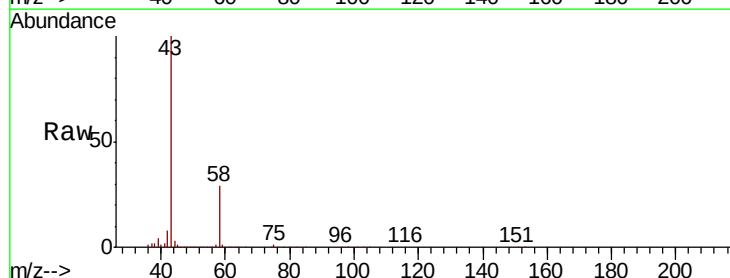
RT: 2.45 min Scan# 212

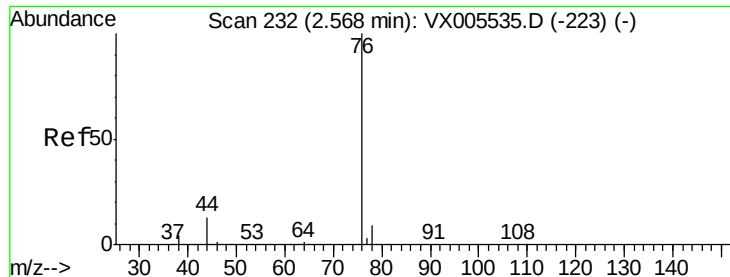
Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Tgt Ion:	43	Resp:	349985
Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.8	35.6





#17

Carbon Disulfide

Concen: 47.369 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 292753

Ion Ratio Lower Upper

76 100

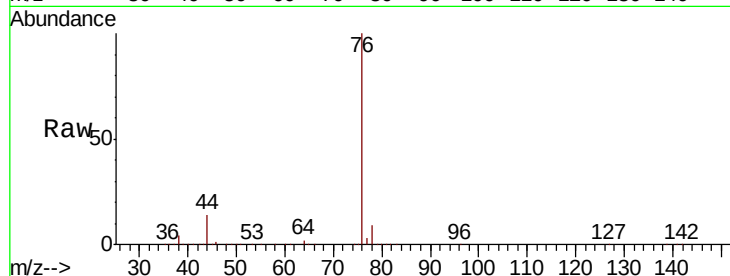
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

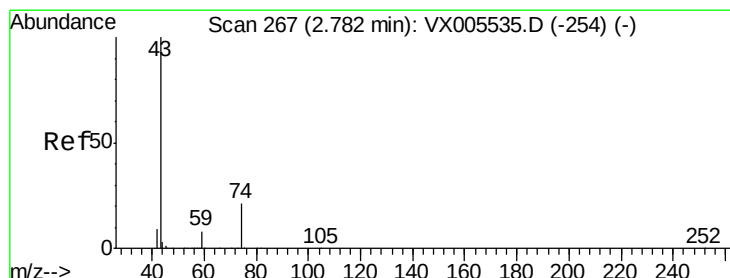
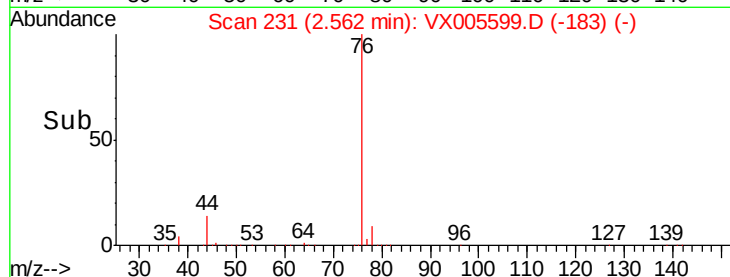
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 49.737 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005599.D

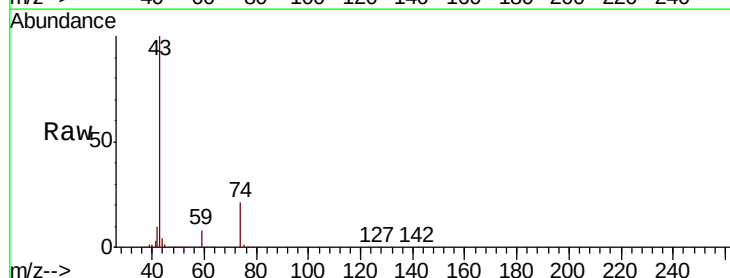
Acq: 26 Oct 2018 12:31

Tgt Ion: 43 Resp: 171205

Ion Ratio Lower Upper

43 100

74 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

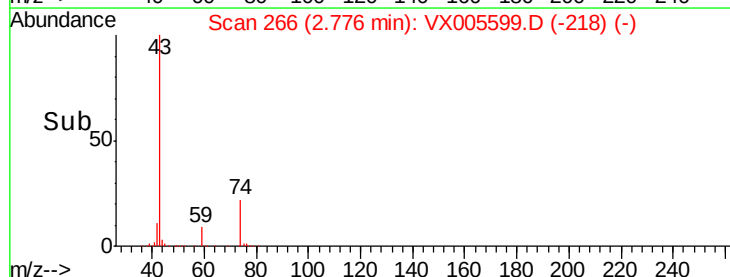
20000

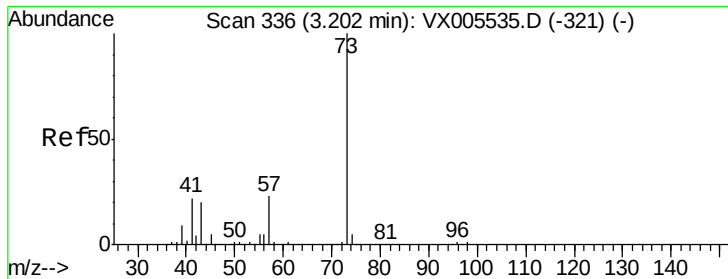
0

2.78

2.70 2.75 2.80 2.85 2.90

Time-->





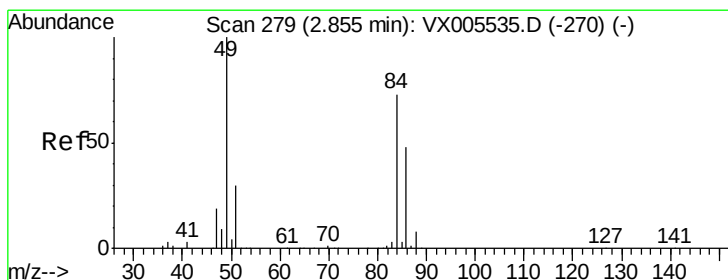
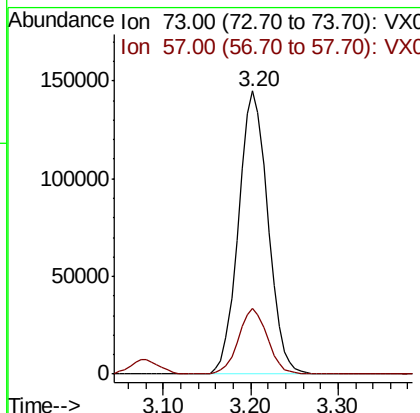
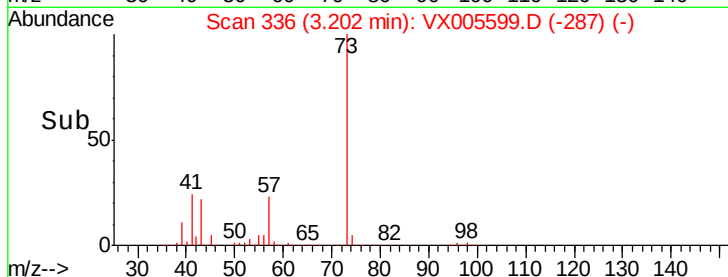
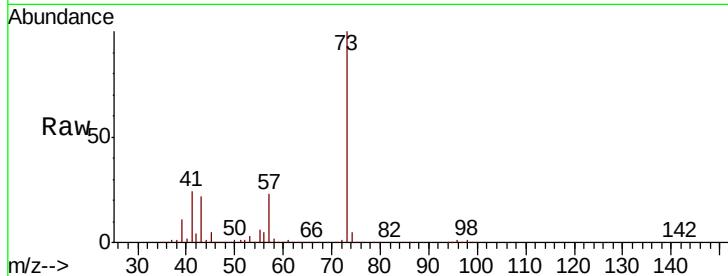
#19
Methyl tert-butyl Ether
Concen: 46.900 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.8	28.2

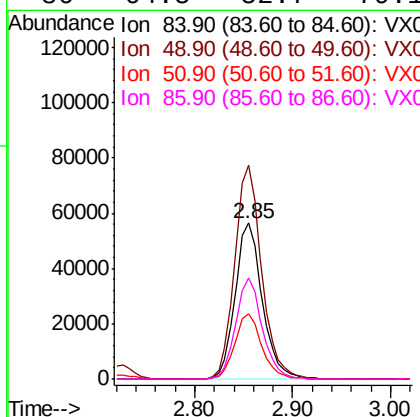
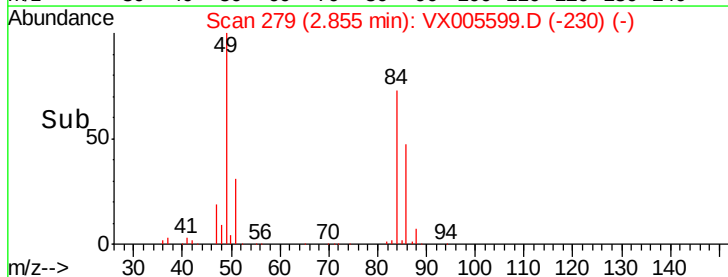
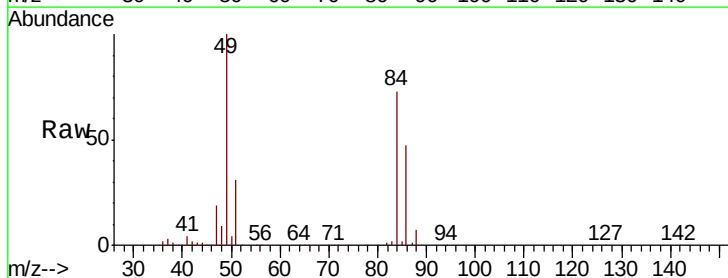
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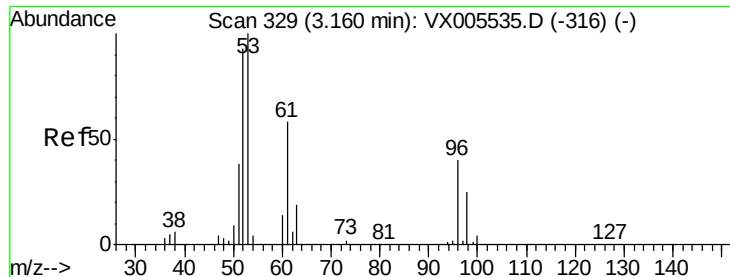
MMDadoda
10/29/2018 12:43:08 PM



#20
Methylene Chloride
Concen: 46.649 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.7	109.5	164.3
51	42.1	33.3	49.9
86	64.5	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 46.283 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

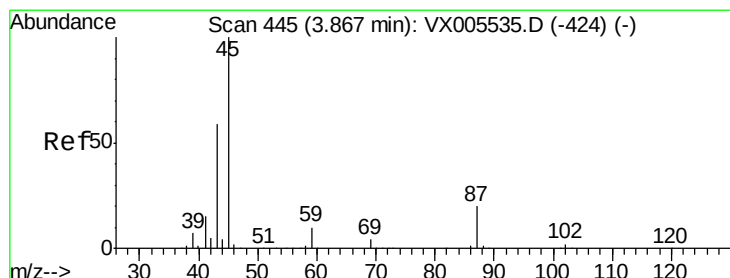
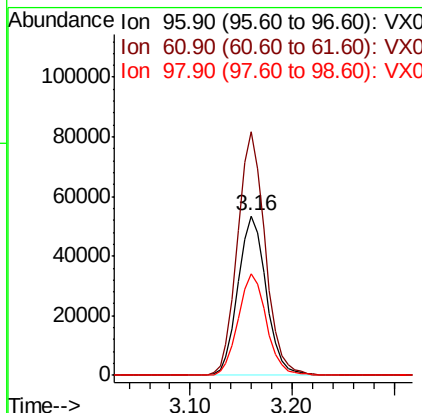
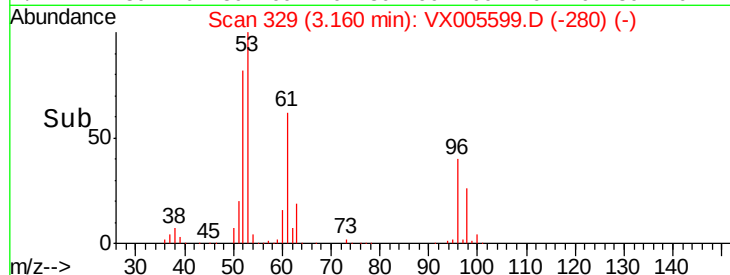
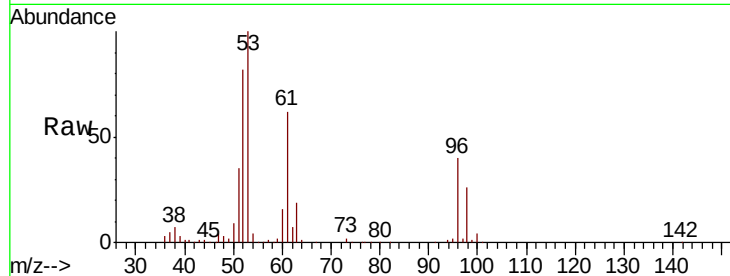
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	102455
Ion	Ratio	Lower	Upper
96	100		
61	152.1	115.6	173.4
98	63.3	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.131 ug/l

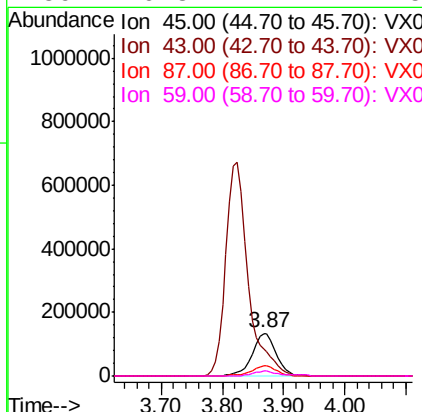
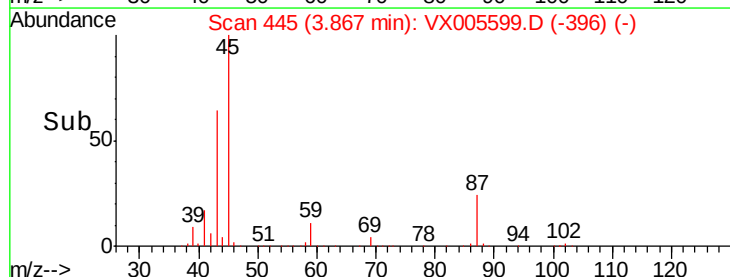
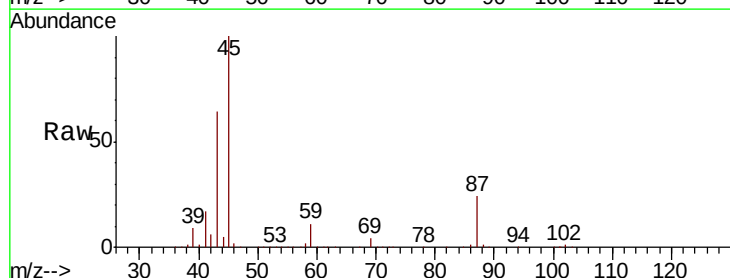
RT: 3.87 min Scan# 445

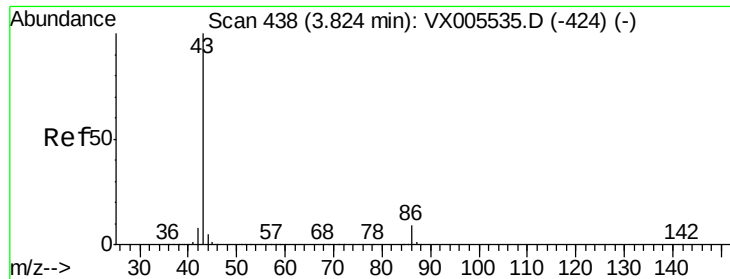
Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Tgt Ion:	45	Resp:	372415
Ion	Ratio	Lower	Upper
45	100		
43	63.8	47.4	71.2
87	24.4	15.9	23.9#
59	10.8	7.7	11.5





#23

Vinyl Acetate

Concen: 247.260 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1720702

Ion Ratio Lower Upper

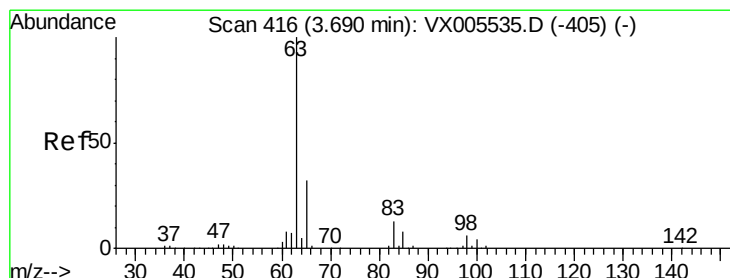
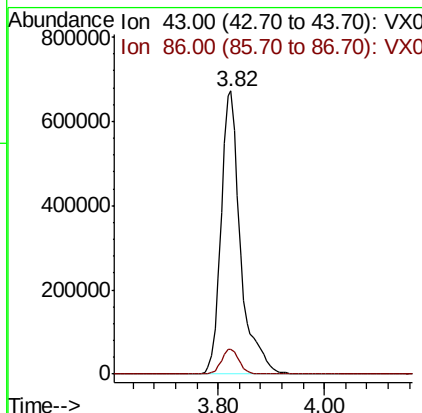
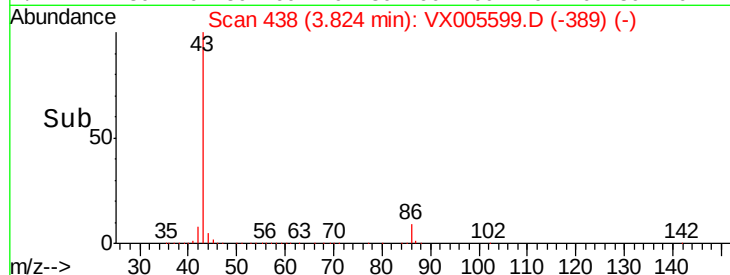
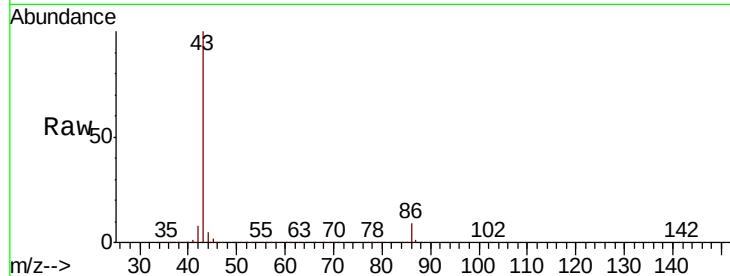
43 100

86 8.9 7.4 11.2

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 47.291 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

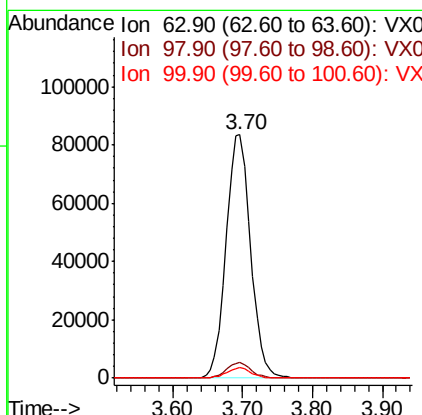
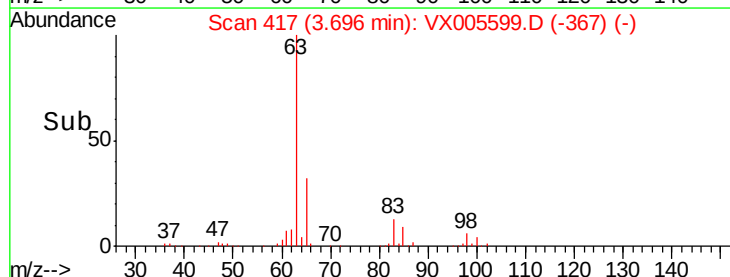
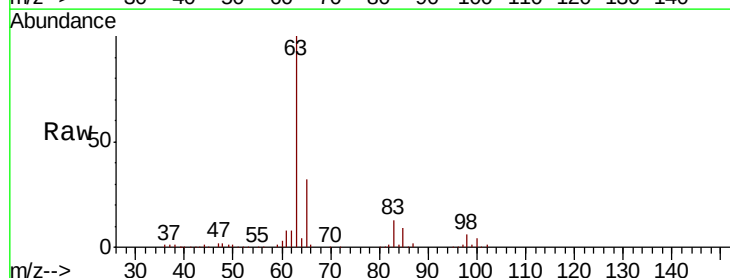
Tgt Ion: 63 Resp: 203161

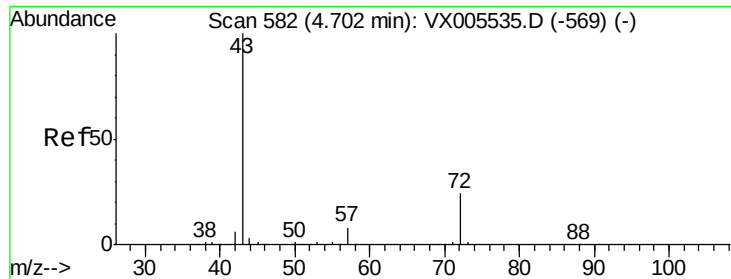
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 232.200 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 492614

Ion Ratio Lower Upper

43 100

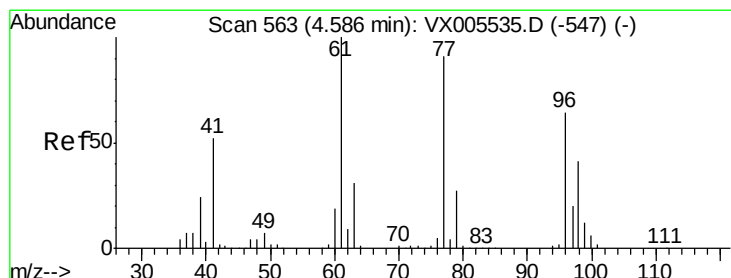
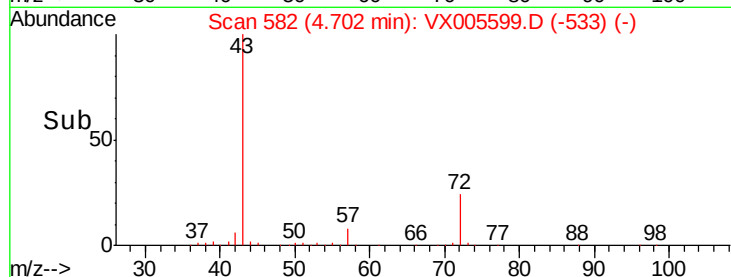
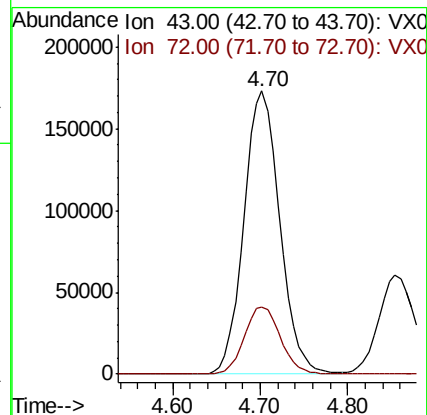
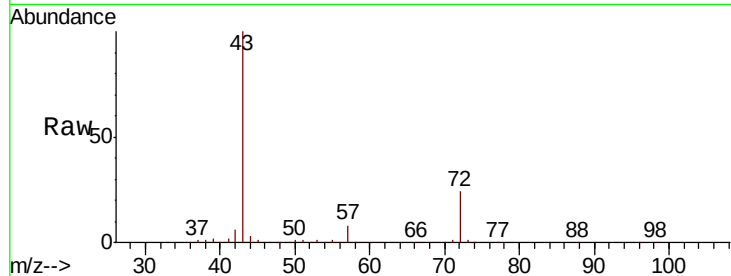
72 23.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.266 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005599.D

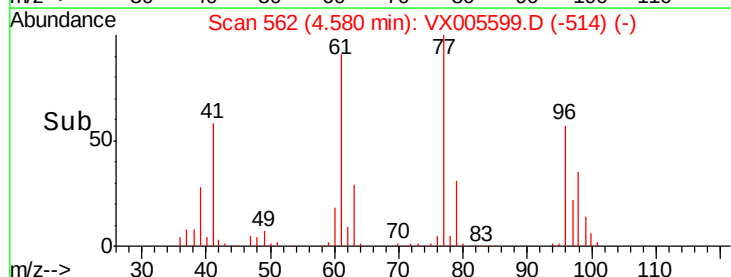
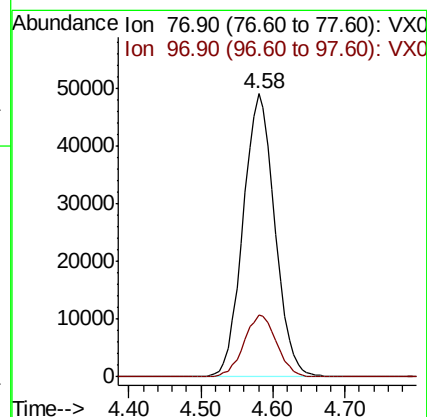
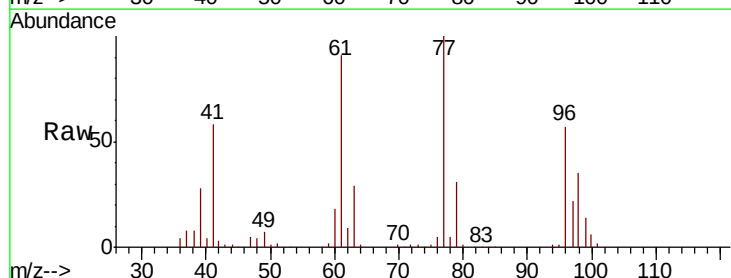
Acq: 26 Oct 2018 12:31

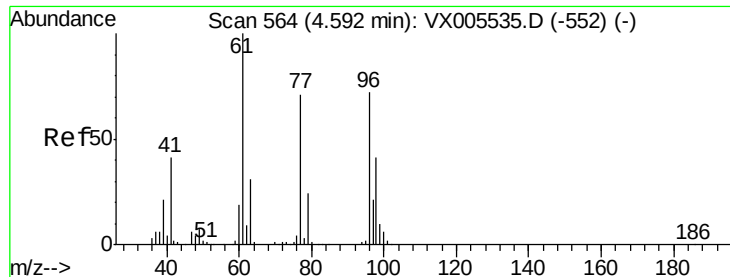
Tgt Ion: 77 Resp: 150134

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

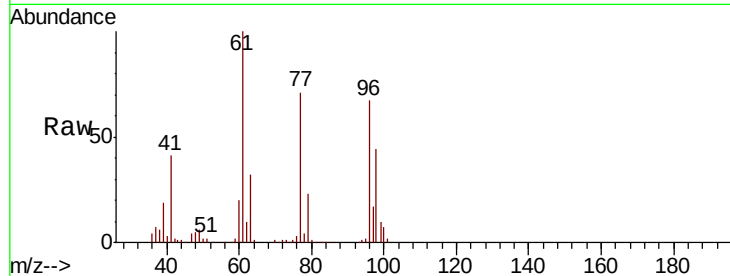
cis-1,2-Dichloroethene
Concen: 44.223 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

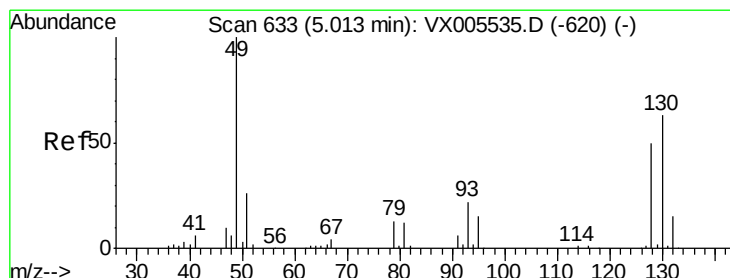
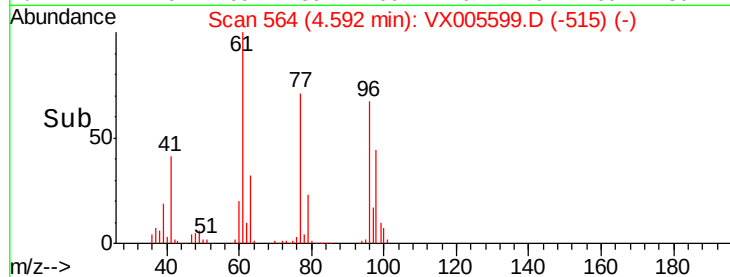
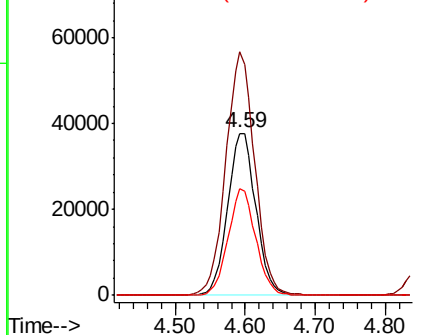
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.1	0.0	304.6	
98	64.1	0.0	127.4	

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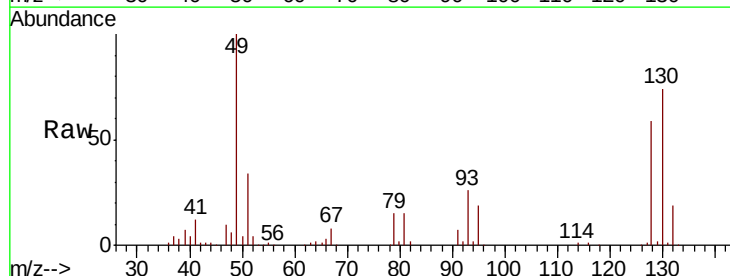
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



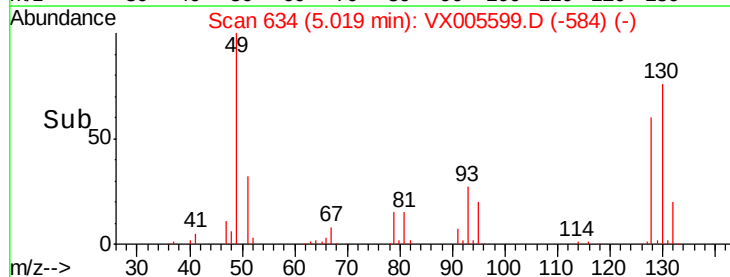
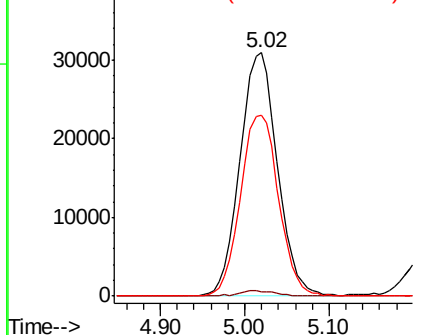
#28

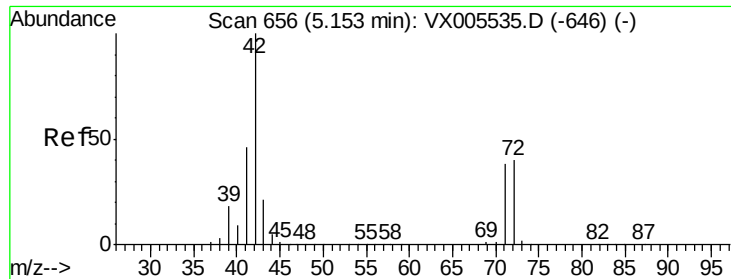
Bromochloromethane
Concen: 44.909 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	75.7	58.9	88.3	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





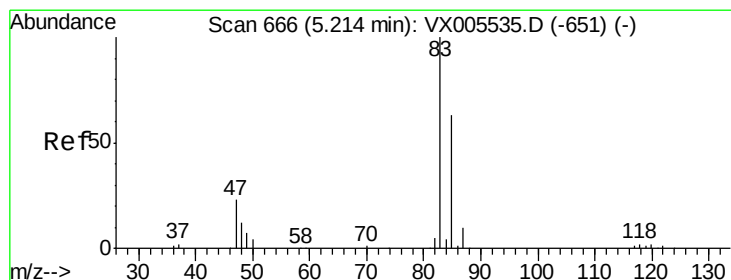
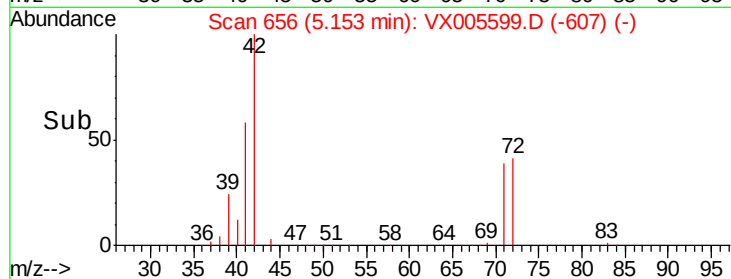
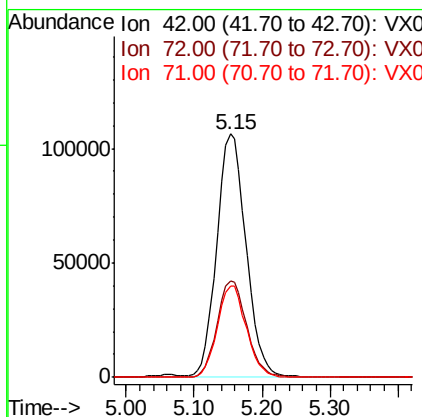
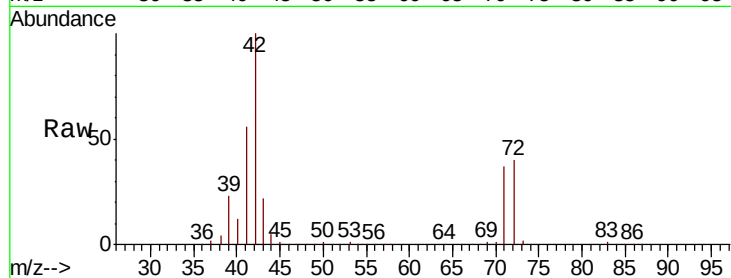
#29
Tetrahydrofuran
Concen: 229.854 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.0	48.0
71	37.4	29.8	44.8

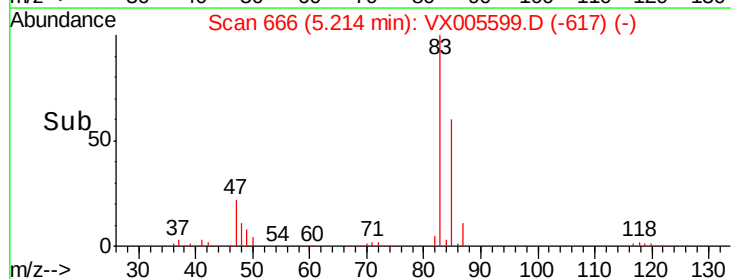
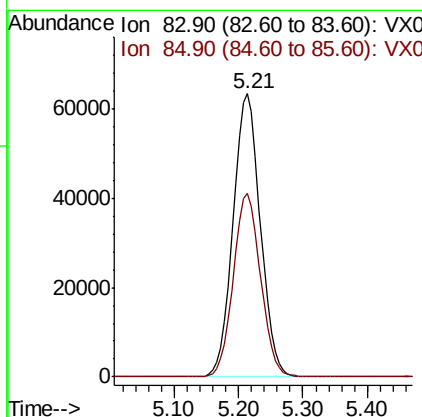
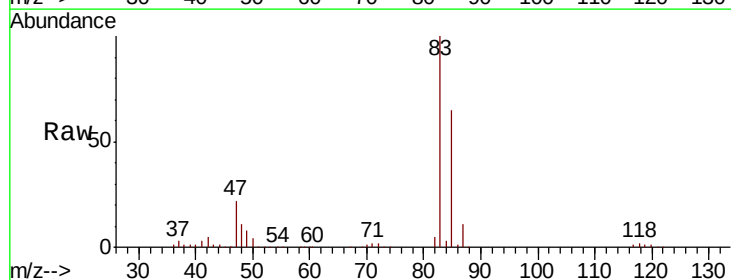
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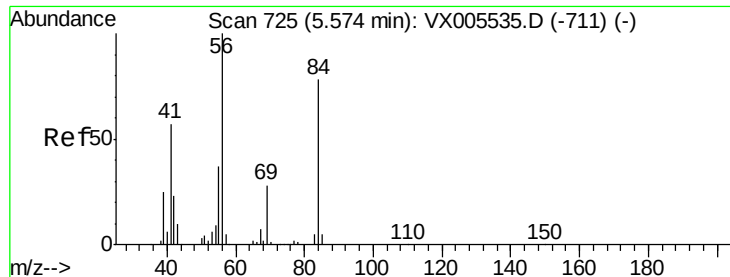
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#30
Chloroform
Concen: 46.460 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	76.0





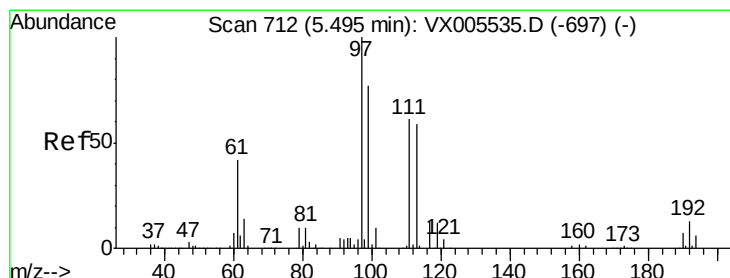
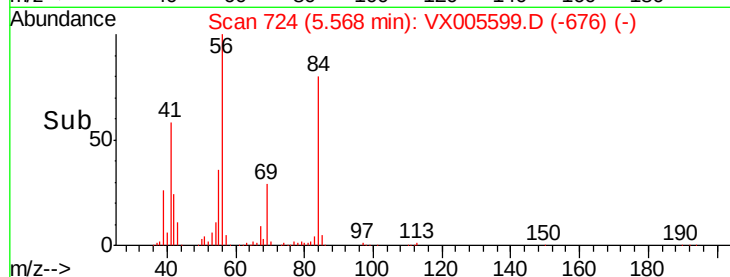
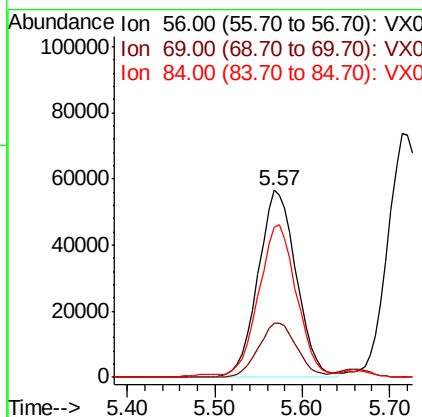
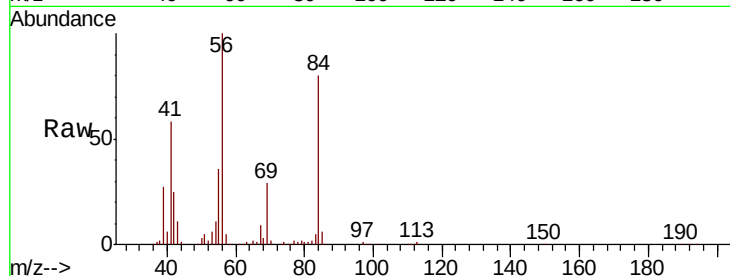
#31
Cyclohexane
Concen: 48.449 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	22.6	34.0
84	79.2	62.7	94.1

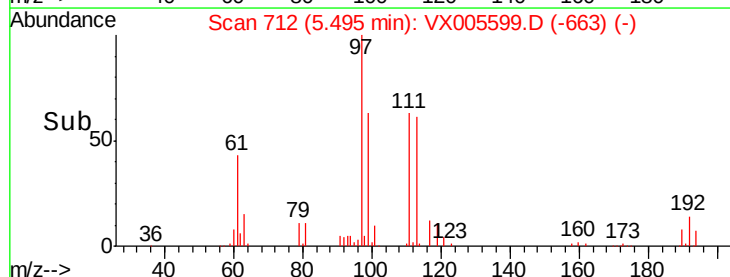
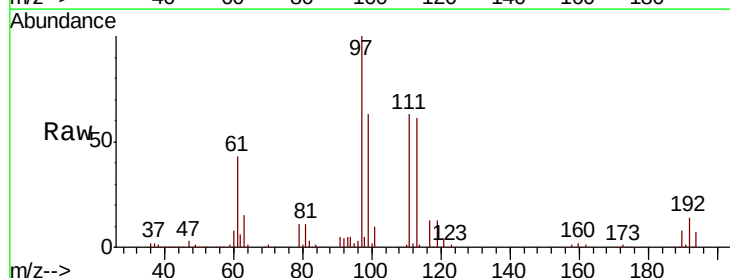
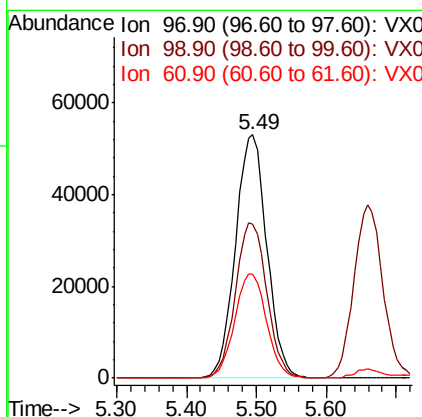
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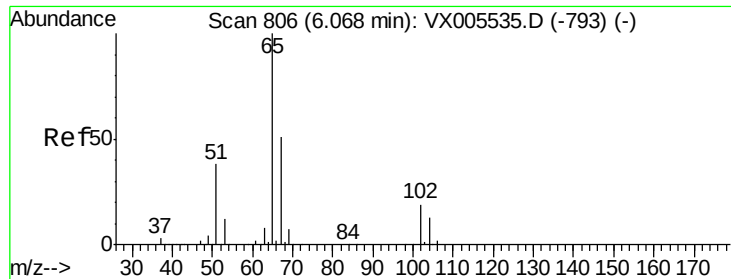
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#32
1,1,1-Trichloroethane
Concen: 46.466 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	43.8	35.2	52.8





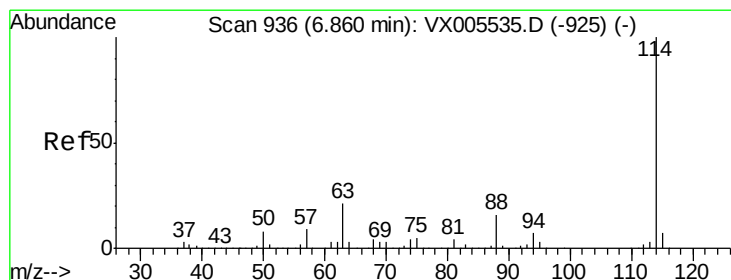
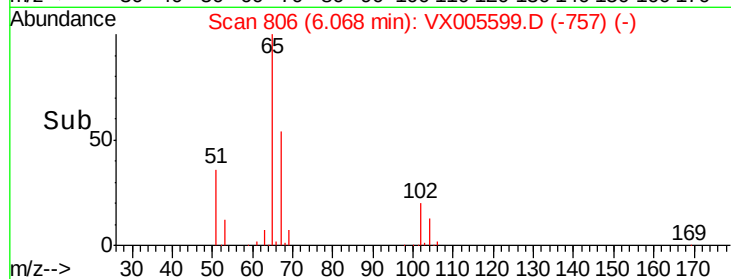
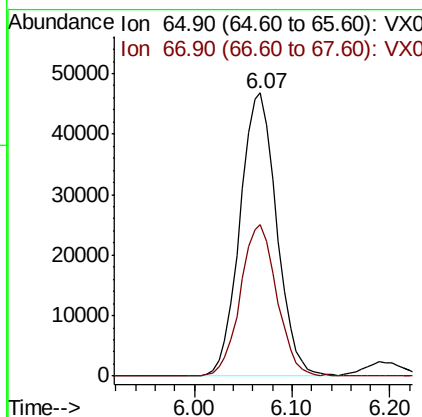
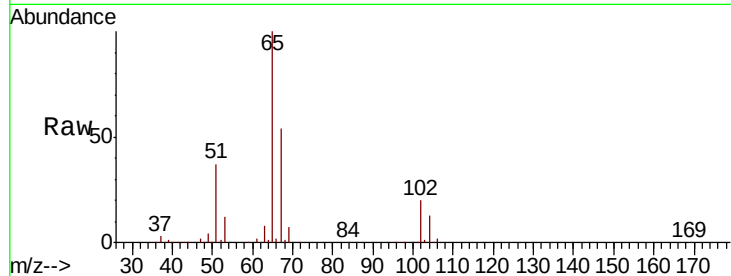
#33
 1,2-Dichloroethane-d4
 Concen: 46.308 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0

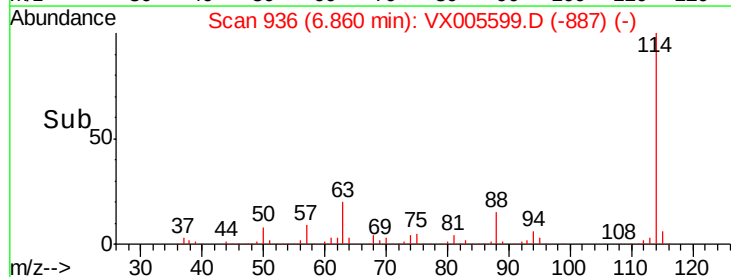
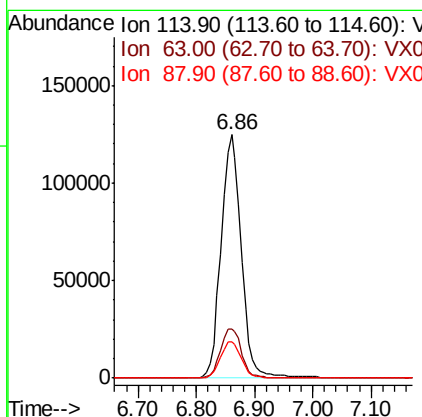
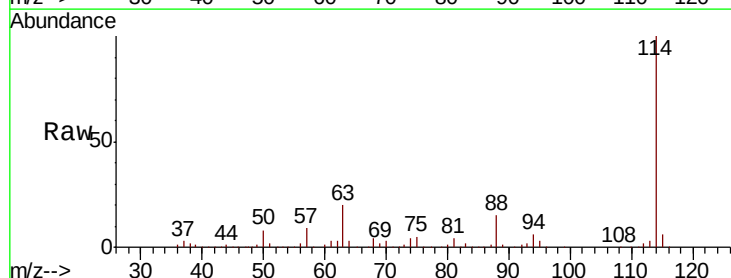
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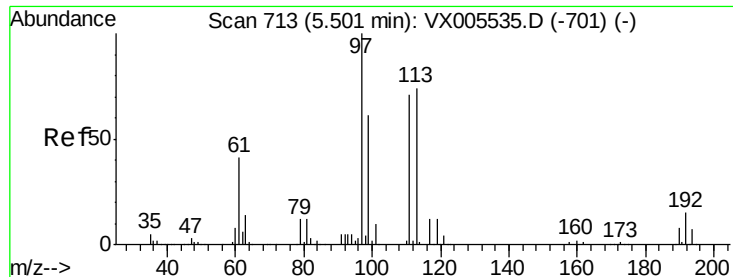
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.8
88	14.9	0.0	31.2





#35

Dibromofluoromethane

Concen: 47.913 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

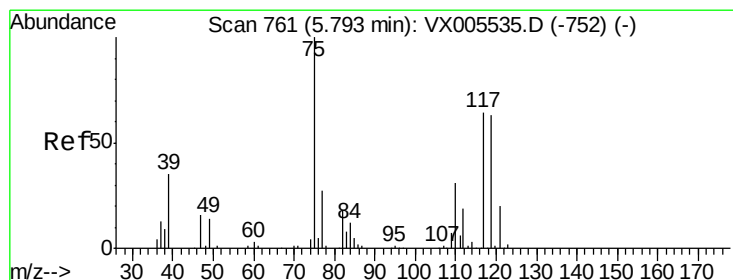
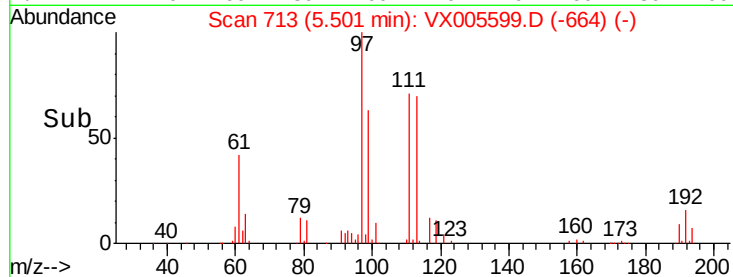
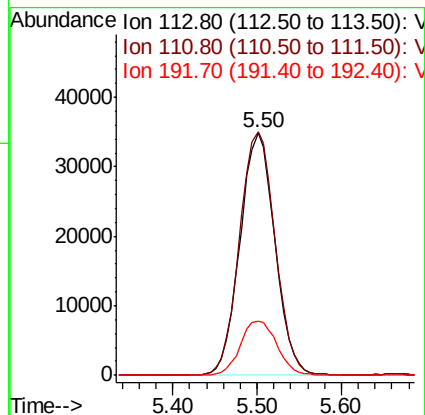
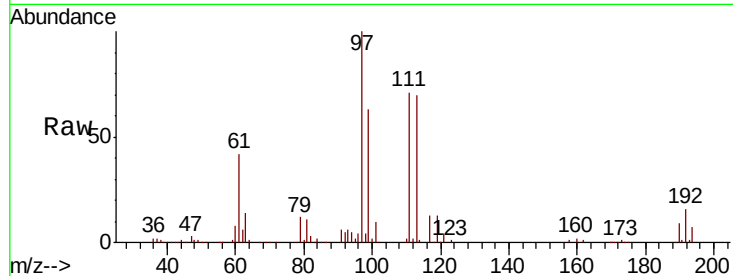
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	23.3	17.9	26.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.178 ug/l

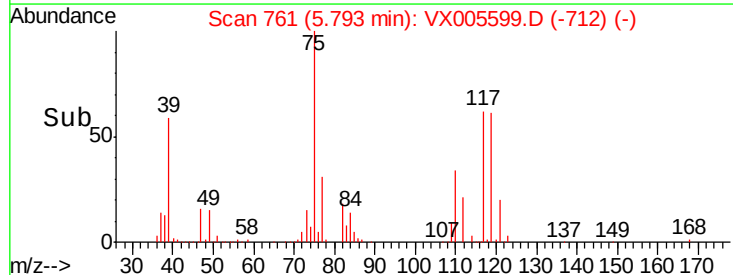
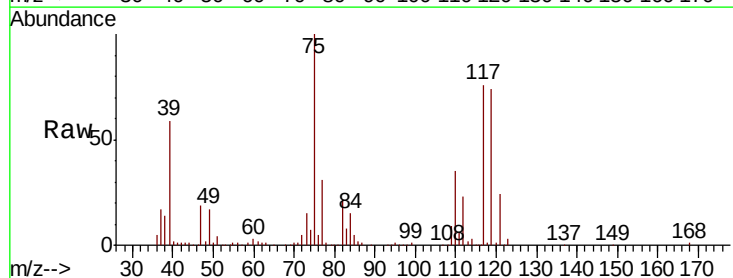
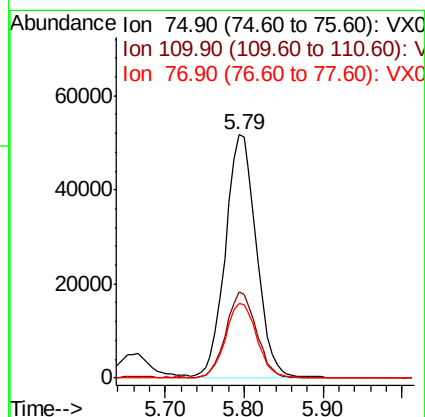
RT: 5.79 min Scan# 761

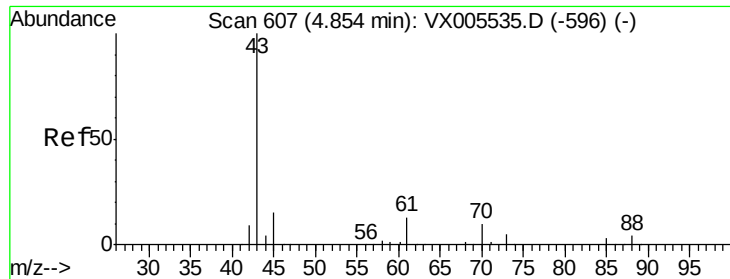
Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	31.4	25.8	38.6





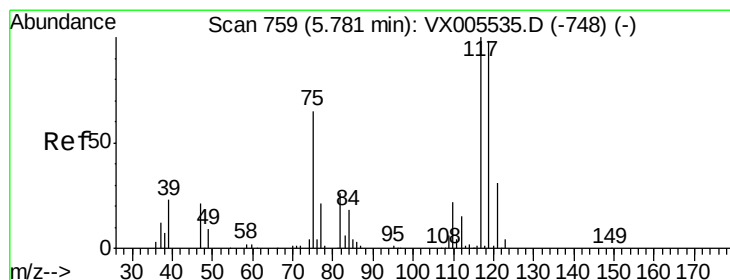
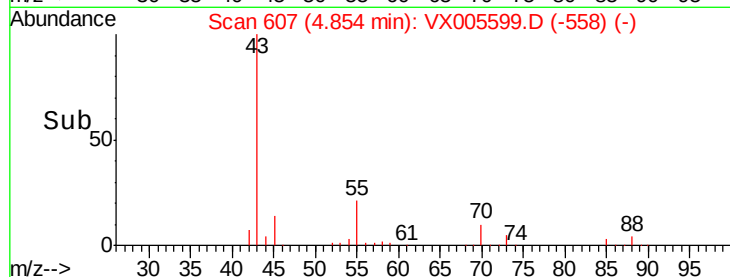
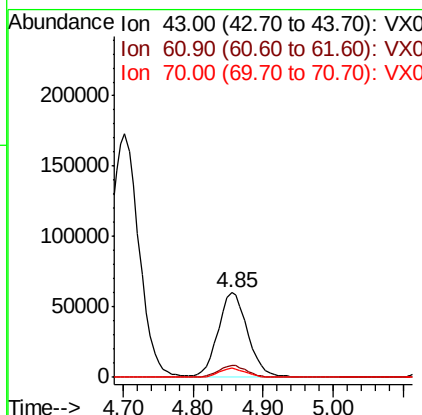
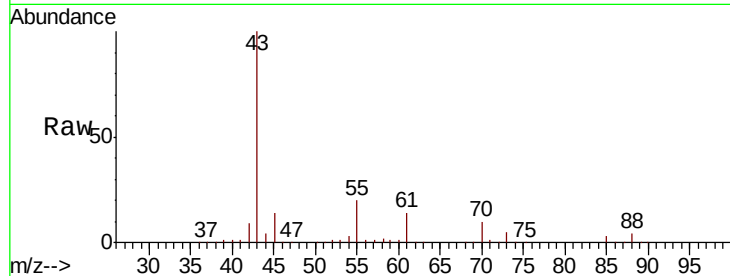
#37
Ethyl Acetate
Concen: 47.319 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	9.8	7.8	11.8

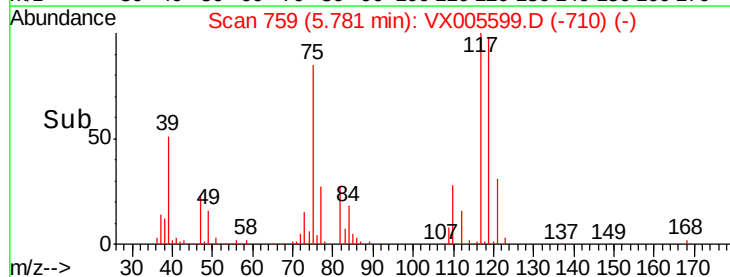
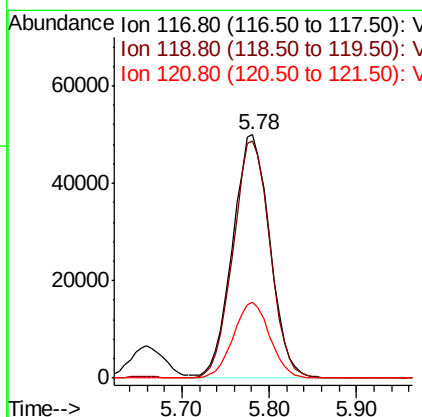
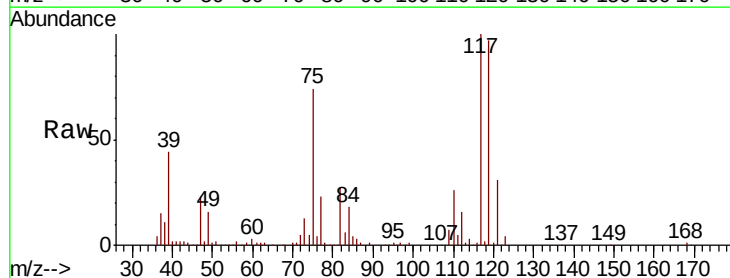
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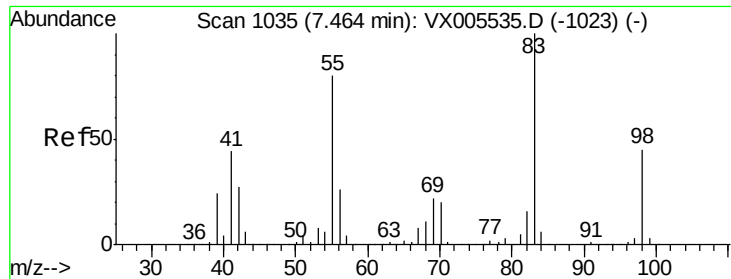
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#38
Carbon Tetrachloride
Concen: 48.070 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.1	117.1
121	31.3	24.6	36.8





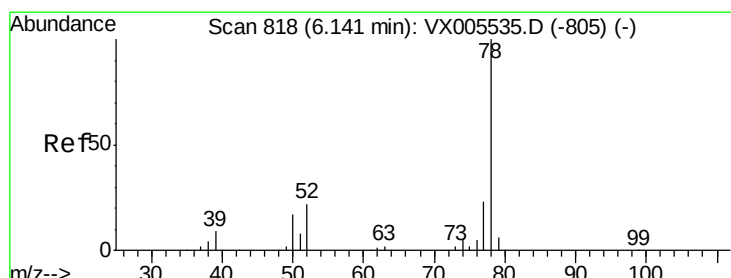
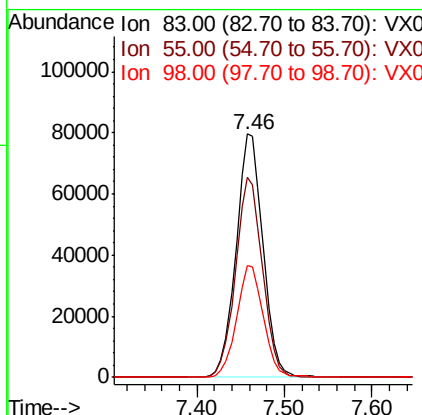
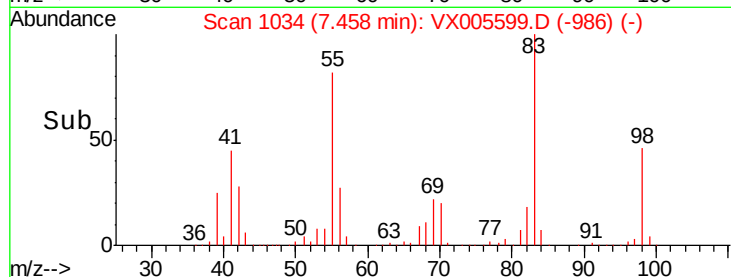
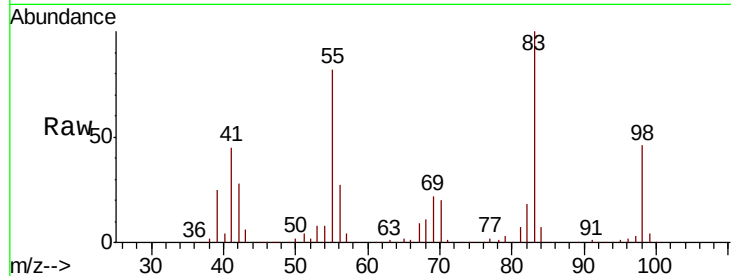
#39
Methylvlcyclohexane
Concen: 52.761 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	170219		
55	82.0		63.7	95.5
98	45.9		36.2	54.2

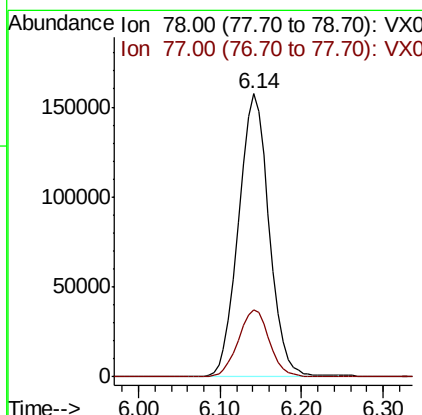
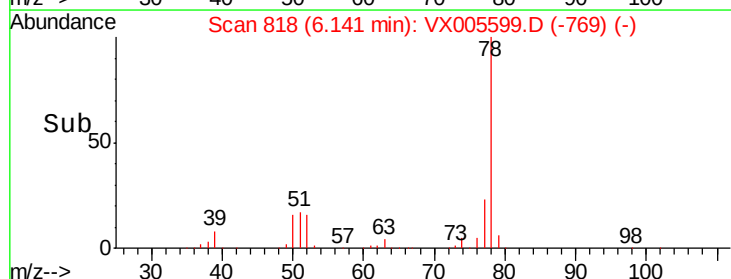
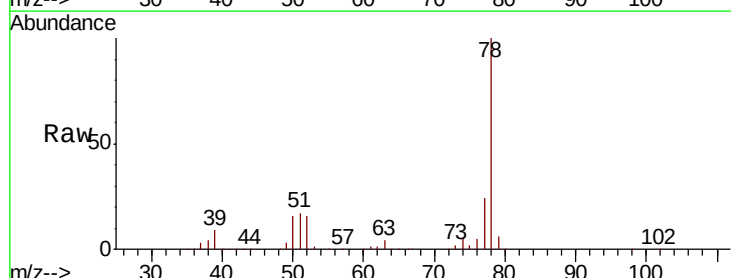
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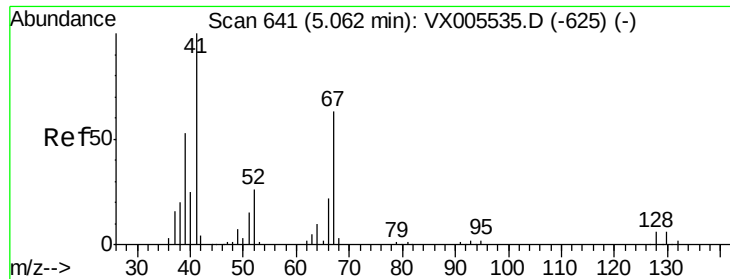
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#40
Benzene
Concen: 48.929 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	409798		
77	23.6		18.4	27.6





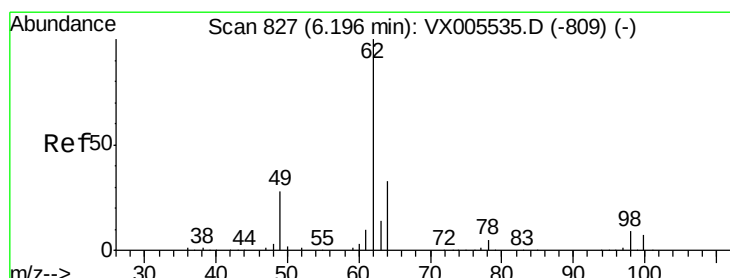
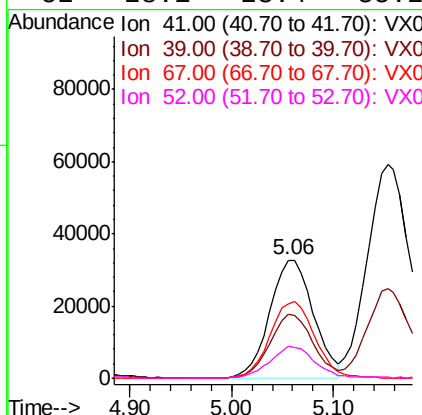
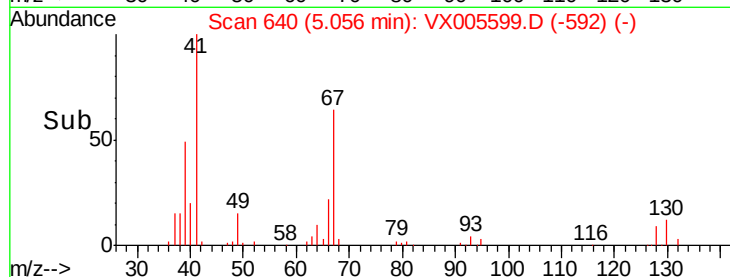
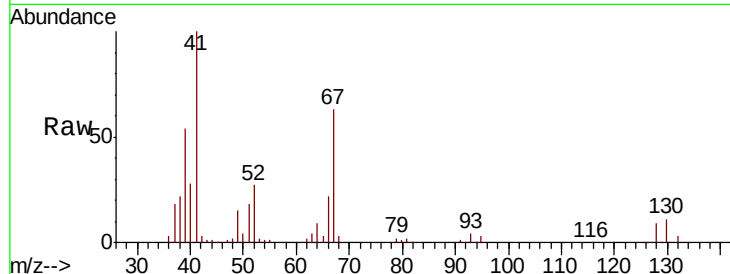
#41
Methacrylonitrile
Concen: 46.692 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.2	63.2	
67	66.7	53.4	80.0	
52	28.1	23.4	35.2	

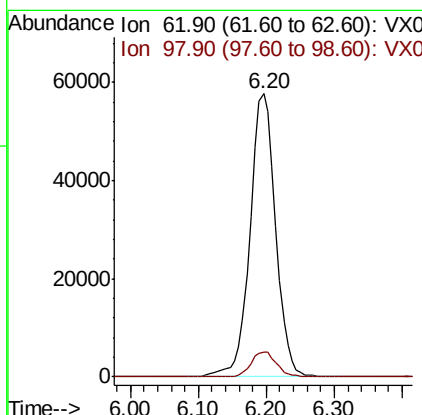
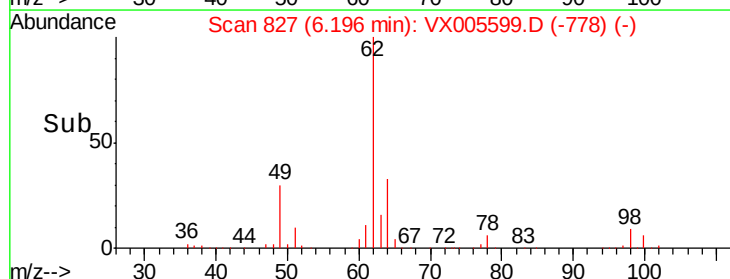
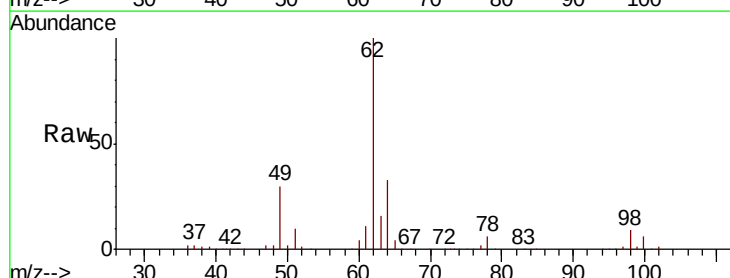
Manual Integrations
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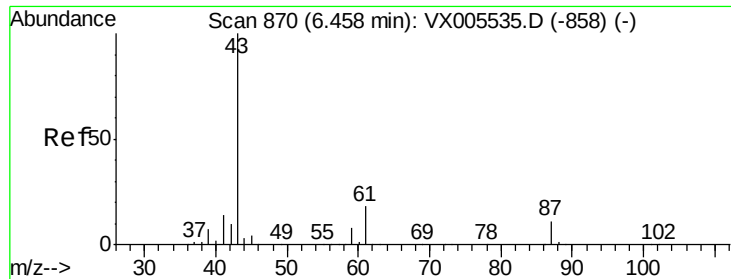
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.782 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.8	





#43

Isopropyl Acetate

Concen: 46.796 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

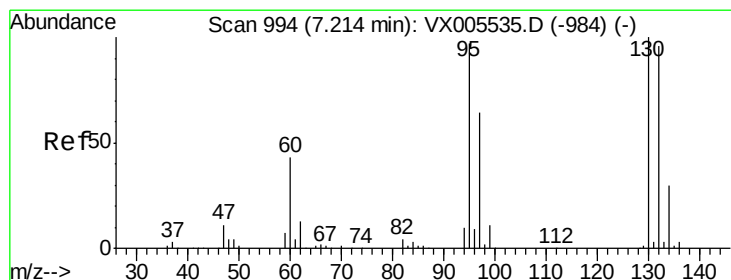
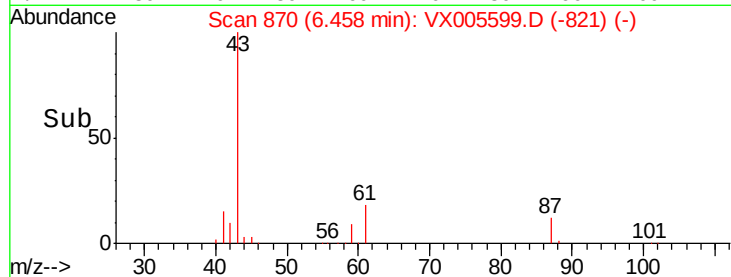
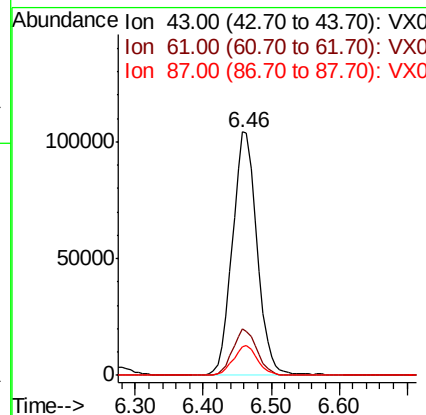
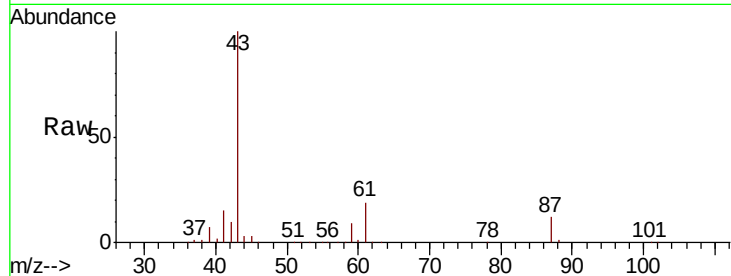
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	261444
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.6	22.0
87	12.1	9.6	14.4

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#44

Trichloroethene

Concen: 49.201 ug/l

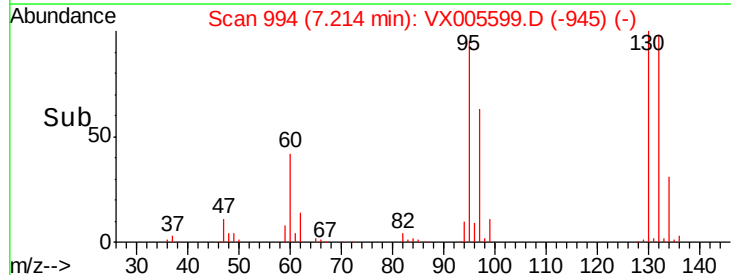
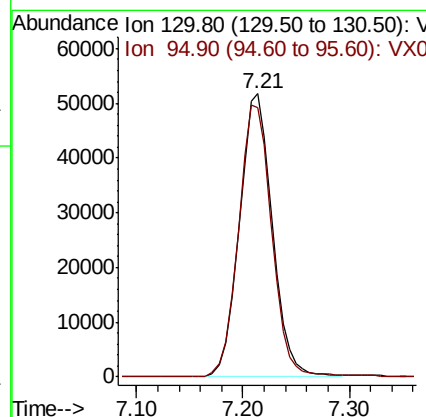
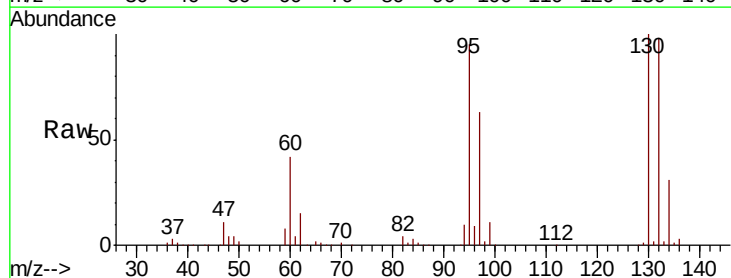
RT: 7.21 min Scan# 994

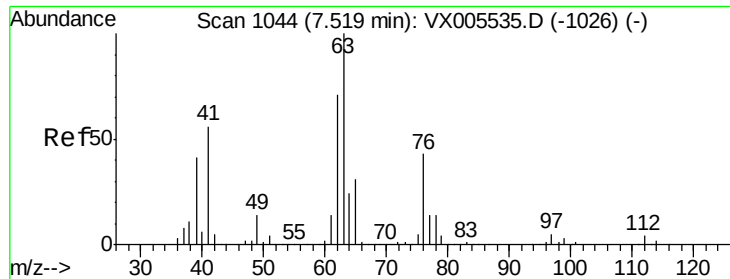
Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Tgt Ion:	130	Resp:	112259
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	194.2





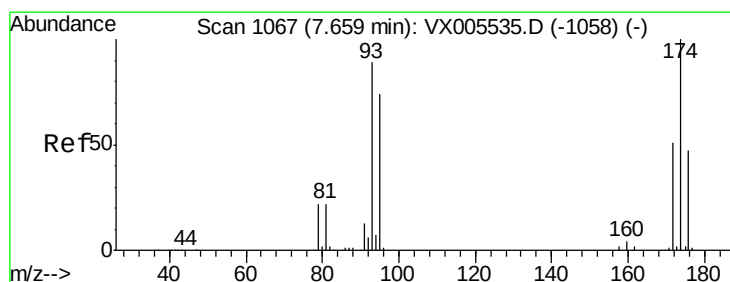
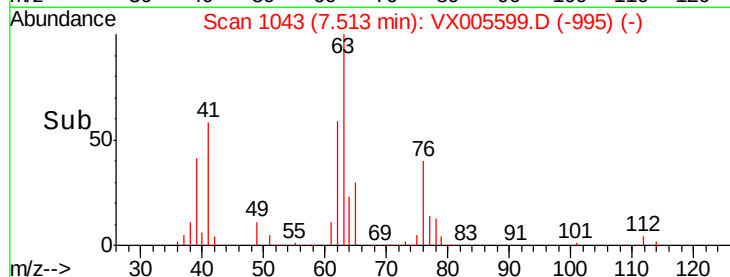
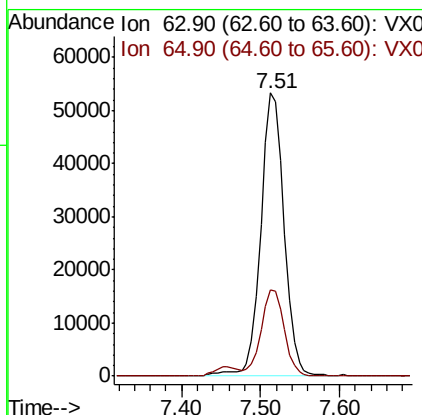
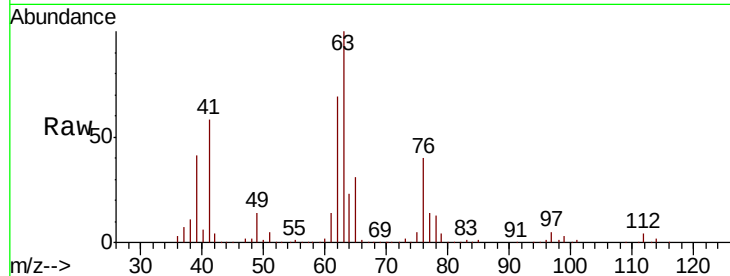
#45
 1,2-Dichloropropane
 Concen: 48.860 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 110018
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2

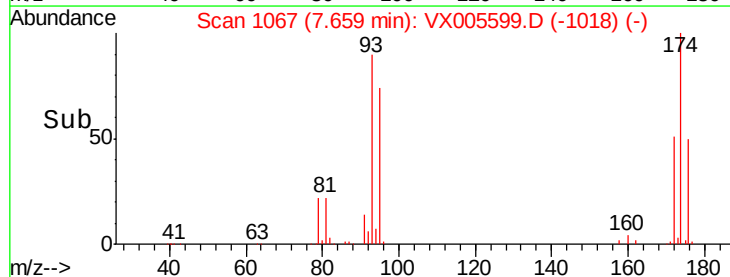
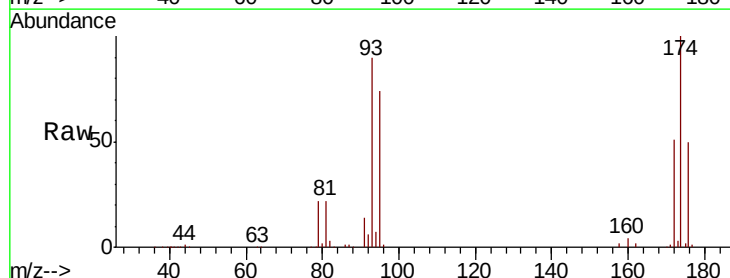
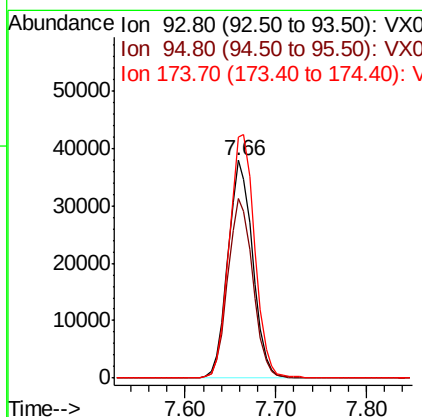
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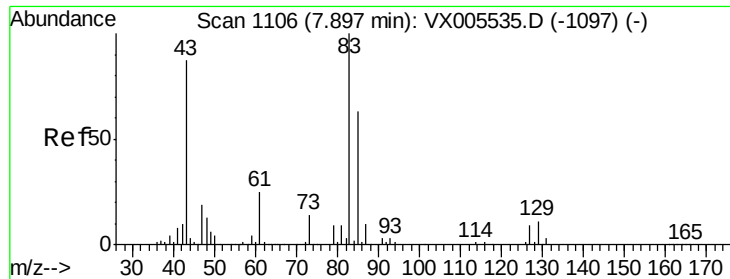
MMDadoda
 10/29/2018 12:43:08 PM



#46
 Dibromomethane
 Concen: 49.430 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion: 93 Resp: 71886
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.4 101.0
 174 115.6 91.5 137.3





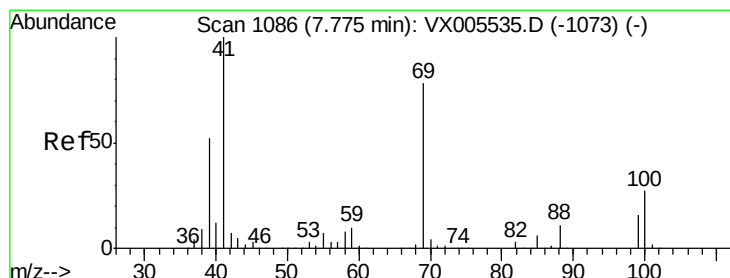
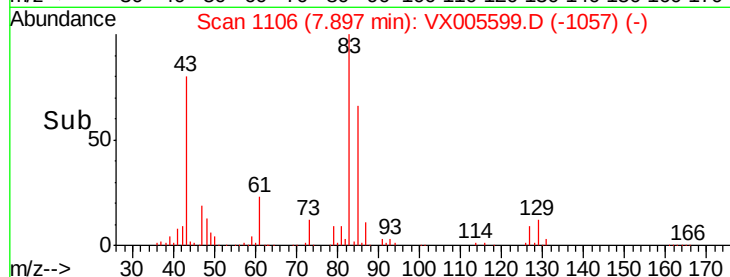
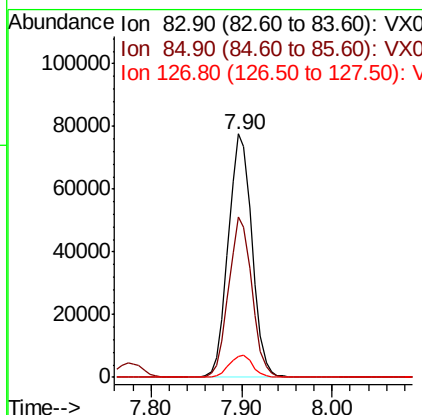
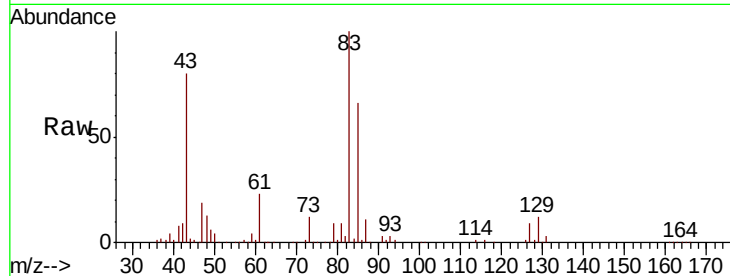
#47
Bromodichloromethane
Concen: 49.958 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.2	75.4
127	8.8	6.9	10.3

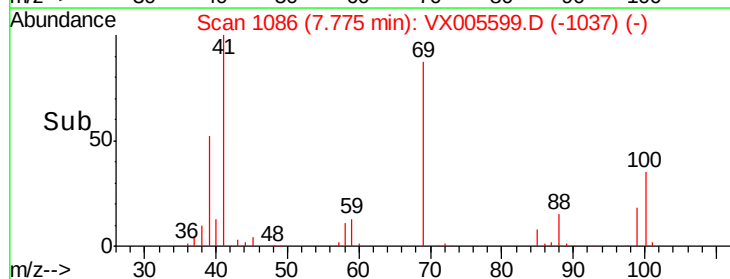
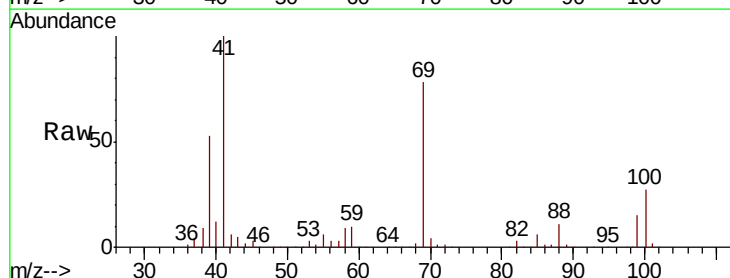
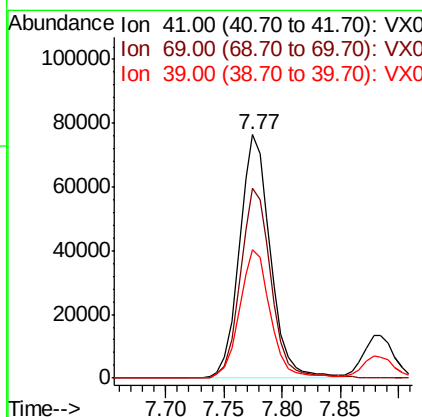
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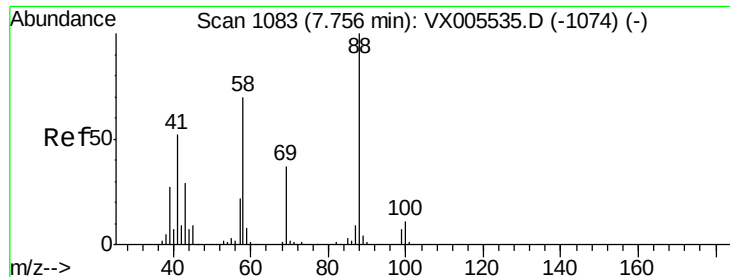
MMDadoda
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#48
Methyl methacrylate
Concen: 51.578 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.3	63.2	94.8
39	52.4	42.2	63.2





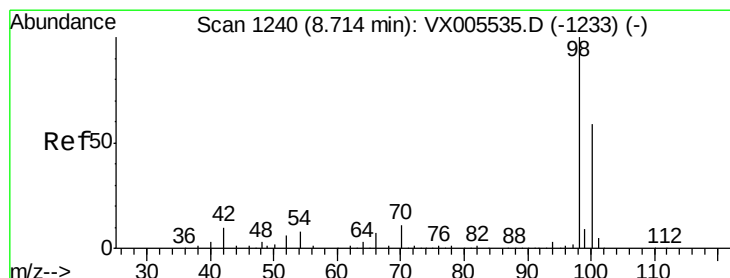
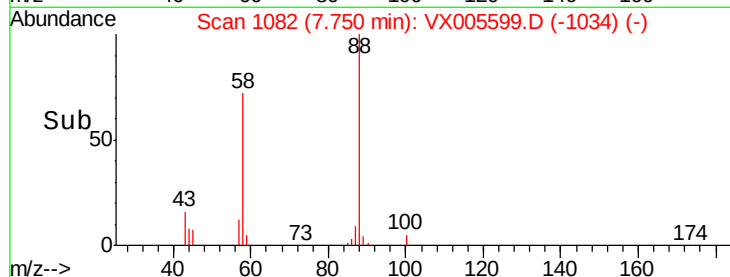
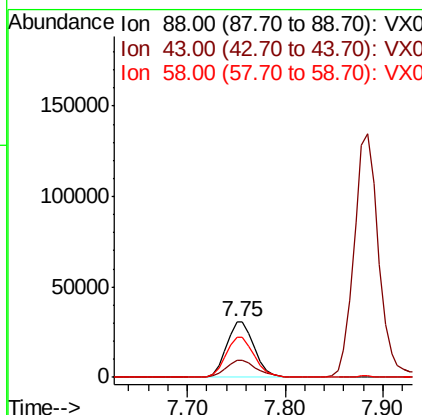
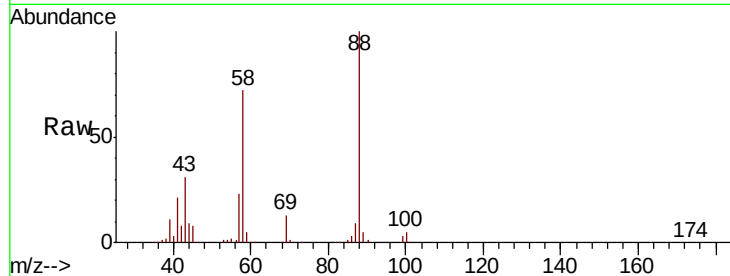
#49
1,4-Dioxane
Concen: 1016.947 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.4	41.0
58	74.3	59.4	89.2

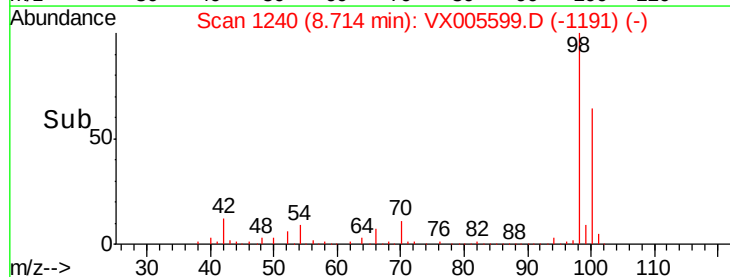
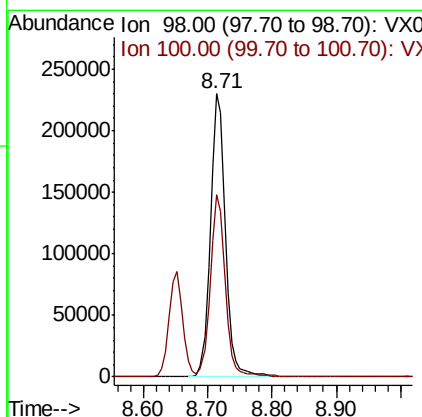
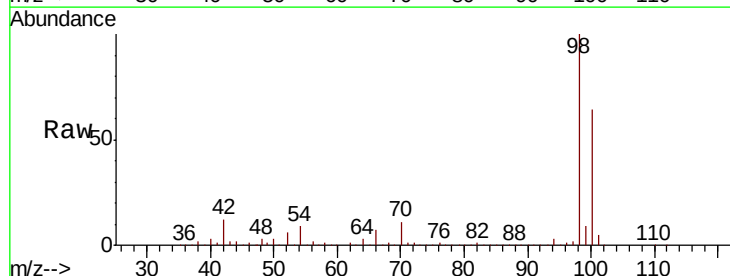
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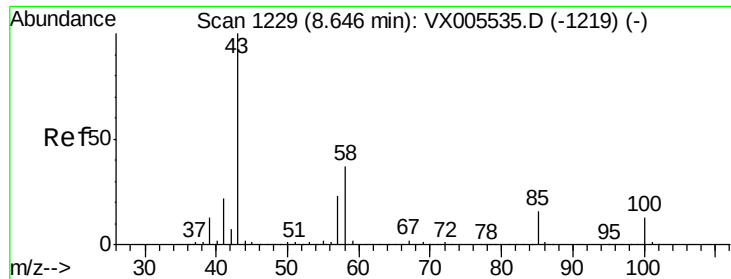
MMDadoda
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#50
Toluene-d8
Concen: 51.299 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.3	76.9





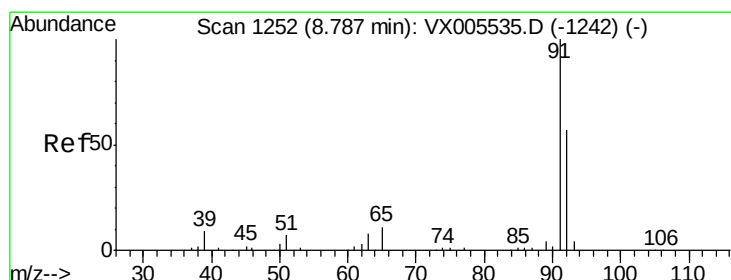
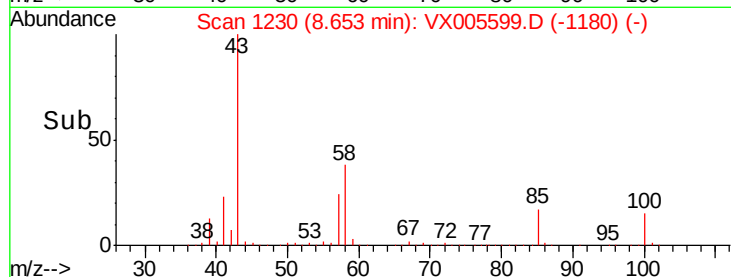
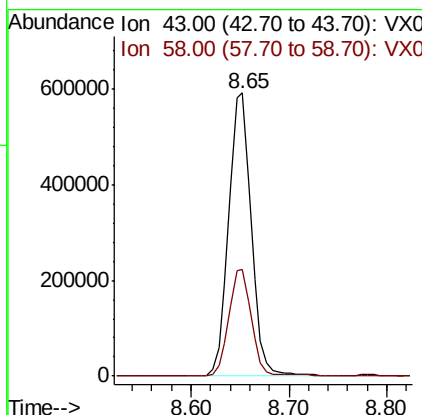
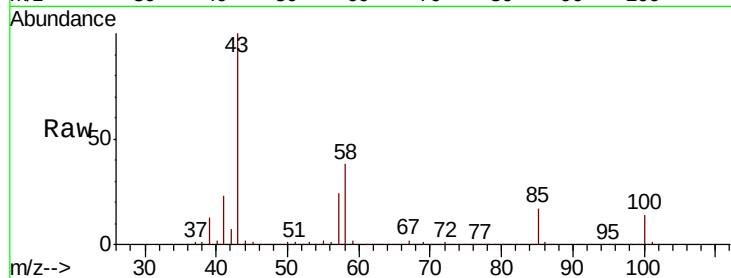
#51
4-Methyl-2-Pentanone
Concen: 253.680 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.7	44.5

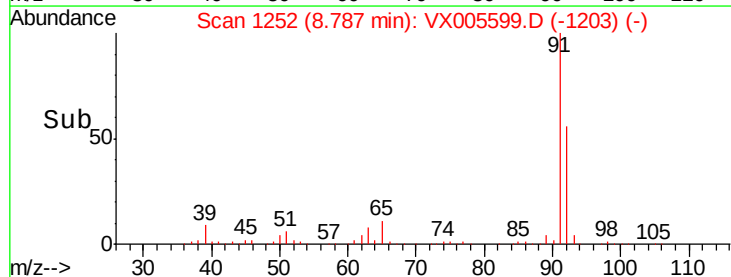
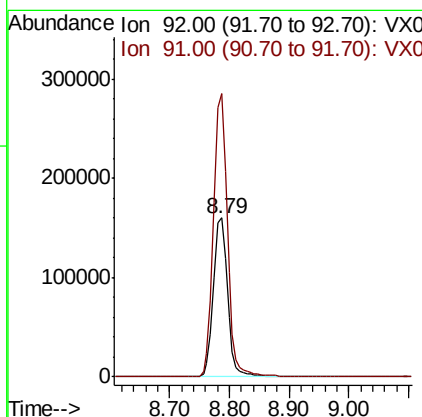
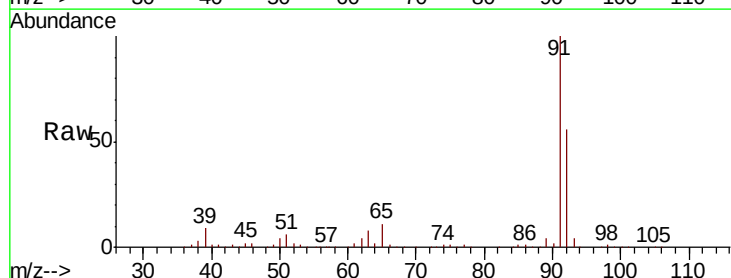
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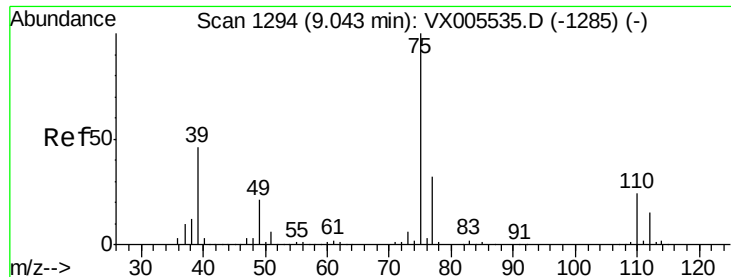
MMDadoda
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#52
Toluene
Concen: 51.493 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.8	140.4	210.6





#53

t-1,3-Dichloropropene

Concen: 51.584 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 157361

Ion Ratio Lower Upper

75 100

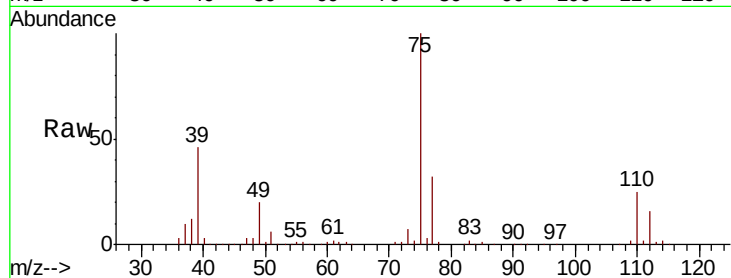
77 32.1 25.4 38.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

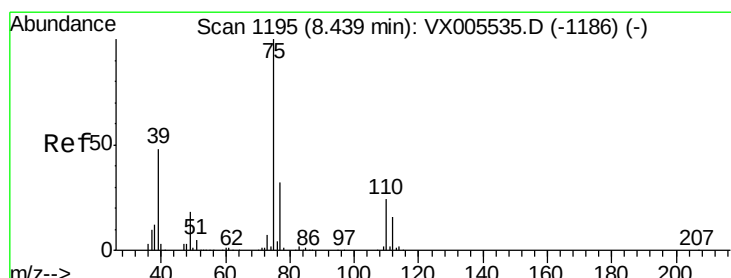
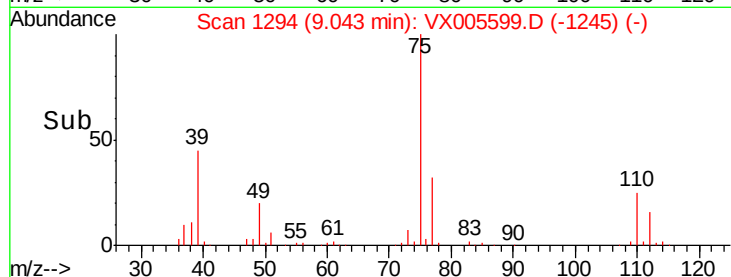
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.165 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

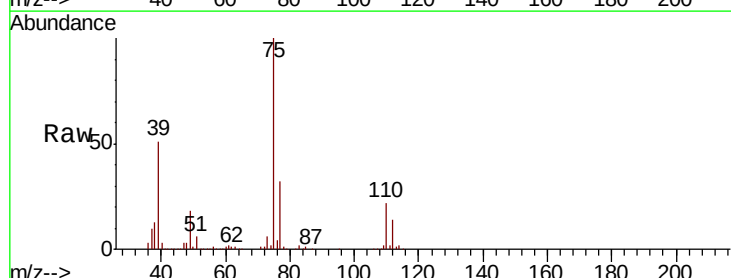
Tgt Ion: 75 Resp: 171327

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 50.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

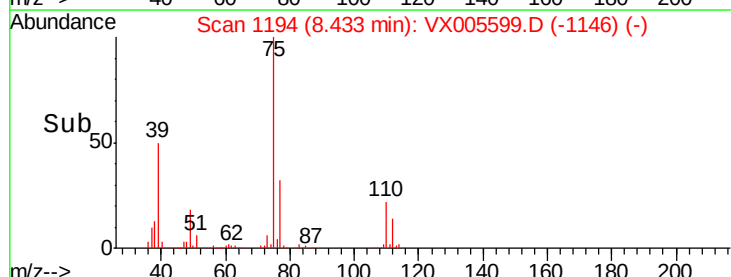
8.43

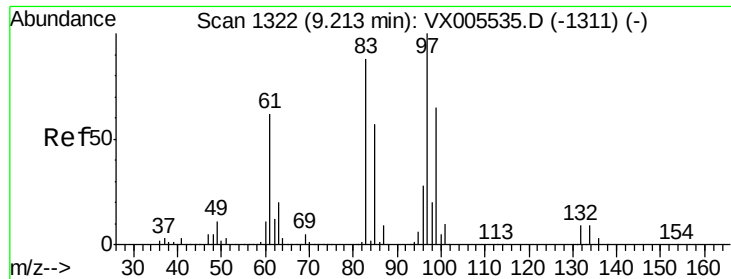
100000

50000

0

Time-->





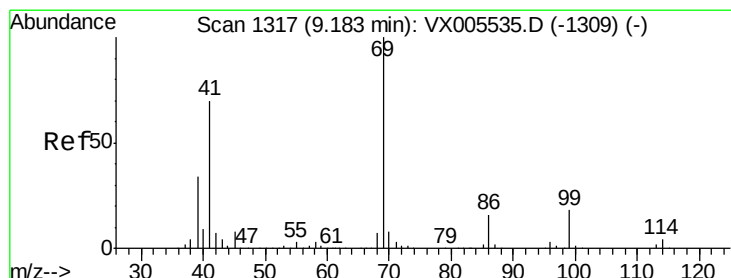
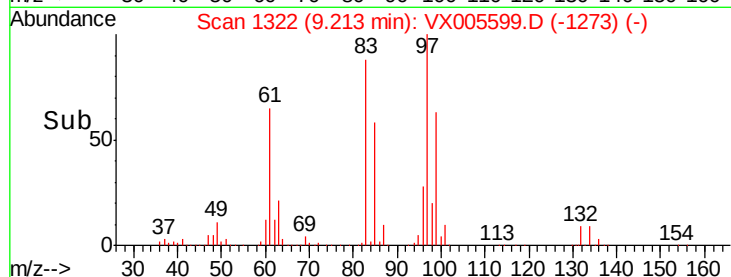
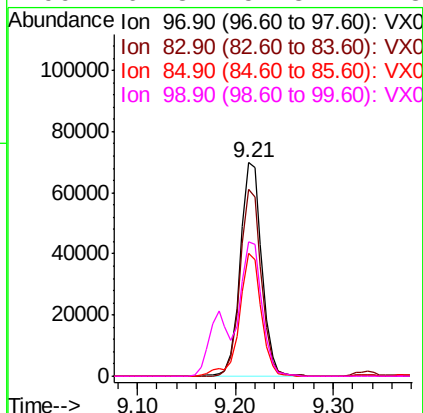
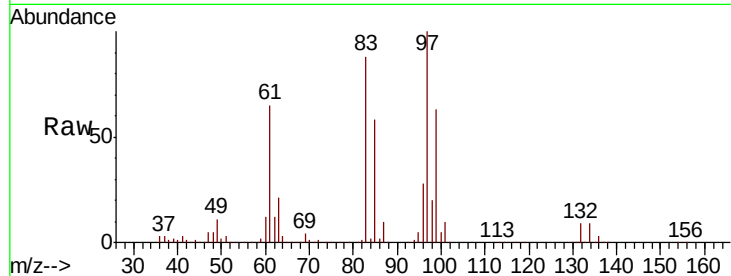
#55
 1,1,2-Trichloroethane
 Concen: 49.776 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.7	106.1
85	57.5	45.8	68.6
99	62.8	51.8	77.8

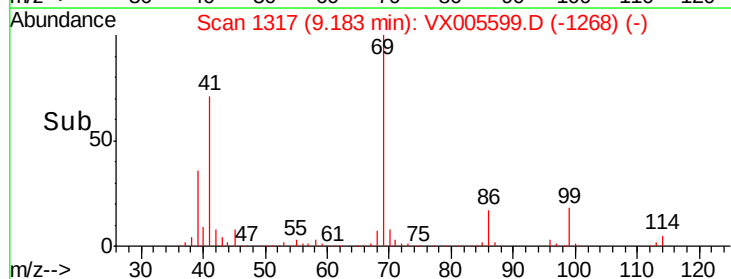
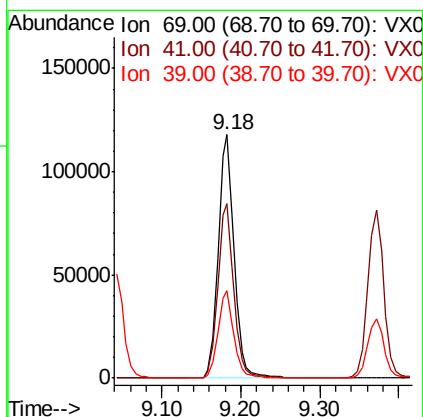
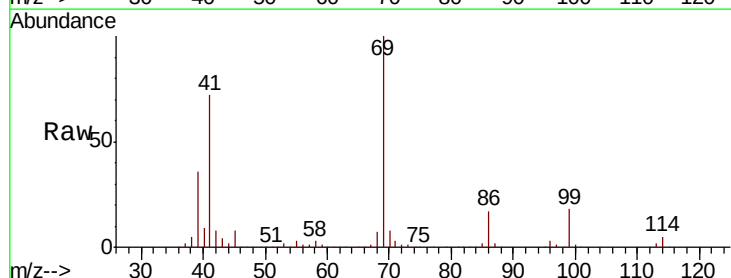
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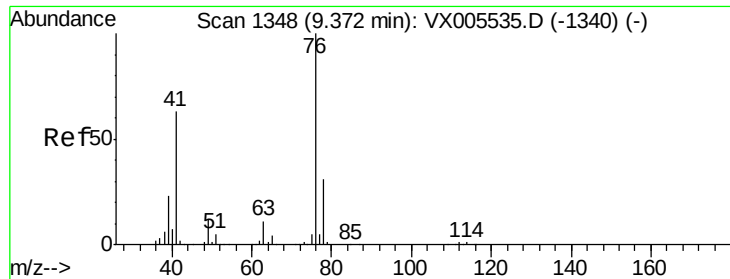
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#56
 Ethyl methacrylate
 Concen: 51.841 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.0	85.6
39	35.5	28.3	42.5





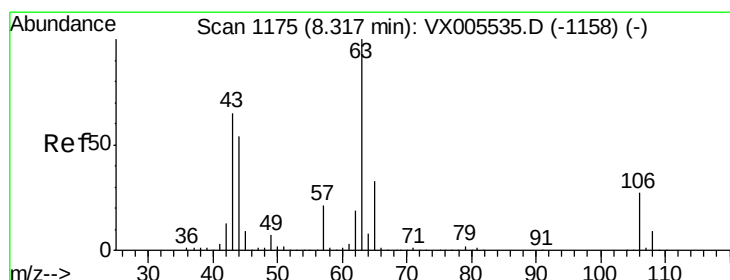
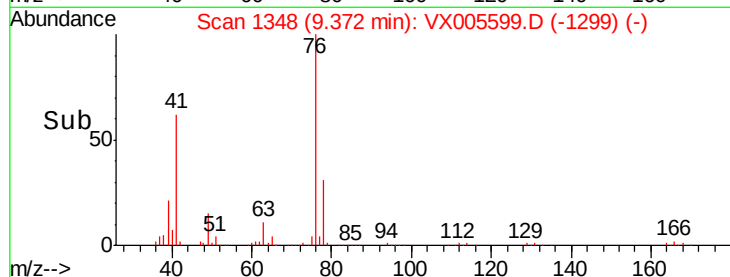
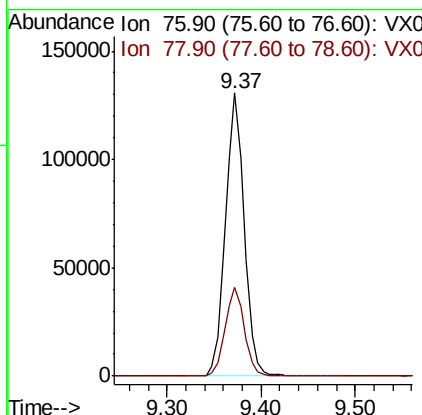
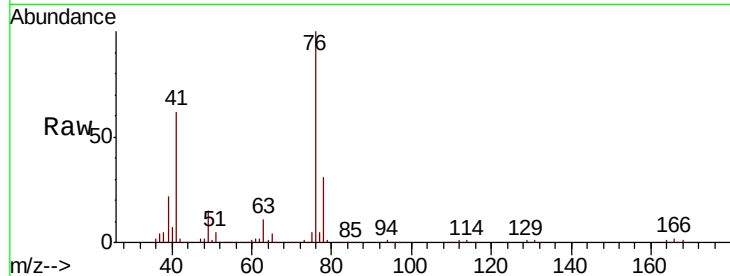
#57
 1,3-Dichloropropane
 Concen: 49.640 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 180248
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9

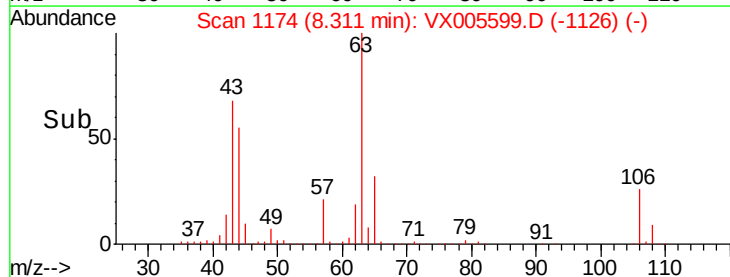
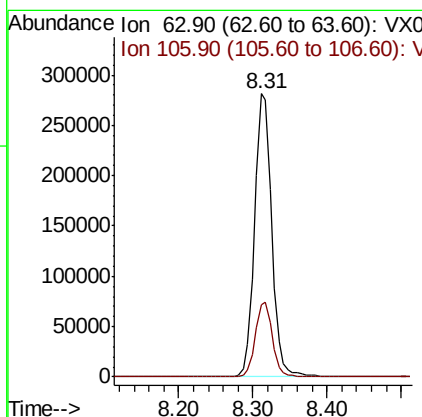
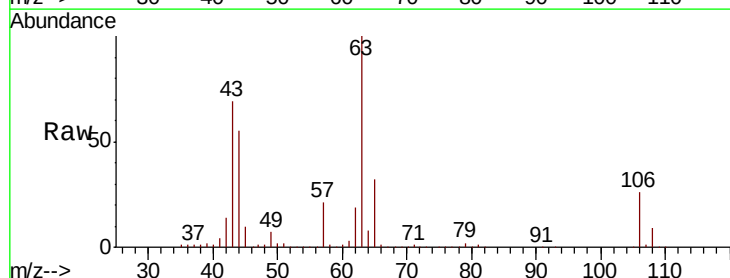
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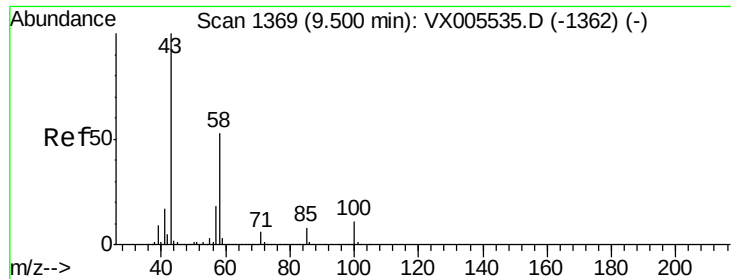
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#58
 2-Chloroethyl Vinyl ether
 Concen: 254.995 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion: 63 Resp: 455872
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9





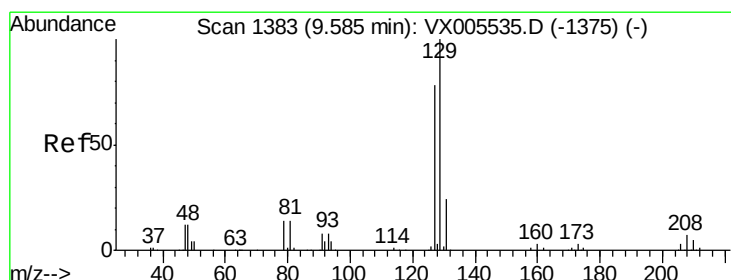
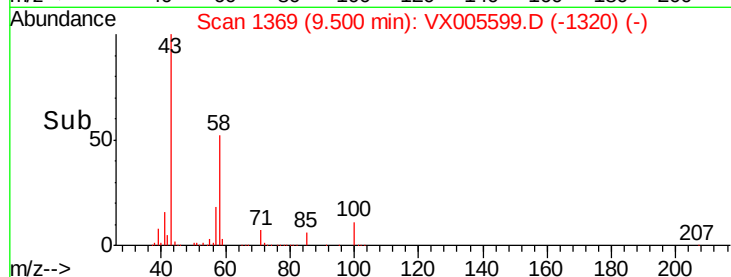
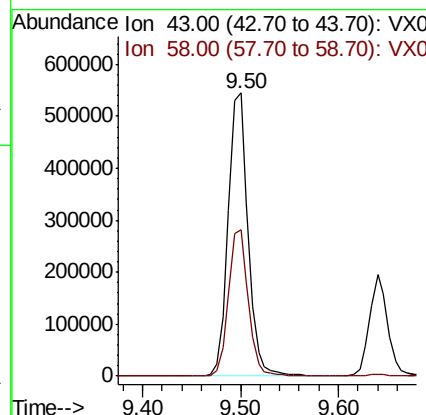
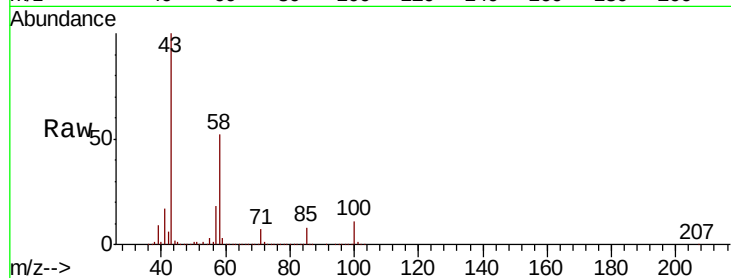
#59
2-Hexanone
Concen: 259.997 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 769704
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8

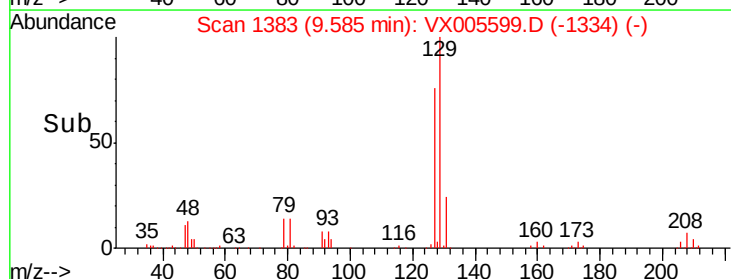
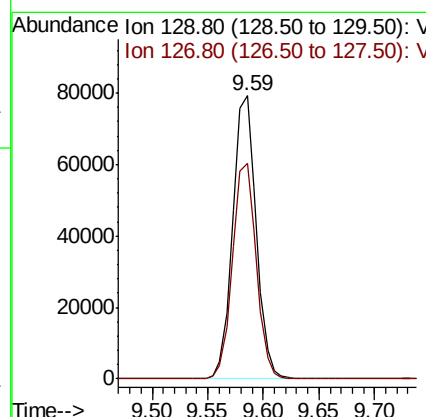
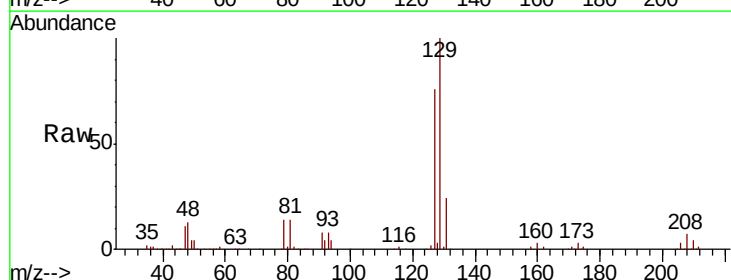
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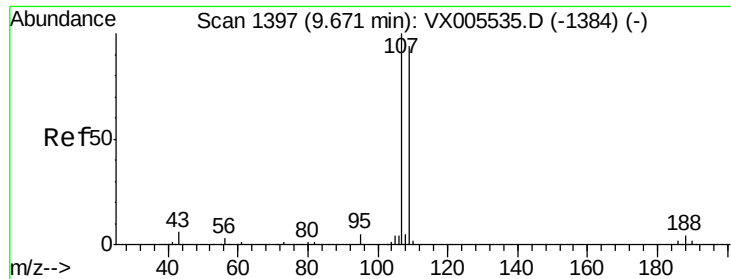
MMDadoda
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#60
Dibromochloromethane
Concen: 51.560 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion: 129 Resp: 115444
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.519 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 112160

Ion Ratio Lower Upper

107 100

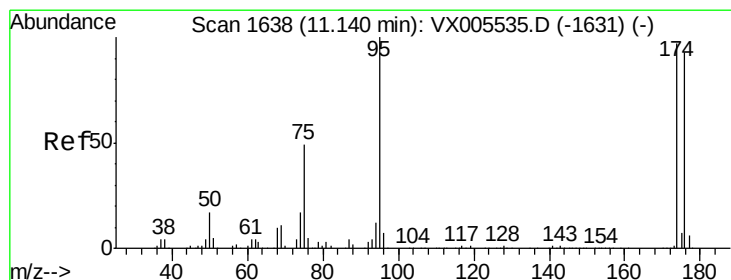
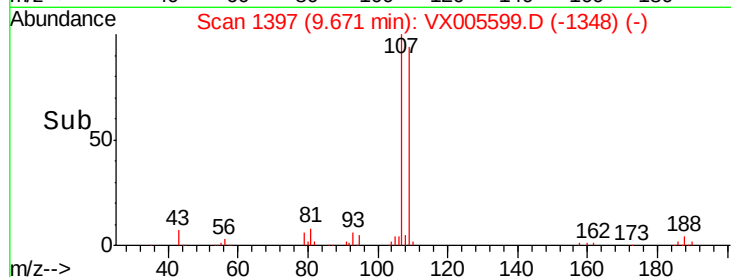
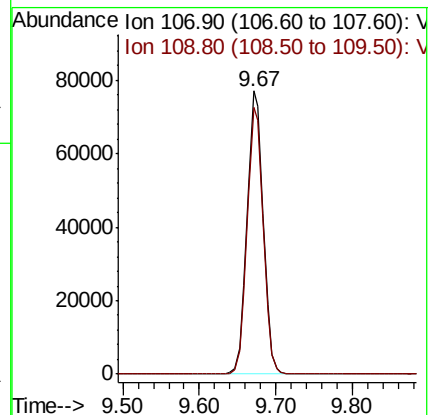
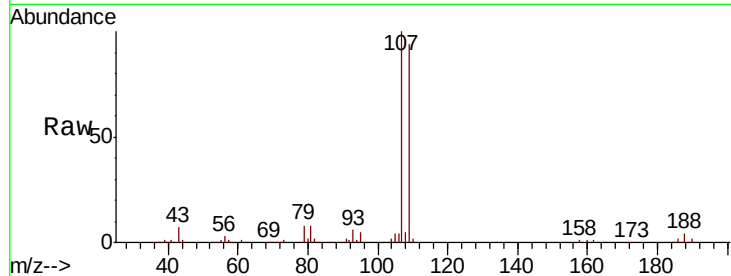
109 94.8 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 51.623 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

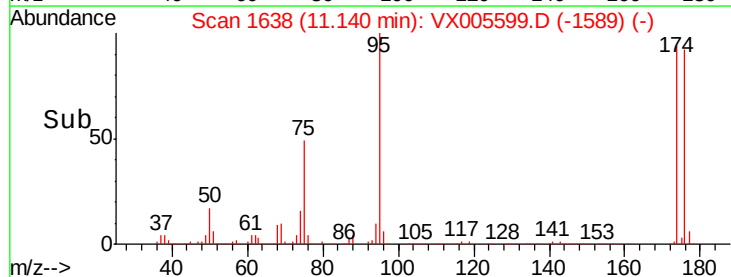
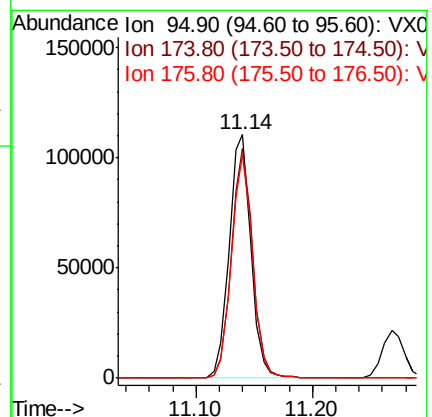
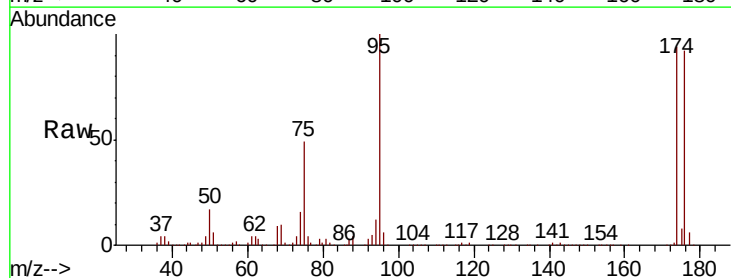
Tgt Ion: 95 Resp: 142800

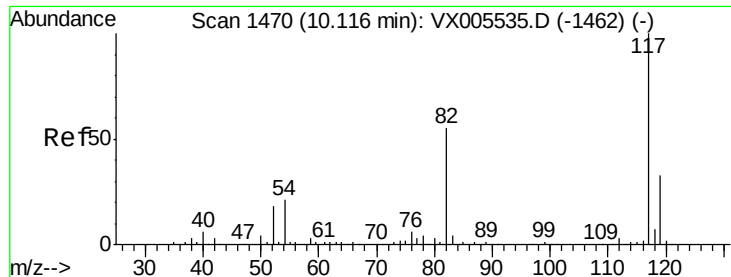
Ion Ratio Lower Upper

95 100

174 92.1 0.0 184.4

176 89.5 0.0 177.4





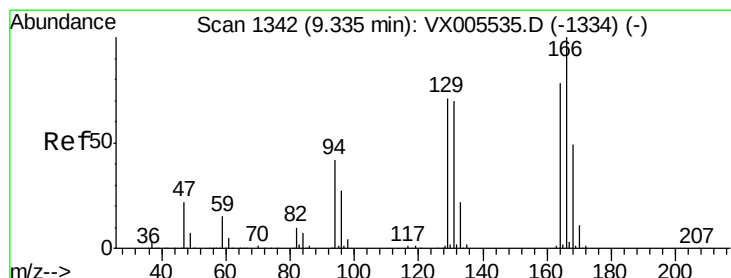
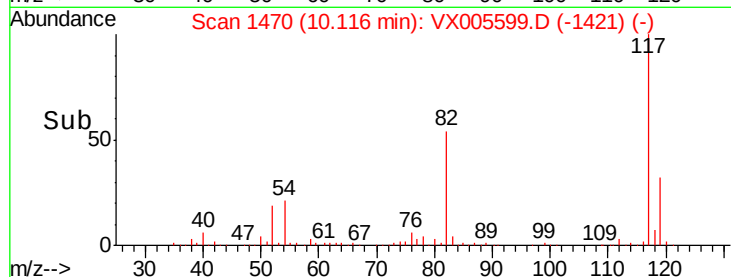
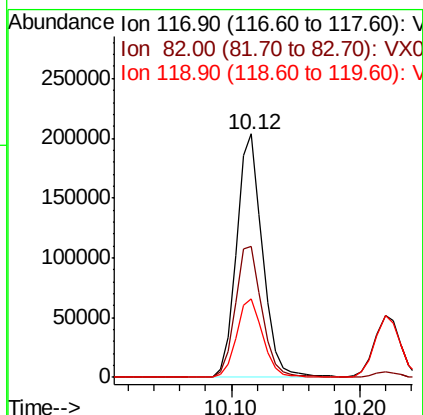
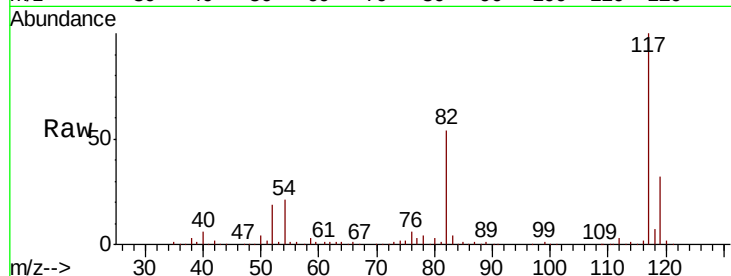
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.1	66.1
119	32.4	26.2	39.2

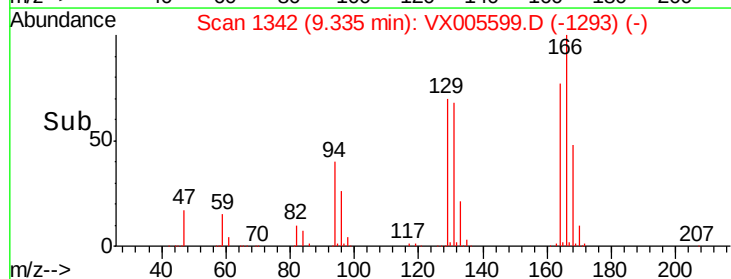
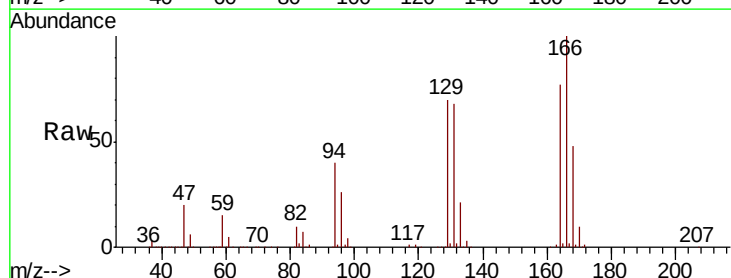
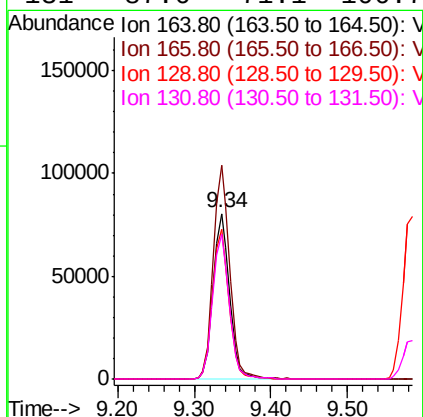
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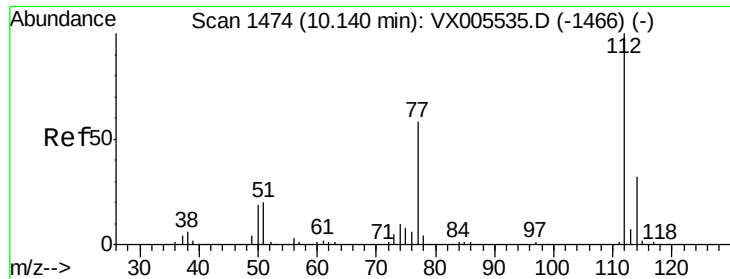
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#64
Tetrachloroethene
Concen: 50.977 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.9	152.9
129	90.9	72.6	109.0
131	87.6	71.1	106.7





#65

Chlorobenzene

Concen: 49.152 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 297188

Ion Ratio Lower Upper

112 100

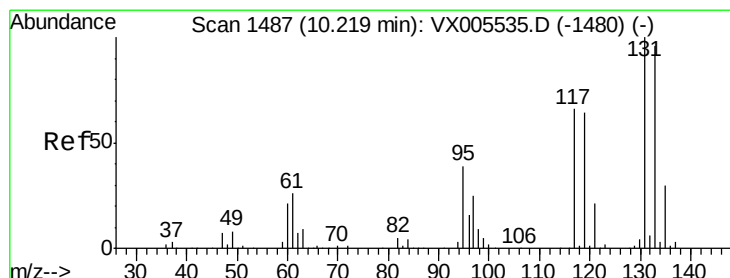
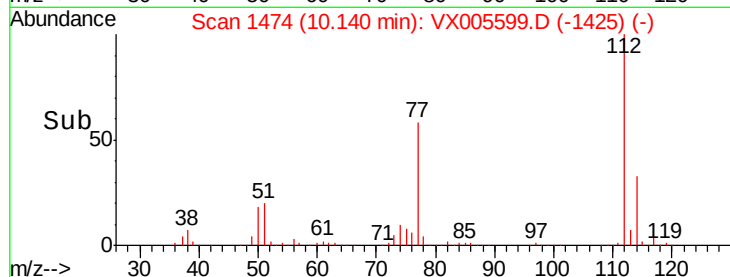
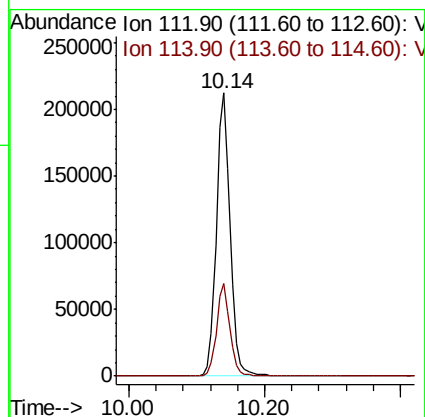
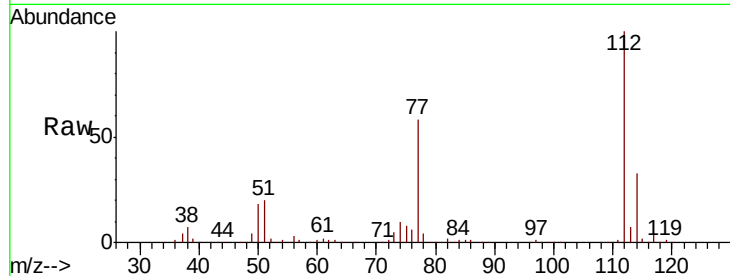
114 32.6 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.203 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

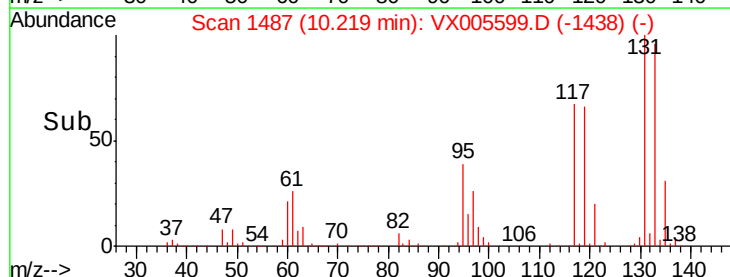
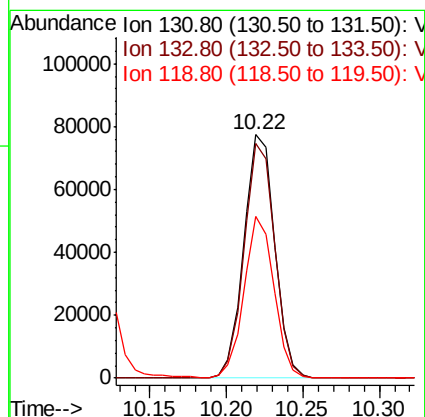
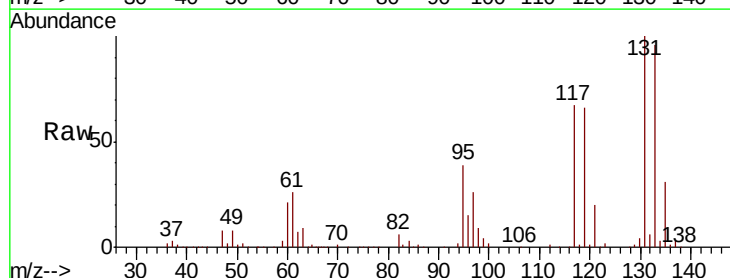
Tgt Ion:131 Resp: 108475

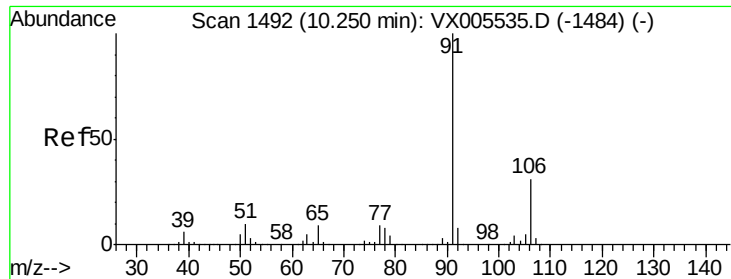
Ion Ratio Lower Upper

131 100

133 96.0 47.5 142.5

119 64.7 31.8 95.3





#67

Ethyl Benzene

Concen: 51.373 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 511056

Ion Ratio Lower Upper

91 100

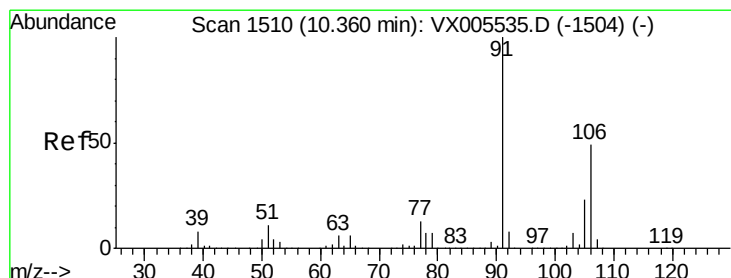
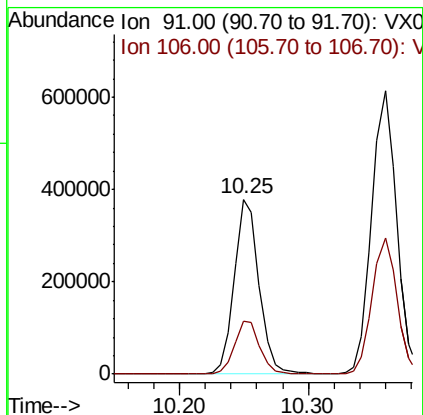
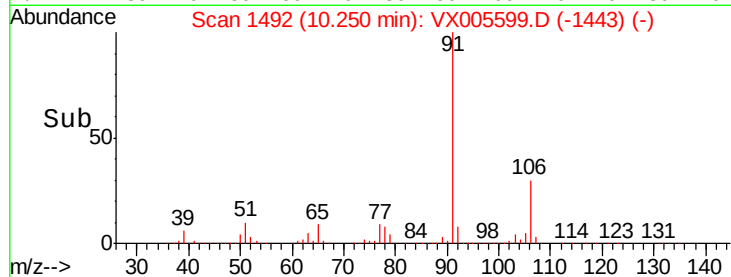
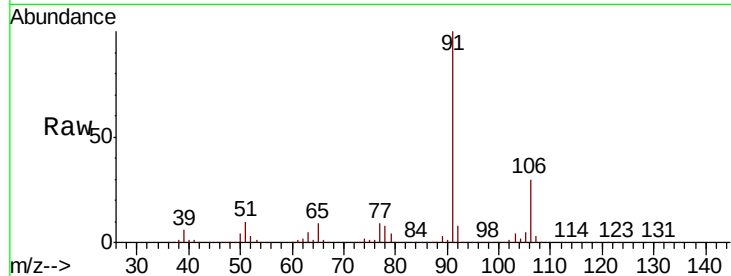
106 30.3 24.4 36.6

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#68

m/p-Xylenes

Concen: 103.592 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005599.D

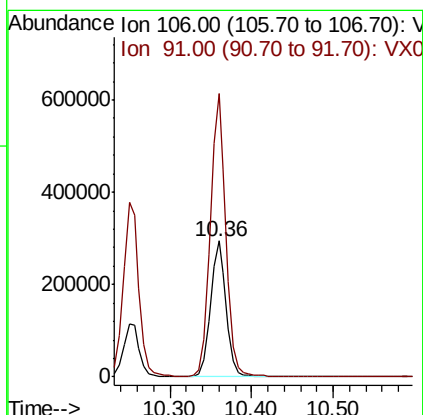
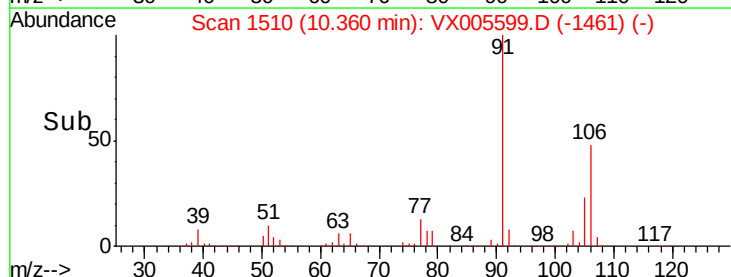
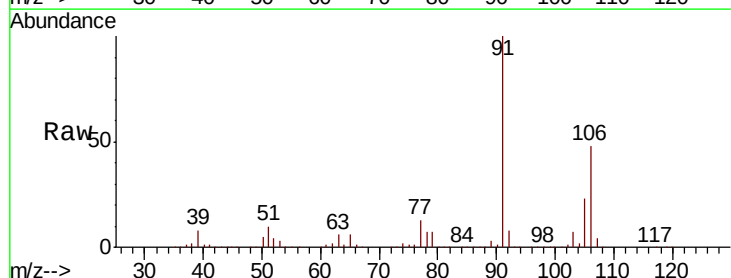
Acq: 26 Oct 2018 12:31

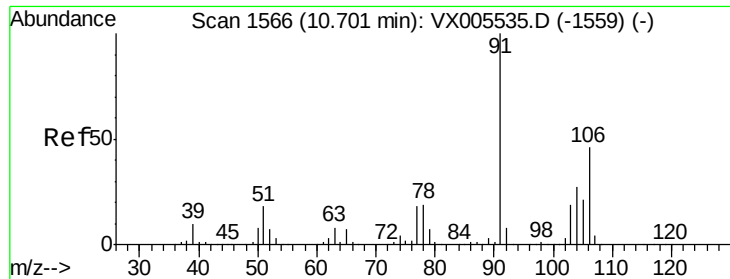
Tgt Ion: 106 Resp: 399813

Ion Ratio Lower Upper

106 100

91 206.7 164.2 246.4





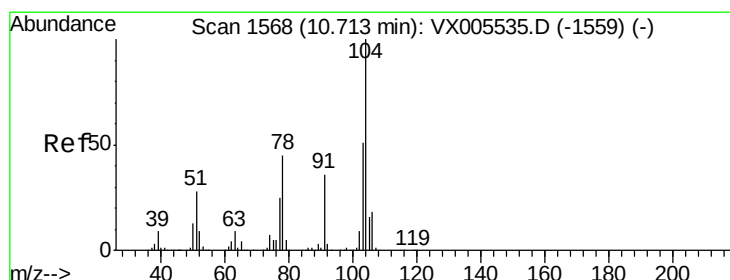
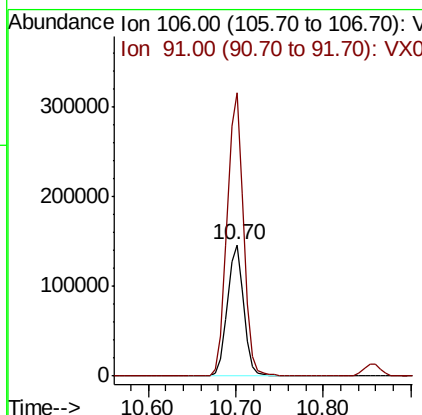
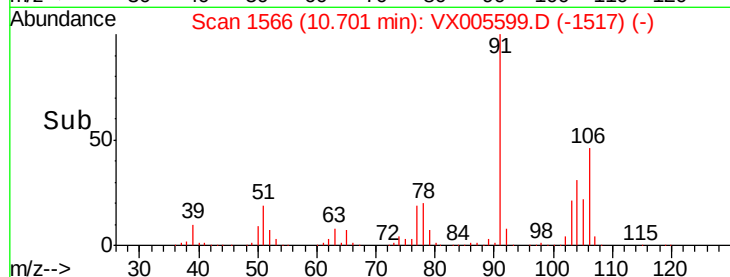
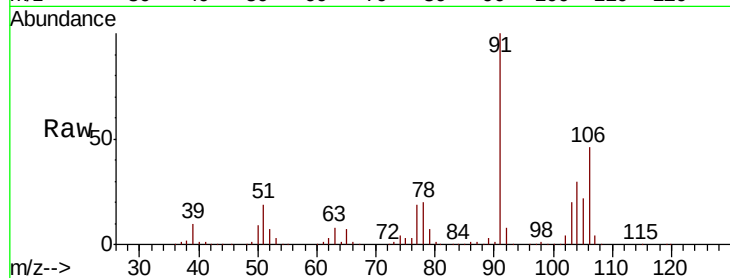
#69
o-Xylene
Concen: 51.842 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.4	108.5	325.5

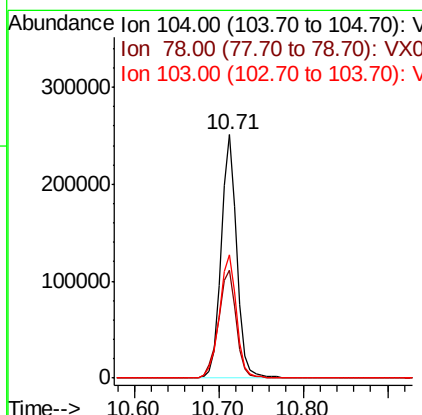
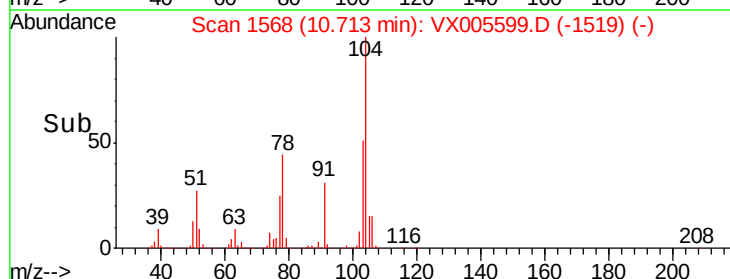
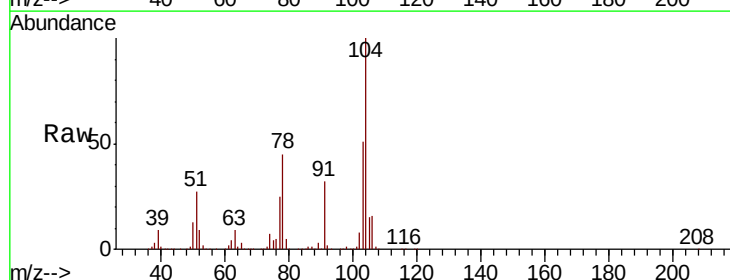
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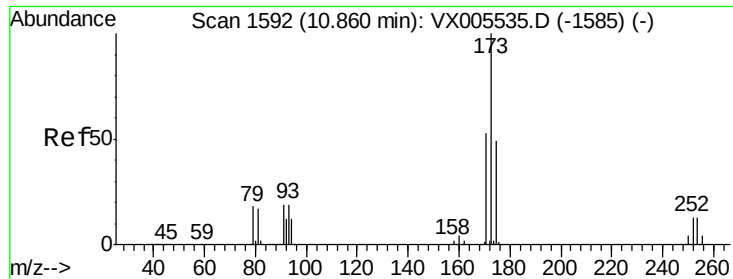
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#70
Styrene
Concen: 53.178 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	40.2	60.4
103	56.0	44.9	67.3





#71

Bromoform

Concen: 49.465 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

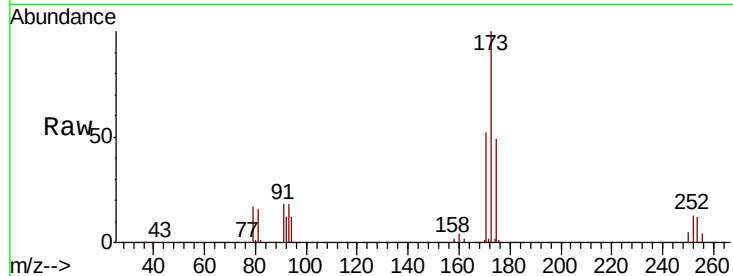
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	97314
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.8	74.3
254	0.2	0.2	0.2

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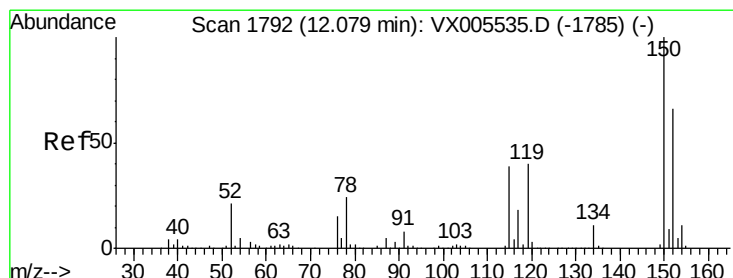
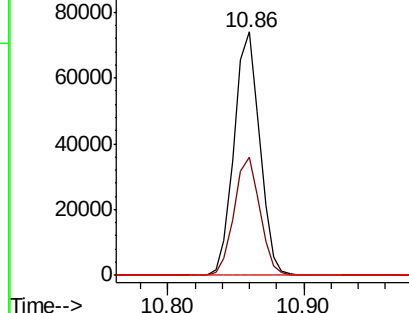
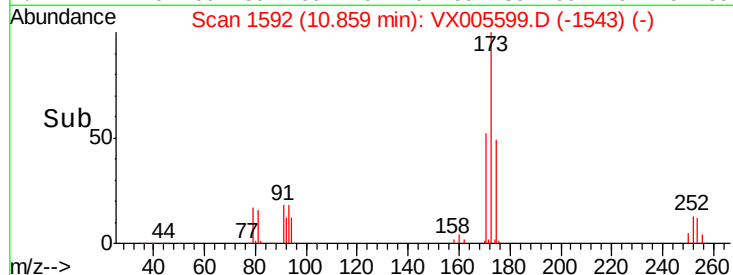


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

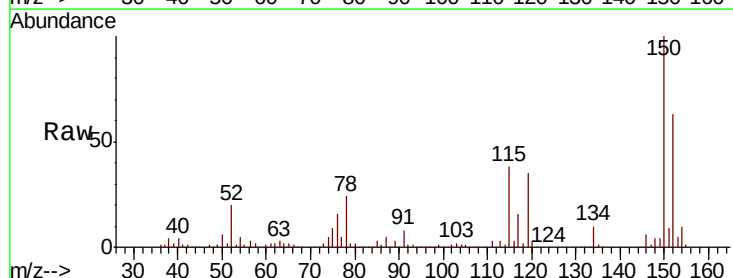
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Tgt Ion:	152	Resp:	167786
Ion Ratio	Lower	Upper	
152	100		
115	78.5	39.4	118.1
150	173.2	0.0	346.4

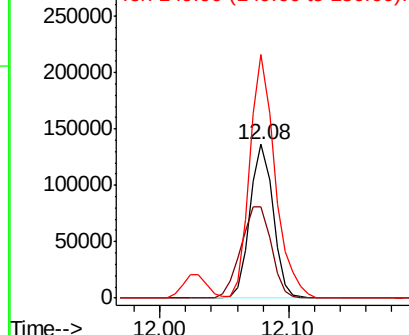
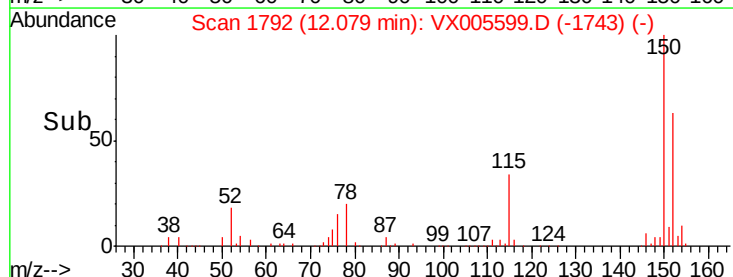


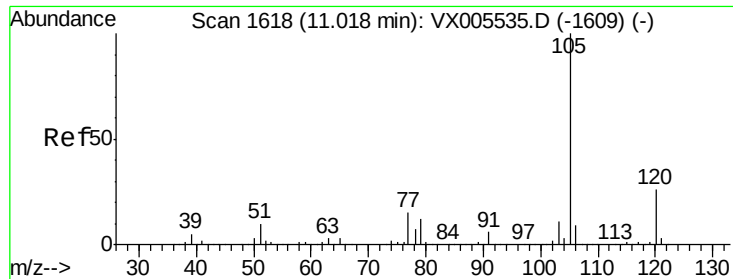
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.016 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 523240

Ion Ratio Lower Upper

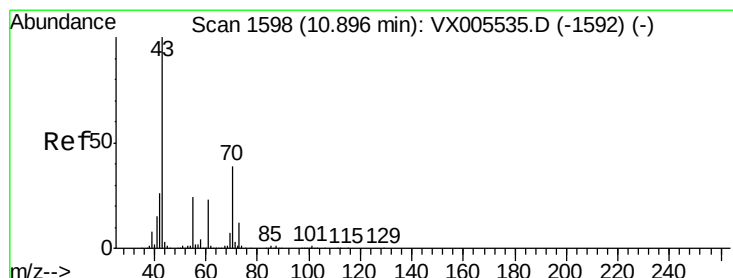
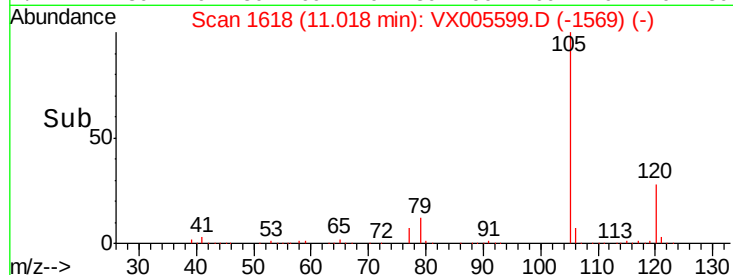
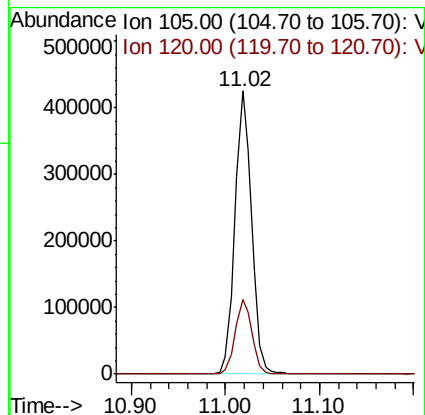
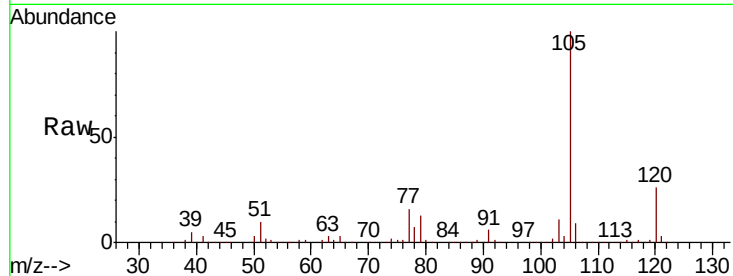
105 100

120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 48.847 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Tgt Ion: 43 Resp: 248245

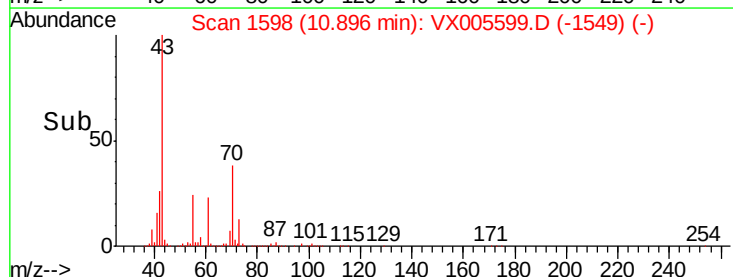
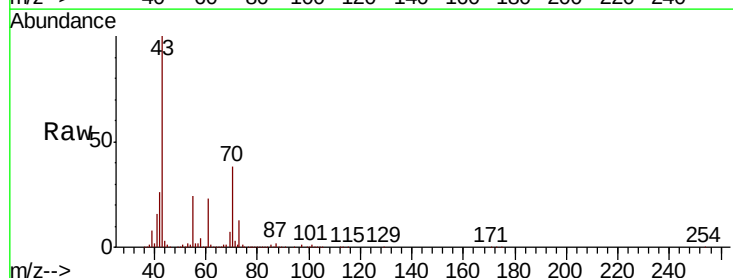
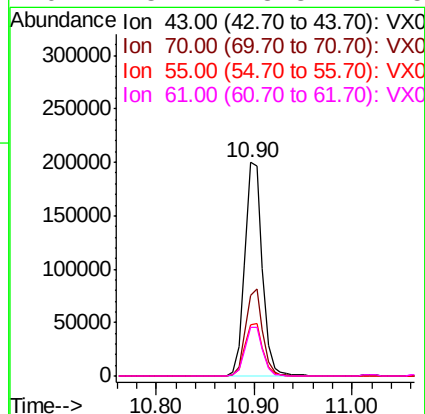
Ion Ratio Lower Upper

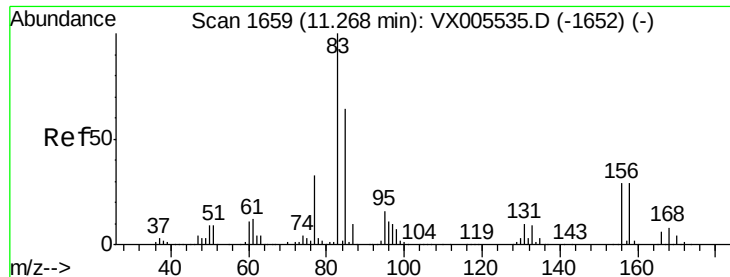
43 100

70 39.8 31.6 47.4

55 25.3 19.7 29.5

61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.782 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

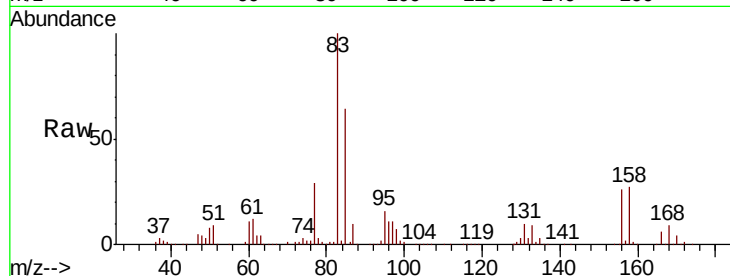
ClientSampleId :

VSTDCCC050

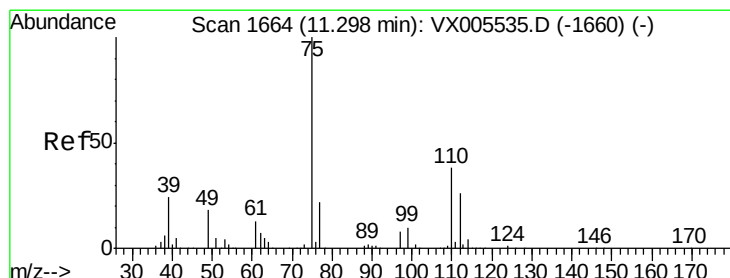
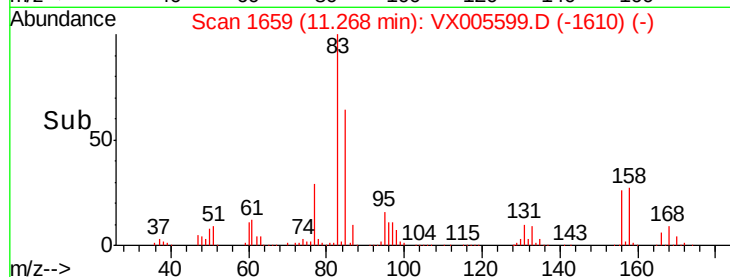
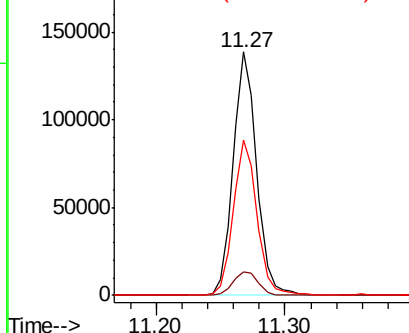
Tot Ion:	83	Resp:	177021
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.9
85	64.5	32.0	96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.247 ug/l m

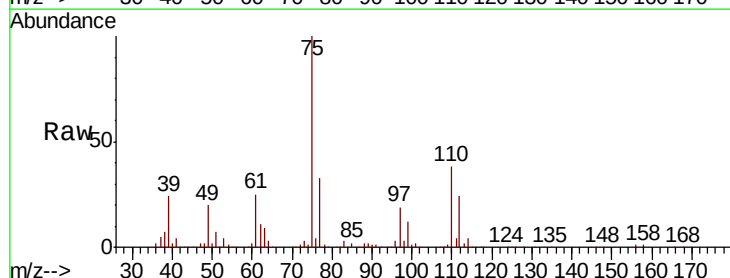
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

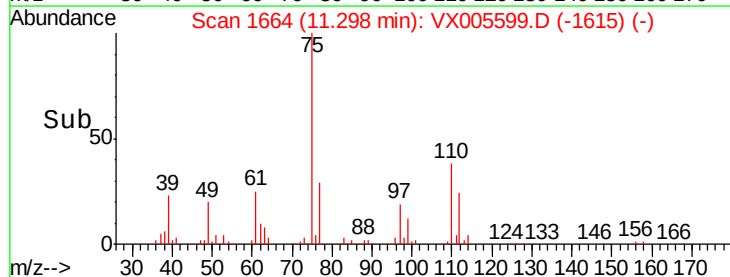
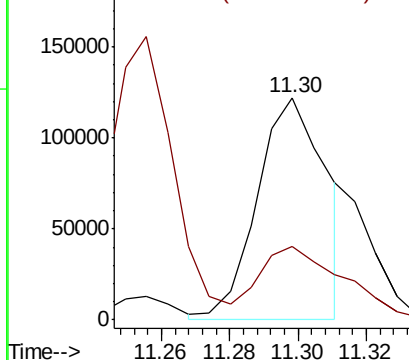
Lab File: VX005599.D

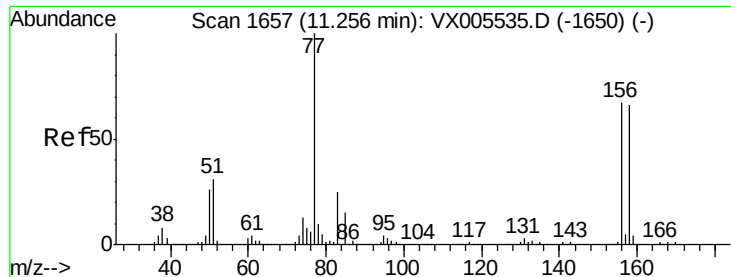
Acq: 26 Oct 2018 12:31

Tgt Ion:	75	Resp:	171517
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.5	61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.814 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 139528

Ion Ratio Lower Upper

156 100

77 146.0 74.8 224.4

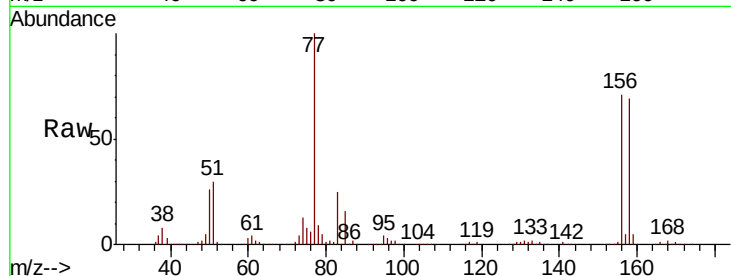
158 97.8 49.1 147.3

Manual Integrations

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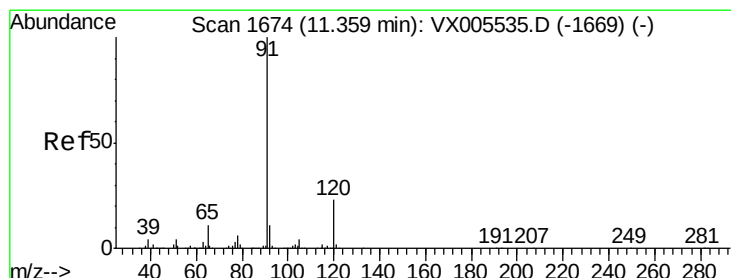
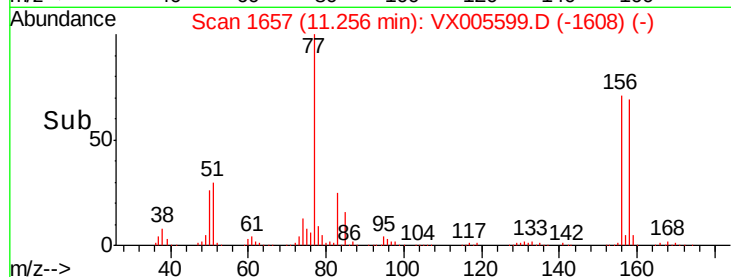
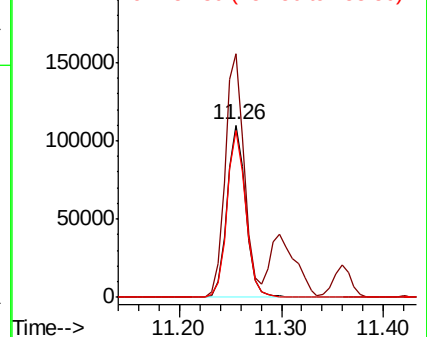


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.761 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005599.D

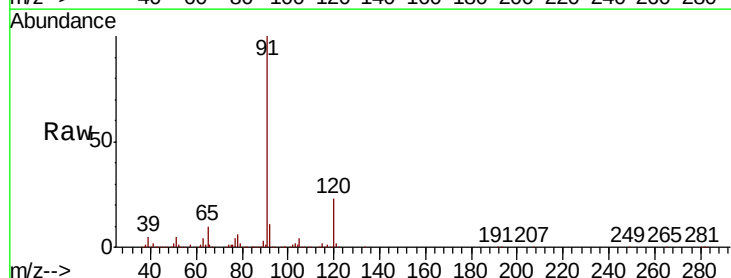
Acq: 26 Oct 2018 12:31

Tgt Ion: 91 Resp: 618772

Ion Ratio Lower Upper

91 100

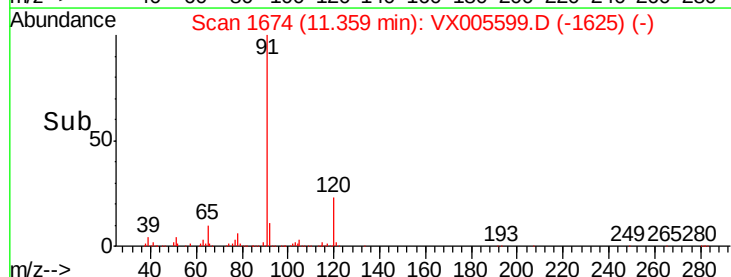
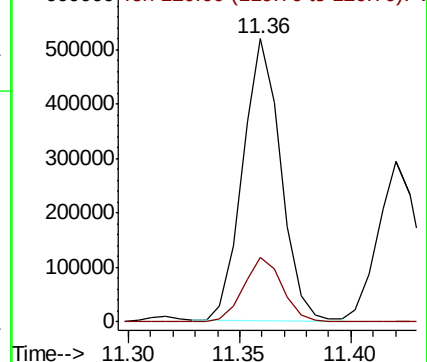
120 23.5 11.9 35.5

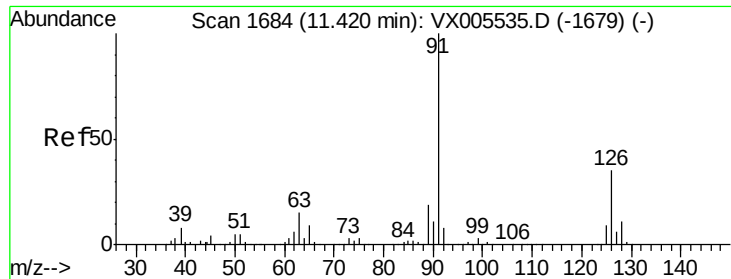


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.947 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 363194

Ion Ratio Lower Upper

91 100

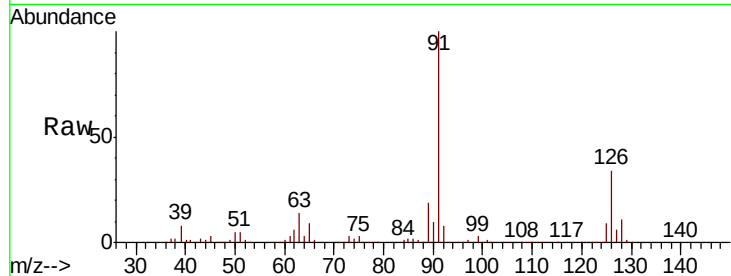
126 34.6 17.3 52.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1679) (-)

600000

500000

400000

300000

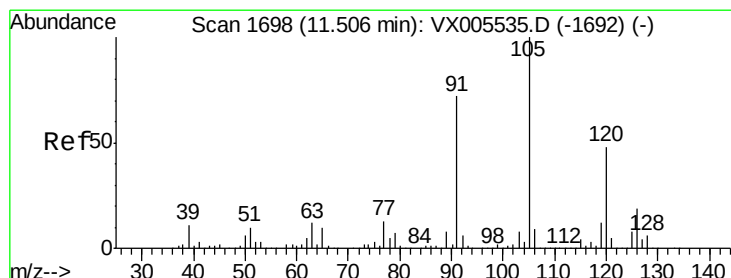
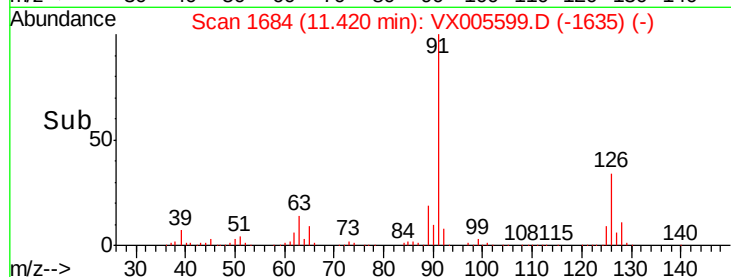
200000

100000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.086 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005599.D

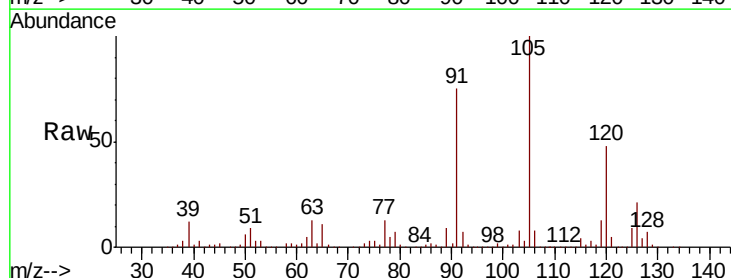
Acq: 26 Oct 2018 12:31

Tgt Ion: 105 Resp: 456996

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1692) (-)

400000

300000

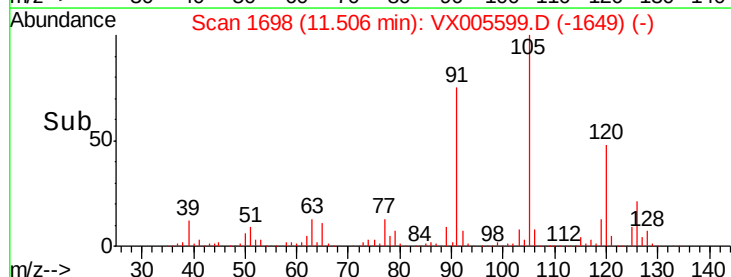
200000

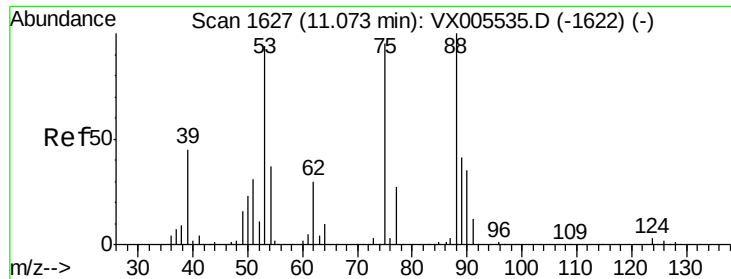
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.944 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 54338

Ion Ratio Lower Upper

75 100

53 98.9 80.2 120.2

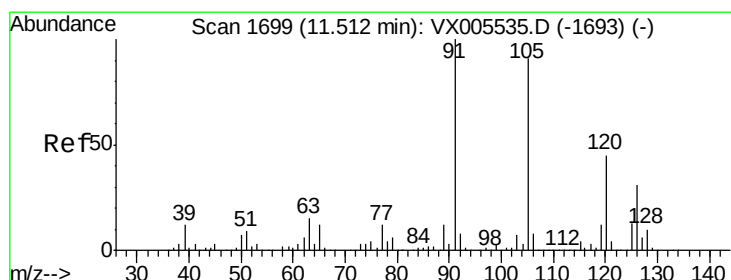
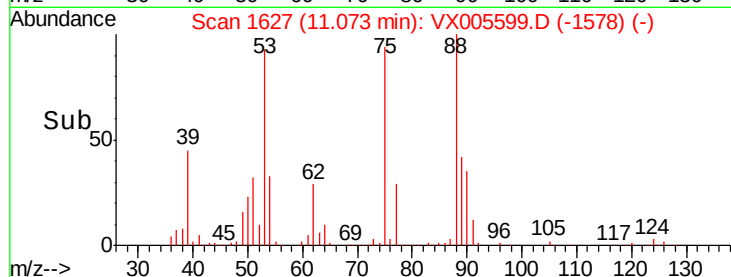
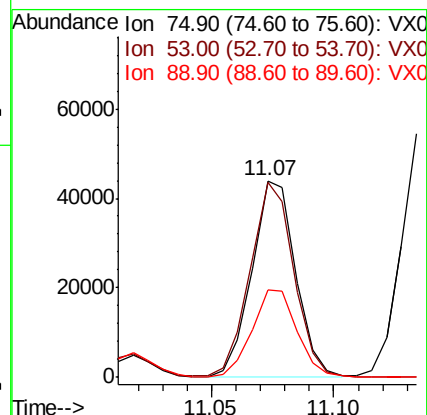
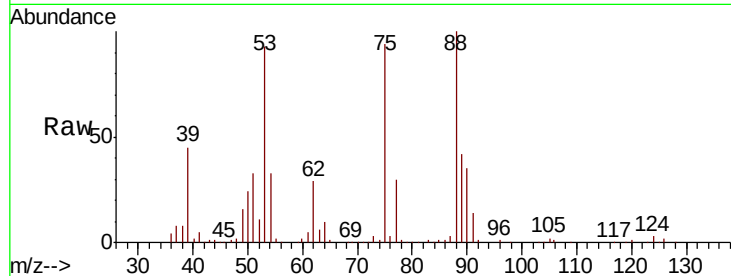
89 46.8 39.8 59.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 50.839 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005599.D

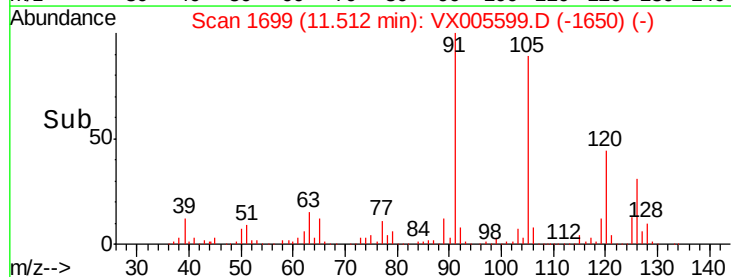
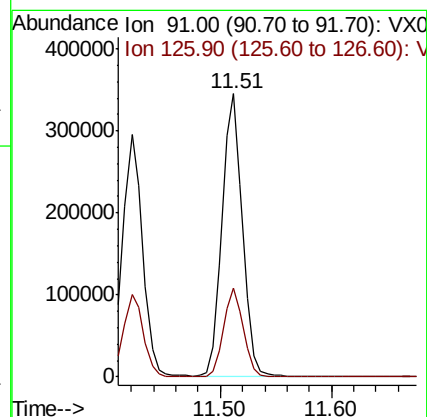
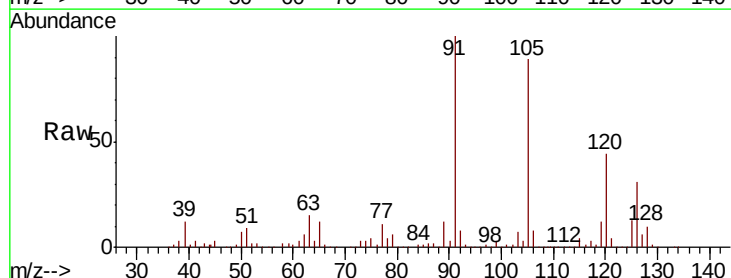
Acq: 26 Oct 2018 12:31

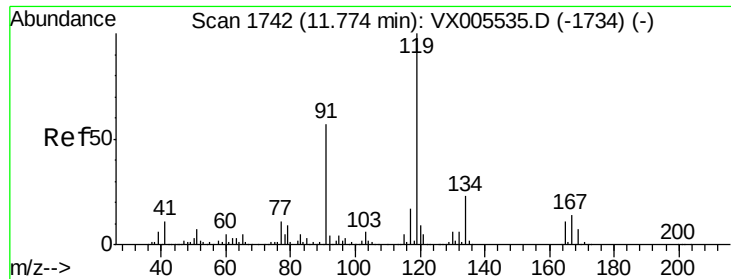
Tgt Ion: 91 Resp: 435915

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.6





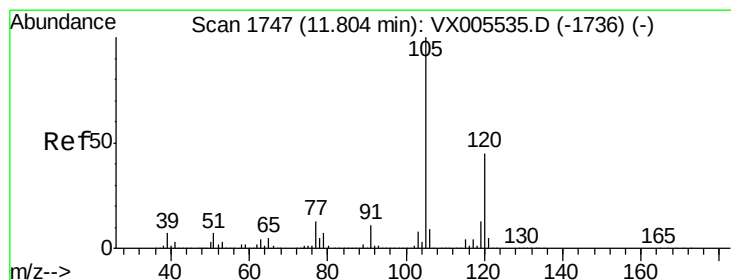
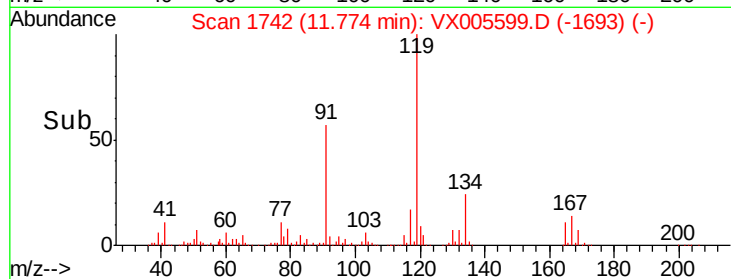
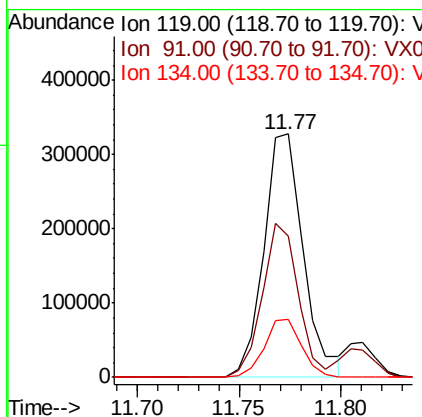
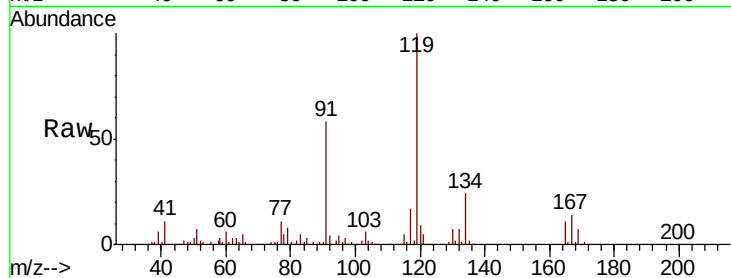
#83
 tert-Butylbenzene
 Concen: 50.632 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.5	85.5
134	22.7	11.3	33.8

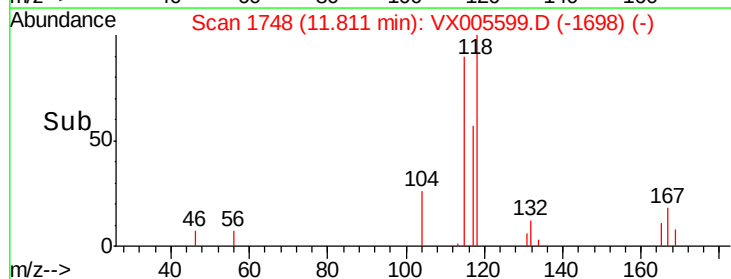
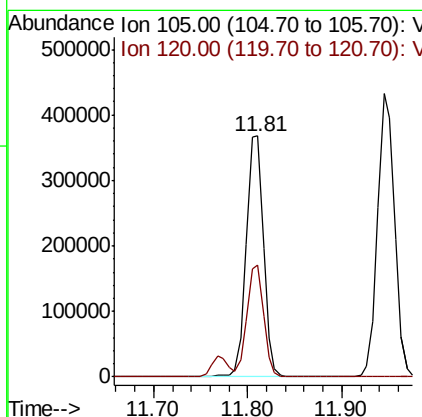
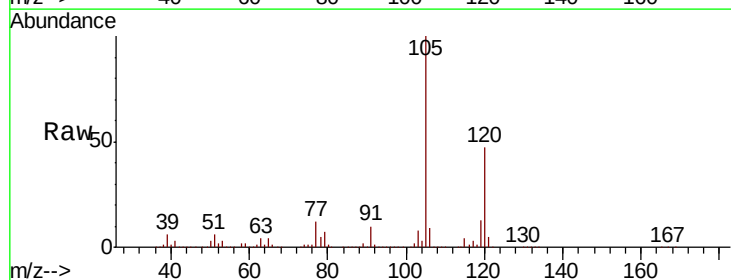
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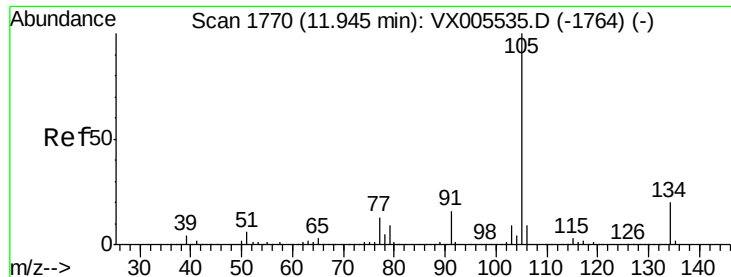
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.026 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.0





#85

sec-Butylbenzene

Concen: 51.851 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 541120

Ion Ratio Lower Upper

105 100

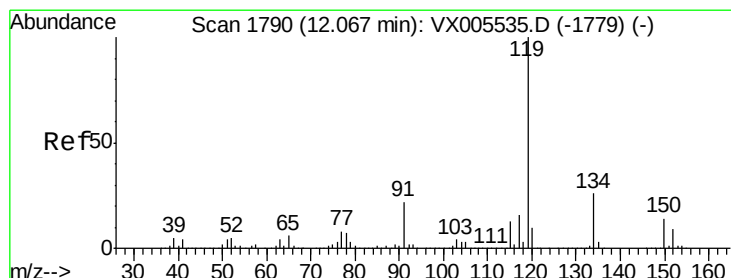
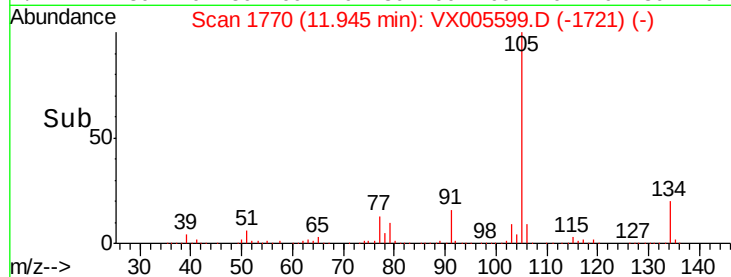
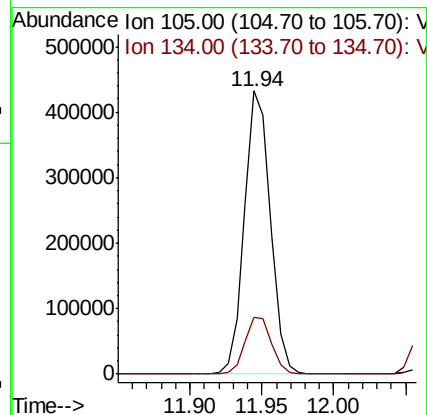
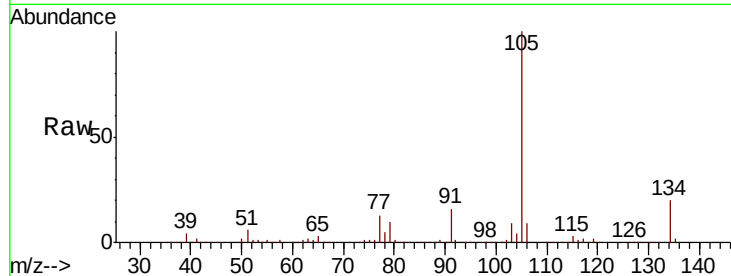
134 20.6 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 53.316 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

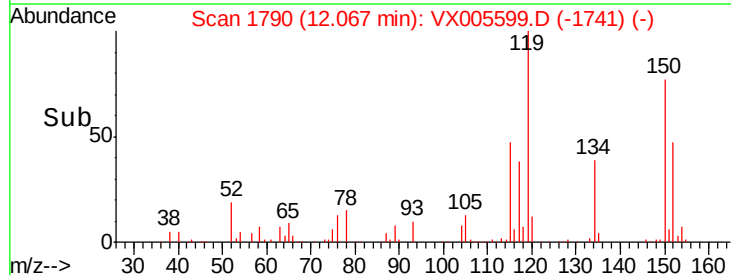
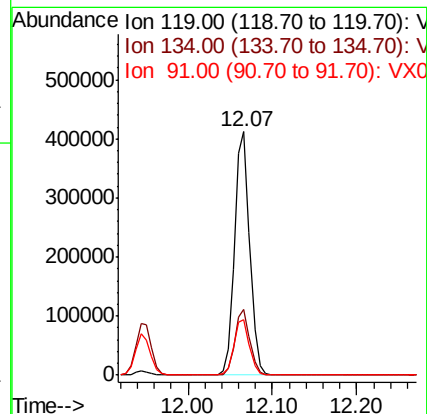
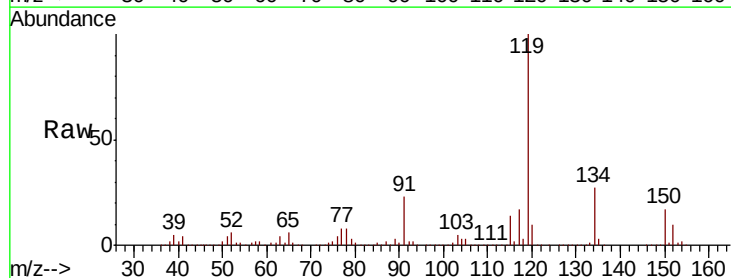
Tgt Ion:119 Resp: 497397

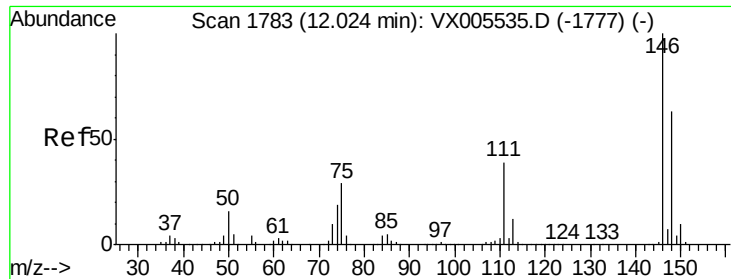
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.5 11.4 34.2





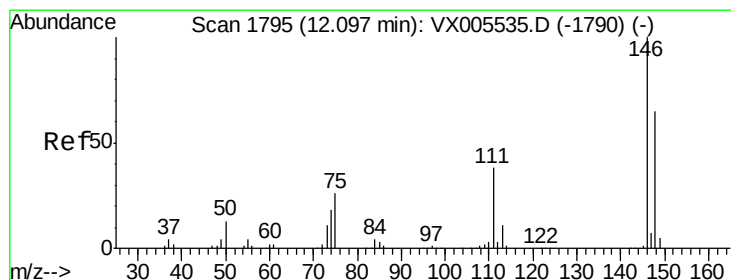
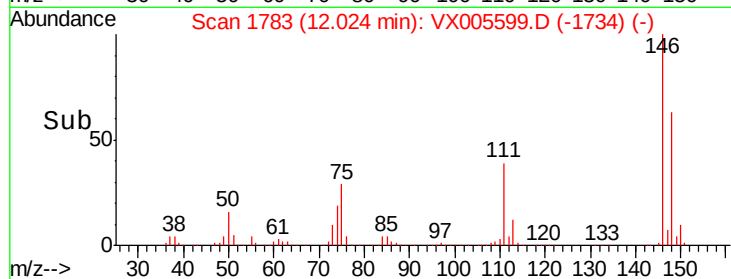
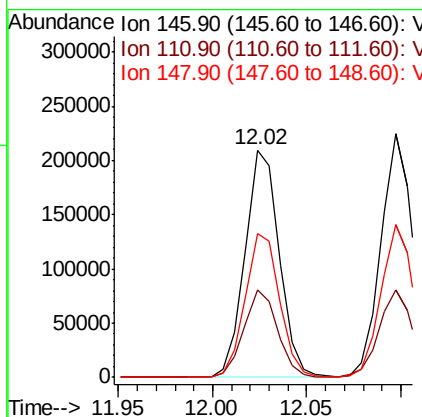
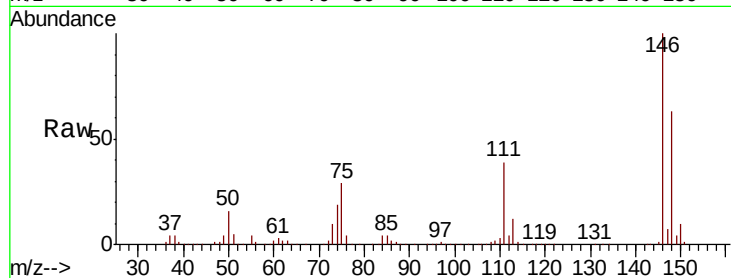
#87
 1,3-Dichlorobenzene
 Concen: 49.260 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.0	31.9	95.9

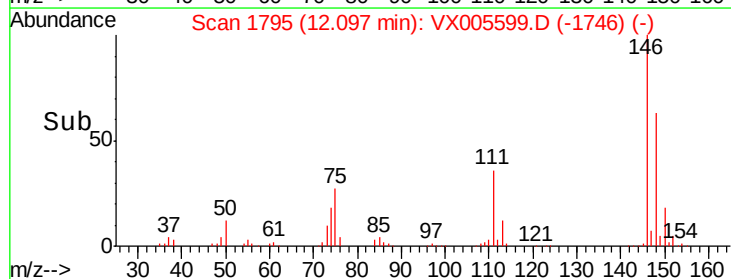
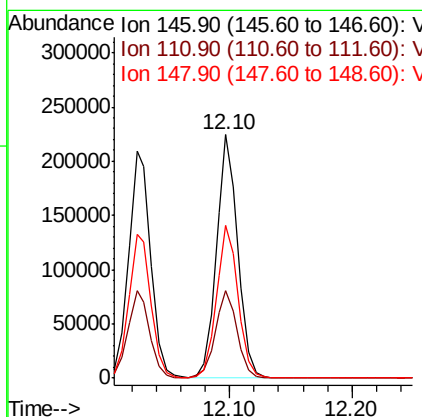
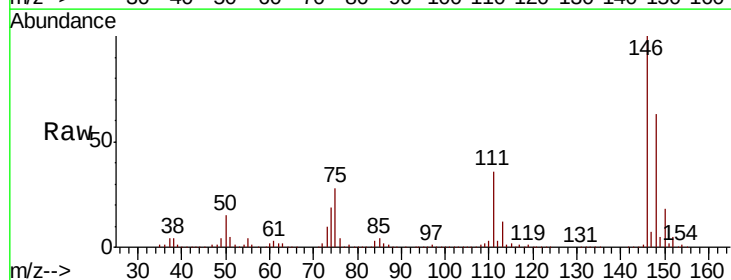
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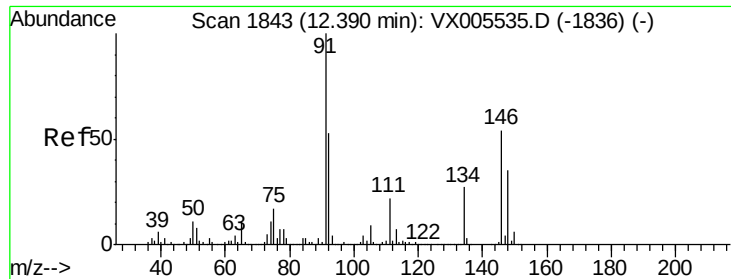
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#88
 1,4-Dichlorobenzene
 Concen: 48.458 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	63.6	32.1	96.3





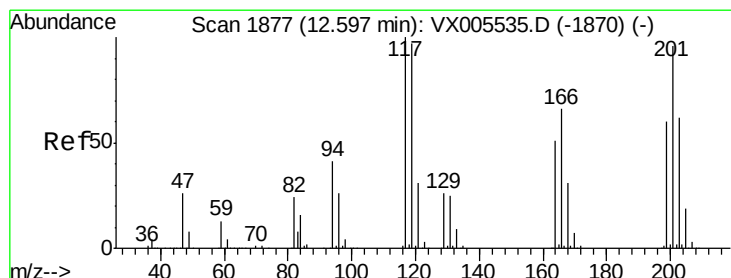
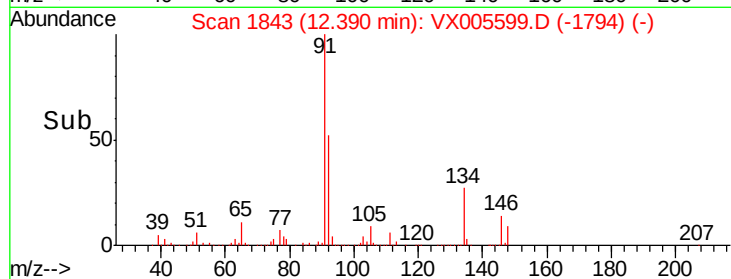
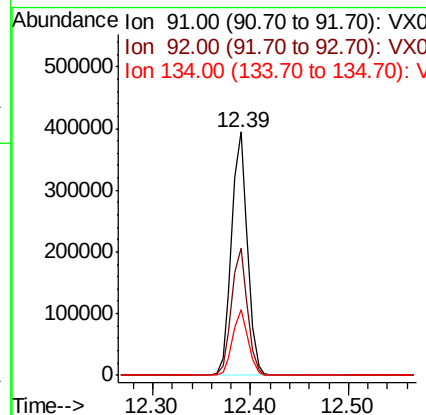
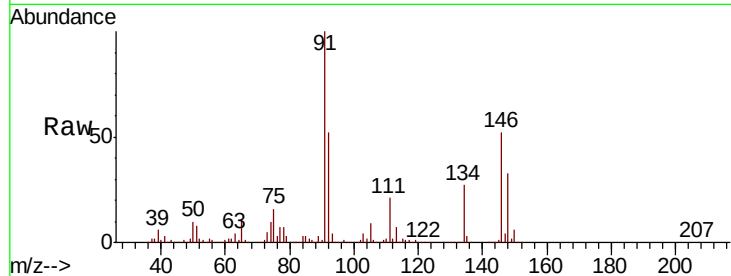
#89
n-Butylbenzene
Concen: 52.980 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.2
134	26.6	13.1	39.3

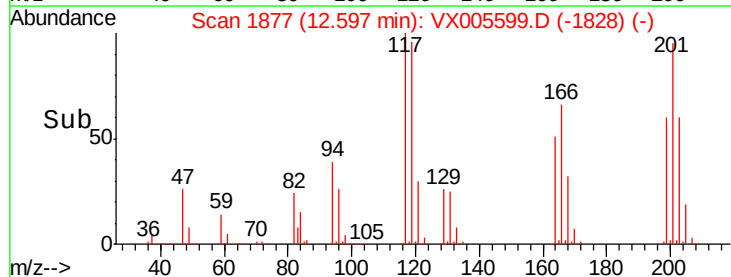
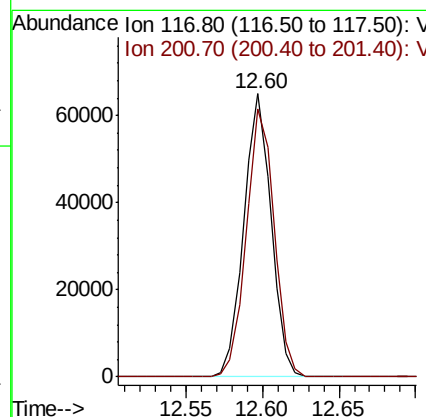
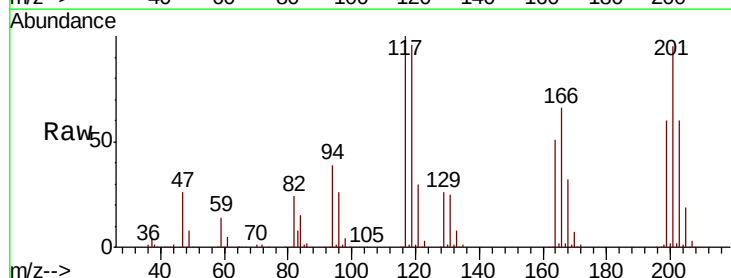
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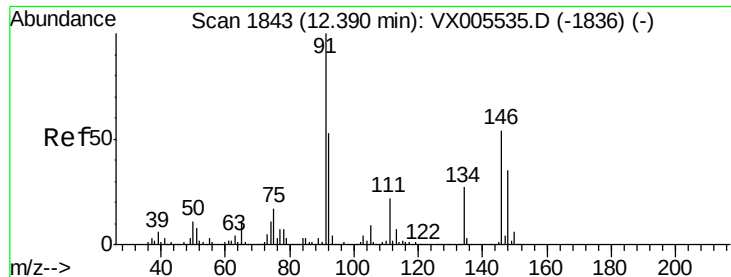
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#90
Hexachloroethane
Concen: 49.898 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.5	47.9	143.6





#91

1,2-Dichlorobenzene

Concen: 48.518 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Instrument :

MSVOA_X

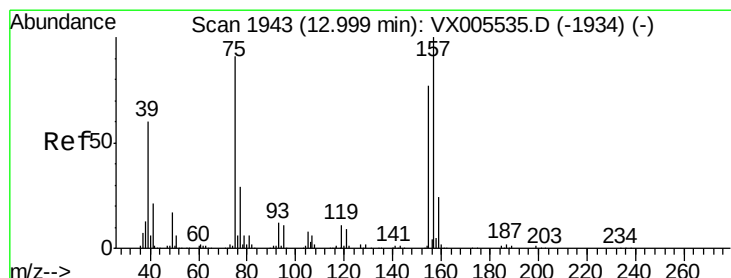
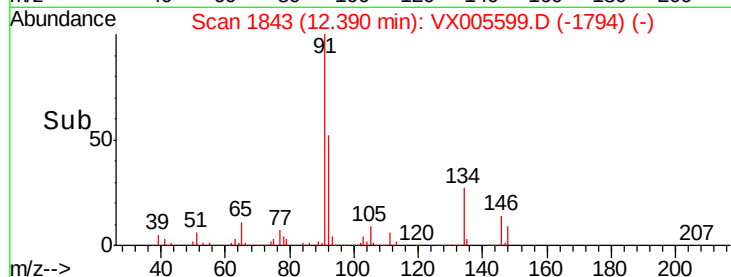
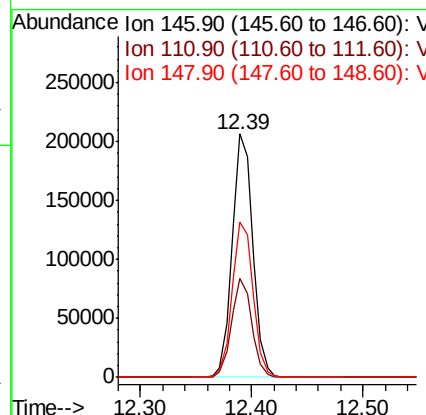
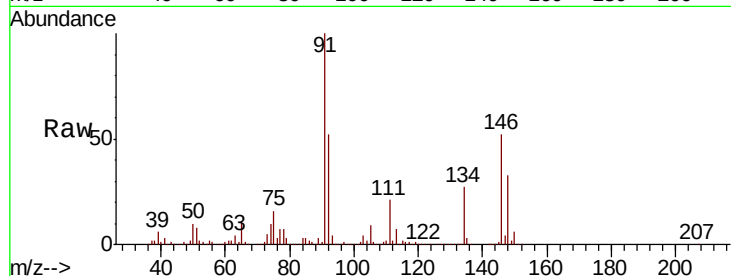
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	263850
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.0	59.9
148	64.5	32.2	96.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.387 ug/l

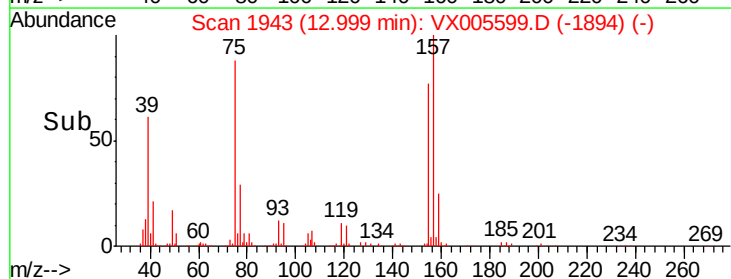
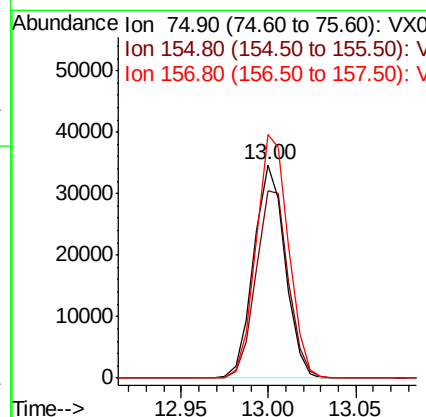
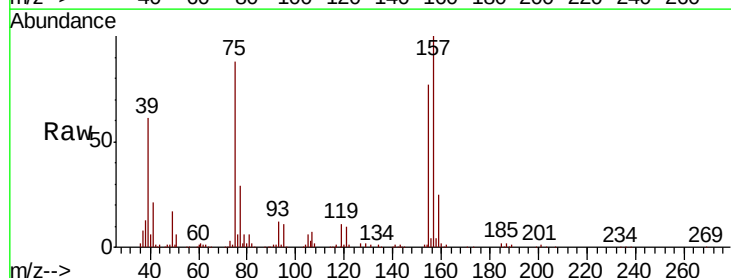
RT: 13.00 min Scan# 1943

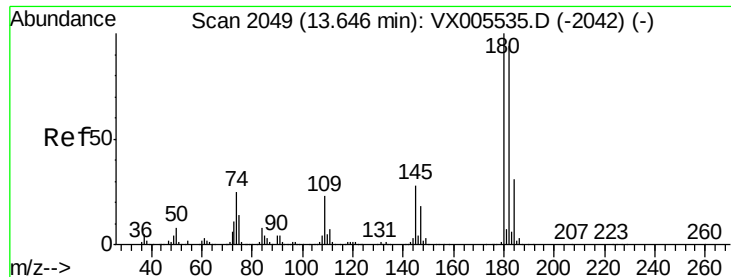
Delta R.T. -0.00 min

Lab File: VX005599.D

Acq: 26 Oct 2018 12:31

Tgt Ion:	75	Resp:	43355
Ion Ratio	Lower	Upper	
75	100		
155	90.3	45.4	136.1
157	117.5	57.4	172.0





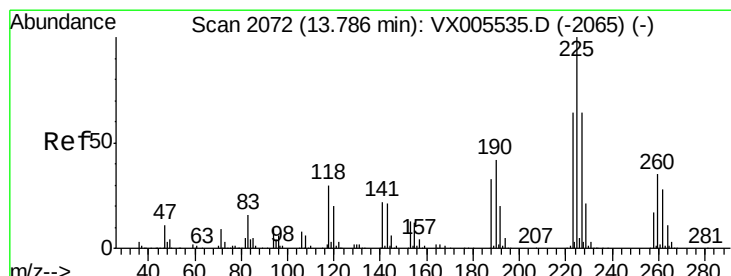
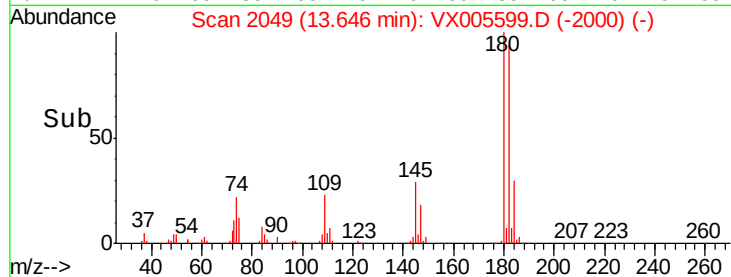
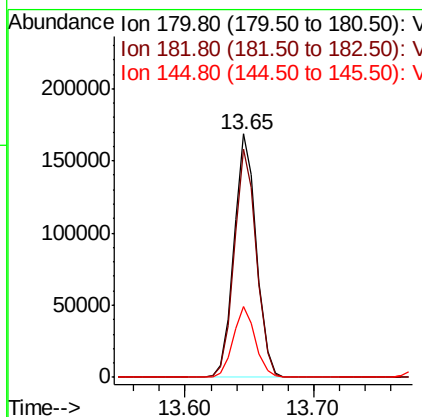
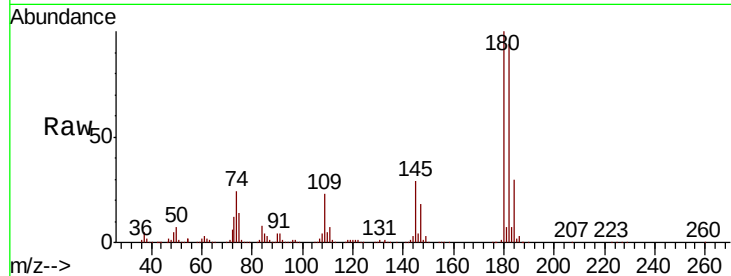
#93
 1,2,4-Trichlorobenzene
 Concen: 51.555 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	203237		
182	93.6	47.6	142.8	
145	28.6	14.1	42.2	

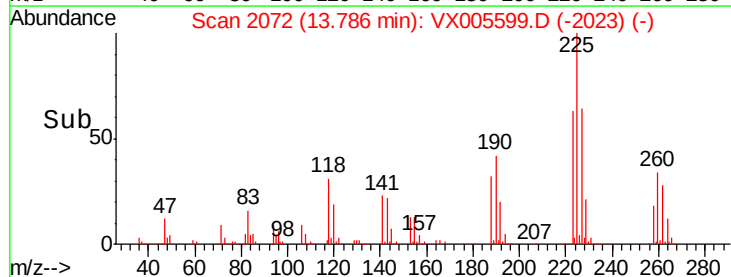
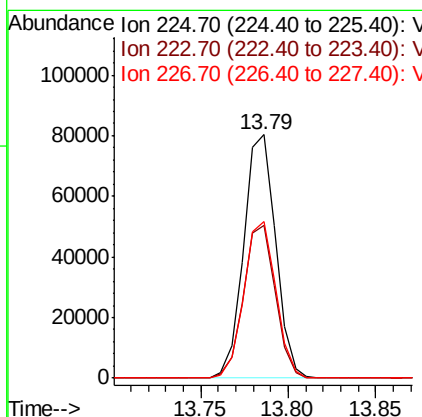
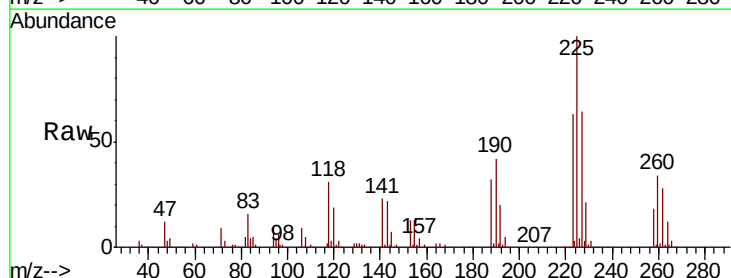
Manual Integrations
 APPROVED

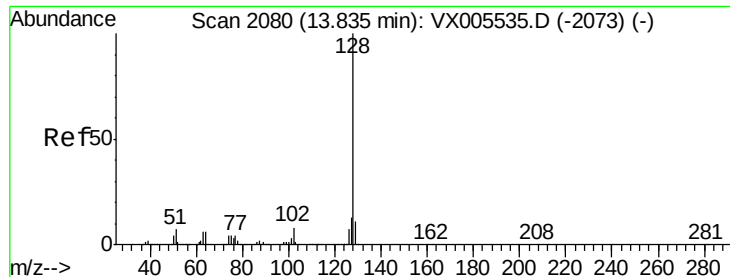
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 49.781 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005599.D
 Acq: 26 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101697		
223	62.7	31.7	95.1	
227	64.4	32.3	96.9	





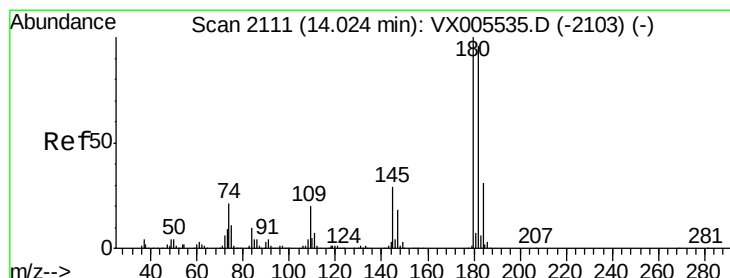
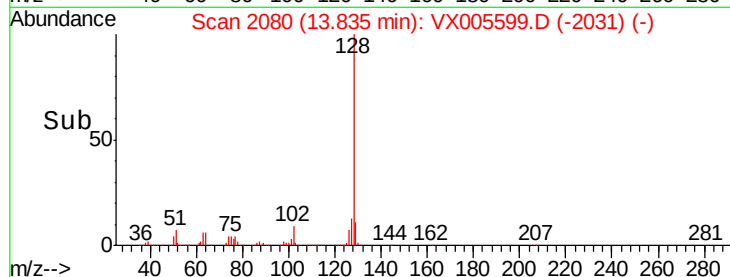
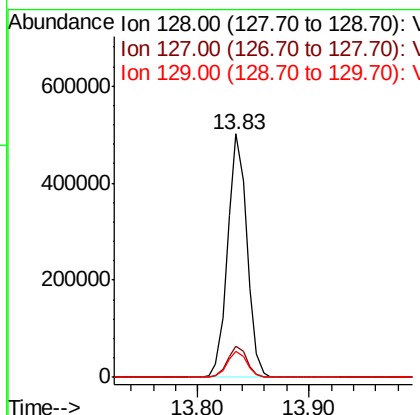
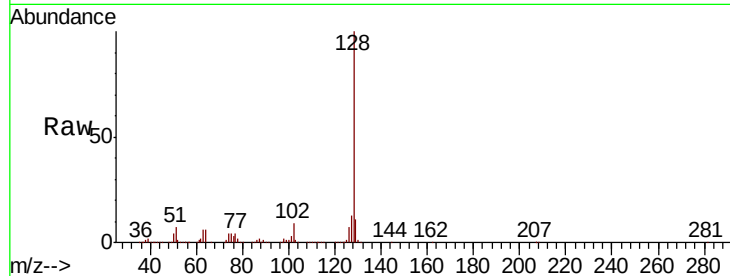
#95
Naphthalene
Concen: 52.289 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		599172		
127	13.1	10.4	15.6		
129	10.8	8.7	13.1		

Manual Integrations
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10/29/2018 12:43:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.690 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005599.D
Acq: 26 Oct 2018 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		202560		
182	95.8	48.0	144.2		
145	30.3	15.1	45.3		

