

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011398.D
 Acq On : 09 Aug 2019 09:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 23:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127829	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99411	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
35) Dibromofluoromethane	5.49	113	87676	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
50) Toluene-d8	8.71	98	326610	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
62) 4-Bromofluorobenzene	11.13	95	124693	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	61294	46.116	ug/l	98
3) Chloromethane	1.32	50	63928	42.831	ug/l	99
4) Vinyl Chloride	1.40	62	70803	43.125	ug/l	100
5) Bromomethane	1.63	94	49550	42.317	ug/l	99
6) Chloroethane	1.70	64	47646	46.702	ug/l	98
7) Trichlorofluoromethane	1.92	101	134198	45.970	ug/l	96
8) Diethyl Ether	2.18	74	46179	44.301	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76028	48.133	ug/l	98
10) Methyl Iodide	2.50	142	92070	46.234	ug/l	98
11) Tert butyl alcohol	3.04	59	79423	229.824	ug/l	98
12) 1,1-Dichloroethene	2.36	96	72975	46.607	ug/l	91
13) Acrolein	2.28	56	69472	323.601	ug/l	98
14) Allyl chloride	2.71	41	108888	52.165	ug/l	97
15) Acrylonitrile	3.13	53	200225	242.790	ug/l	99
16) Acetone	2.43	43	240033	290.984	ug/l	97
17) Carbon Disulfide	2.56	76	167923	45.702	ug/l	99
18) Methyl Acetate	2.76	43	92589	49.115	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	236826	51.325	ug/l	97
20) Methylene Chloride	2.84	84	83138	46.020	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	78367	47.315	ug/l	93
22) Diisopropyl ether	3.84	45	232989	50.786	ug/l	96
23) Vinyl Acetate	3.80	43	1007046	264.660	ug/l	99
24) 1,1-Dichloroethane	3.68	63	133580	49.379	ug/l	97
25) 2-Butanone	4.66	43	307674	262.202	ug/l	99
26) 2,2-Dichloropropane	4.57	77	113855	54.142	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	91019	47.710	ug/l	97
28) Bromochloromethane	5.00	49	60302	48.897	ug/l	97
29) Tetrahydrofuran	5.12	42	172873	240.274	ug/l	98
30) Chloroform	5.20	83	150684	51.250	ug/l	100
31) Cyclohexane	5.57	56	109392	49.015	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131153	52.072	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106061	49.428	ug/l	99
37) Ethyl Acetate	4.82	43	105381	48.961	ug/l	99
38) Carbon Tetrachloride	5.77	117	118670	54.971	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121520	47.778	ug/l	99
40) Benzene	6.13	78	317109	49.524	ug/l	96
41) Methacrylonitrile	5.02	41	57997	49.340	ug/l	96
42) 1,2-Dichloroethane	6.18	62	116196	53.665	ug/l	98
43) Isopropyl Acetate	6.43	43	174137	50.605	ug/l	99
44) Trichloroethene	7.20	130	93736	48.364	ug/l	99
45) 1,2-Dichloropropane	7.51	63	81630	49.225	ug/l	97
46) Dibromomethane	7.65	93	60425	49.914	ug/l	96
47) Bromodichloromethane	7.89	83	113413	55.334	ug/l	98
48) Methyl methacrylate	7.76	41	85874	53.027	ug/l	98
49) 1,4-Dioxane	7.73	88	42332	901.661	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	580227	261.273	ug/l	99
52) Toluene	8.78	92	214454	50.656	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	121879	51.000	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	133788	55.880	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	89861	51.625	ug/l	98
56) Ethyl methacrylate	9.17	69	133797	53.939	ug/l	98
57) 1,3-Dichloropropane	9.37	76	141703	51.476	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	379519	311.171	ug/l	99
59) 2-Hexanone	9.49	43	463748	269.601	ug/l	98
60) Dibromochloromethane	9.58	129	99471	55.817	ug/l	98
61) 1,2-Dibromoethane	9.66	107	95930	51.011	ug/l	99
64) Tetrachloroethene	9.33	164	99101	49.990	ug/l	94
65) Chlorobenzene	10.13	112	242734	48.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92261	53.843	ug/l	99
67) Ethyl Benzene	10.25	91	423894	50.570	ug/l	99
68) m/p-Xylenes	10.35	106	331924	102.373	ug/l	97
69) o-Xylene	10.69	106	159550	50.084	ug/l	98
70) Styrene	10.71	104	279854	53.092	ug/l	99
71) Bromoform	10.85	173	74770	48.870	ug/l #	99
73) Isopropylbenzene	11.01	105	441703	50.523	ug/l	99
74) N-amyl acetate	10.90	43	163006	51.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137766	47.286	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	152624	65.562	ug/l	84
77) Bromobenzene	11.25	156	118871	49.034	ug/l	97
78) n-propylbenzene	11.36	91	499074	51.333	ug/l	99
79) 2-Chlorotoluene	11.41	91	295095	50.924	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	376942	51.506	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	41607	47.932	ug/l	97
82) 4-Chlorotoluene	11.51	91	349578	51.763	ug/l	98
83) tert-Butylbenzene	11.77	119	367657	51.221	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	382023	52.429	ug/l	99
85) sec-Butylbenzene	11.94	105	449207	52.089	ug/l	100
86) p-Isopropyltoluene	12.06	119	416065	52.443	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	215518	50.314	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212696	48.154	ug/l	97
89) n-Butylbenzene	12.38	91	362364	53.015	ug/l	99
90) Hexachloroethane	12.59	117	65556	55.891	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	210351	48.874	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29895	52.962	ug/l	92

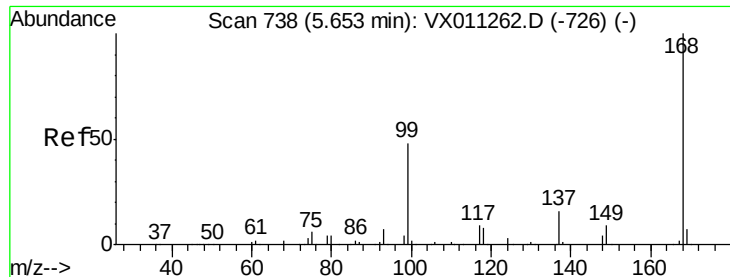
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145588	51.007	ug/l	99
94) Hexachlorobutadiene	13.78	225	74354	51.345	ug/l	100
95) Naphthalene	13.83	128	430365	51.559	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145509	50.145	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

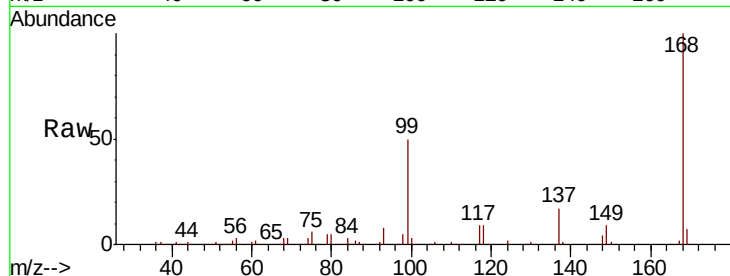
VSTDCCC050

Tgt Ion:168 Resp: 172092

Ion Ratio Lower Upper

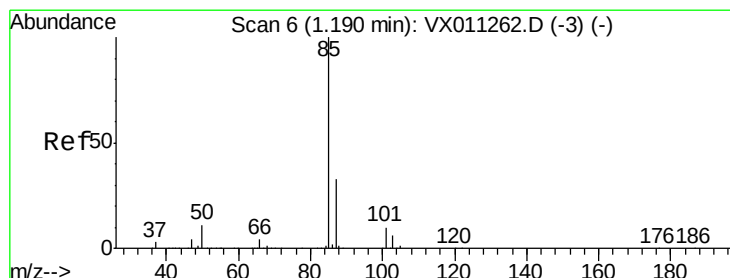
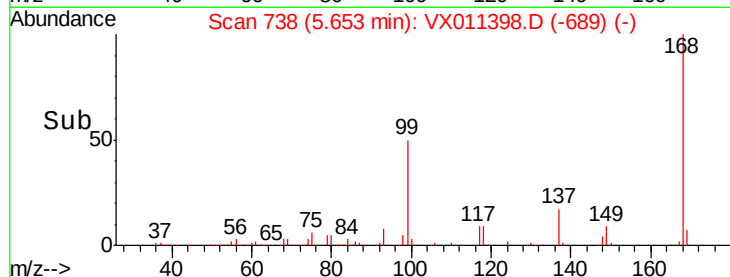
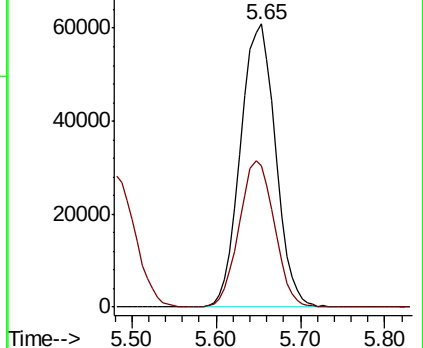
168 100

99 50.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.116 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011398.D

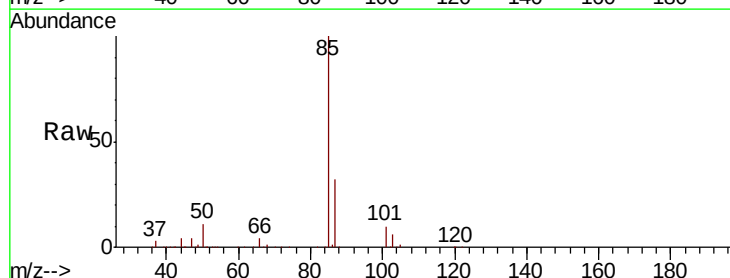
Acq: 09 Aug 2019 09:37

Tgt Ion: 85 Resp: 61294

Ion Ratio Lower Upper

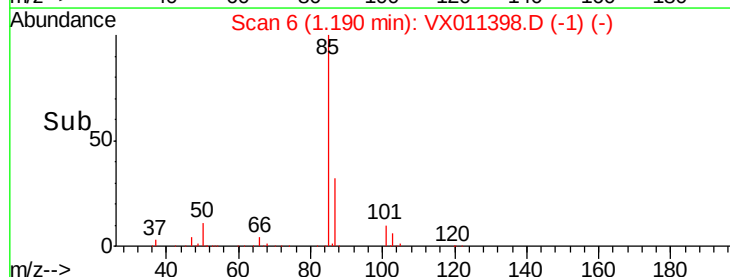
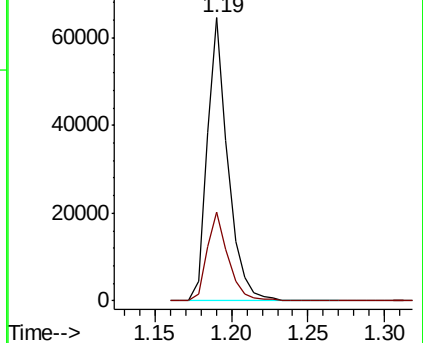
85 100

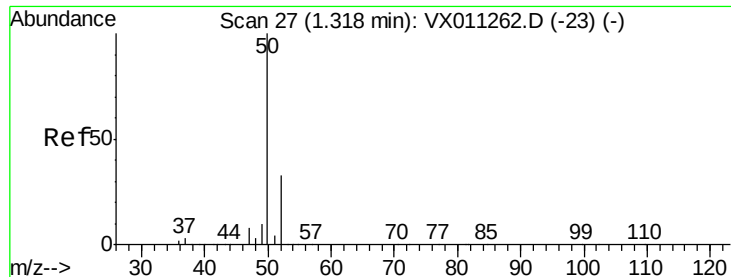
87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.831 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

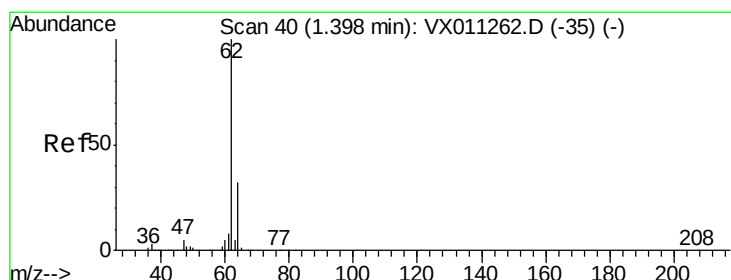
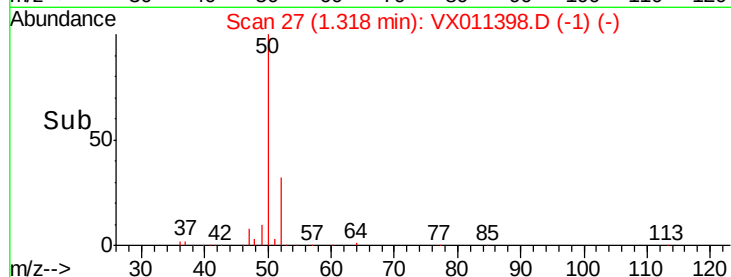
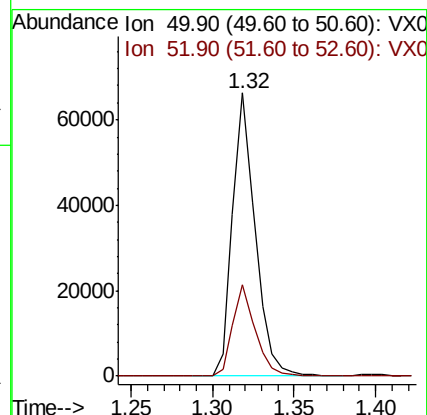
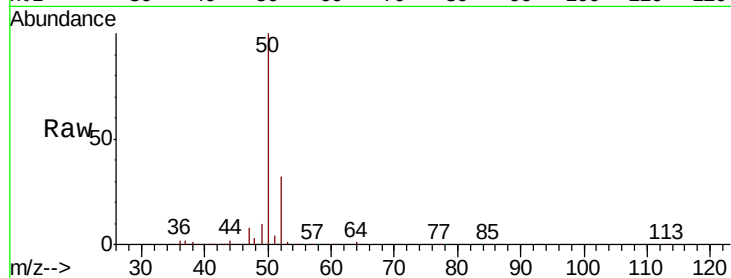
VSTDCCC050

Tgt Ion: 50 Resp: 63928

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



#4

Vinyl Chloride

Concen: 43.125 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011398.D

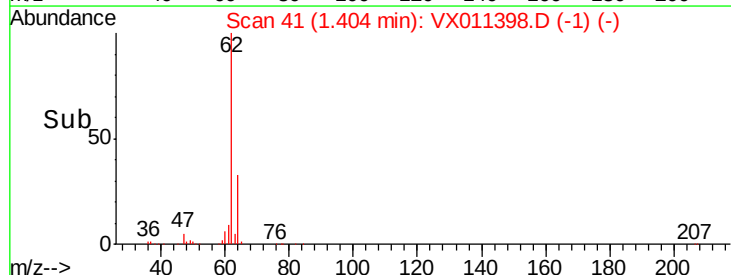
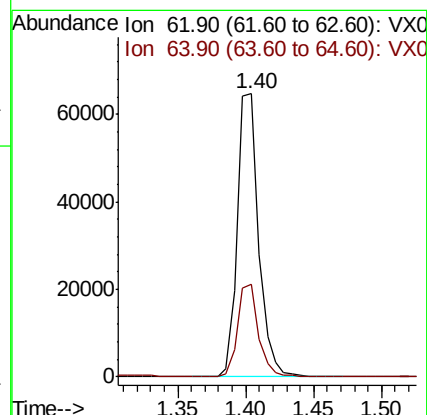
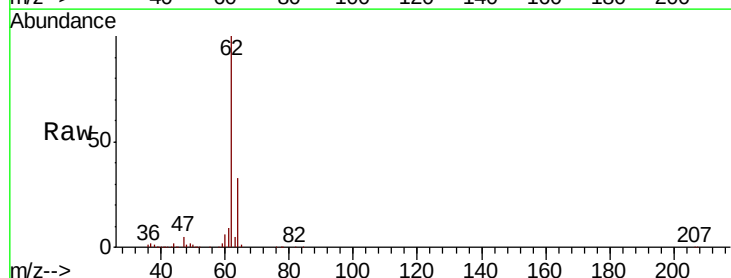
Acq: 09 Aug 2019 09:37

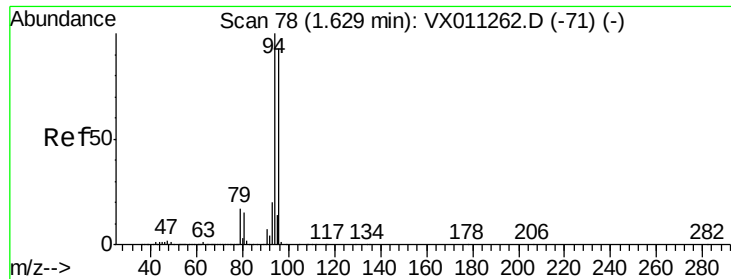
Tgt Ion: 62 Resp: 70803

Ion Ratio Lower Upper

62 100

64 32.8 26.0 39.0





#5

Bromomethane

Concen: 42.317 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

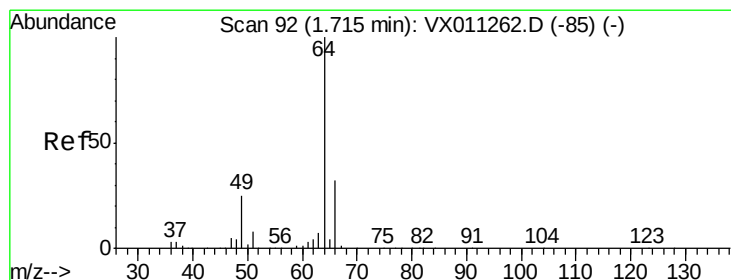
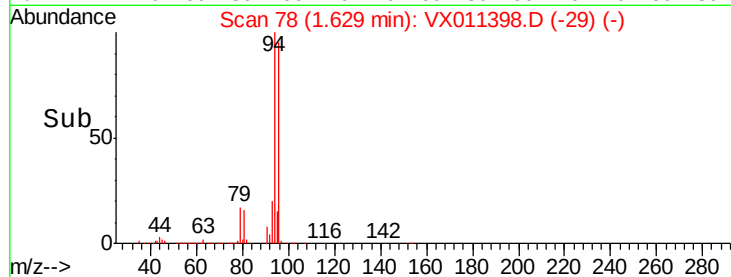
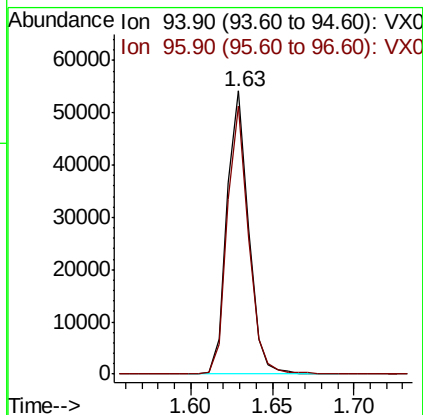
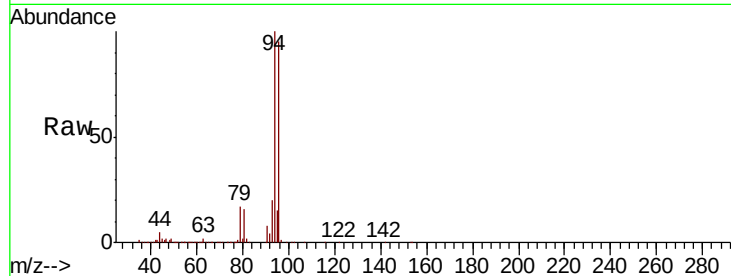
VSTDCCC050

Tgt Ion: 94 Resp: 49550

Ion Ratio Lower Upper

94 100

96 94.6 74.6 112.0



#6

Chloroethane

Concen: 46.702 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011398.D

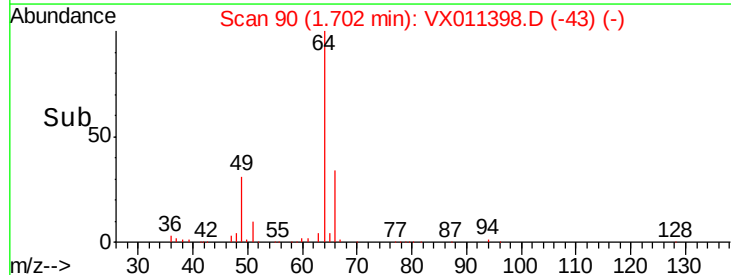
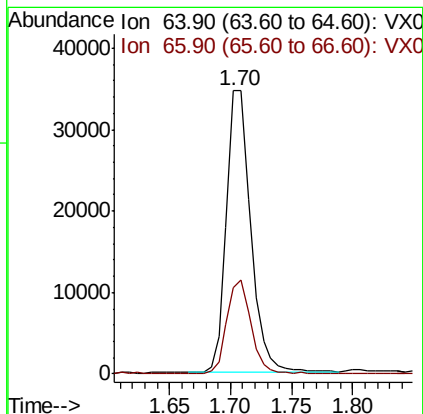
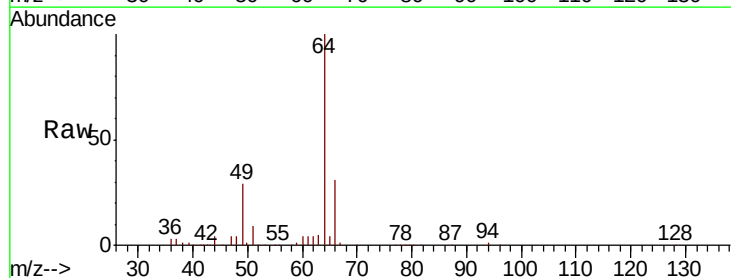
Acq: 09 Aug 2019 09:37

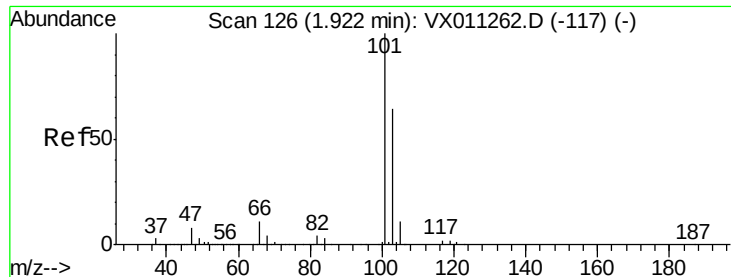
Tgt Ion: 64 Resp: 47646

Ion Ratio Lower Upper

64 100

66 30.6 25.1 37.7



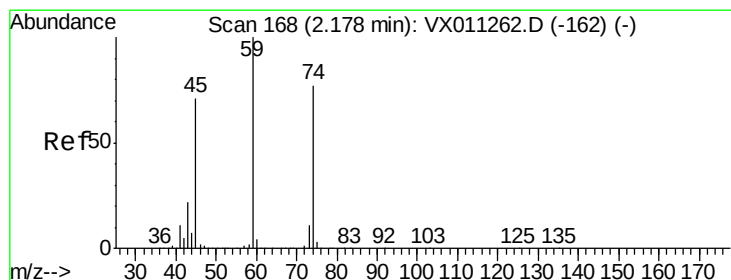
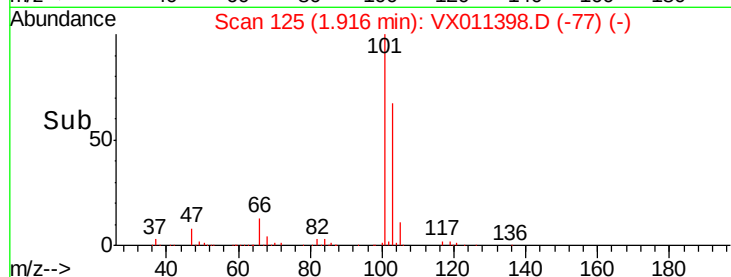
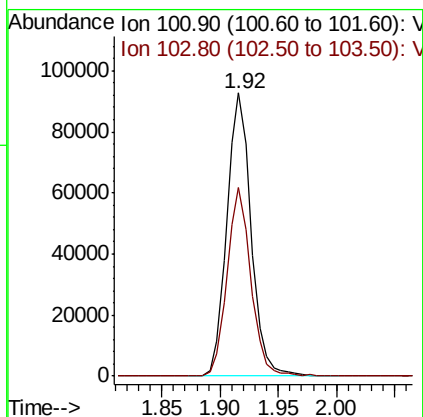
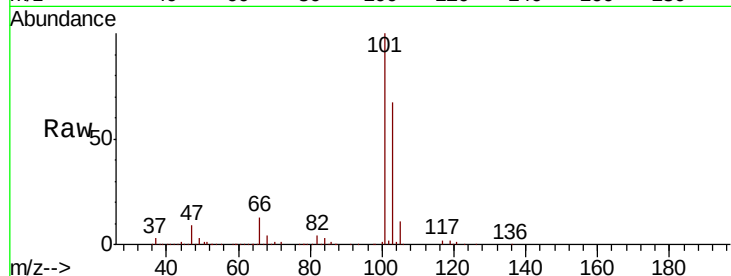


#7

Trichlorofluoromethane
Concen: 45.970 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

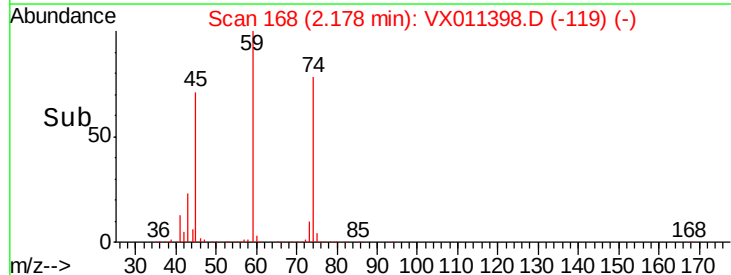
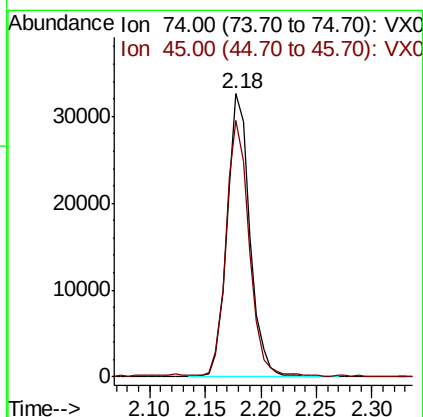
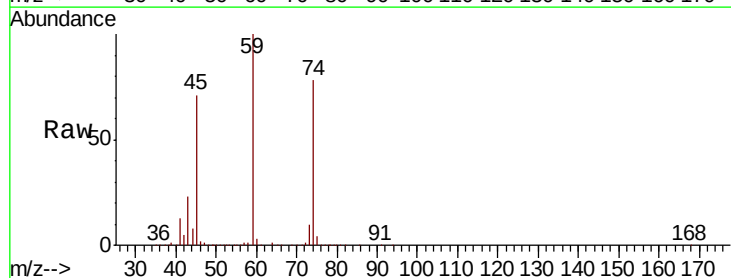
Tgt Ion:101 Resp: 134198
Ion Ratio Lower Upper
101 100
103 66.9 50.9 76.3

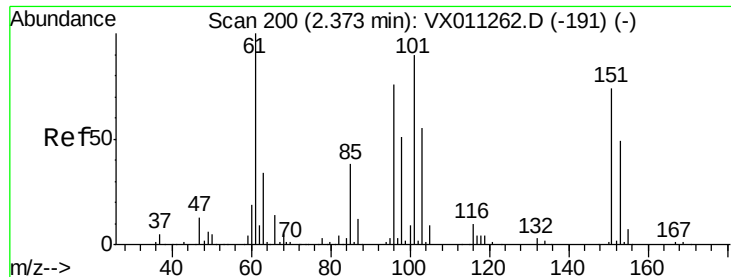


#8

Diethyl Ether
Concen: 44.301 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 74 Resp: 46179
Ion Ratio Lower Upper
74 100
45 91.5 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.133 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

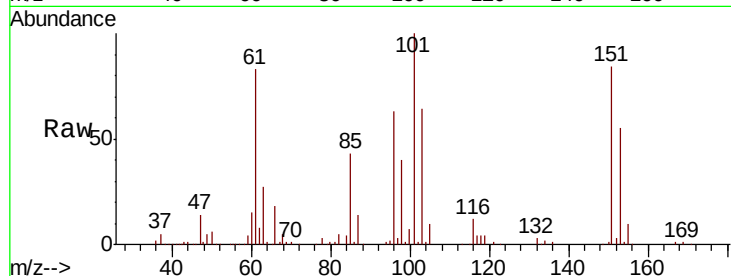
Tgt Ion:101 Resp: 76028

Ion Ratio Lower Upper

101 100

85 44.1 33.8 50.6

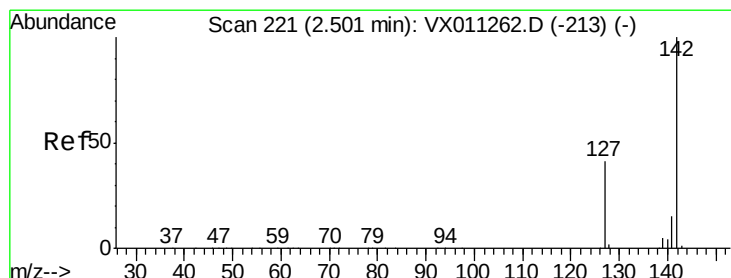
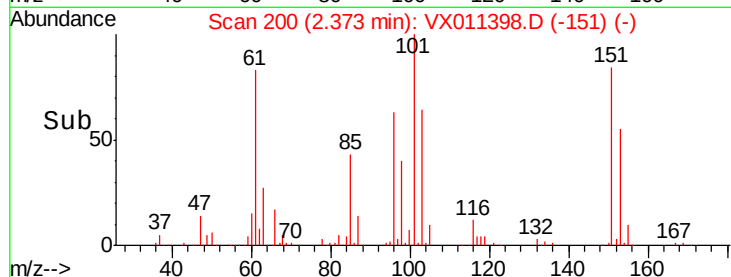
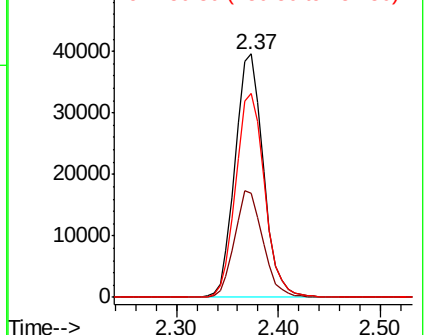
151 85.6 69.5 104.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.234 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

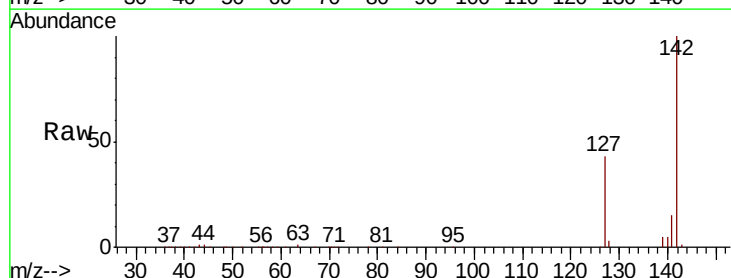
Tgt Ion:142 Resp: 92070

Ion Ratio Lower Upper

142 100

127 44.1 33.8 50.8

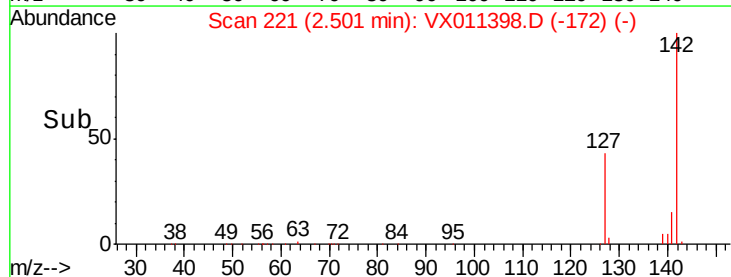
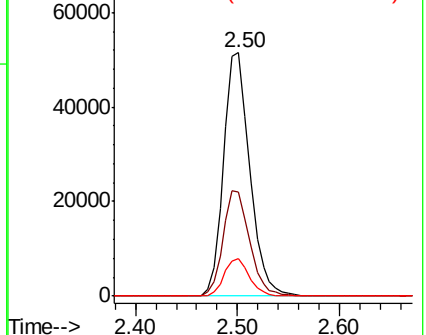
141 14.7 11.4 17.2

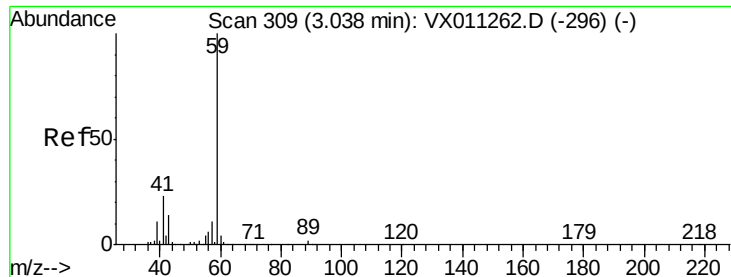


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

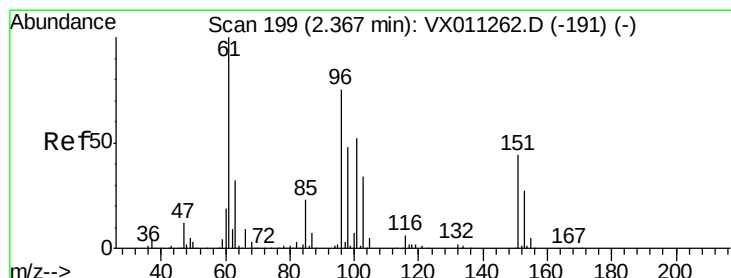
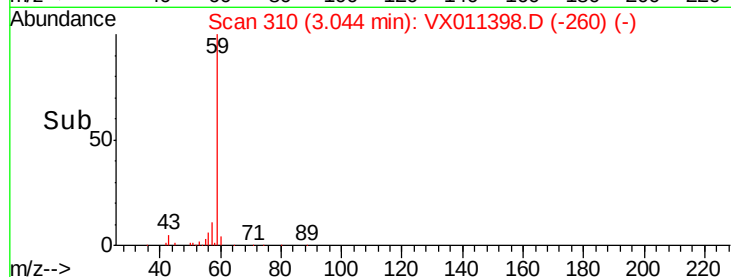
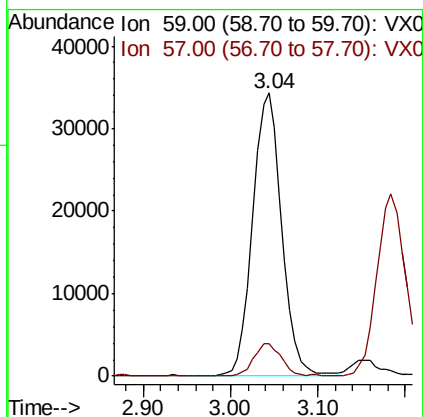
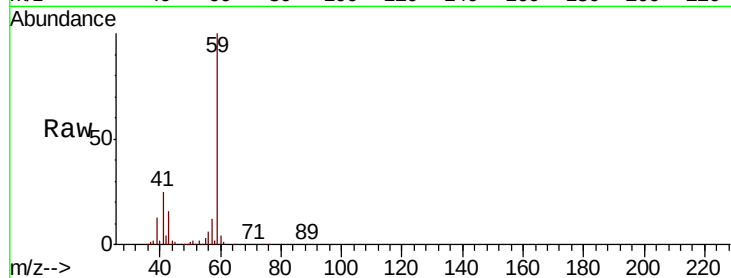




#11
Tert butyl alcohol
Concen: 229.824 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

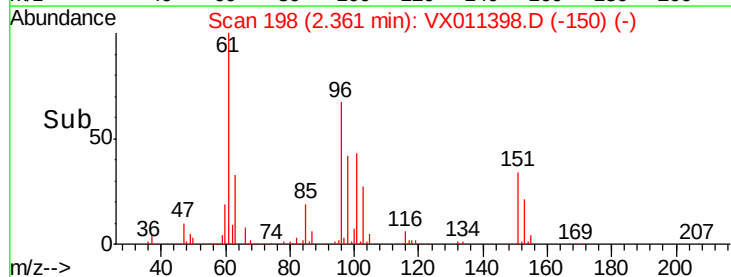
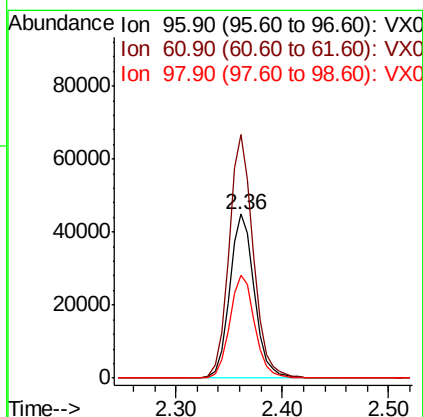
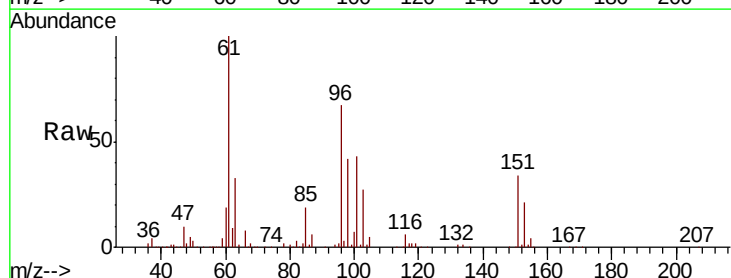
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

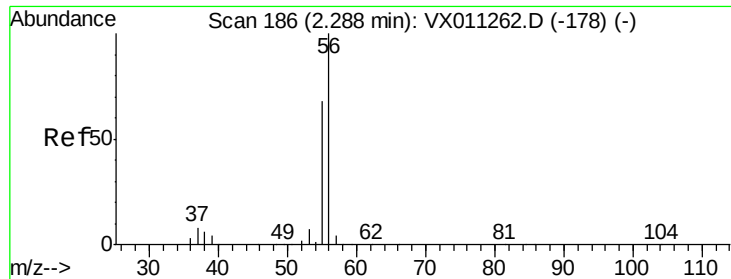
Tgt Ion: 59 Resp: 79423
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.607 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 96 Resp: 72975
Ion Ratio Lower Upper
96 100
61 148.4 106.2 159.2
98 62.5 50.6 75.8





#13

Acrolein

Concen: 323.601 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

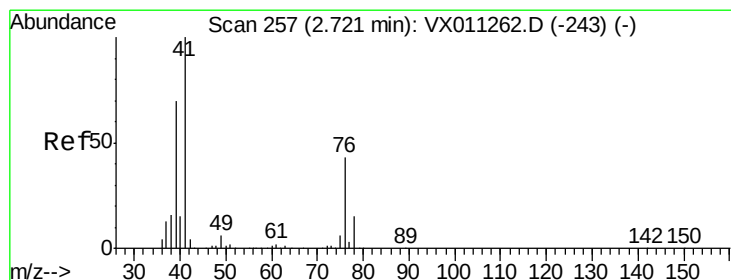
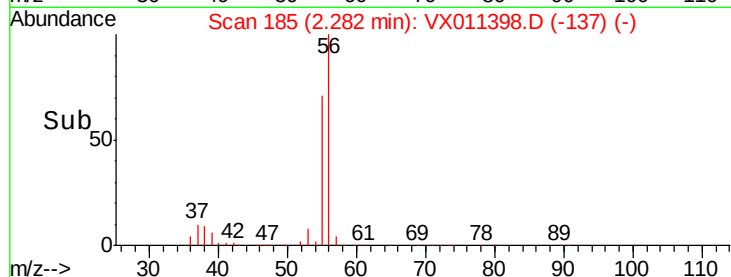
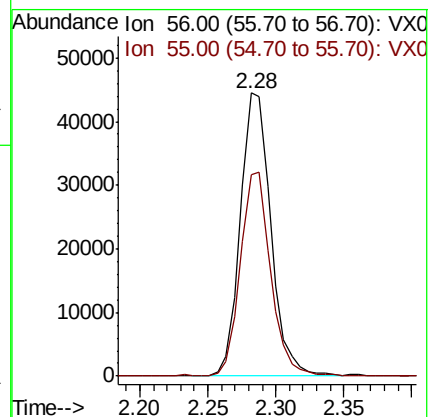
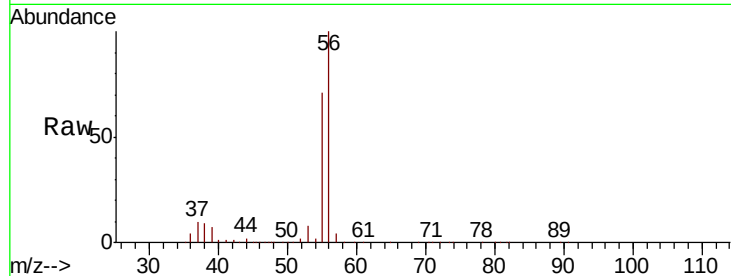
VSTDCCC050

Tgt Ion: 56 Resp: 69472

Ion Ratio Lower Upper

56 100

55 72.0 56.0 84.0



#14

Allyl chloride

Concen: 52.165 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

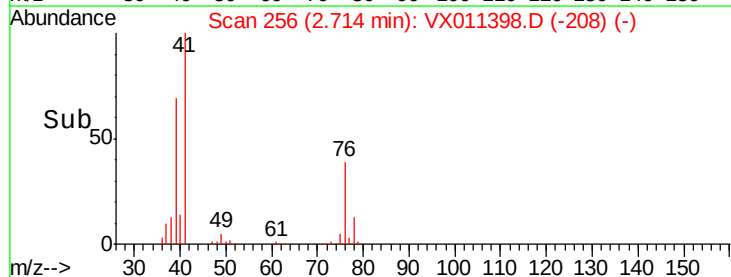
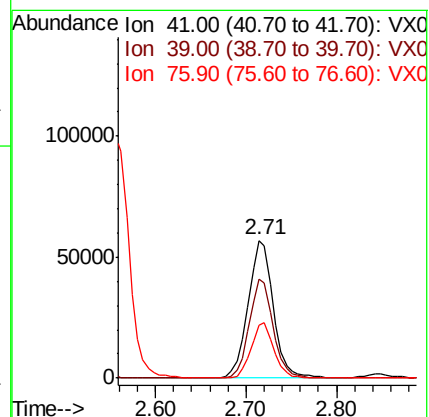
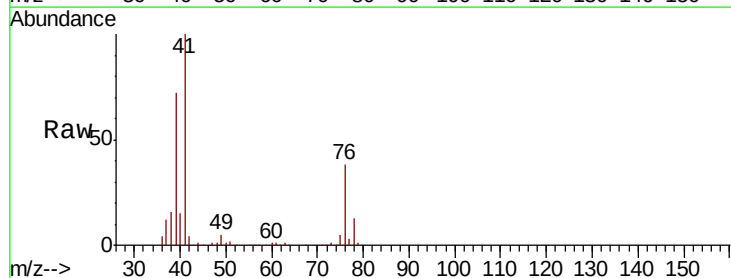
Tgt Ion: 41 Resp: 108888

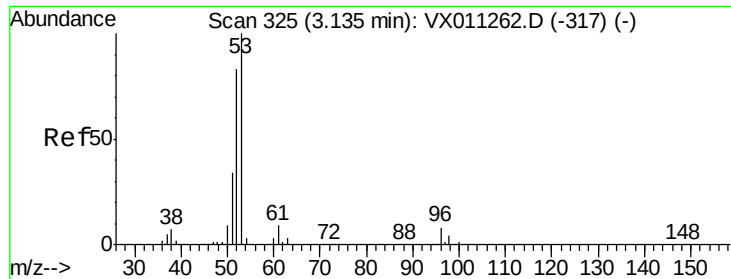
Ion Ratio Lower Upper

41 100

39 67.7 52.8 79.2

76 36.7 31.1 46.7





#15

Acrylonitrile

Concen: 242.790 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

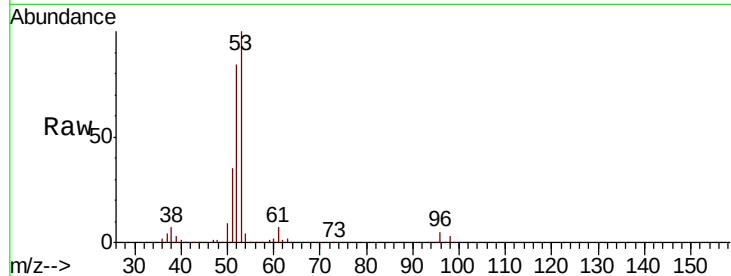
Tgt Ion: 53 Resp: 200225

Ion Ratio Lower Upper

53 100

52 82.4 65.5 98.3

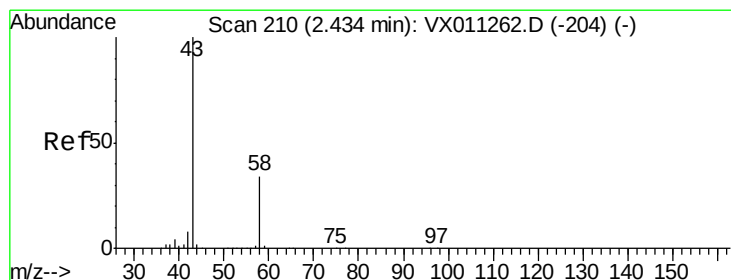
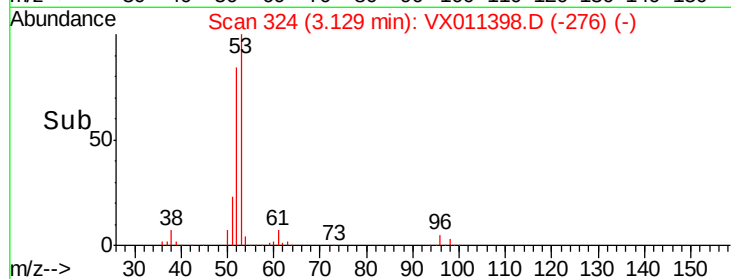
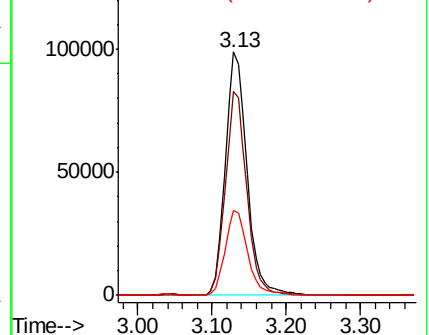
51 36.6 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 290.984 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011398.D

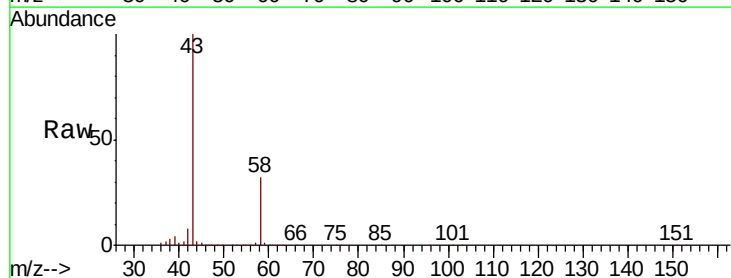
Acq: 09 Aug 2019 09:37

Tgt Ion: 43 Resp: 240033

Ion Ratio Lower Upper

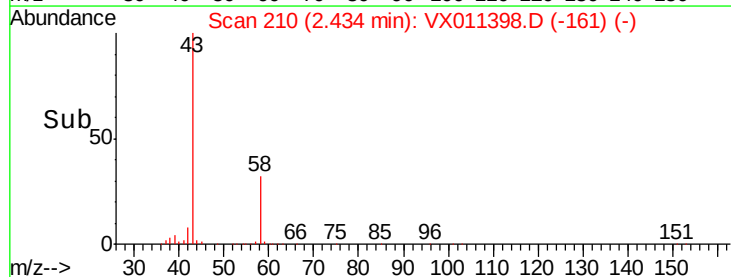
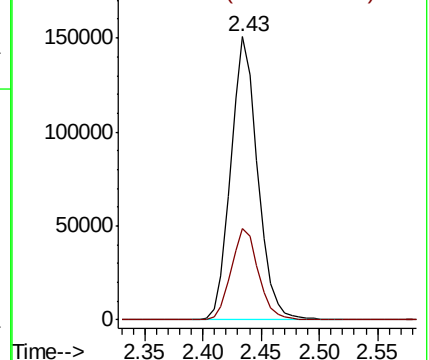
43 100

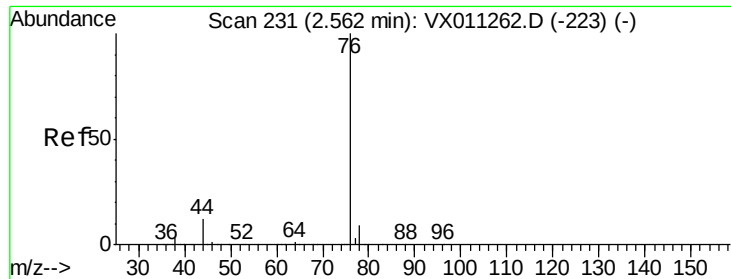
58 32.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

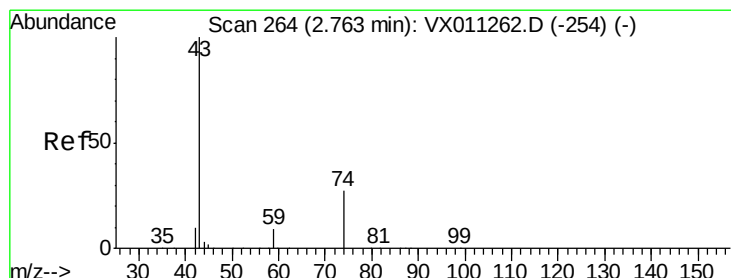
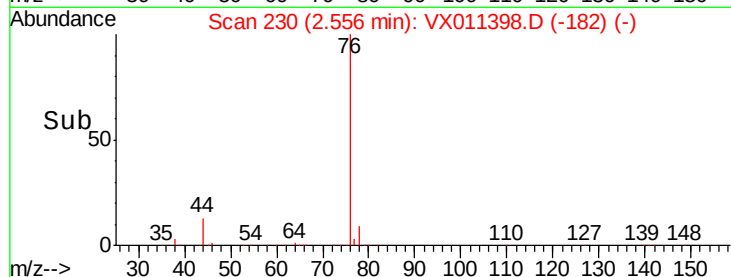
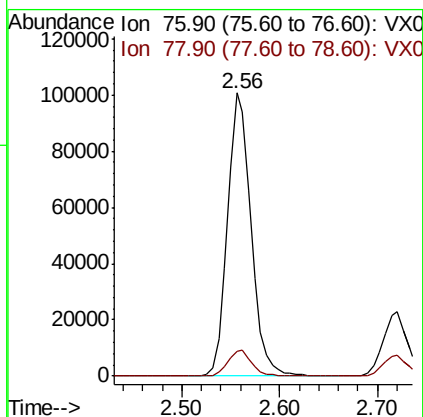
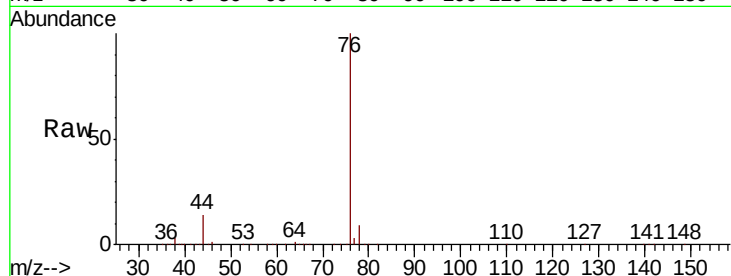




#17
Carbon Disulfide
Concen: 45.702 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

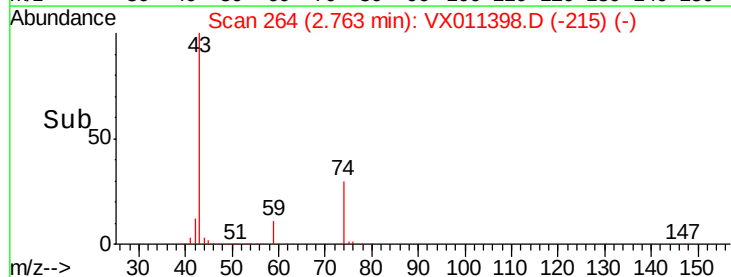
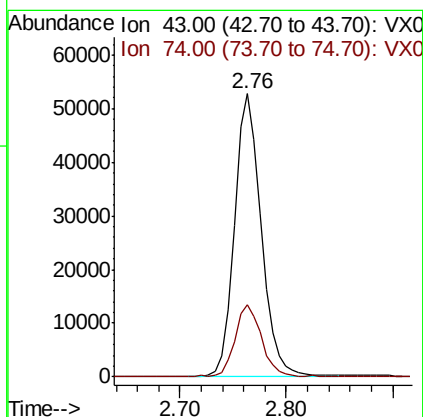
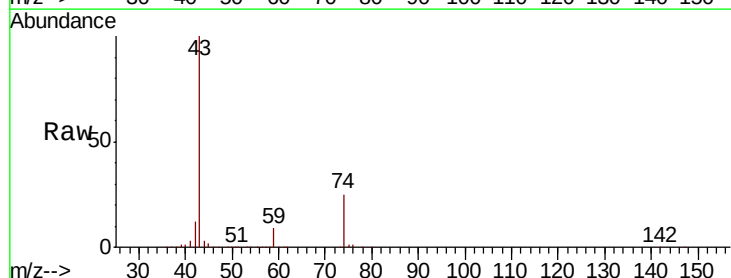
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

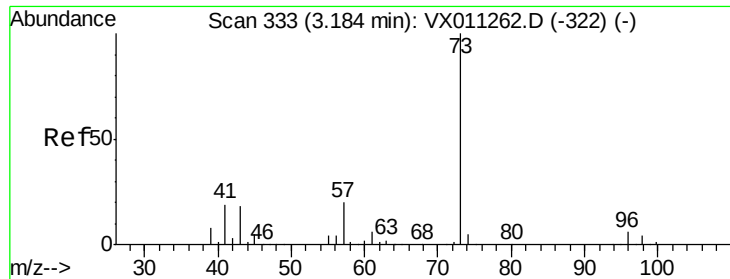
Tgt Ion: 76 Resp: 167923
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 49.115 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 43 Resp: 92589
Ion Ratio Lower Upper
43 100
74 26.1 21.0 31.6

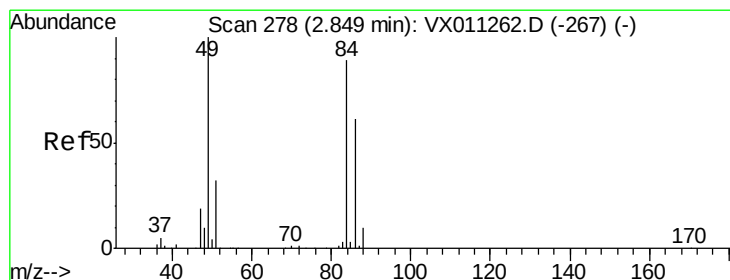
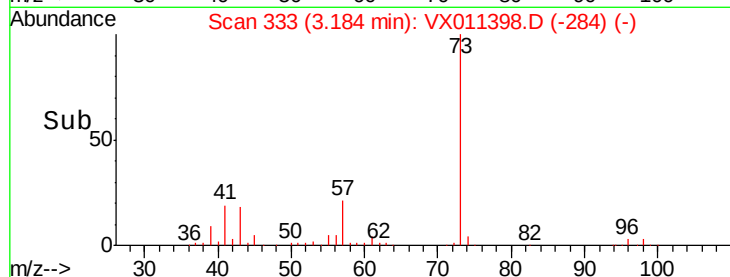
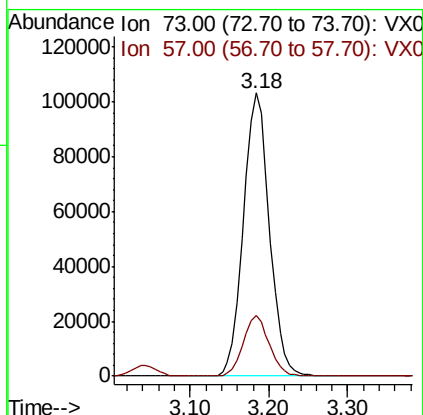
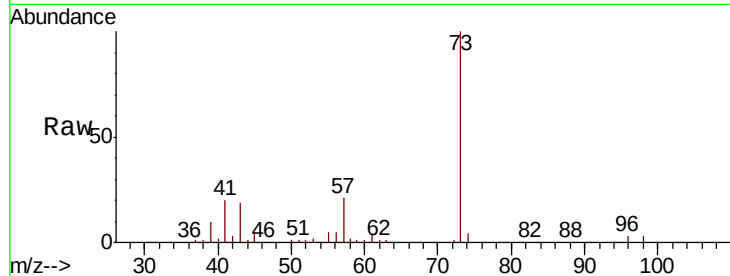




#19
Methyl tert-butyl Ether
Concen: 51.325 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

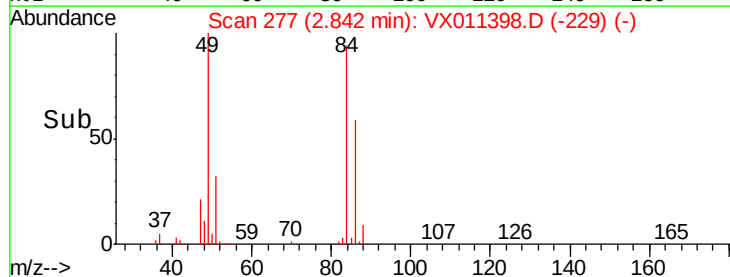
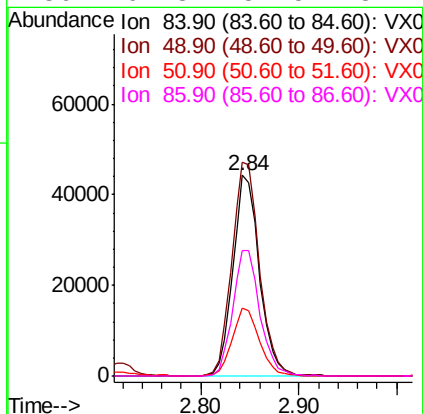
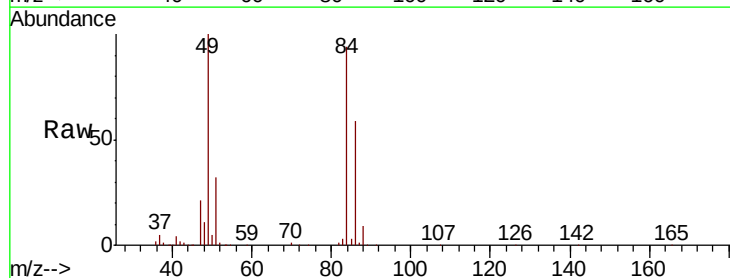
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

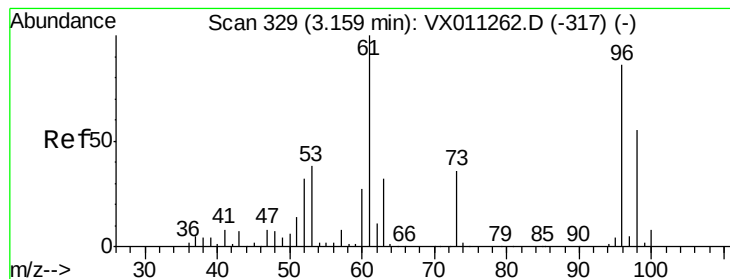
Tgt Ion: 73 Resp: 236826
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.2



#20
Methylene Chloride
Concen: 46.020 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 84 Resp: 83138
Ion Ratio Lower Upper
84 100
49 106.5 89.3 133.9
51 33.8 28.3 42.5
86 62.8 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 47.315 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

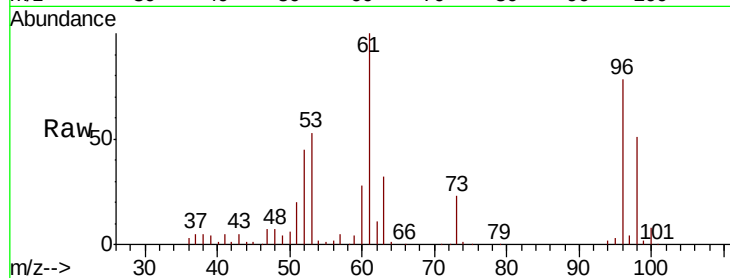
Tgt Ion: 96 Resp: 78367

Ion Ratio Lower Upper

96 100

61 127.5 92.8 139.2

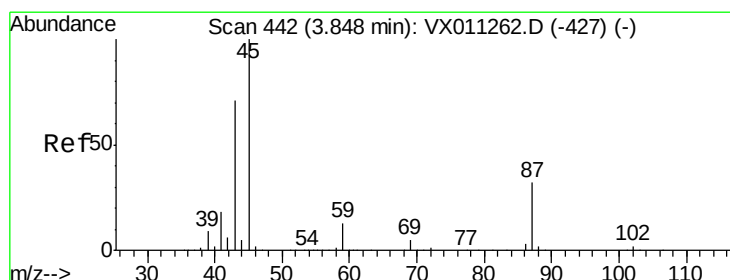
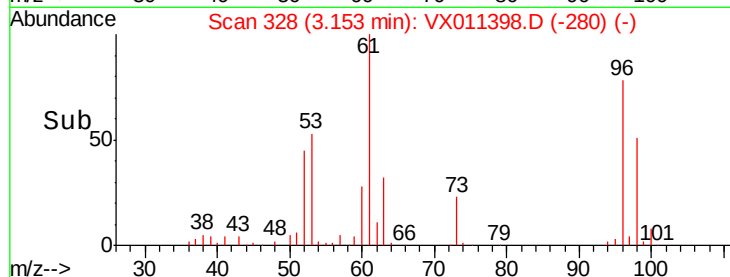
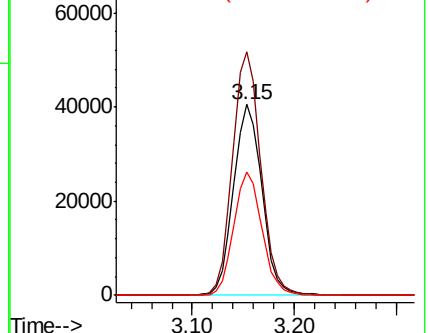
98 64.7 51.2 76.8



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: 50.786 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Tgt Ion: 45 Resp: 232989

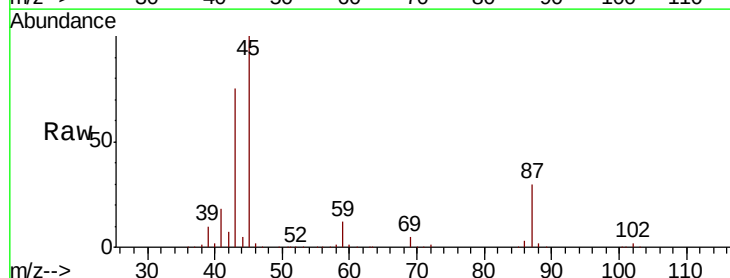
Ion Ratio Lower Upper

45 100

43 74.4 56.8 85.2

87 29.8 25.8 38.6

59 12.0 10.3 15.5

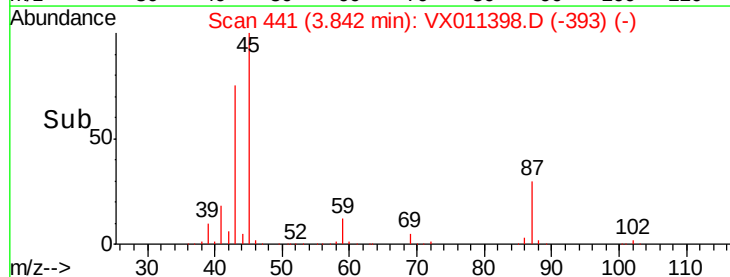
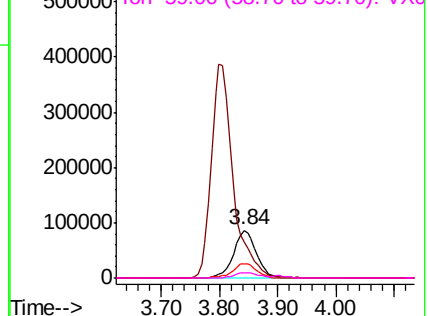


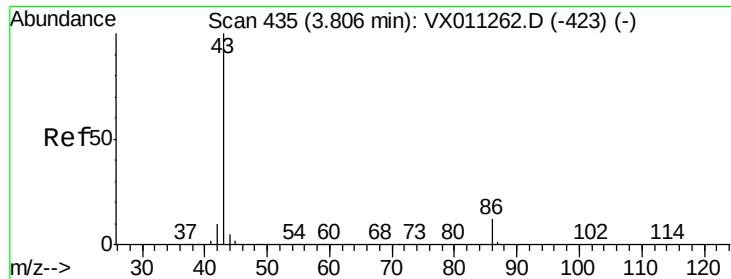
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 264.660 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

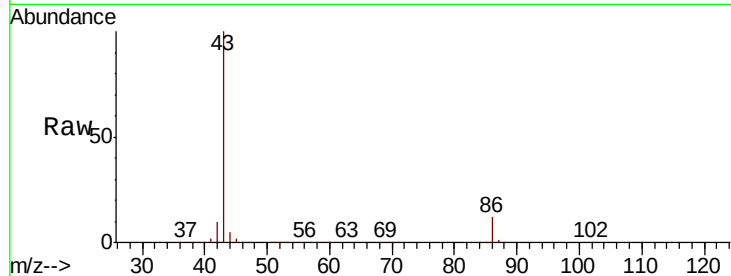
VSTDCCC050

Tgt Ion: 43 Resp: 1007046

Ion Ratio Lower Upper

43 100

86 11.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

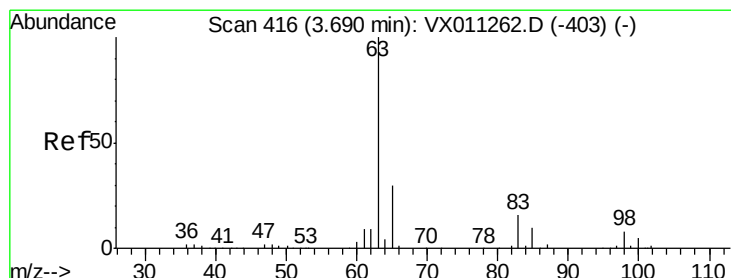
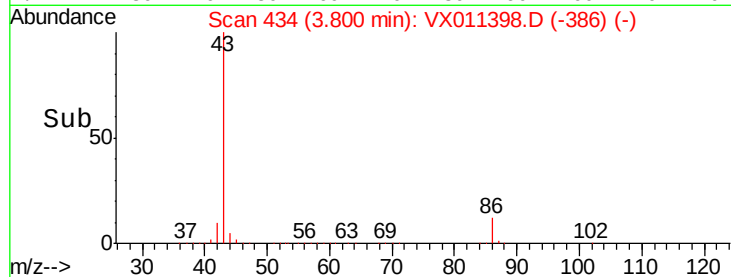
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.379 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

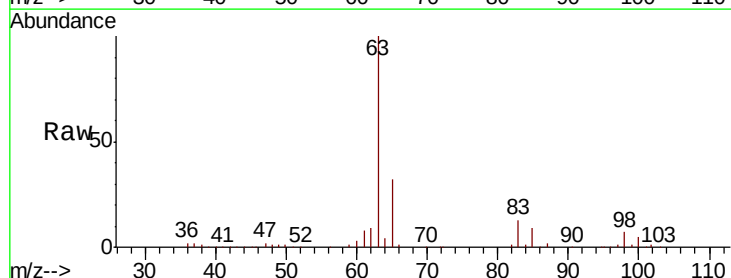
Tgt Ion: 63 Resp: 133580

Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.5

100 4.6 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.68

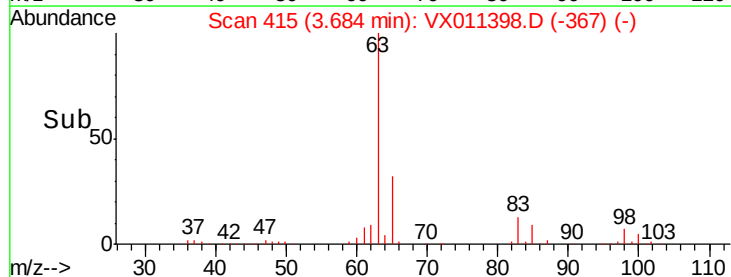
60000

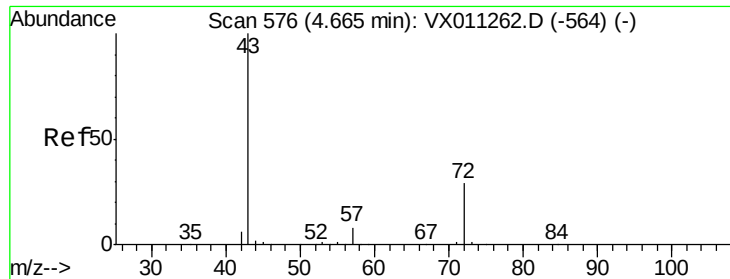
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 262.202 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

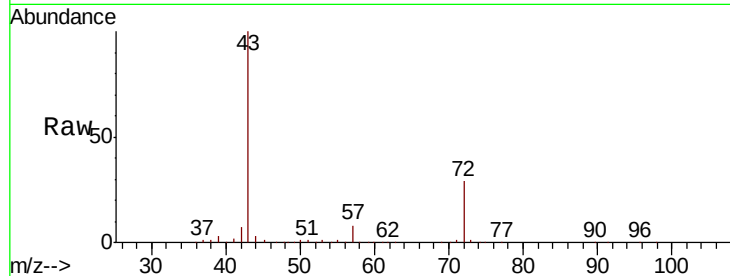
VSTDCCC050

Tgt Ion: 43 Resp: 307674

Ion Ratio Lower Upper

43 100

72 28.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

120000

100000

80000

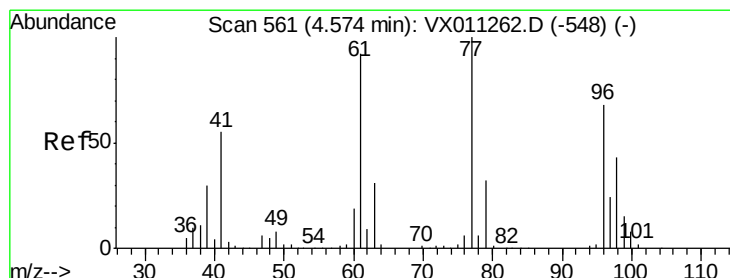
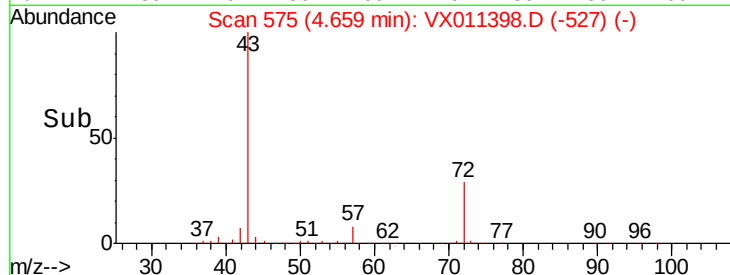
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 54.142 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011398.D

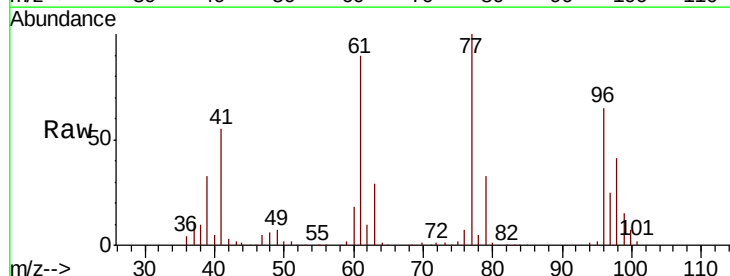
Acq: 09 Aug 2019 09:37

Tgt Ion: 77 Resp: 113855

Ion Ratio Lower Upper

77 100

97 24.7 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

40000

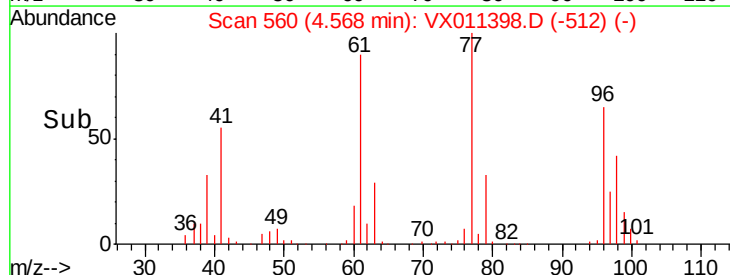
30000

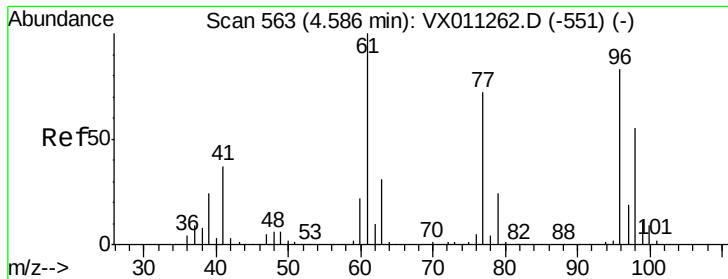
20000

10000

0

Time-->



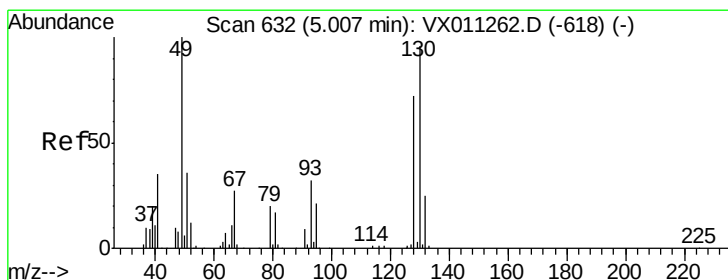
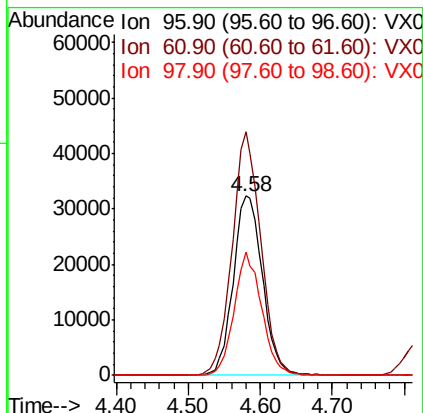
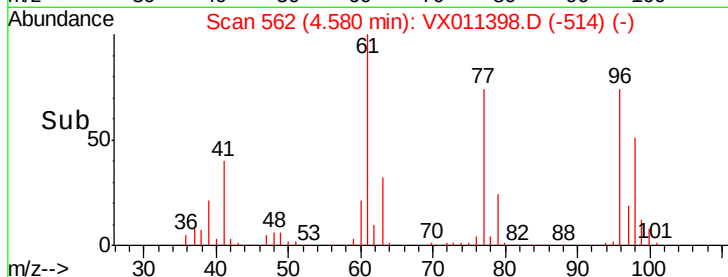
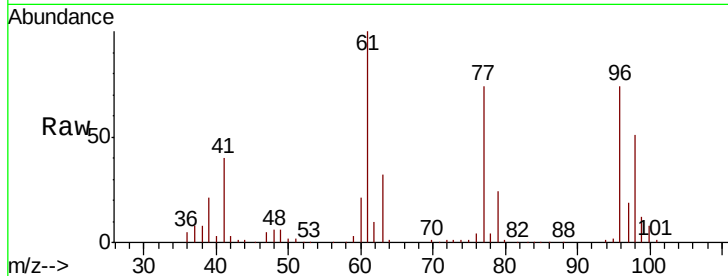


#27

cis-1,2-Dichloroethene
 Concen: 47.710 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

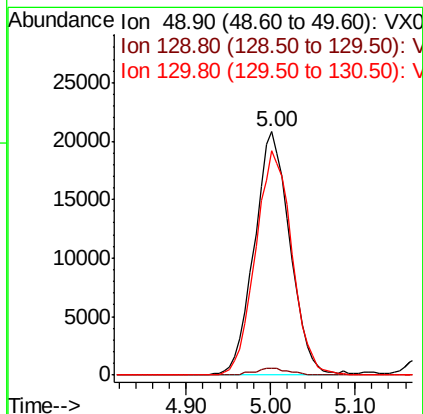
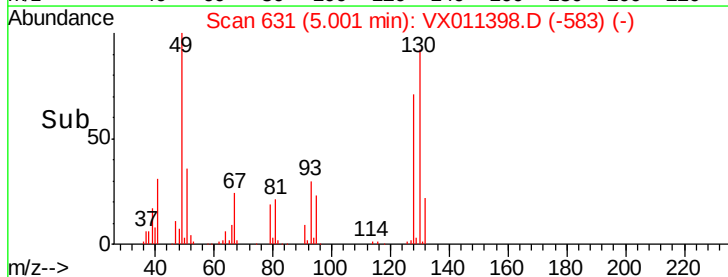
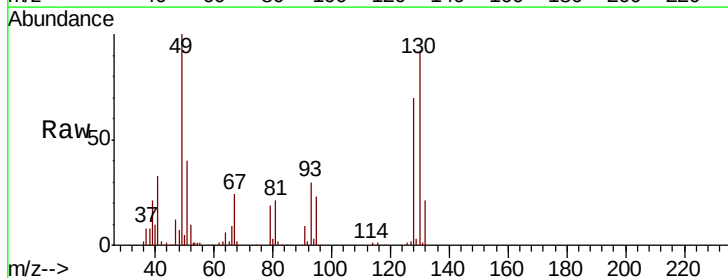
Tgt Ion: 96 Resp: 91019
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 260.2
 98 64.4 0.0 133.2

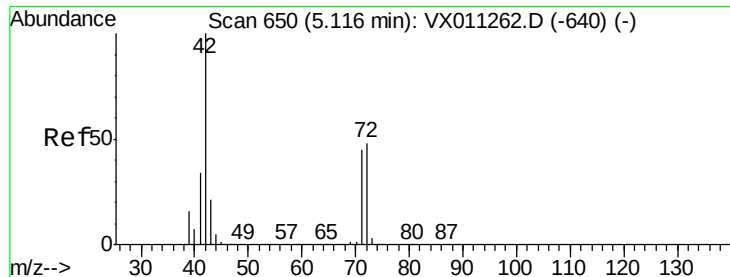


#28

Bromochloromethane
 Concen: 48.897 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 49 Resp: 60302
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.8
 130 94.3 77.9 116.9

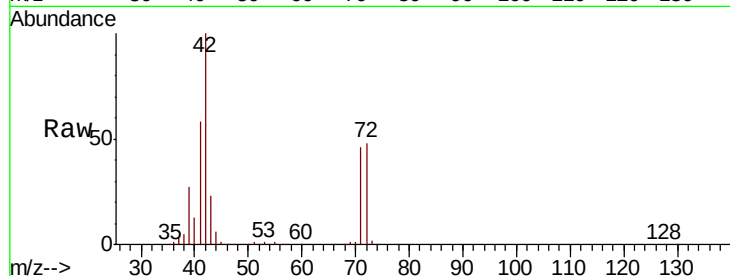




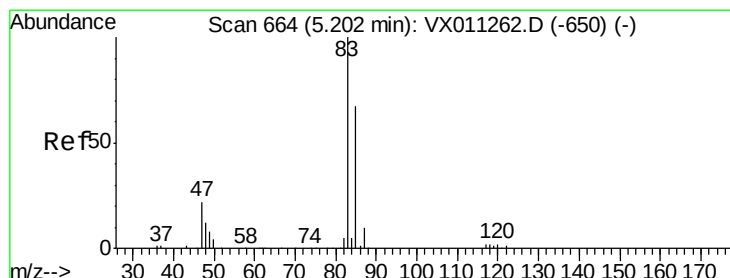
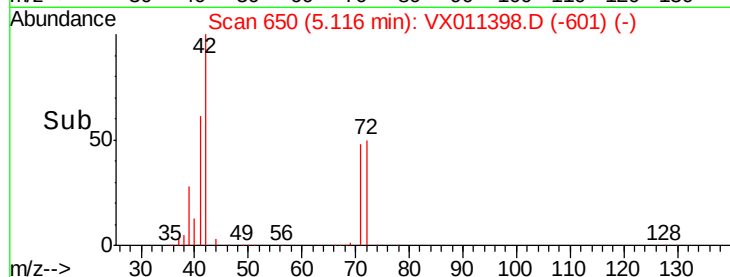
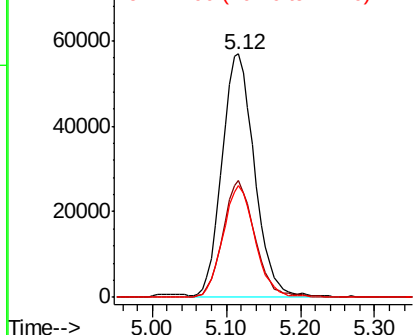
#29
Tetrahydrofuran
Concen: 240.274 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 172873
Ion Ratio Lower Upper
42 100
72 47.7 39.9 59.9
71 45.5 36.9 55.3

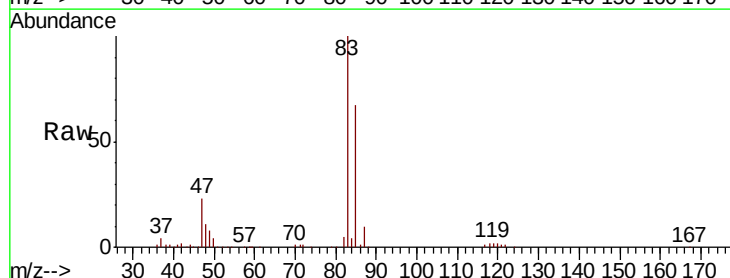


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

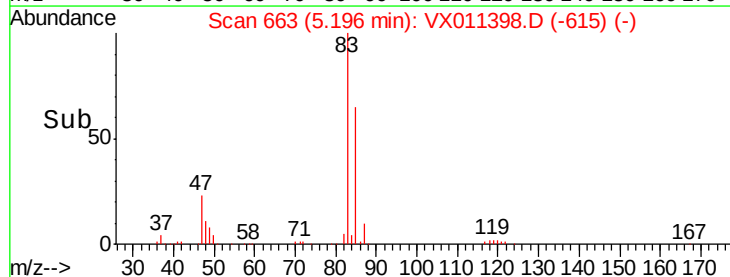
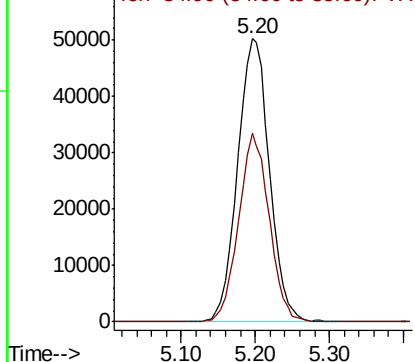


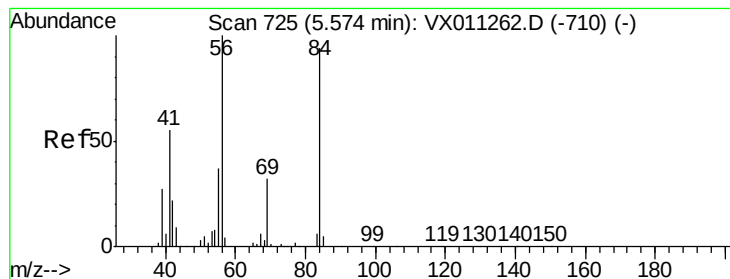
#30
Chloroform
Concen: 51.250 ug/l
RT: 5.20 min Scan# 663
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 83 Resp: 150684
Ion Ratio Lower Upper
83 100
85 66.7 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.015 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

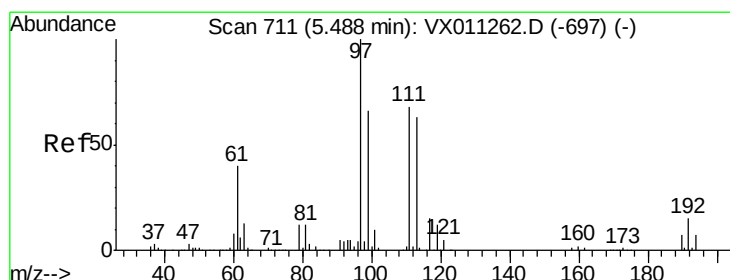
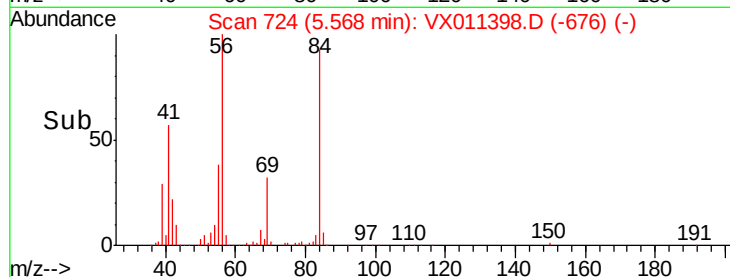
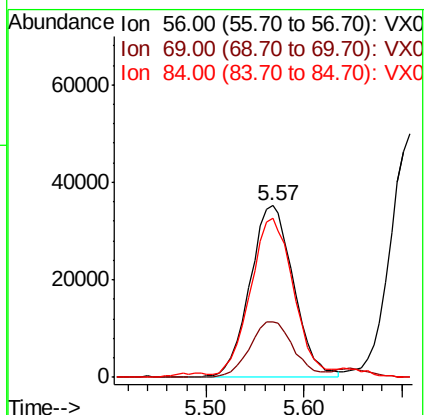
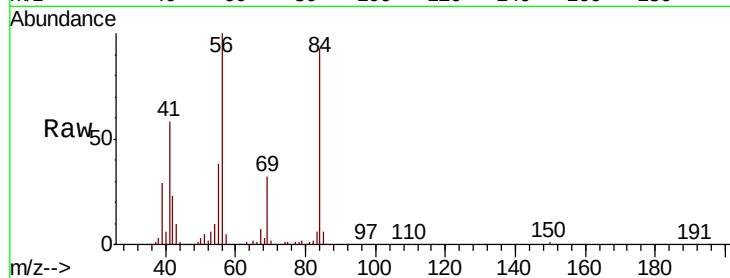
Tgt Ion: 56 Resp: 109392

Ion Ratio Lower Upper

56 100

69 32.4 25.5 38.3

84 91.0 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 52.072 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

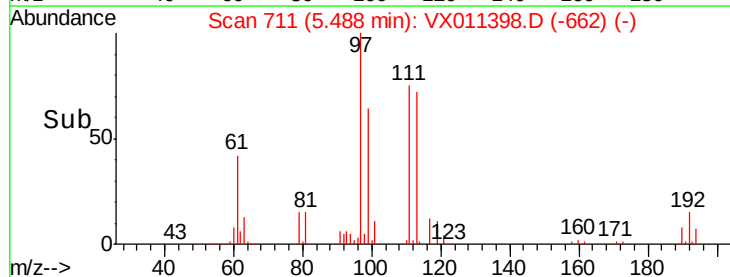
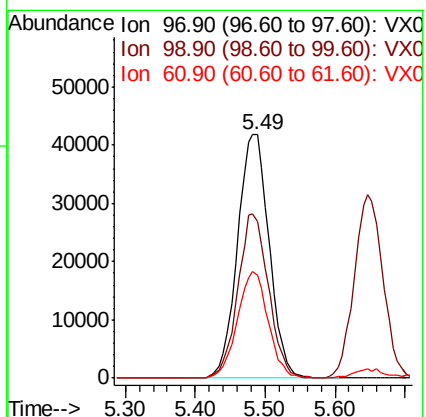
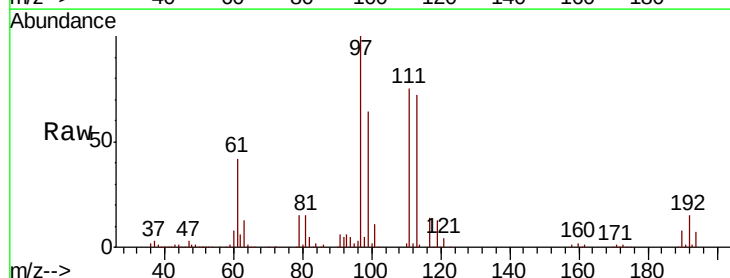
Tgt Ion: 97 Resp: 131153

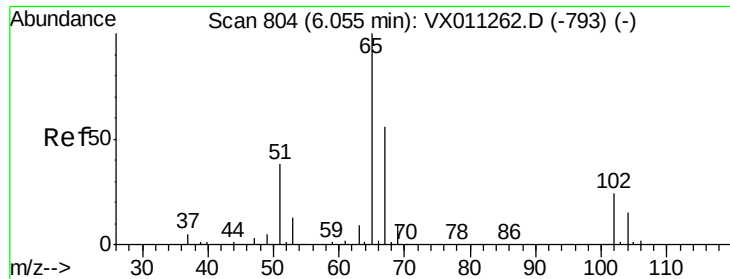
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 42.8 32.3 48.5

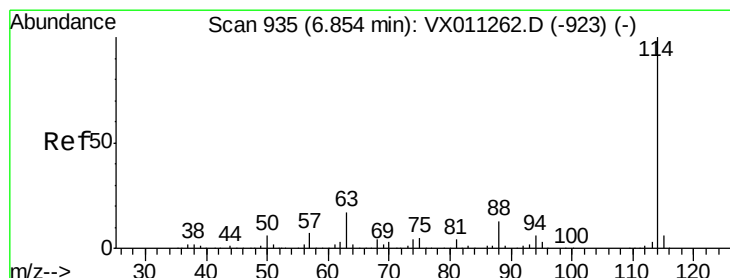
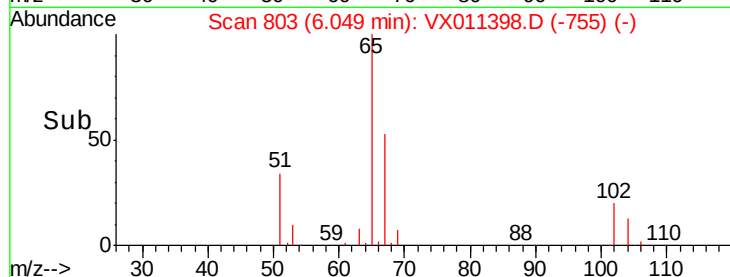
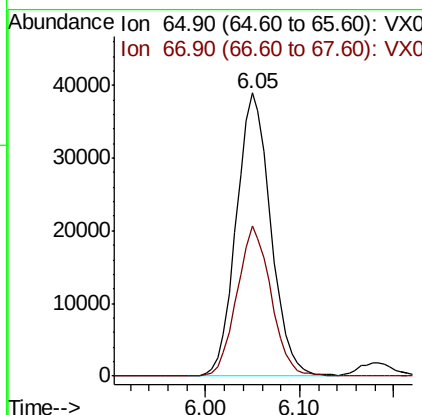
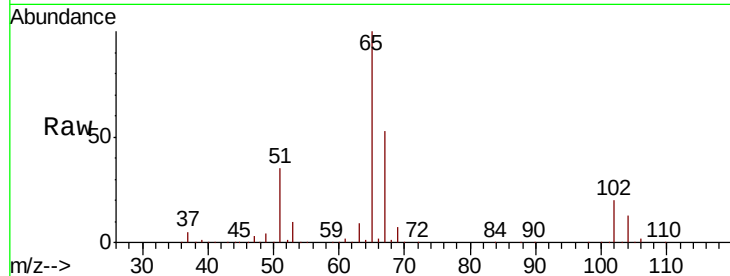




#33
 1,2-Dichloroethane-d4
 Concen: 57.362 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

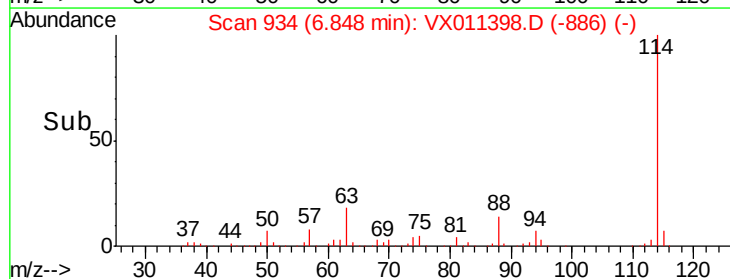
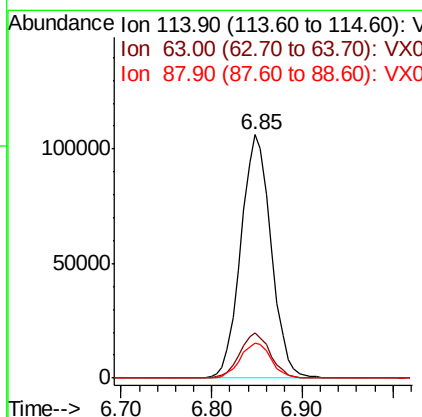
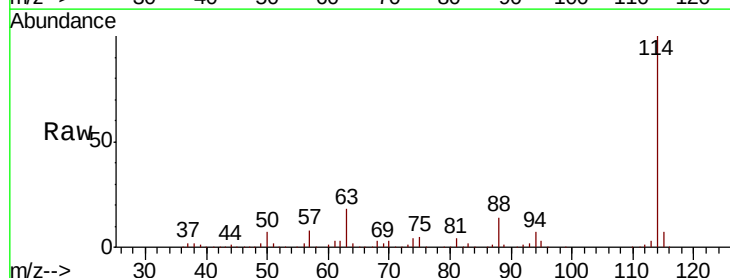
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

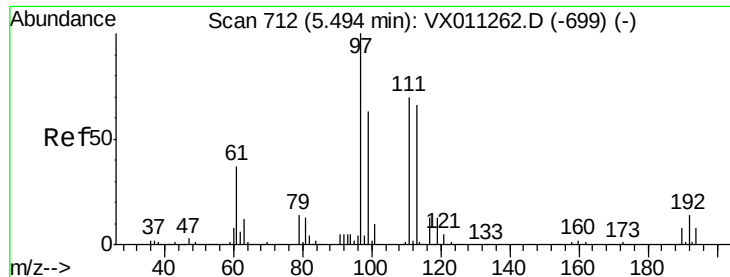
Tgt Ion: 65 Resp: 99411
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 114 Resp: 245765
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 14.2 0.0 26.4

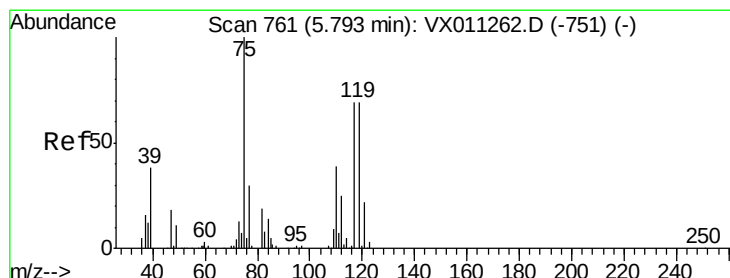
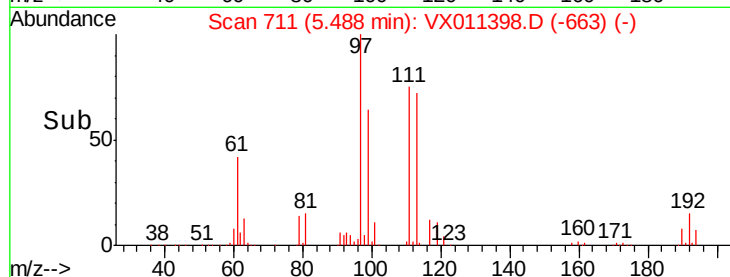
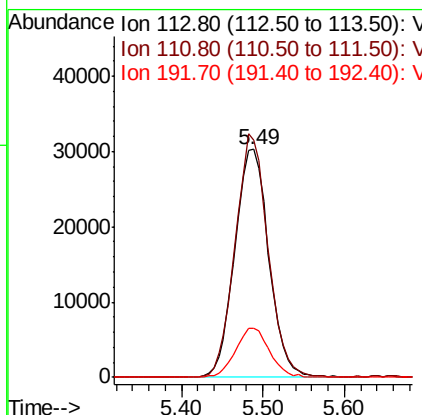
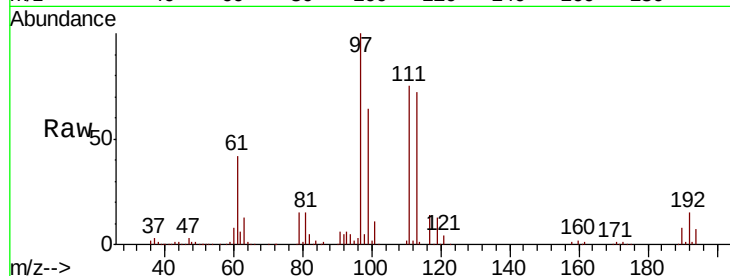




#35
 Dibromofluoromethane
 Concen: 54.642 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

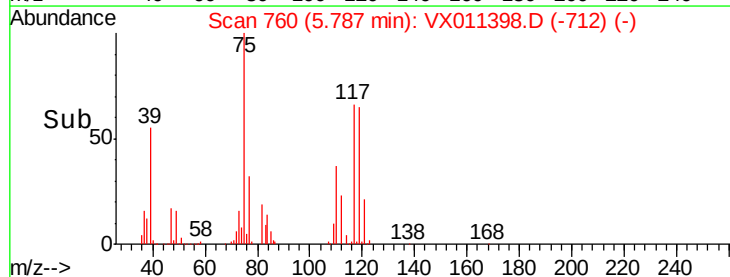
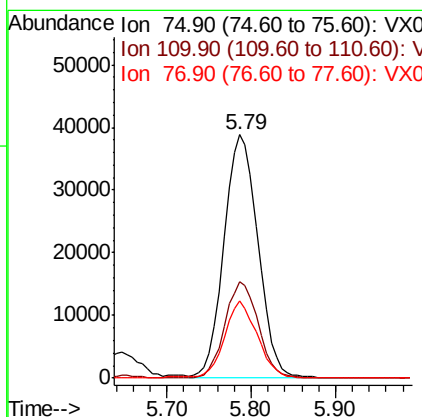
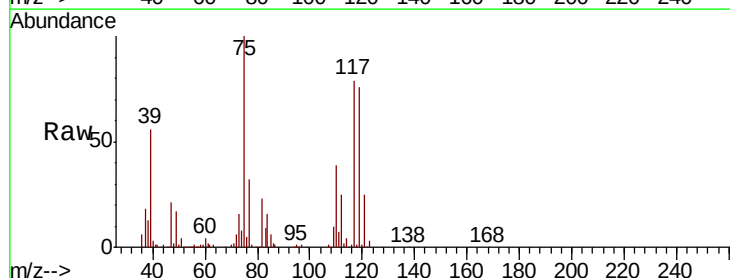
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

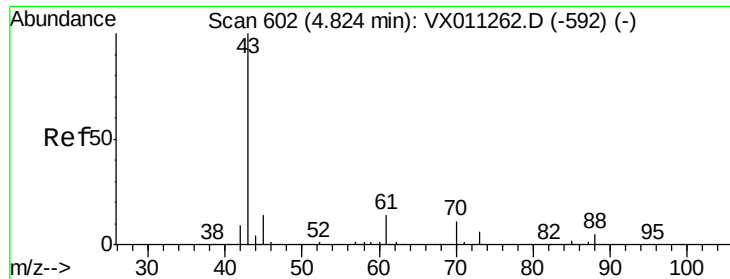
Tgt Ion:113 Resp: 87676
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 21.5 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 49.428 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 75 Resp: 106061
 Ion Ratio Lower Upper
 75 100
 110 39.1 20.0 59.9
 77 31.4 24.8 37.2

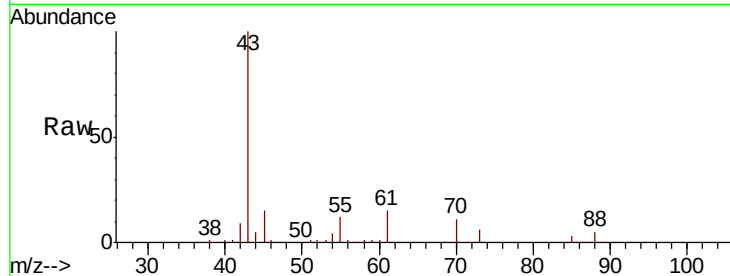




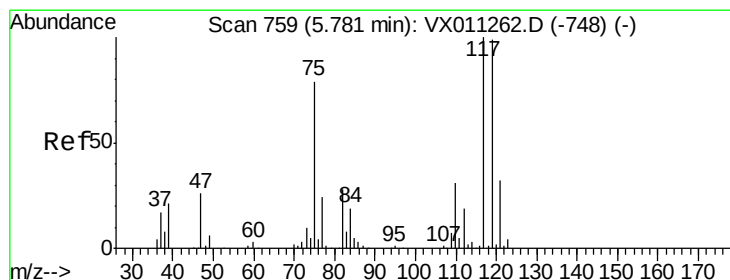
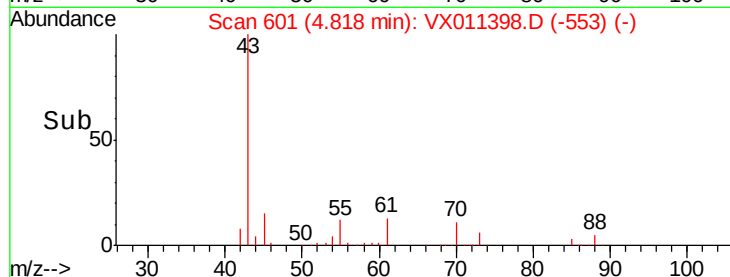
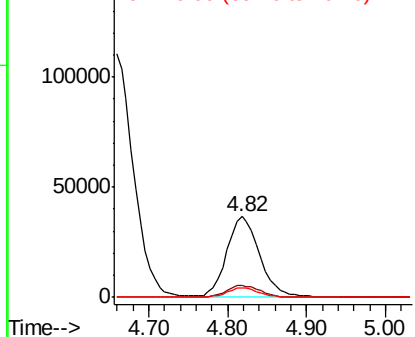
#37
 Ethyl Acetate
 Concen: 48.961 ug/l
 RT: 4.82 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 105381
 Ion Ratio Lower Upper
 43 100
 61 15.6 12.6 18.8
 70 11.7 9.1 13.7

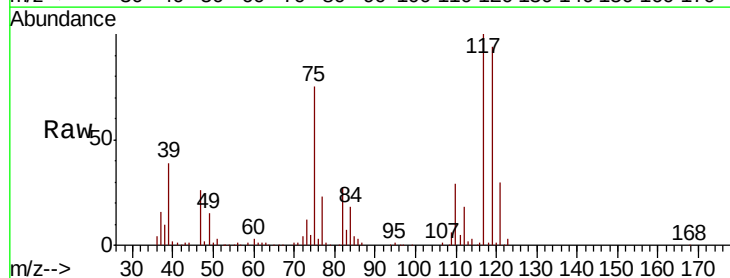


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

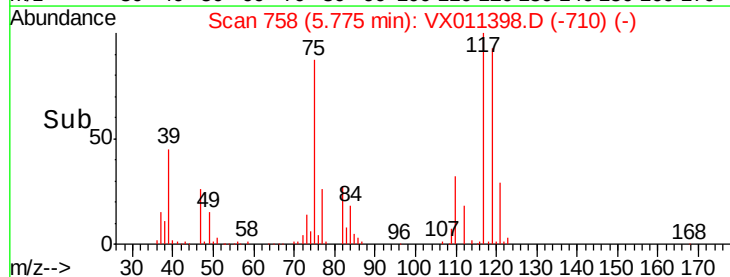
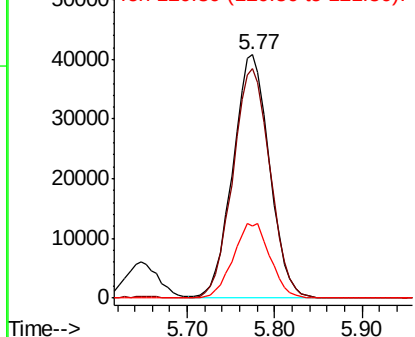


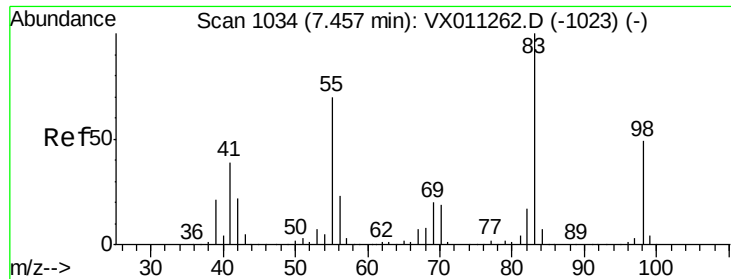
#38
 Carbon Tetrachloride
 Concen: 54.971 ug/l
 RT: 5.77 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 117 Resp: 118670
 Ion Ratio Lower Upper
 117 100
 119 94.1 79.0 118.4
 121 29.6 25.9 38.9



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

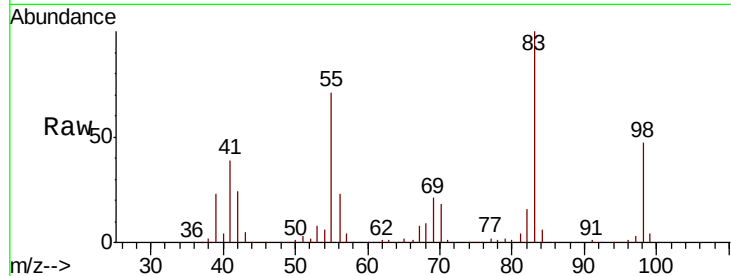




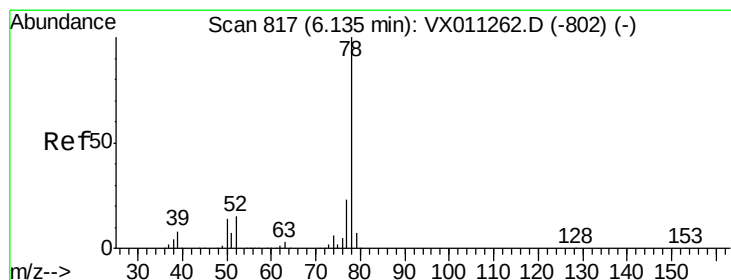
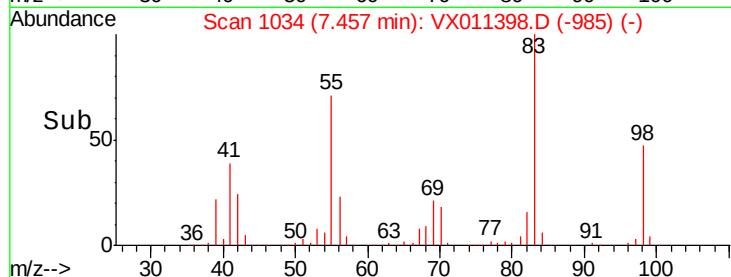
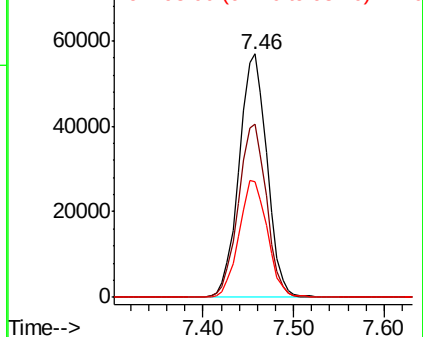
#39
Methylcyclohexane
Concen: 47.778 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 121520
Ion Ratio Lower Upper
83 100
55 70.8 56.1 84.1
98 47.5 39.0 58.4

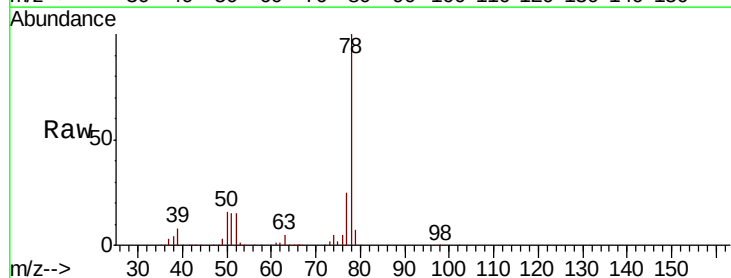


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

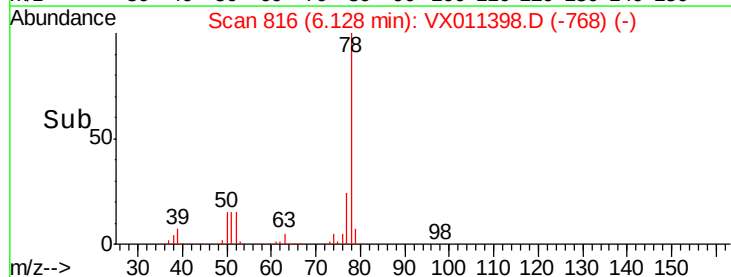
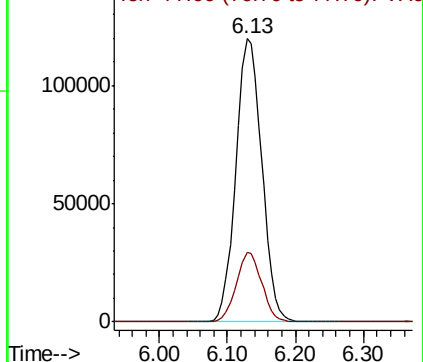


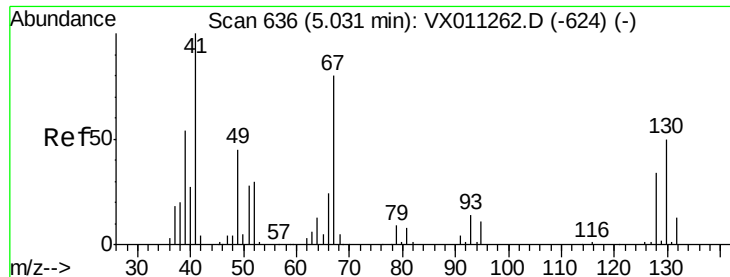
#40
Benzene
Concen: 49.524 ug/l
RT: 6.13 min Scan# 816
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 78 Resp: 317109
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.2



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

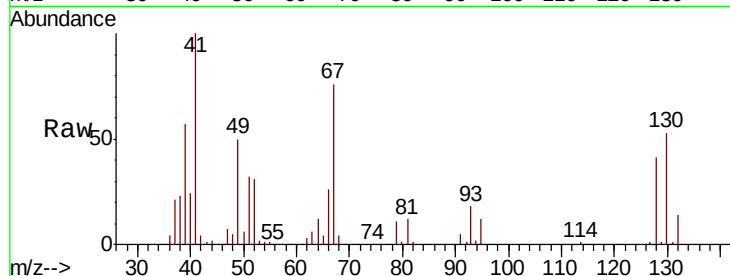




#41
Methacrylonitrile
Concen: 49.340 ug/l
RT: 5.02 min Scan# 635
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	57997
Ion	Ratio	Lower	Upper
41	100		
39	58.8	43.0	64.6
67	79.8	65.1	97.7
52	32.7	24.8	37.2



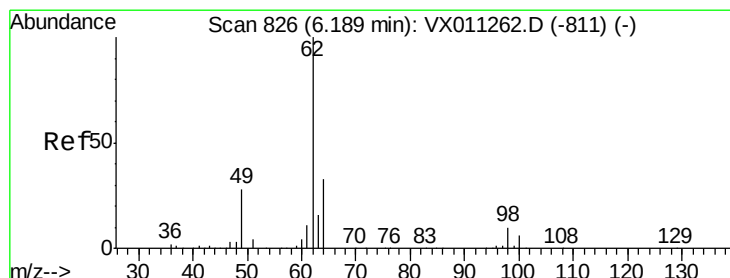
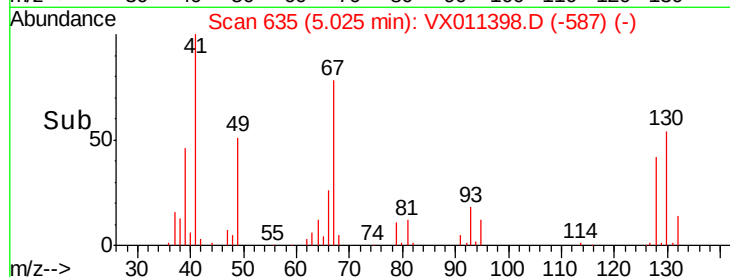
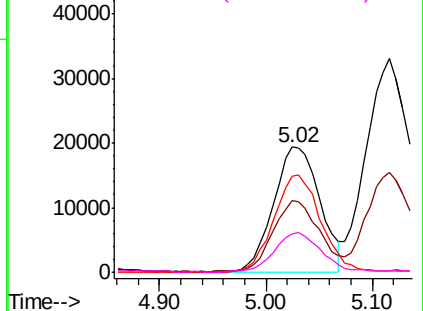
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

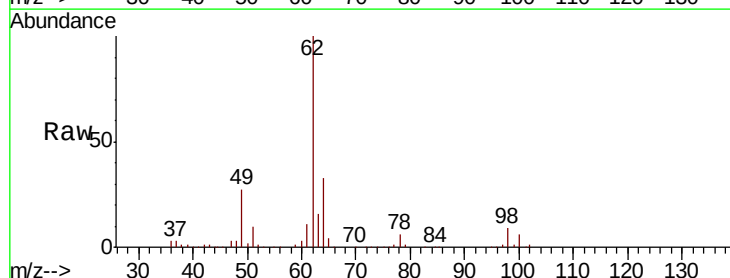
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 53.665 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

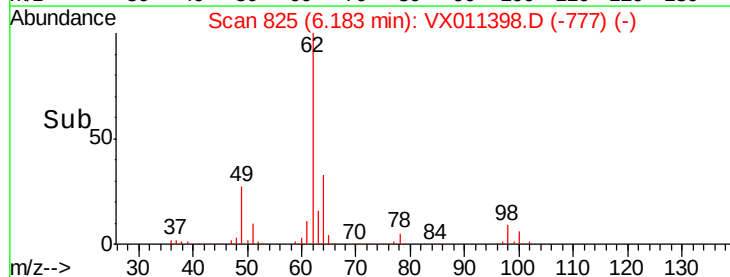
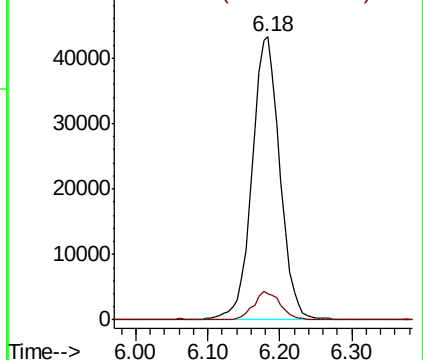
Tgt Ion:	62	Resp:	116196
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6

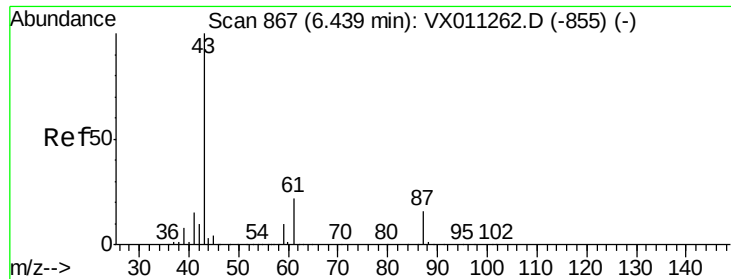


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

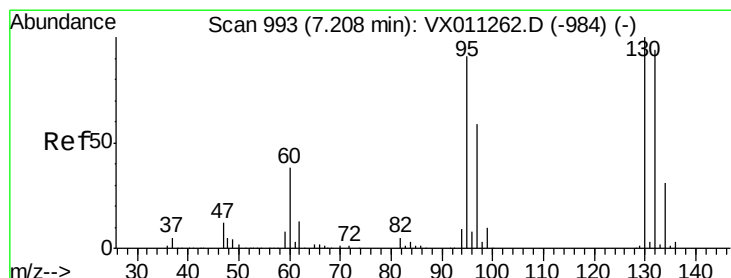
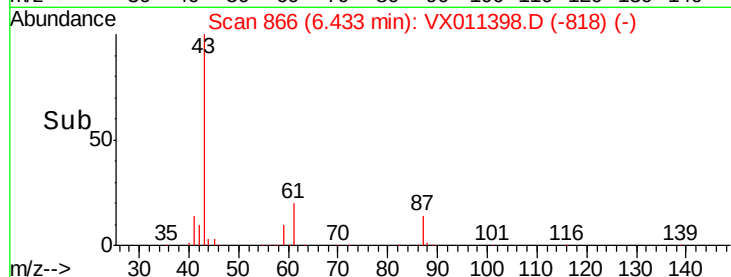
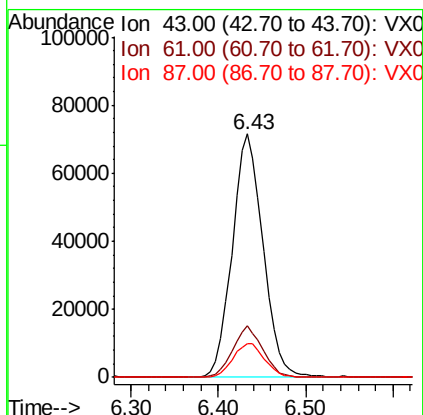
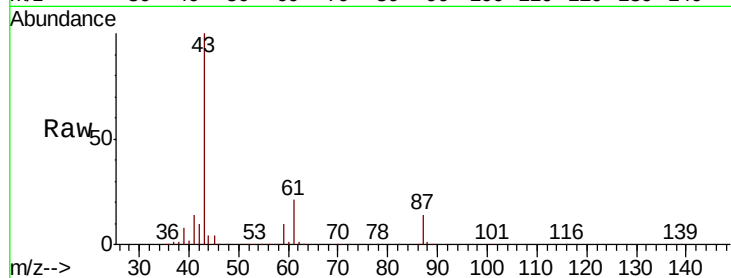




#43
Isopropyl Acetate
Concen: 50.605 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

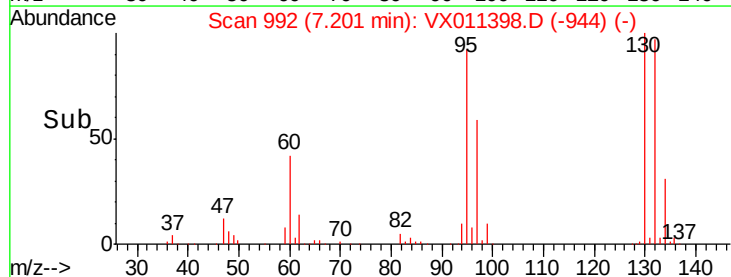
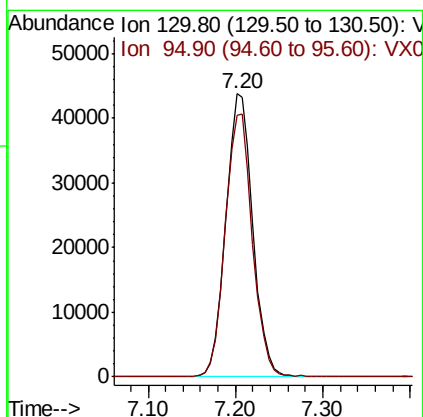
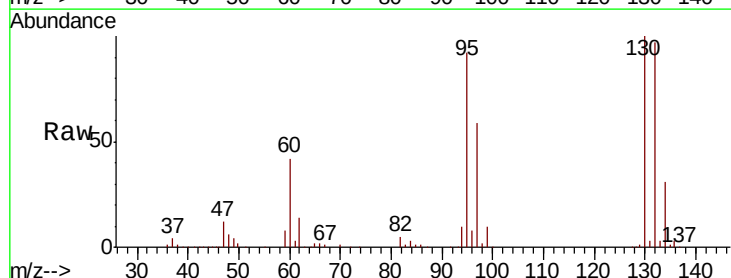
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

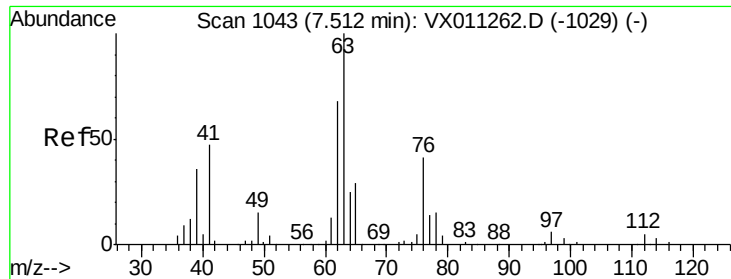
Tgt Ion: 43 Resp: 174137
Ion Ratio Lower Upper
43 100
61 20.5 16.5 24.7
87 14.6 12.1 18.1



#44
Trichloroethene
Concen: 48.364 ug/l
RT: 7.20 min Scan# 992
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 130 Resp: 93736
Ion Ratio Lower Upper
130 100
95 92.3 0.0 182.6

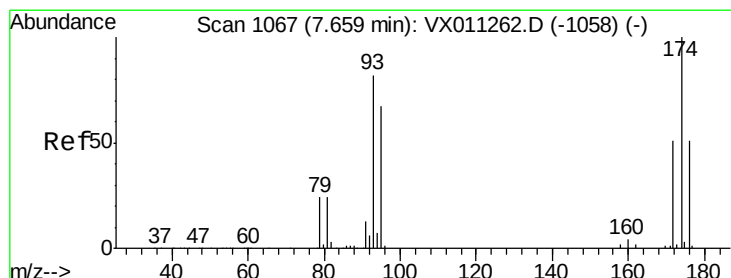
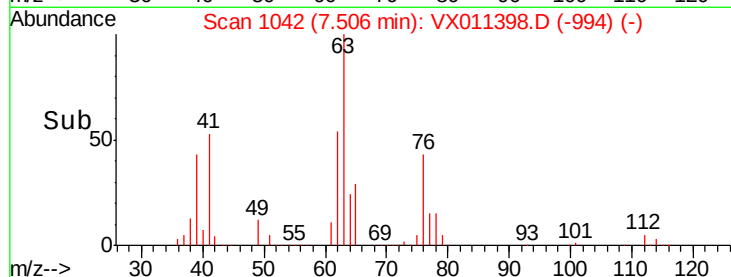
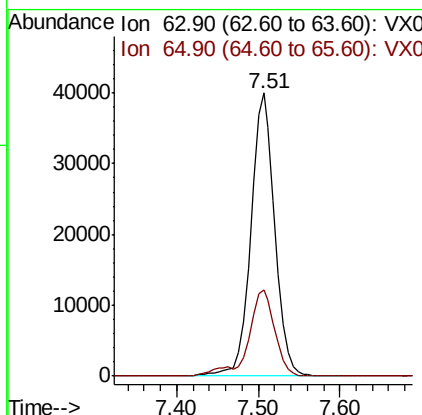
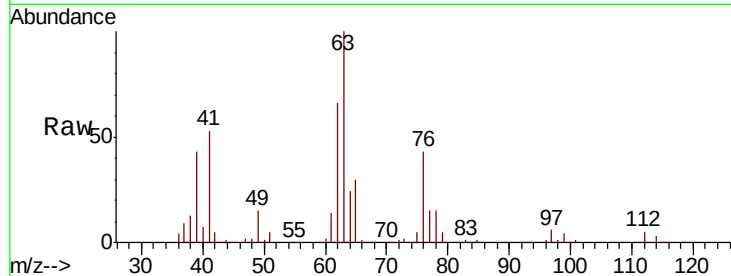




#45
 1,2-Dichloropropane
 Concen: 49.225 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

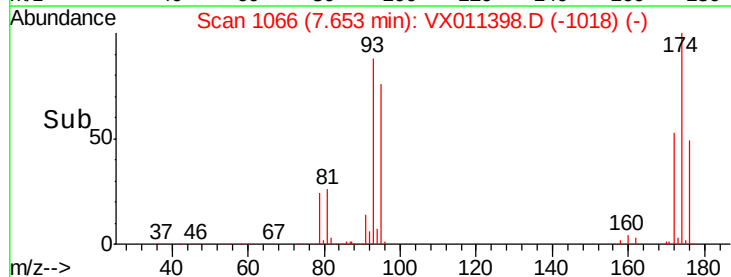
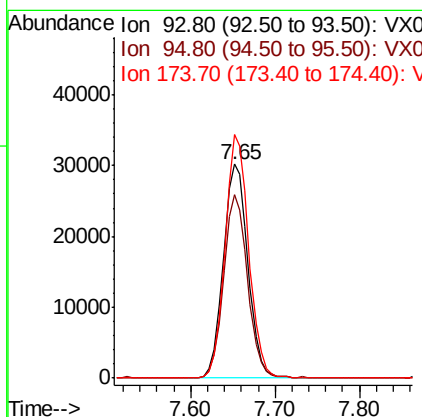
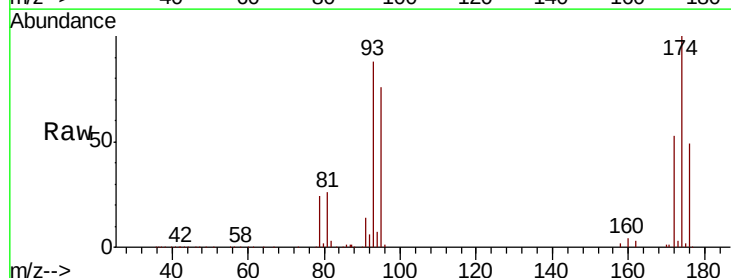
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

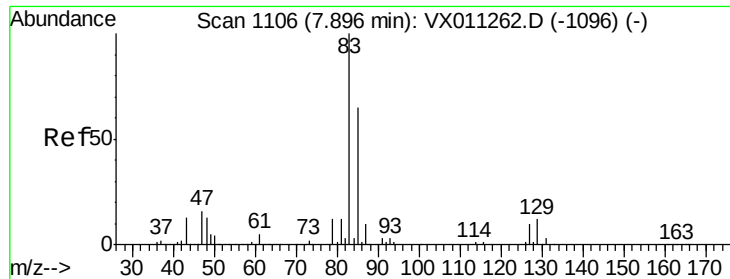
Tgt Ion: 63 Resp: 81630
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.3 34.9



#46
 Dibromomethane
 Concen: 49.914 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 93 Resp: 60425
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 109.5 93.4 140.2





#47

Bromodichloromethane

Concen: 55.334 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

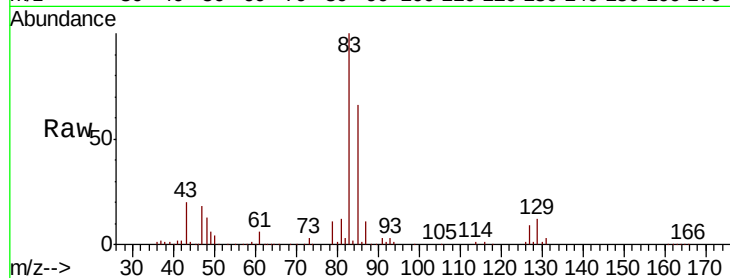
Tgt Ion: 83 Resp: 113413

Ion Ratio Lower Upper

83 100

85 66.4 52.2 78.2

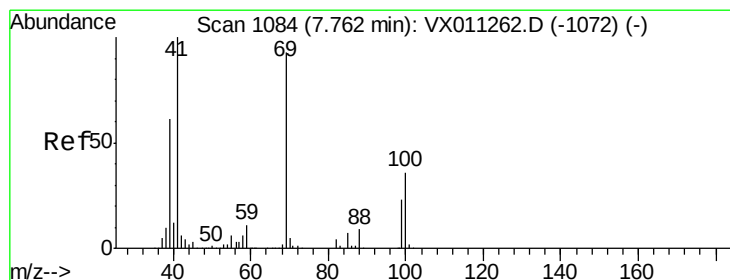
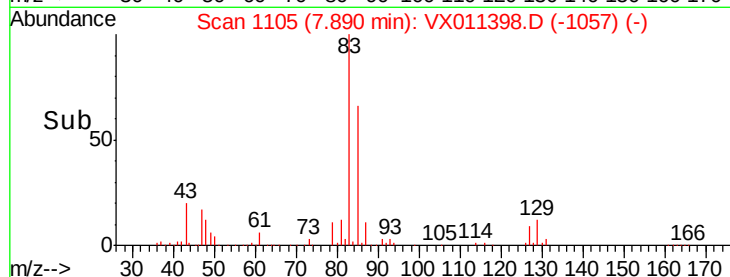
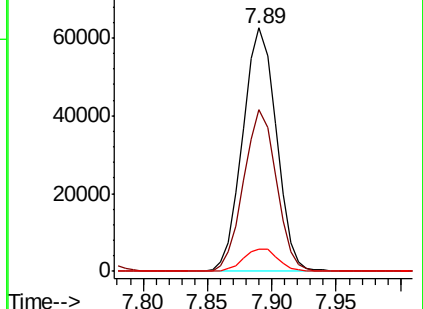
127 8.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.027 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

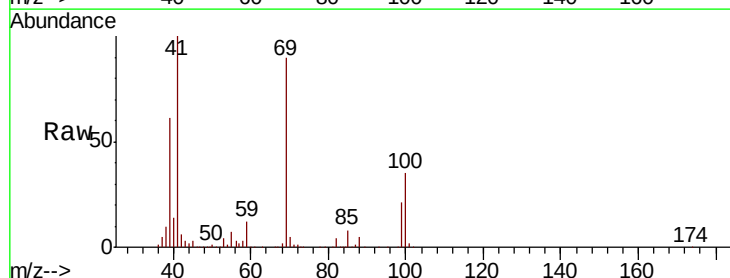
Tgt Ion: 41 Resp: 85874

Ion Ratio Lower Upper

41 100

69 89.5 74.5 111.7

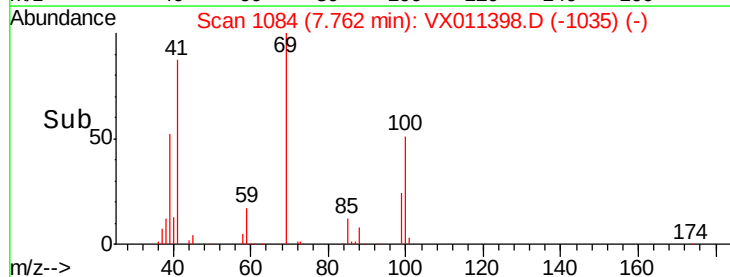
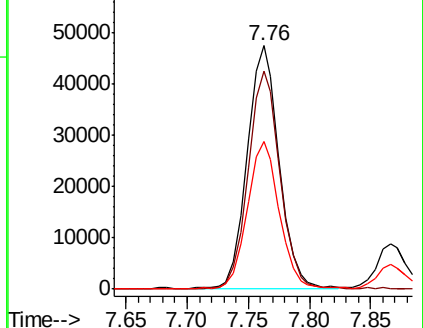
39 60.3 48.6 72.8

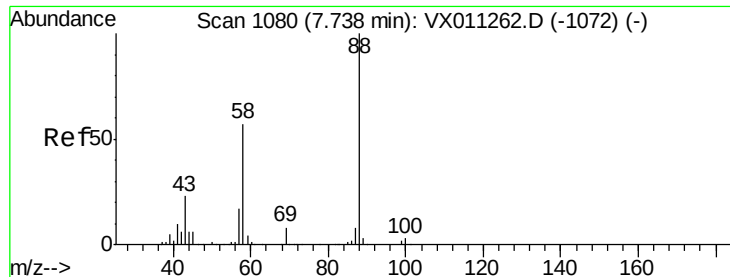


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

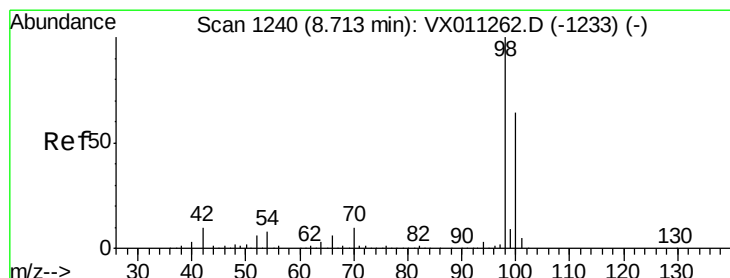
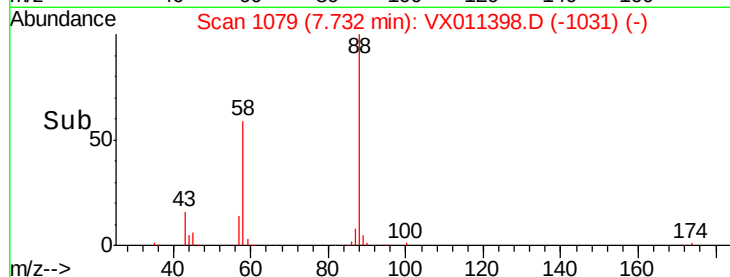
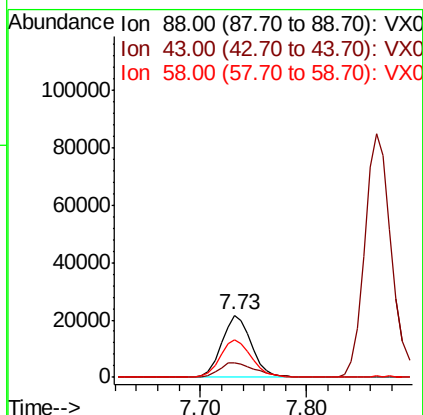
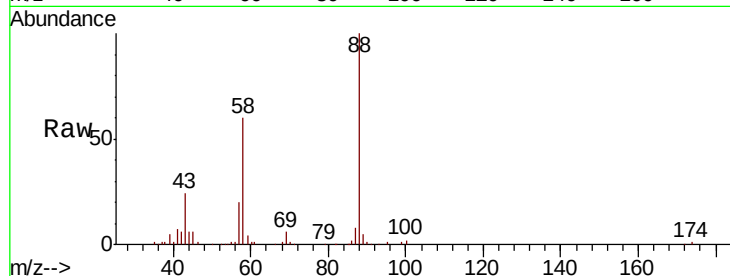




#49
1,4-Dioxane
Concen: 901.661 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

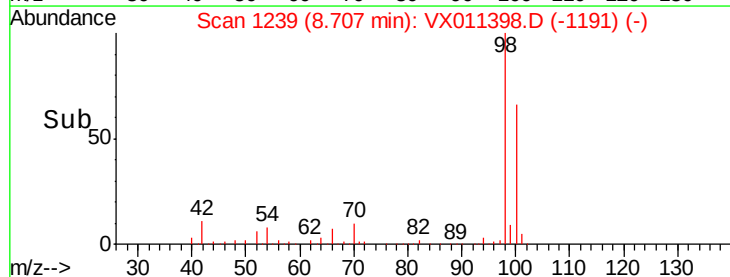
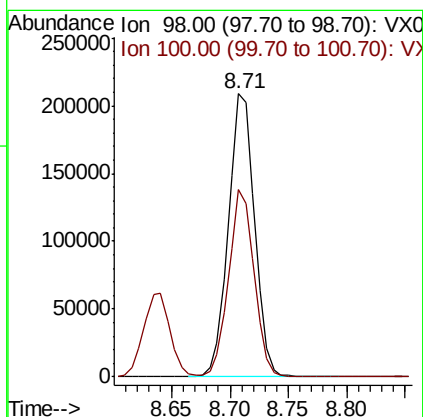
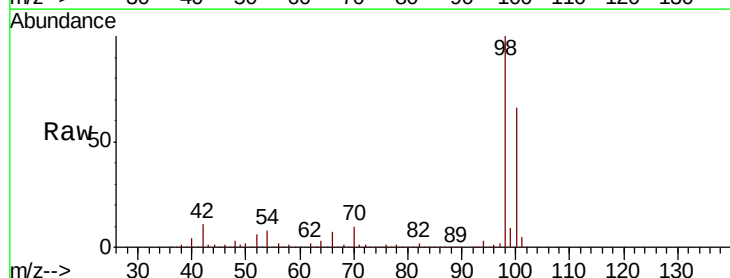
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

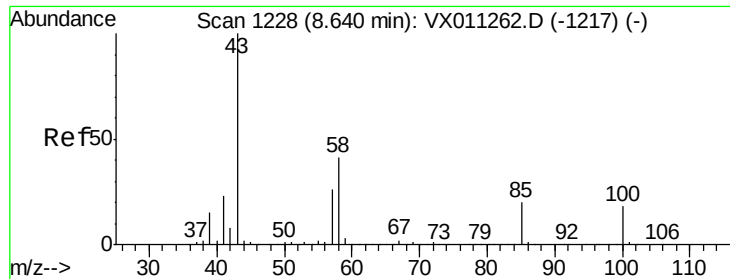
Tgt Ion: 88 Resp: 42332
Ion Ratio Lower Upper
88 100
43 28.1 22.2 33.2
58 64.4 47.8 71.8



#50
Toluene-d8
Concen: 53.926 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 98 Resp: 326610
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 261.273 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

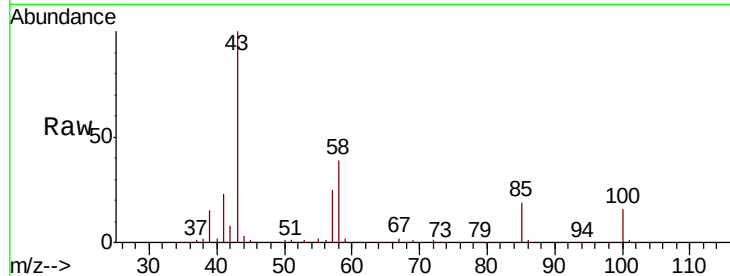
VSTDCCC050

Tgt Ion: 43 Resp: 580227

Ion Ratio Lower Upper

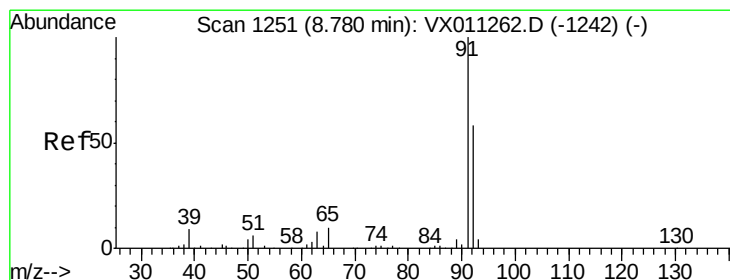
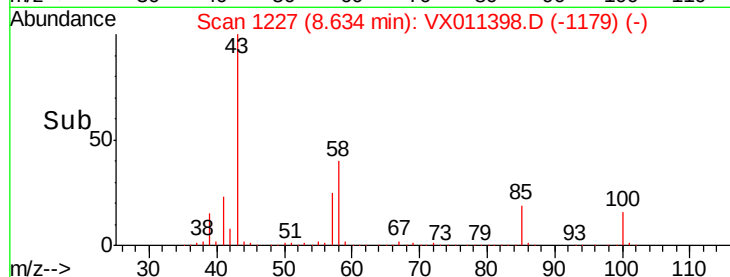
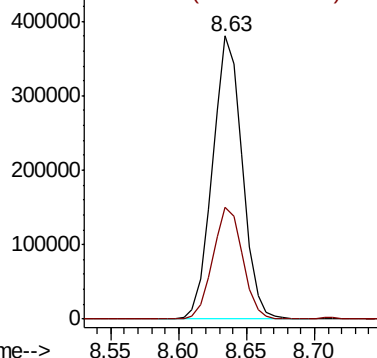
43 100

58 39.8 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.656 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011398.D

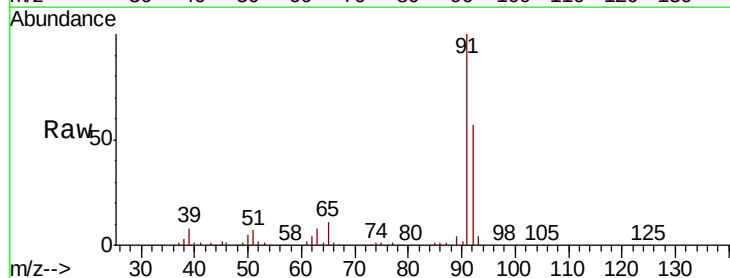
Acq: 09 Aug 2019 09:37

Tgt Ion: 92 Resp: 214454

Ion Ratio Lower Upper

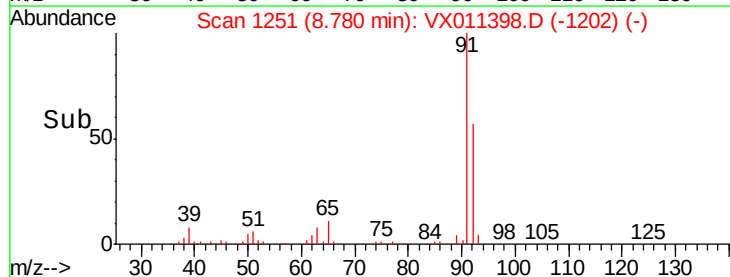
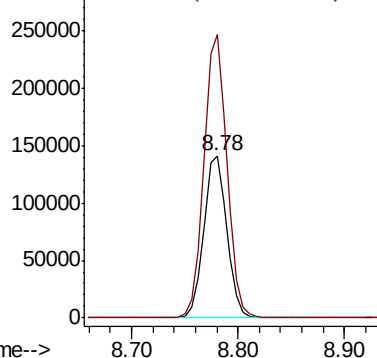
92 100

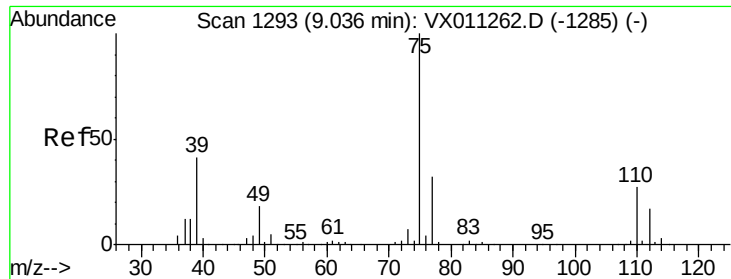
91 174.2 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

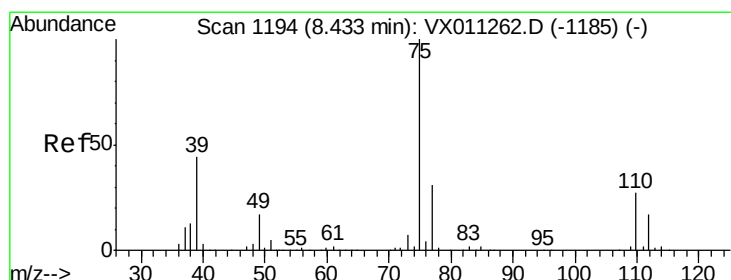
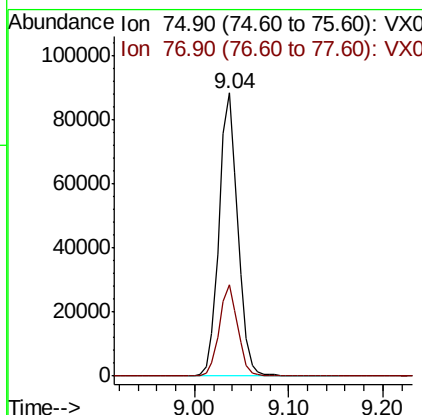
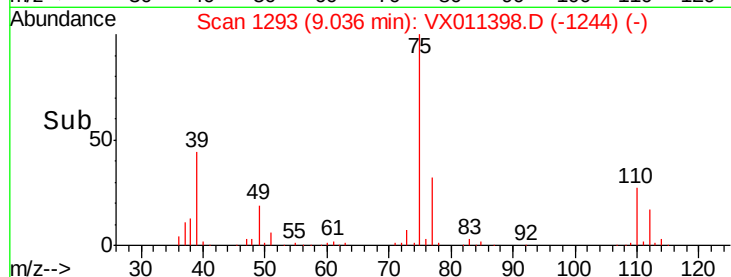
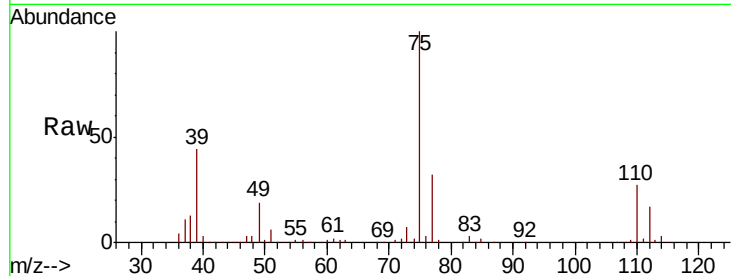




#53
 t-1,3-Dichloropropene
 Concen: 51.000 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

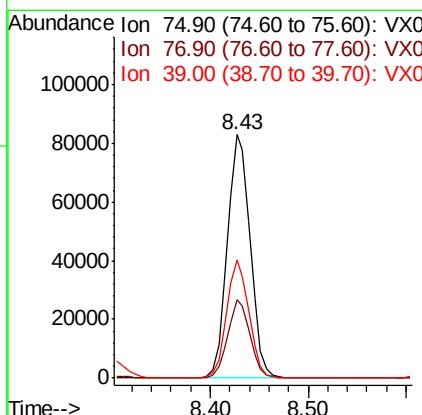
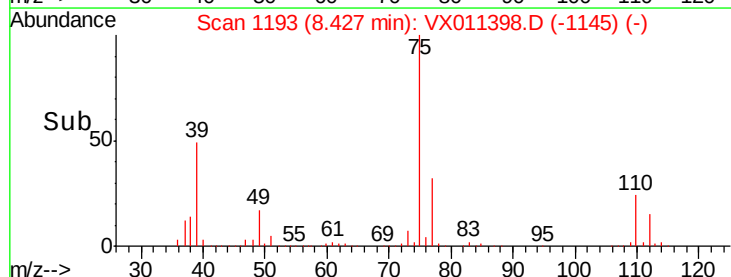
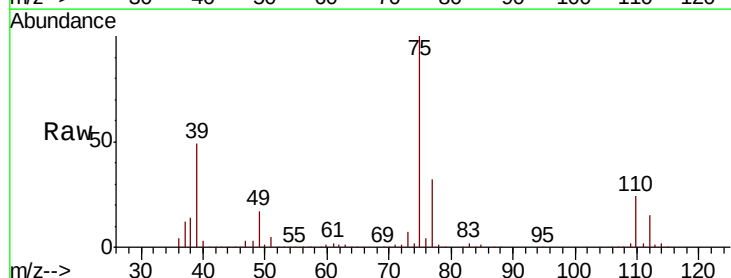
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

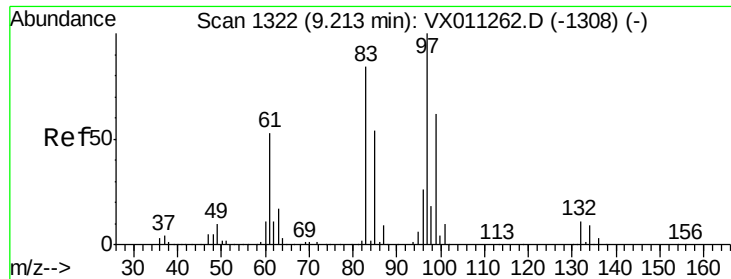
Tgt Ion: 75 Resp: 121879
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.880 ug/l
 RT: 8.43 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 75 Resp: 133788
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6
 39 48.6 35.3 52.9

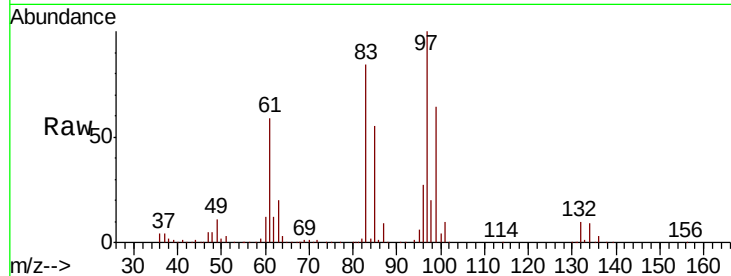




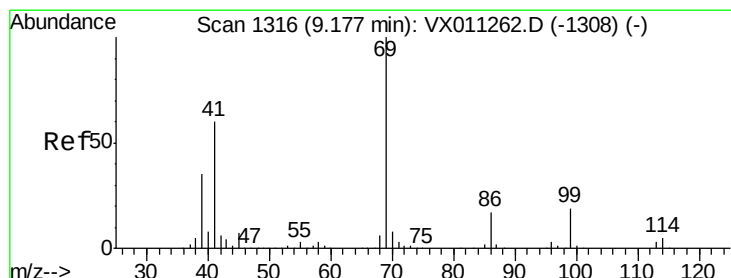
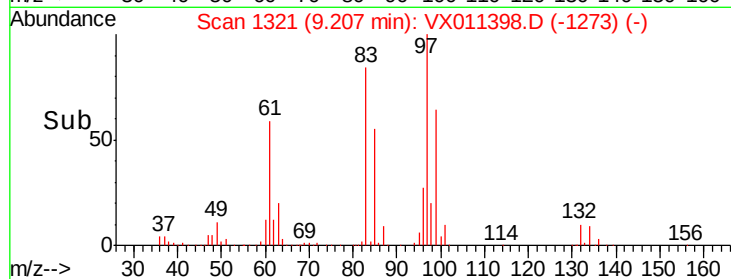
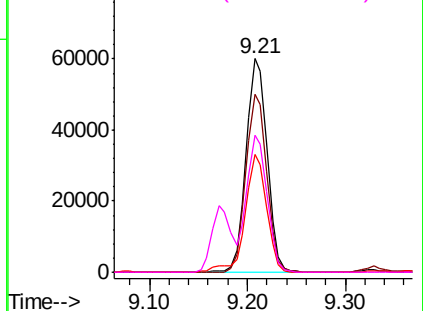
#55
 1,1,2-Trichloroethane
 Concen: 51.625 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	89861
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.6	101.4
85	55.2	43.4	65.0
99	64.3	49.6	74.4

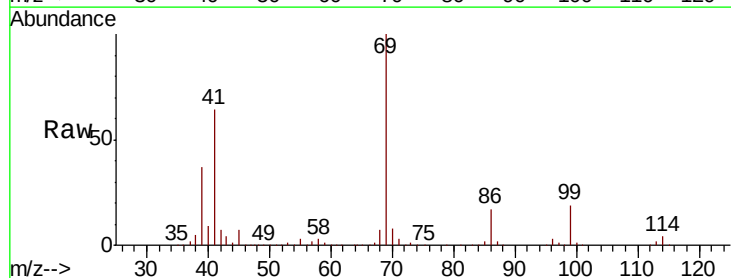


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

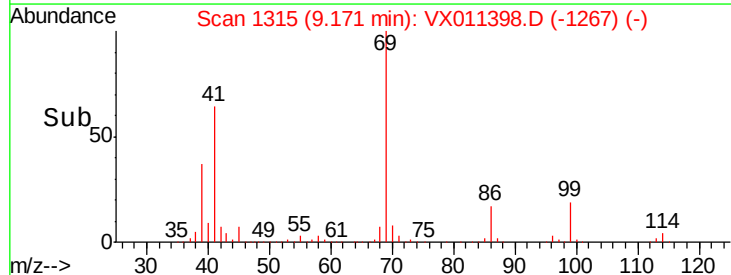
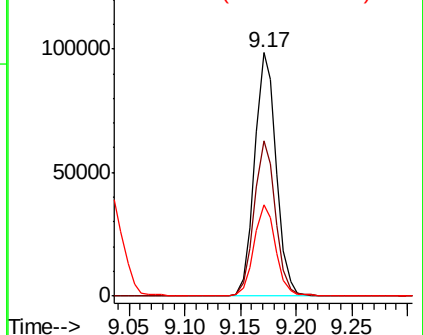


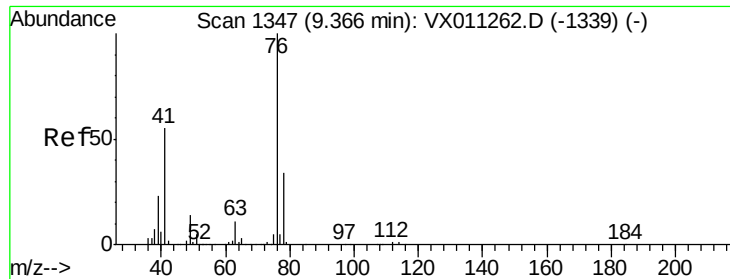
#56
 Ethyl methacrylate
 Concen: 53.939 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion:	69	Resp:	133797
Ion	Ratio	Lower	Upper
69	100		
41	62.8	48.6	73.0
39	37.6	29.4	44.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

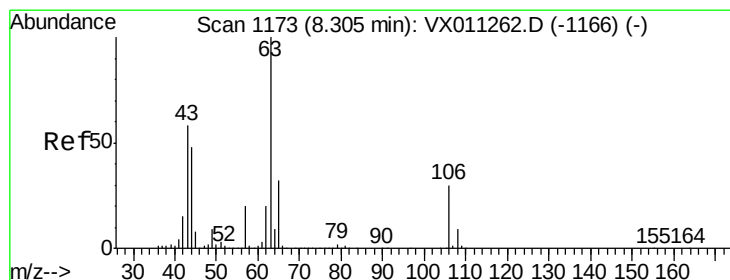
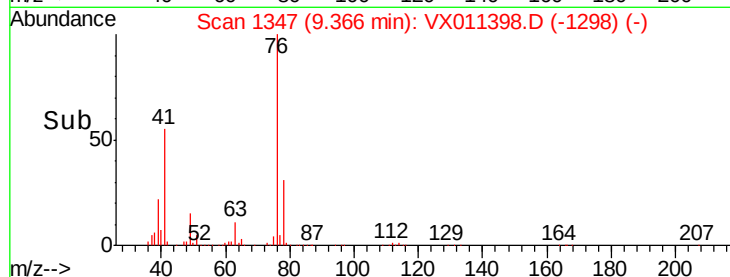
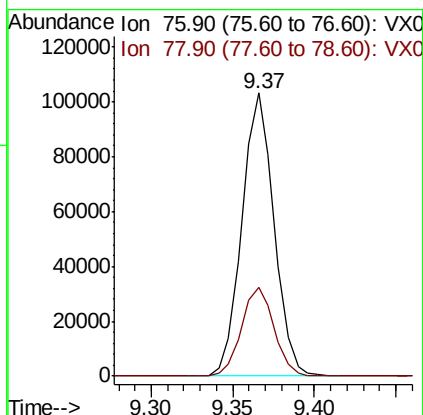
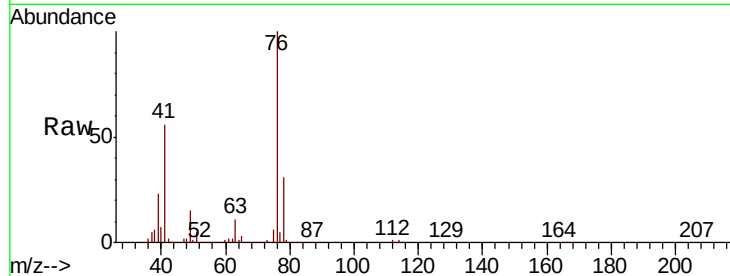




#57
 1,3-Dichloropropane
 Concen: 51.476 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

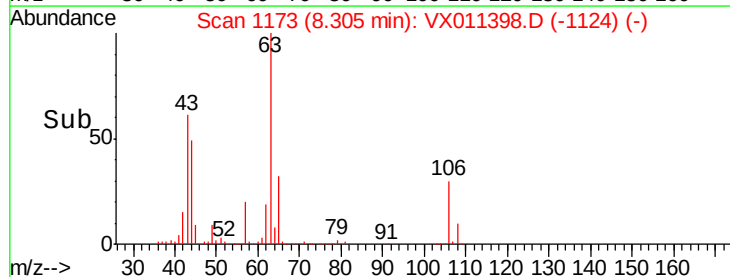
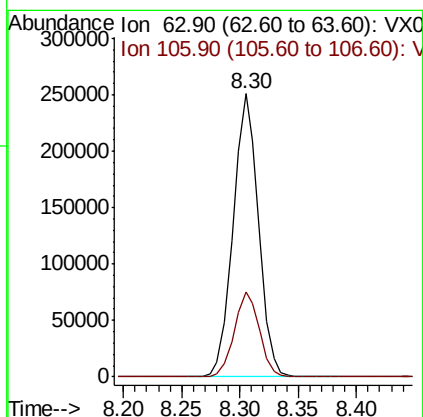
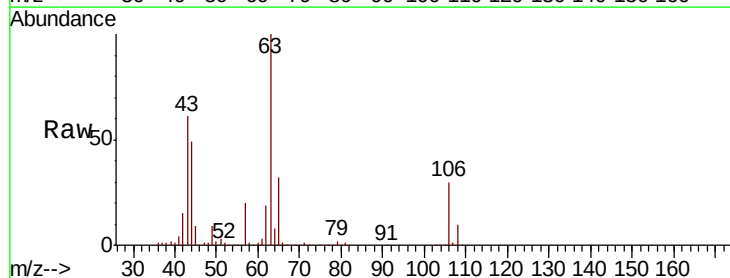
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

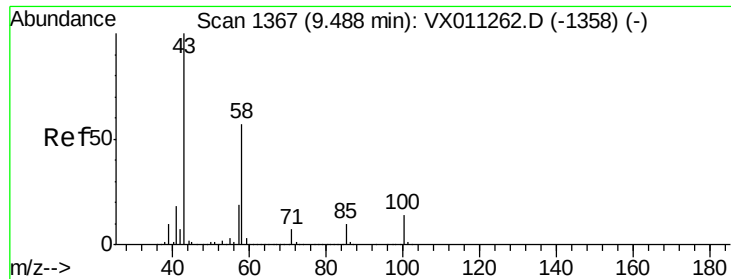
Tgt Ion: 76 Resp: 141703
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 311.171 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 63 Resp: 379519
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.4 36.6

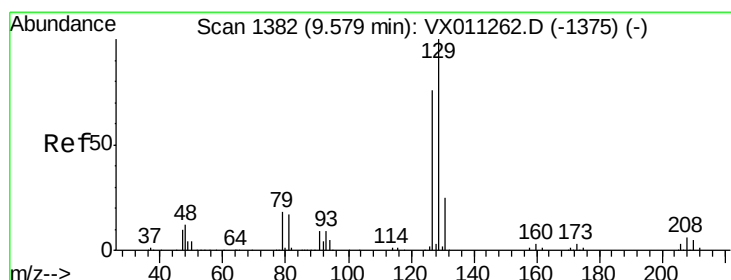
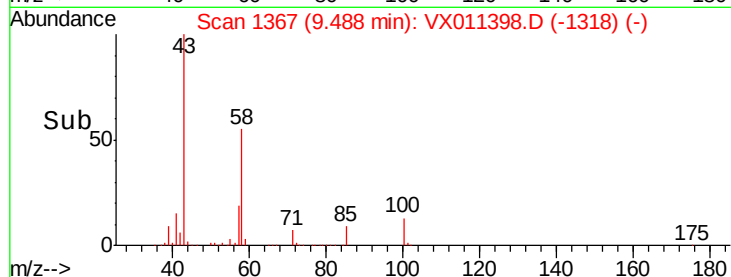
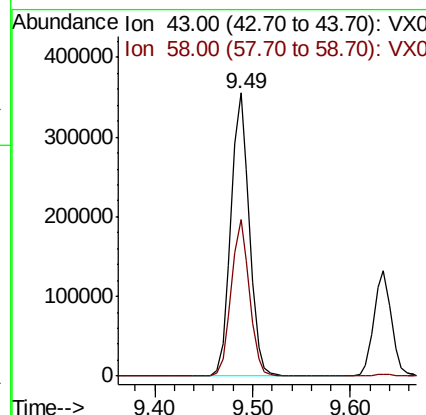
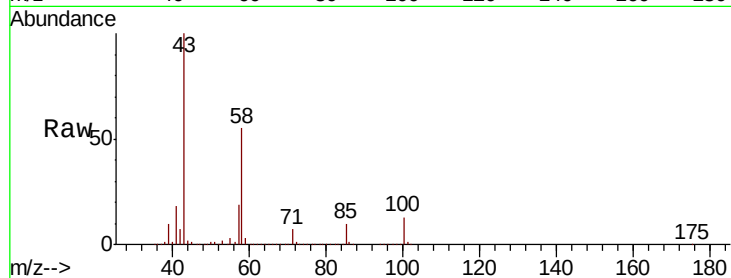




#59
2-Hexanone
Concen: 269.601 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

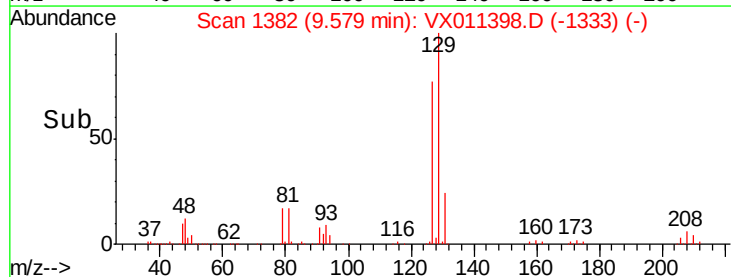
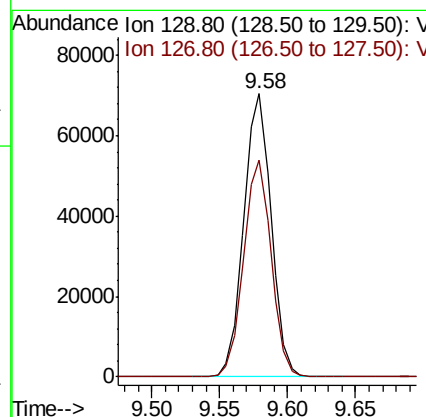
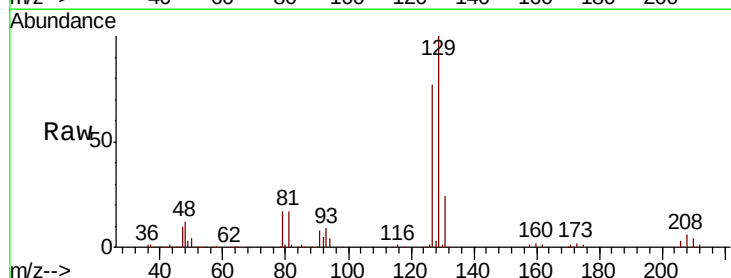
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

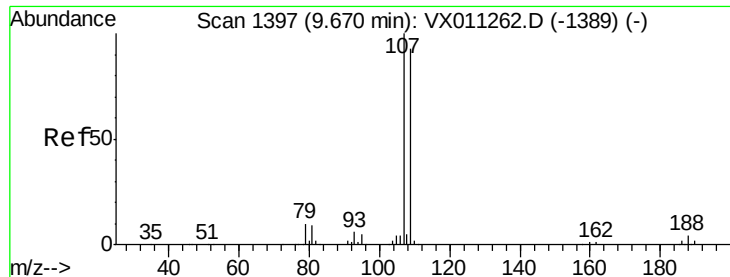
Tgt Ion: 43 Resp: 463748
Ion Ratio Lower Upper
43 100
58 55.0 28.2 84.6



#60
Dibromochloromethane
Concen: 55.817 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 129 Resp: 99471
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.011 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

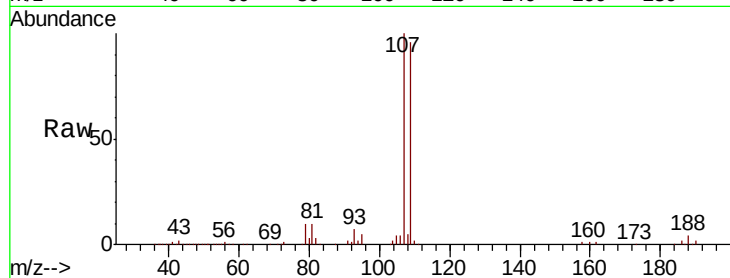
VSTDCCC050

Tgt Ion: 107 Resp: 95930

Ion Ratio Lower Upper

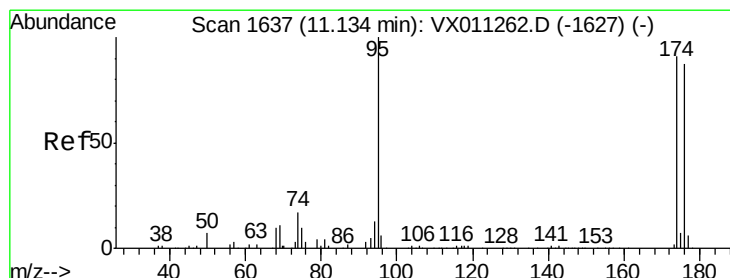
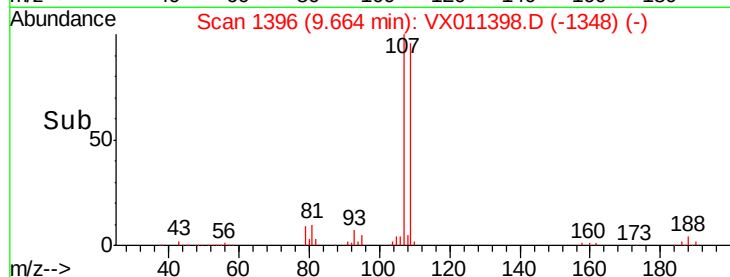
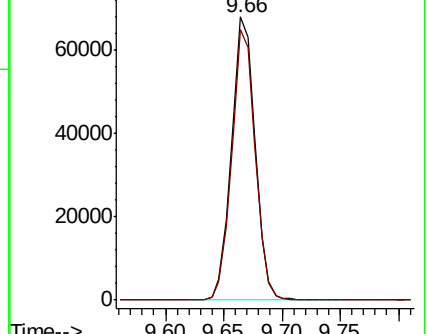
107 100

109 94.9 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.664 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

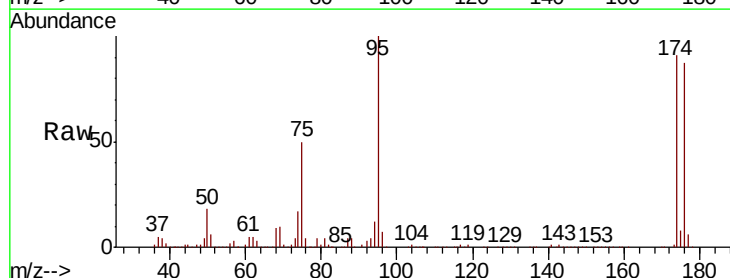
Tgt Ion: 95 Resp: 124693

Ion Ratio Lower Upper

95 100

174 91.1 0.0 191.2

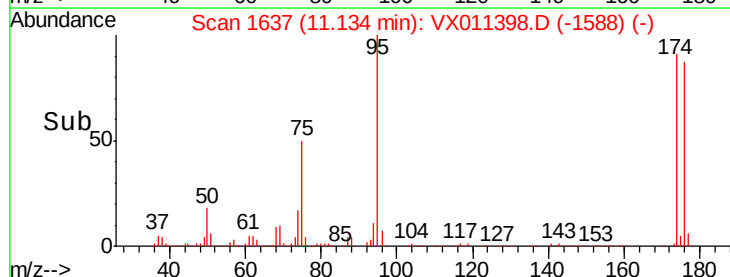
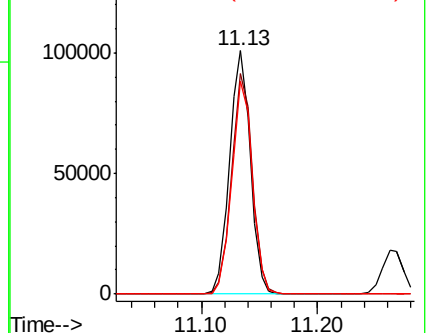
176 87.4 0.0 184.8

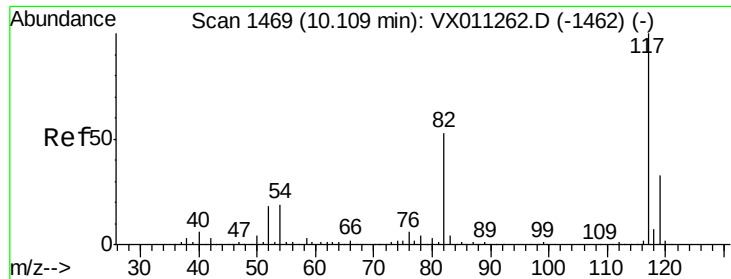


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

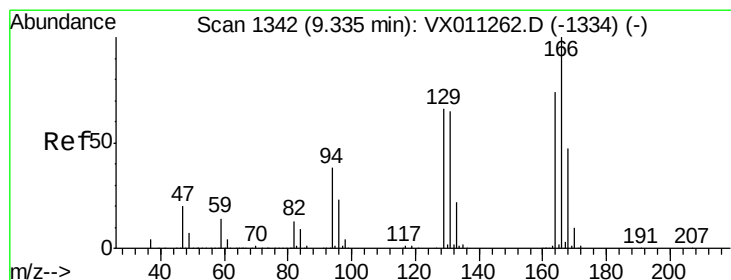
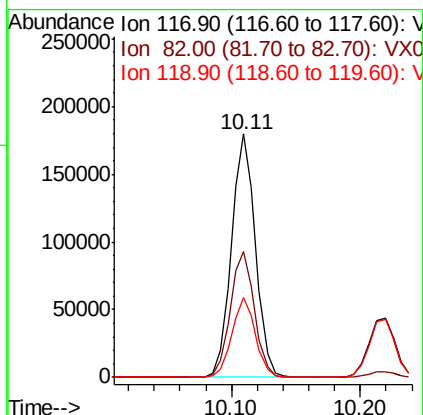
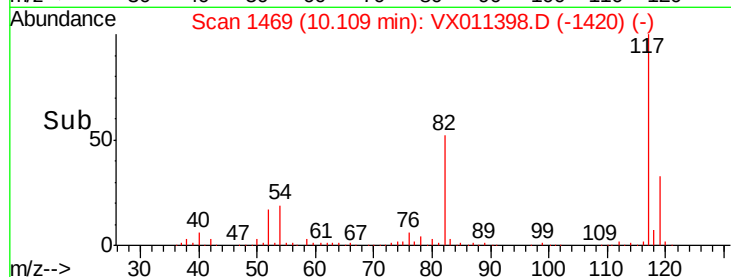
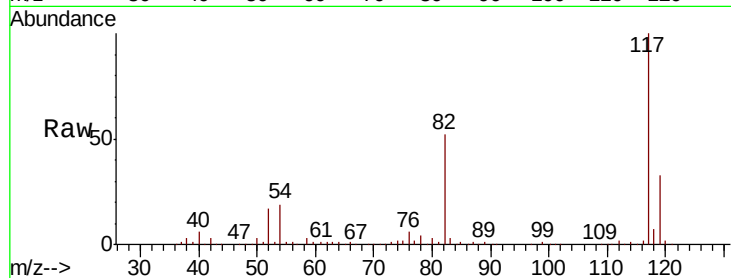




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

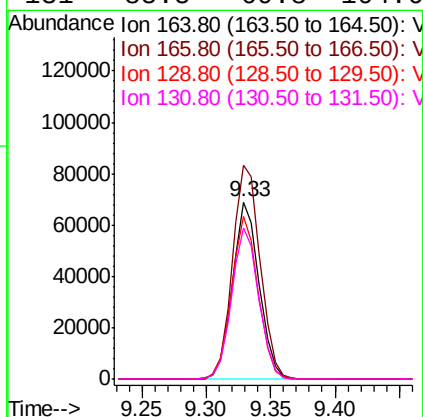
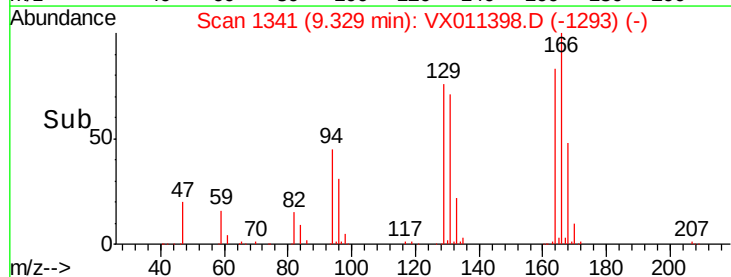
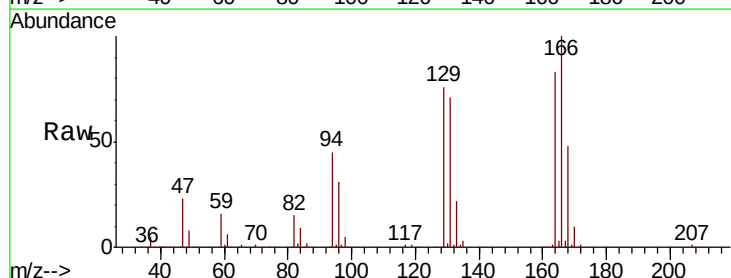
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

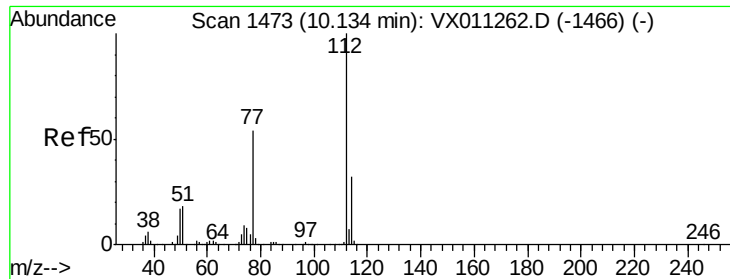
Tgt Ion:117 Resp: 233435
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.2
119 32.9 26.6 39.8



#64
Tetrachloroethene
Concen: 49.990 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion:164 Resp: 99101
Ion Ratio Lower Upper
164 100
166 120.9 107.5 161.3
129 91.8 71.0 106.4
131 85.5 69.8 104.6

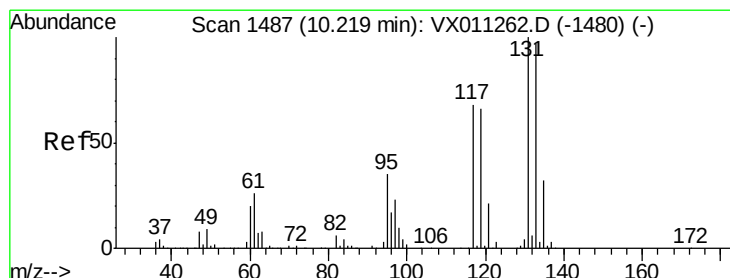
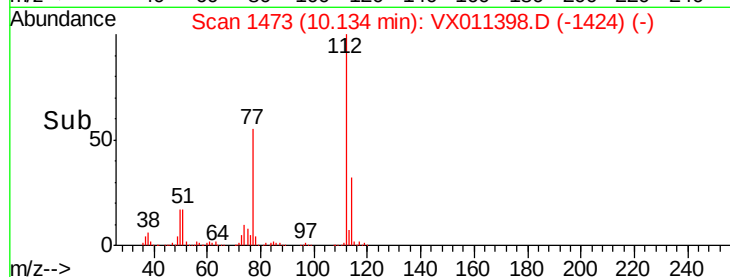
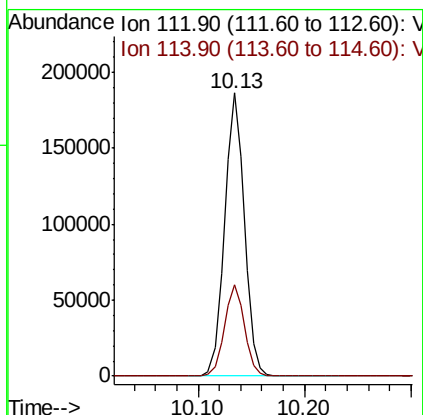
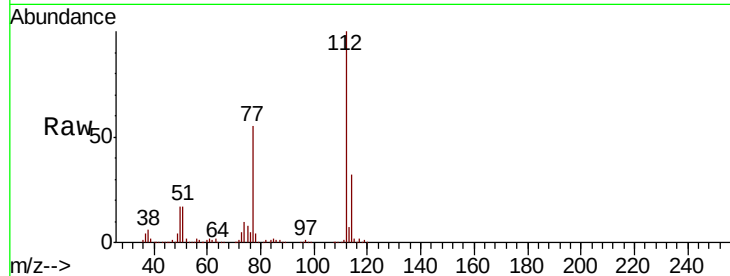




#65
Chlorobenzene
Concen: 48.497 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

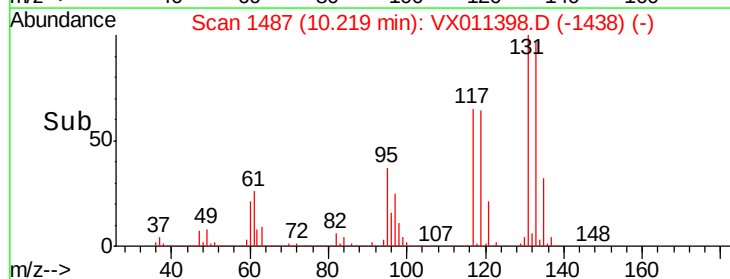
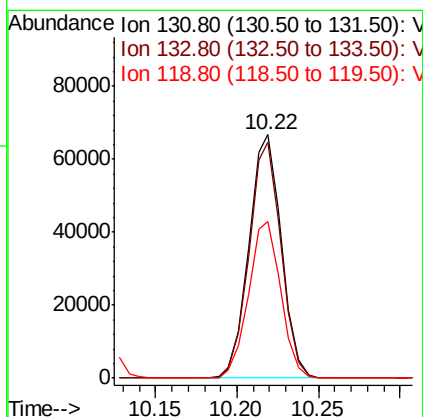
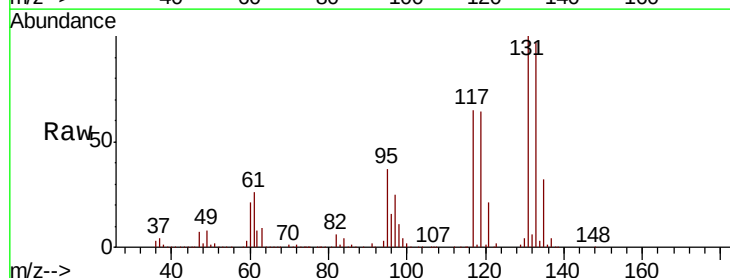
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

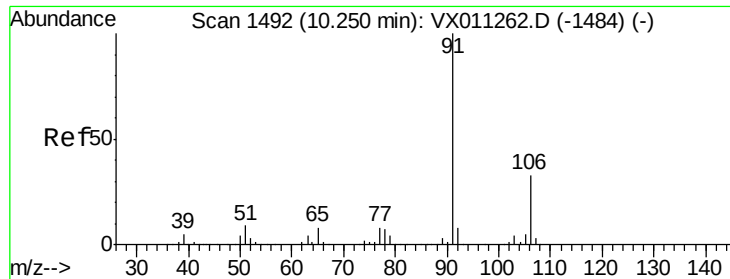
Tgt Ion:112 Resp: 242734
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.843 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion:131 Resp: 92261
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 64.3 32.8 98.3





#67

Ethyl Benzene

Concen: 50.570 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

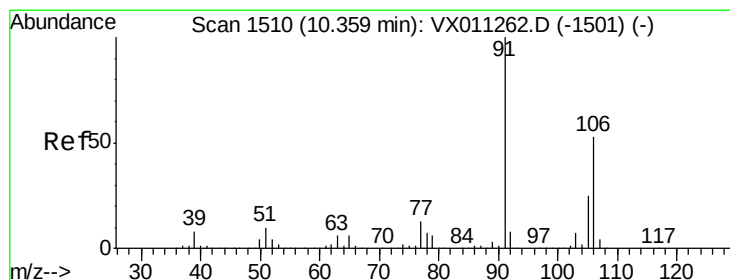
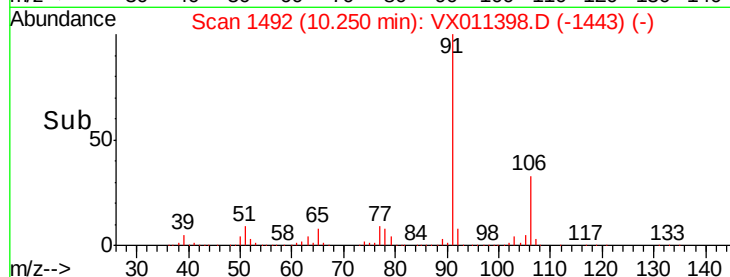
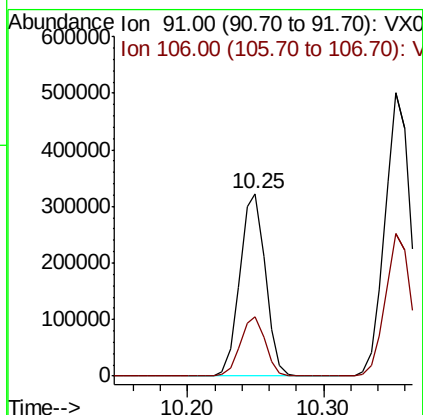
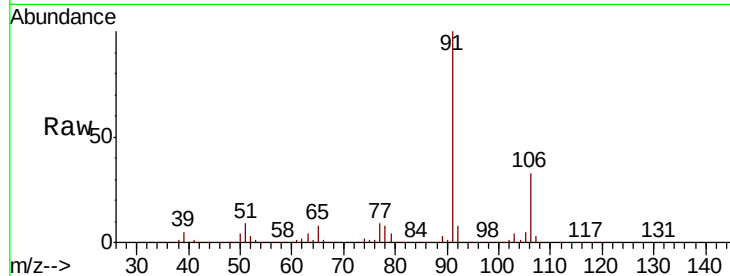
VSTDCCC050

Tgt Ion: 91 Resp: 423894

Ion Ratio Lower Upper

91 100

106 32.5 26.2 39.4



#68

m/p-Xylenes

Concen: 102.373 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011398.D

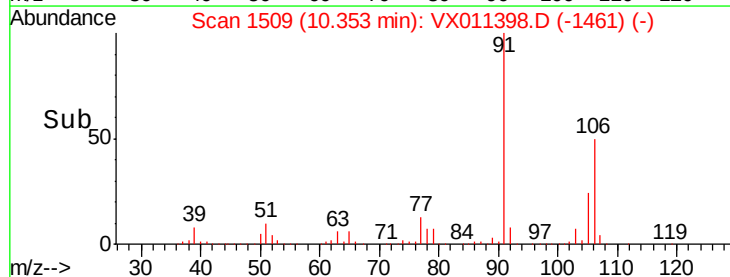
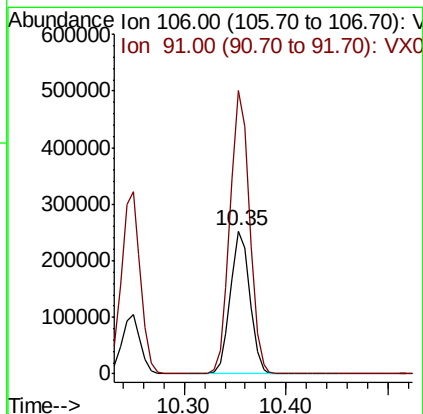
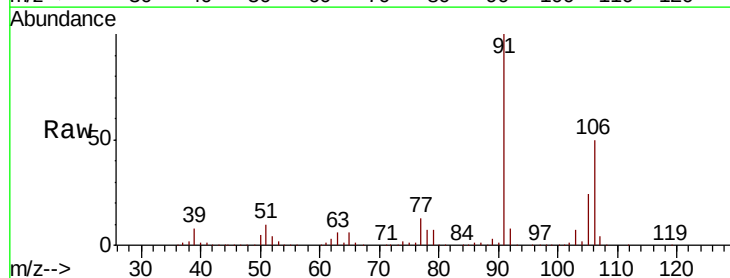
Acq: 09 Aug 2019 09:37

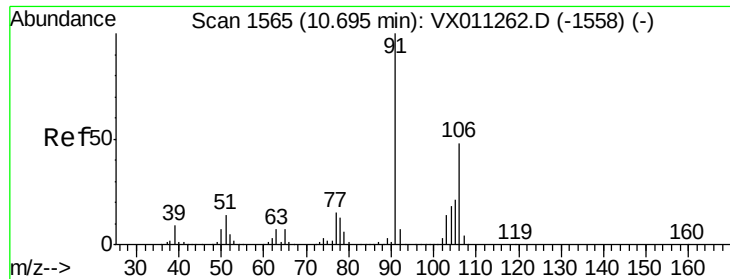
Tgt Ion: 106 Resp: 331924

Ion Ratio Lower Upper

106 100

91 198.7 155.9 233.9

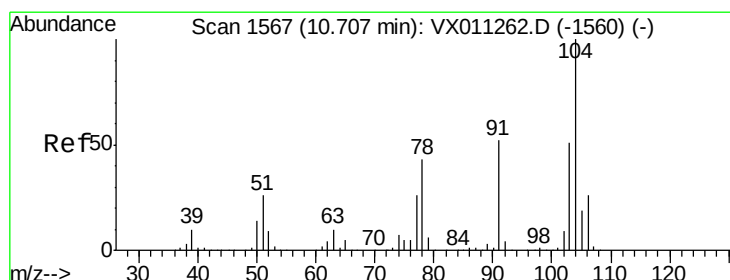
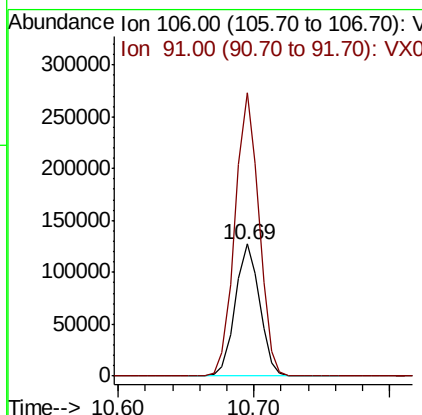
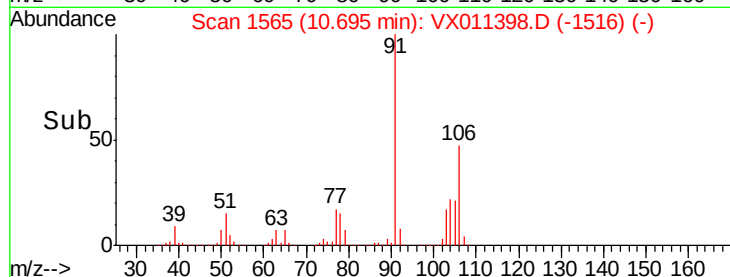
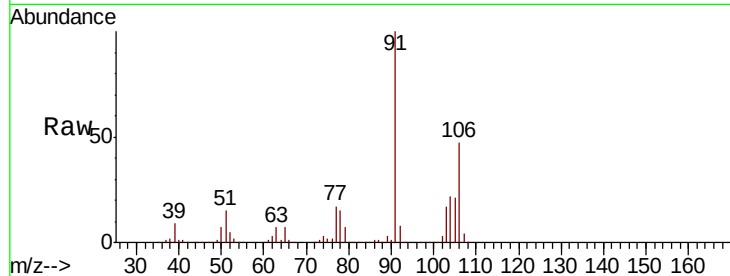




#69
o-Xylene
Concen: 50.084 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

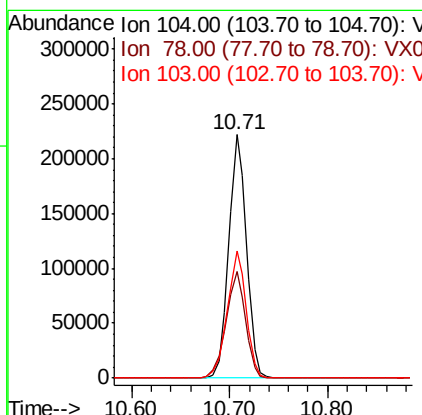
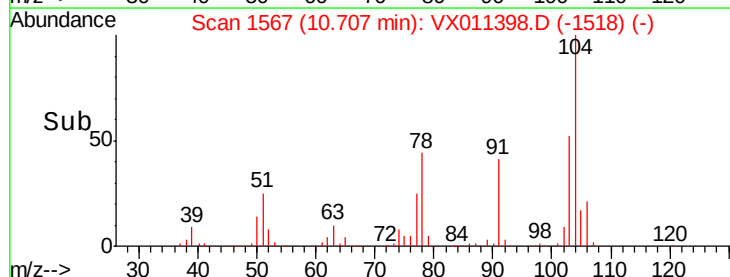
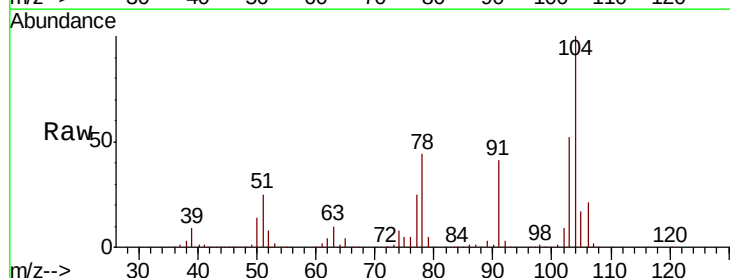
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

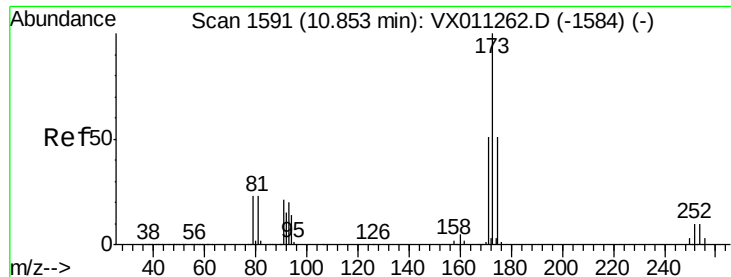
Tgt Ion:106 Resp: 159550
Ion Ratio Lower Upper
106 100
91 210.1 103.8 311.3



#70
Styrene
Concen: 53.092 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion:104 Resp: 279854
Ion Ratio Lower Upper
104 100
78 48.0 36.9 55.3
103 55.5 44.4 66.6





#71

Bromoform

Concen: 48.870 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

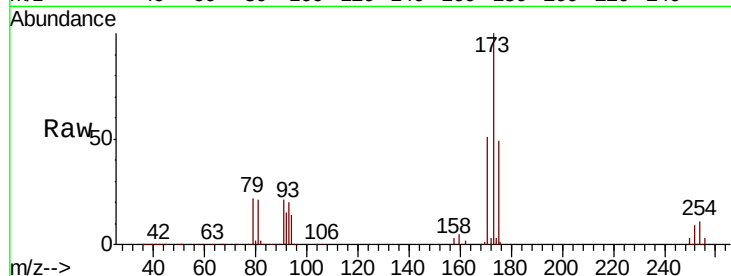
Tgt Ion:173 Resp: 74770

Ion Ratio Lower Upper

173 100

175 49.6 24.4 73.4

254 0.0 0.2 0.2#

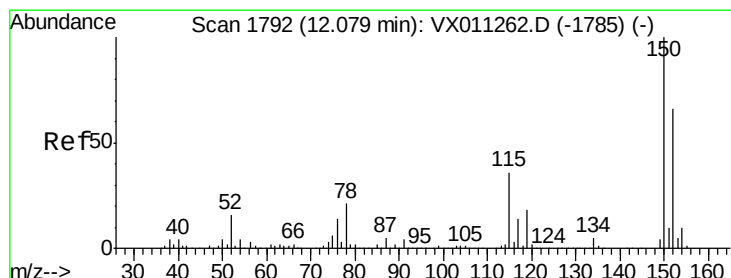
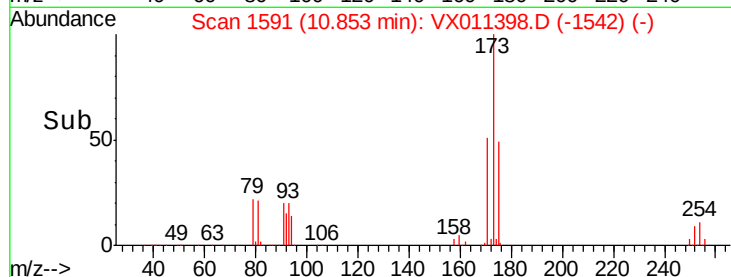
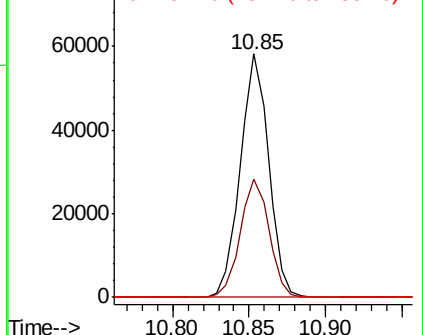


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

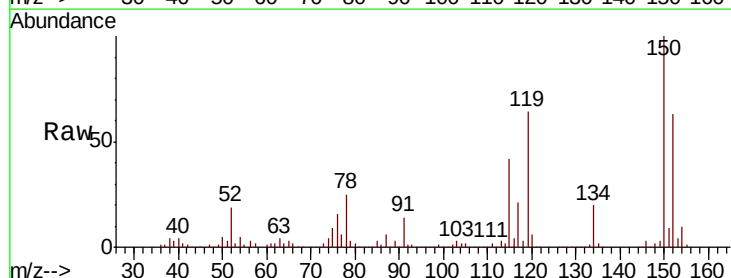
Tgt Ion:152 Resp: 127829

Ion Ratio Lower Upper

152 100

115 82.1 40.0 119.9

150 173.5 0.0 350.4

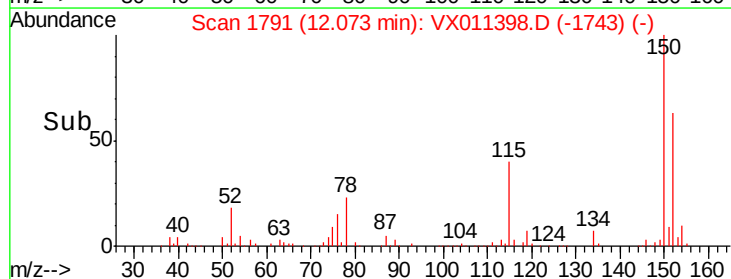
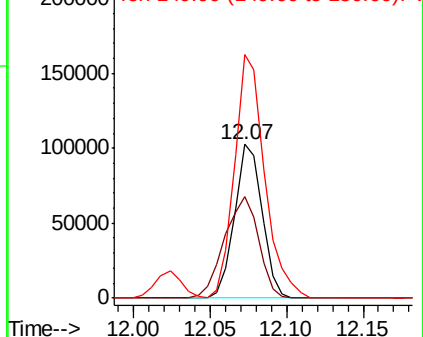


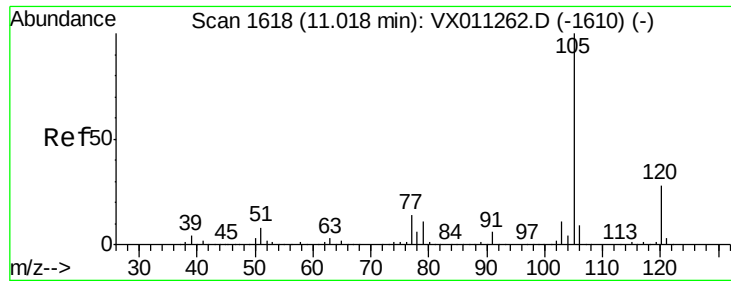
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

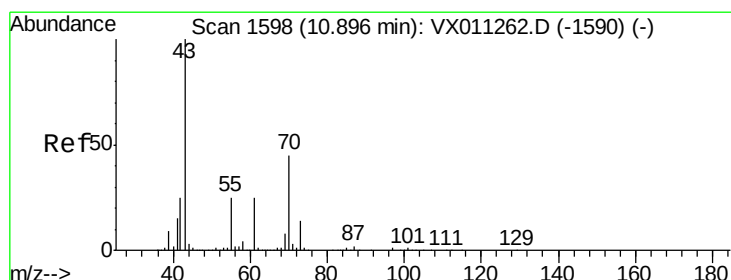
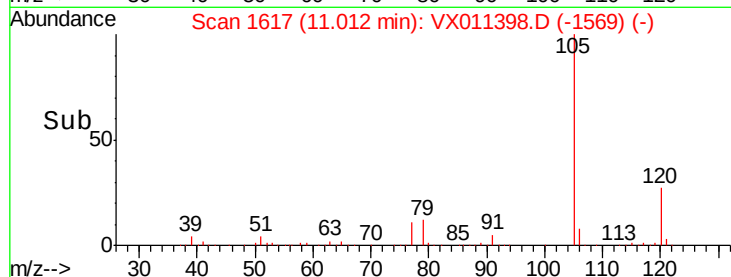
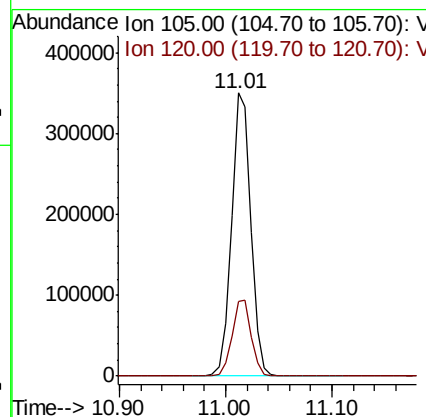
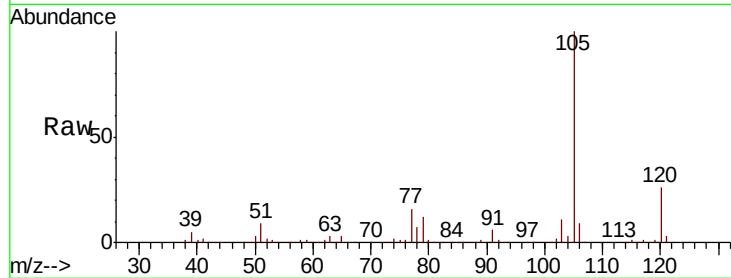




#73
Isopropylbenzene
Concen: 50.523 ug/l
RT: 11.01 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

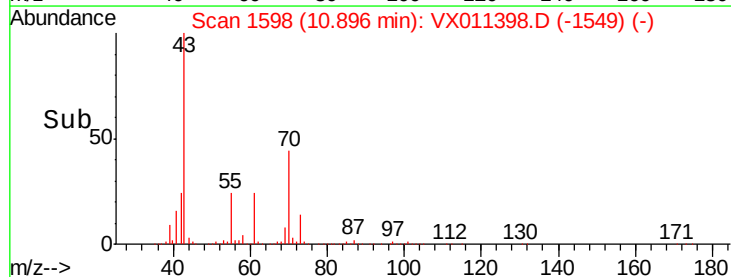
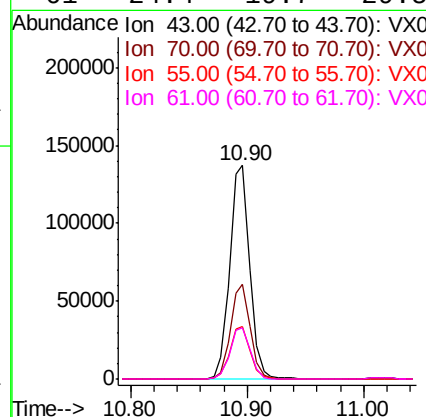
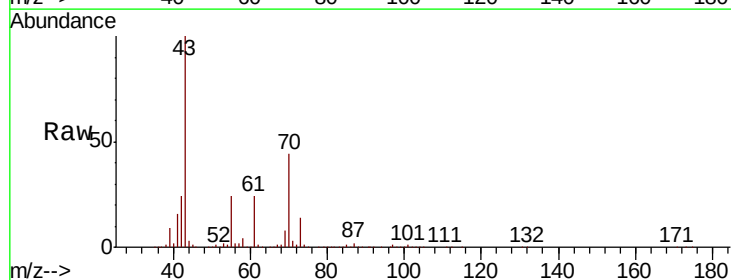
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

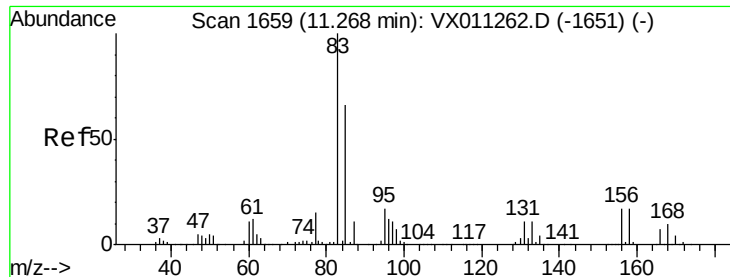
Tgt Ion: 105 Resp: 441703
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.1



#74
N-ethyl acetate
Concen: 51.601 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 43 Resp: 163006
Ion Ratio Lower Upper
43 100
70 43.4 35.9 53.9
55 24.8 19.8 29.6
61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.286 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

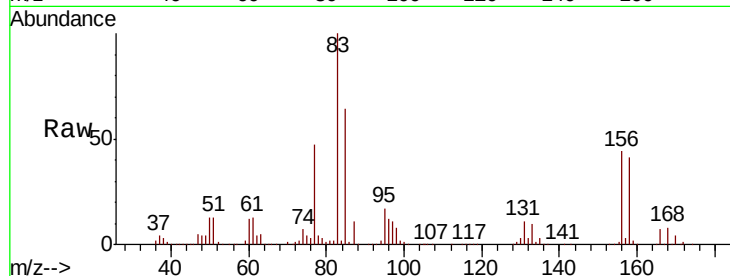
Tgt Ion: 83 Resp: 137766

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

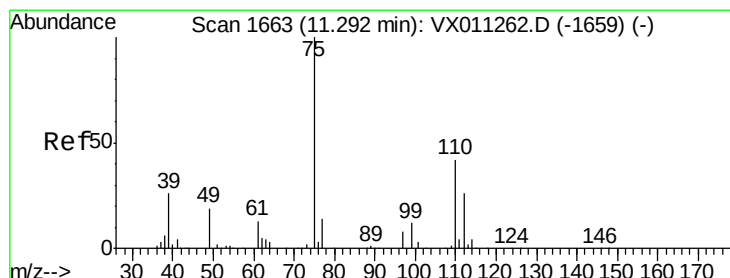
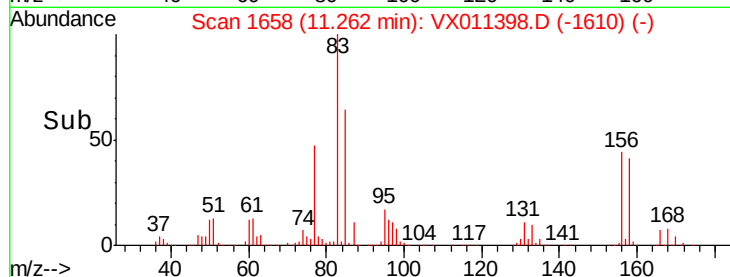
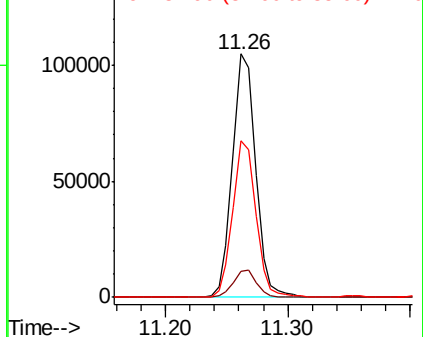
85 64.7 32.1 96.5



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: 65.562 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011398.D

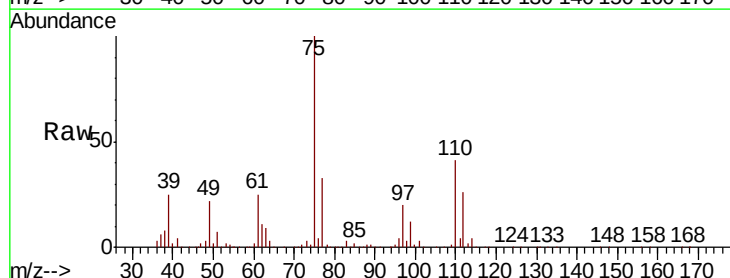
Acq: 09 Aug 2019 09:37

Tgt Ion: 75 Resp: 152624

Ion Ratio Lower Upper

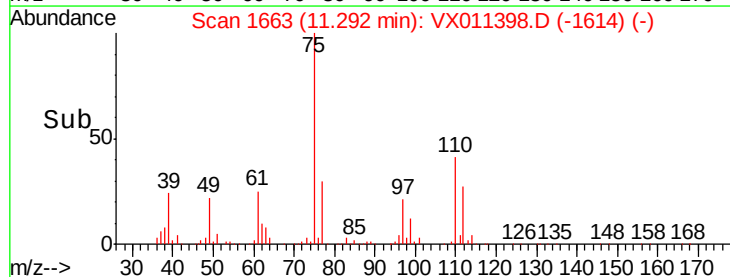
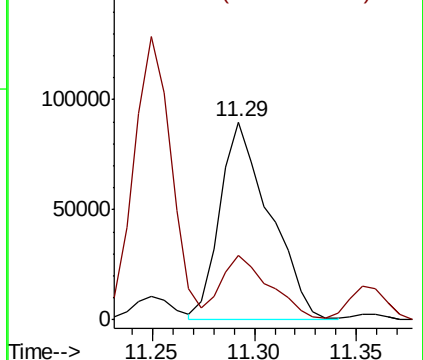
75 100

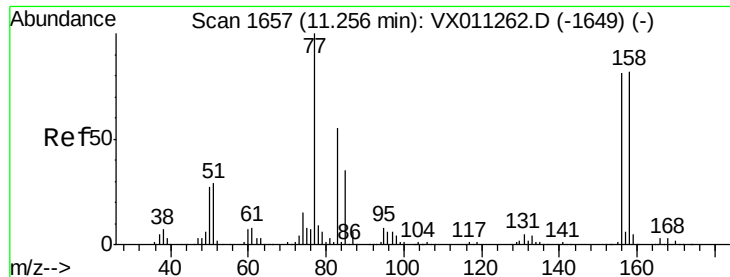
77 31.9 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.034 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

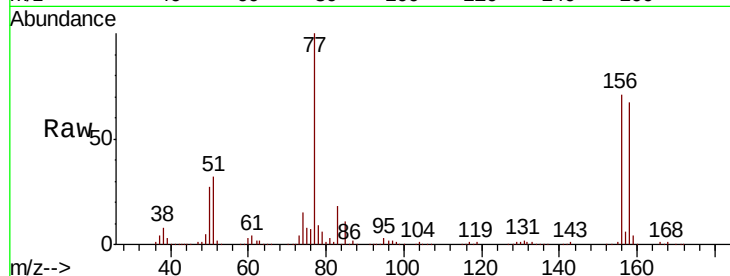
Tgt Ion:156 Resp: 118871

Ion Ratio Lower Upper

156 100

77 138.1 66.2 198.6

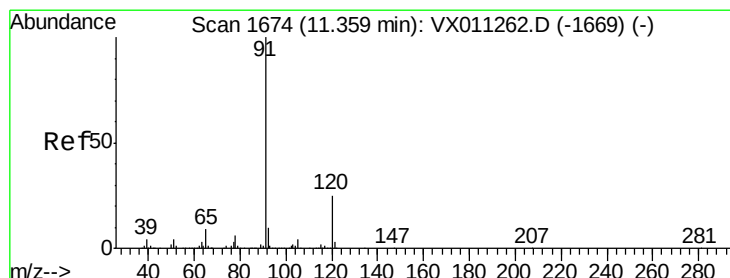
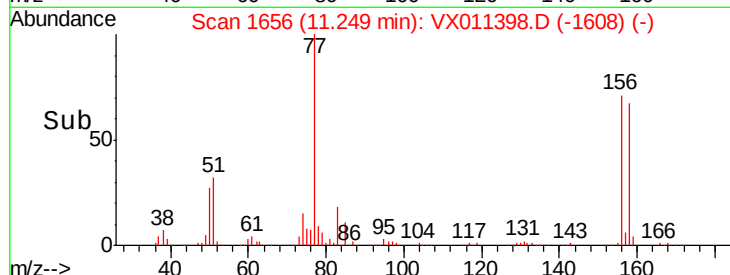
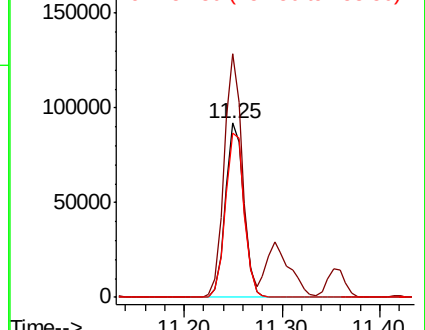
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.333 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011398.D

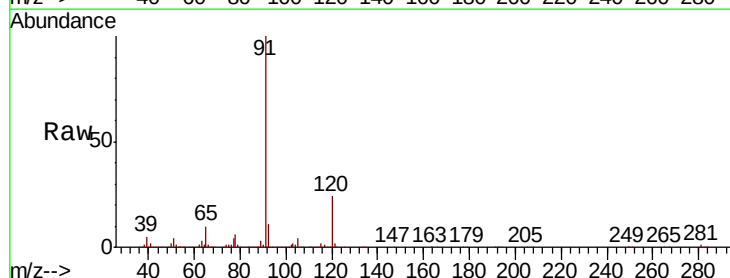
Acq: 09 Aug 2019 09:37

Tgt Ion: 91 Resp: 499074

Ion Ratio Lower Upper

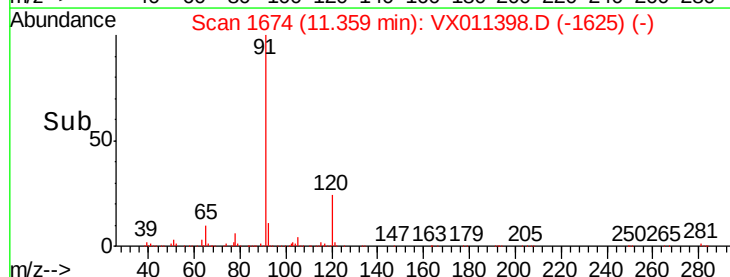
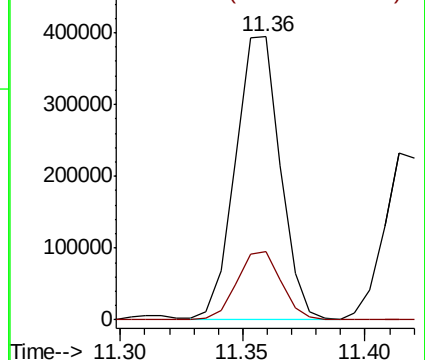
91 100

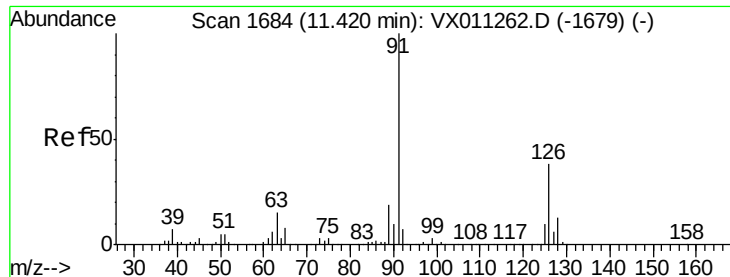
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

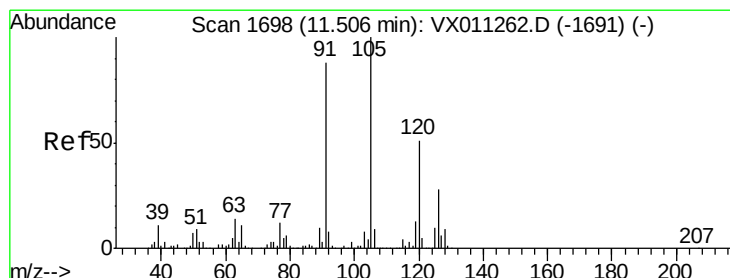
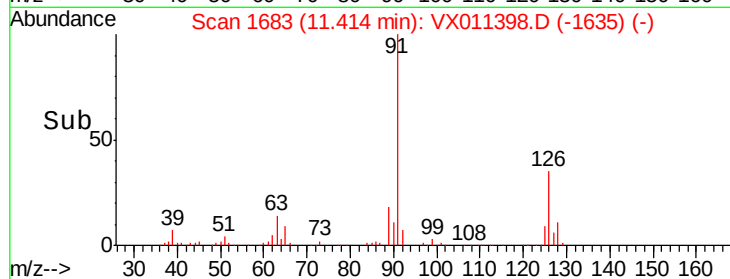
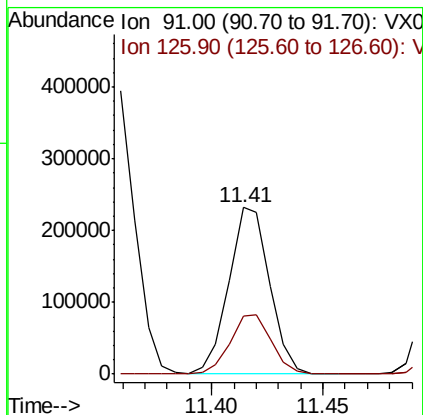
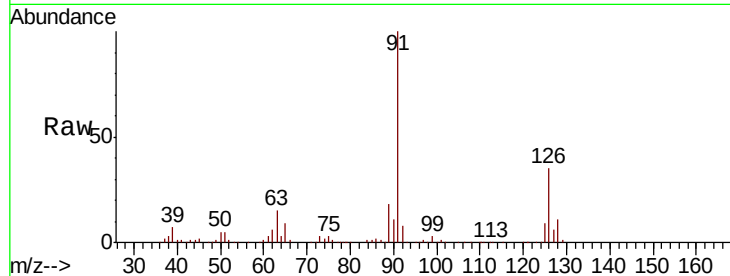




#79
 2-Chlorotoluene
 Concen: 50.924 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

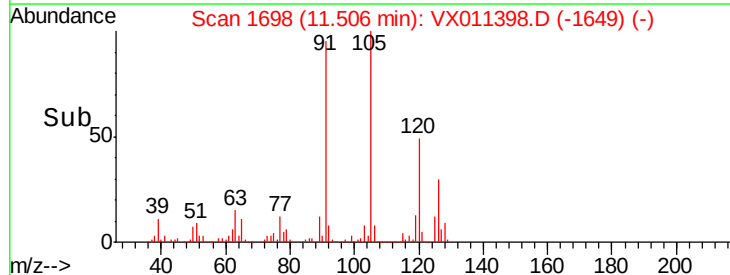
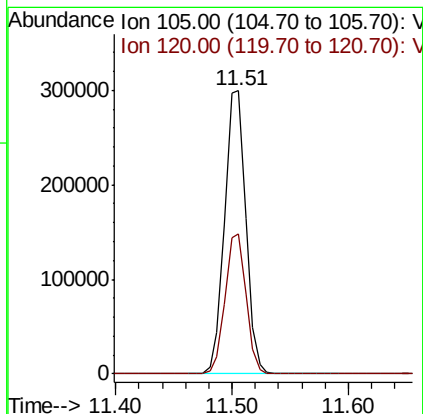
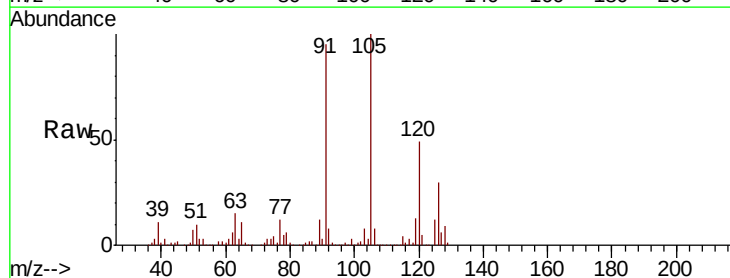
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

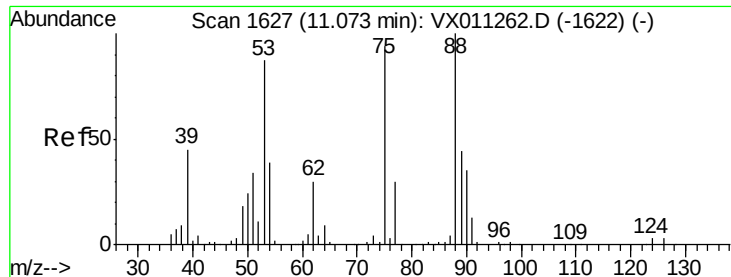
Tgt Ion: 91 Resp: 295095
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.506 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 105 Resp: 376942
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.932 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

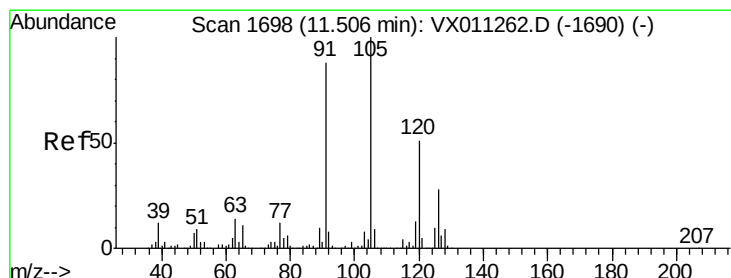
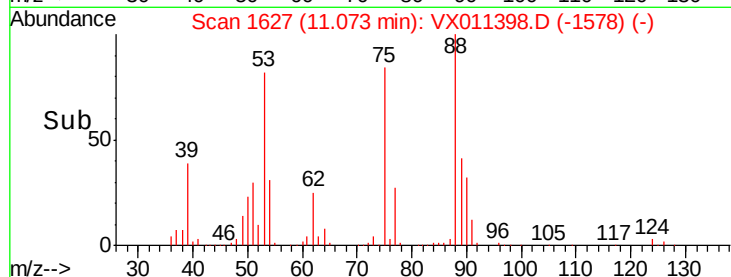
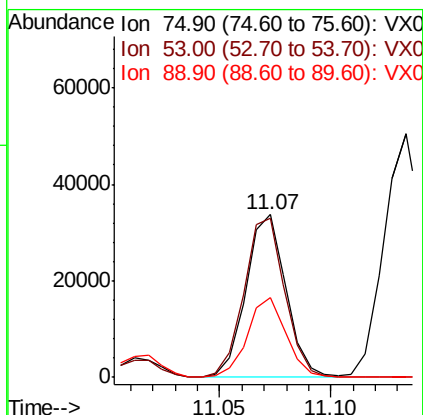
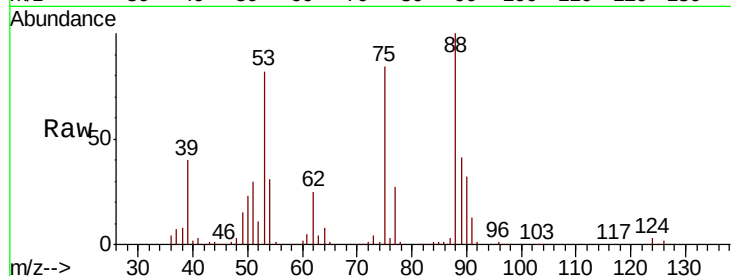
Tgt Ion: 75 Resp: 41607

Ion Ratio Lower Upper

75 100

53 102.1 78.2 117.4

89 48.4 37.9 56.9



#82

4-Chlorotoluene

Concen: 51.763 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011398.D

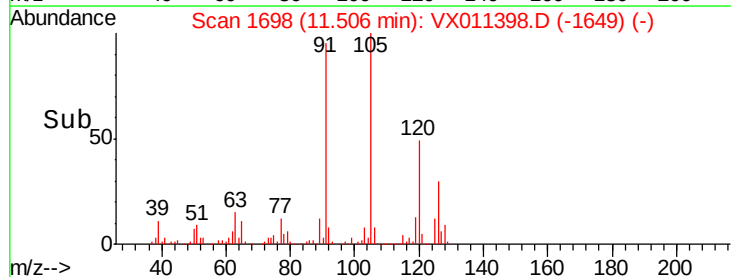
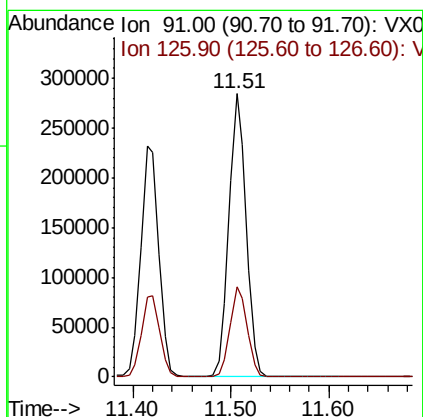
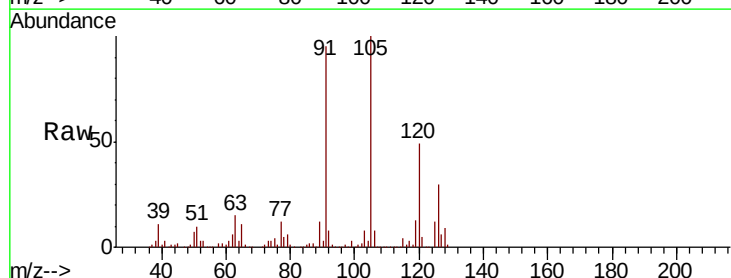
Acq: 09 Aug 2019 09:37

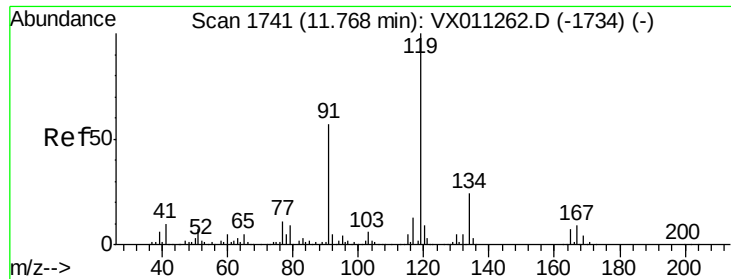
Tgt Ion: 91 Resp: 349578

Ion Ratio Lower Upper

91 100

126 31.7 16.4 49.2

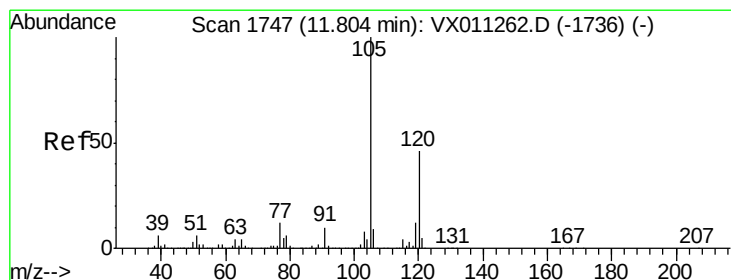
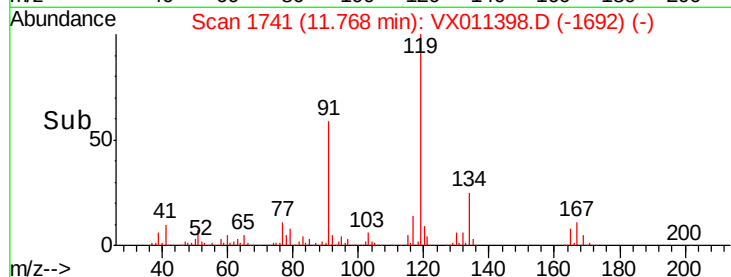
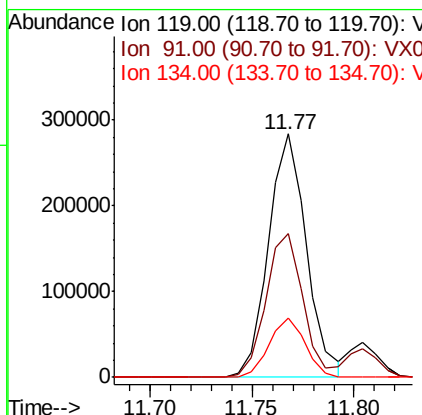
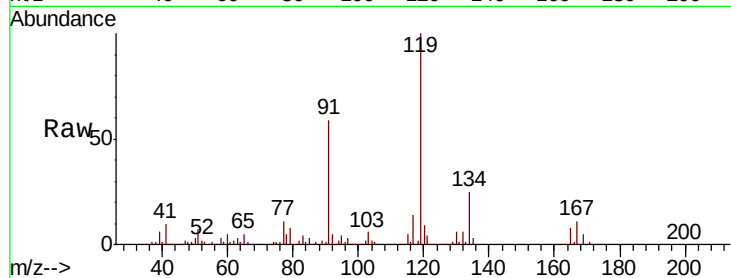




#83
 tert-Butylbenzene
 Concen: 51.221 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

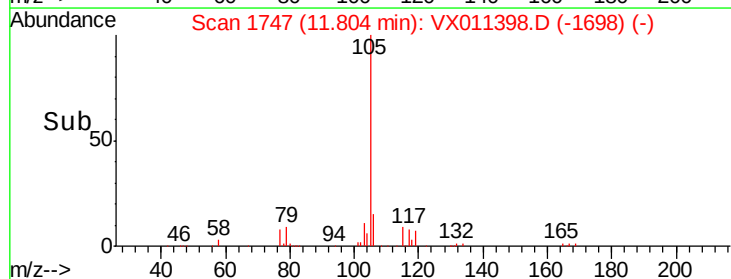
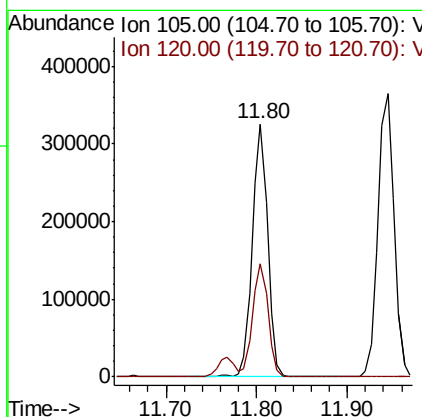
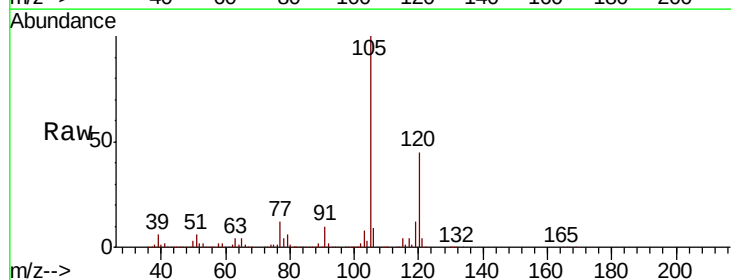
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

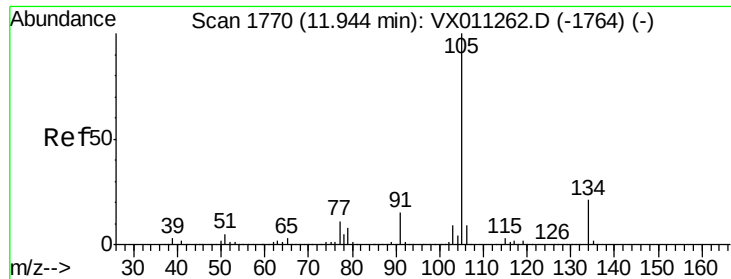
Tgt Ion:119 Resp: 367657
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.0 84.0
 134 23.5 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.429 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion:105 Resp: 382023
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.089 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

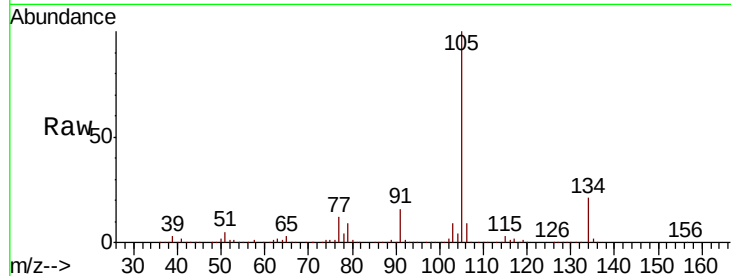
VSTDCCC050

Tgt Ion:105 Resp: 449207

Ion Ratio Lower Upper

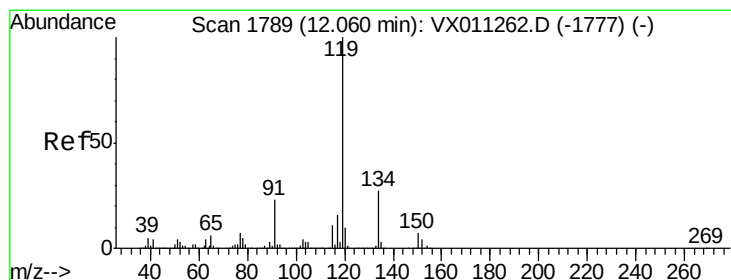
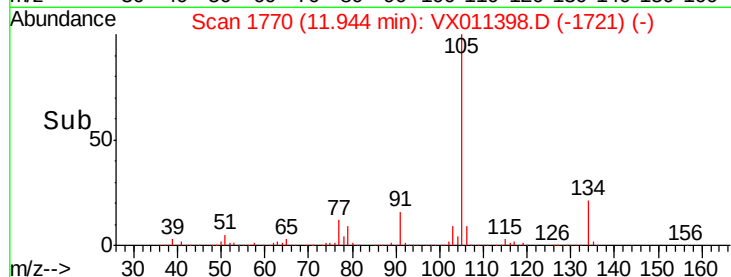
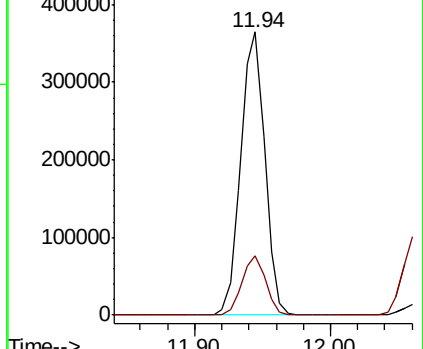
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.443 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011398.D

Acq: 09 Aug 2019 09:37

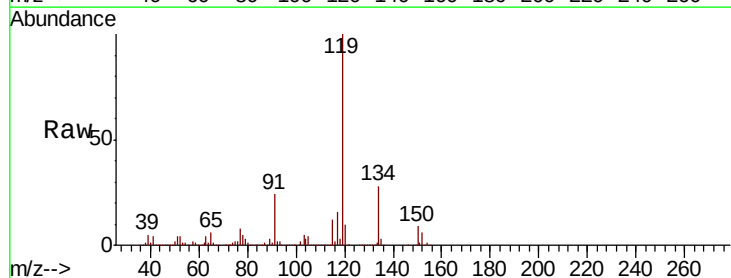
Tgt Ion:119 Resp: 416065

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

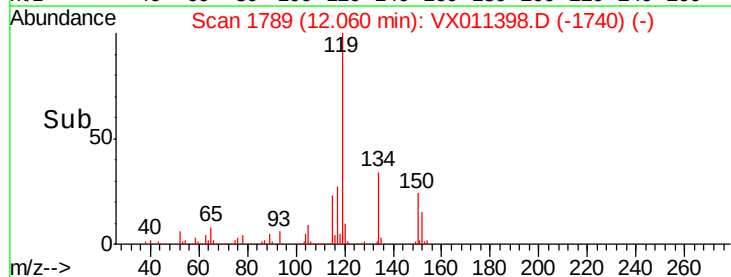
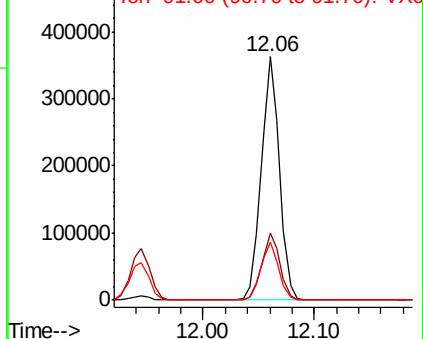
91 23.5 11.4 34.2

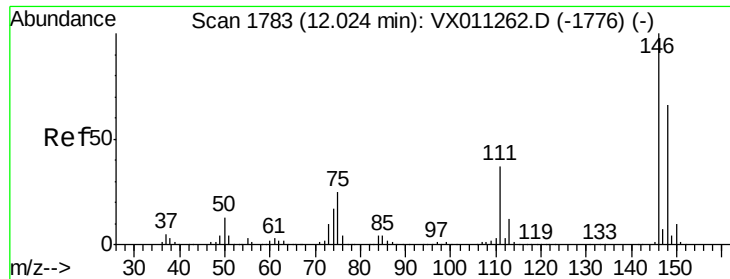


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

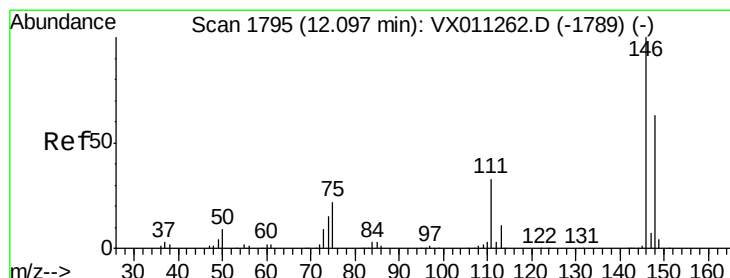
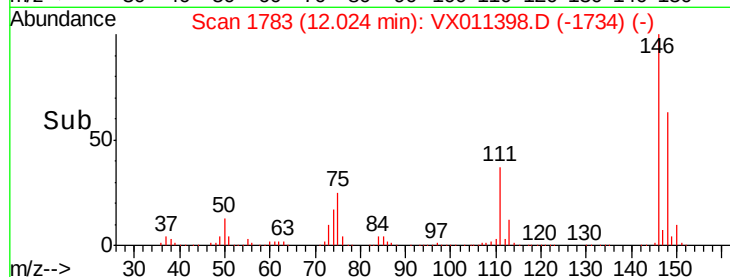
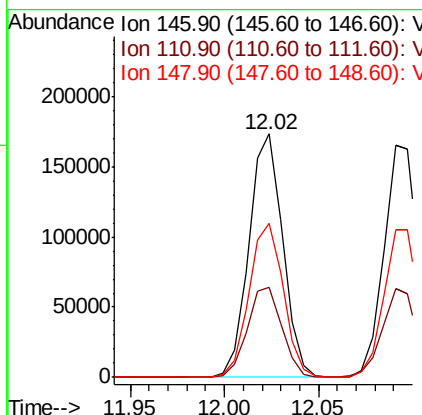
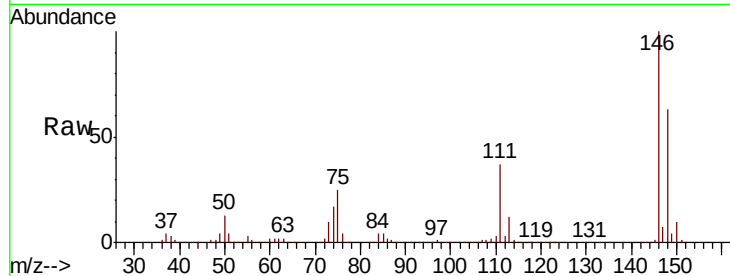




#87
 1,3-Dichlorobenzene
 Concen: 50.314 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

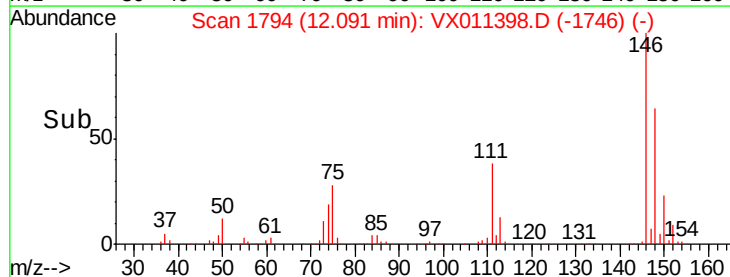
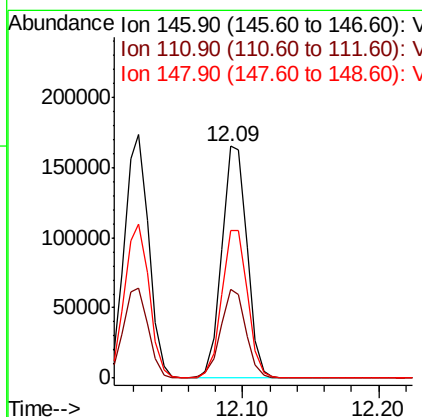
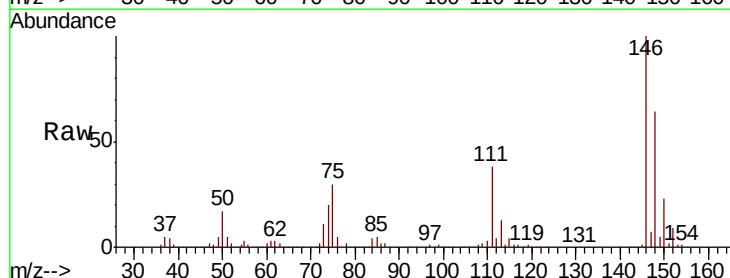
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

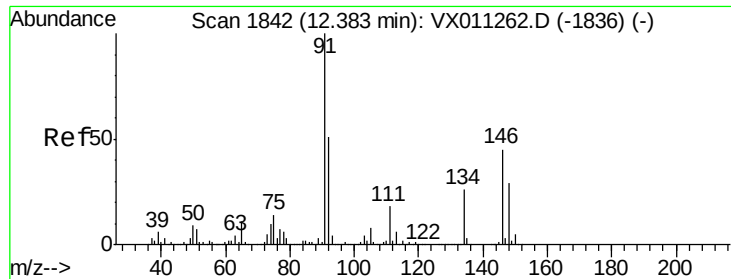
Tgt Ion:146 Resp: 215518
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.8
 148 64.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 48.154 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion:146 Resp: 212696
 Ion Ratio Lower Upper
 146 100
 111 37.9 17.8 53.4
 148 65.1 31.8 95.3

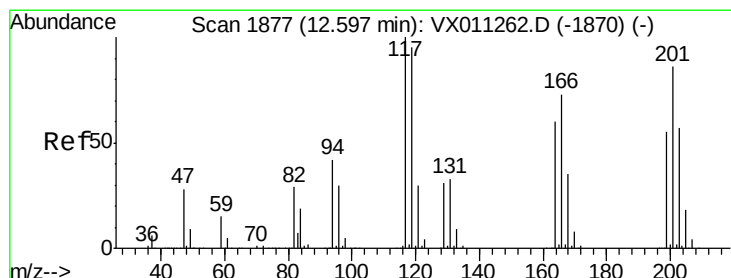
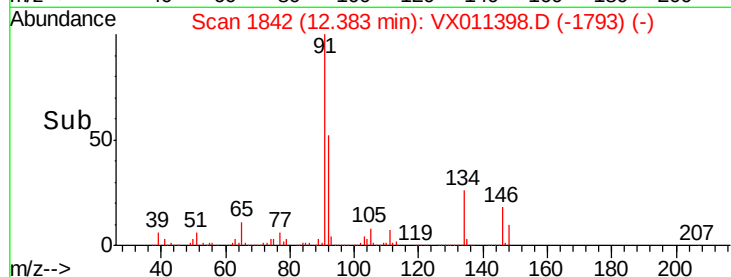
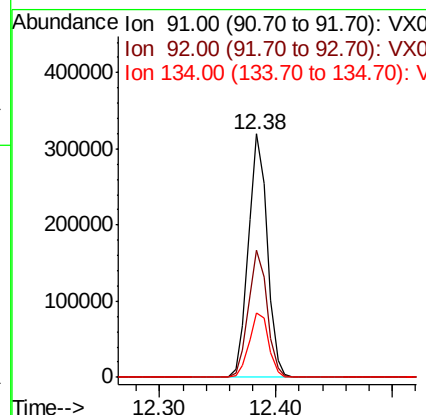
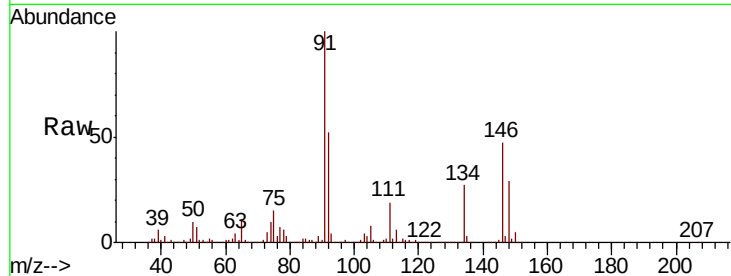




#89
n-Butylbenzene
Concen: 53.015 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

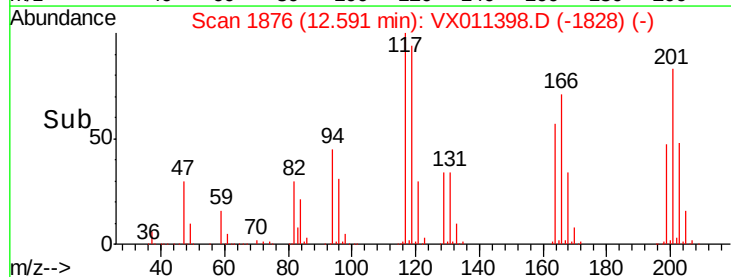
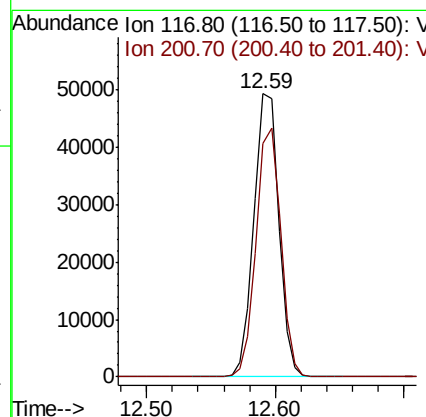
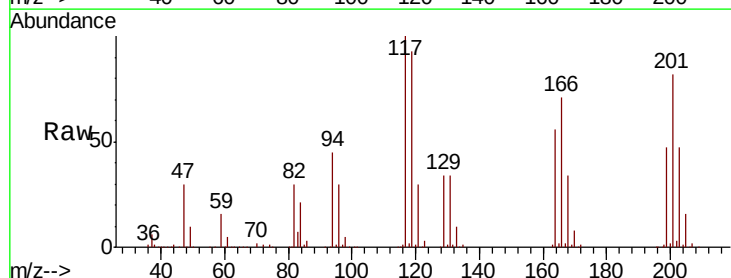
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

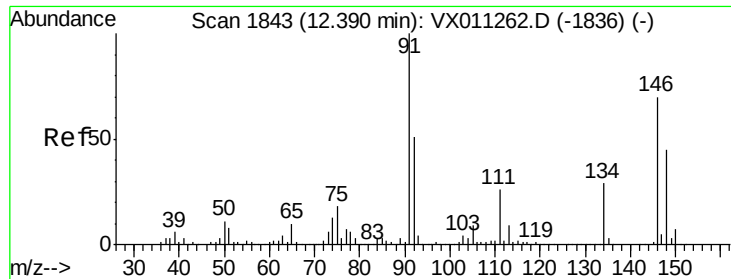
Tgt Ion: 91 Resp: 362364
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.3
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 55.891 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion: 117 Resp: 65556
Ion Ratio Lower Upper
117 100
201 86.8 41.8 125.4

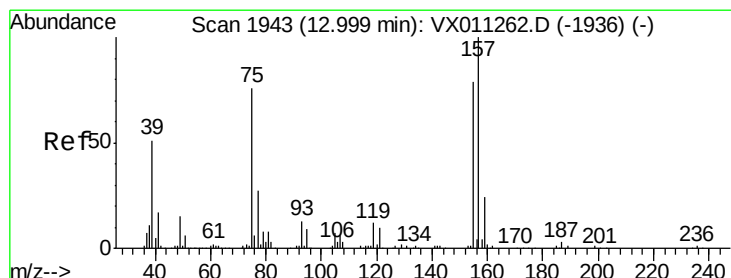
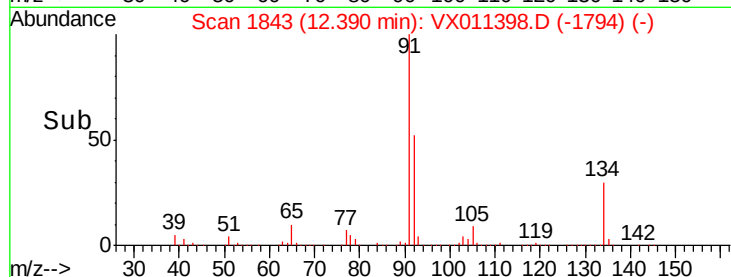
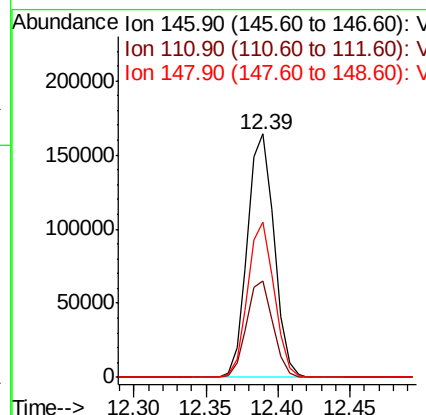
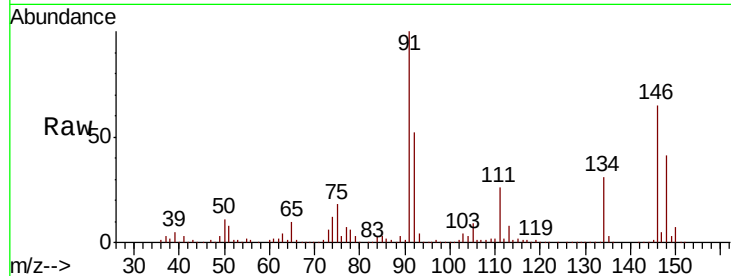




#91
 1,2-Dichlorobenzene
 Concen: 48.874 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

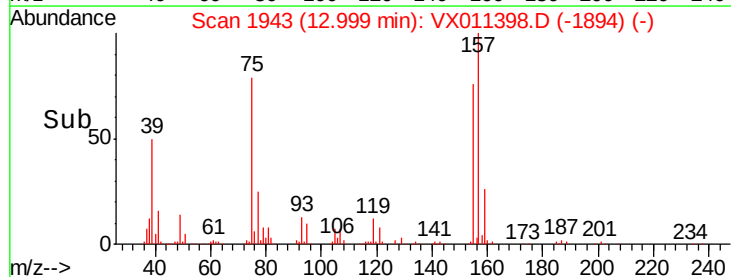
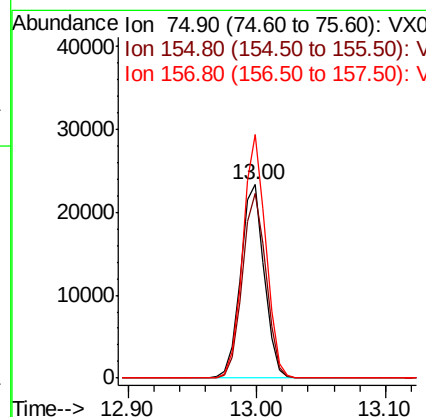
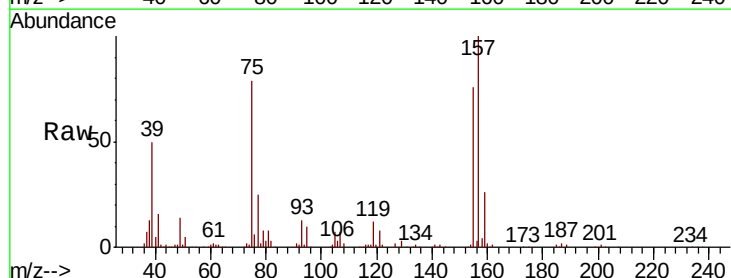
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

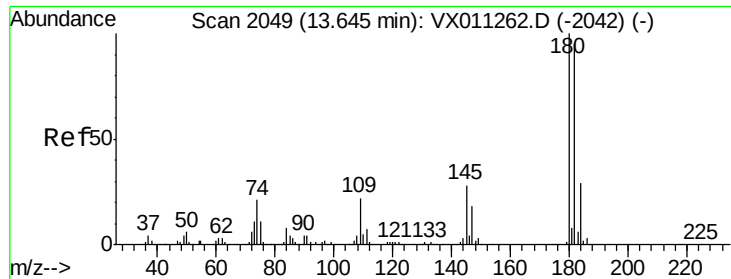
Tgt Ion: 146 Resp: 210351
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.1
 148 63.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.962 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion: 75 Resp: 29895
 Ion Ratio Lower Upper
 75 100
 155 94.7 51.9 155.8
 157 120.3 64.3 192.7

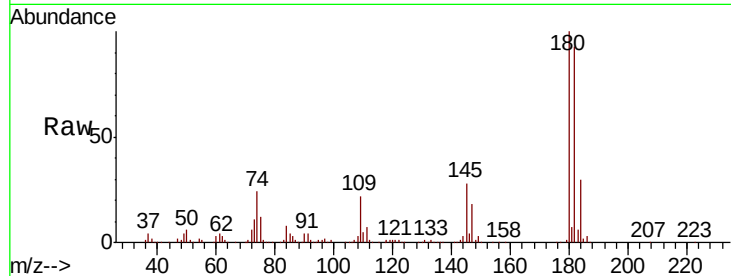




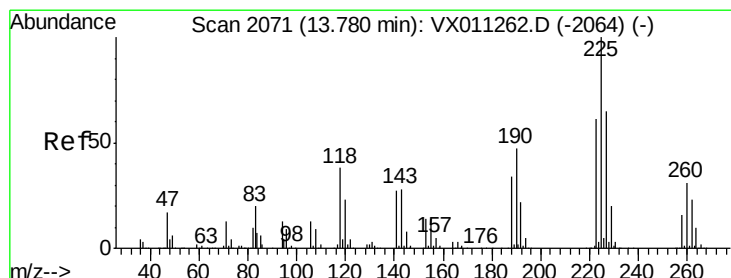
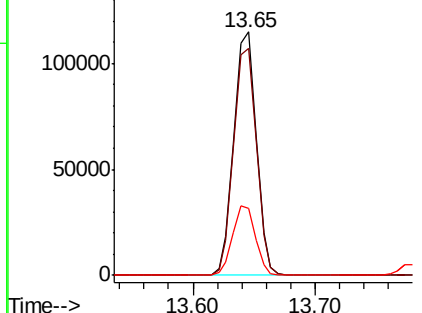
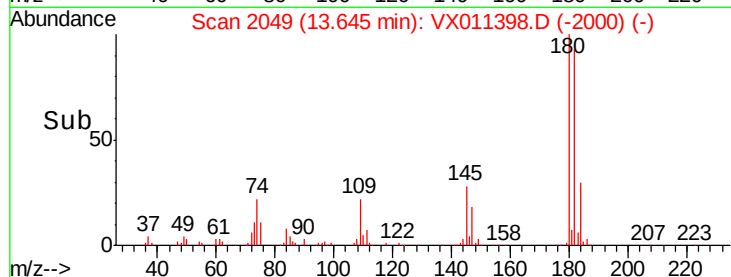
#93
 1,2,4-Trichlorobenzene
 Concen: 51.007 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 145588
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.4
 145 28.9 14.8 44.3

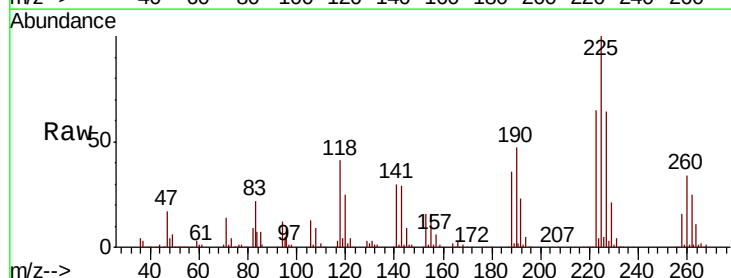


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

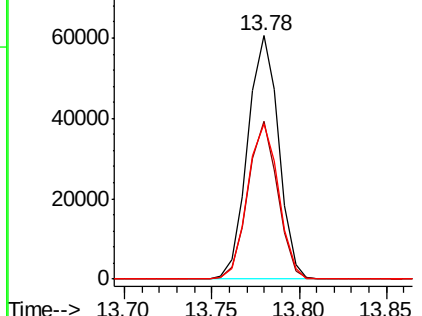
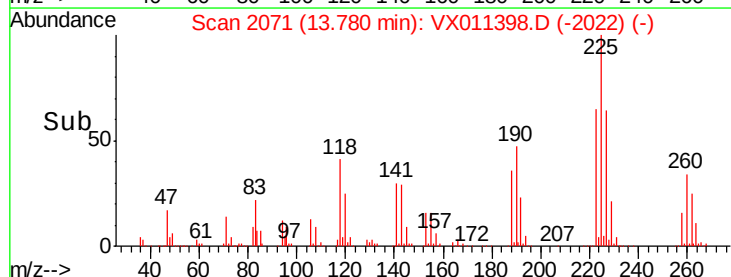


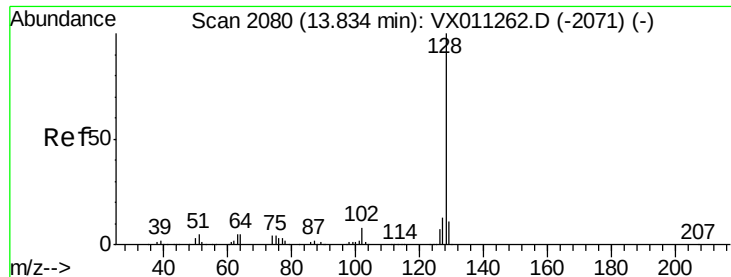
#94
 Hexachlorobutadiene
 Concen: 51.345 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011398.D
 Acq: 09 Aug 2019 09:37

Tgt Ion:225 Resp: 74354
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.0 93.0
 227 64.1 32.2 96.6



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

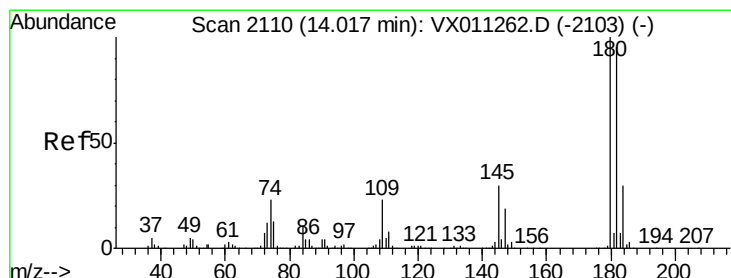
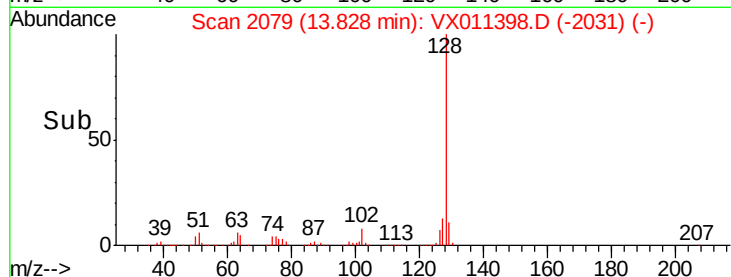
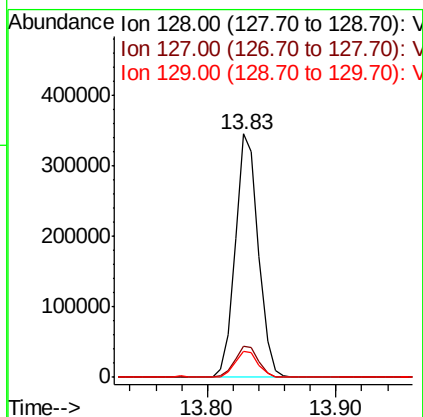
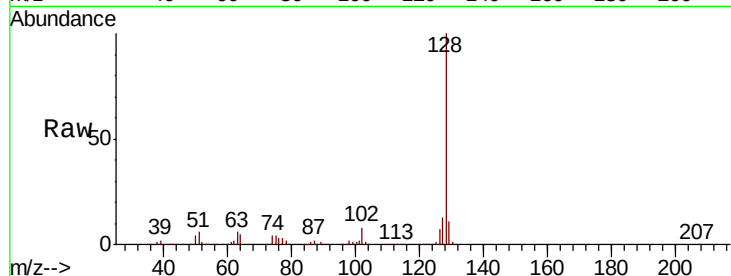




#95
Naphthalene
Concen: 51.559 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 430365
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.145 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011398.D
Acq: 09 Aug 2019 09:37

Tgt Ion:180 Resp: 145509
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 30.8 15.2 45.6

