

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012798.D
 Acq On : 03 Oct 2019 20:53
 Operator : JC/SP
 Sample : K5157-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MS

Quant Time: Oct 04 06:52:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118269	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110831	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	5.49	113	86673	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.71	98	317503	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	124122	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	76952	43.059	ug/l	97
3) Chloromethane	1.32	50	87971	42.868	ug/l	100
4) Vinyl Chloride	1.40	62	97902	47.997	ug/l	96
5) Bromomethane	1.63	94	31096	38.774	ug/l	98
6) Chloroethane	1.71	64	61968	45.065	ug/l	96
7) Trichlorofluoromethane	1.92	101	137702	48.083	ug/l	99
8) Diethyl Ether	2.18	74	55739	47.493	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86611	49.654	ug/l	97
10) Methyl Iodide	2.50	142	86884	47.551	ug/l	94
11) Tert butyl alcohol	3.03	59	133848	231.621	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85109	49.829	ug/l	97
13) Acrolein	2.28	56	78669	244.610	ug/l	99
14) Allyl chloride	2.72	41	157006	46.332	ug/l	96
15) Acrylonitrile	3.13	53	297164	253.469	ug/l	98
16) Acetone	2.44	43	254442	207.655	ug/l	96
17) Carbon Disulfide	2.56	76	212979	44.479	ug/l	99
18) Methyl Acetate	2.76	43	136653	47.364	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	325277	50.313	ug/l	99
20) Methylene Chloride	2.84	84	103023	49.711	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	98760	52.192	ug/l	97
22) Diisopropyl ether	3.84	45	319186	48.746	ug/l	98
23) Vinyl Acetate	3.80	43	1333423	232.215	ug/l	97
24) 1,1-Dichloroethane	3.69	63	180290	50.654	ug/l	98
25) 2-Butanone	4.66	43	408154	232.314	ug/l	94
26) 2,2-Dichloropropane	4.57	77	120484	38.060	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113261	51.585	ug/l	91
28) Bromochloromethane	5.01	49	63540	49.165	ug/l	95
29) Tetrahydrofuran	5.11	42	263168	245.758	ug/l	95
30) Chloroform	5.20	83	181961	49.970	ug/l	99
31) Cyclohexane	5.57	56	153284	47.604	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	158632	49.153	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129326	47.940	ug/l	98
37) Ethyl Acetate	4.82	43	147178	46.666	ug/l	97
38) Carbon Tetrachloride	5.78	117	132949	48.515	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149829	46.135	ug/l	99
40) Benzene	6.14	78	399422	50.322	ug/l	99
41) Methacrylonitrile	5.03	41	86626	48.954	ug/l	95
42) 1,2-Dichloroethane	6.18	62	148339	49.215	ug/l	98
43) Isopropyl Acetate	6.43	43	240816	45.659	ug/l	96
44) Trichloroethene	7.21	130	102267	50.399	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104083	51.218	ug/l	99
46) Dibromomethane	7.65	93	70388	50.873	ug/l	98
47) Bromodichloromethane	7.89	83	140207	50.703	ug/l	96
48) Methyl methacrylate	7.76	41	124184	49.104	ug/l	92
49) 1,4-Dioxane	7.73	88	53860	938.952	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	806444	247.701	ug/l	95
52) Toluene	8.78	92	252100	50.534	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145959	47.706	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	160165	47.946	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	102530	51.695	ug/l	99
56) Ethyl methacrylate	9.17	69	167808	50.362	ug/l	92
57) 1,3-Dichloropropane	9.37	76	178574	51.444	ug/l	99
59) 2-Hexanone	9.49	43	621910	249.557	ug/l	95
60) Dibromochloromethane	9.58	129	105487	52.540	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108196	52.417	ug/l	99
64) Tetrachloroethene	9.33	164	84607	48.600	ug/l	96
65) Chlorobenzene	10.14	112	263833	50.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99081	52.009	ug/l	98
67) Ethyl Benzene	10.25	91	480969	50.434	ug/l	99
68) m/p-Xylenes	10.35	106	361959	101.321	ug/l	98
69) o-Xylene	10.70	106	177890	51.462	ug/l	98
70) Styrene	10.71	104	304910	52.617	ug/l	98
71) Bromoform	10.85	173	70362	53.043	ug/l	97
73) Isopropylbenzene	11.01	105	472131	49.014	ug/l	99
74) N-amyl acetate	10.89	43	210890	45.891	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	166616	52.228	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	183430	58.632	ug/l	87
77) Bromobenzene	11.25	156	109188	50.083	ug/l	97
78) n-propylbenzene	11.35	91	519934	47.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	320344	47.352	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400987	49.641	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46070	42.201	ug/l	97
82) 4-Chlorotoluene	11.51	91	371615	48.187	ug/l	99
83) tert-Butylbenzene	11.76	119	385209	49.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	402918	49.446	ug/l	98
85) sec-Butylbenzene	11.94	105	444495	49.045	ug/l	99
86) p-Isopropyltoluene	12.06	119	410556	50.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195793	49.904	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	195429	49.294	ug/l	99
89) n-Butylbenzene	12.38	91	340377	47.234	ug/l	100
90) Hexachloroethane	12.59	117	71158	48.807	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	203044	51.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40006	50.132	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	121215	50.603	ug/l	98

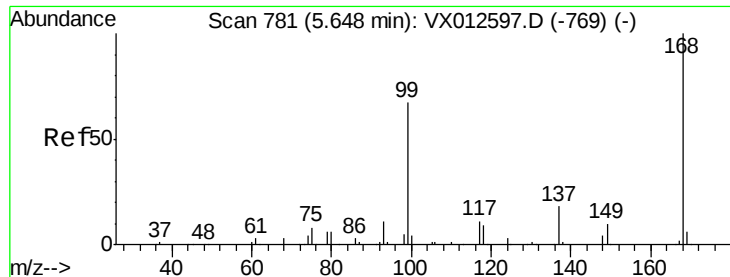
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	53285	51.707	ug/l	100
95) Naphthalene	13.83	128	444673	51.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123149	51.321	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

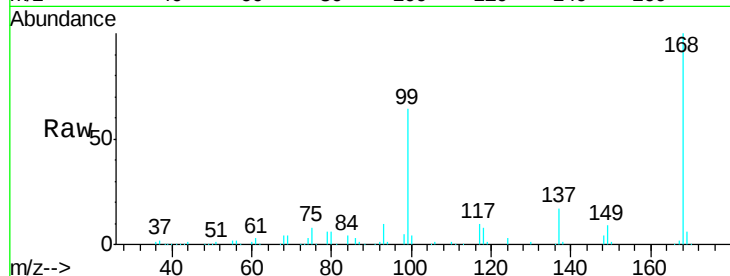
S49-0539MS

Tgt Ion:168 Resp: 158859

Ion Ratio Lower Upper

168 100

99 63.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

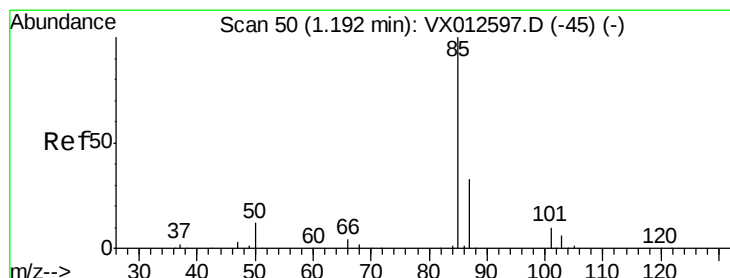
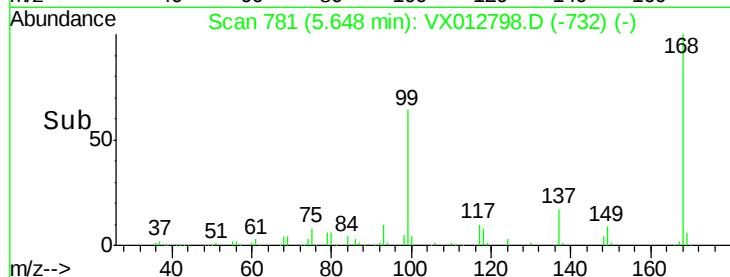
20000

10000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 43.059 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012798.D

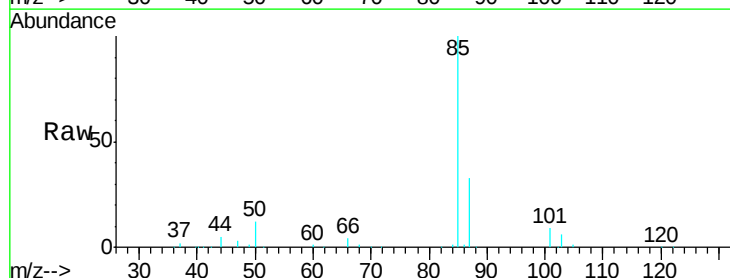
Acq: 03 Oct 2019 20:53

Tgt Ion: 85 Resp: 76952

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

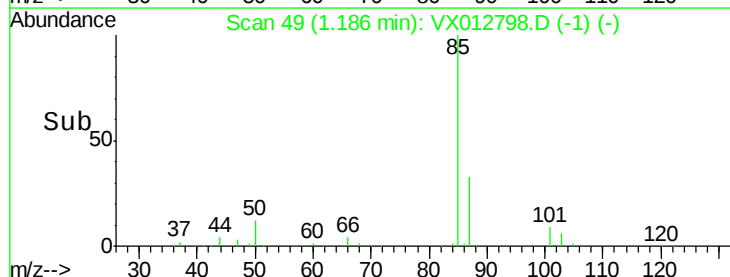
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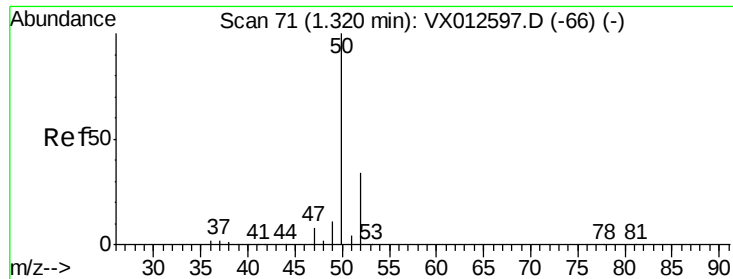
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 42.868 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

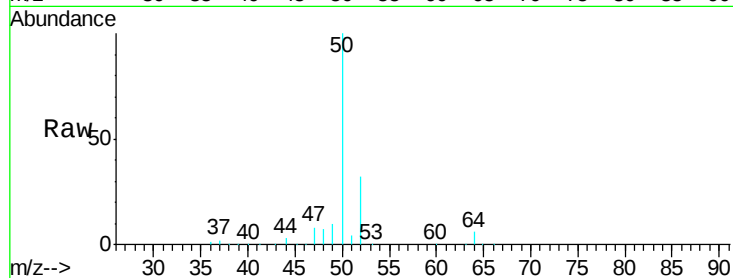
S49-0539MS

Tgt Ion: 50 Resp: 87971

Ion Ratio Lower Upper

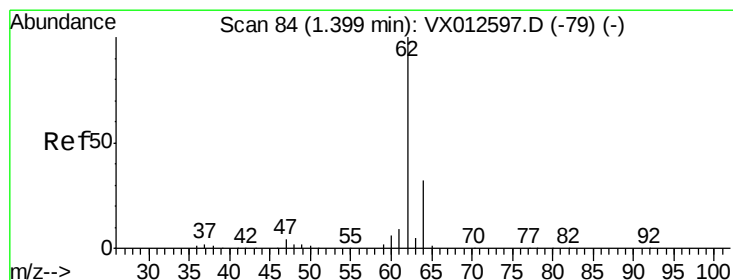
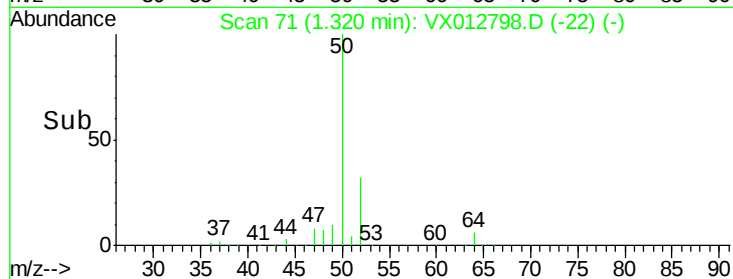
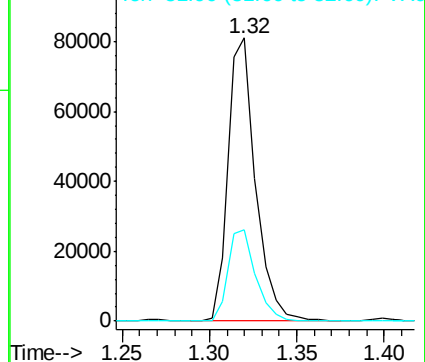
50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.997 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012798.D

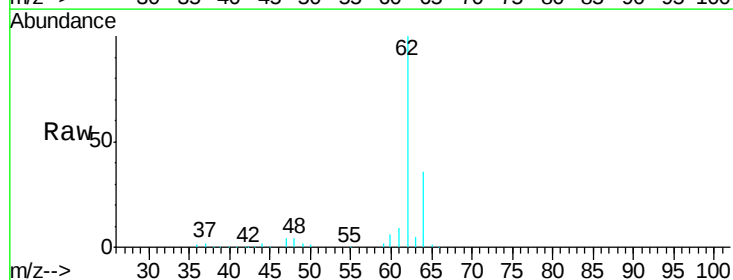
Acq: 03 Oct 2019 20:53

Tgt Ion: 62 Resp: 97902

Ion Ratio Lower Upper

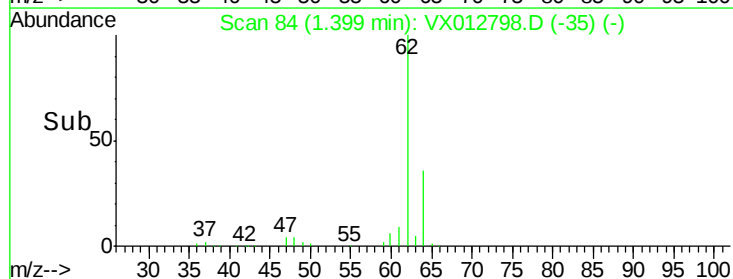
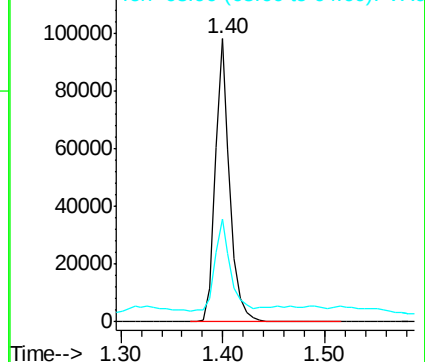
62 100

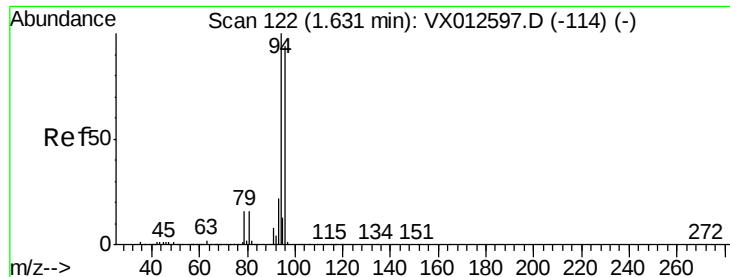
64 32.3 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.774 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

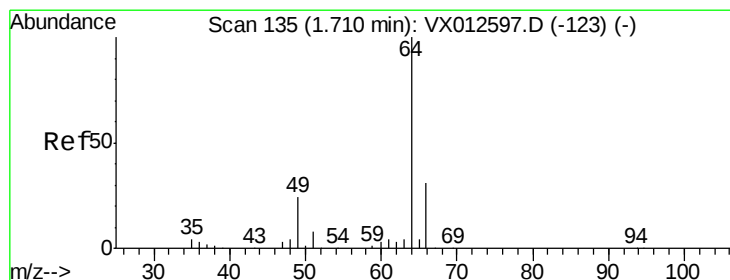
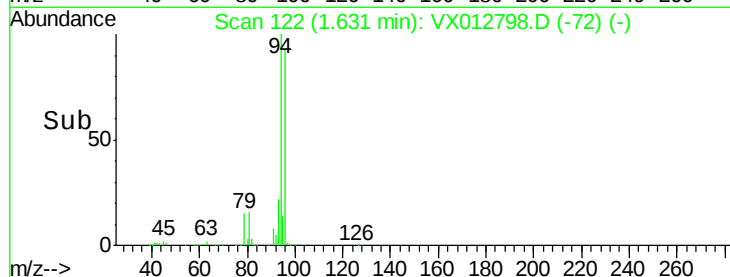
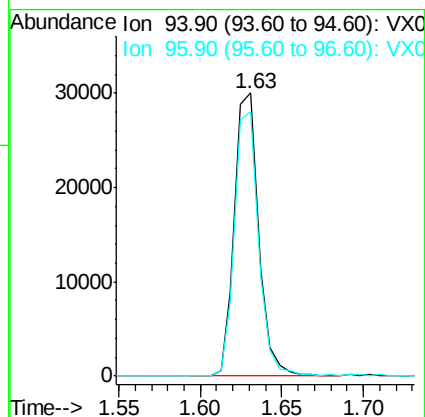
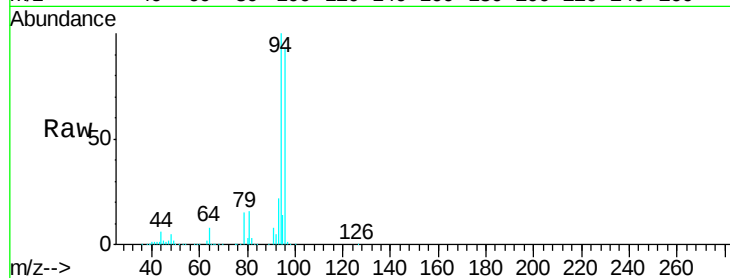
S49-0539MS

Tgt Ion: 94 Resp: 31096

Ion Ratio Lower Upper

94 100

96 93.3 72.8 109.2



#6

Chloroethane

Concen: 45.065 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012798.D

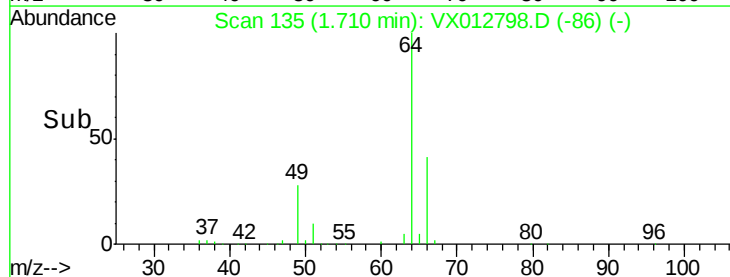
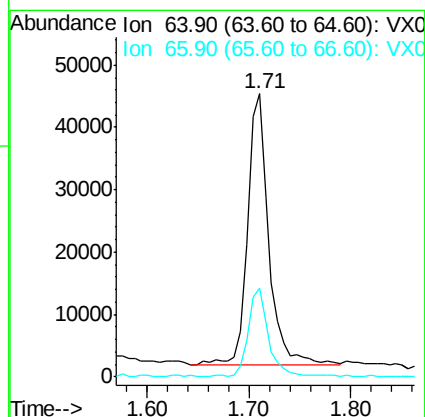
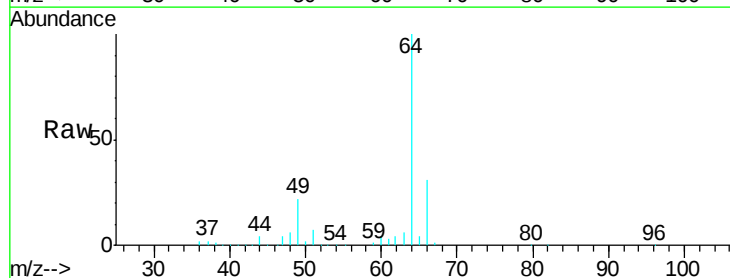
Acq: 03 Oct 2019 20:53

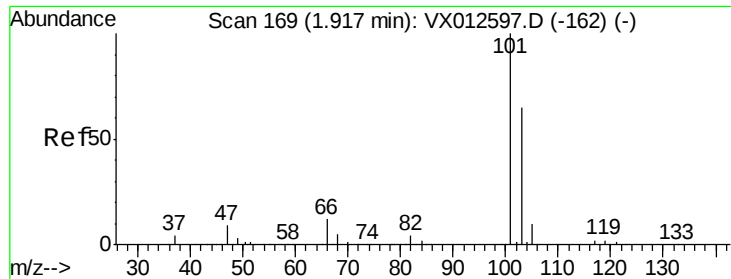
Tgt Ion: 64 Resp: 61968

Ion Ratio Lower Upper

64 100

66 32.3 24.0 36.0



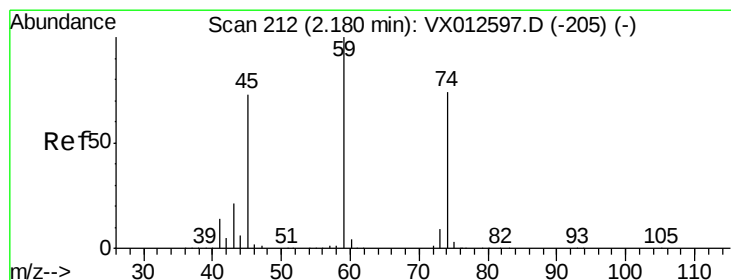
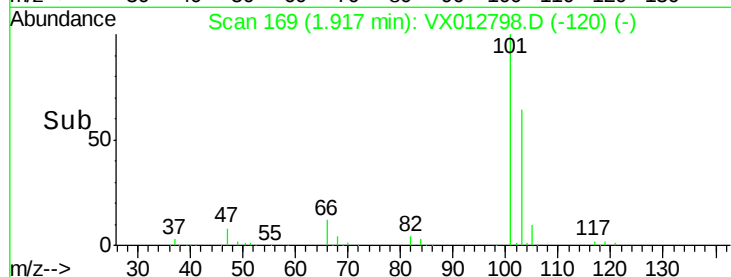
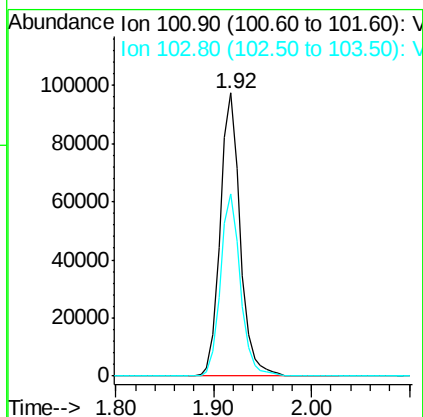
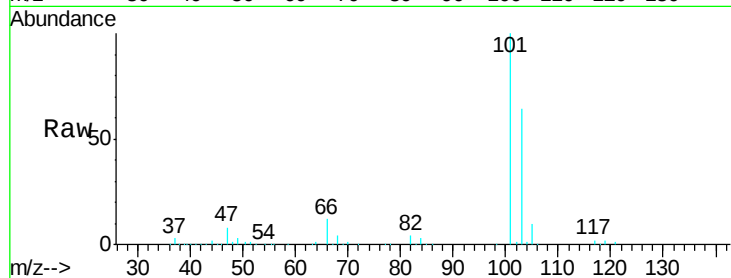


#7

Trichlorofluoromethane
 Concen: 48.083 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Instrument :
 MSVOA_X
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 S49-0539MS

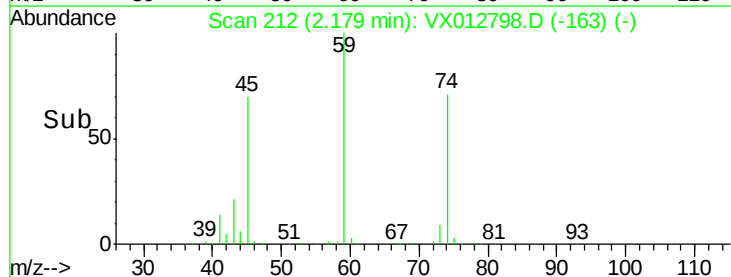
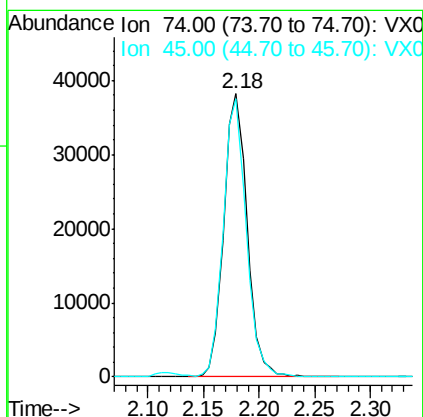
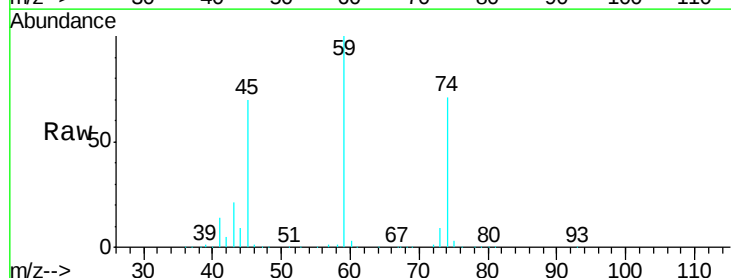
Tgt Ion:101 Resp: 137702
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.4

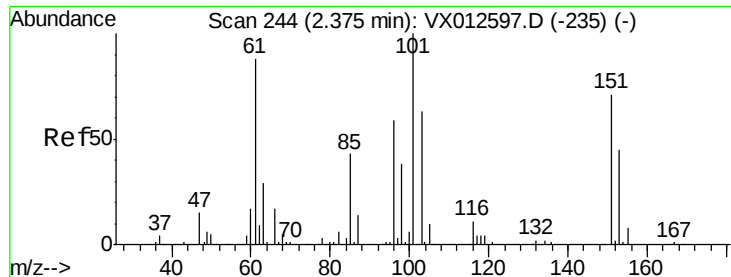


#8

Diethyl Ether
 Concen: 47.493 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion: 74 Resp: 55739
 Ion Ratio Lower Upper
 74 100
 45 96.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.654 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

S49-0539MS

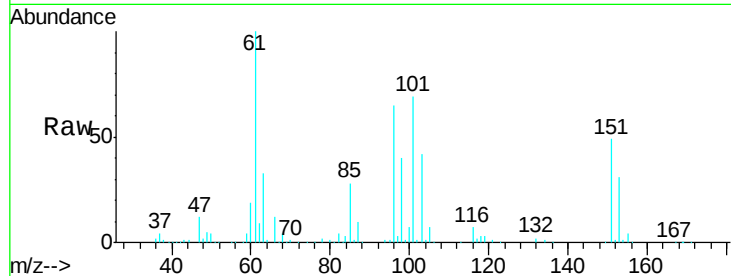
Tgt Ion:101 Resp: 86611

Ion Ratio Lower Upper

101 100

85 43.8 37.3 55.9

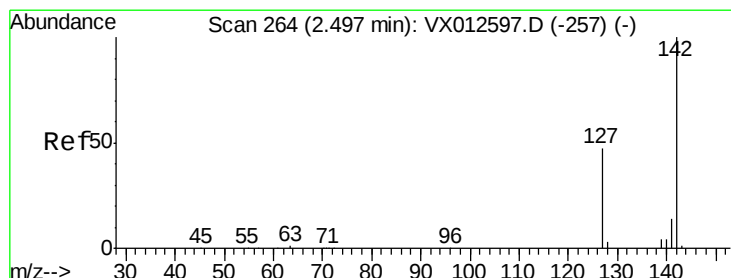
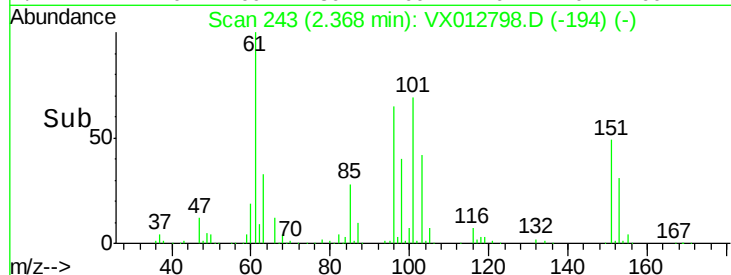
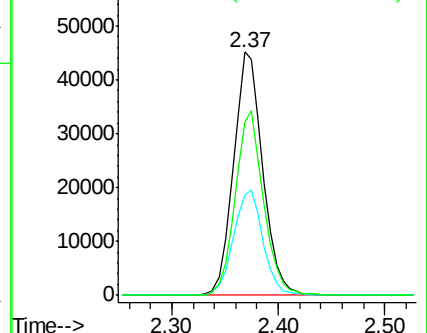
151 73.7 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.551 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

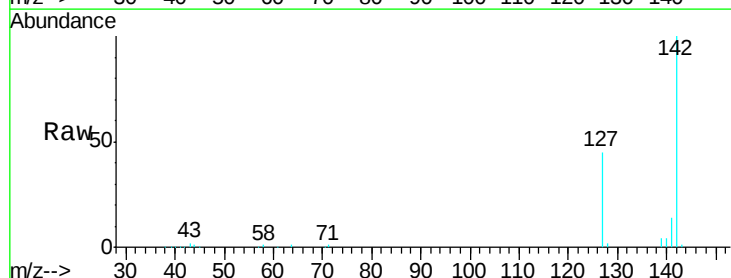
Tgt Ion:142 Resp: 86884

Ion Ratio Lower Upper

142 100

127 45.8 40.8 61.2

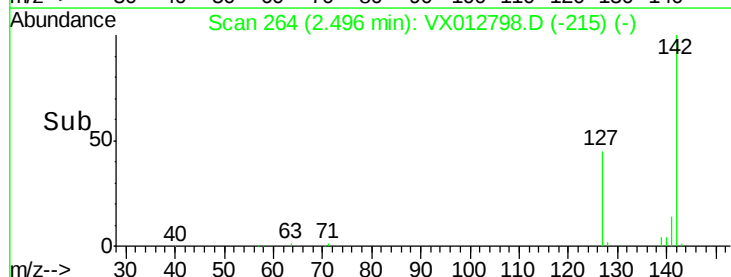
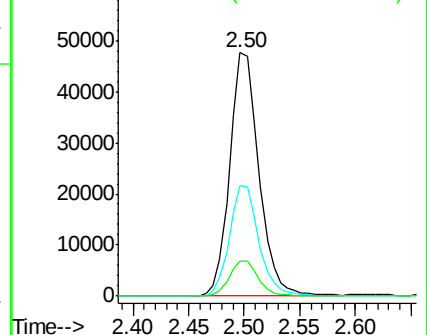
141 14.4 12.1 18.1

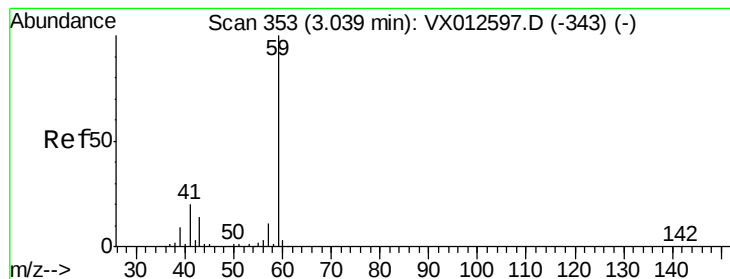


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



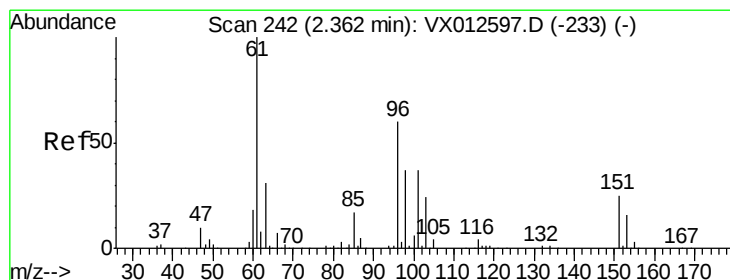
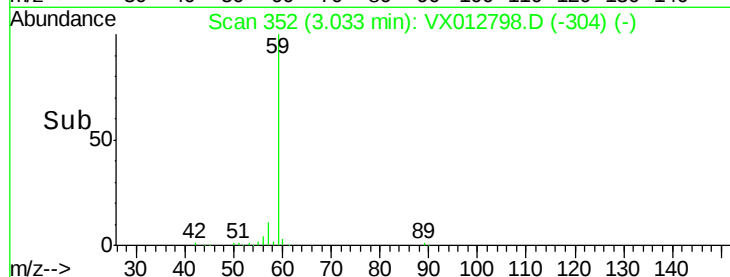
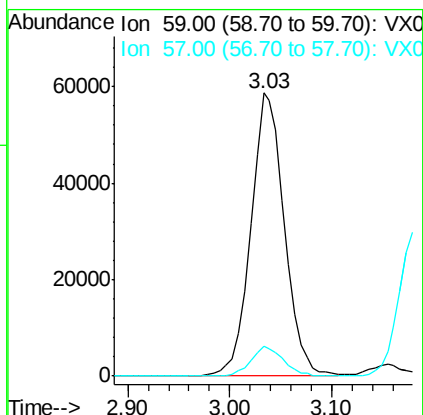
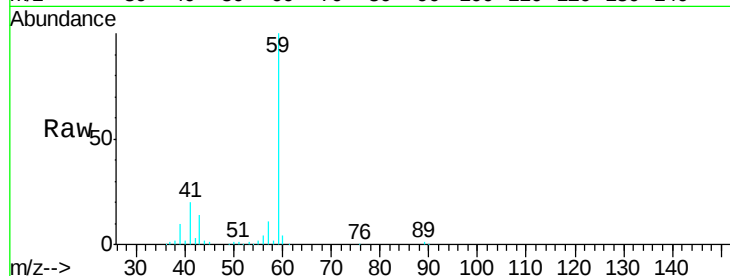


#11

Tert butyl alcohol
 Concen: 231.621 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MS

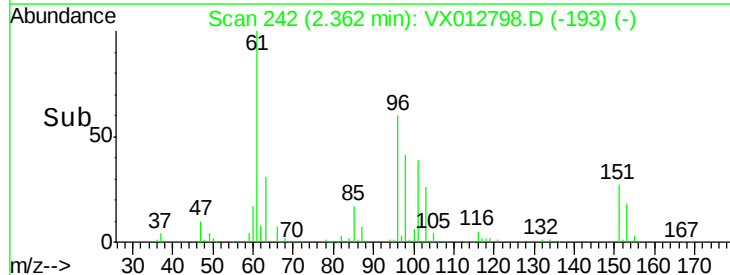
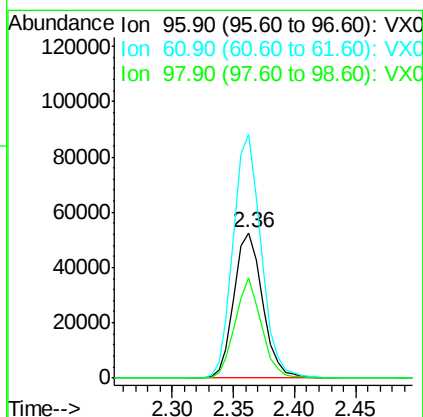
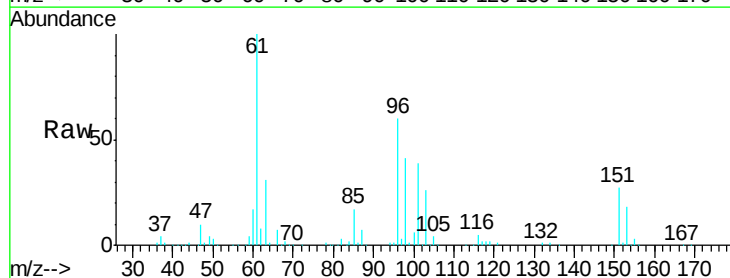
Tgt Ion: 59 Resp: 133848
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

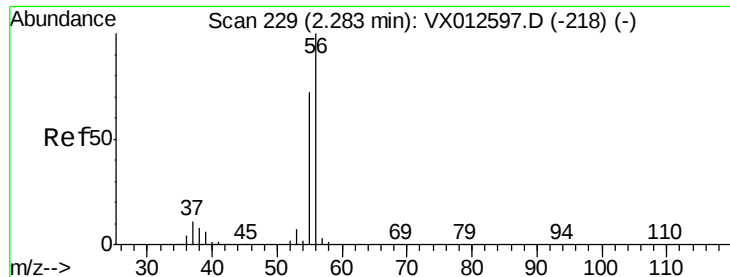


#12

1,1-Dichloroethene
 Concen: 49.829 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion: 96 Resp: 85109
 Ion Ratio Lower Upper
 96 100
 61 167.8 133.8 200.6
 98 68.9 49.9 74.9





#13

Acrolein

Concen: 244.610 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

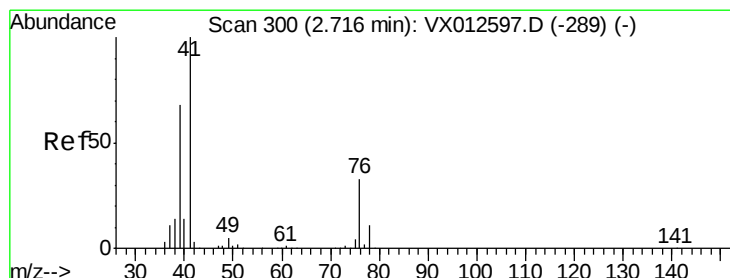
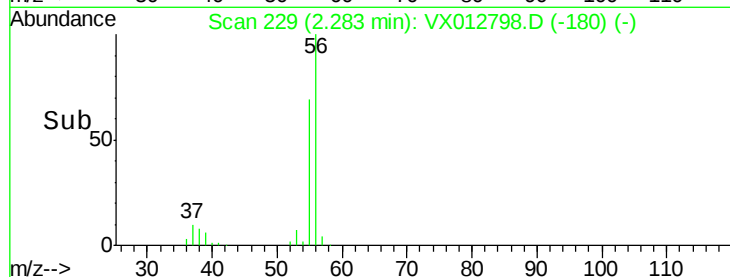
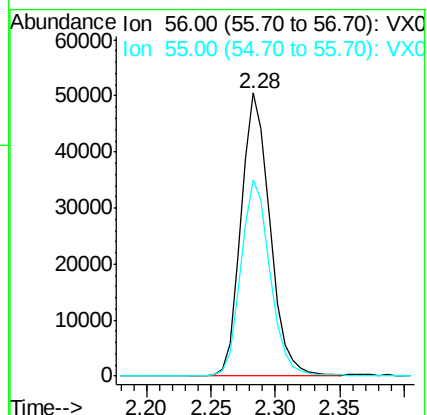
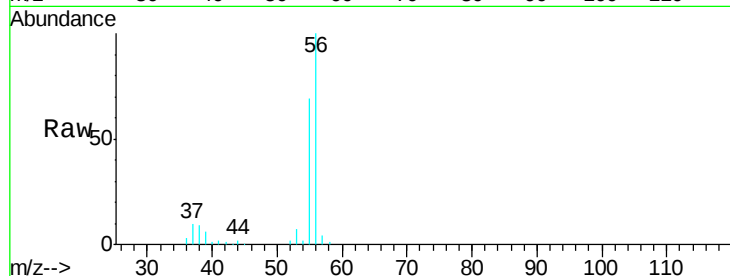
S49-0539MS

Tgt Ion: 56 Resp: 78669

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 46.332 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

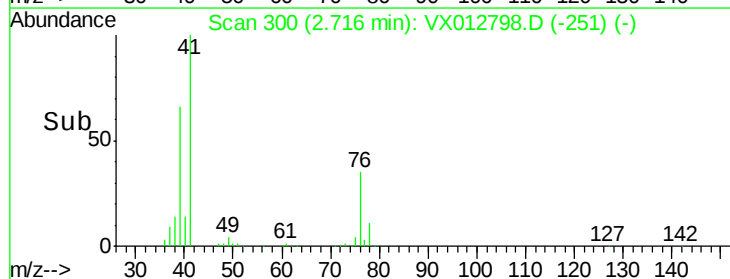
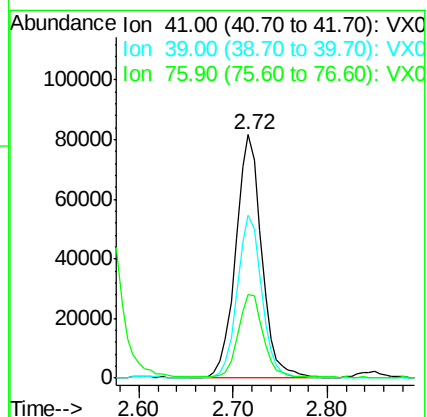
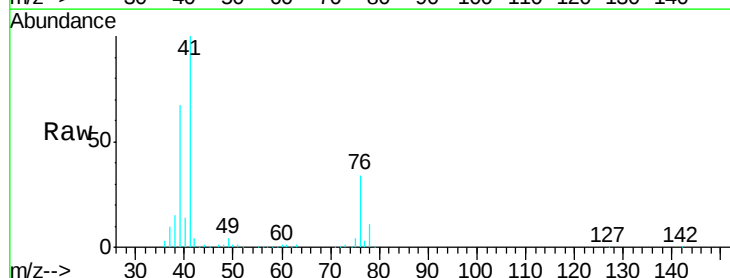
Tgt Ion: 41 Resp: 157006

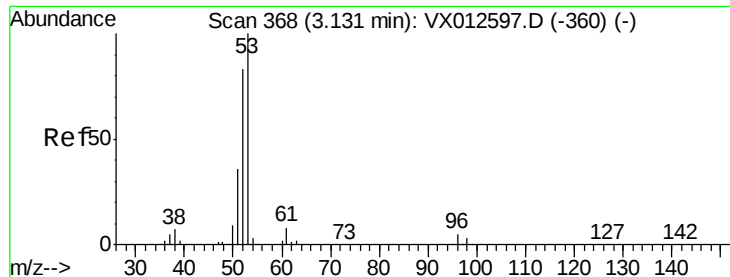
Ion Ratio Lower Upper

41 100

39 63.4 51.3 76.9

76 33.4 22.6 33.8





#15

Acrylonitrile

Concen: 253.469 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

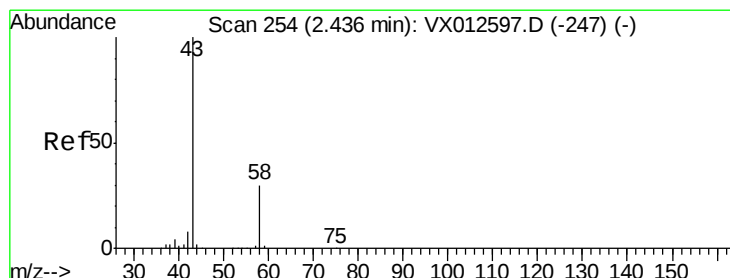
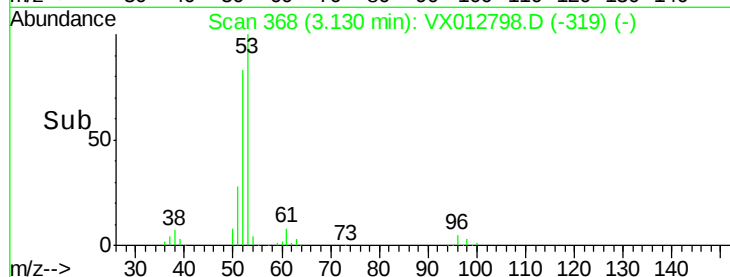
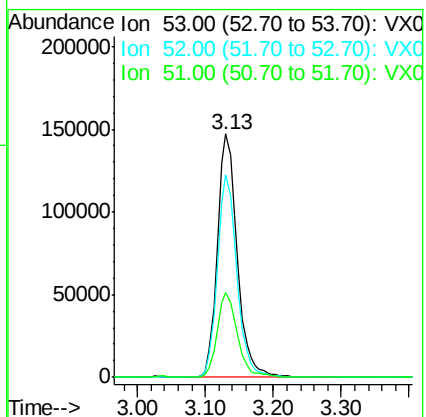
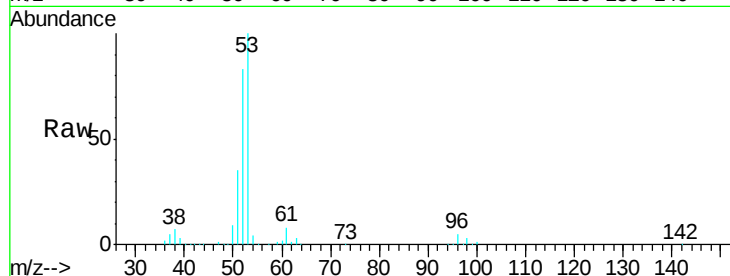
Tgt Ion: 53 Resp: 297164

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

51 35.7 29.6 44.4



#16

Acetone

Concen: 207.655 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012798.D

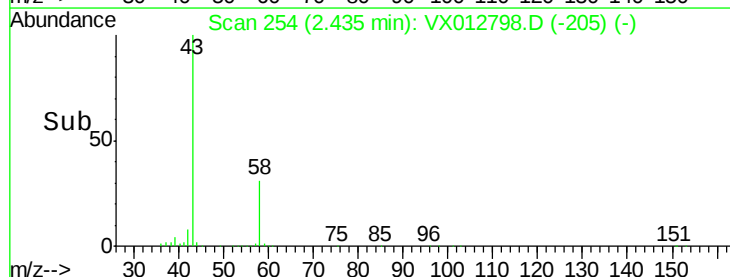
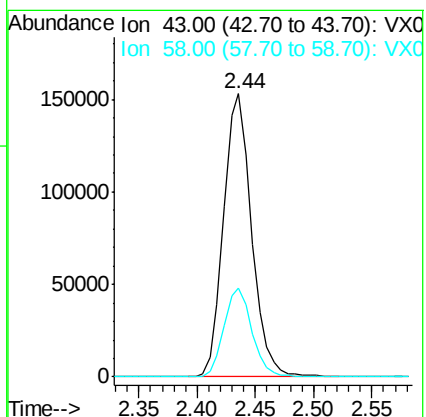
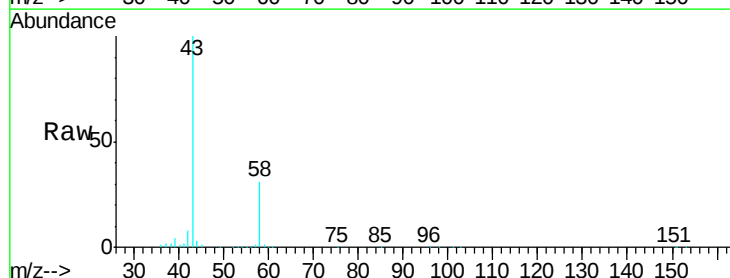
Acq: 03 Oct 2019 20:53

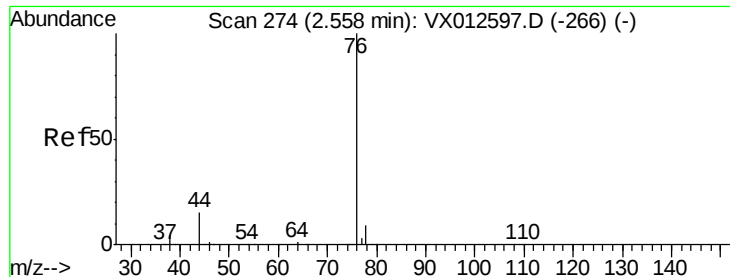
Tgt Ion: 43 Resp: 254442

Ion Ratio Lower Upper

43 100

58 31.4 23.3 34.9

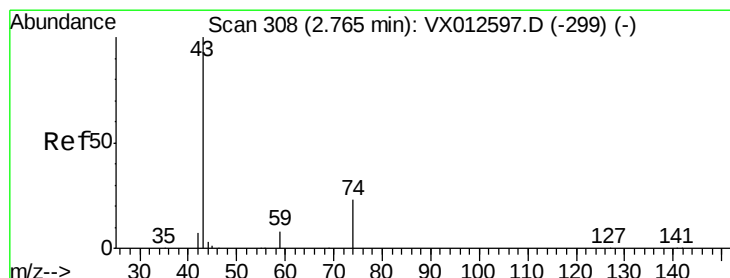
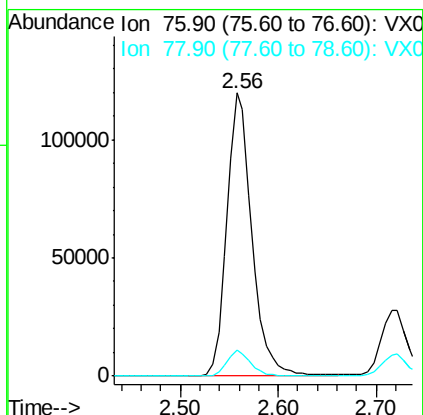
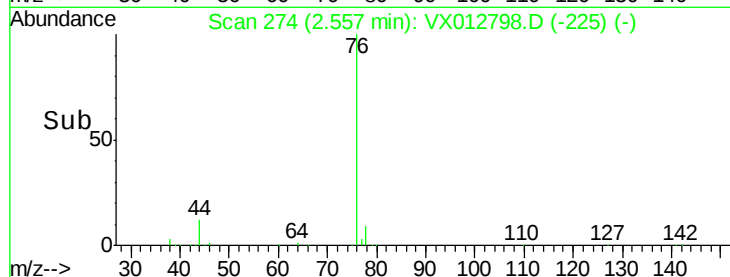
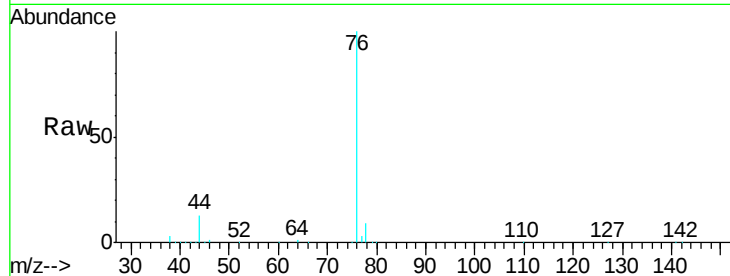




#17
Carbon Disulfide
Concen: 44.479 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

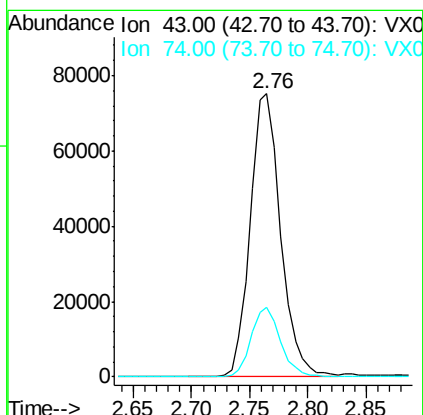
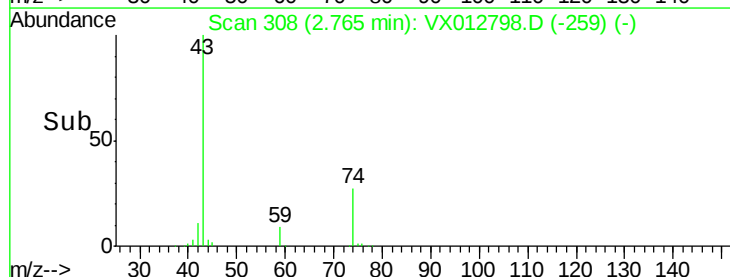
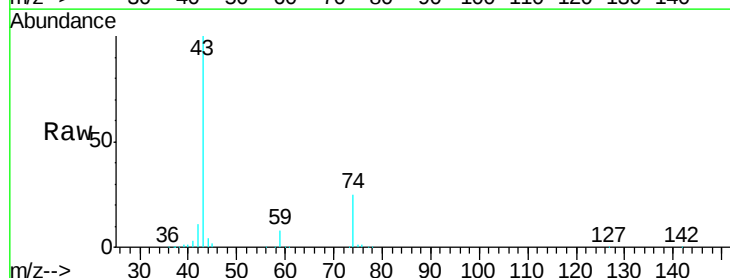
Instrument :
MSVOA_X
ClientSampled :
S49-0539MS

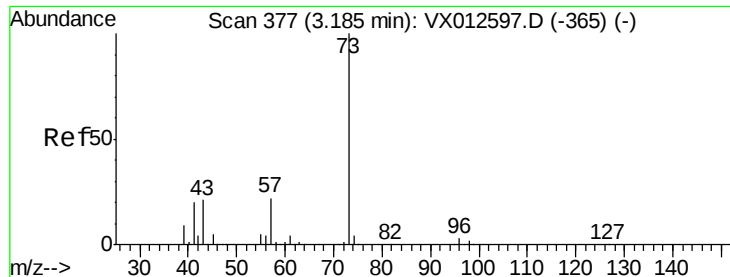
Tgt Ion: 76 Resp: 212979
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 47.364 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 43 Resp: 136653
Ion Ratio Lower Upper
43 100
74 24.3 17.7 26.5

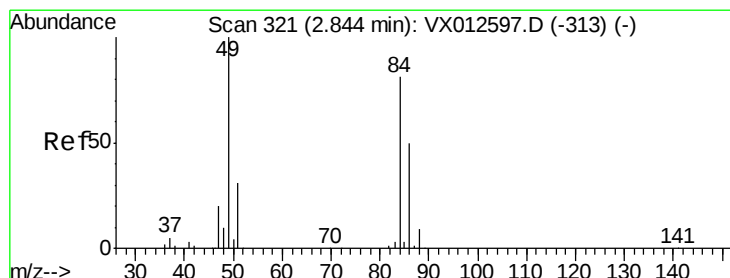
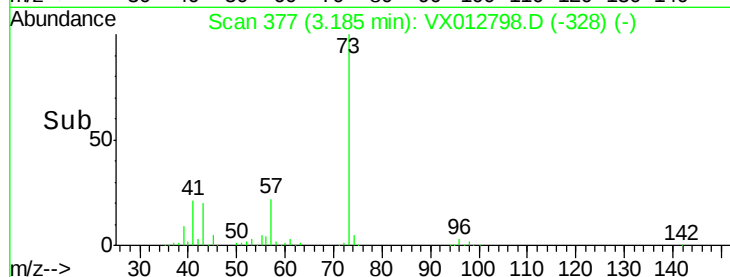
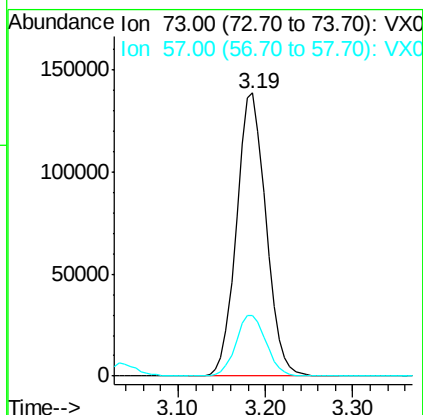
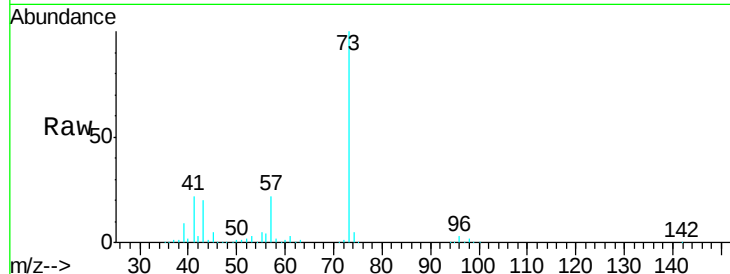




#19
Methyl tert-butyl Ether
Concen: 50.313 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

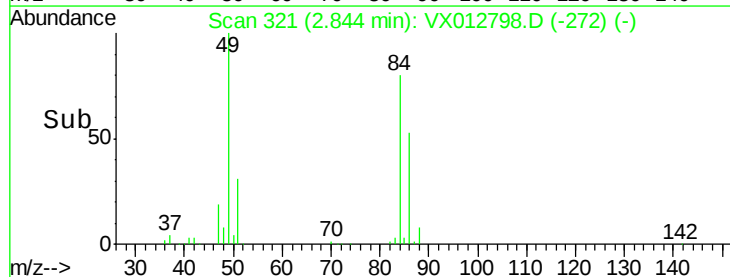
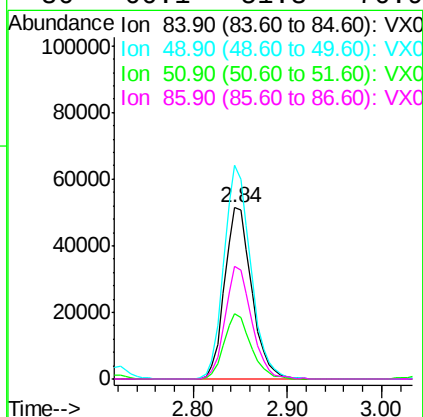
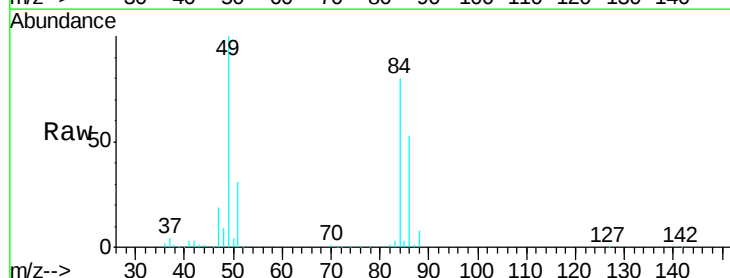
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MS

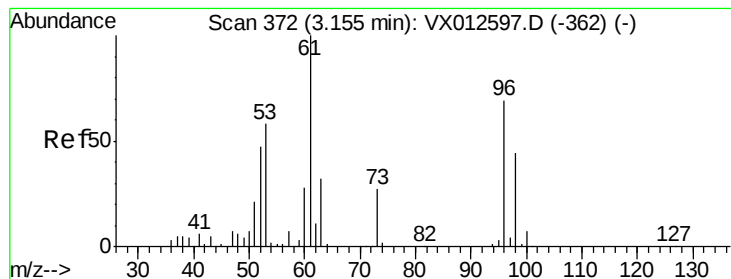
Tgt Ion: 73 Resp: 325277
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2



#20
Methylene Chloride
Concen: 49.711 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 84 Resp: 103023
Ion Ratio Lower Upper
84 100
49 124.7 106.8 160.2
51 38.1 32.3 48.5
86 66.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.192 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

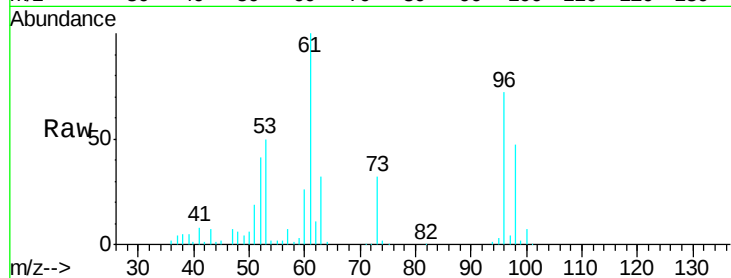
Tgt Ion: 96 Resp: 98760

Ion Ratio Lower Upper

96 100

61 138.1 112.0 168.0

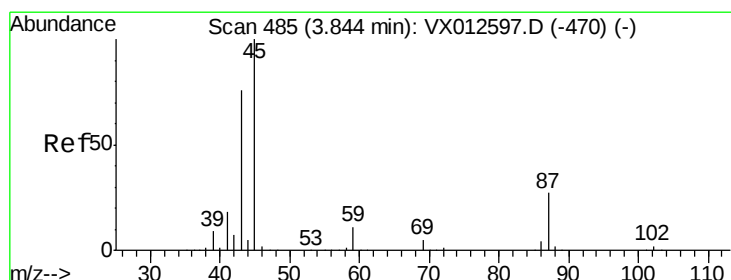
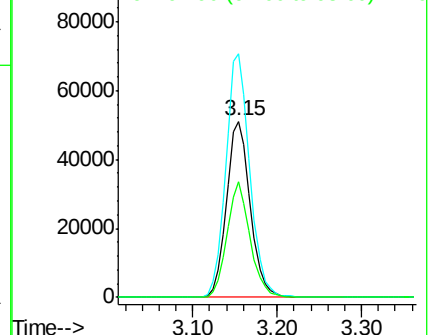
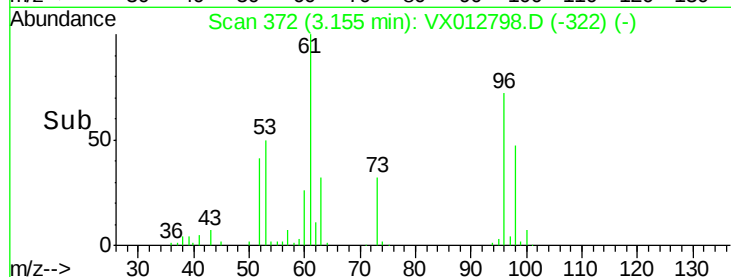
98 65.6 47.8 71.8



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



#22

Diisopropyl ether

Concen: 48.746 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Tgt Ion: 45 Resp: 319186

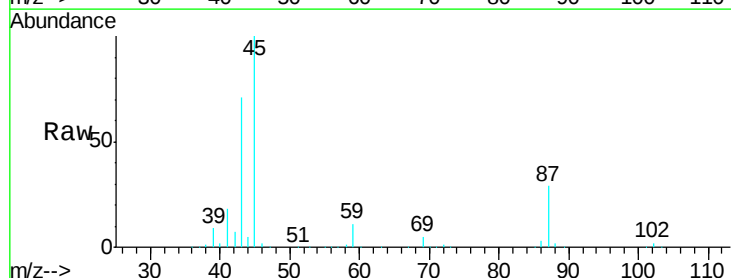
Ion Ratio Lower Upper

45 100

43 71.0 57.8 86.8

87 28.7 21.3 31.9

59 11.2 8.5 12.7

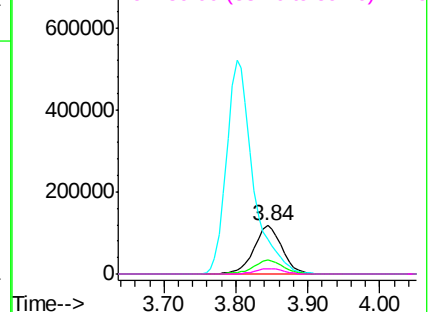
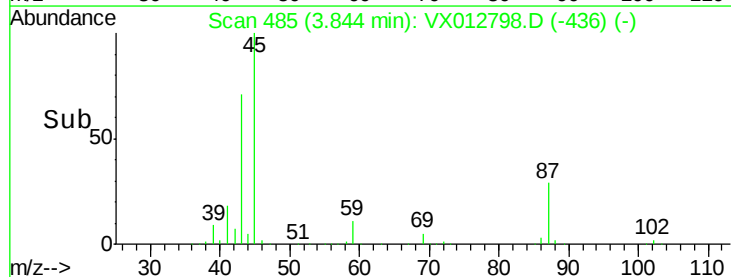


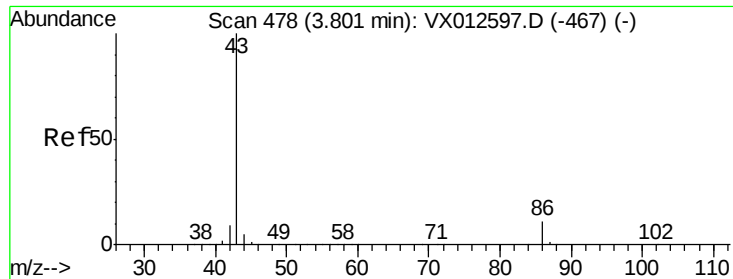
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 232.215 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

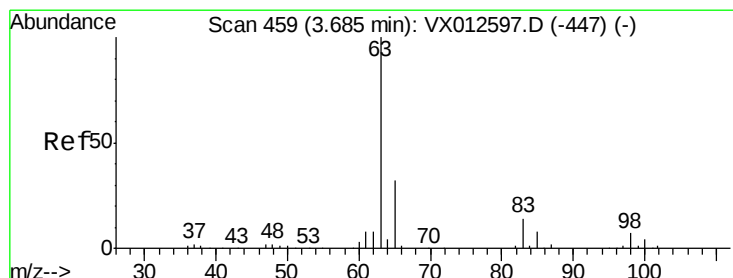
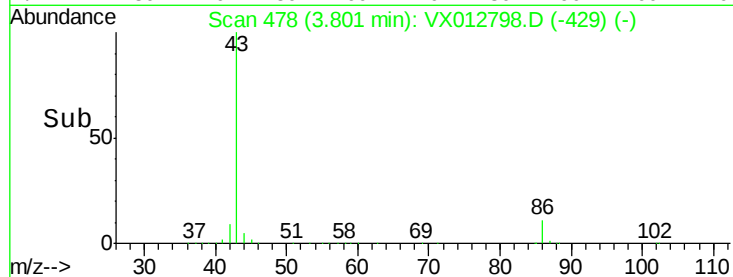
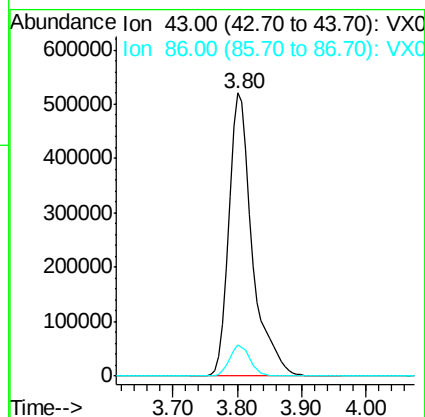
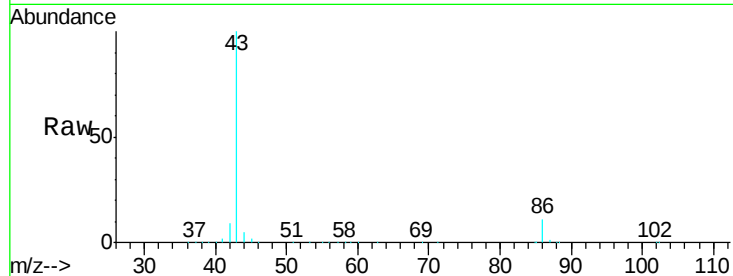
S49-0539MS

Tgt Ion: 43 Resp: 1333423

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.8



#24

1,1-Dichloroethane

Concen: 50.654 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

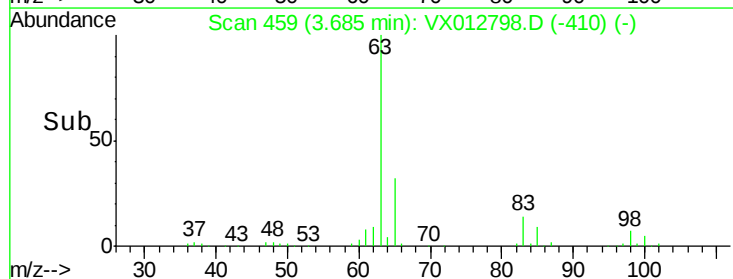
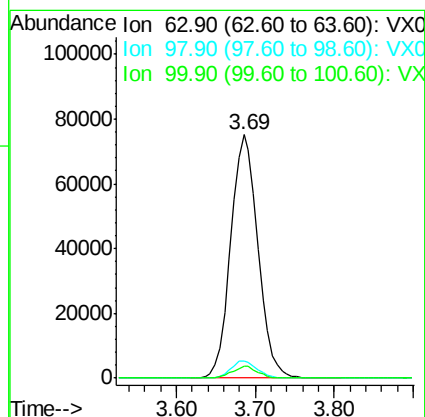
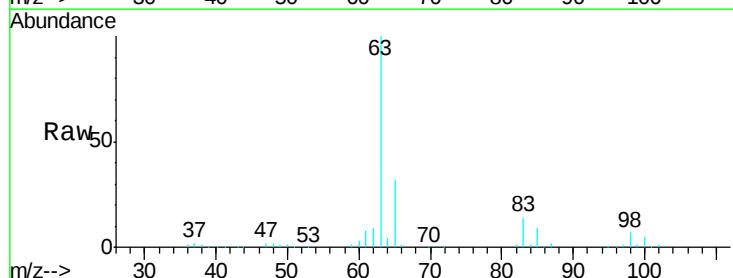
Tgt Ion: 63 Resp: 180290

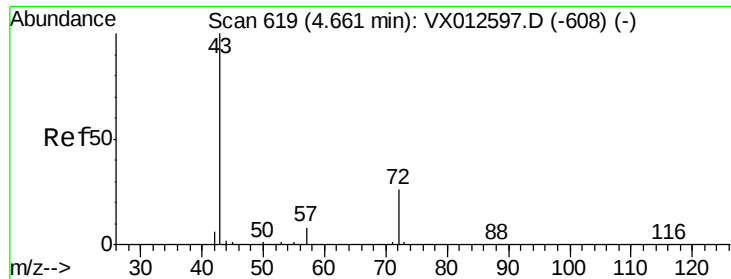
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 232.314 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

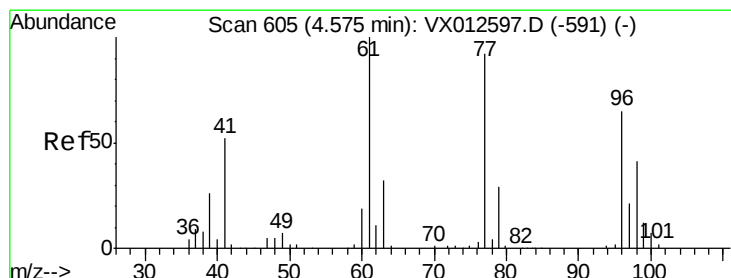
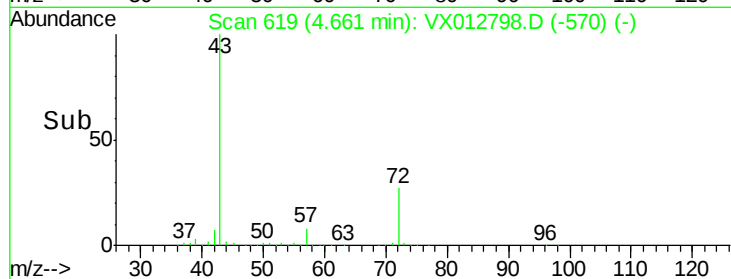
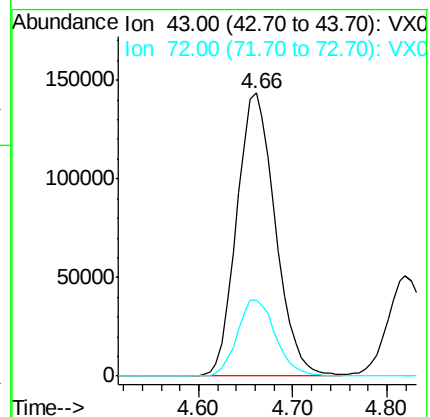
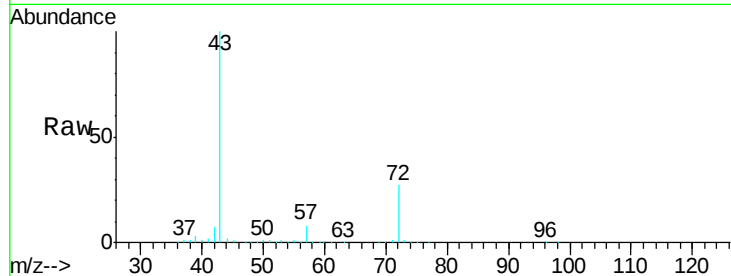
S49-0539MS

Tgt Ion: 43 Resp: 408154

Ion Ratio Lower Upper

43 100

72 26.7 19.2 28.8



#26

2,2-Dichloropropane

Concen: 38.060 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012798.D

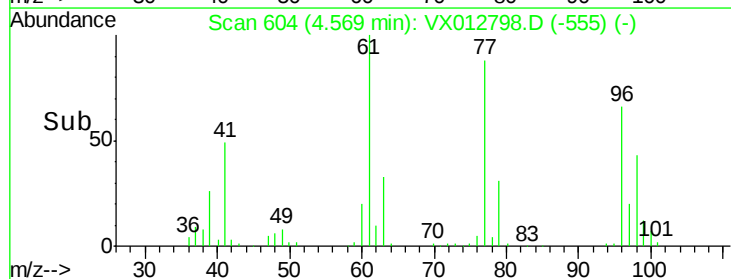
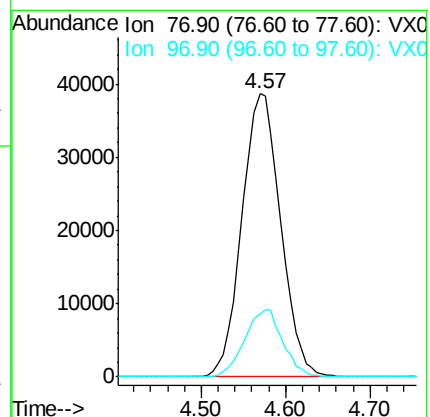
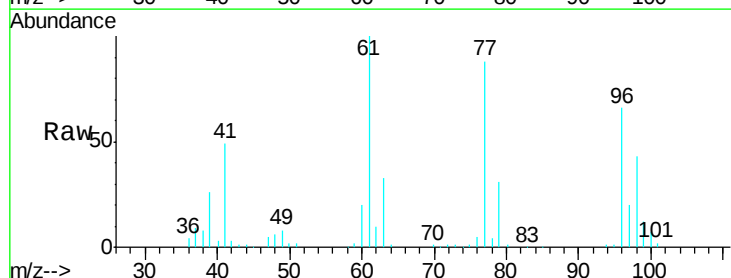
Acq: 03 Oct 2019 20:53

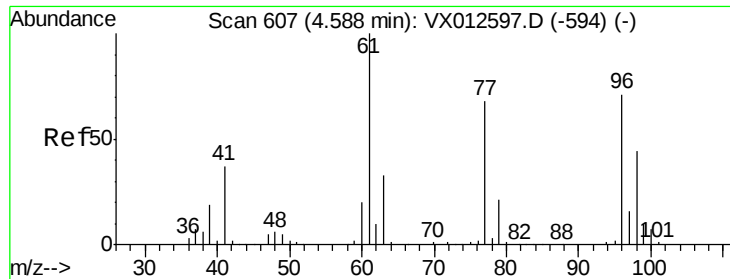
Tgt Ion: 77 Resp: 120484

Ion Ratio Lower Upper

77 100

97 23.3 10.5 31.6



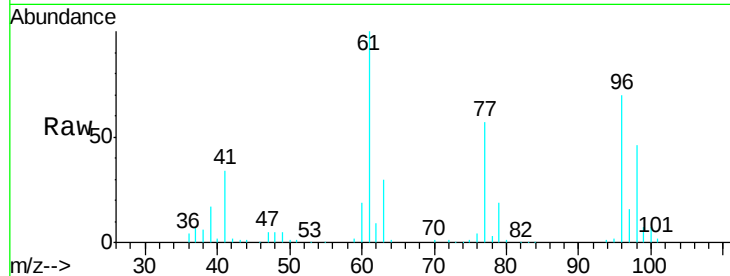


#27

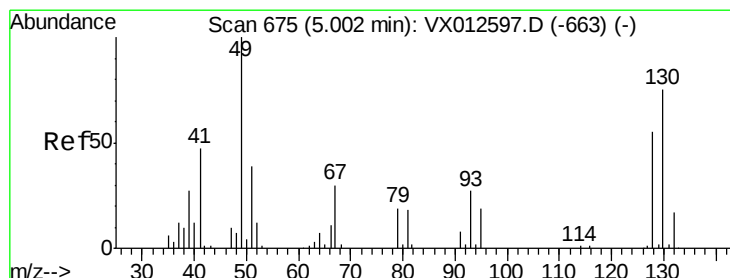
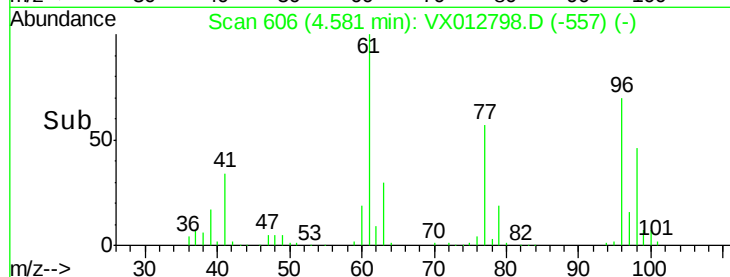
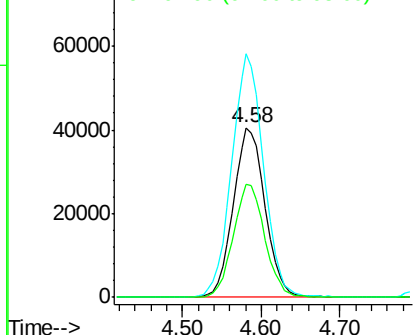
cis-1,2-Dichloroethene
Concen: 51.585 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MS

Tgt Ion: 96 Resp: 113261
Ion Ratio Lower Upper
96 100
61 144.4 0.0 319.4
98 66.0 0.0 130.6



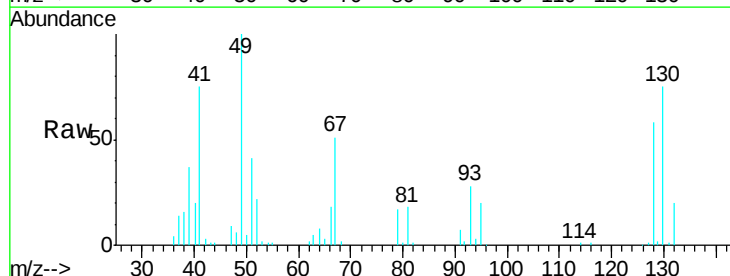
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



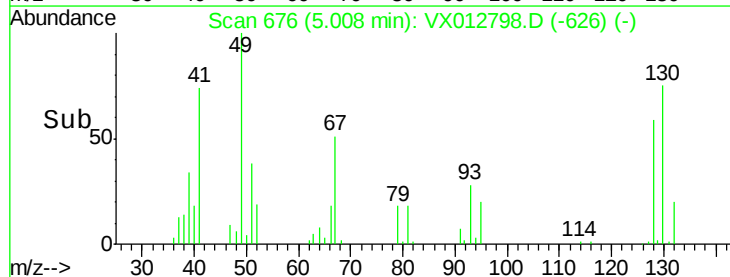
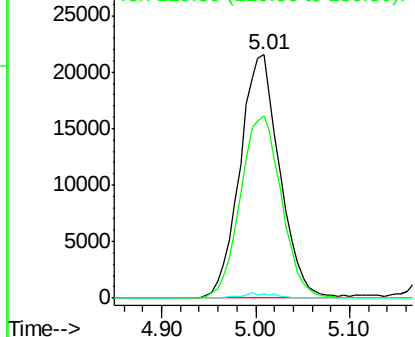
#28

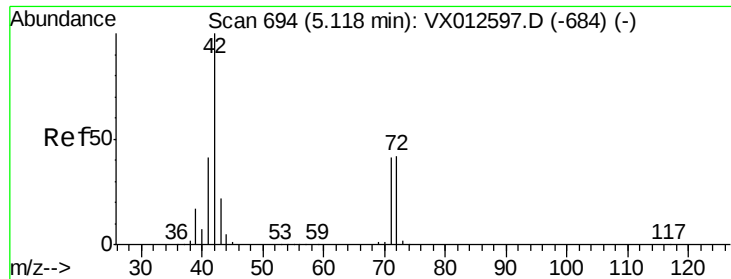
Bromochloromethane
Concen: 49.165 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 49 Resp: 63540
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 76.9 58.2 87.4



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

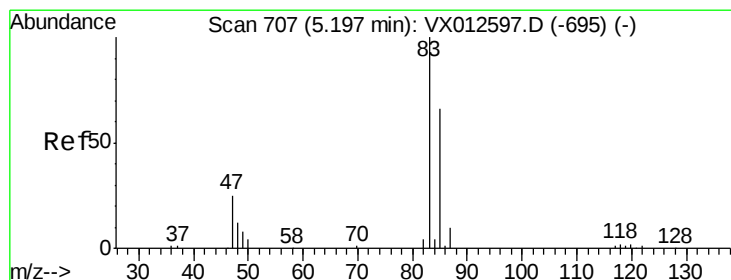
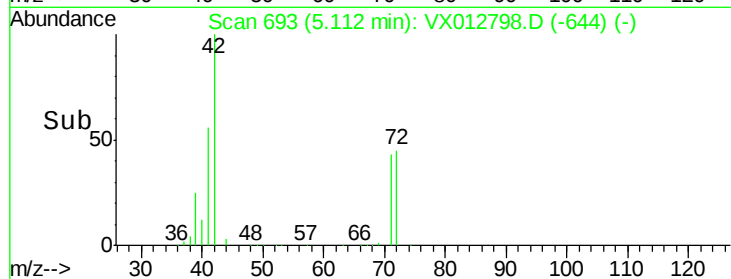
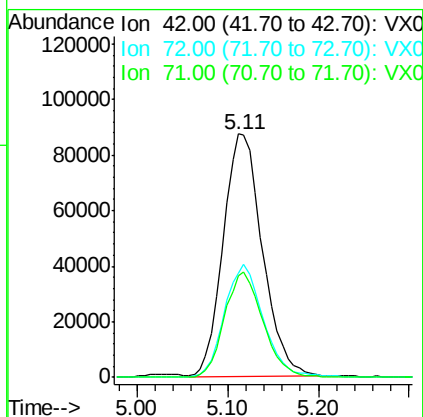
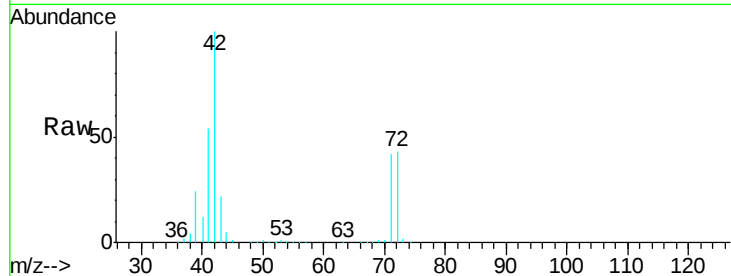




#29
Tetrahydrofuran
Concen: 245.758 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

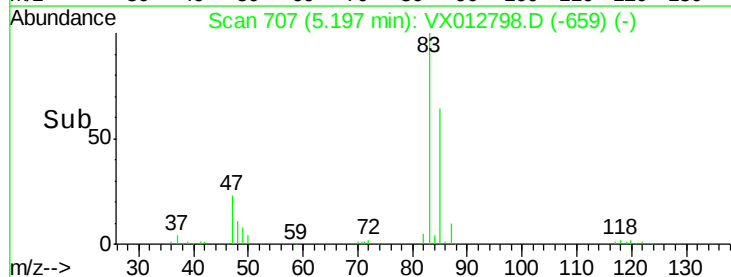
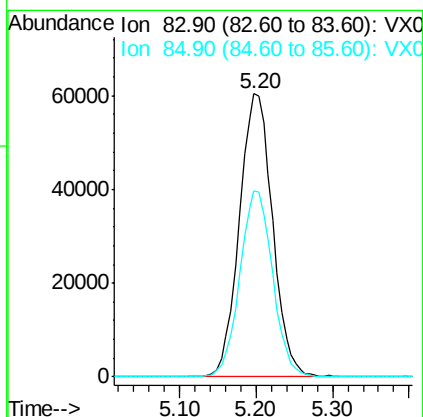
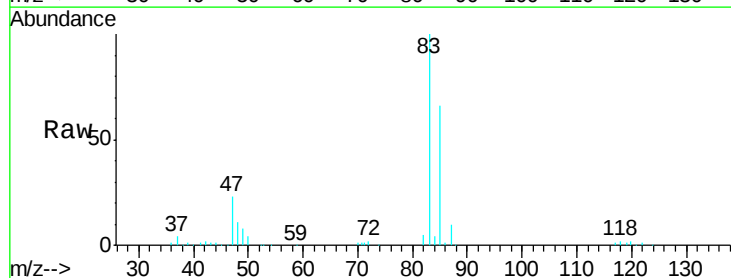
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MS

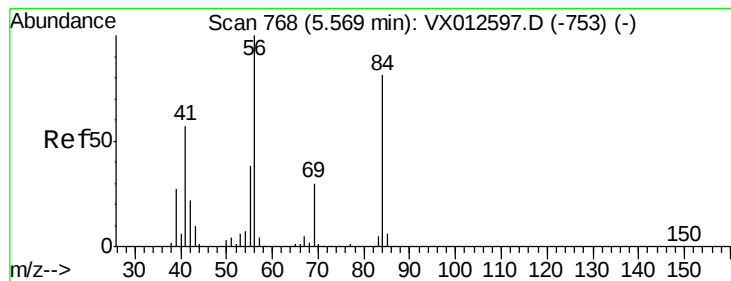
Tgt Ion: 42 Resp: 263168
Ion Ratio Lower Upper
42 100
72 46.0 34.0 51.0
71 42.7 31.5 47.3



#30
Chloroform
Concen: 49.970 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 83 Resp: 181961
Ion Ratio Lower Upper
83 100
85 65.6 53.0 79.4





#31

Cyclohexane

Concen: 47.604 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

S49-0539MS

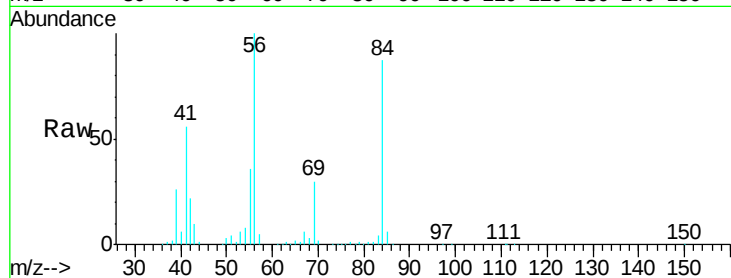
Tgt Ion: 56 Resp: 153284

Ion Ratio Lower Upper

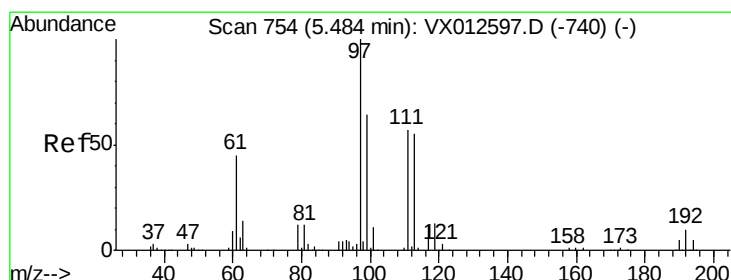
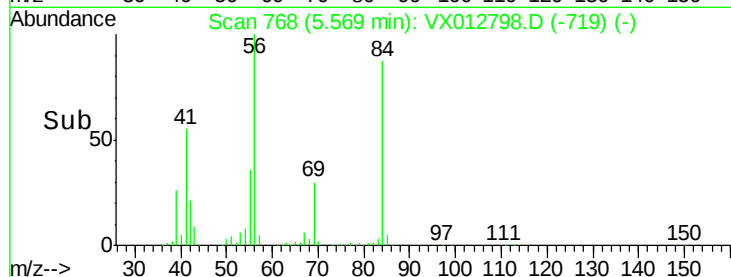
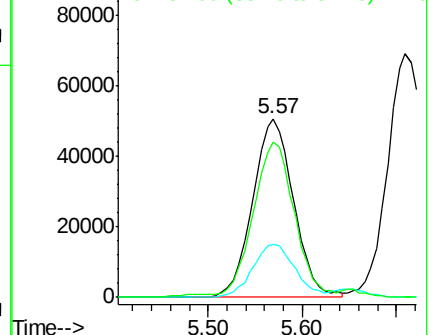
56 100

69 29.9 25.0 37.6

84 85.6 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.153 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

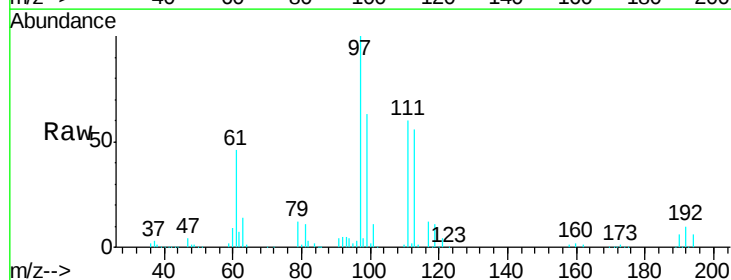
Tgt Ion: 97 Resp: 158632

Ion Ratio Lower Upper

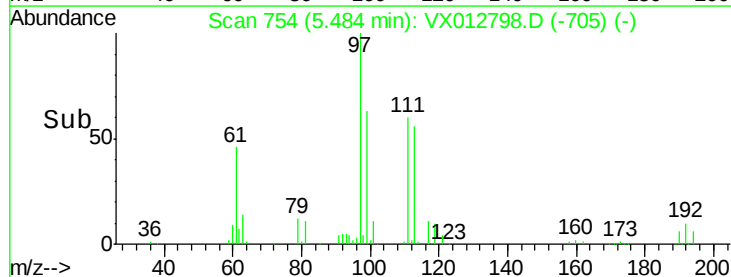
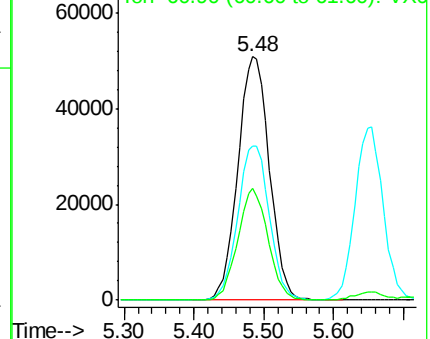
97 100

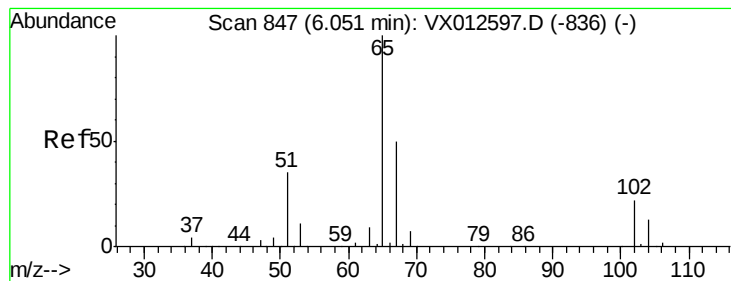
99 63.6 51.3 76.9

61 44.4 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.910 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

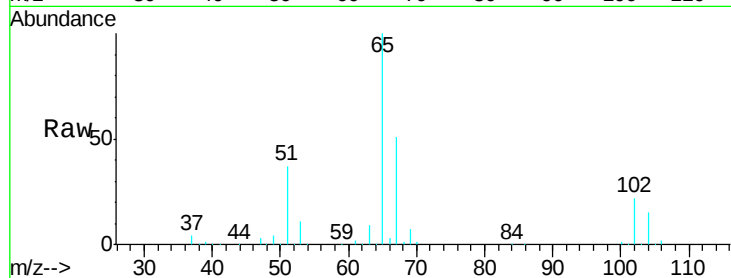
S49-0539MS

Tgt Ion: 65 Resp: 110831

Ion Ratio Lower Upper

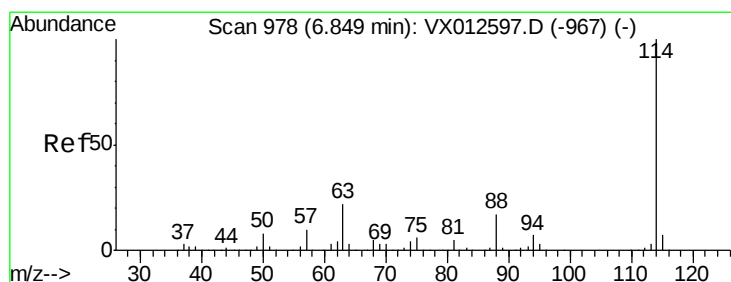
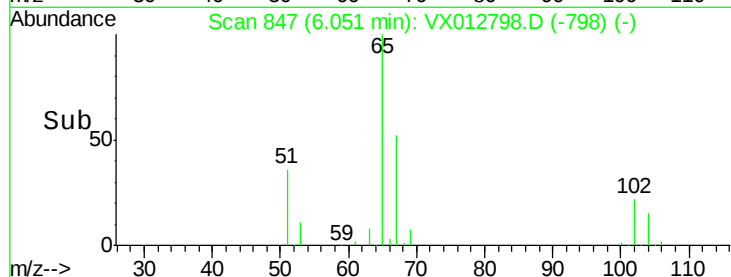
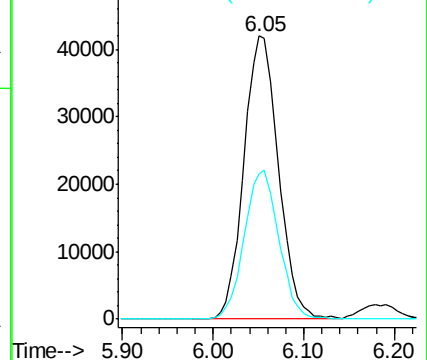
65 100

67 52.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

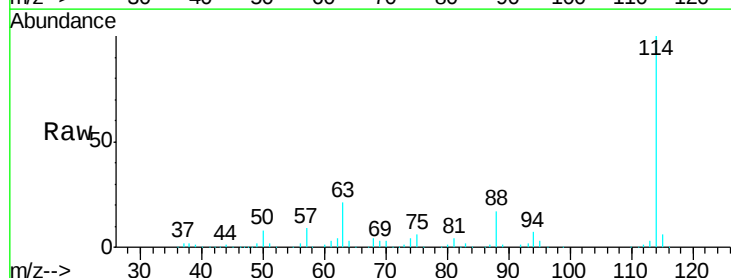
Tgt Ion: 114 Resp: 279874

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

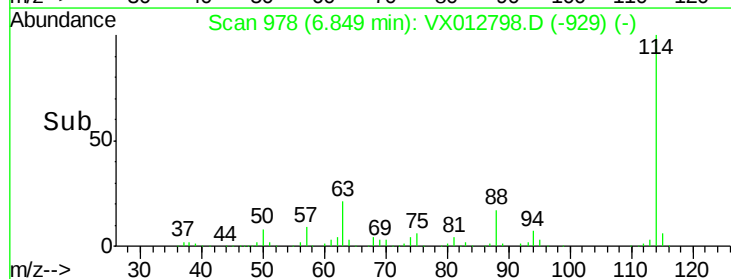
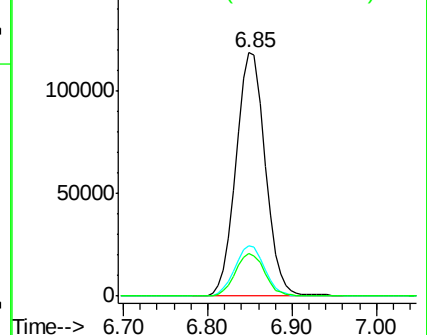
88 17.3 0.0 33.2

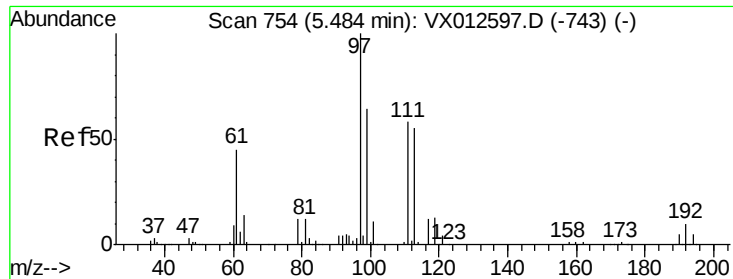


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.001 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

S49-0539MS

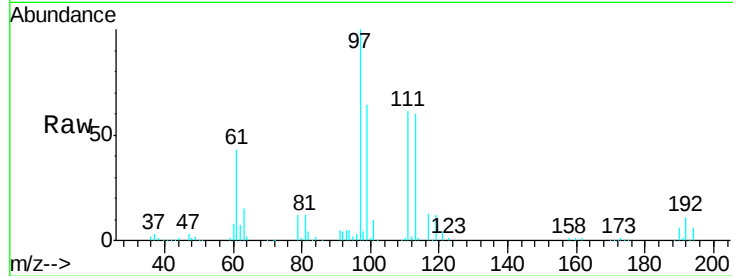
Tgt Ion:113 Resp: 86673

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

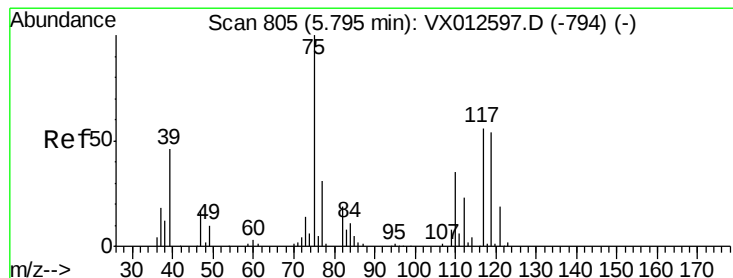
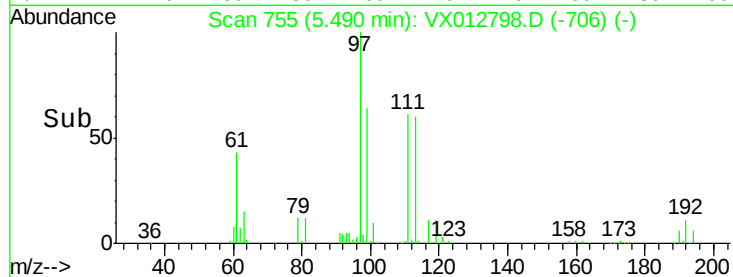
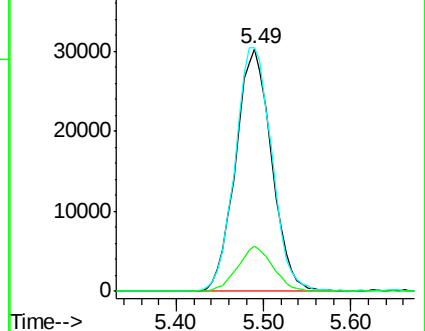
192 18.1 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.940 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

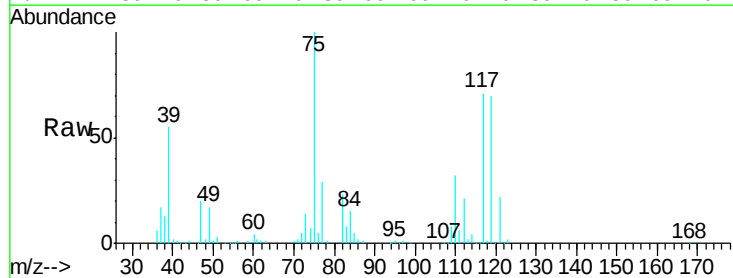
Tgt Ion: 75 Resp: 129326

Ion Ratio Lower Upper

75 100

110 35.5 16.7 50.0

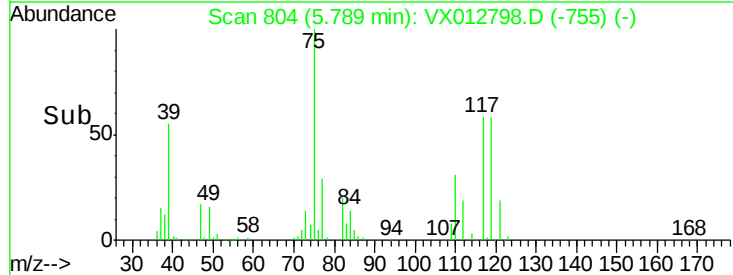
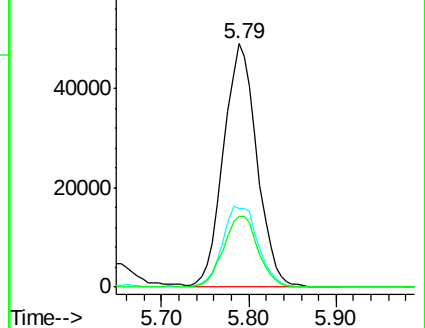
77 30.5 24.2 36.2

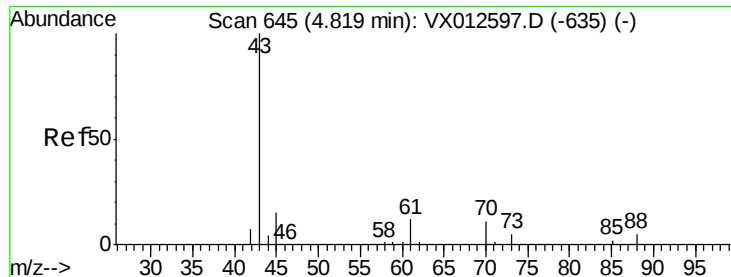


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

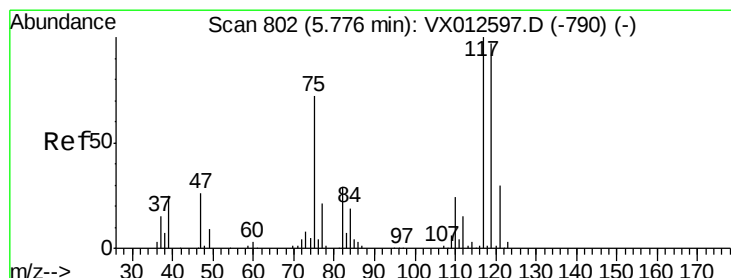
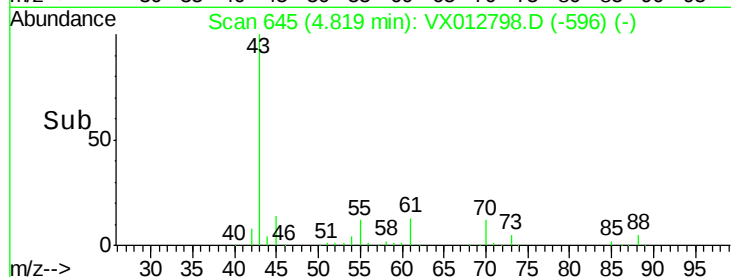
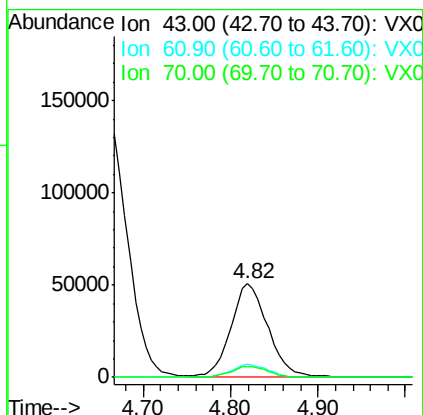
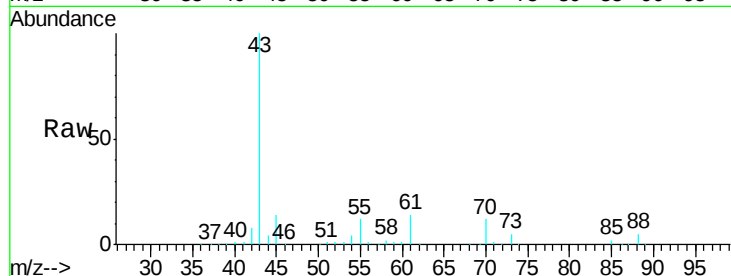




#37
Ethyl Acetate
Concen: 46.666 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

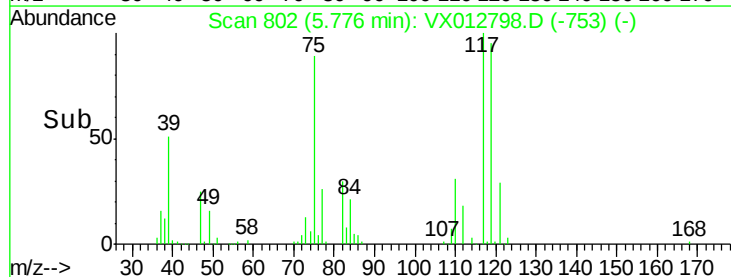
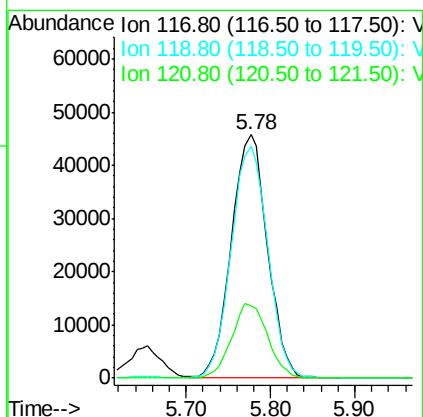
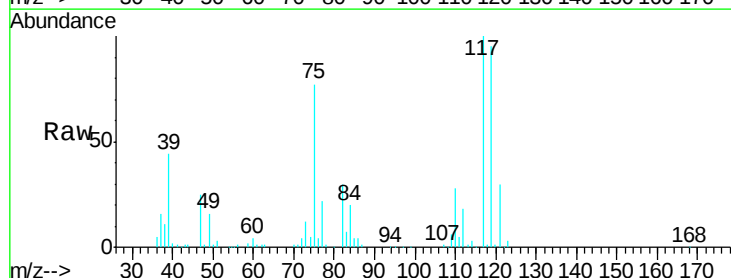
Instrument :
MSVOA_X
ClientSampled :
S49-0539MS

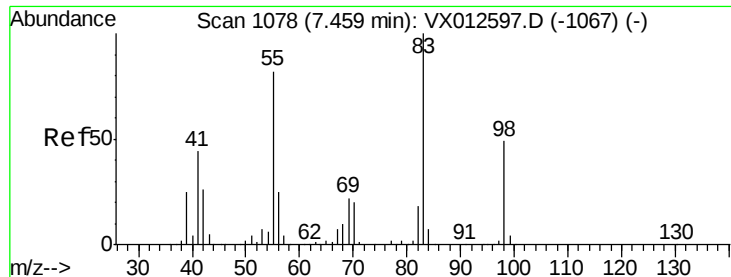
Tgt Ion: 43 Resp: 147178
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.4
70 12.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.515 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 117 Resp: 132949
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5
121 29.6 24.2 36.4

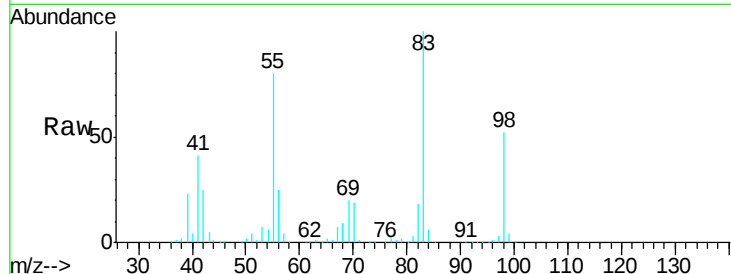




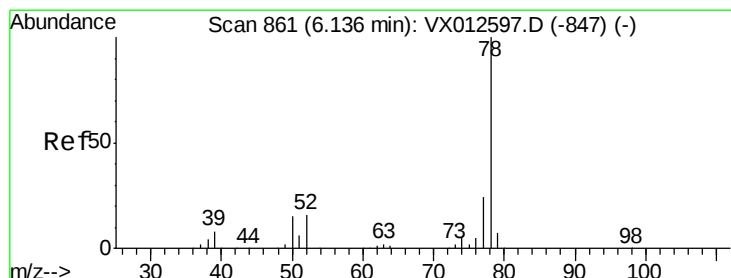
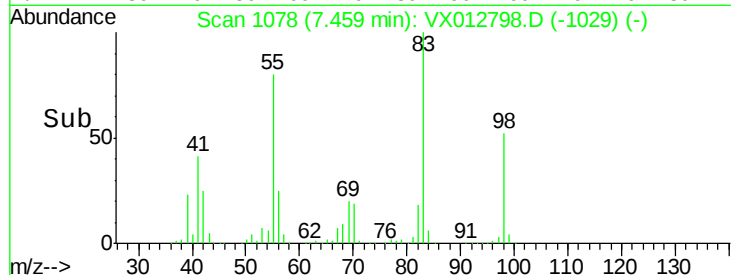
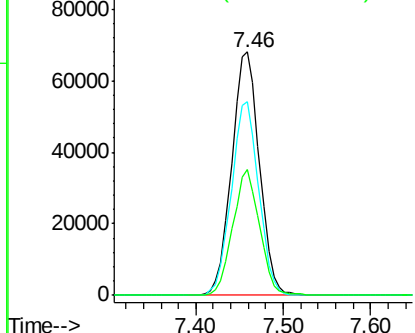
#39
Methylcyclohexane
Concen: 46.135 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Instrument :
MSVOA_X
ClientSampled :
S49-0539MS

Tgt Ion: 83 Resp: 149829
Ion Ratio Lower Upper
83 100
55 79.8 64.4 96.6
98 51.8 40.1 60.1

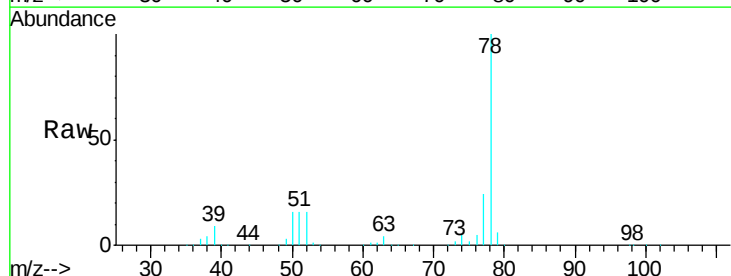


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

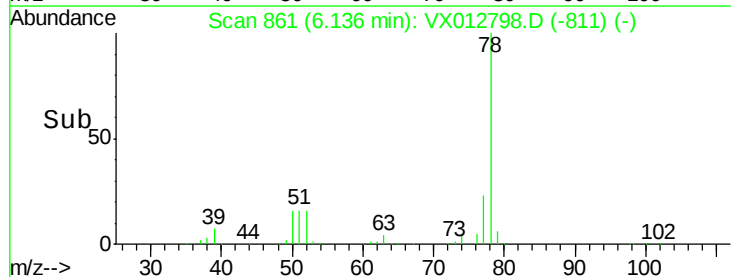
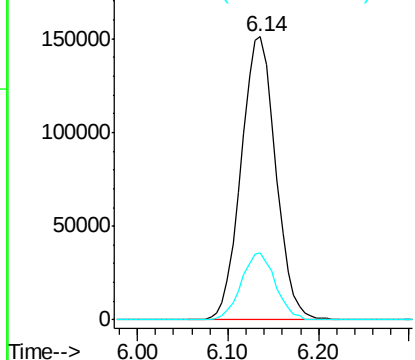


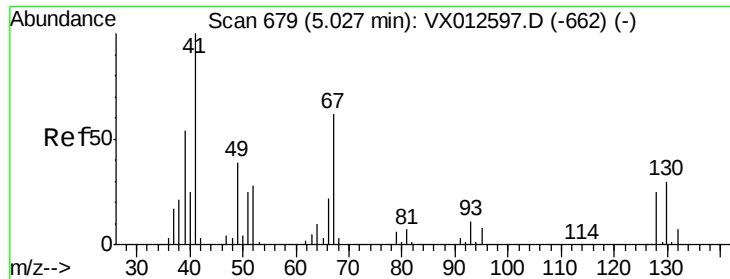
#40
Benzene
Concen: 50.322 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 78 Resp: 399422
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.954 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

Tgt Ion: 41 Resp: 86626

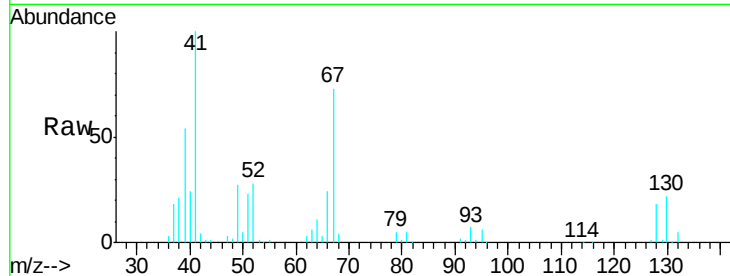
Ion Ratio Lower Upper

41 100

39 55.4 46.0 69.0

67 71.9 52.2 78.2

52 29.6 22.7 34.1

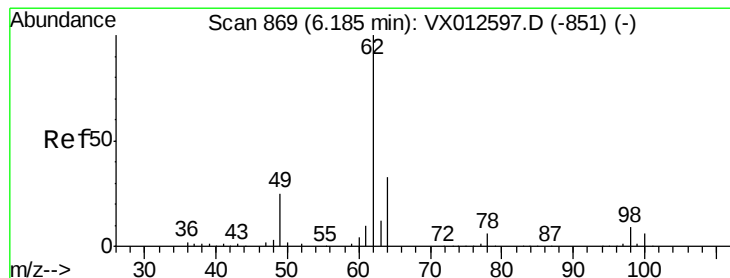
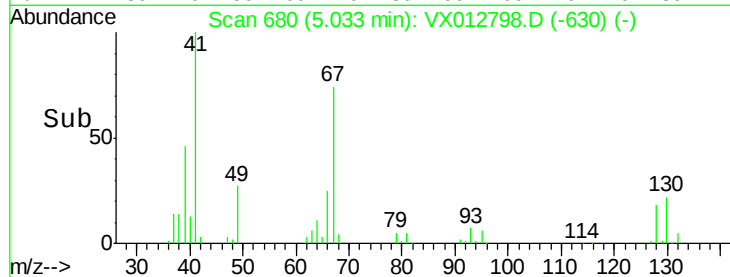
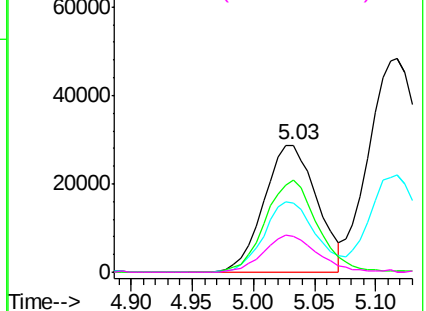


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.215 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012798.D

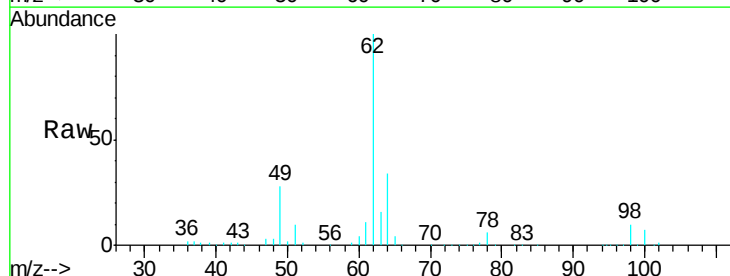
Acq: 03 Oct 2019 20:53

Tgt Ion: 62 Resp: 148339

Ion Ratio Lower Upper

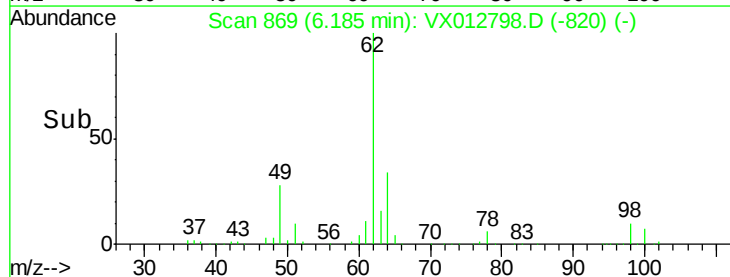
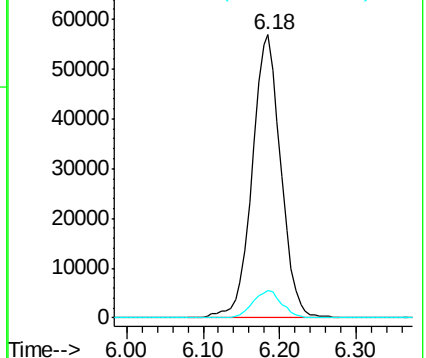
62 100

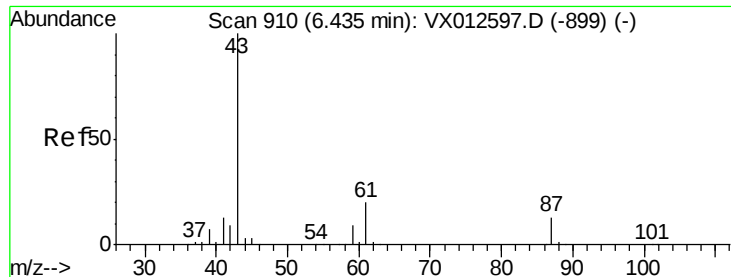
98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.659 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

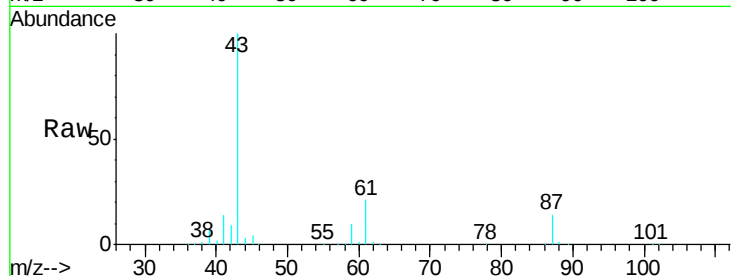
Tgt Ion: 43 Resp: 240816

Ion Ratio Lower Upper

43 100

61 21.1 15.4 23.0

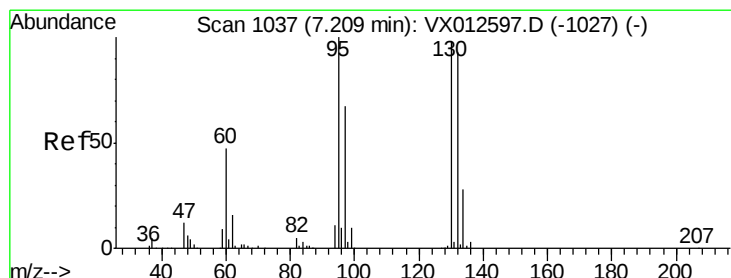
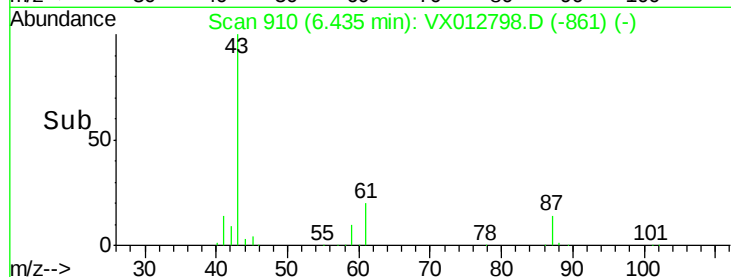
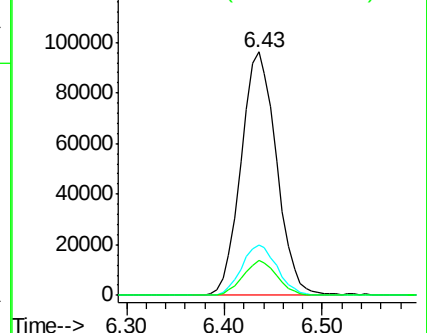
87 13.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.399 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012798.D

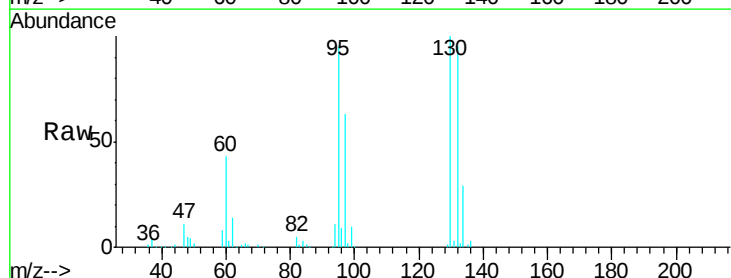
Acq: 03 Oct 2019 20:53

Tgt Ion: 130 Resp: 102267

Ion Ratio Lower Upper

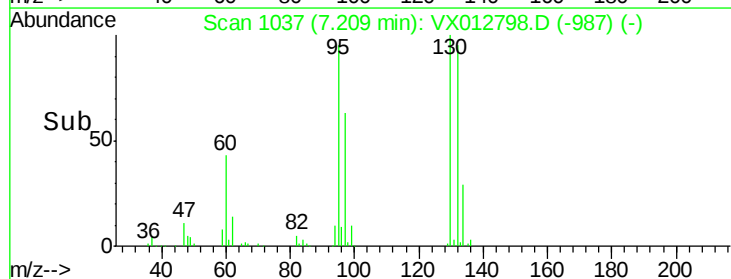
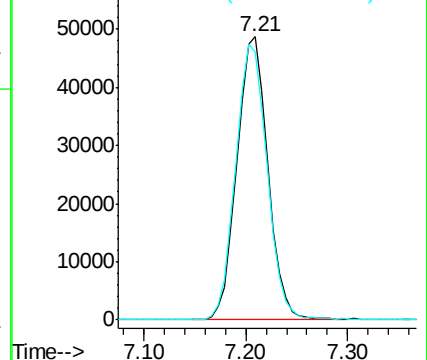
130 100

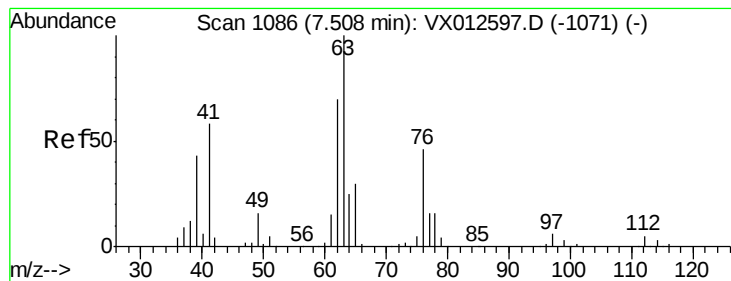
95 94.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.218 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

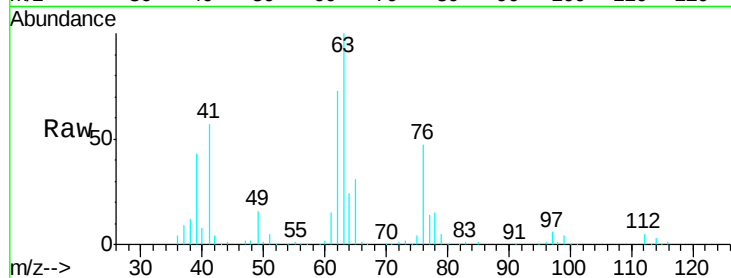
S49-0539MS

Tgt Ion: 63 Resp: 104083

Ion Ratio Lower Upper

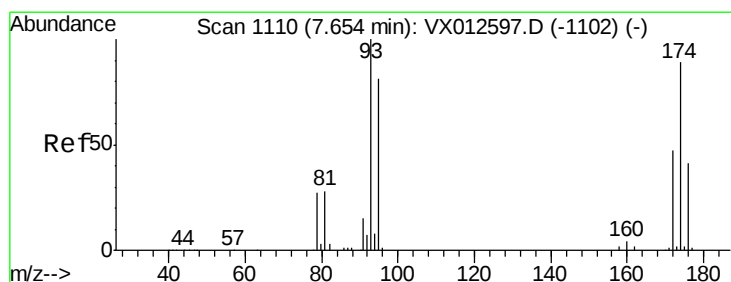
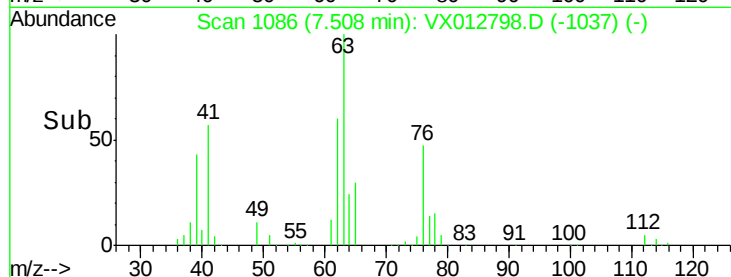
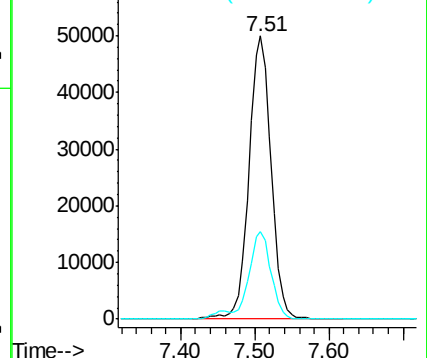
63 100

65 30.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.873 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

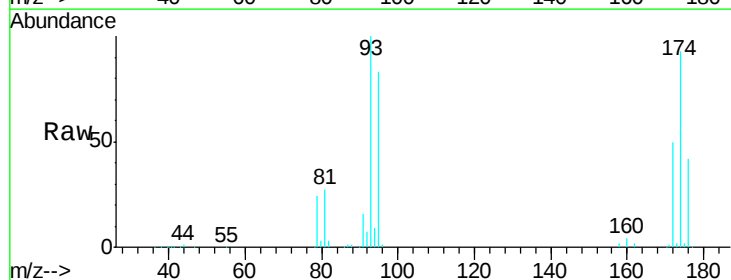
Tgt Ion: 93 Resp: 70388

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

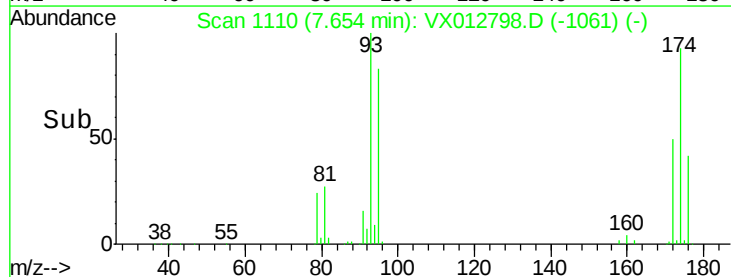
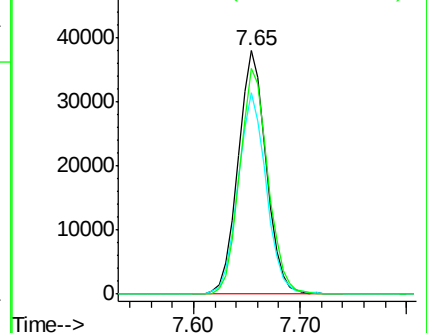
174 93.3 77.4 116.0

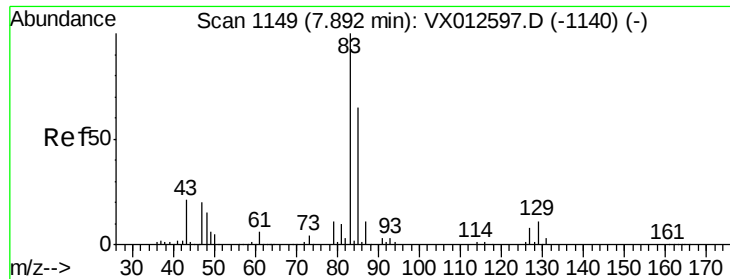


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

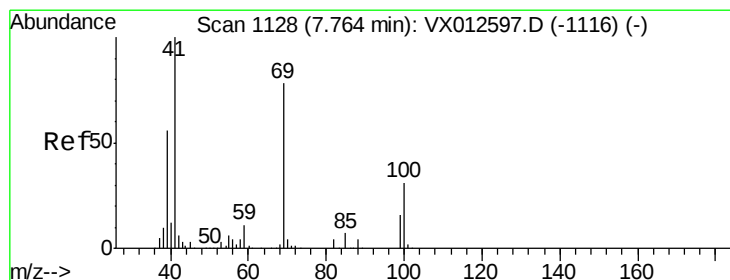
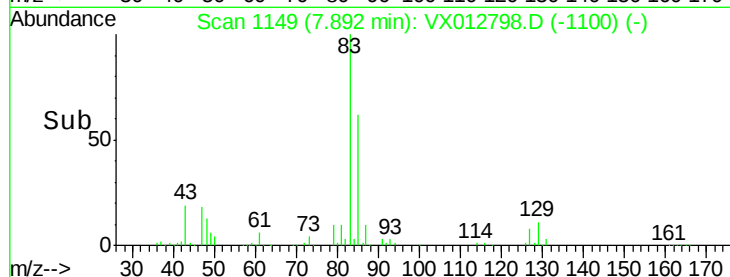
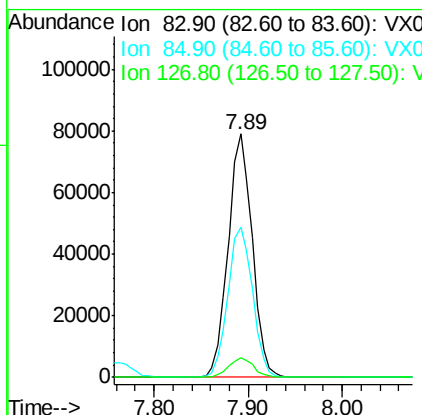
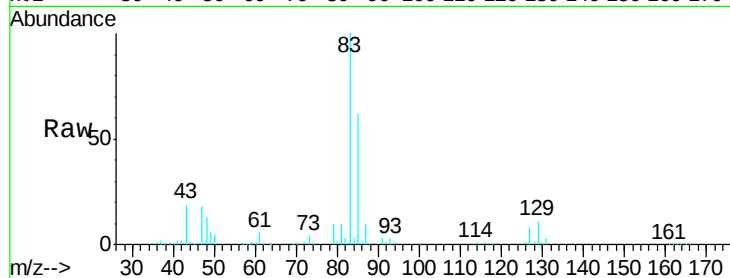




#47
 Bromodichloromethane
 Concen: 50.703 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

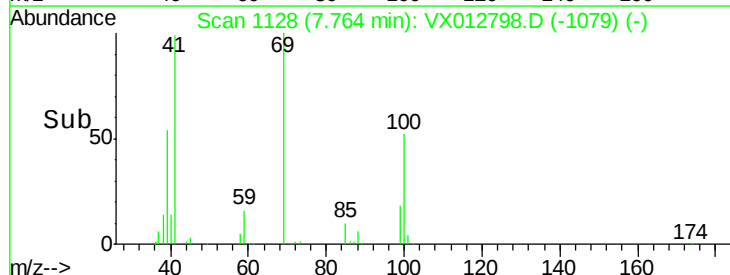
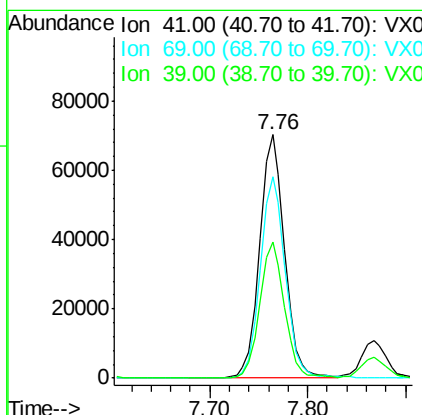
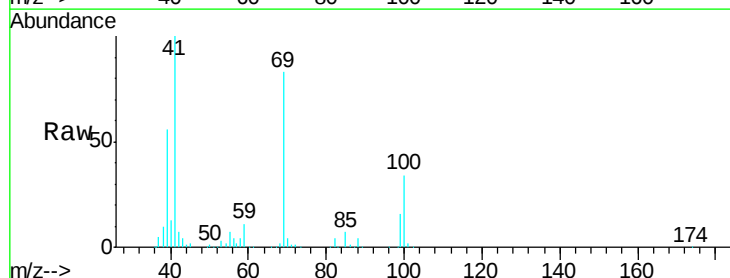
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0539MS

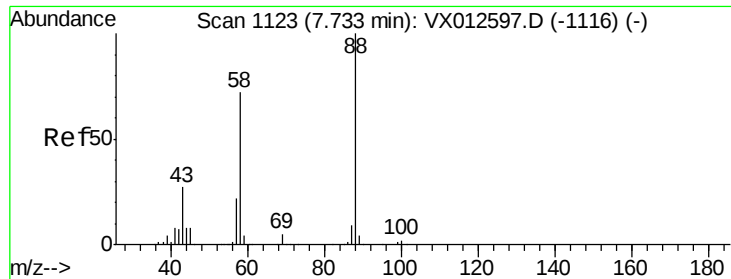
Tgt Ion: 83 Resp: 140207
 Ion Ratio Lower Upper
 83 100
 85 61.6 51.8 77.6
 127 8.3 7.3 10.9



#48
 Methyl methacrylate
 Concen: 49.104 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion: 41 Resp: 124184
 Ion Ratio Lower Upper
 41 100
 69 83.1 59.9 89.9
 39 55.5 47.8 71.6

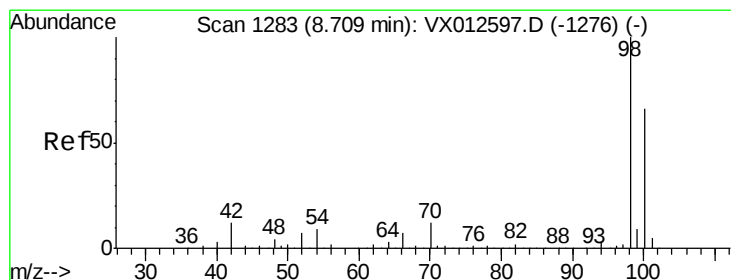
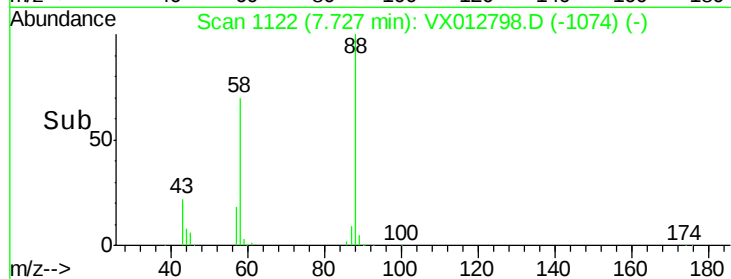
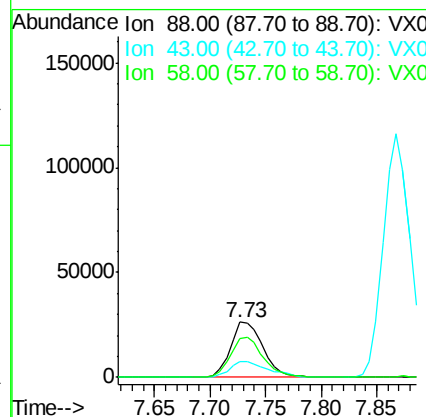
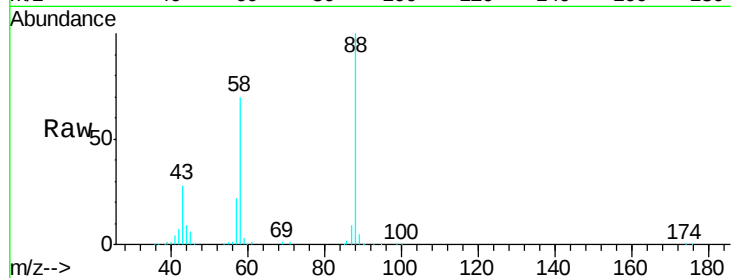




#49
1,4-Dioxane
Concen: 938.952 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

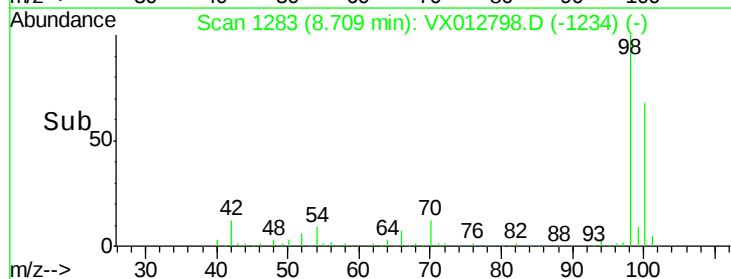
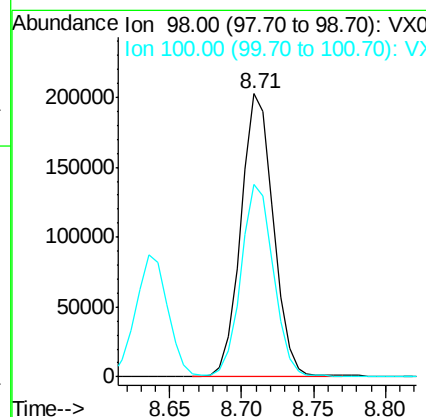
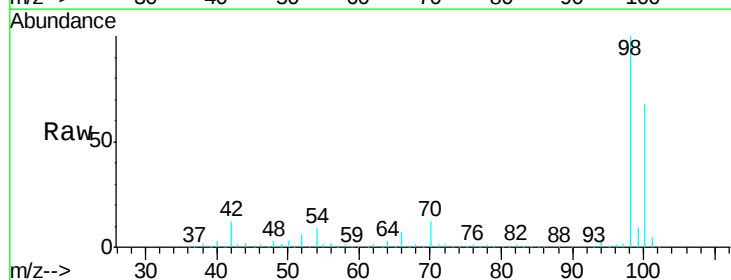
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MS

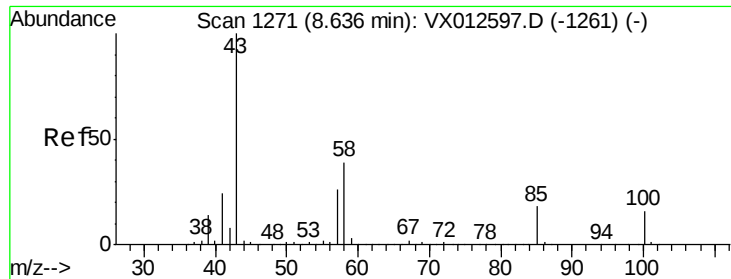
Tgt Ion: 88 Resp: 53860
Ion Ratio Lower Upper
88 100
43 32.8 29.4 44.0
58 72.6 57.5 86.3



#50
Toluene-d8
Concen: 49.464 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 98 Resp: 317503
Ion Ratio Lower Upper
98 100
100 68.3 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 247.701 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

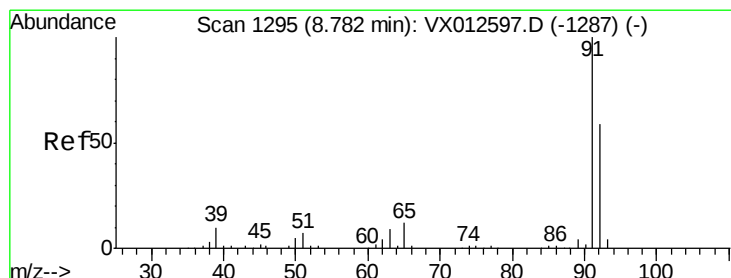
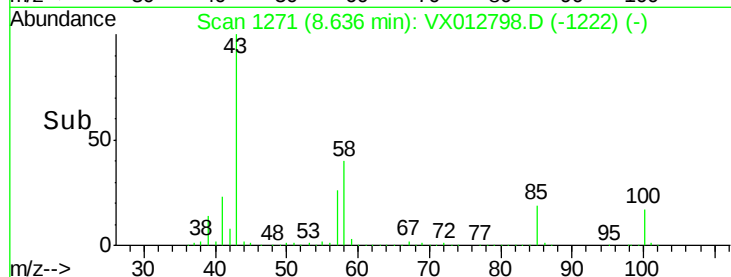
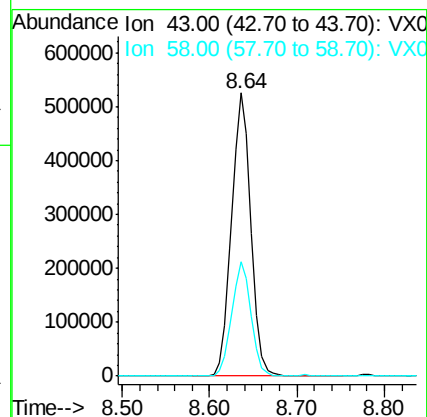
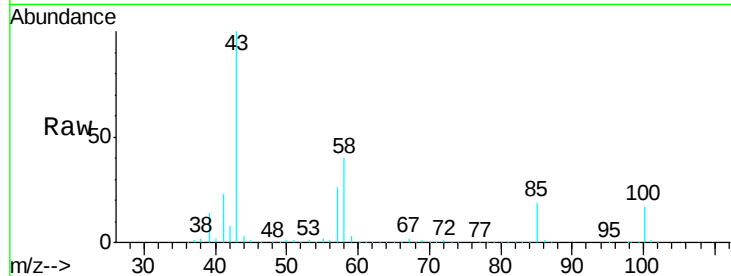
S49-0539MS

Tgt Ion: 43 Resp: 806444

Ion Ratio Lower Upper

43 100

58 40.2 29.8 44.6



#52

Toluene

Concen: 50.534 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012798.D

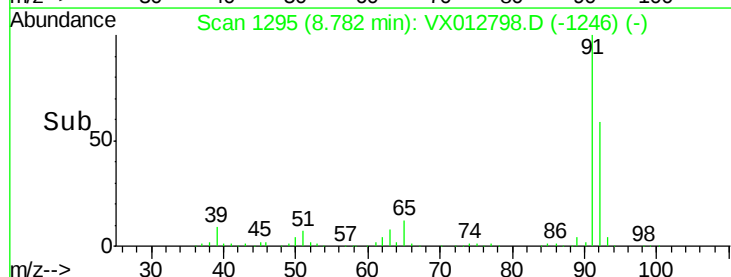
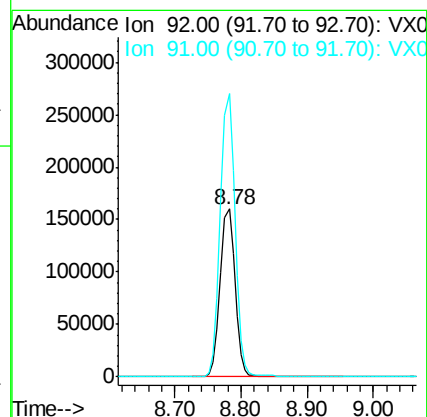
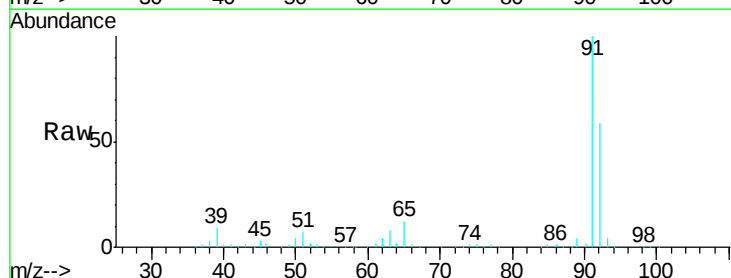
Acq: 03 Oct 2019 20:53

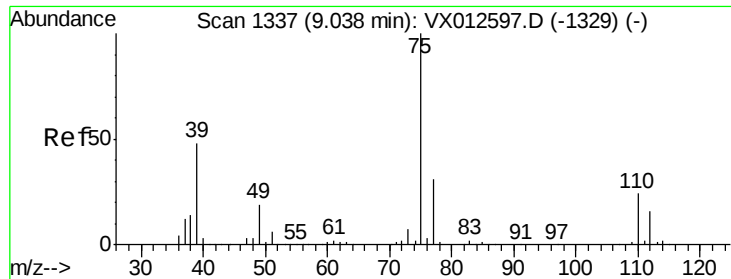
Tgt Ion: 92 Resp: 252100

Ion Ratio Lower Upper

92 100

91 166.5 135.4 203.0

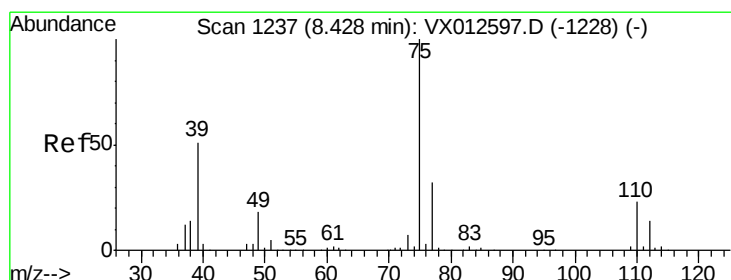
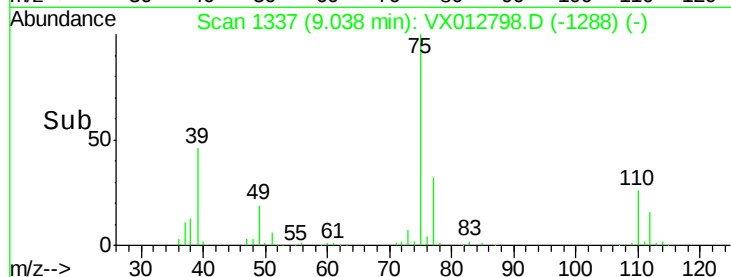
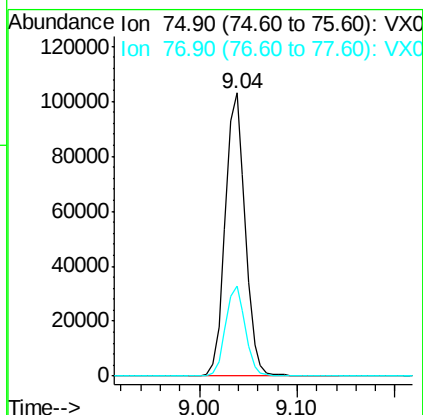
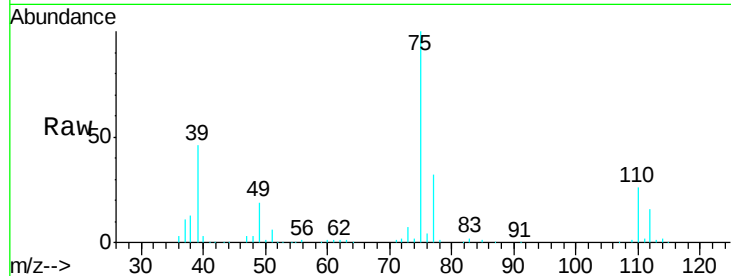




#53
t-1,3-Dichloropropene
Concen: 47.706 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

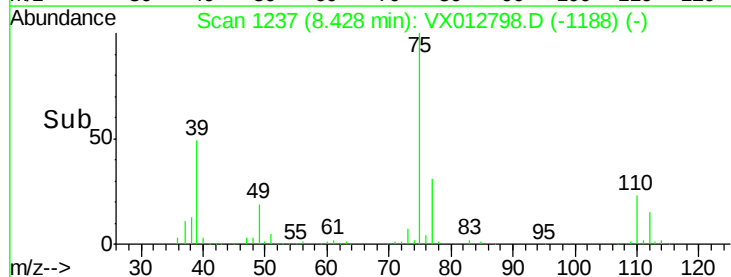
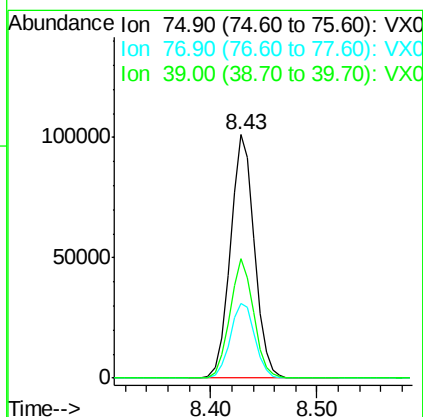
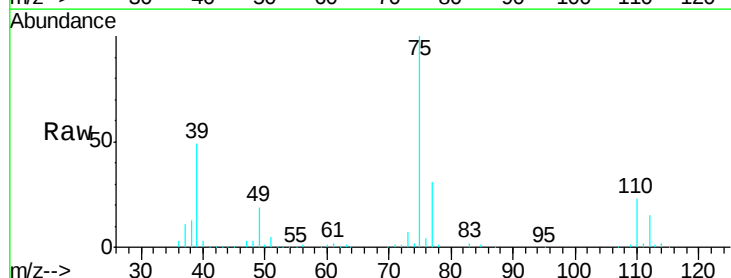
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MS

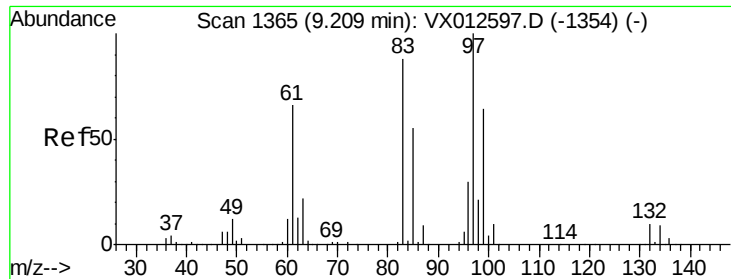
Tgt Ion: 75 Resp: 145959
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 47.946 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 75 Resp: 160165
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8
39 48.8 45.5 68.3

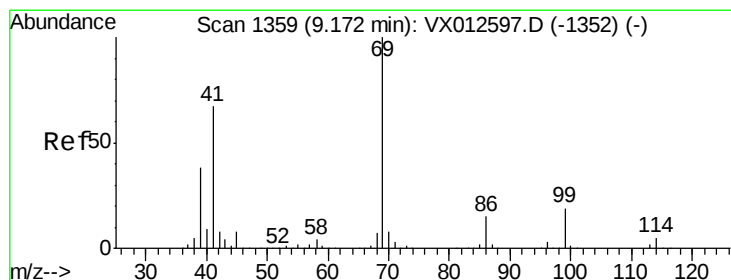
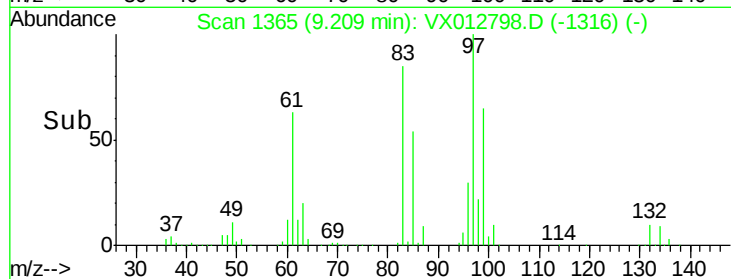
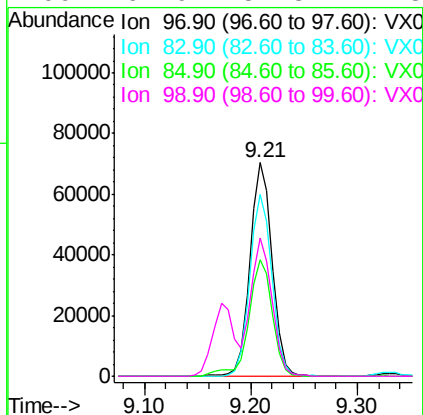
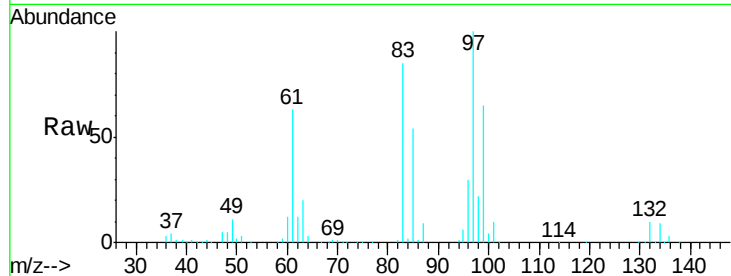




#55
 1,1,2-Trichloroethane
 Concen: 51.695 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

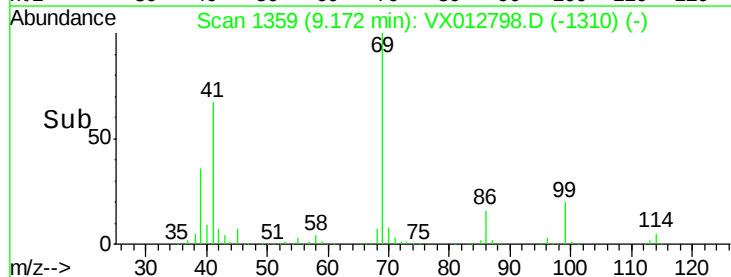
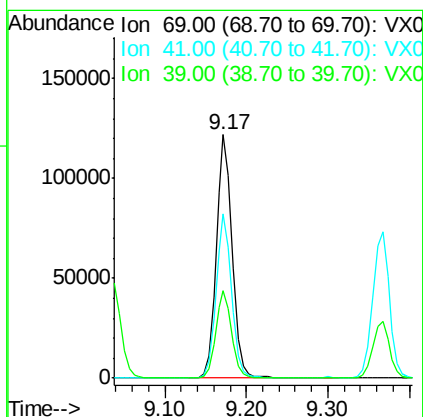
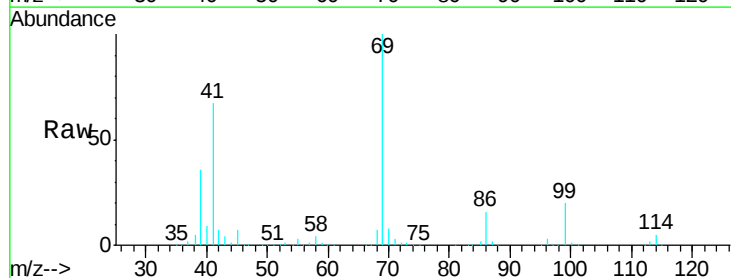
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0539MS

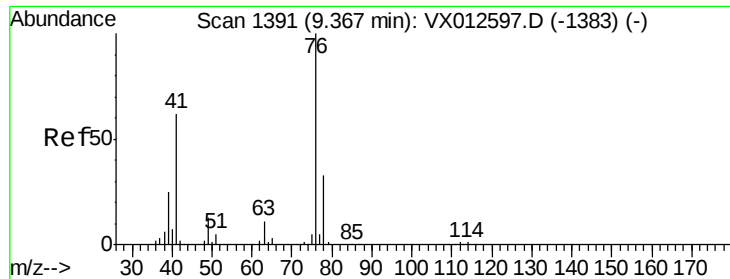
Tgt Ion:	97	Resp:	102530
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.2
85	54.4	43.5	65.3
99	64.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 50.362 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion:	69	Resp:	167808
Ion	Ratio	Lower	Upper
69	100		
41	66.2	58.4	87.6
39	35.9	33.4	50.0

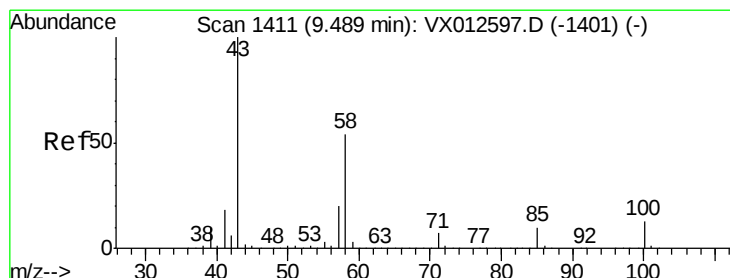
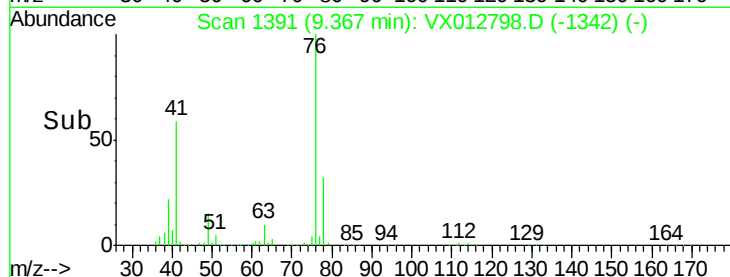
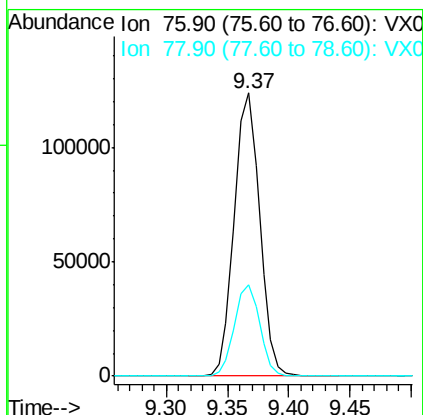
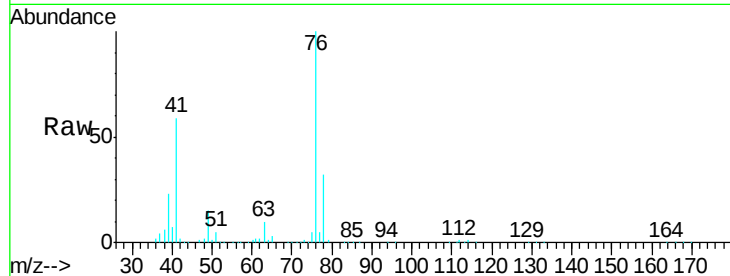




#57
 1,3-Dichloropropane
 Concen: 51.444 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

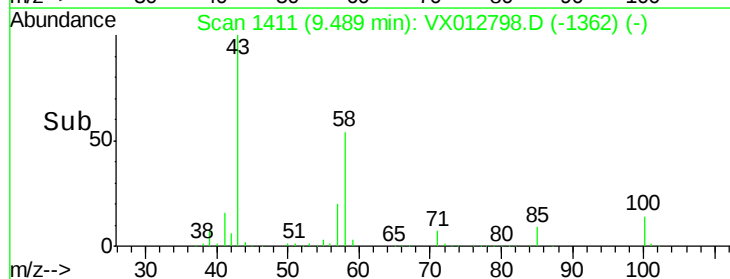
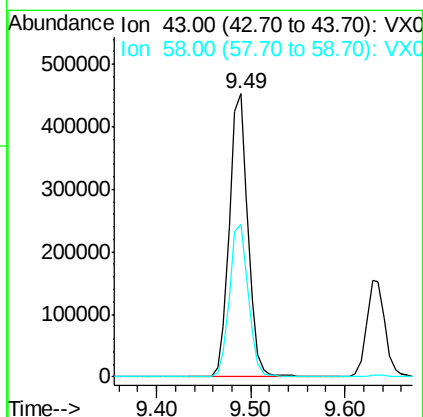
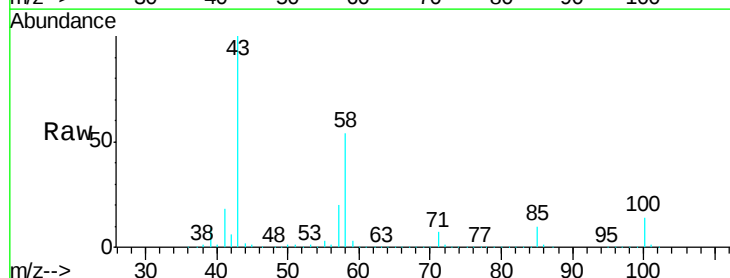
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MS

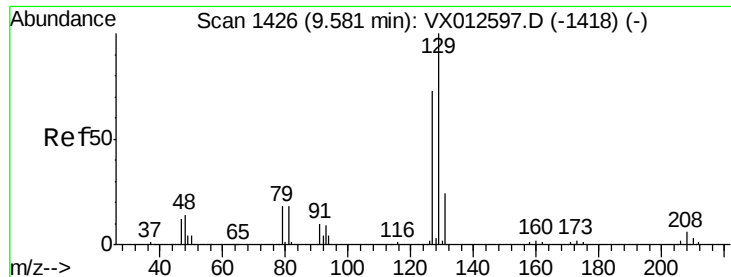
Tgt Ion: 76 Resp: 178574
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2



#59
 2-Hexanone
 Concen: 249.557 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion: 43 Resp: 621910
 Ion Ratio Lower Upper
 43 100
 58 54.8 25.7 77.1





#60

Dibromochloromethane

Concen: 52.540 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

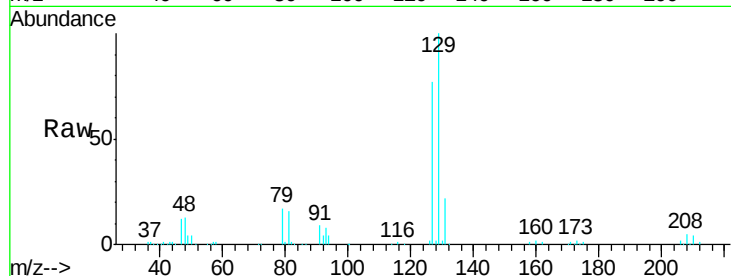
S49-0539MS

Tgt Ion:129 Resp: 105487

Ion Ratio Lower Upper

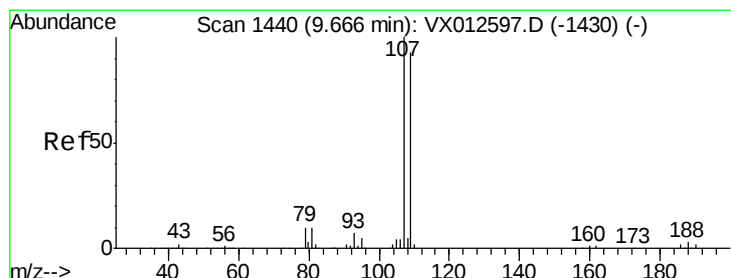
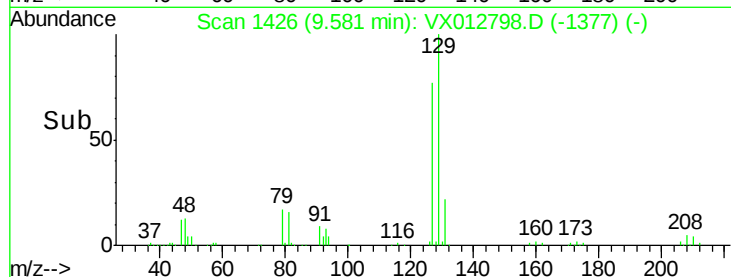
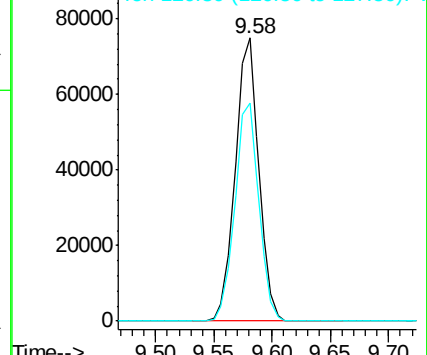
129 100

127 78.7 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.417 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012798.D

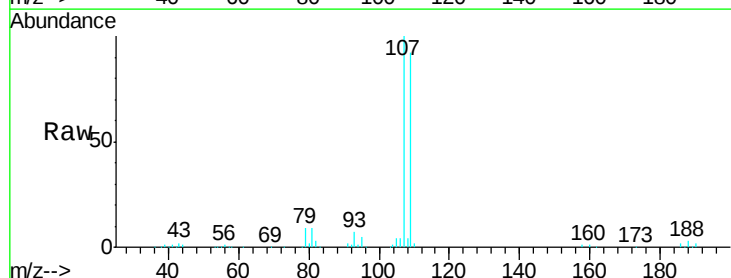
Acq: 03 Oct 2019 20:53

Tgt Ion:107 Resp: 108196

Ion Ratio Lower Upper

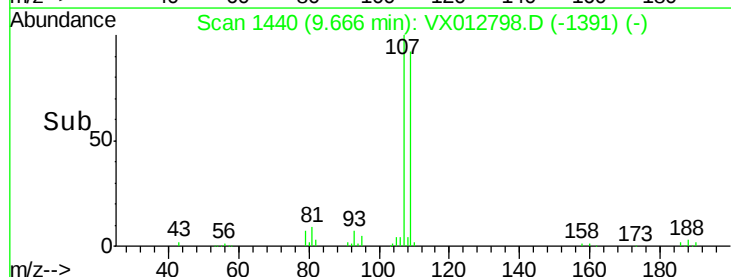
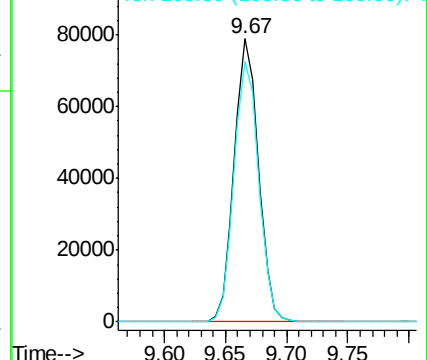
107 100

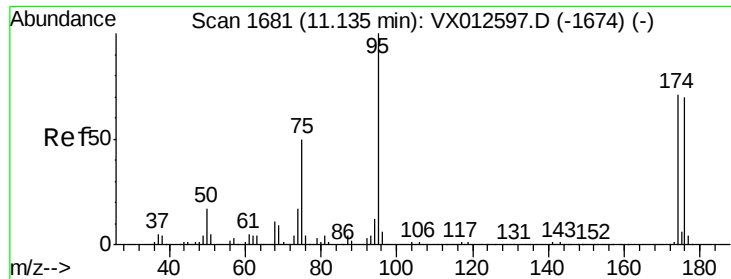
109 94.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.178 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

S49-0539MS

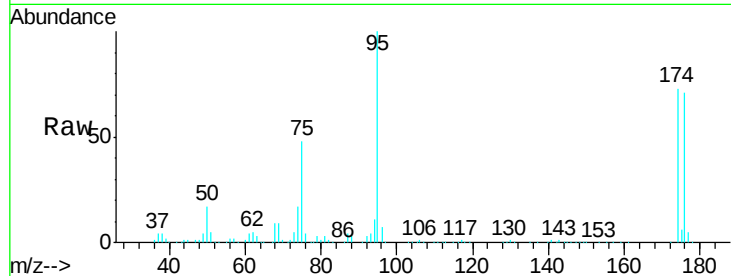
Tgt Ion: 95 Resp: 124122

Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

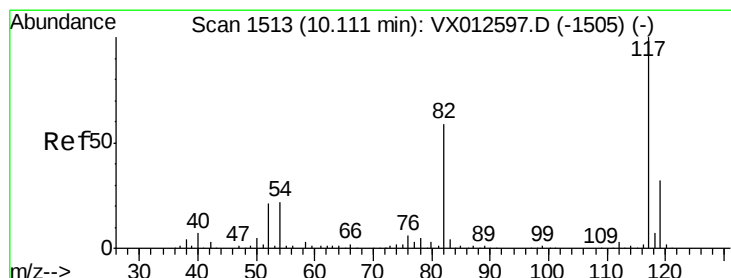
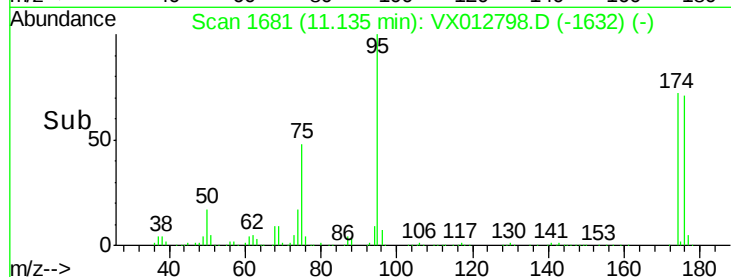
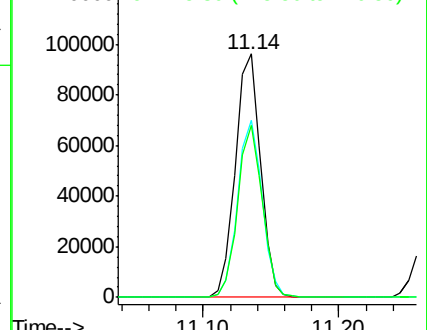
176 68.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

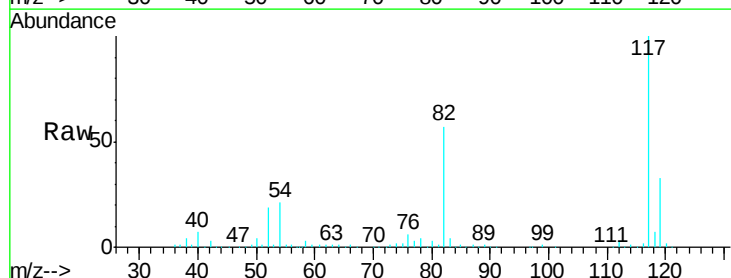
Tgt Ion: 117 Resp: 249689

Ion Ratio Lower Upper

117 100

82 56.7 45.9 68.9

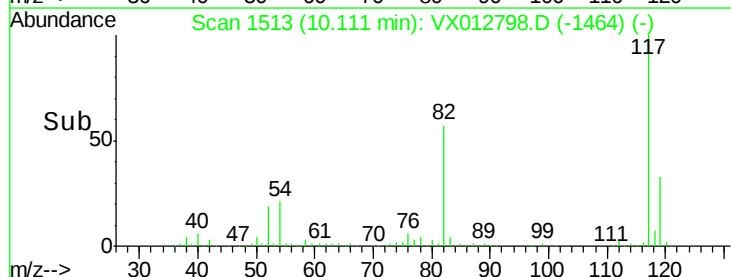
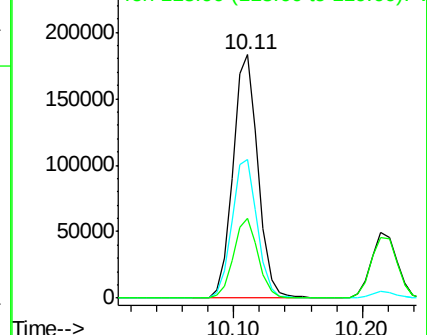
119 32.8 25.3 37.9

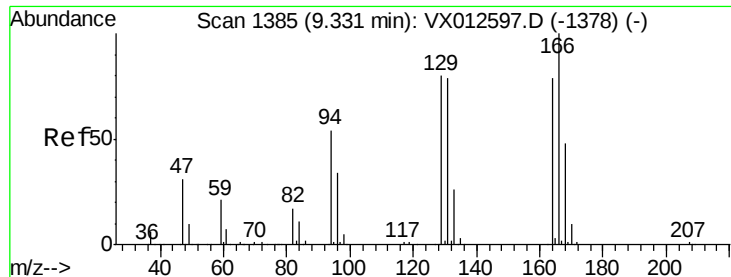


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 48.600 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

Tgt Ion:164 Resp: 84607

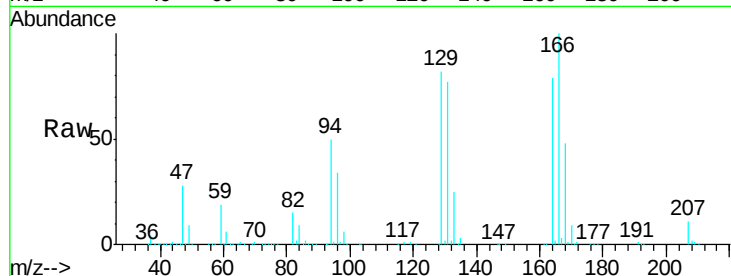
Ion Ratio Lower Upper

164 100

166 127.0 107.8 161.6

129 104.3 86.2 129.2

131 97.7 80.4 120.6

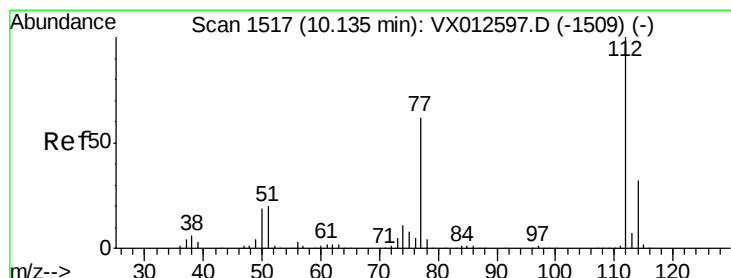
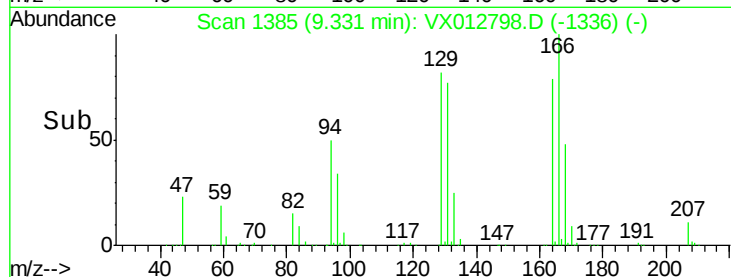
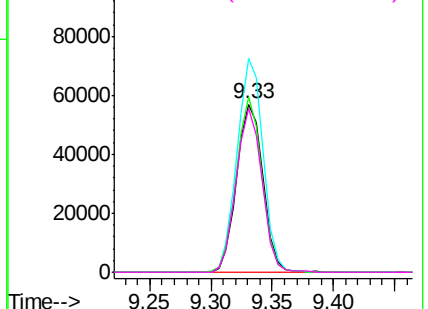


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.178 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012798.D

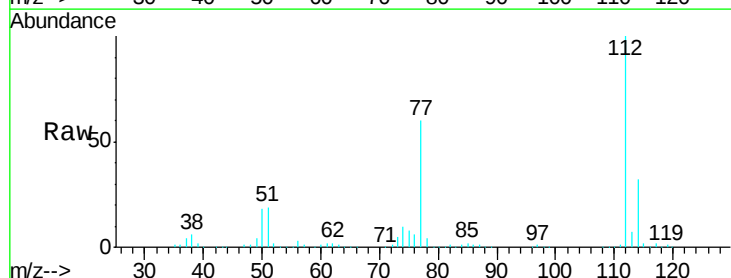
Acq: 03 Oct 2019 20:53

Tgt Ion:112 Resp: 263833

Ion Ratio Lower Upper

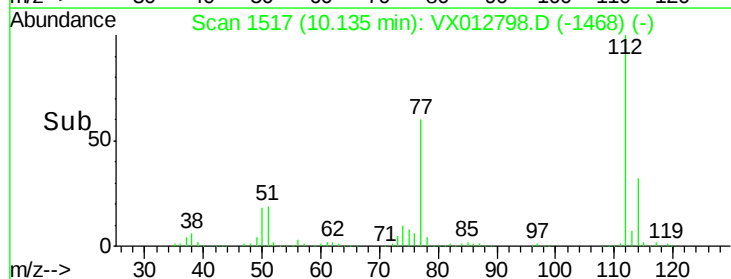
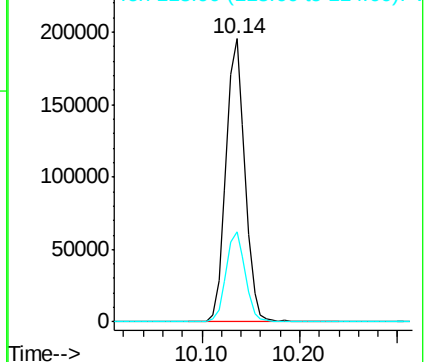
112 100

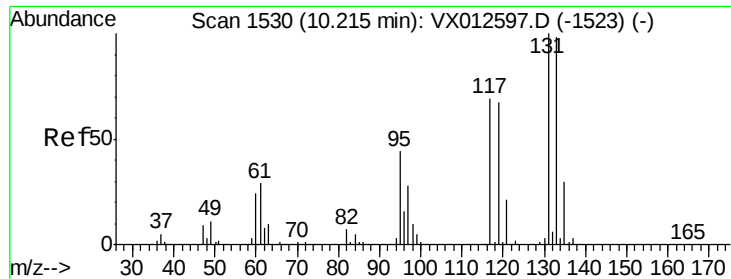
114 32.0 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

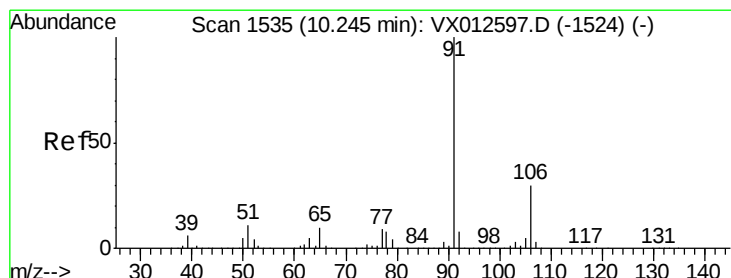
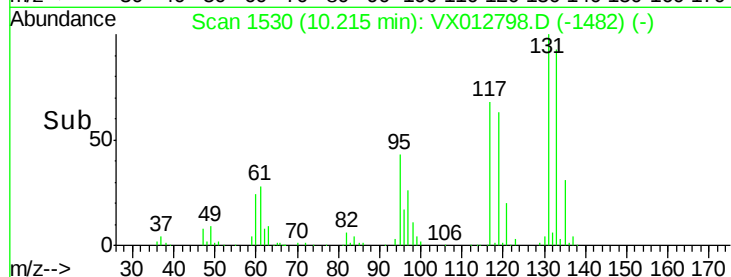
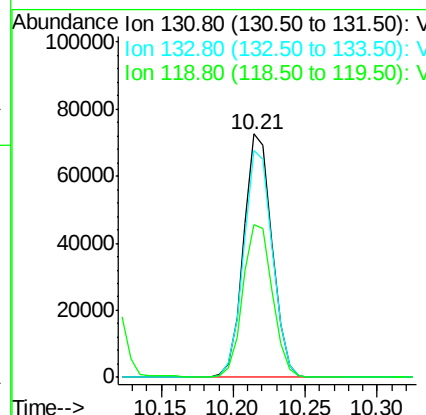
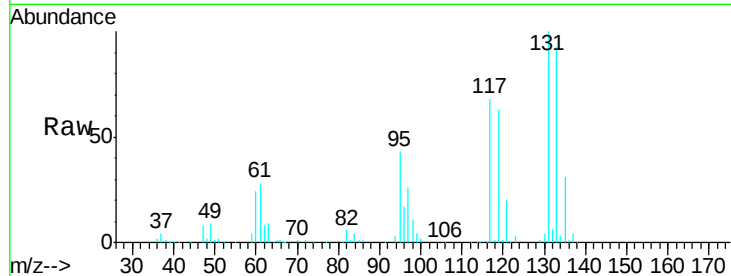




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.009 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

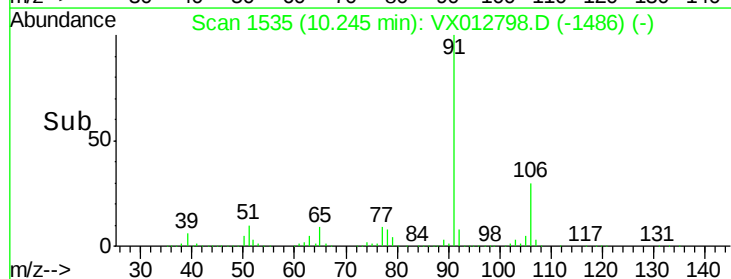
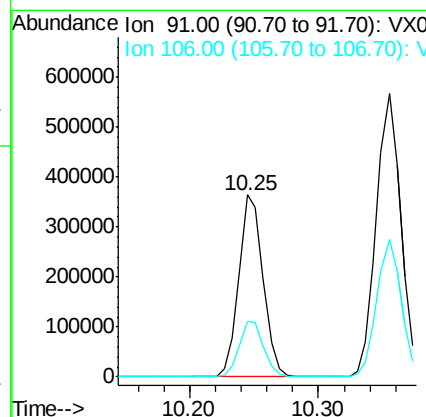
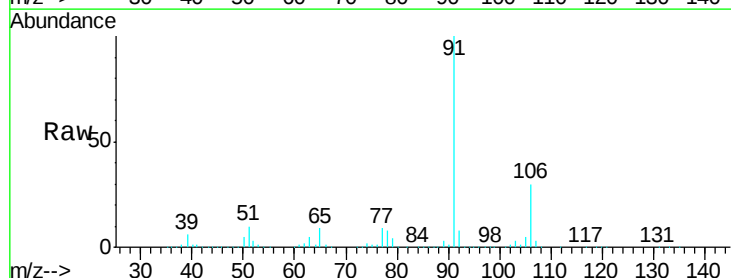
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MS

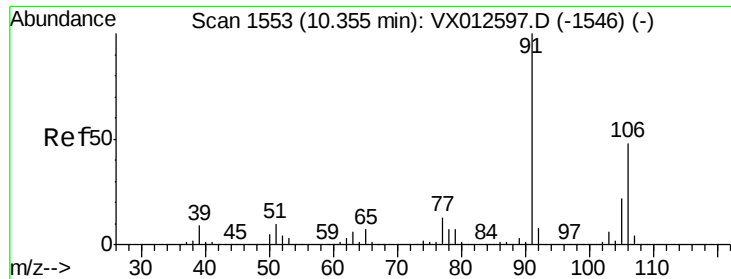
Tgt Ion:131 Resp: 99081
 Ion Ratio Lower Upper
 131 100
 133 94.6 47.6 142.9
 119 65.2 31.3 93.8



#67
 Ethyl Benzene
 Concen: 50.434 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion: 91 Resp: 480969
 Ion Ratio Lower Upper
 91 100
 106 30.3 24.6 37.0

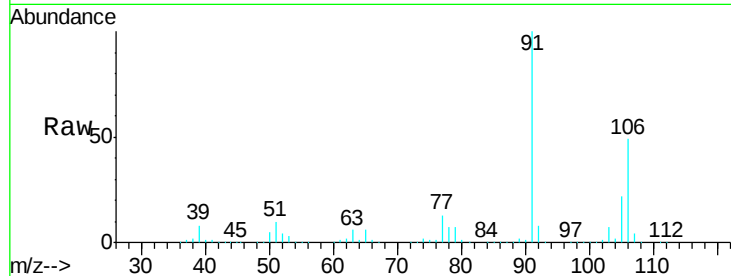




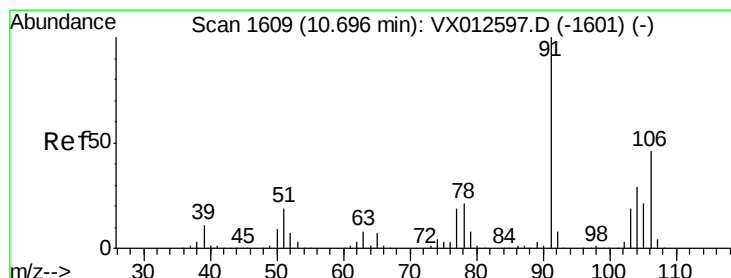
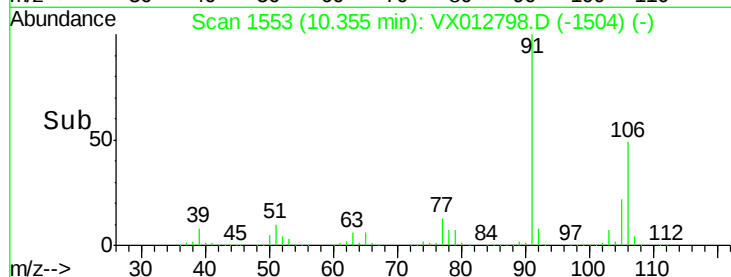
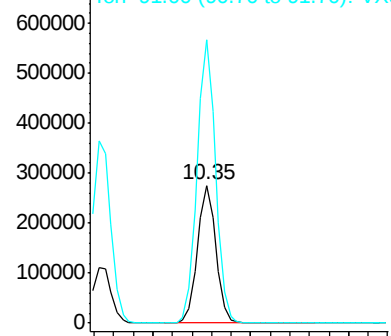
#68
m/p-Xylenes
Concen: 101.321 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Instrument :
MSVOA_X
ClientSampled :
S49-0539MS

Tgt Ion:106 Resp: 361959
Ion Ratio Lower Upper
106 100
91 205.6 166.6 250.0

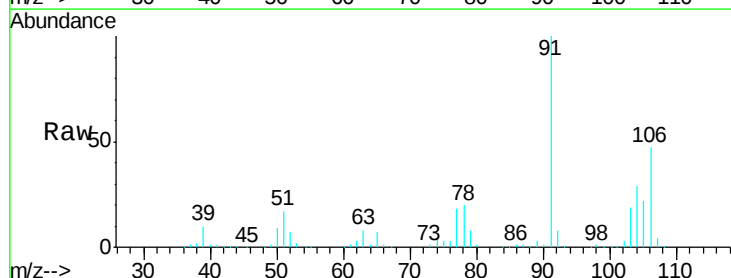


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

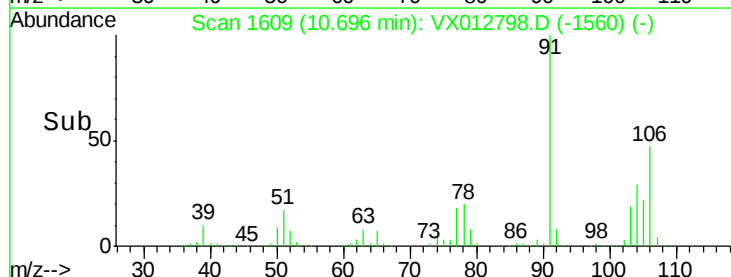
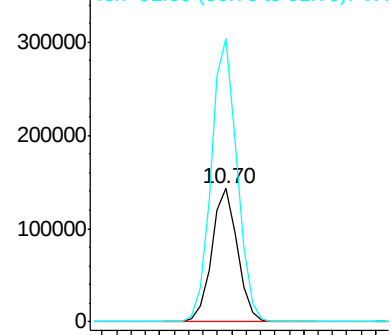


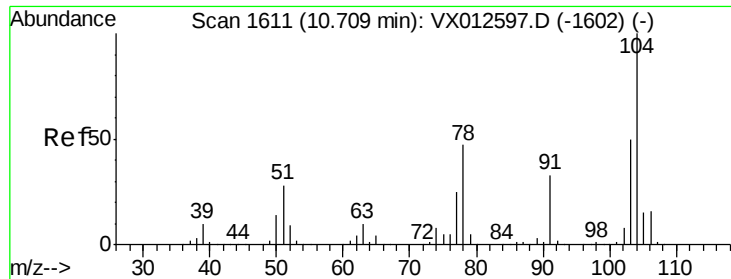
#69
o-Xylene
Concen: 51.462 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion:106 Resp: 177890
Ion Ratio Lower Upper
106 100
91 215.4 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

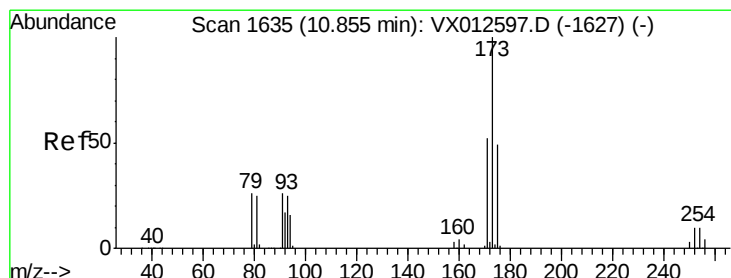
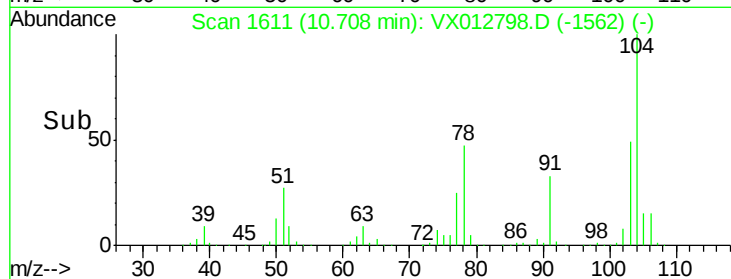
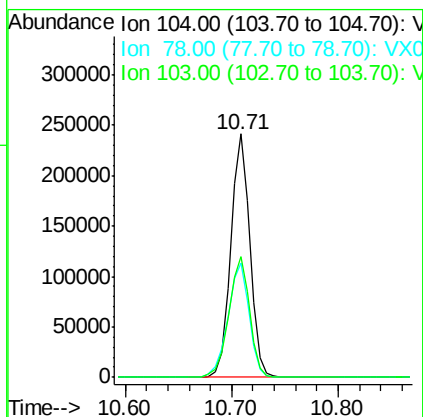
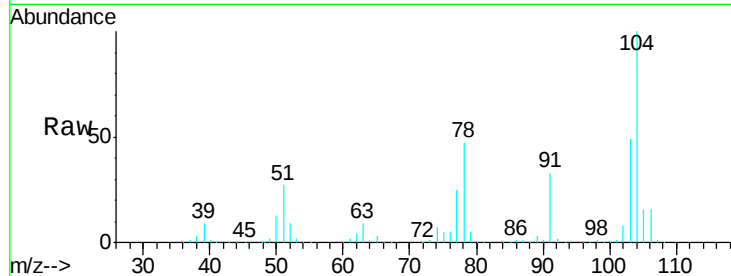




#70
Styrene
Concen: 52.617 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

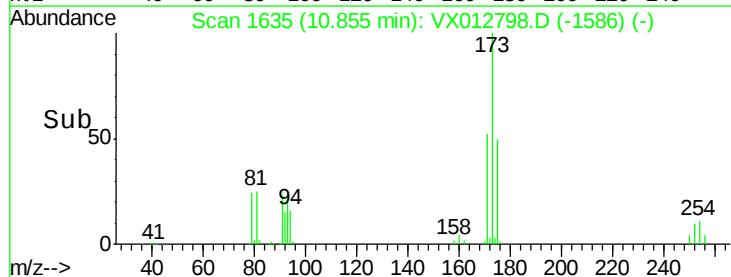
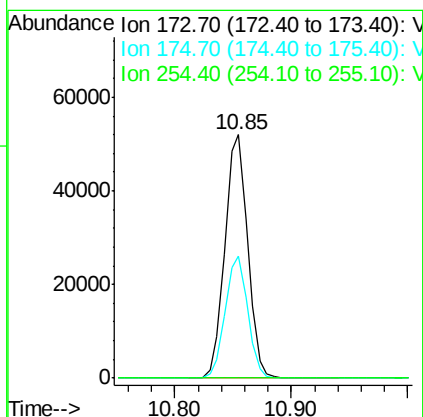
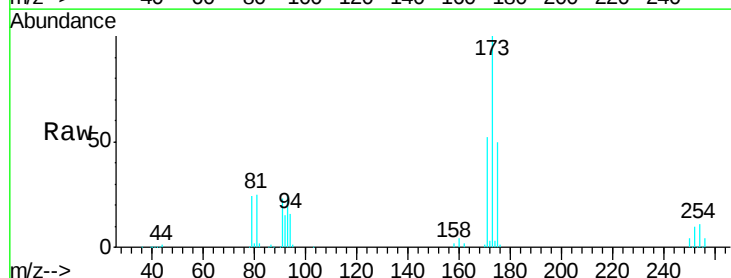
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MS

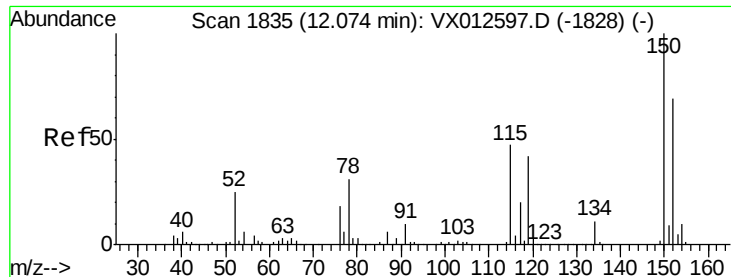
Tgt Ion:104 Resp: 304910
Ion Ratio Lower Upper
104 100
78 52.0 43.4 65.2
103 53.7 43.3 64.9



#71
Bromoform
Concen: 53.043 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion:173 Resp: 70362
Ion Ratio Lower Upper
173 100
175 49.4 23.7 71.1
254 0.1 0.1 0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

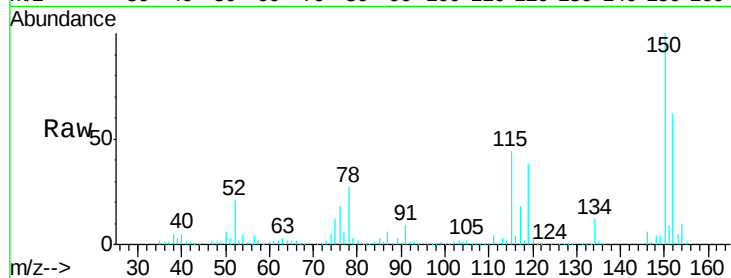
Tgt Ion:152 Resp: 118269

Ion Ratio Lower Upper

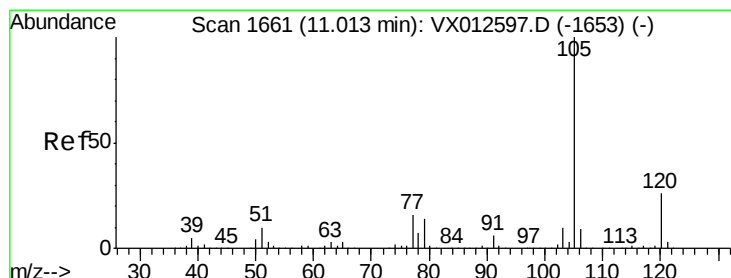
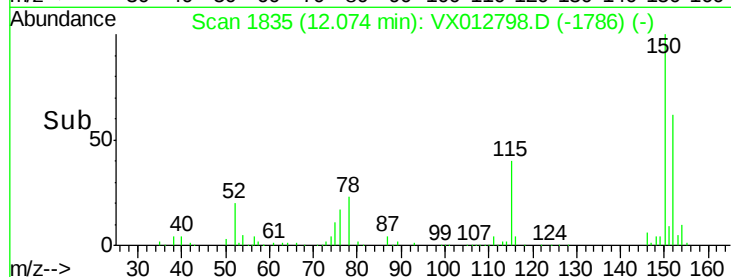
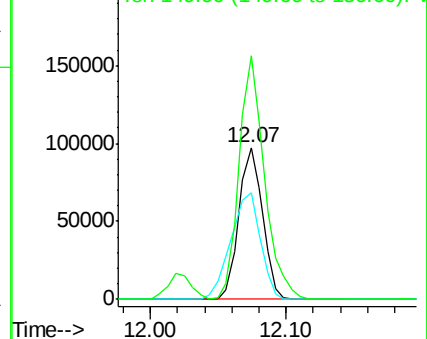
152 100

115 88.3 44.1 132.3

150 171.6 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.014 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012798.D

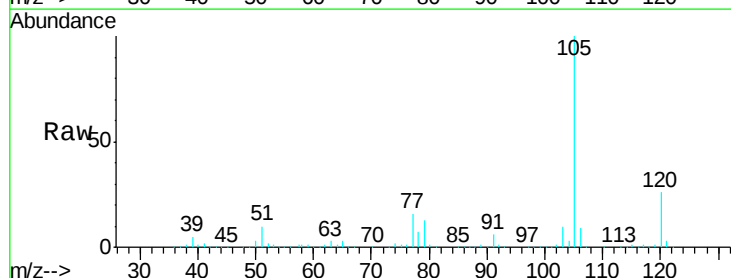
Acq: 03 Oct 2019 20:53

Tgt Ion:105 Resp: 472131

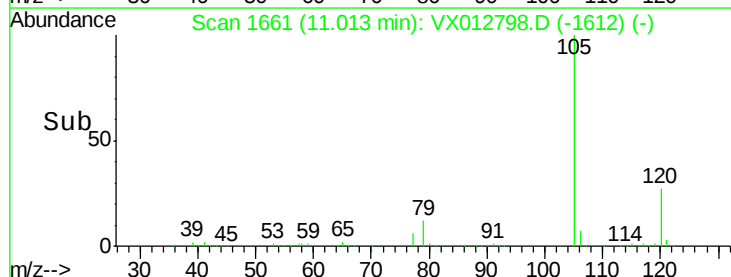
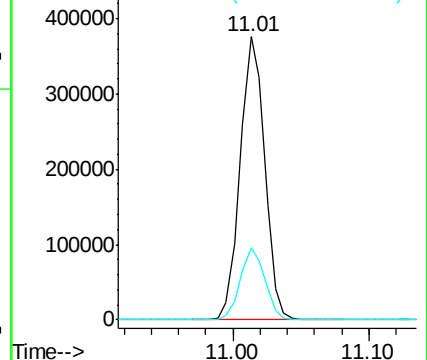
Ion Ratio Lower Upper

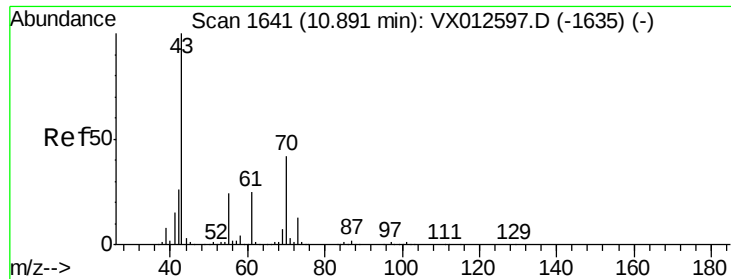
105 100

120 25.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 45.891 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

S49-0539MS

Tgt Ion: 43 Resp: 210890

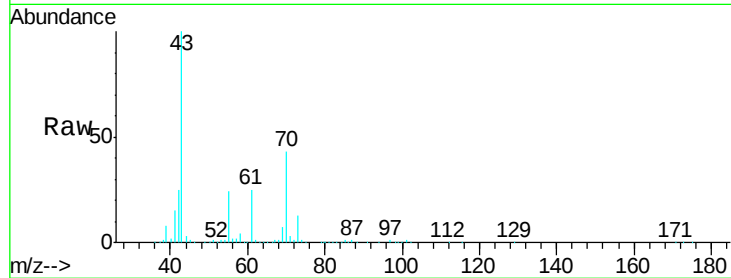
Ion Ratio Lower Upper

43 100

70 43.7 32.4 48.6

55 24.6 18.2 27.4

61 24.3 18.5 27.7

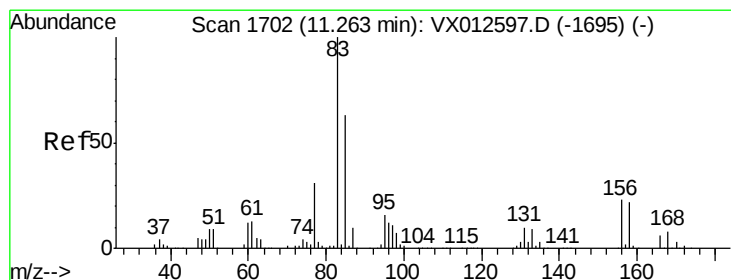
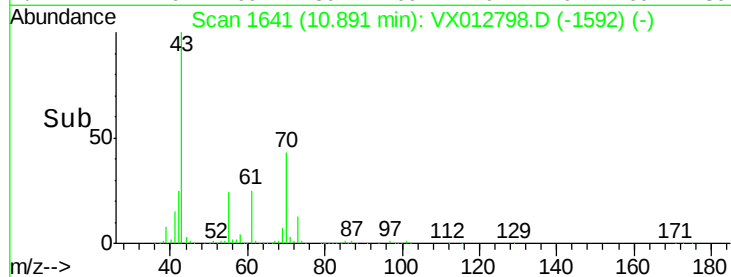
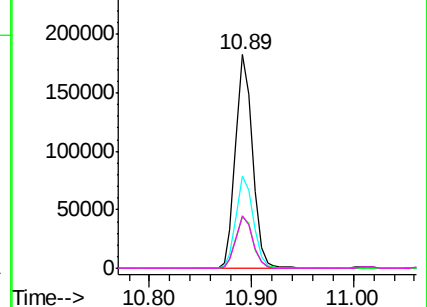


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.228 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

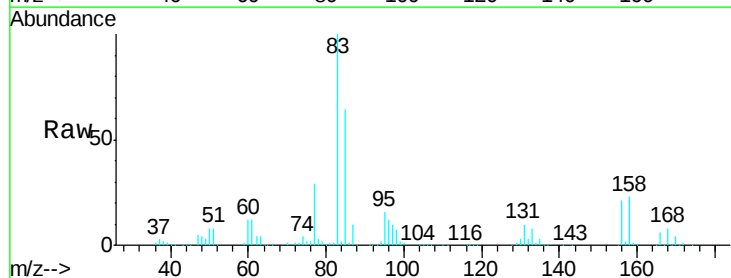
Tgt Ion: 83 Resp: 166616

Ion Ratio Lower Upper

83 100

131 9.6 5.2 15.6

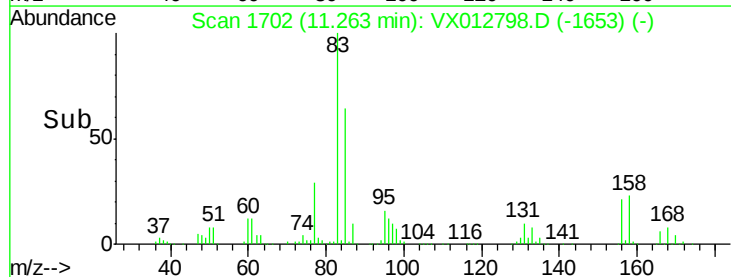
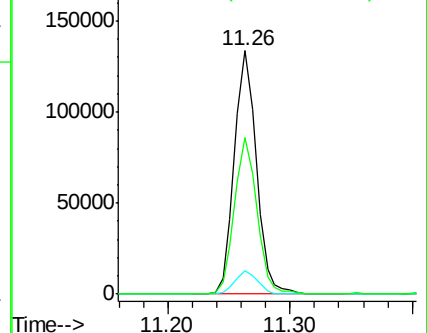
85 65.4 32.0 96.0

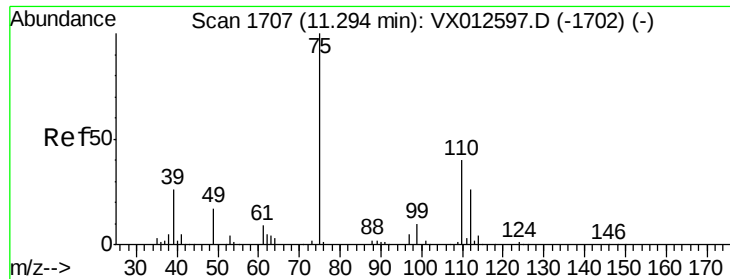


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

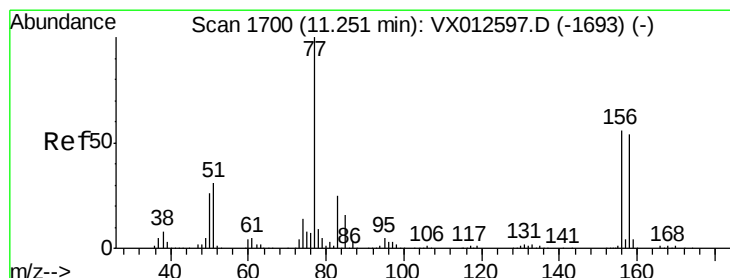
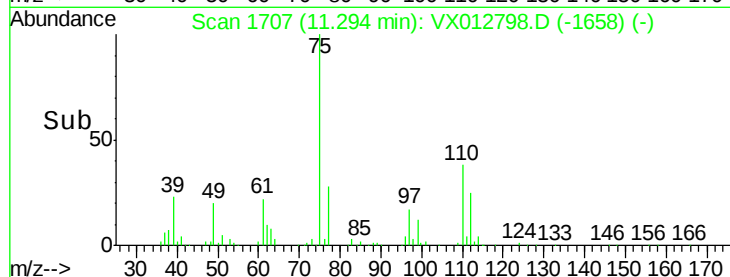
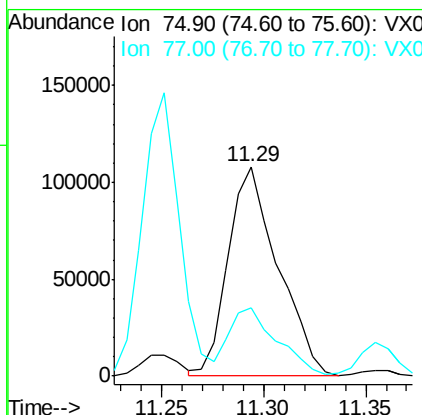
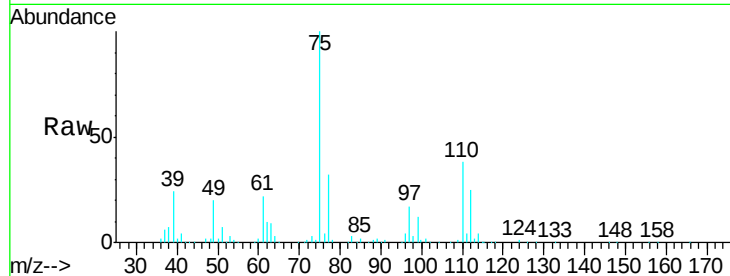




#76
1,2,3-Trichloropropane
Concen: 58.632 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

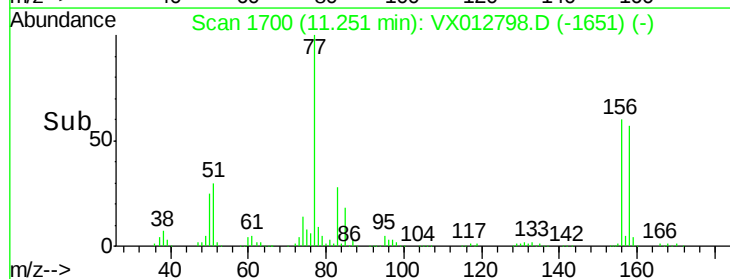
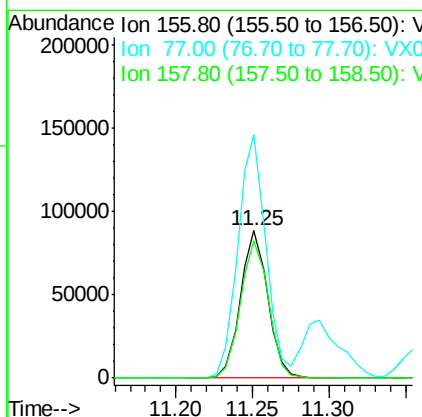
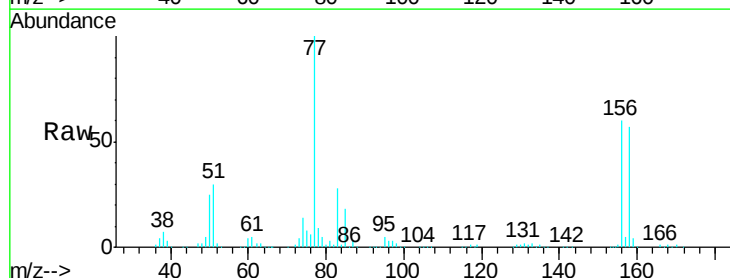
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MS

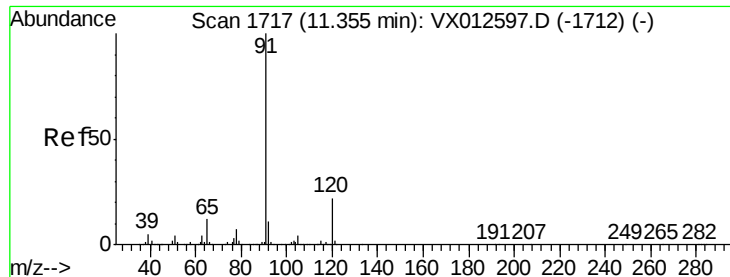
Tgt Ion: 75 Resp: 183430
Ion Ratio Lower Upper
75 100
77 31.3 19.7 59.0



#77
Bromobenzene
Concen: 50.083 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion: 156 Resp: 109188
Ion Ratio Lower Upper
156 100
77 169.9 87.3 261.8
158 96.0 48.5 145.6





#78

n-propylbenzene

Concen: 47.944 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

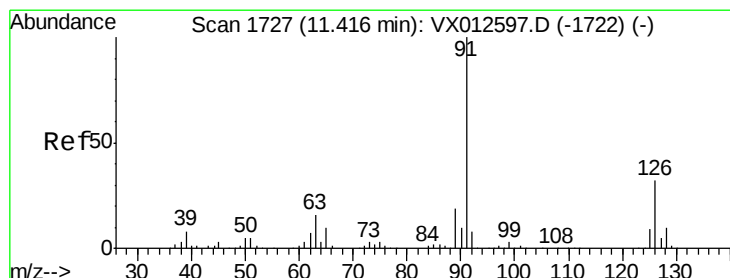
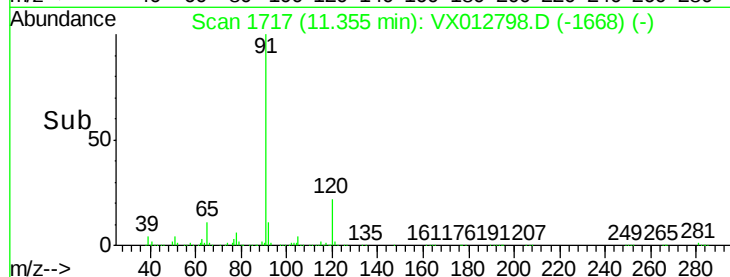
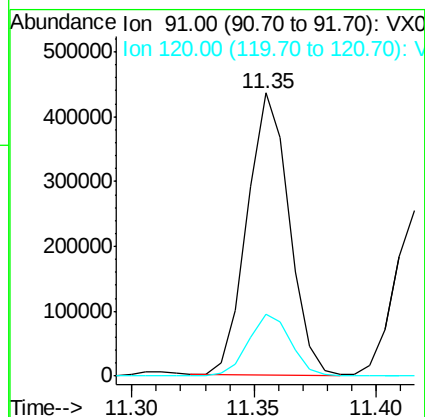
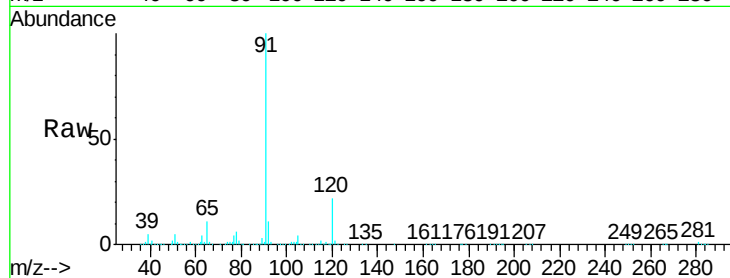
S49-0539MS

Tgt Ion: 91 Resp: 519934

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.8



#79

2-Chlorotoluene

Concen: 47.352 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012798.D

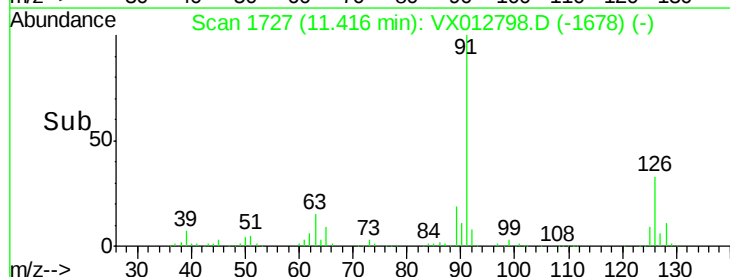
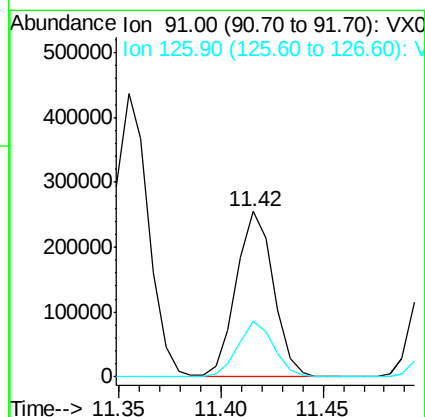
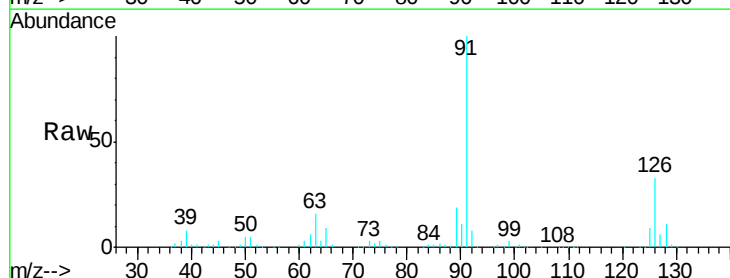
Acq: 03 Oct 2019 20:53

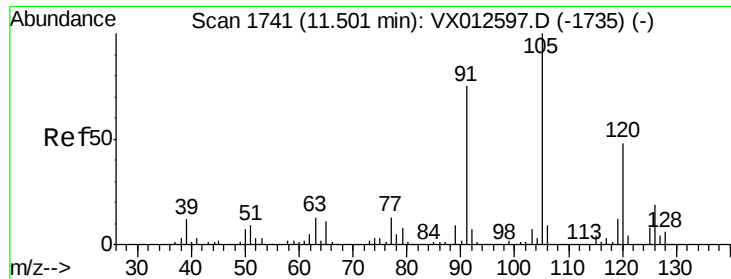
Tgt Ion: 91 Resp: 320344

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4

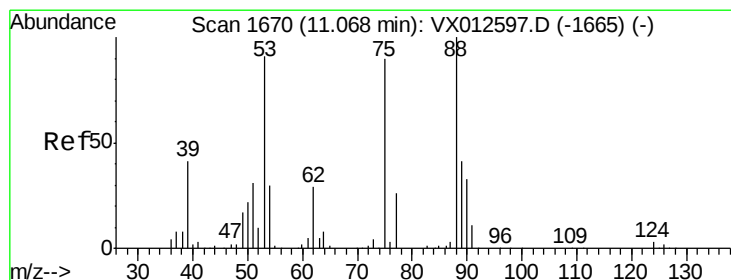
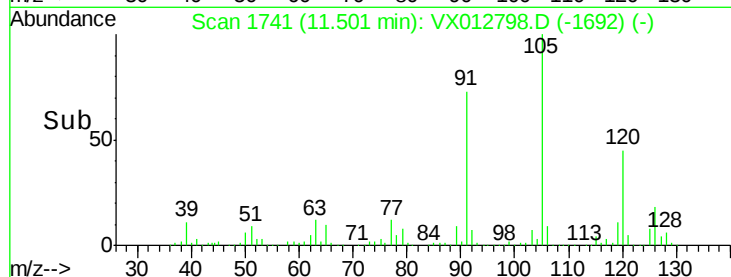
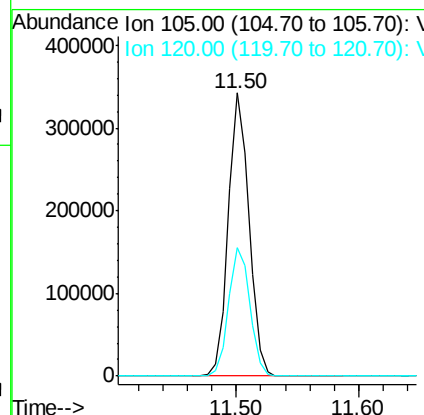
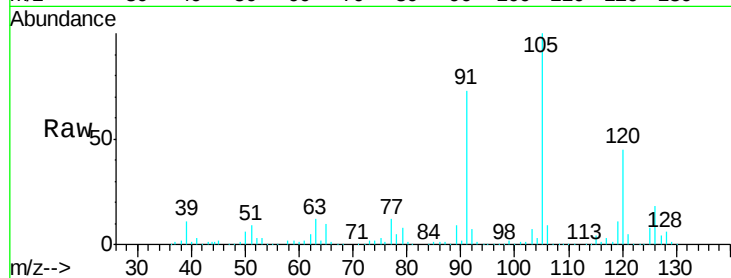




#80
 1,3,5-Trimethylbenzene
 Concen: 49.641 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

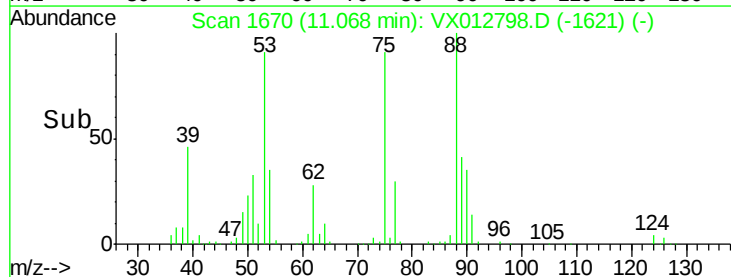
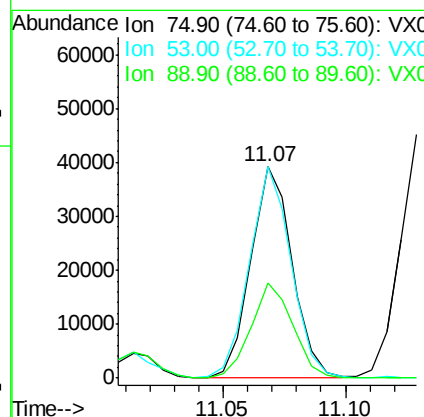
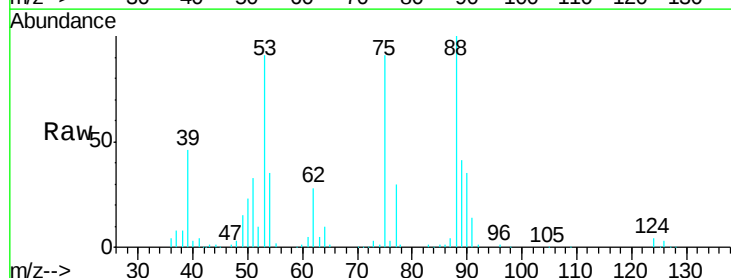
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0539MS

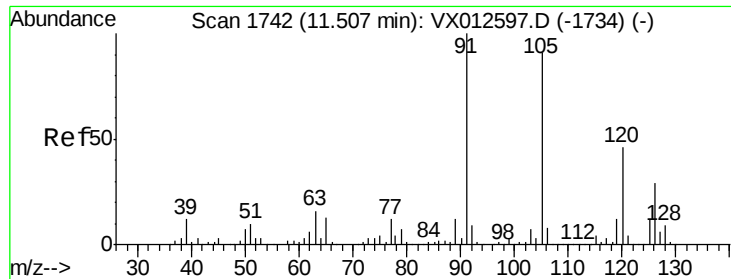
Tgt Ion: 105 Resp: 400987
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.201 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion: 75 Resp: 46070
 Ion Ratio Lower Upper
 75 100
 53 100.9 83.6 125.4
 89 45.7 36.3 54.5





#82

4-Chlorotoluene

Concen: 48.187 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

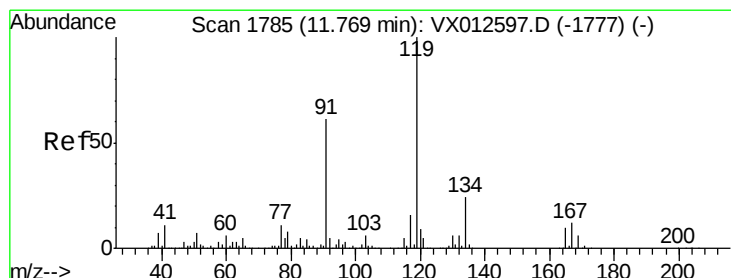
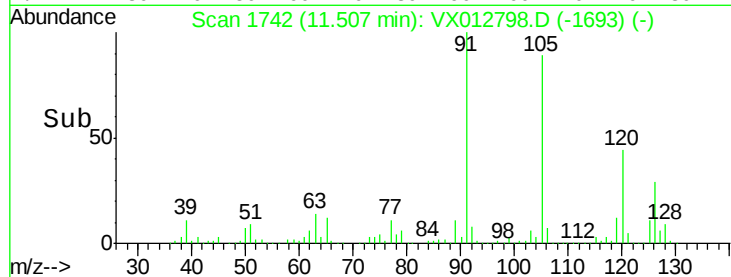
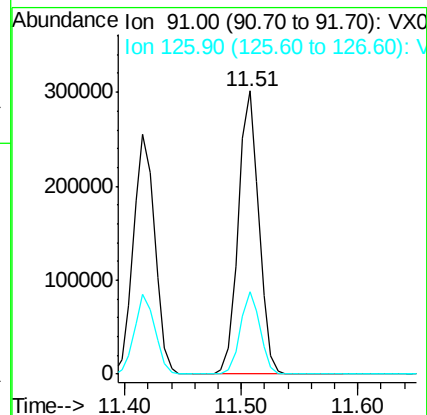
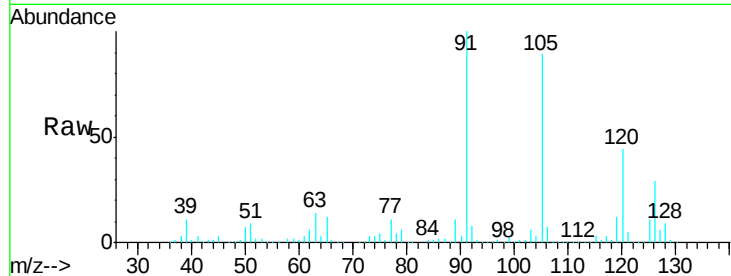
S49-0539MS

Tgt Ion: 91 Resp: 371615

Ion Ratio Lower Upper

91 100

126 28.1 14.4 43.0



#83

tert-Butylbenzene

Concen: 49.436 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

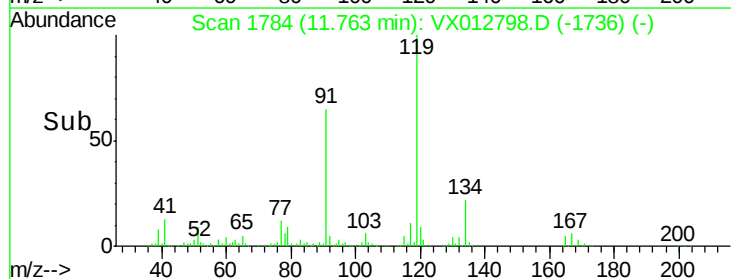
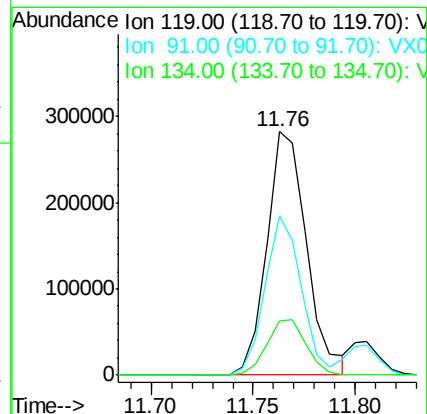
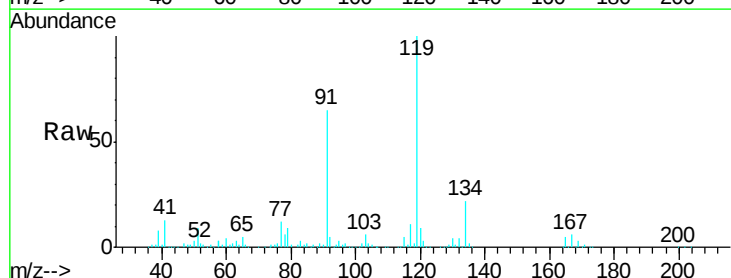
Tgt Ion: 119 Resp: 385209

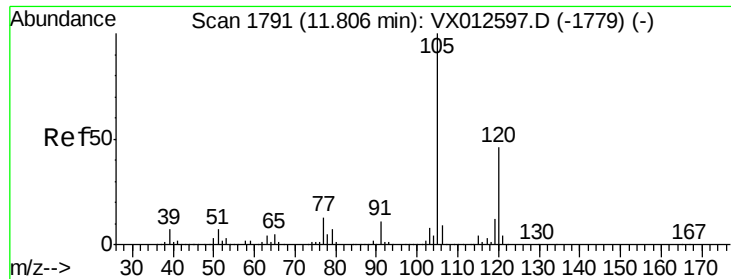
Ion Ratio Lower Upper

119 100

91 59.6 30.0 90.0

134 22.5 11.3 33.9





#84

1,2,4-Trimethylbenzene

Concen: 49.446 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

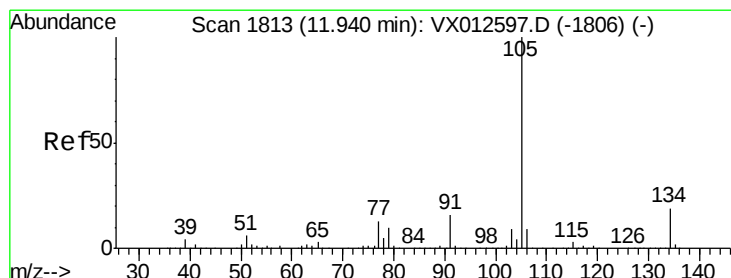
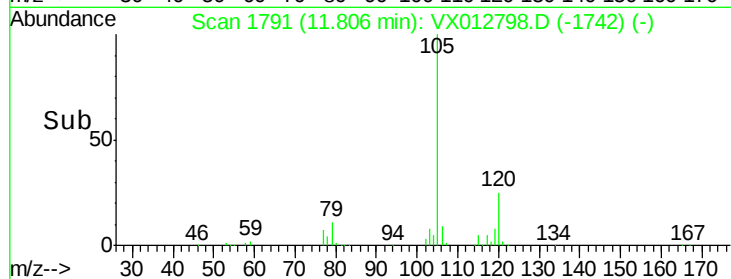
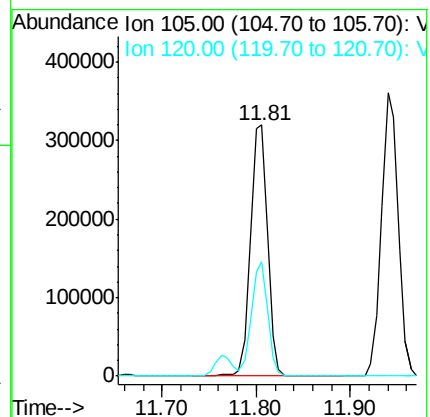
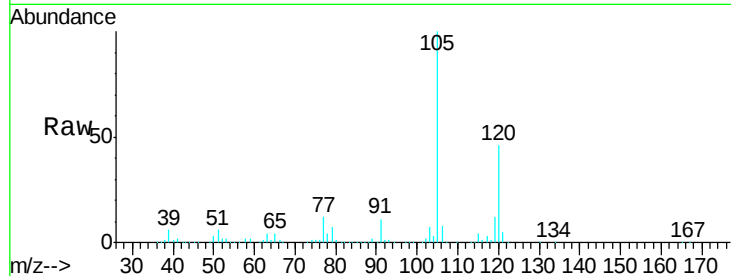
S49-0539MS

Tgt Ion:105 Resp: 402918

Ion Ratio Lower Upper

105 100

120 43.3 22.2 66.6



#85

sec-Butylbenzene

Concen: 49.045 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012798.D

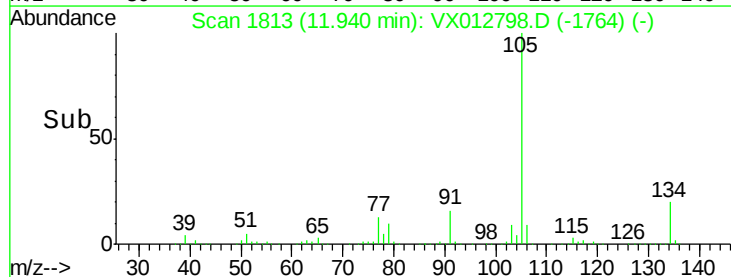
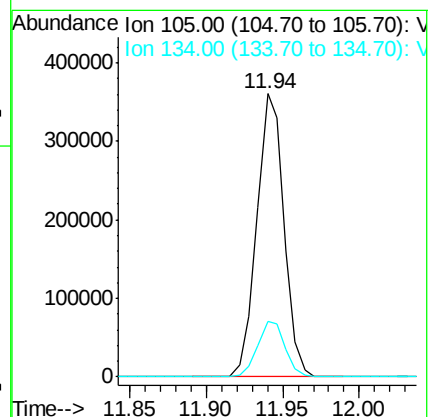
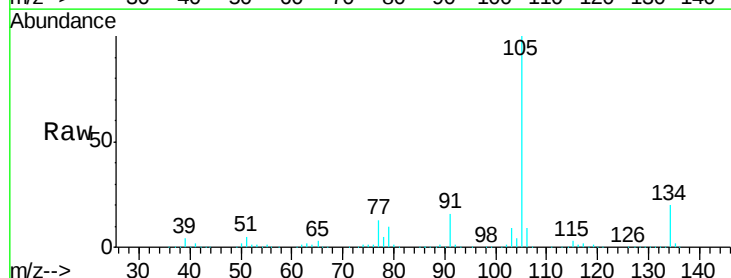
Acq: 03 Oct 2019 20:53

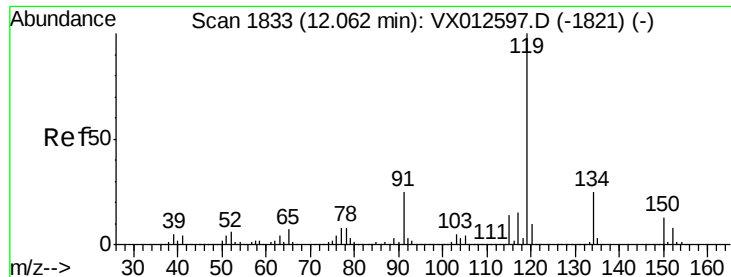
Tgt Ion:105 Resp: 444495

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4

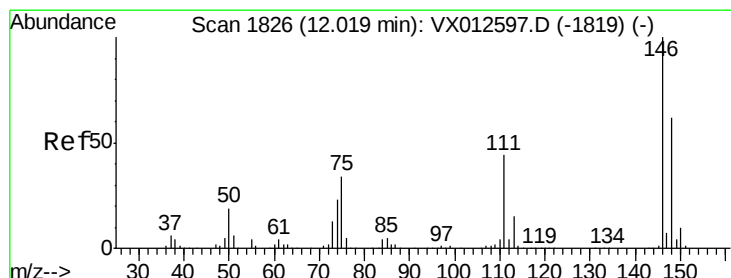
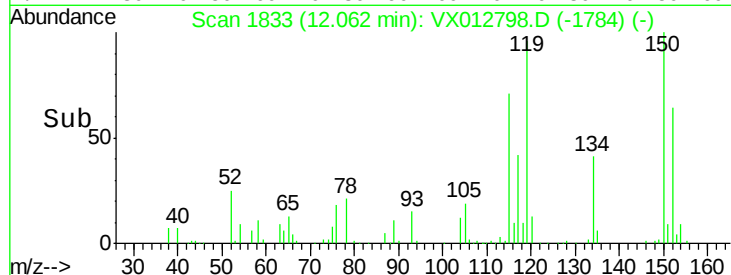
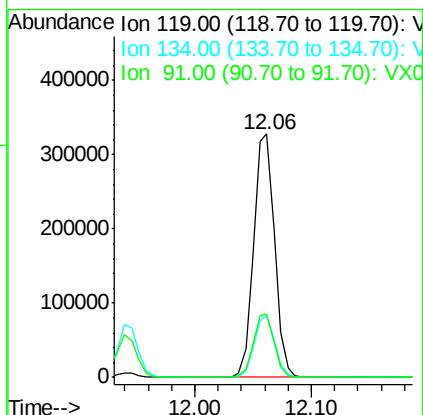
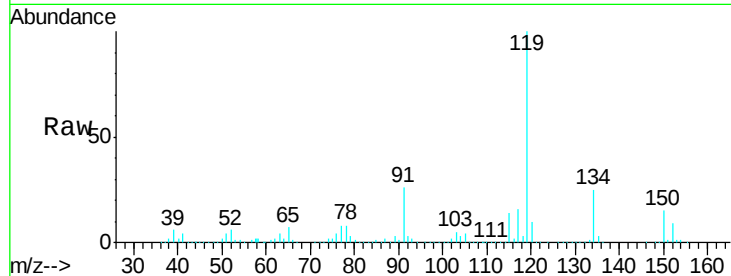




#86
p-Isopropyltoluene
Concen: 50.204 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

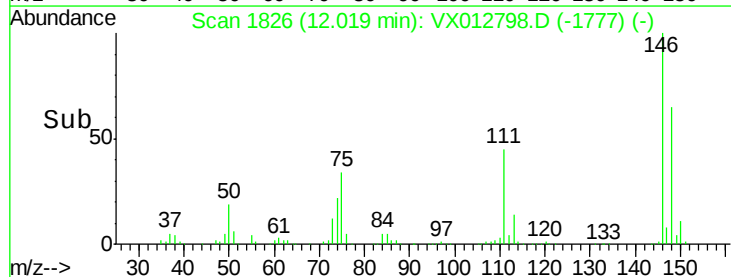
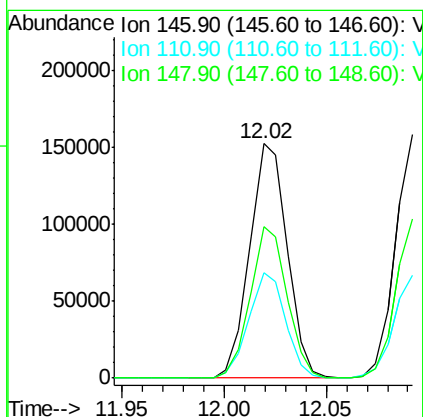
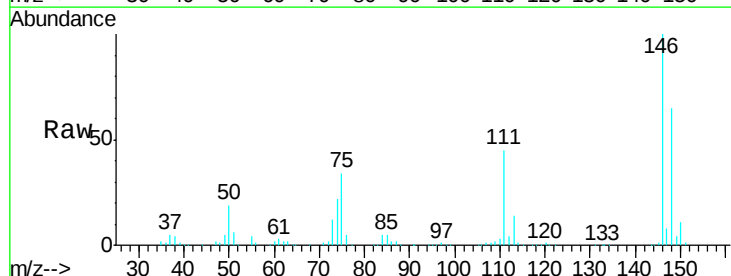
Instrument :
MSVOA_X
ClientSampled :
S49-0539MS

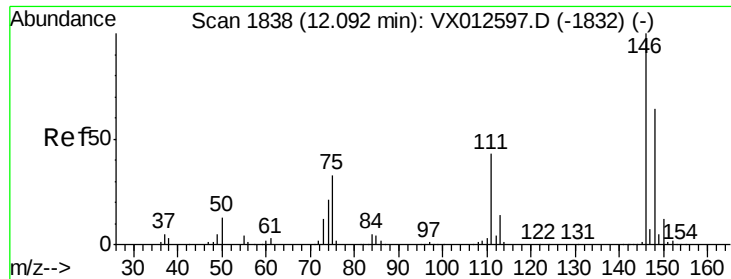
Tgt Ion:119 Resp: 410556
Ion Ratio Lower Upper
119 100
134 25.2 12.7 38.1
91 25.7 12.8 38.4



#87
1,3-Dichlorobenzene
Concen: 49.904 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion:146 Resp: 195793
Ion Ratio Lower Upper
146 100
111 44.1 21.3 64.0
148 63.5 32.4 97.2

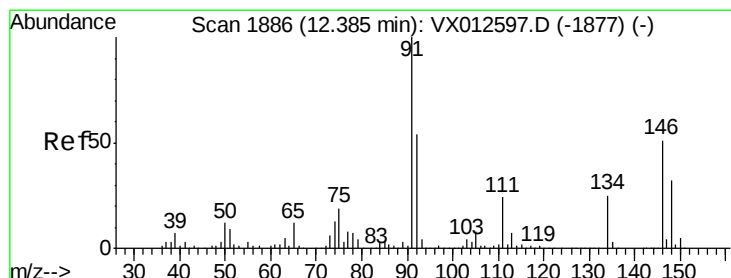
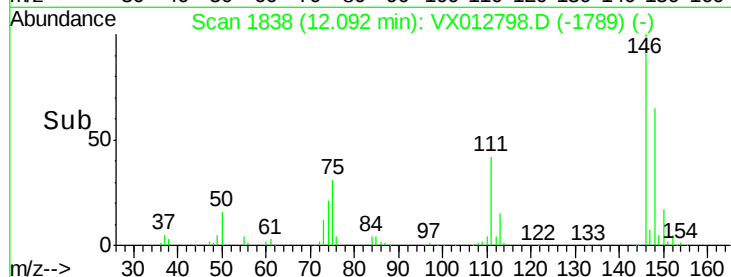
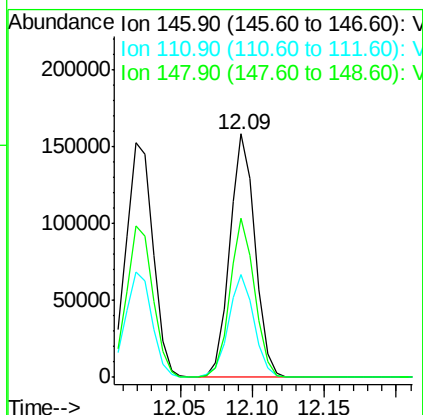
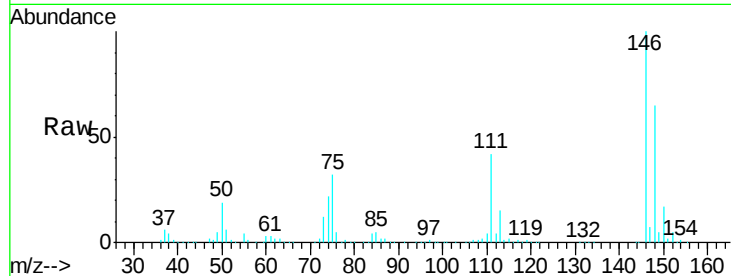




#88
 1,4-Dichlorobenzene
 Concen: 49.294 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

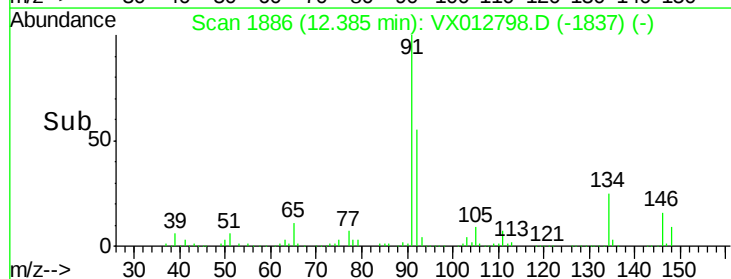
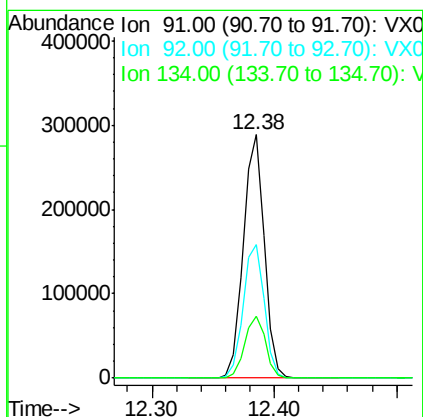
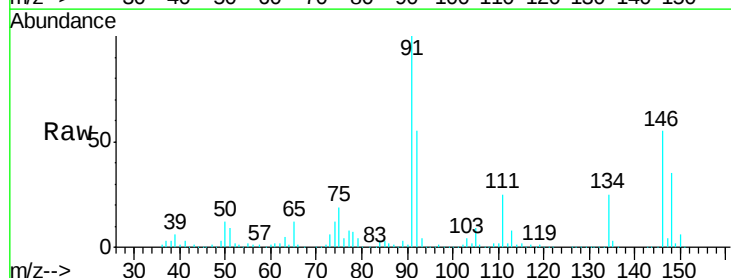
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0539MS

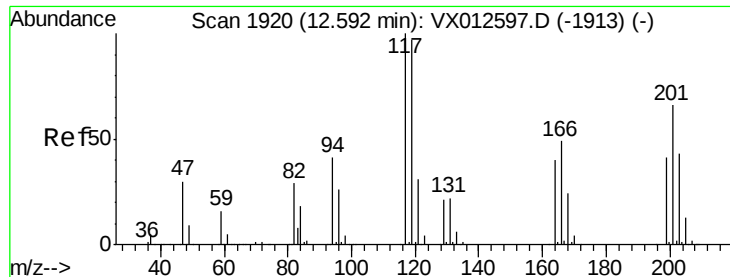
Tgt Ion: 146 Resp: 195429
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.1 63.3
 148 63.8 32.1 96.5



#89
 n-Butylbenzene
 Concen: 47.234 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Tgt Ion: 91 Resp: 340377
 Ion Ratio Lower Upper
 91 100
 92 55.2 27.7 83.0
 134 25.3 12.9 38.6

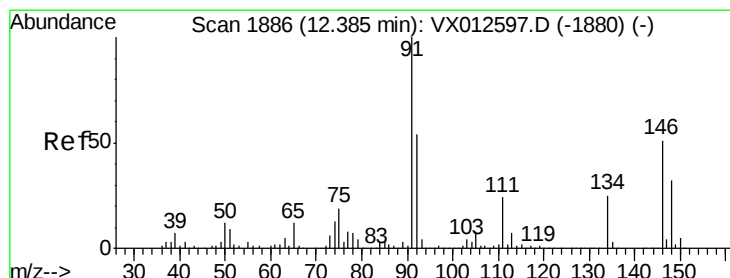
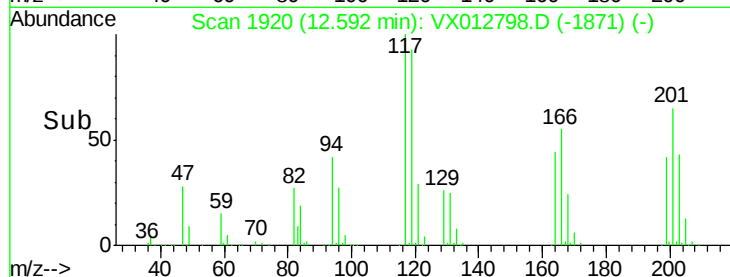
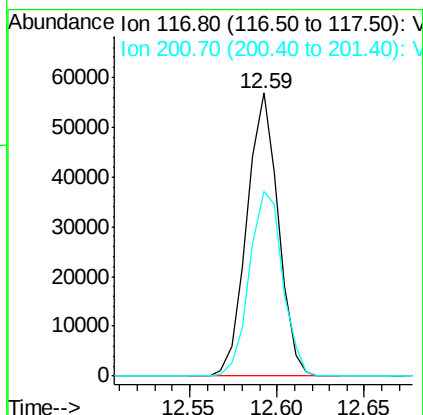
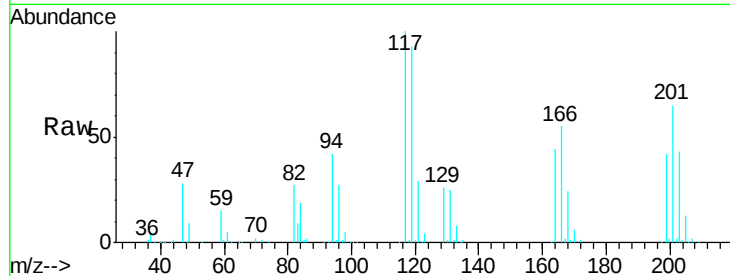




#90
Hexachloroethane
Concen: 48.807 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

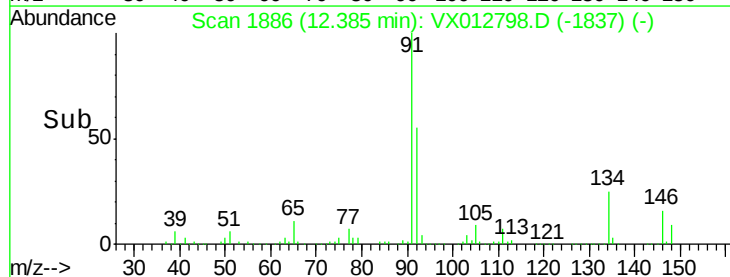
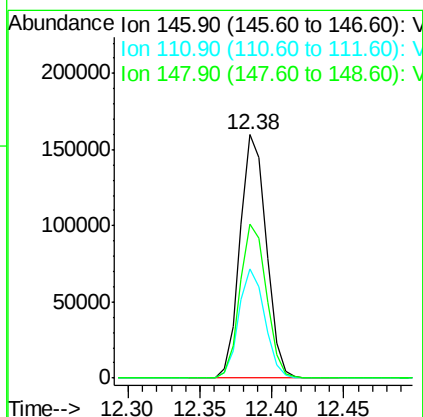
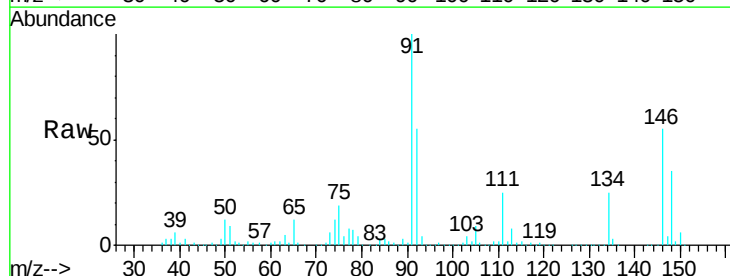
Instrument :
MSVOA_X
ClientSampled :
S49-0539MS

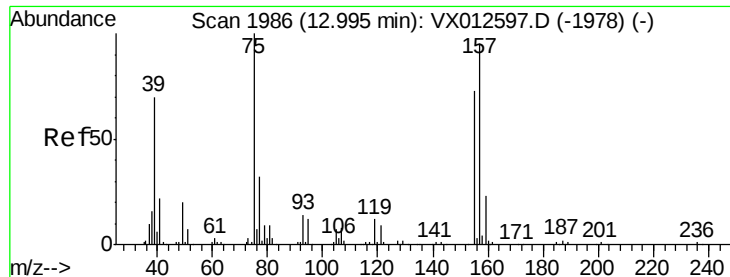
Tgt Ion:117 Resp: 71158
Ion Ratio Lower Upper
117 100
201 68.9 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 51.693 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012798.D
Acq: 03 Oct 2019 20:53

Tgt Ion:146 Resp: 203044
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.1
148 63.7 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.132 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

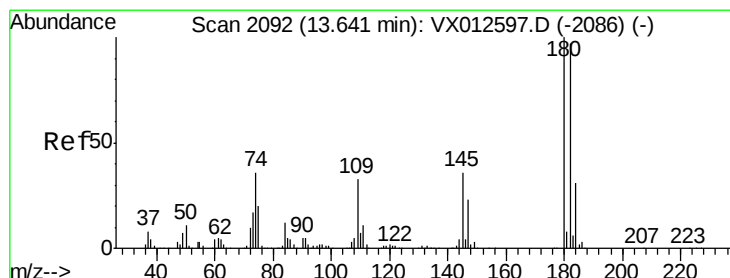
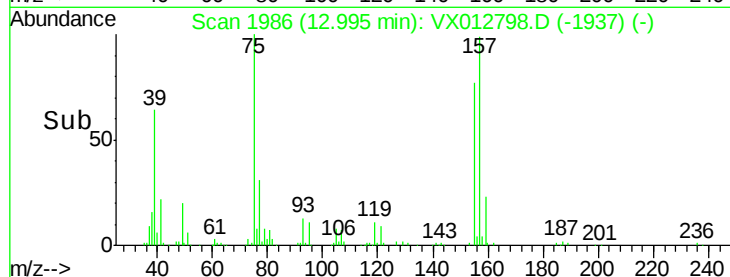
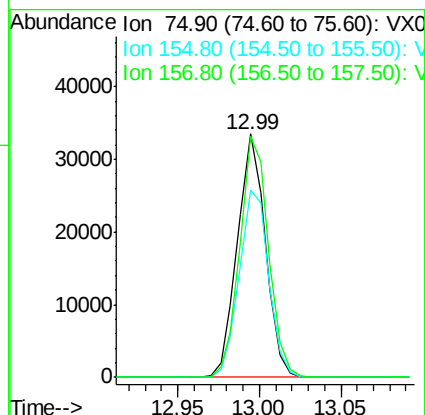
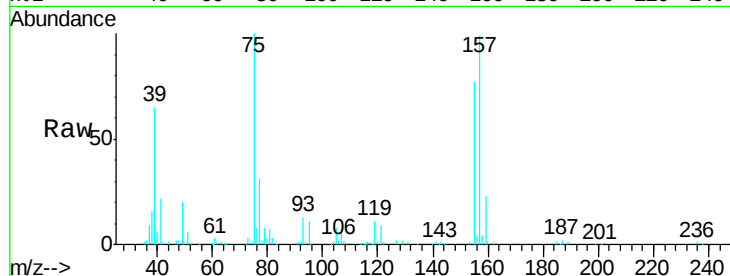
Tgt Ion: 75 Resp: 40006

Ion Ratio Lower Upper

75 100

155 81.3 38.6 115.8

157 101.5 50.6 151.9



#93

1,2,4-Trichlorobenzene

Concen: 50.603 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

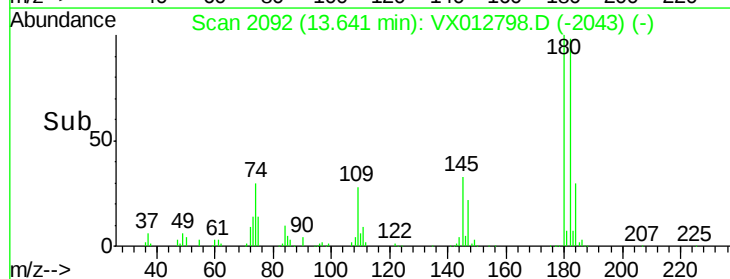
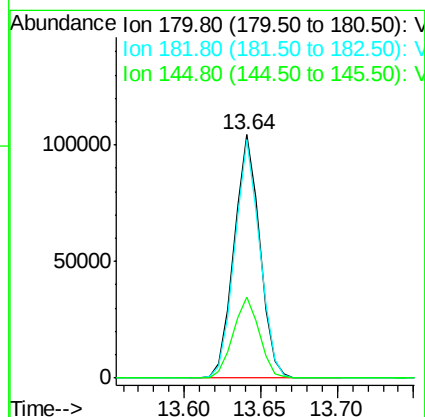
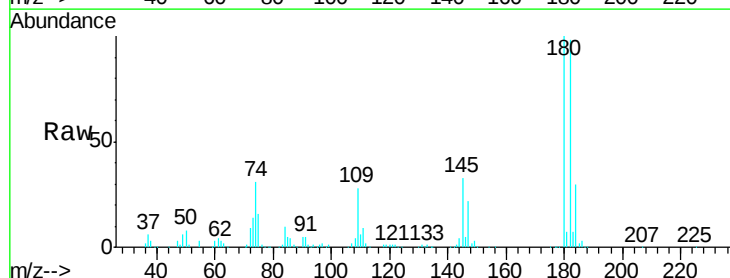
Tgt Ion: 180 Resp: 121215

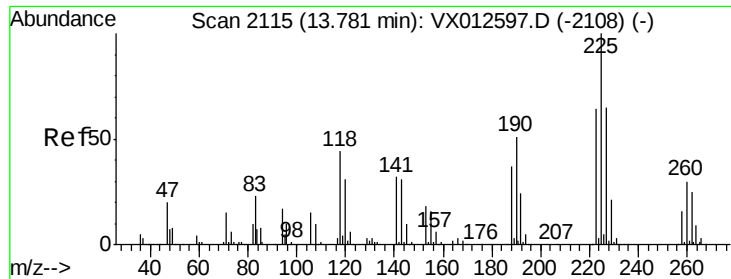
Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.0

145 34.0 16.8 50.4





#94

Hexachlorobutadiene

Concen: 51.707 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MS

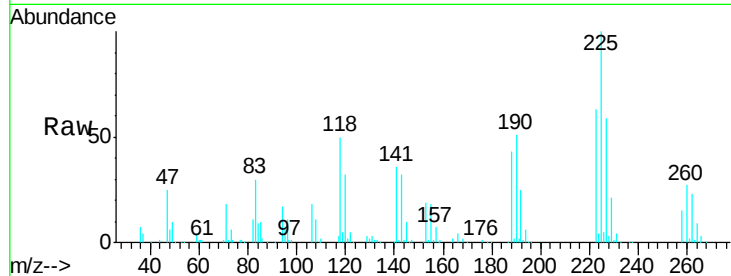
Tgt Ion:225 Resp: 53285

Ion Ratio Lower Upper

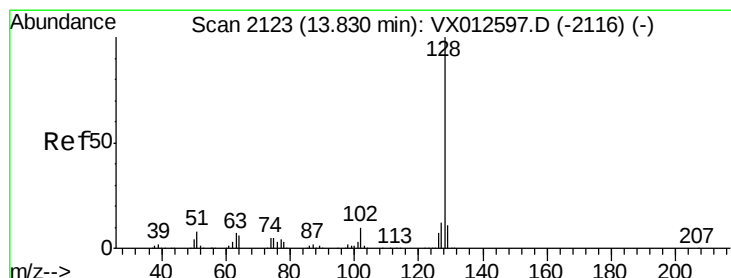
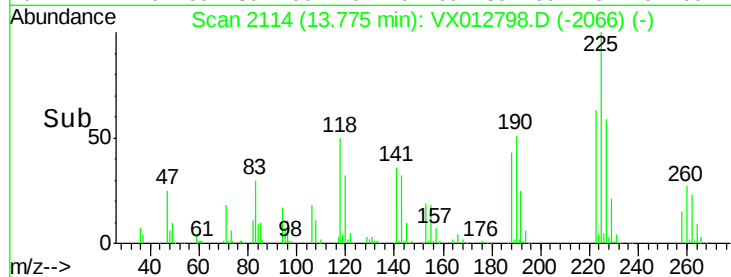
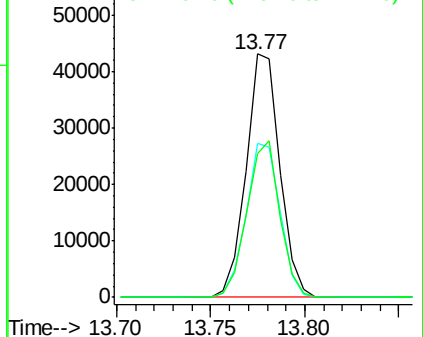
225 100

223 64.1 32.0 96.2

227 63.0 31.9 95.5



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



#95

Naphthalene

Concen: 51.308 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012798.D

Acq: 03 Oct 2019 20:53

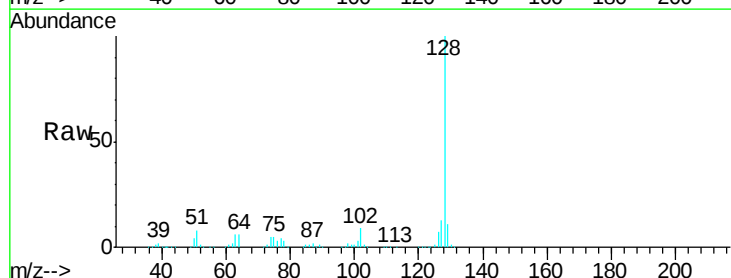
Tgt Ion:128 Resp: 444673

Ion Ratio Lower Upper

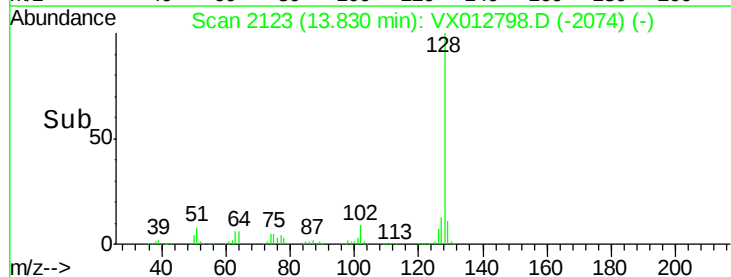
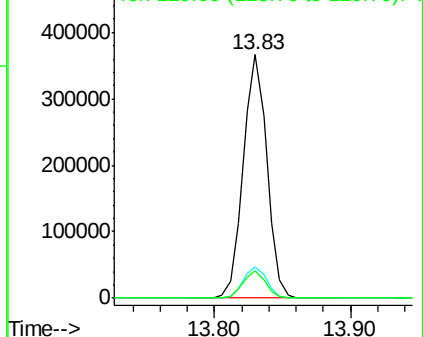
128 100

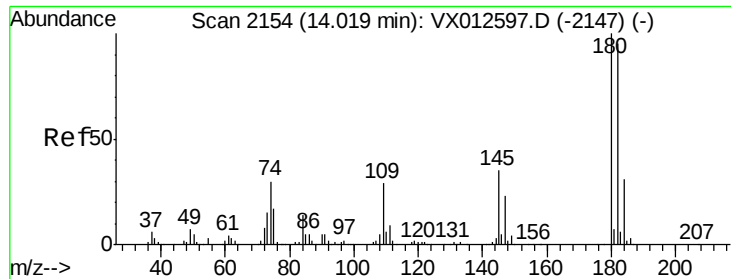
127 12.9 10.2 15.4

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.321 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012798.D
 Acq: 03 Oct 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.1	141.3
145	35.7	18.0	54.0

