

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080619\
 Data File : VX011351.D
 Acq On : 06 Aug 2019 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 07 01:15:02 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	207348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	159731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105090	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.48	113	91168	46.51	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	8.71	98	342979	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.13	95	136091	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	83762	52.304	ug/l	97
3) Chloromethane	1.32	50	86587	48.148	ug/l	98
4) Vinyl Chloride	1.40	62	97068	49.070	ug/l	98
5) Bromomethane	1.63	94	50329	35.674	ug/l	100
6) Chloroethane	1.71	64	60253	49.154	ug/l	100
7) Trichlorofluoromethane	1.92	101	167181	47.531	ug/l	100
8) Diethyl Ether	2.18	74	57291	45.616	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92975	48.854	ug/l	99
10) Methyl Iodide	2.50	142	122034	50.861	ug/l	97
11) Tert butyl alcohol	3.04	59	107202	257.459	ug/l	99
12) 1,1-Dichloroethene	2.36	96	88230	46.768	ug/l	88
13) Acrolein	2.28	56	63185	244.169	ug/l	100
14) Allyl chloride	2.71	41	138966	55.255	ug/l	98
15) Acrylonitrile	3.13	53	244178	245.743	ug/l	99
16) Acetone	2.43	43	249990	251.525	ug/l	96
17) Carbon Disulfide	2.56	76	214465	48.444	ug/l	100
18) Methyl Acetate	2.76	43	112033	49.325	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	300794	54.104	ug/l	99
20) Methylene Chloride	2.84	84	103123	47.376	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	98869	49.543	ug/l	89
22) Diisopropyl ether	3.84	45	286258	51.787	ug/l	97
23) Vinyl Acetate	3.80	43	1246646	271.921	ug/l	98
24) 1,1-Dichloroethane	3.68	63	165360	50.734	ug/l	99
25) 2-Butanone	4.65	43	349218	247.003	ug/l	96
26) 2,2-Dichloropropane	4.57	77	145207	57.310	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	114401	49.770	ug/l	98
28) Bromochloromethane	5.00	49	72131	48.543	ug/l	100
29) Tetrahydrofuran	5.11	42	209201	241.326	ug/l	99
30) Chloroform	5.20	83	182079	51.399	ug/l	97
31) Cyclohexane	5.56	56	134370	49.969	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	161213	53.124	ug/l	100
36) 1,1-Dichloropropene	5.79	75	132037	50.367	ug/l	99
37) Ethyl Acetate	4.82	43	128960	49.043	ug/l	100
38) Carbon Tetrachloride	5.78	117	141228	53.548	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)
39) Methylcyclohexane	7.45	83	149017	47.957	ug/l	98
40) Benzene	6.13	78	388256	49.632	ug/l	99
41) Methacrylonitrile	5.03	41	71356	49.688	ug/l	98
42) 1,2-Dichloroethane	6.18	62	141945	53.661	ug/l	98
43) Isopropyl Acetate	6.43	43	211420	50.290	ug/l	99
44) Trichloroethene	7.20	130	115703	48.865	ug/l	95
45) 1,2-Dichloropropane	7.50	63	96952	47.855	ug/l	98
46) Dibromomethane	7.65	93	71272	48.190	ug/l	98
47) Bromodichloromethane	7.89	83	131886	52.670	ug/l	98
48) Methyl methacrylate	7.76	41	103579	52.353	ug/l	97
49) 1,4-Dioxane	7.73	88	53091	925.613	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	675166	248.852	ug/l	100
52) Toluene	8.78	92	255711	49.440	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147994	50.707	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	160101	54.735	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	106227	49.953	ug/l	99
56) Ethyl methacrylate	9.17	69	159767	52.720	ug/l	98
57) 1,3-Dichloropropane	9.37	76	168990	50.248	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	466186	312.866	ug/l	100
59) 2-Hexanone	9.49	43	528752	251.609	ug/l	99
60) Dibromochloromethane	9.58	129	115818	53.196	ug/l	97
61) 1,2-Dibromoethane	9.66	107	115020	50.063	ug/l	99
64) Tetrachloroethene	9.33	164	113033	47.486	ug/l	96
65) Chlorobenzene	10.13	112	292127	48.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	107266	52.134	ug/l	99
67) Ethyl Benzene	10.25	91	510437	50.714	ug/l	100
68) m/p-Xylenes	10.35	106	396500	101.846	ug/l	96
69) o-Xylene	10.69	106	189107	49.438	ug/l	98
70) Styrene	10.71	104	334682	52.879	ug/l	98
71) Bromoform	10.85	173	85768	46.813	ug/l	99
73) Isopropylbenzene	11.01	105	522312	47.811	ug/l	100
74) N-amyl acetate	10.89	43	198116	50.190	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	161559	44.377	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	181726	62.473	ug/l	83
77) Bromobenzene	11.25	156	143196	47.270	ug/l	96
78) n-propylbenzene	11.35	91	595773	49.040	ug/l	99
79) 2-Chlorotoluene	11.41	91	346893	47.907	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	444674	48.625	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50382	46.589	ug/l	100
82) 4-Chlorotoluene	11.51	91	423210	50.150	ug/l	98
83) tert-Butylbenzene	11.77	119	437104	48.734	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	456379	50.124	ug/l	100
85) sec-Butylbenzene	11.94	105	512300	47.541	ug/l	100
86) p-Isopropyltoluene	12.06	119	485750	48.998	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	261660	48.886	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	262560	47.571	ug/l	97
89) n-Butylbenzene	12.38	91	427426	50.045	ug/l	99
90) Hexachloroethane	12.59	117	71417	48.727	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	252757	46.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35202	49.909	ug/l	93

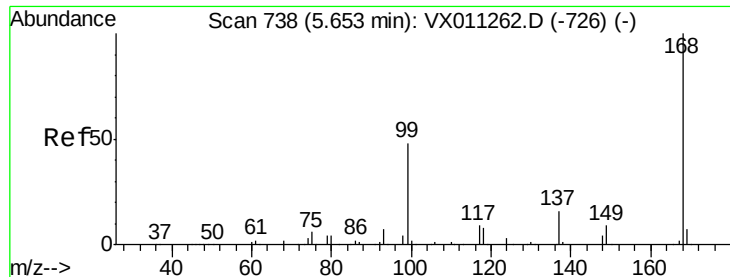
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	182863	51.271	ug/l	99
94) Hexachlorobutadiene	13.78	225	71425	39.471	ug/l	99
95) Naphthalene	13.83	128	559960	53.687	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	177836	49.045	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

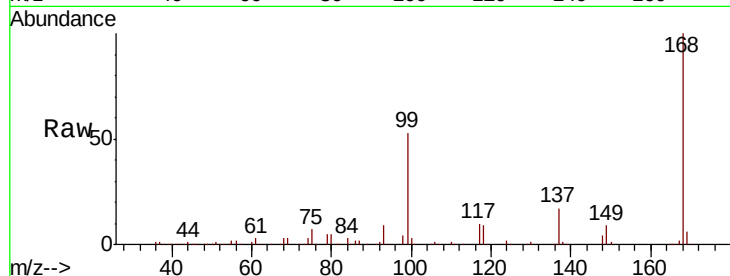
VSTDCCC050EC

Tgt Ion:168 Resp: 207348

Ion Ratio Lower Upper

168 100

99 53.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

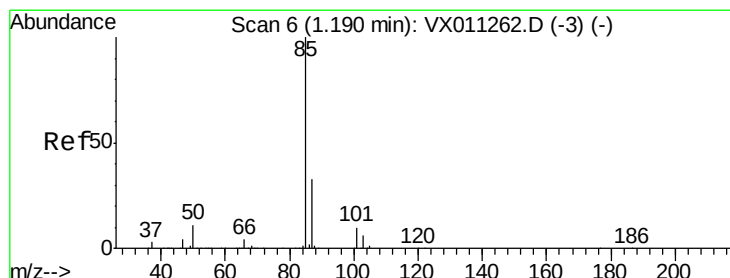
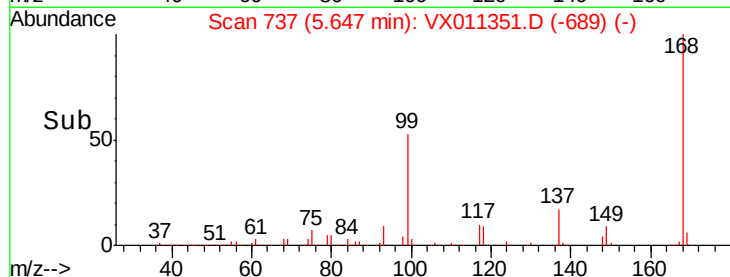
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.304 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011351.D

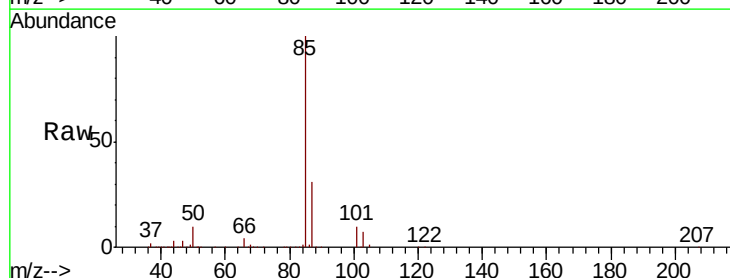
Acq: 06 Aug 2019 16:25

Tgt Ion: 85 Resp: 83762

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

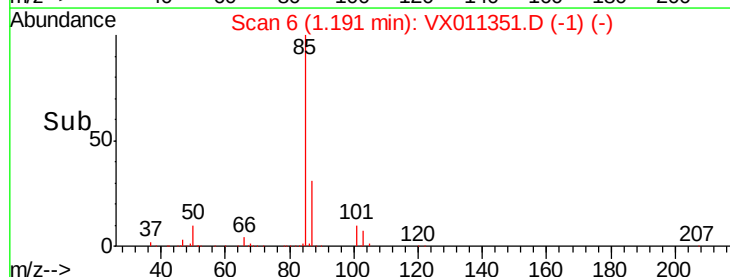
40000

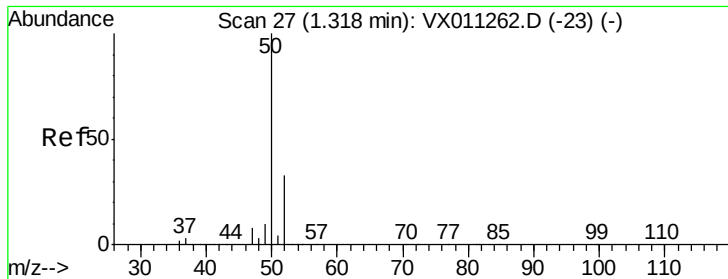
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.148 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

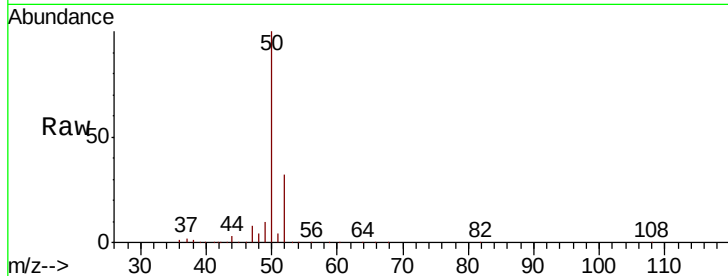
VSTDCCC050EC

Tgt Ion: 50 Resp: 86587

Ion Ratio Lower Upper

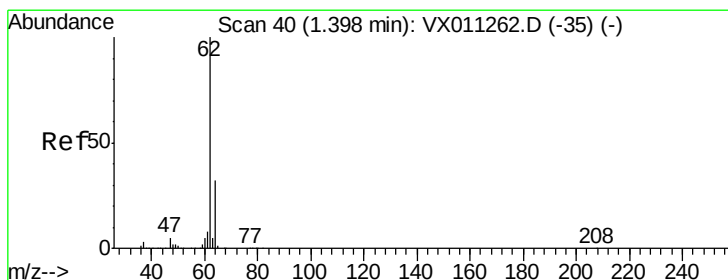
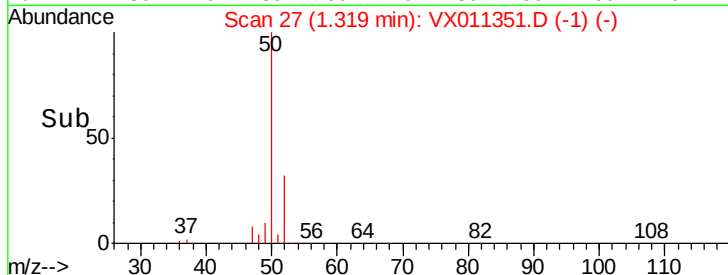
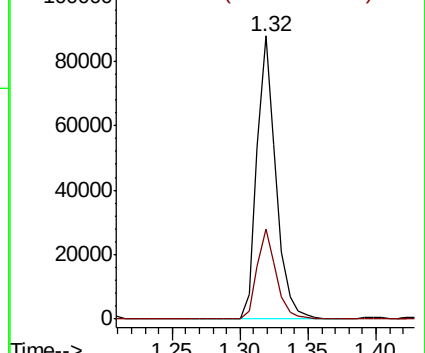
50 100

52 31.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.070 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011351.D

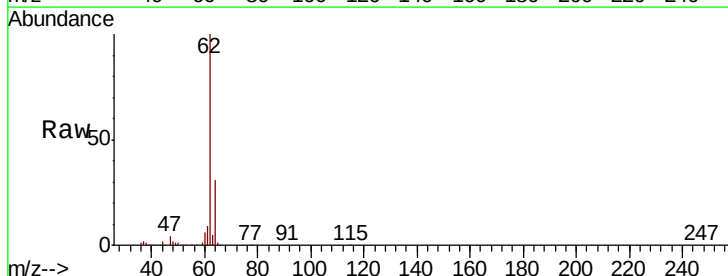
Acq: 06 Aug 2019 16:25

Tgt Ion: 62 Resp: 97068

Ion Ratio Lower Upper

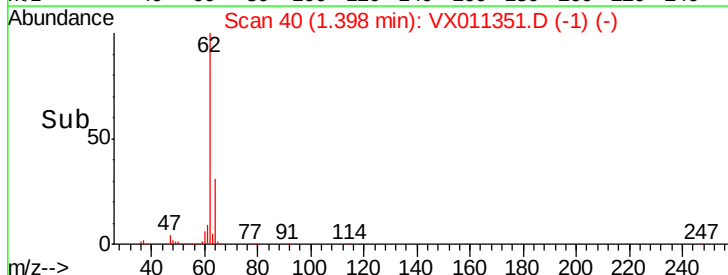
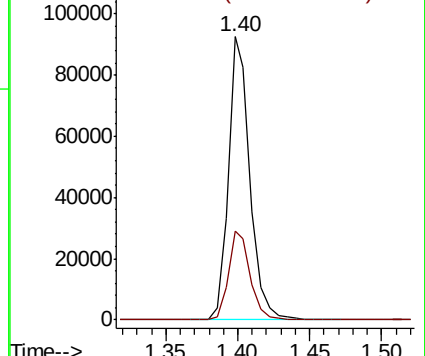
62 100

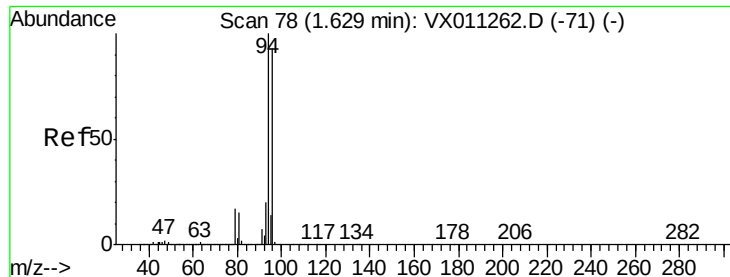
64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.674 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

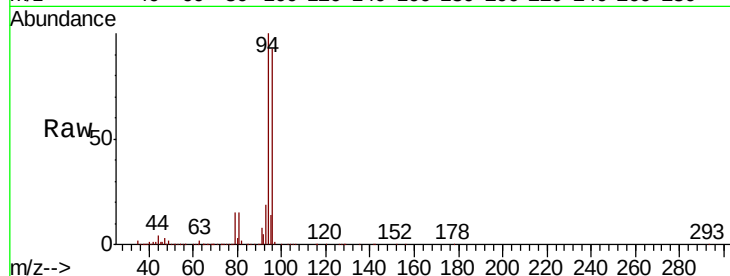
VSTDCCC050EC

Tgt Ion: 94 Resp: 50329

Ion Ratio Lower Upper

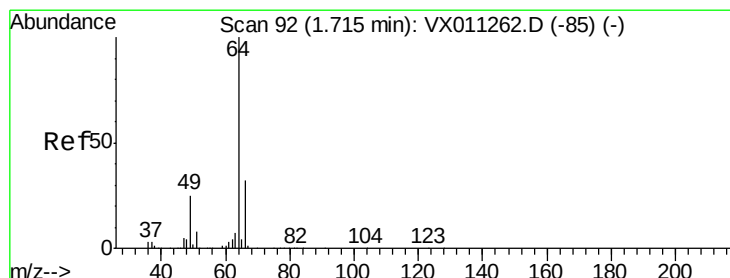
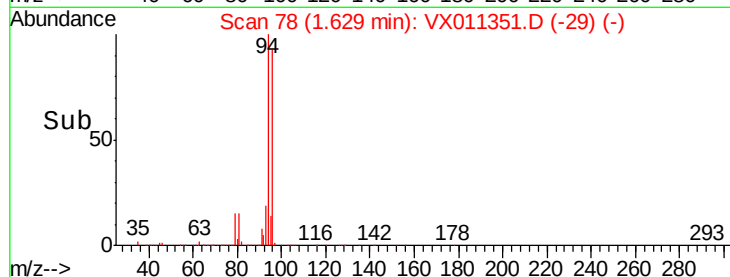
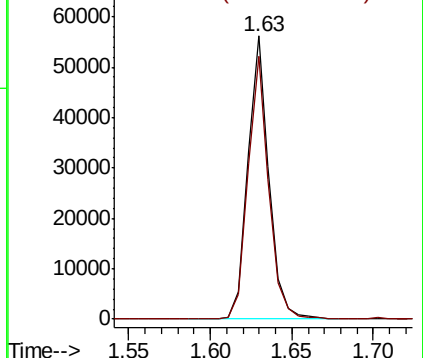
94 100

96 92.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.154 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011351.D

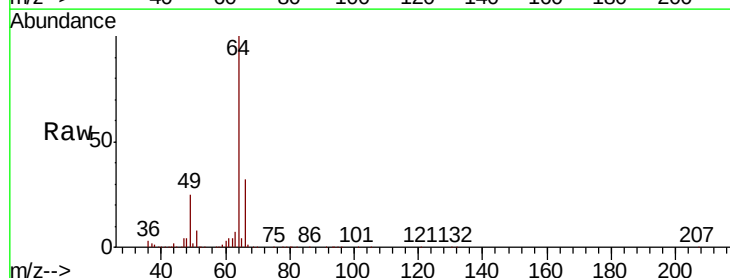
Acq: 06 Aug 2019 16:25

Tgt Ion: 64 Resp: 60253

Ion Ratio Lower Upper

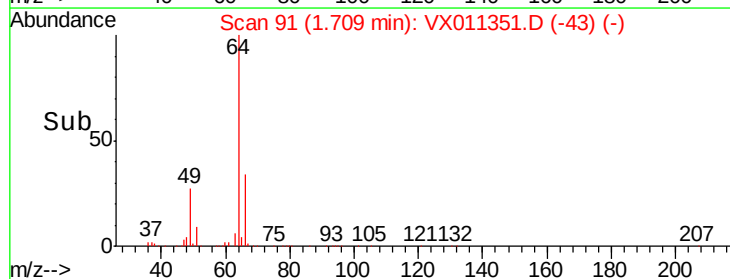
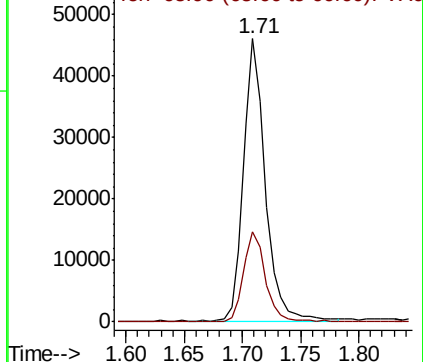
64 100

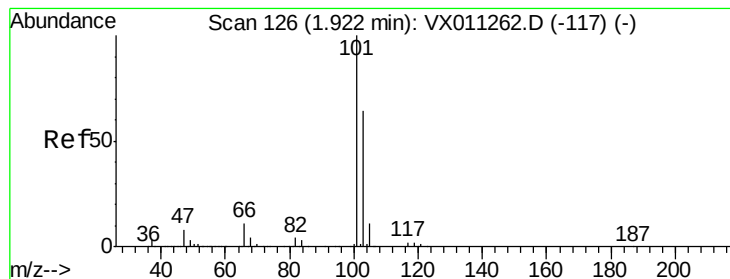
66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



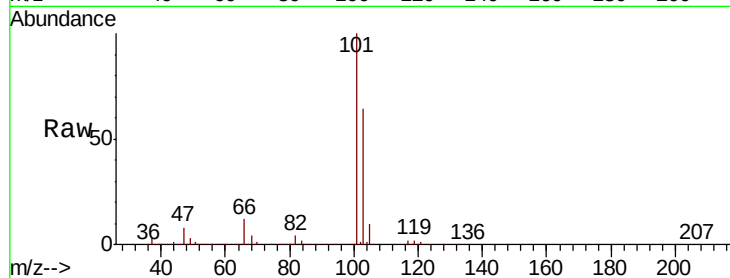


#7

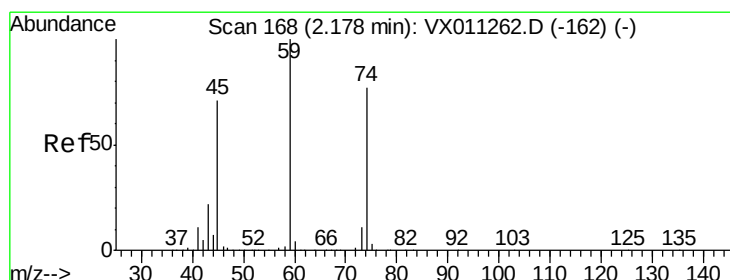
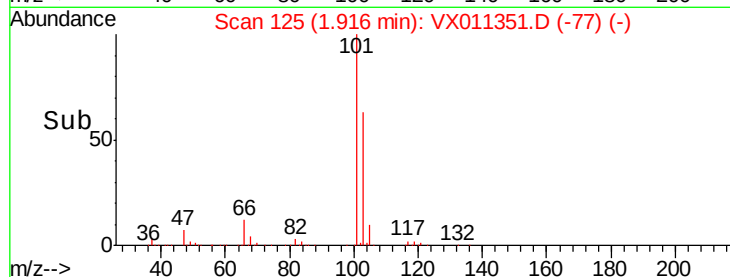
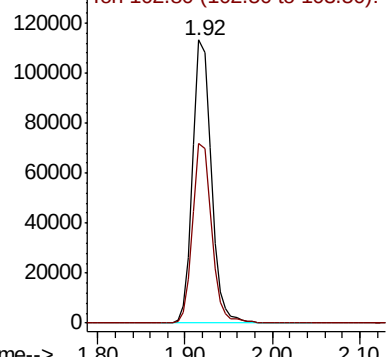
Trichlorofluoromethane
 Concen: 47.531 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 101 Resp: 167181
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.9 76.3



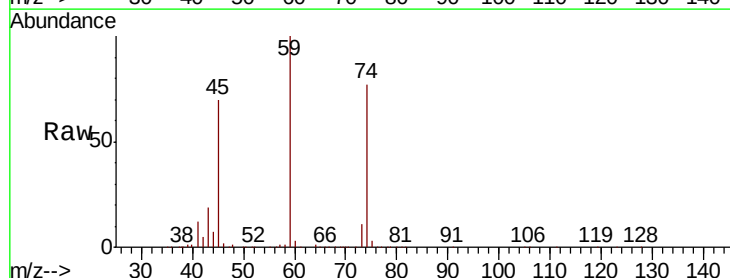
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



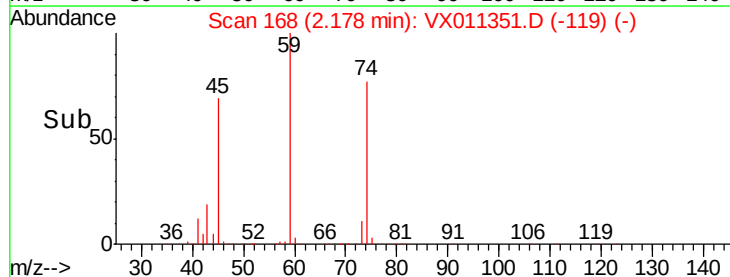
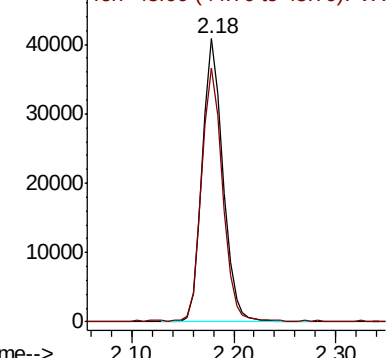
#8

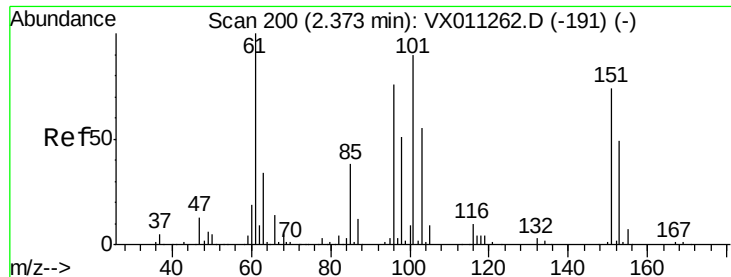
Diethyl Ether
 Concen: 45.616 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 74 Resp: 57291
 Ion Ratio Lower Upper
 74 100
 45 90.6 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.854 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

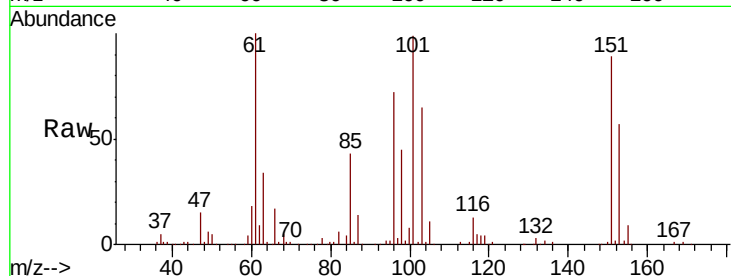
Tgt Ion:101 Resp: 92975

Ion Ratio Lower Upper

101 100

85 42.8 33.8 50.6

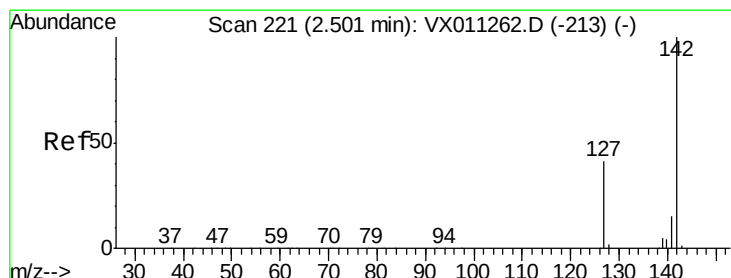
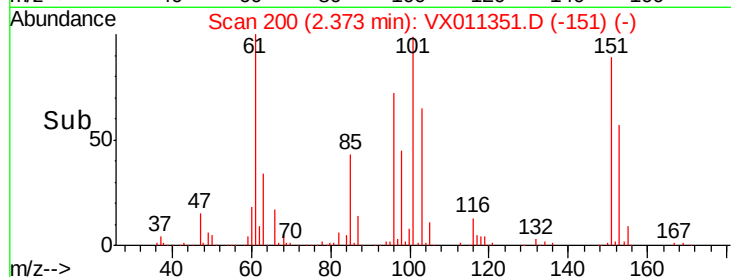
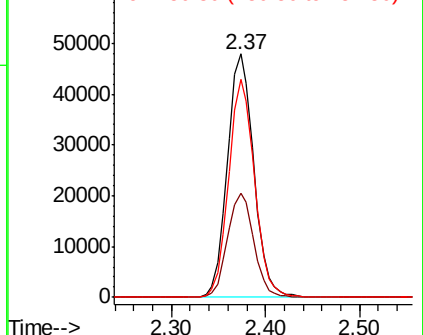
151 87.8 69.5 104.3



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: 50.861 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

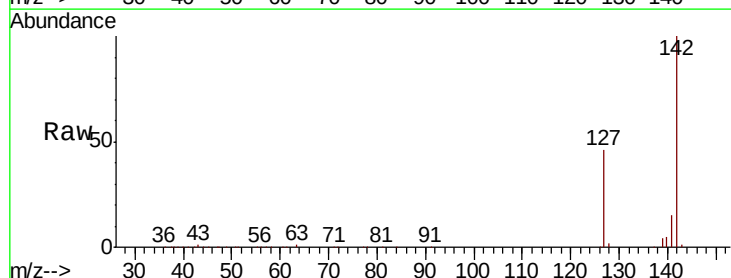
Tgt Ion:142 Resp: 122034

Ion Ratio Lower Upper

142 100

127 44.4 33.8 50.8

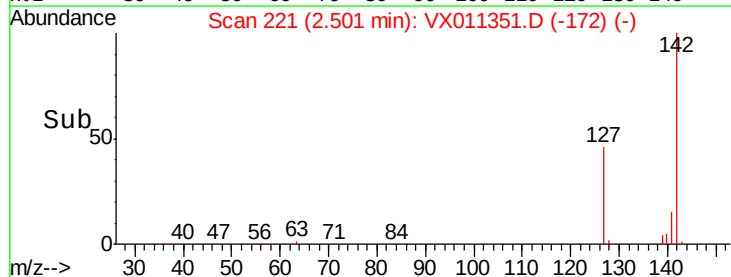
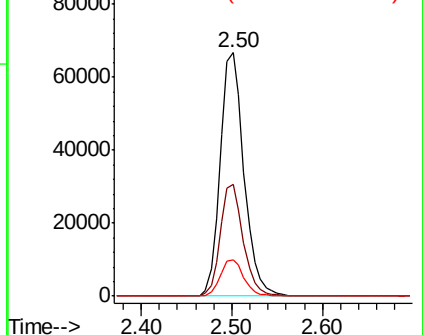
141 14.8 11.4 17.2

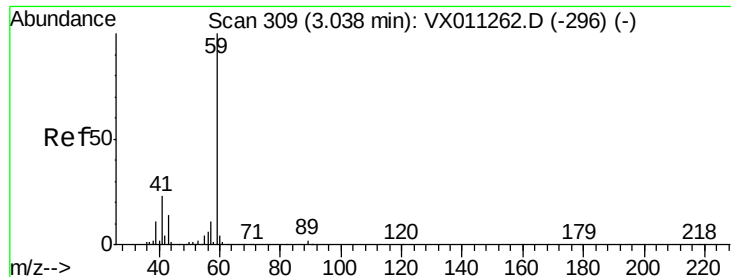


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

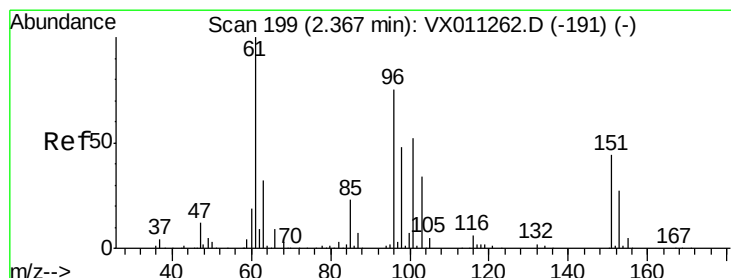
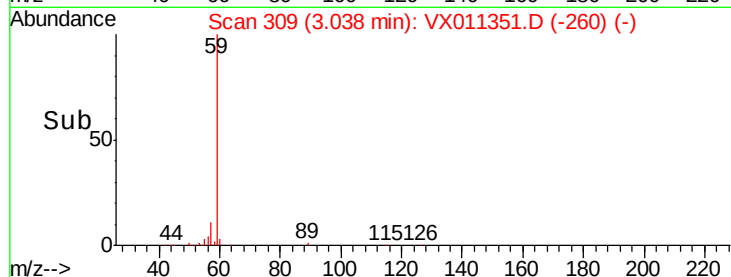
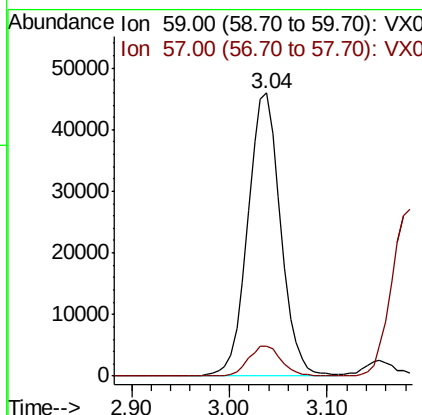
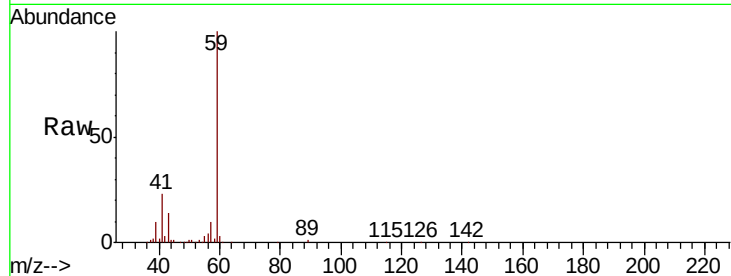




#11
Tert butyl alcohol
Concen: 257.459 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

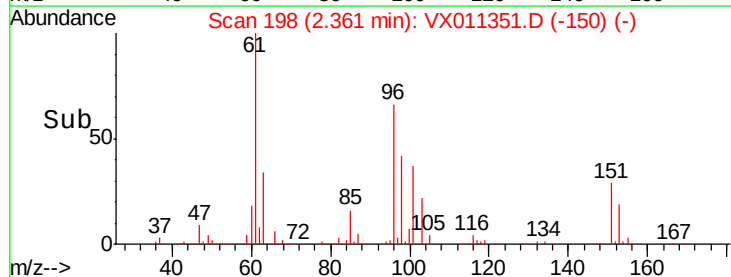
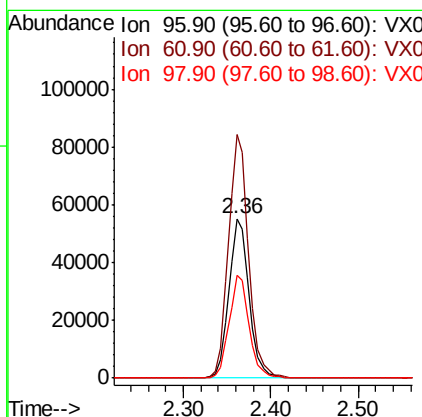
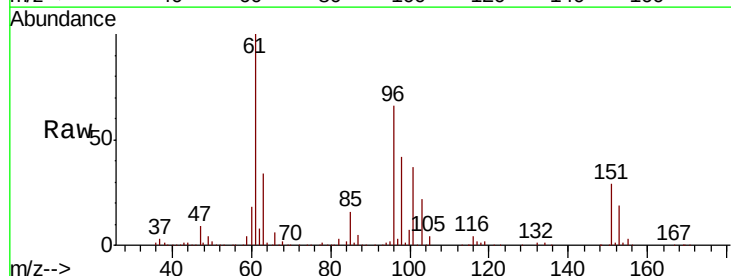
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

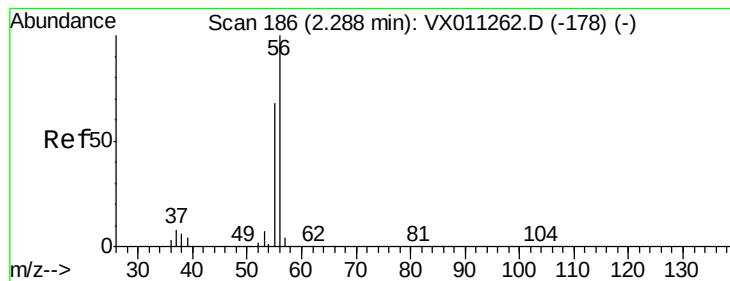
Tgt Ion: 59 Resp: 107202
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.768 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 96 Resp: 88230
Ion Ratio Lower Upper
96 100
61 152.5 106.2 159.2
98 64.8 50.6 75.8





#13

Acrolein

Concen: 244.169 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

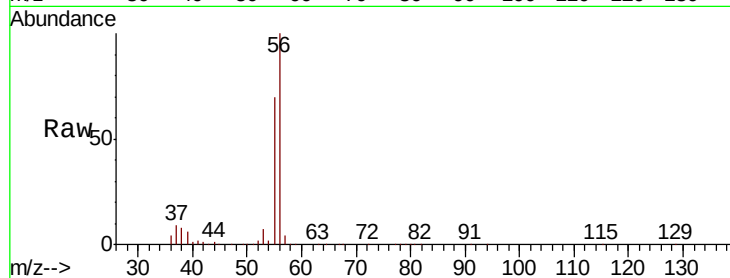
VSTDCCC050EC

Tgt Ion: 56 Resp: 63185

Ion Ratio Lower Upper

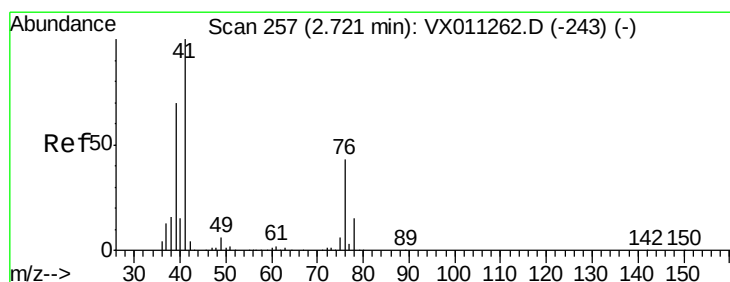
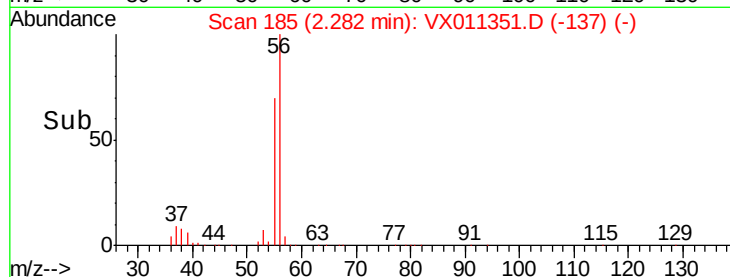
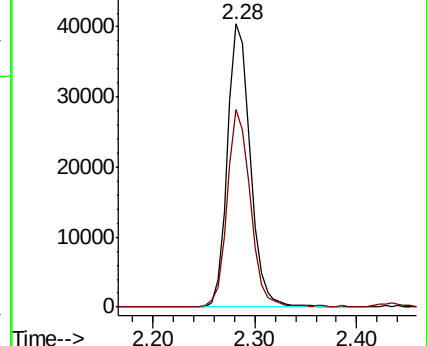
56 100

55 69.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 55.255 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

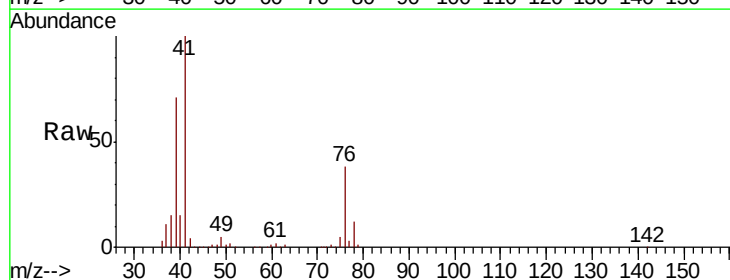
Tgt Ion: 41 Resp: 138966

Ion Ratio Lower Upper

41 100

39 67.4 52.8 79.2

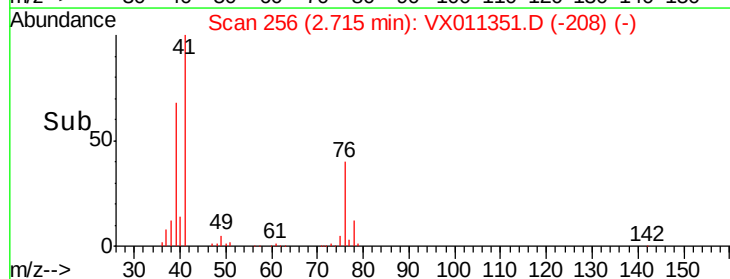
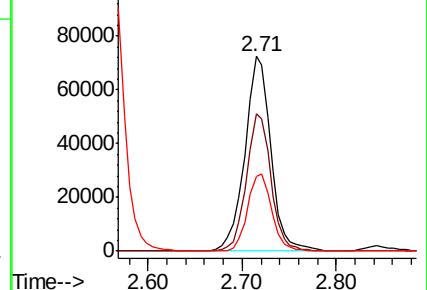
76 36.9 31.1 46.7

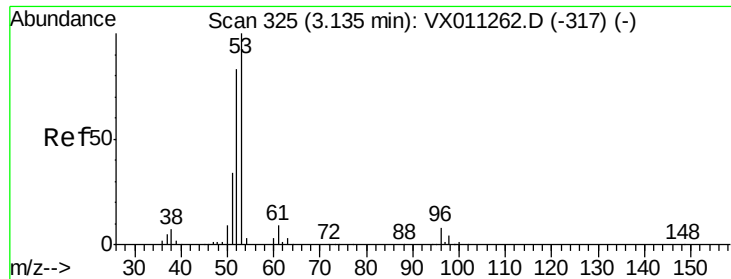


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

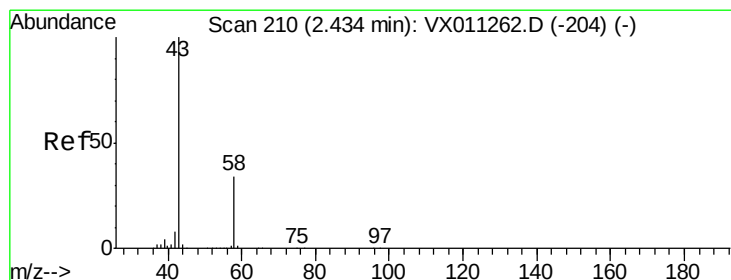
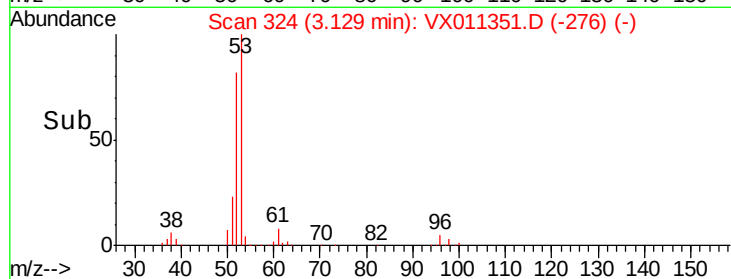
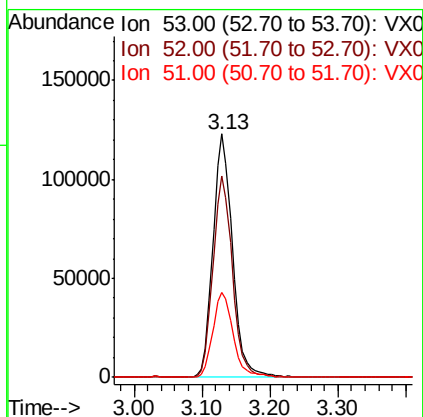
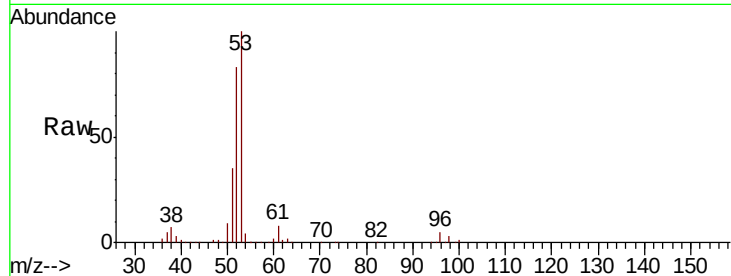




#15
 Acrylonitrile
 Concen: 245.743 ug/l
 RT: 3.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

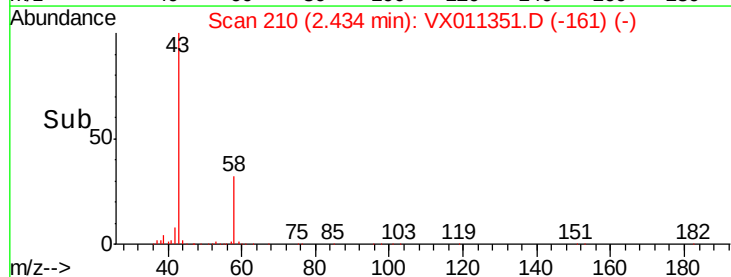
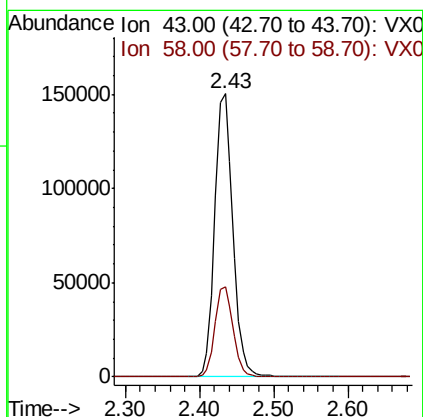
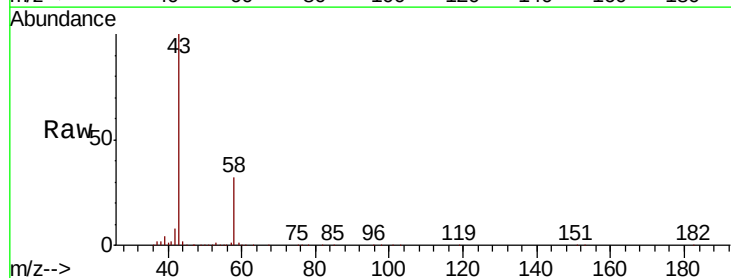
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

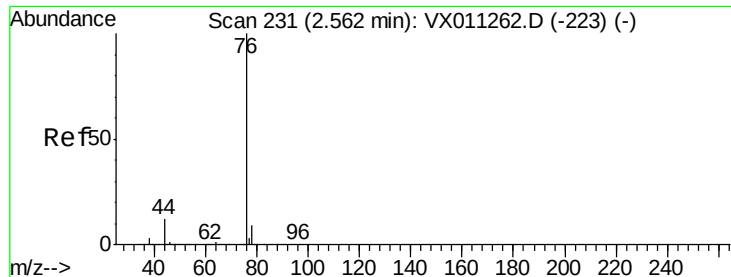
Tgt Ion: 53 Resp: 244178
 Ion Ratio Lower Upper
 53 100
 52 82.4 65.5 98.3
 51 36.3 27.9 41.9



#16
 Acetone
 Concen: 251.525 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 43 Resp: 249990
 Ion Ratio Lower Upper
 43 100
 58 31.9 27.4 41.0

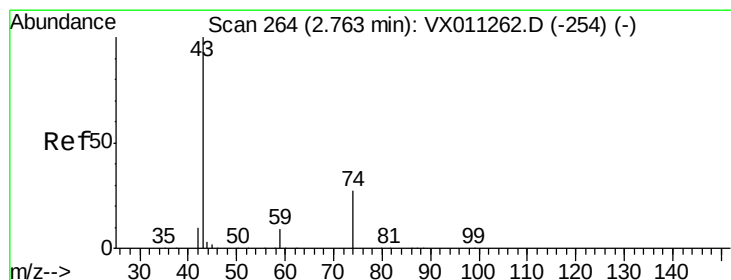
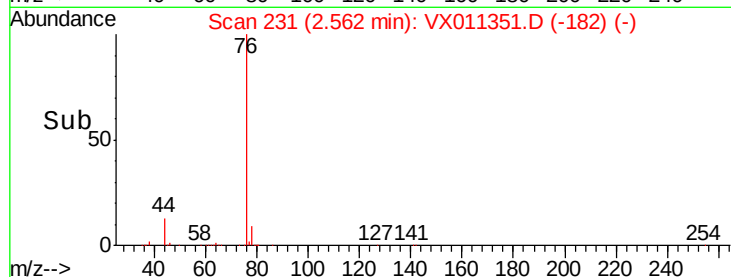
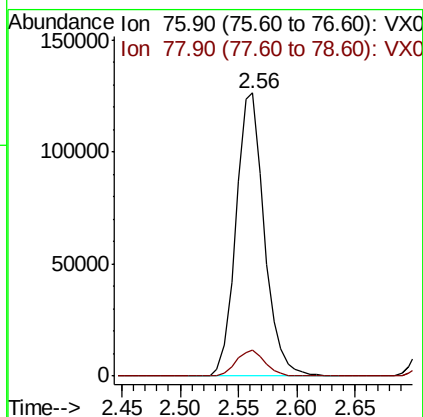
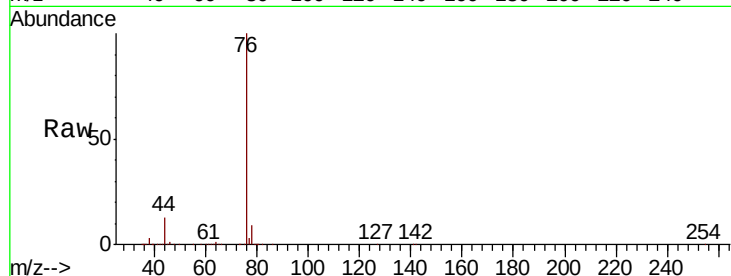




#17
Carbon Disulfide
Concen: 48.444 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

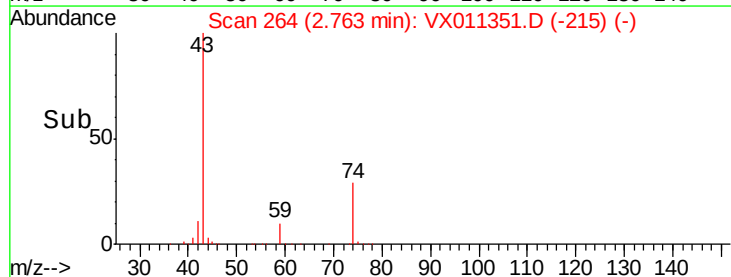
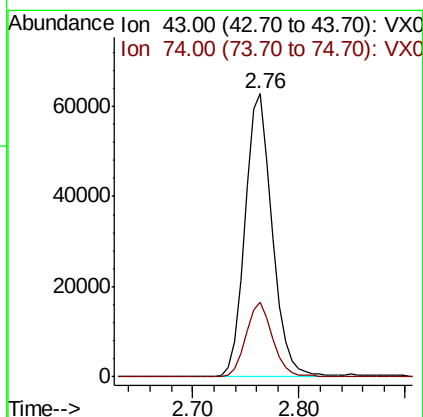
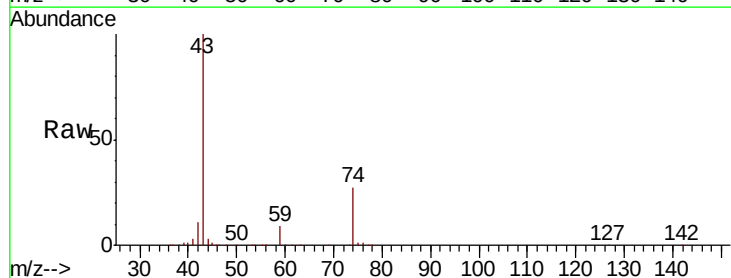
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

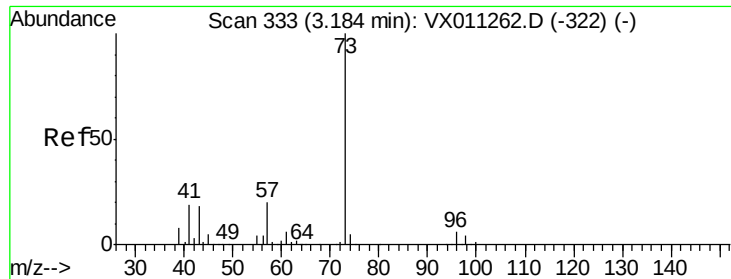
Tgt Ion: 76 Resp: 214465
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 49.325 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 43 Resp: 112033
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6

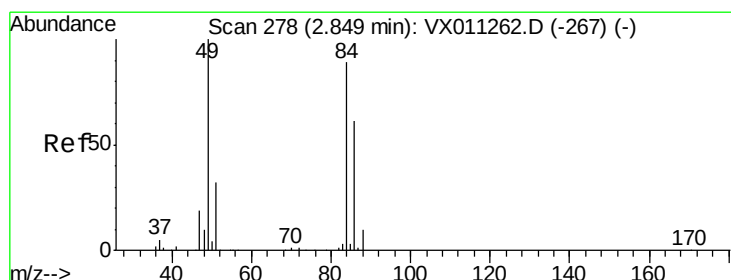
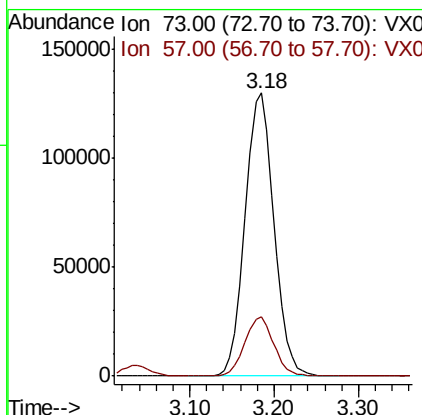
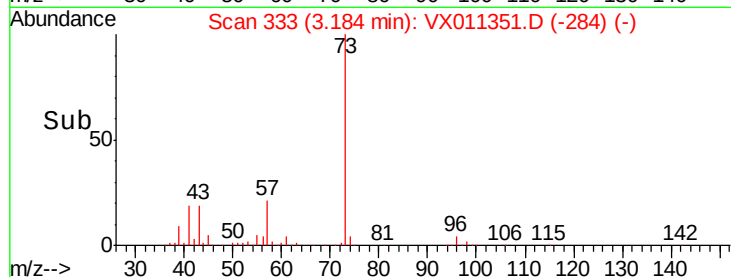
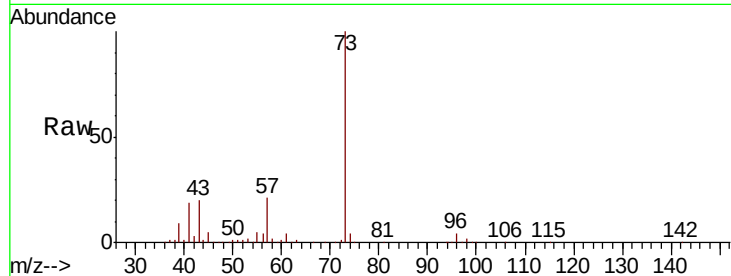




#19
Methyl tert-butyl Ether
Concen: 54.104 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

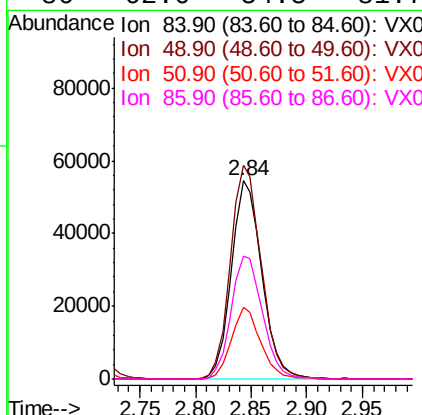
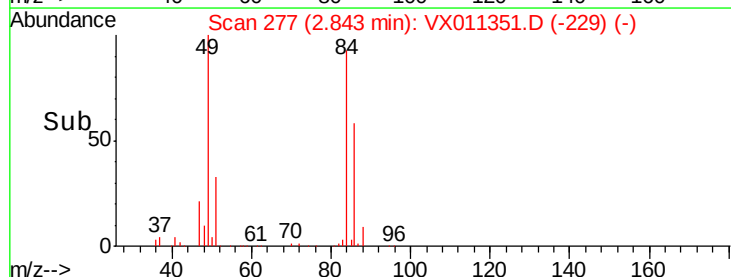
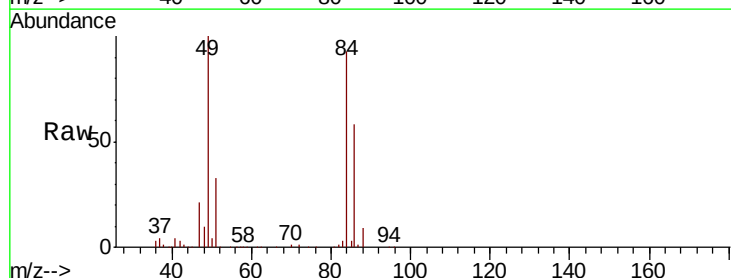
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

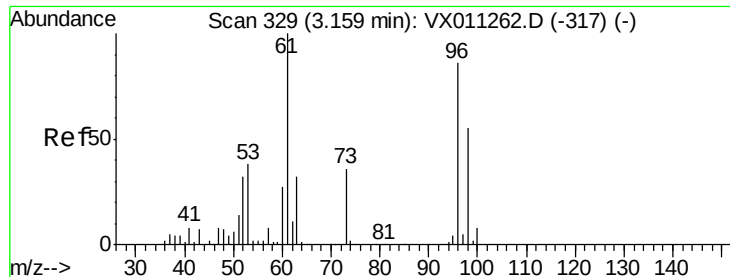
Tgt Ion: 73 Resp: 300794
Ion Ratio Lower Upper
73 100
57 20.9 16.2 24.2



#20
Methylene Chloride
Concen: 47.376 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 84 Resp: 103123
Ion Ratio Lower Upper
84 100
49 107.8 89.3 133.9
51 36.0 28.3 42.5
86 62.0 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.543 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

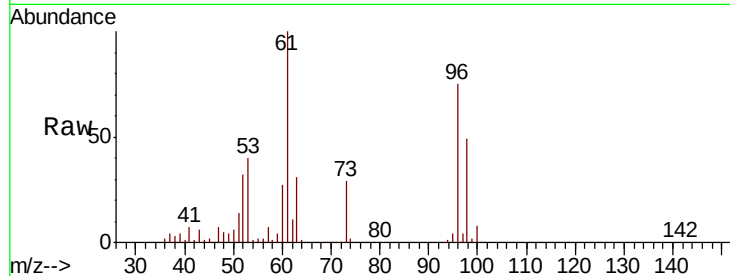
Tgt Ion: 96 Resp: 98869

Ion Ratio Lower Upper

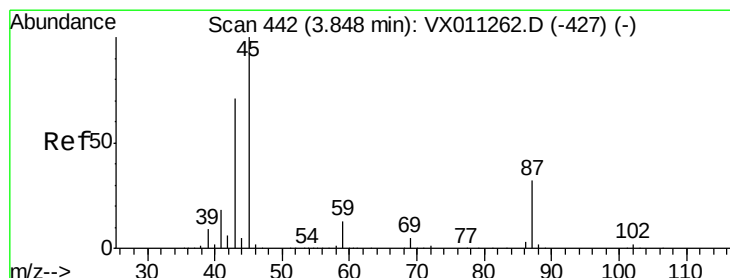
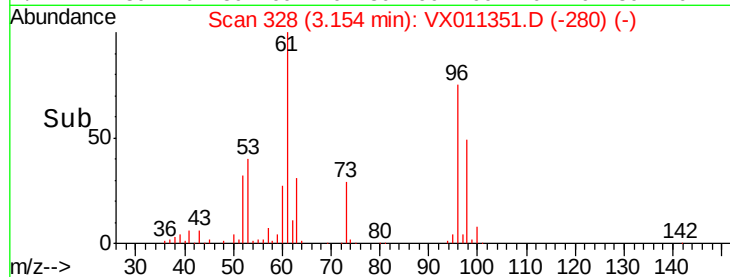
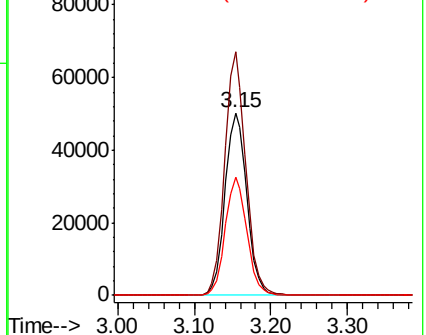
96 100

61 133.3 92.8 139.2

98 64.8 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: 51.787 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Tgt Ion: 45 Resp: 286258

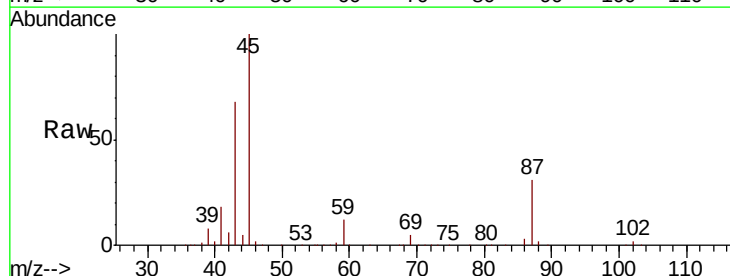
Ion Ratio Lower Upper

45 100

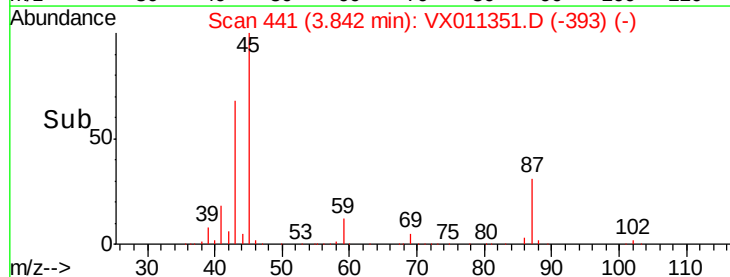
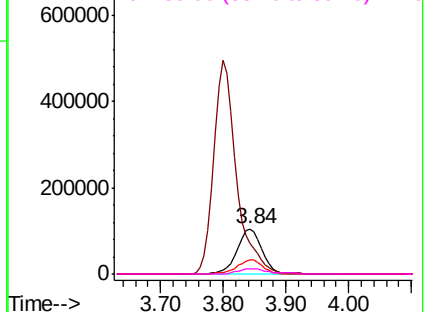
43 67.7 56.8 85.2

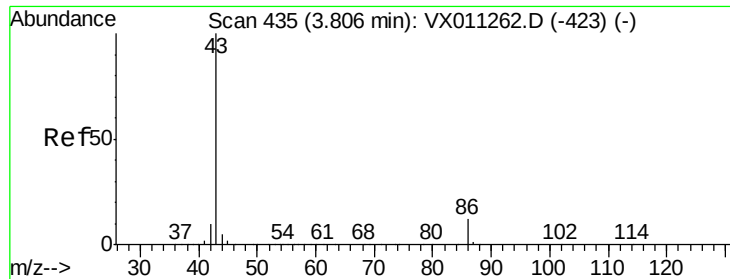
87 31.4 25.8 38.6

59 12.1 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: 271.921 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

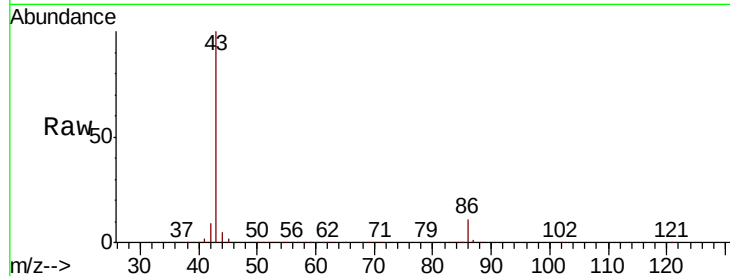
VSTDCCC050EC

Tgt Ion: 43 Resp: 1246646

Ion Ratio Lower Upper

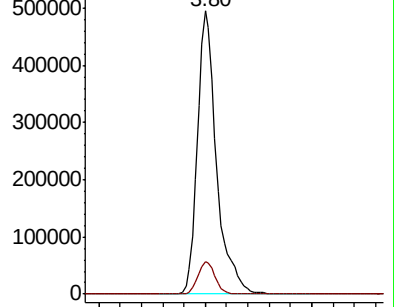
43 100

86 11.3 9.6 14.4

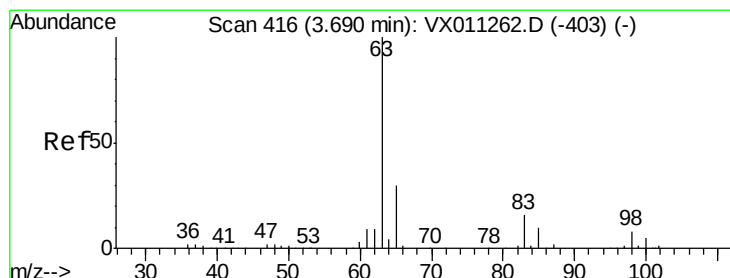
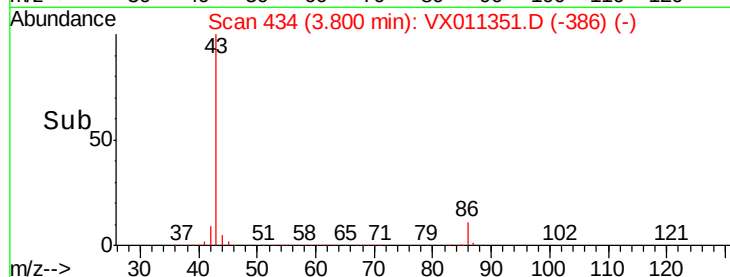


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 50.734 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

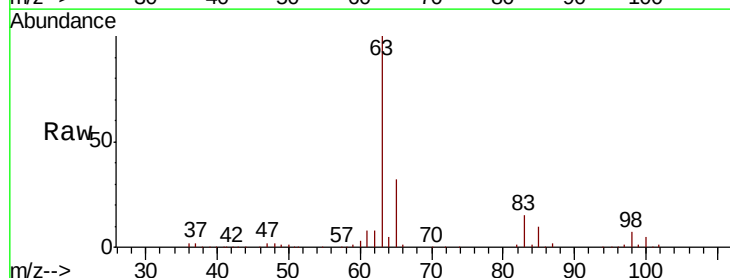
Tgt Ion: 63 Resp: 165360

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

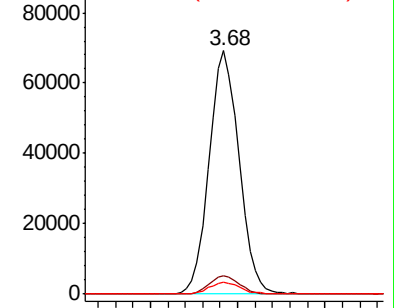
100 4.7 2.7 8.1



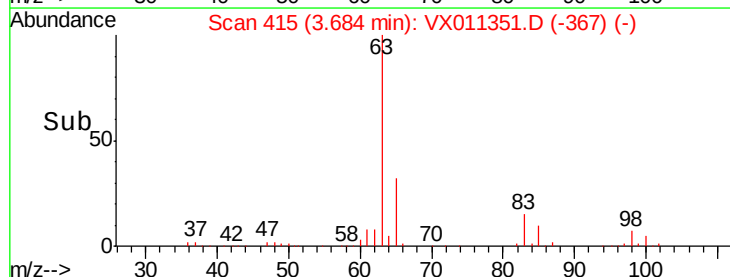
Abundance Ion 62.90 (62.60 to 63.60): VX0

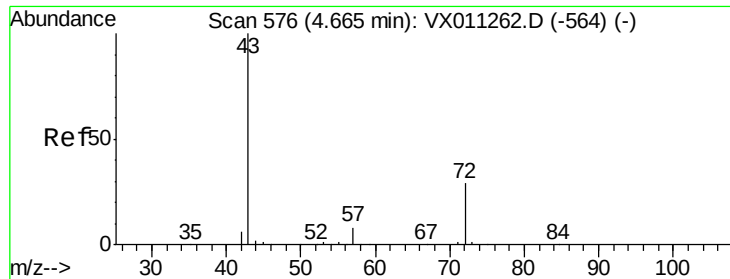
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 247.003 ug/l

RT: 4.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

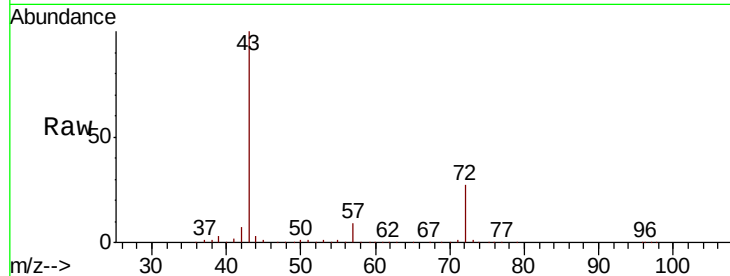
VSTDCCC050EC

Tgt Ion: 43 Resp: 349218

Ion Ratio Lower Upper

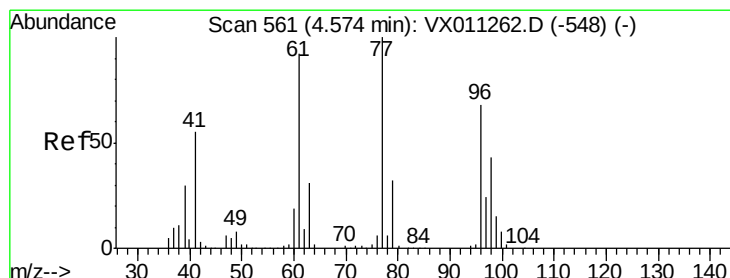
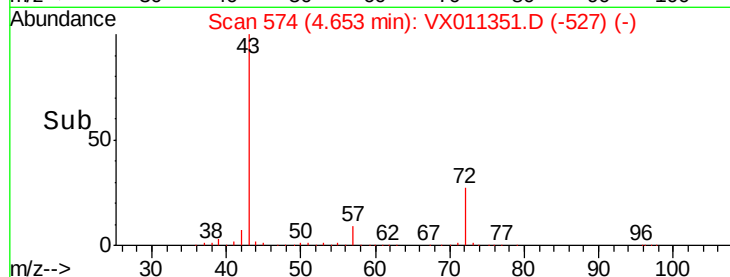
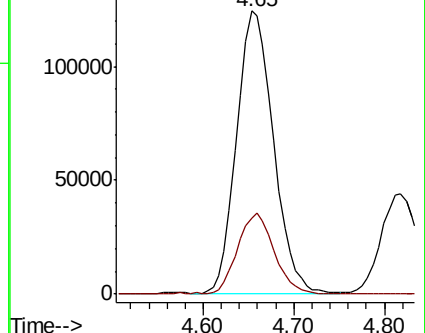
43 100

72 27.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 57.310 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011351.D

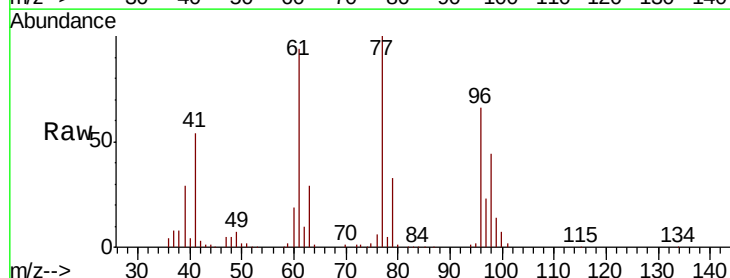
Acq: 06 Aug 2019 16:25

Tgt Ion: 77 Resp: 145207

Ion Ratio Lower Upper

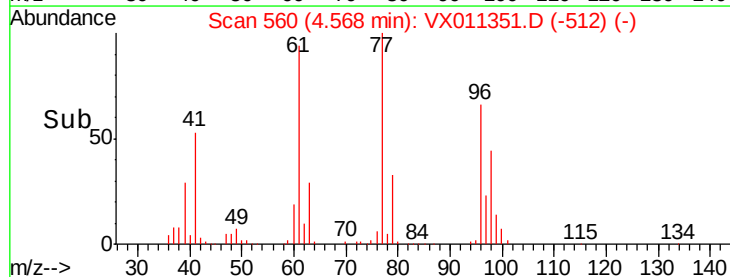
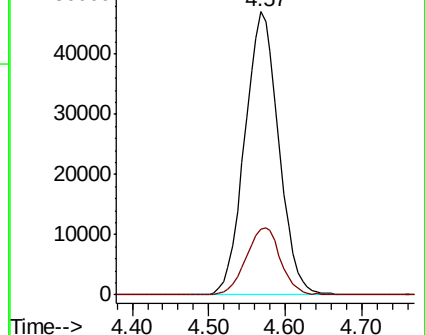
77 100

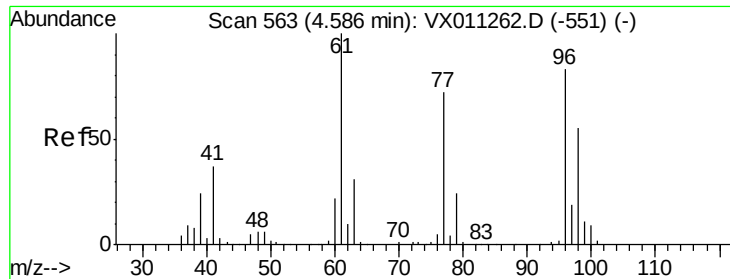
97 24.3 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



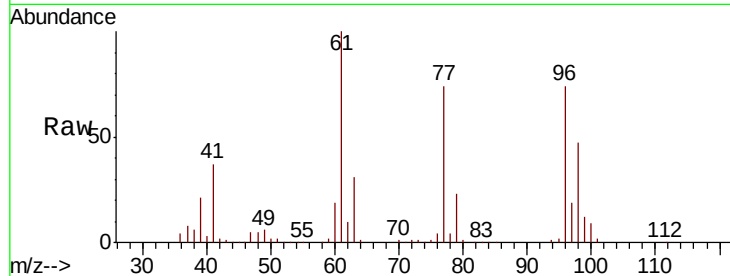


#27

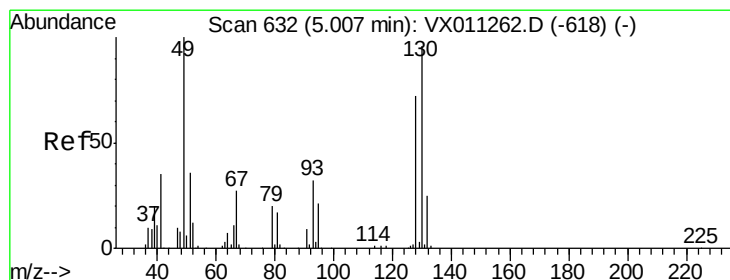
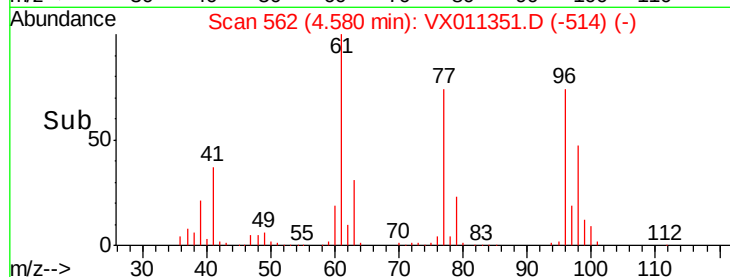
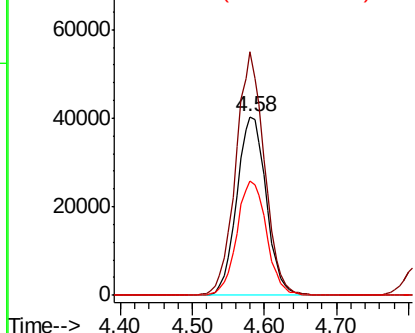
cis-1,2-Dichloroethene
Concen: 49.770 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 114401
Ion Ratio Lower Upper
96 100
61 132.7 0.0 260.2
98 64.3 0.0 133.2



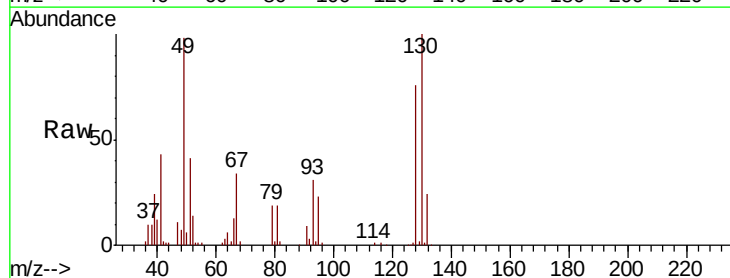
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



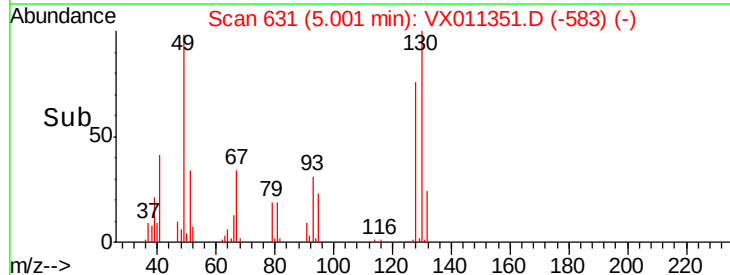
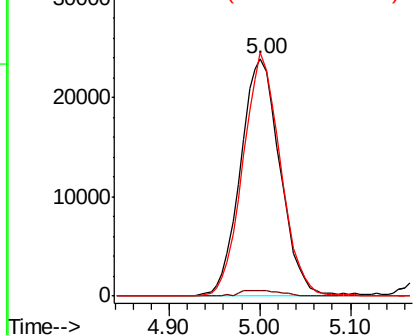
#28

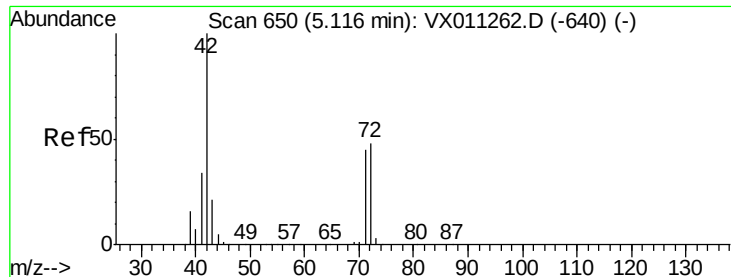
Bromochloromethane
Concen: 48.543 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 49 Resp: 72131
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.8
130 97.3 77.9 116.9



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

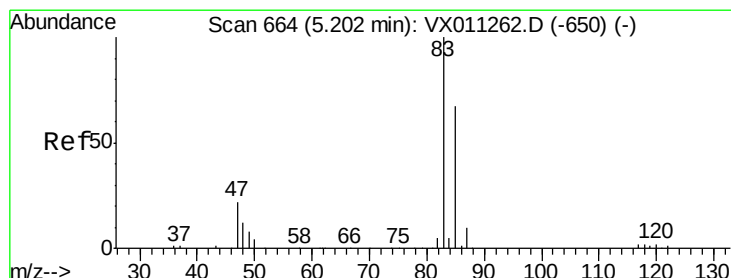
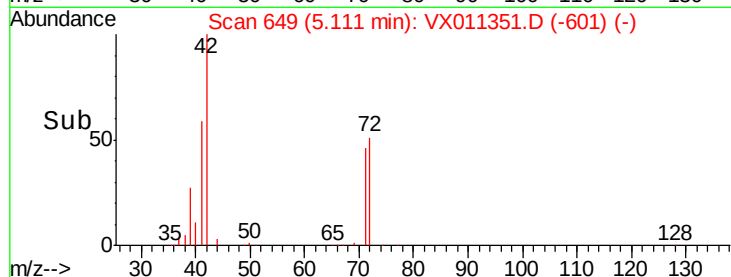
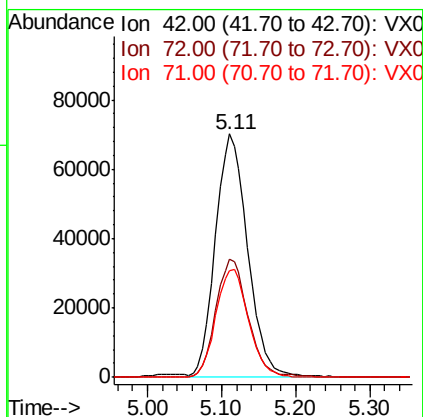
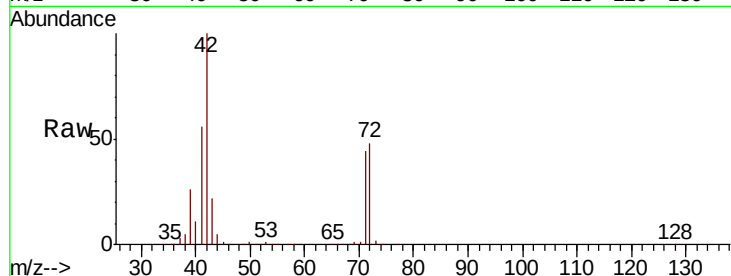




#29
Tetrahydrofuran
Concen: 241.326 ug/l
RT: 5.11 min Scan# 649
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

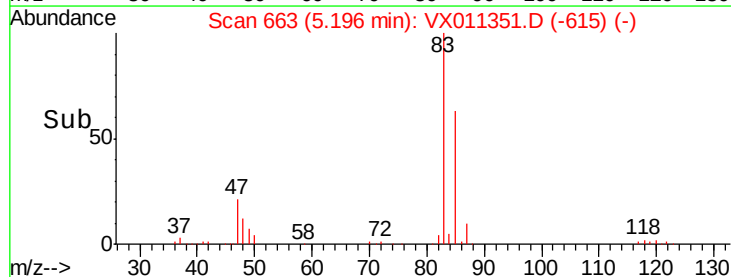
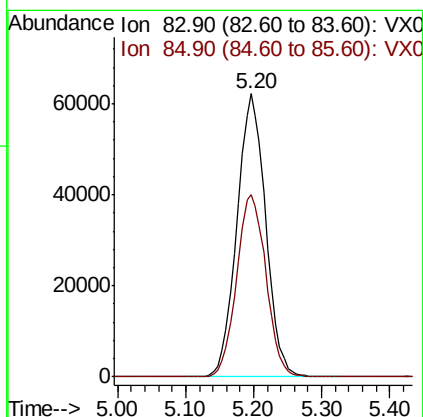
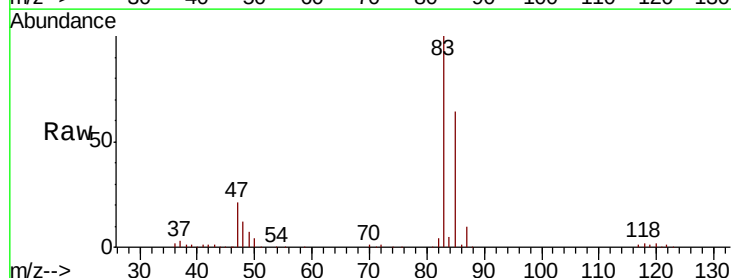
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

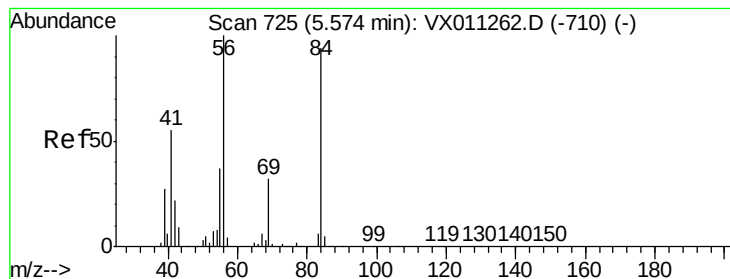
Tgt Ion:	42	Resp:	209201
Ion	Ratio	Lower	Upper
42	100		
72	49.1	39.9	59.9
71	45.5	36.9	55.3



#30
Chloroform
Concen: 51.399 ug/l
RT: 5.20 min Scan# 663
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion:	83	Resp:	182079
Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.4	80.0





#31

Cyclohexane

Concen: 49.969 ug/l

RT: 5.56 min Scan# 723

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

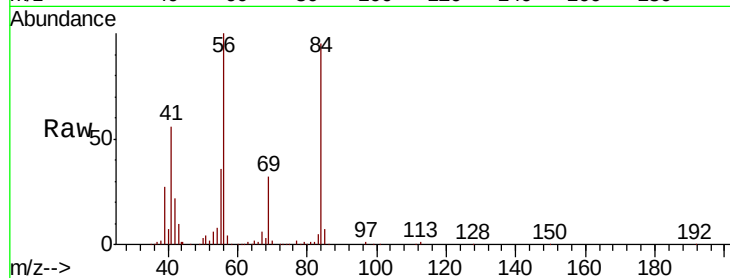
Tgt Ion: 56 Resp: 134370

Ion Ratio Lower Upper

56 100

69 32.5 25.5 38.3

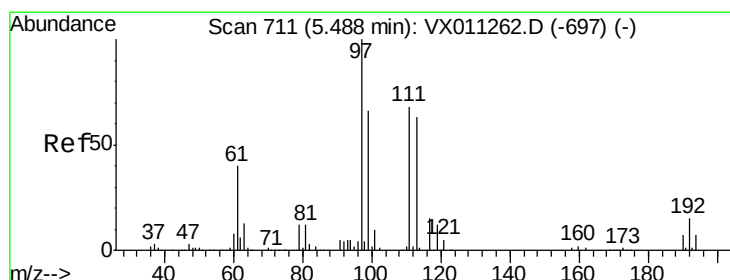
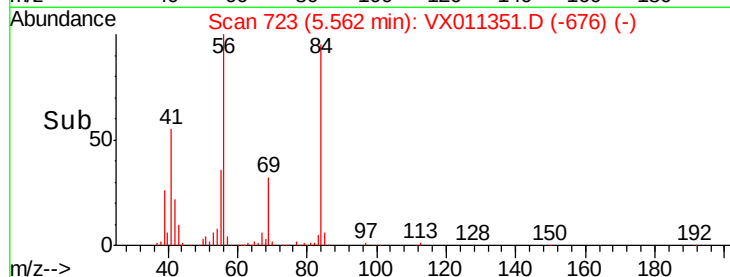
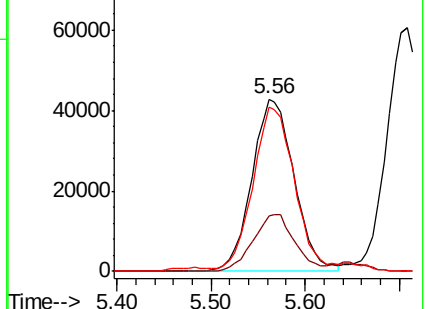
84 93.5 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.124 ug/l

RT: 5.48 min Scan# 709

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

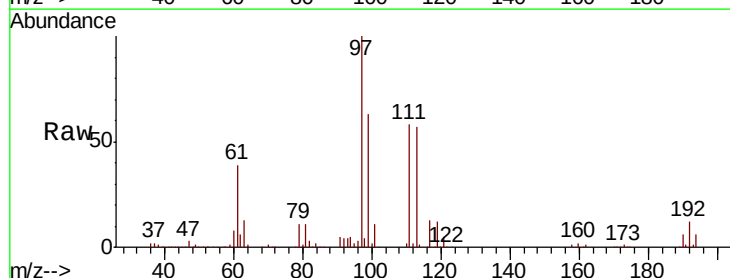
Tgt Ion: 97 Resp: 161213

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

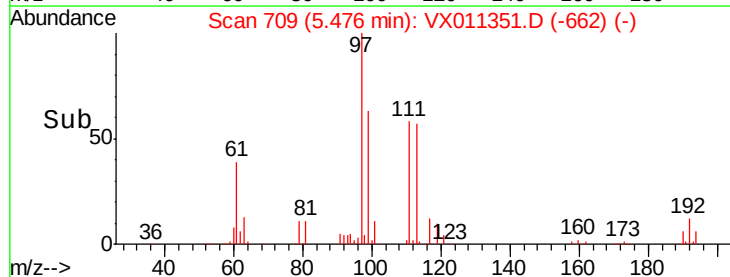
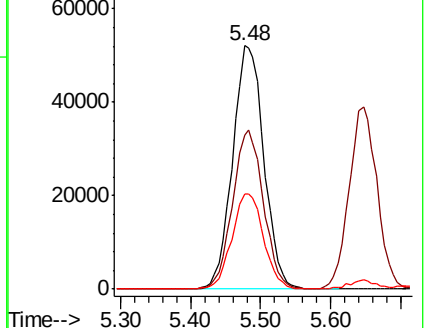
61 39.8 32.3 48.5

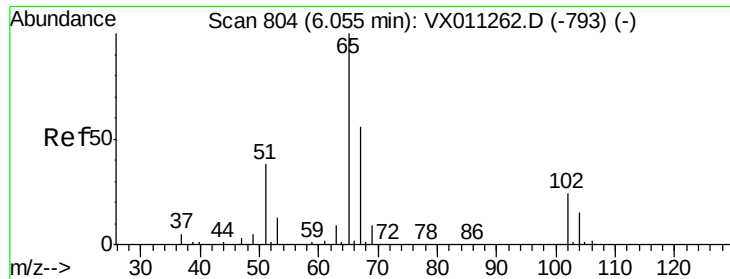


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

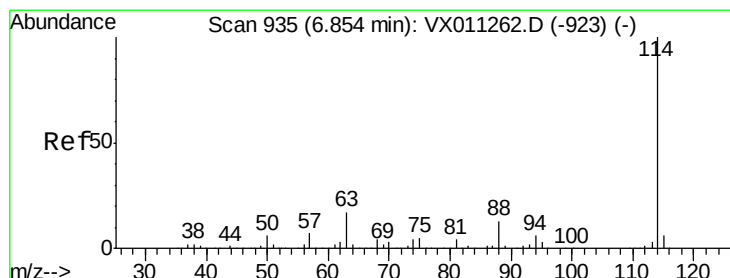
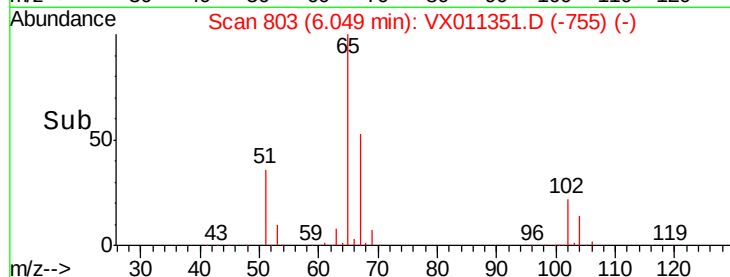
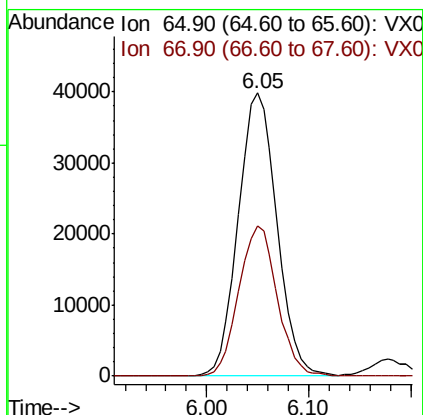
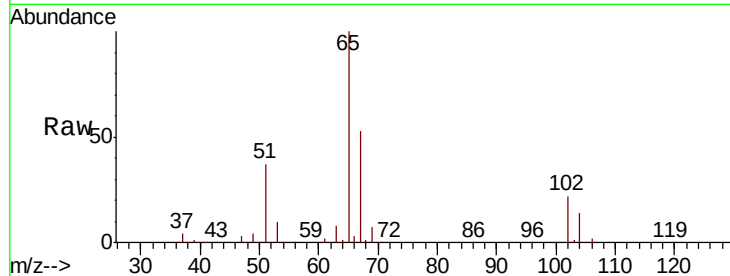




#33
 1,2-Dichloroethane-d4
 Concen: 50.328 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

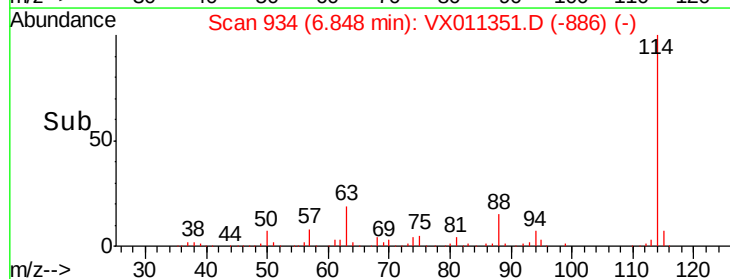
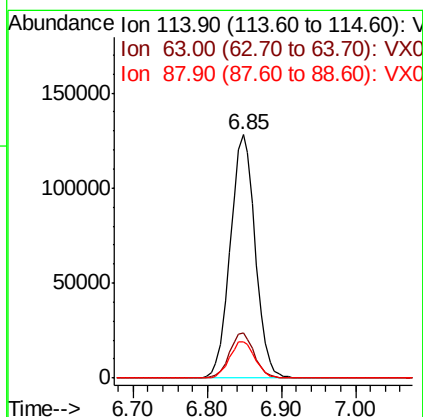
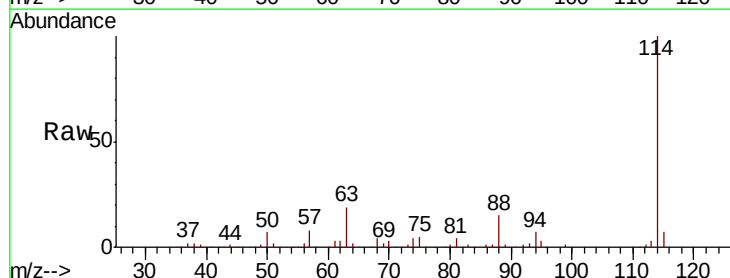
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

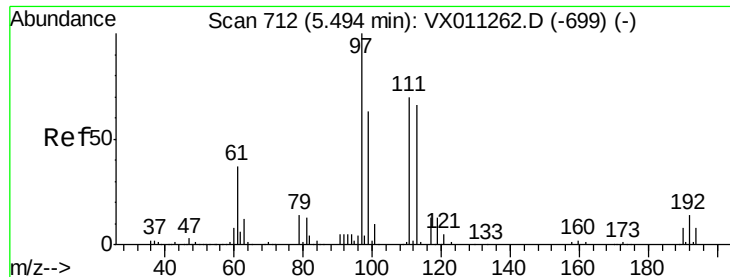
Tgt Ion: 65 Resp: 105090
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 114 Resp: 300252
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.0
 88 15.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.508 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

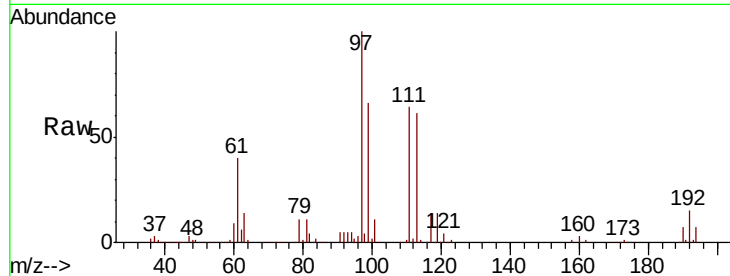
Tgt Ion:113 Resp: 91168

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

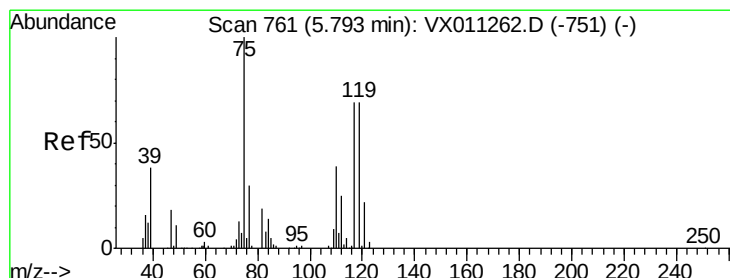
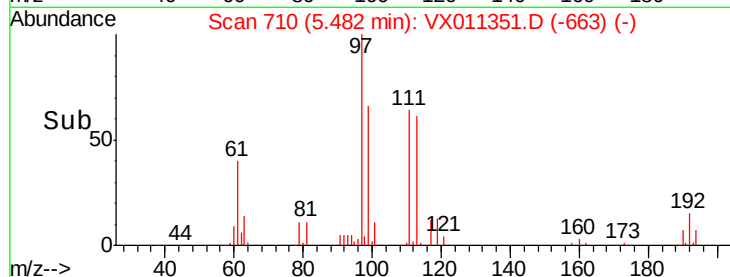
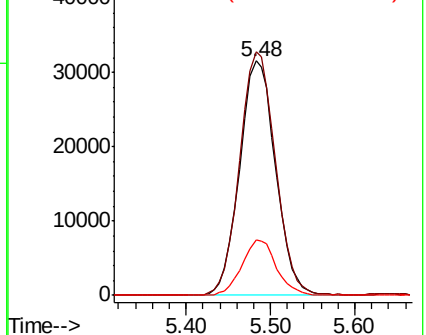
192 22.7 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.367 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

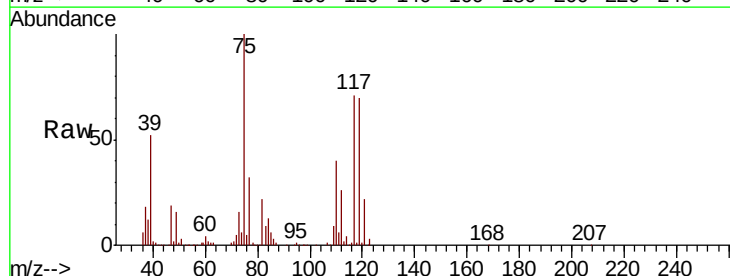
Tgt Ion: 75 Resp: 132037

Ion Ratio Lower Upper

75 100

110 38.9 20.0 59.9

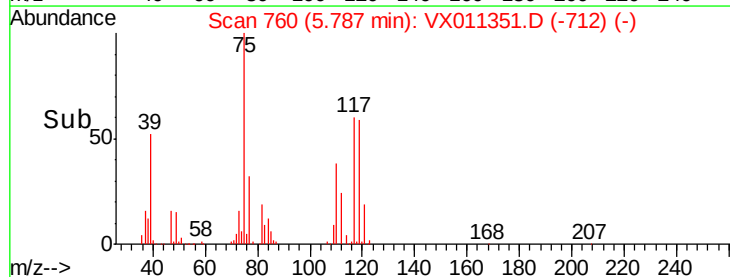
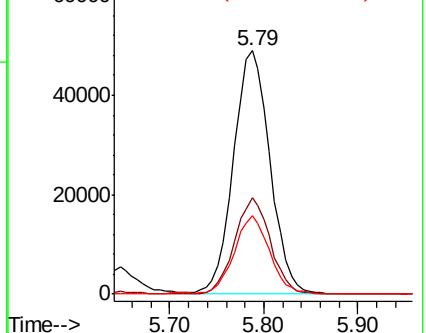
77 31.0 24.8 37.2

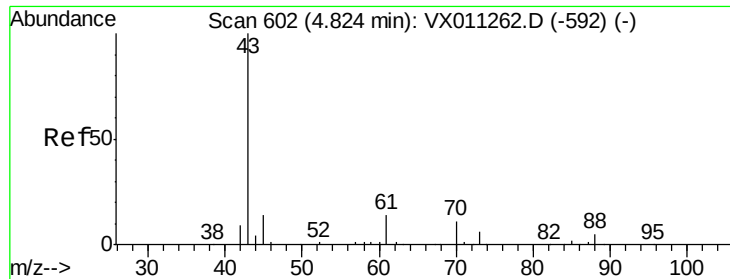


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

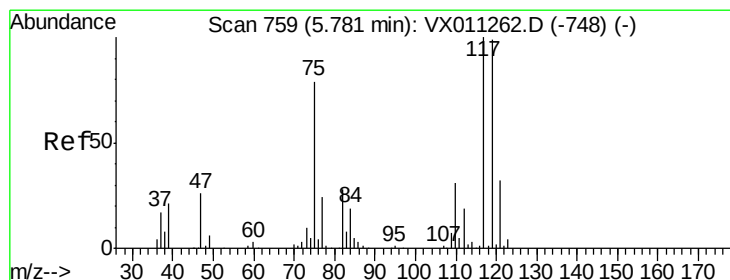
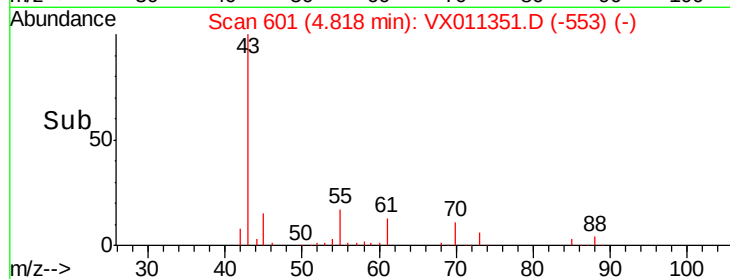
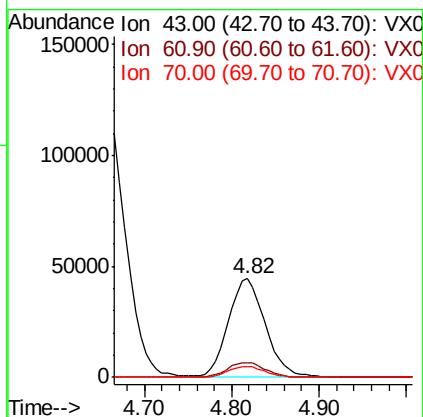
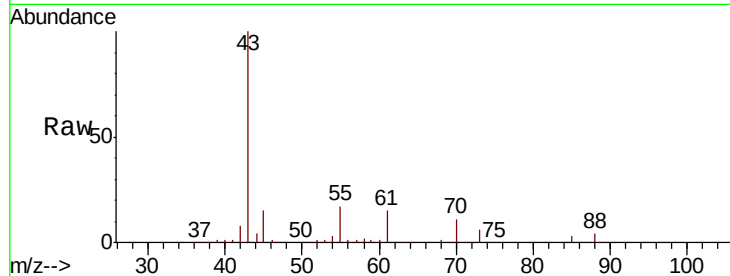




#37
 Ethyl Acetate
 Concen: 49.043 ug/l
 RT: 4.82 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

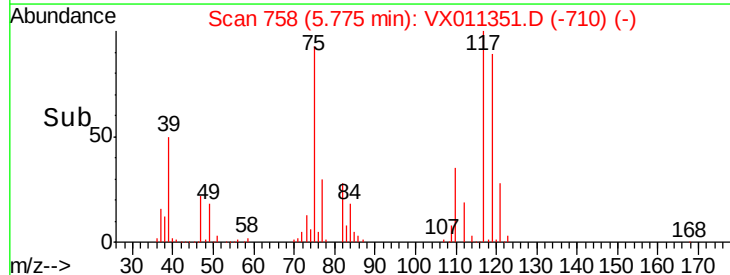
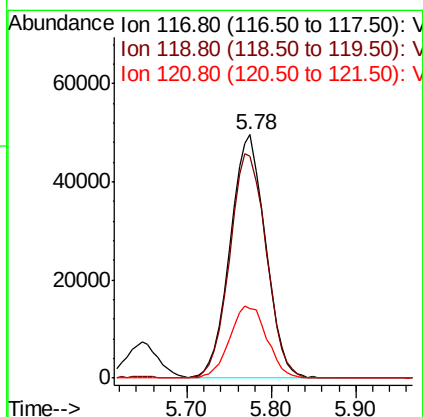
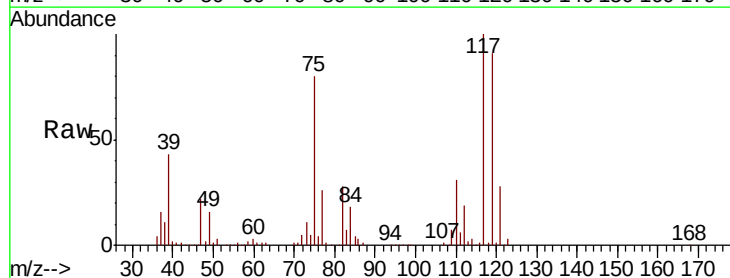
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

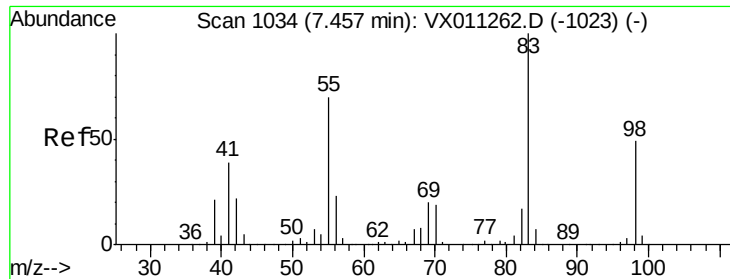
Tgt Ion: 43 Resp: 128960
 Ion Ratio Lower Upper
 43 100
 61 15.9 12.6 18.8
 70 11.4 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 53.548 ug/l
 RT: 5.78 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 117 Resp: 141228
 Ion Ratio Lower Upper
 117 100
 119 91.1 79.0 118.4
 121 28.5 25.9 38.9

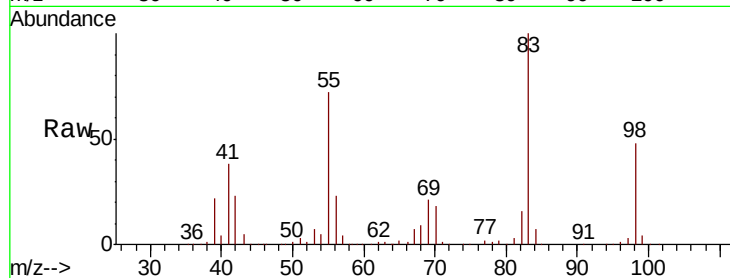




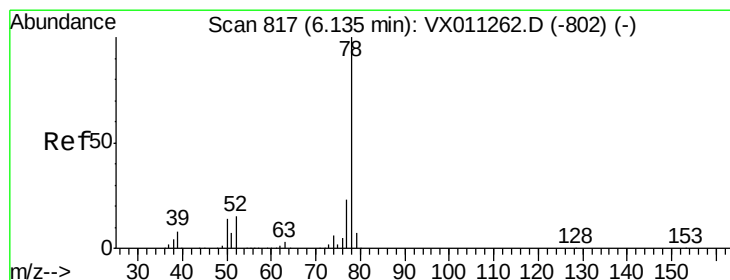
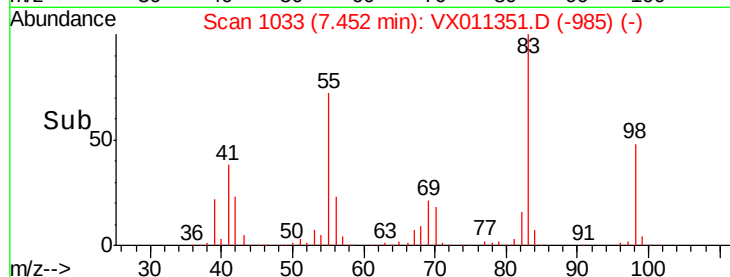
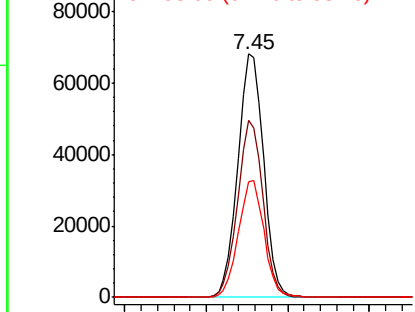
#39
Methylcyclohexane
Concen: 47.957 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 149017
Ion Ratio Lower Upper
83 100
55 72.4 56.1 84.1
98 47.7 39.0 58.4

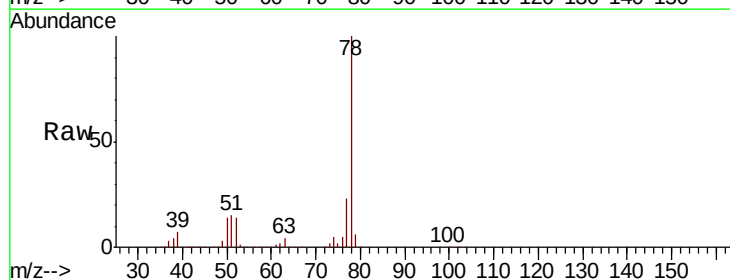


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

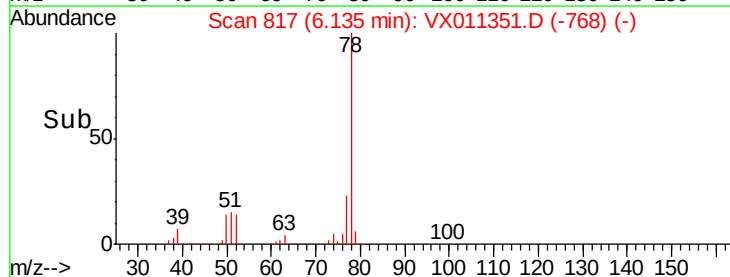
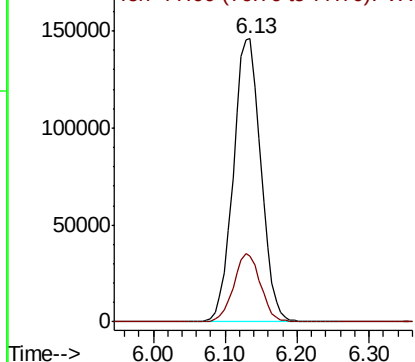


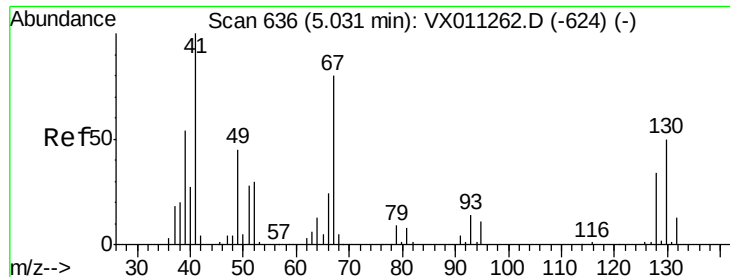
#40
Benzene
Concen: 49.632 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 78 Resp: 388256
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2



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

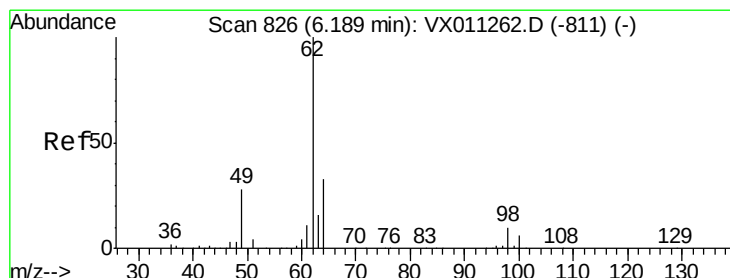
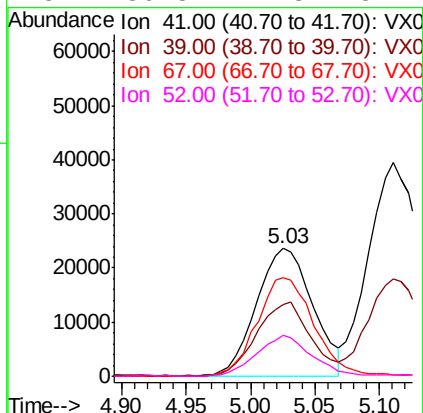
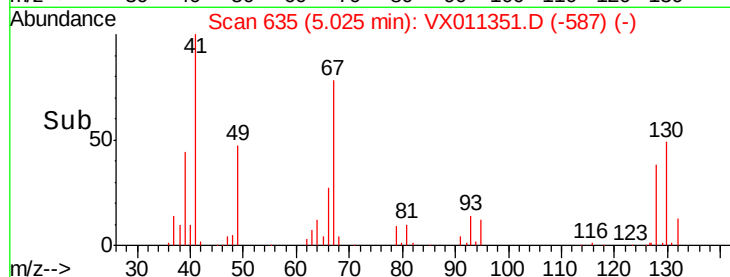
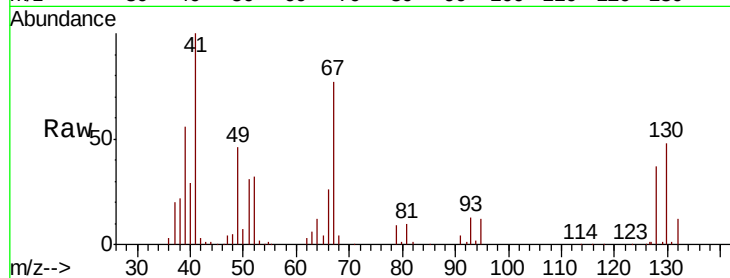




#41
Methacrylonitrile
Concen: 49.688 ug/l
RT: 5.03 min Scan# 635
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

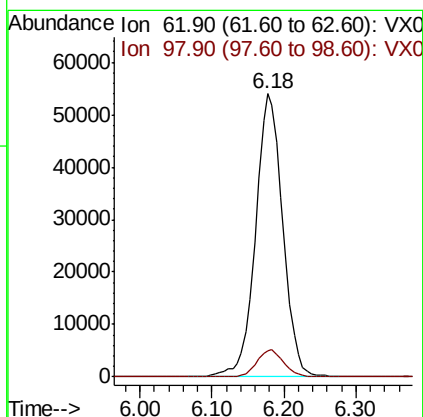
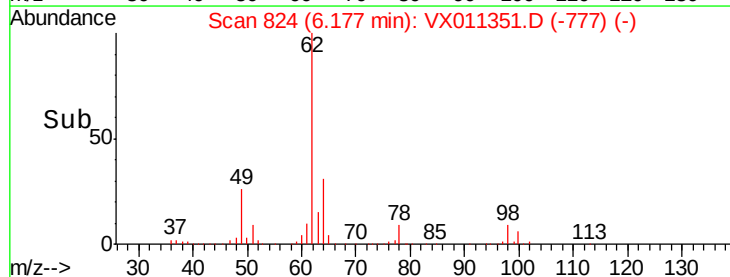
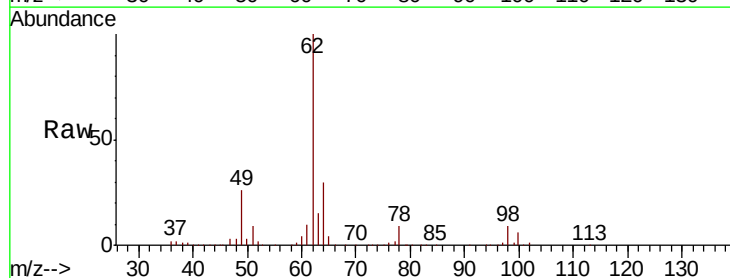
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

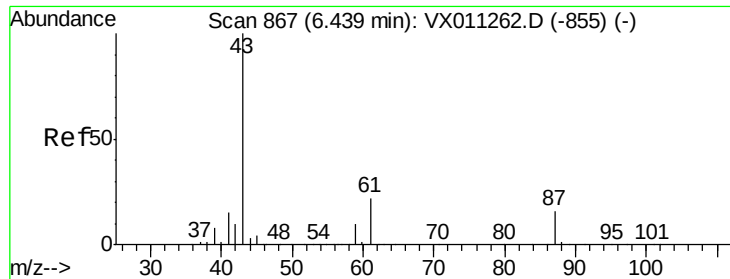
Tgt Ion:	41	Resp:	71356
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.0	64.6
67	78.5	65.1	97.7
52	30.8	24.8	37.2



#42
1,2-Dichloroethane
Concen: 53.661 ug/l
RT: 6.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion:	62	Resp:	141945
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 50.290 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

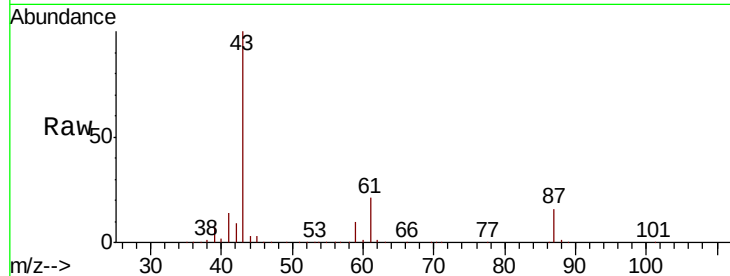
Tgt Ion: 43 Resp: 211420

Ion Ratio Lower Upper

43 100

61 21.2 16.5 24.7

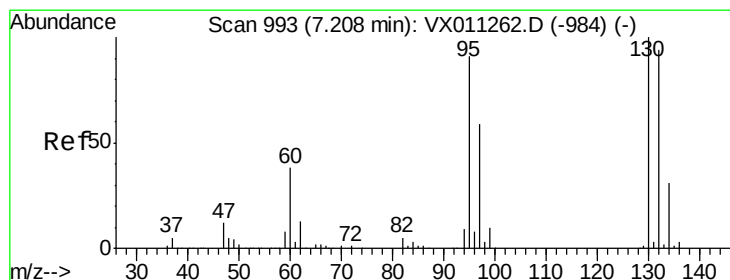
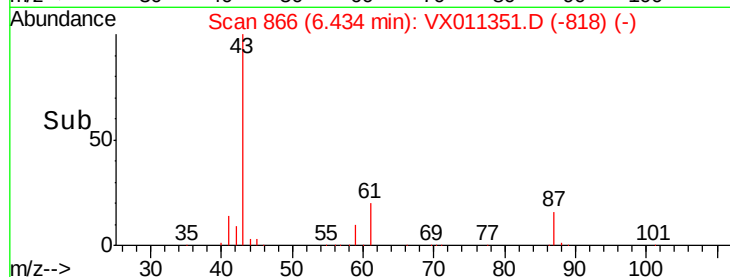
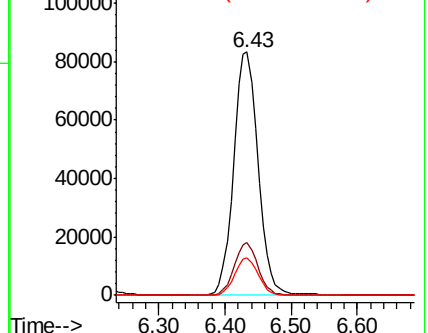
87 15.1 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.865 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX011351.D

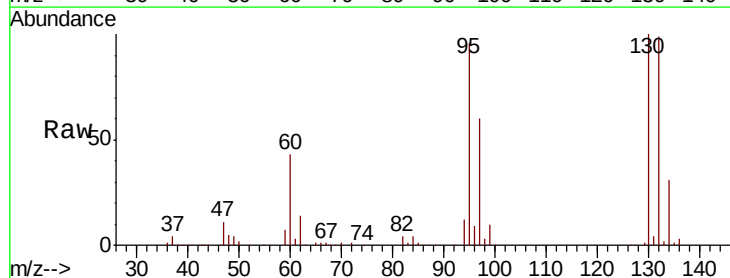
Acq: 06 Aug 2019 16:25

Tgt Ion: 130 Resp: 115703

Ion Ratio Lower Upper

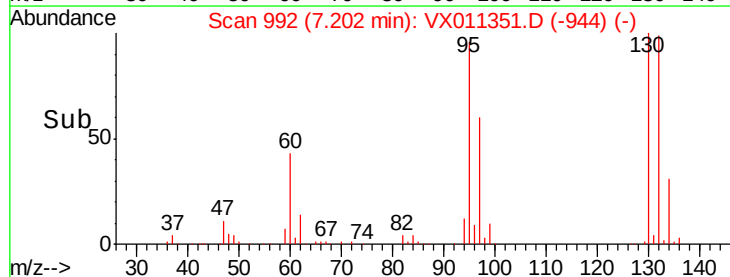
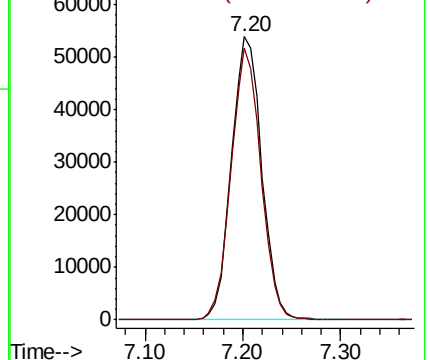
130 100

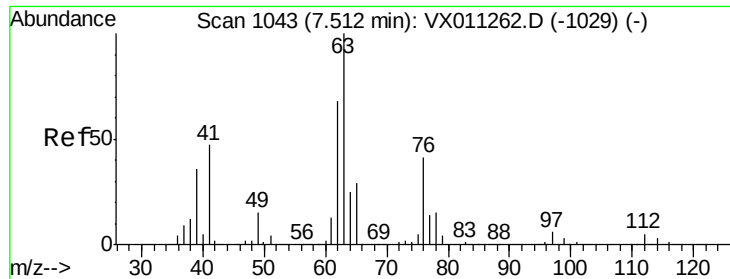
95 95.8 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

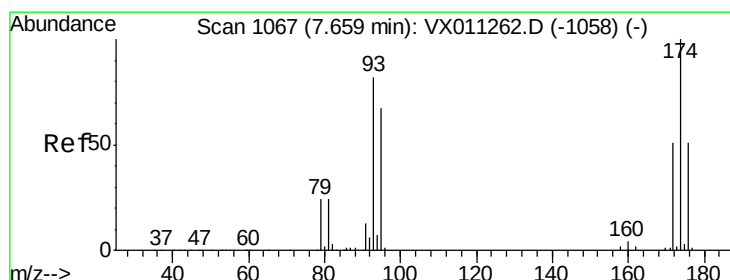
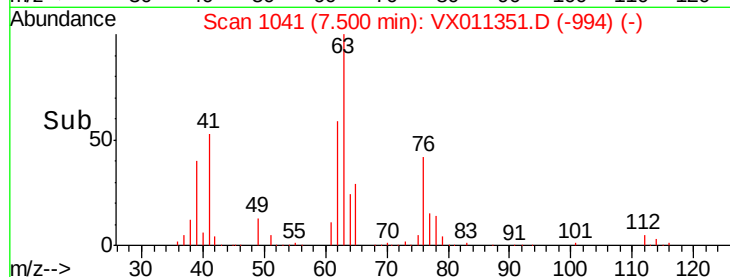
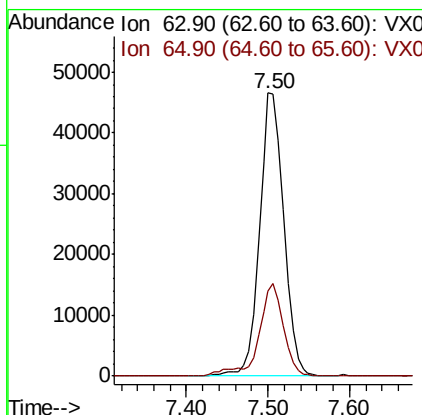
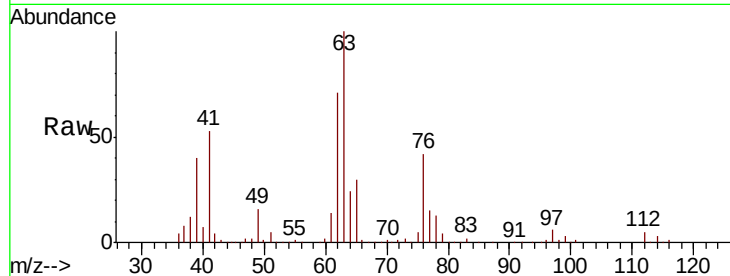




#45
 1,2-Dichloropropane
 Concen: 47.855 ug/l
 RT: 7.50 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

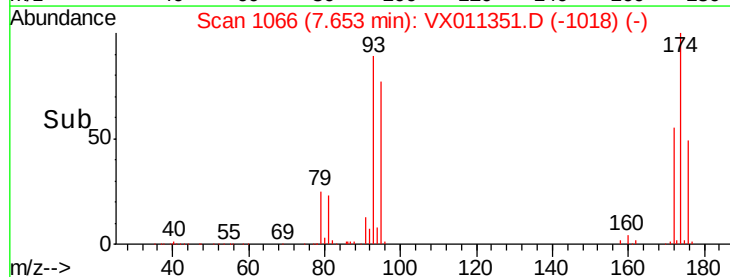
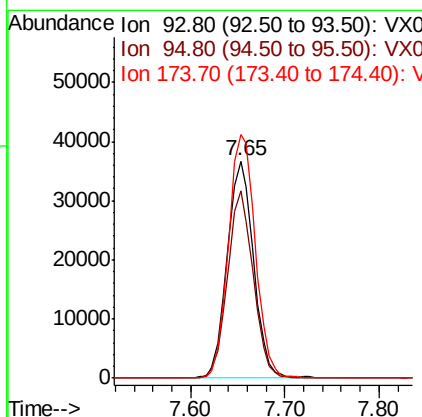
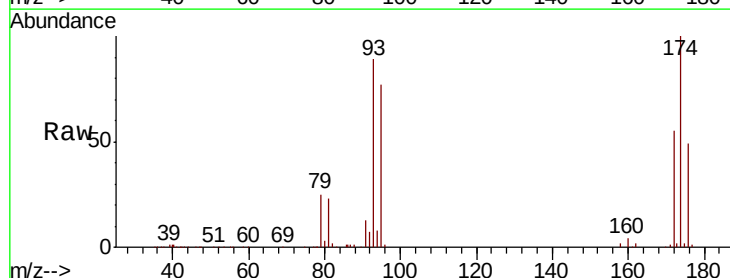
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

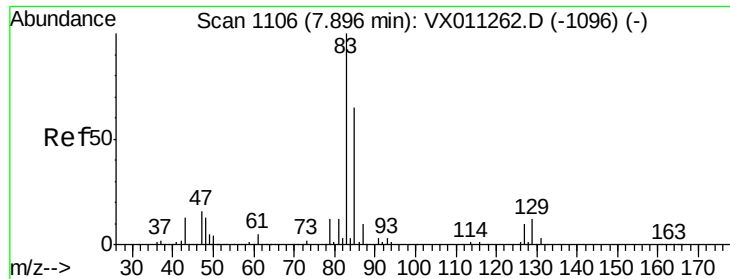
Tgt Ion: 63 Resp: 96952
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.3 34.9



#46
 Dibromomethane
 Concen: 48.190 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 93 Resp: 71272
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 114.5 93.4 140.2





#47

Bromodichloromethane

Concen: 52.670 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

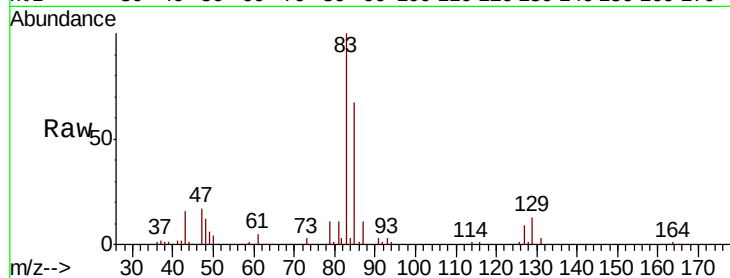
Tgt Ion: 83 Resp: 131886

Ion Ratio Lower Upper

83 100

85 66.8 52.2 78.2

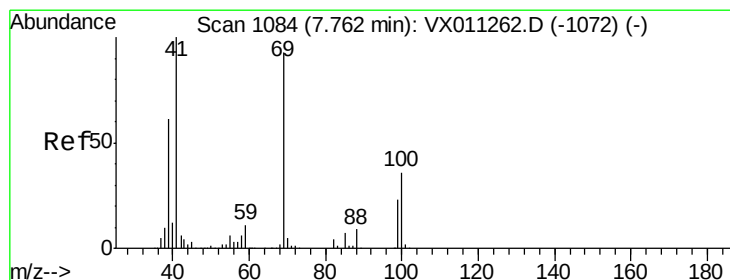
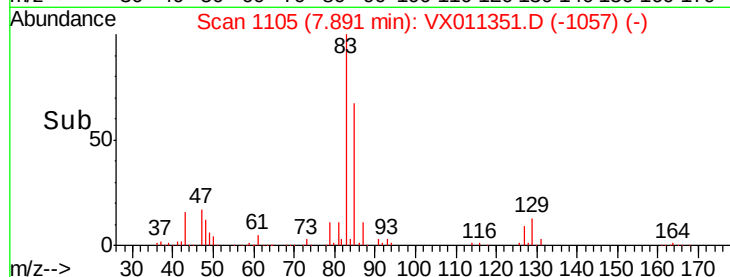
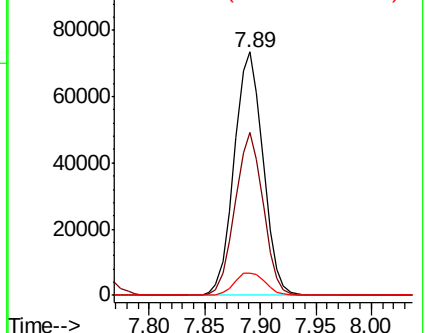
127 9.3 7.8 11.8



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: 52.353 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

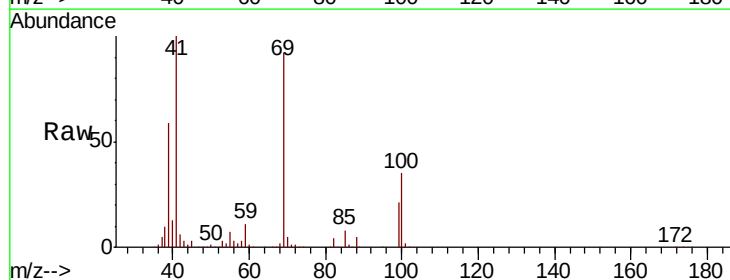
Tgt Ion: 41 Resp: 103579

Ion Ratio Lower Upper

41 100

69 90.3 74.5 111.7

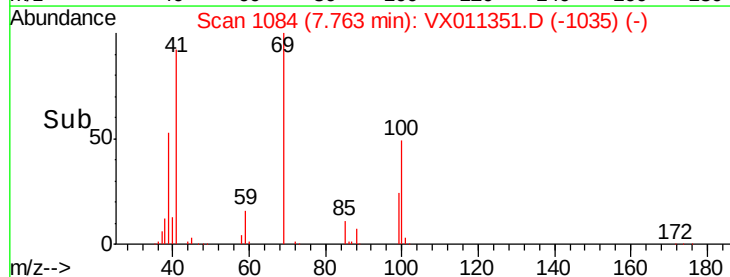
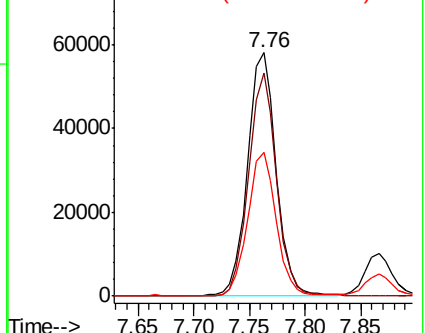
39 58.7 48.6 72.8

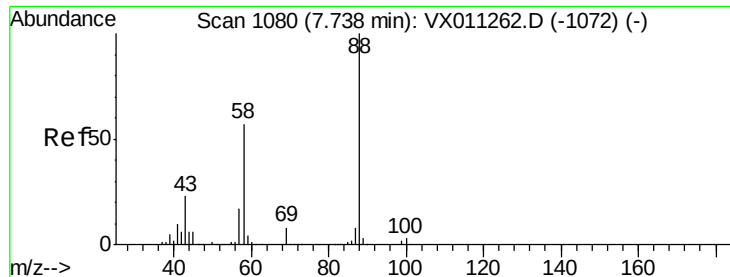


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

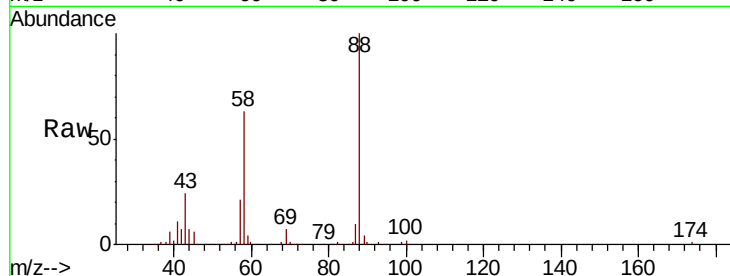




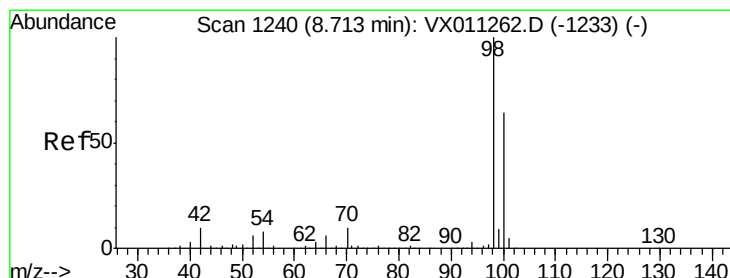
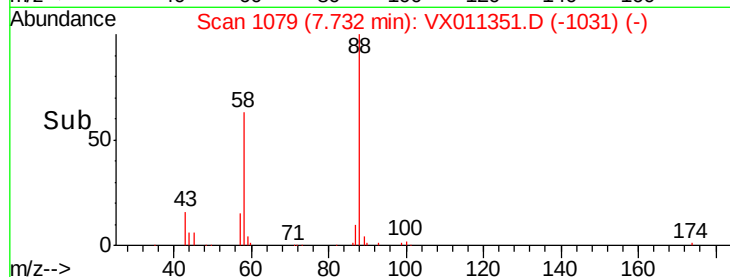
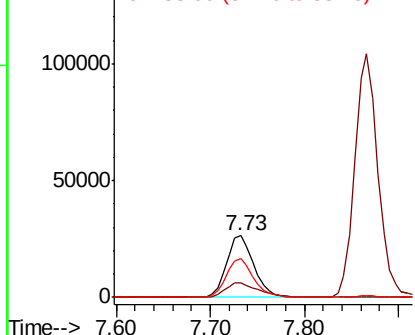
#49
1,4-Dioxane
Concen: 925.613 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 53091
Ion Ratio Lower Upper
88 100
43 28.0 22.2 33.2
58 63.6 47.8 71.8

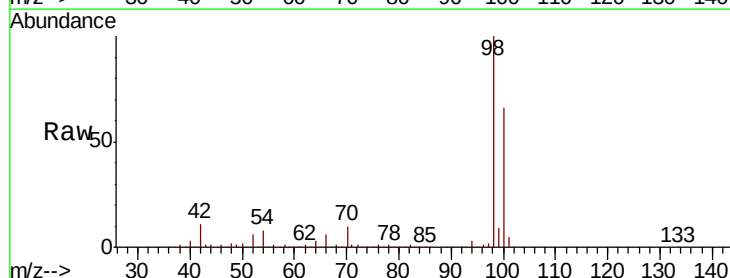


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

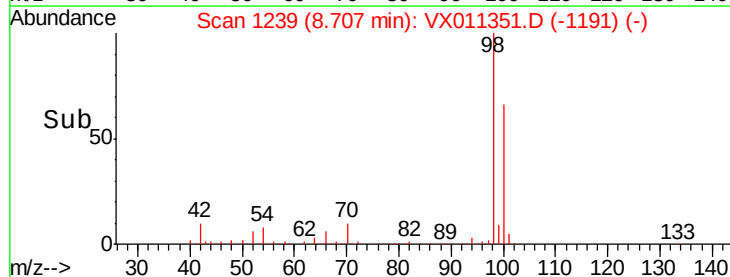
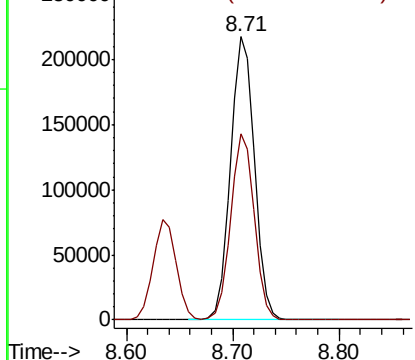


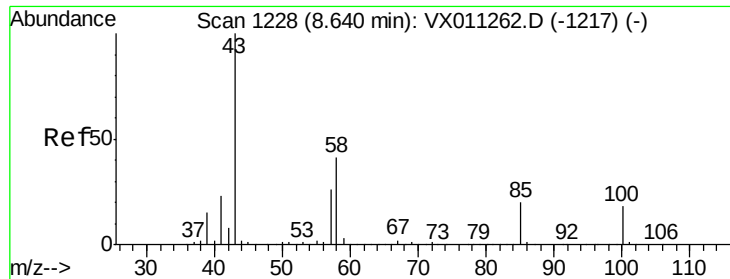
#50
Toluene-d8
Concen: 46.352 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 98 Resp: 342979
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 248.852 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

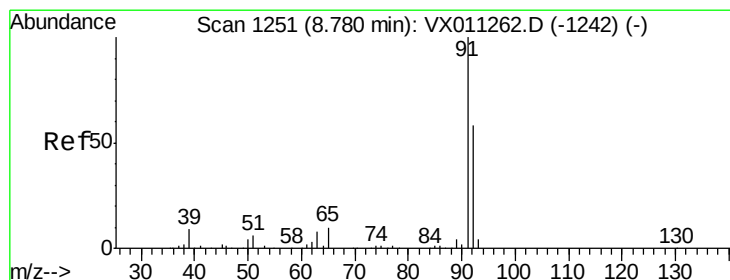
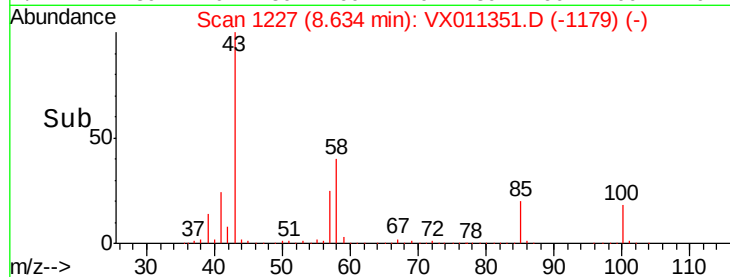
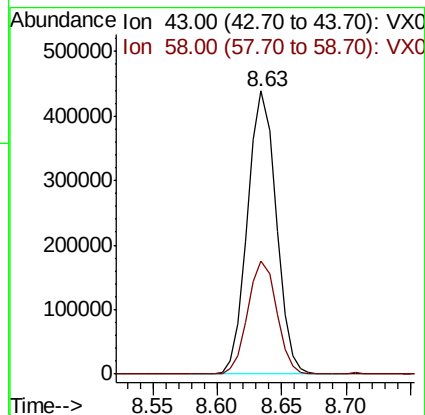
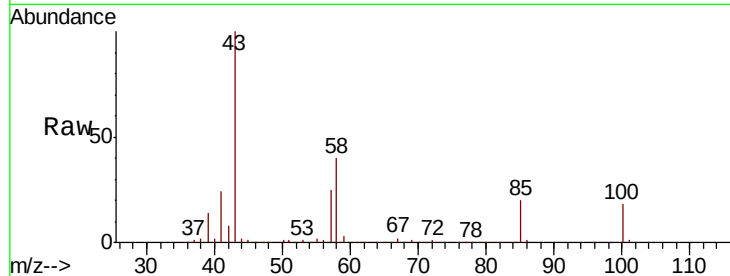
VSTDCCC050EC

Tgt Ion: 43 Resp: 675166

Ion Ratio Lower Upper

43 100

58 40.1 32.3 48.5



#52

Toluene

Concen: 49.440 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011351.D

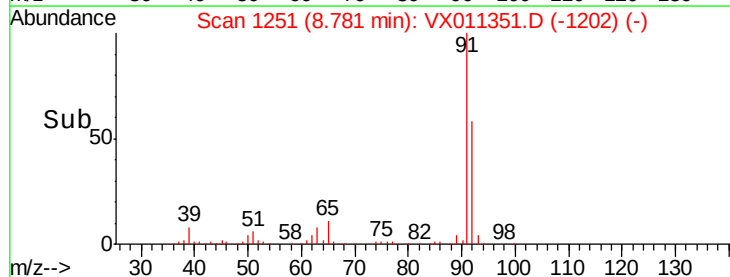
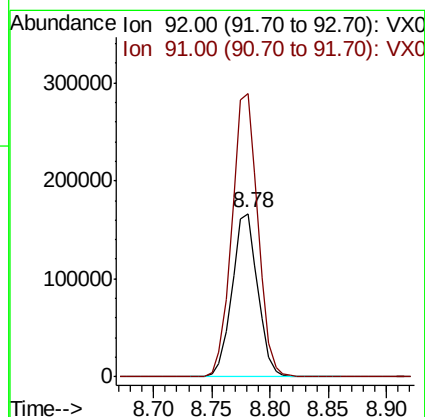
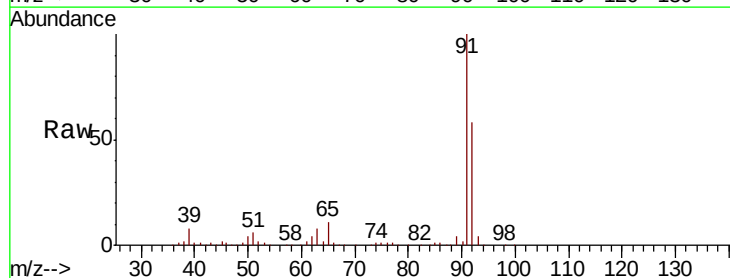
Acq: 06 Aug 2019 16:25

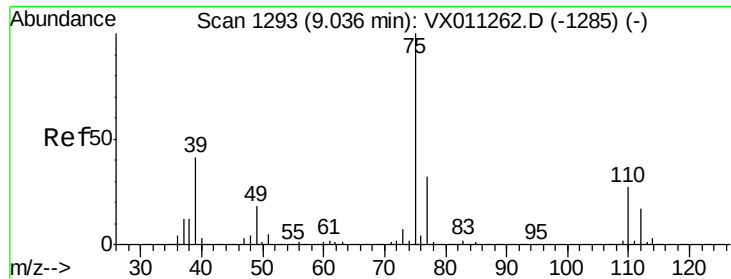
Tgt Ion: 92 Resp: 255711

Ion Ratio Lower Upper

92 100

91 175.4 139.4 209.0

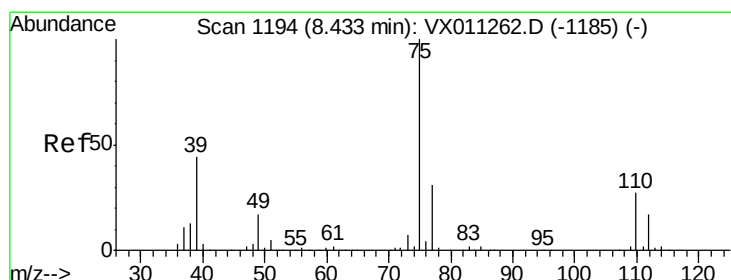
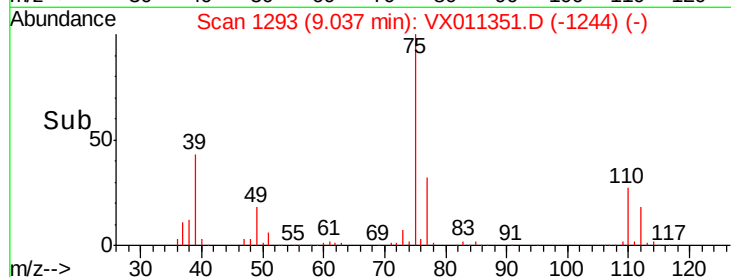
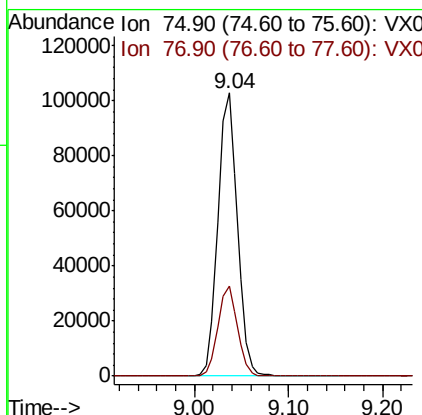
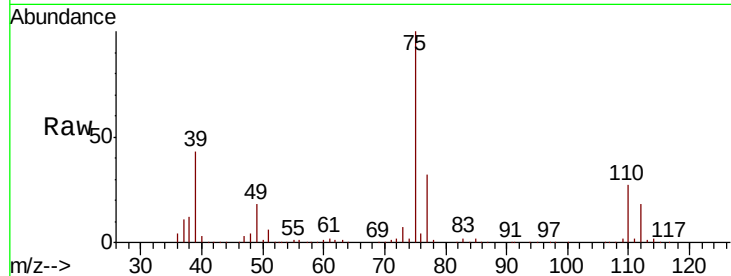




#53
t-1,3-Dichloropropene
Concen: 50.707 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

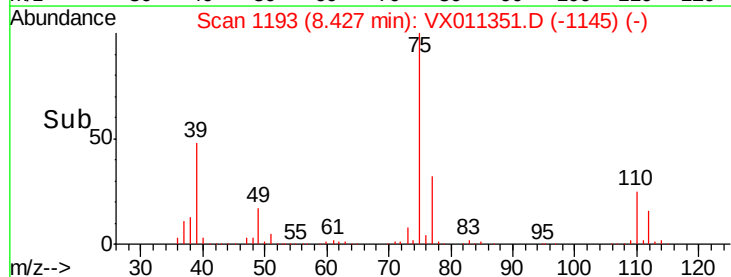
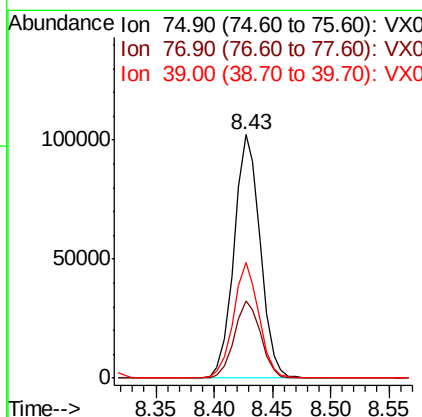
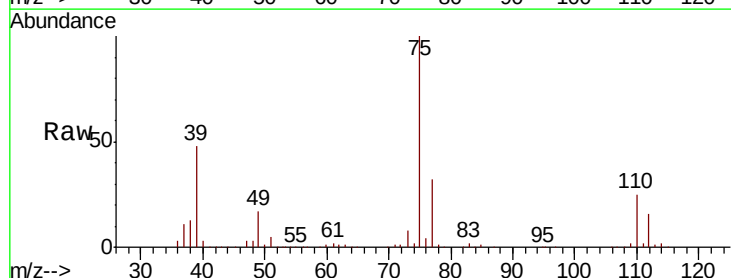
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

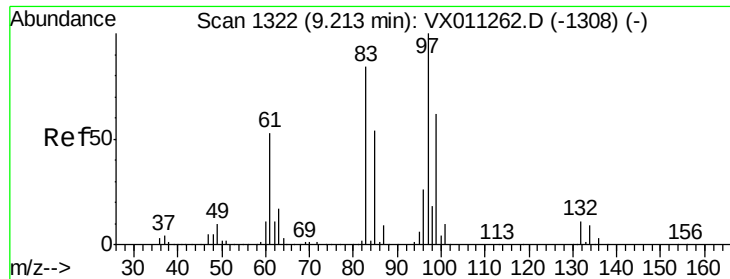
Tgt Ion: 75 Resp: 147994
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 54.735 ug/l
RT: 8.43 min Scan# 1193
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 75 Resp: 160101
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 47.6 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 49.953 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 106227

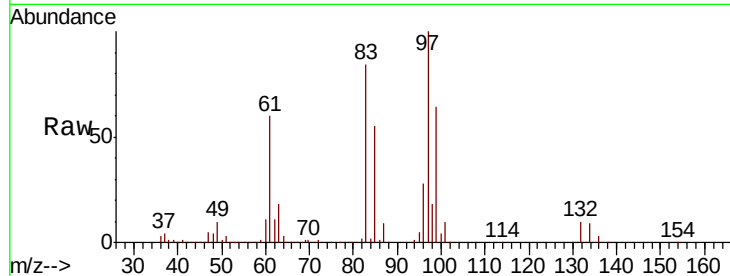
Ion Ratio Lower Upper

97 100

83 84.4 67.6 101.4

85 55.2 43.4 65.0

99 64.2 49.6 74.4

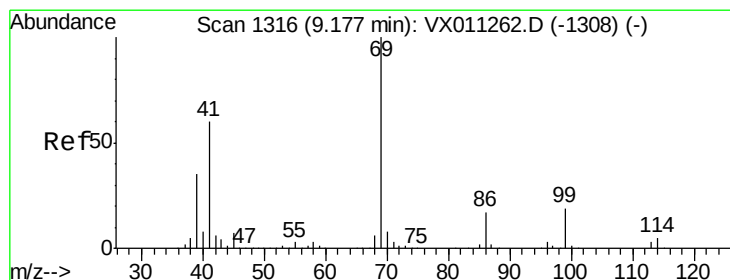
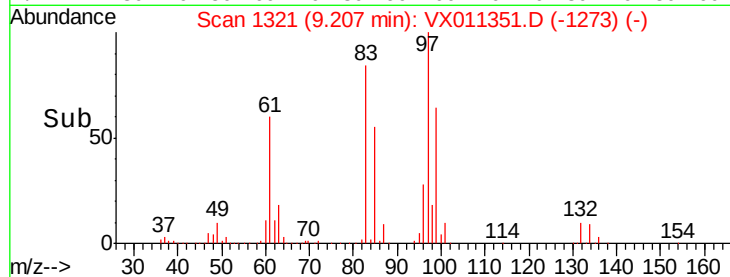
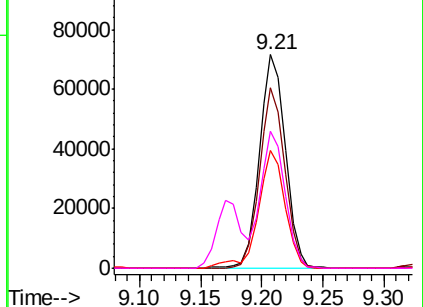


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.720 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

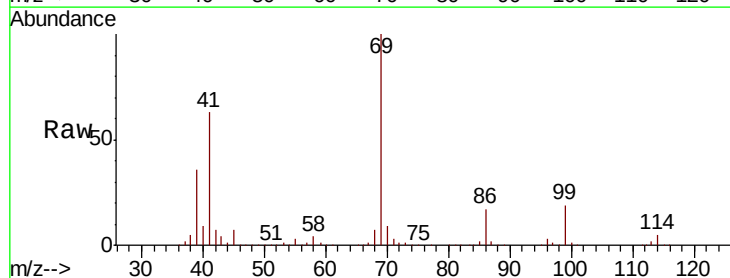
Tgt Ion: 69 Resp: 159767

Ion Ratio Lower Upper

69 100

41 62.6 48.6 73.0

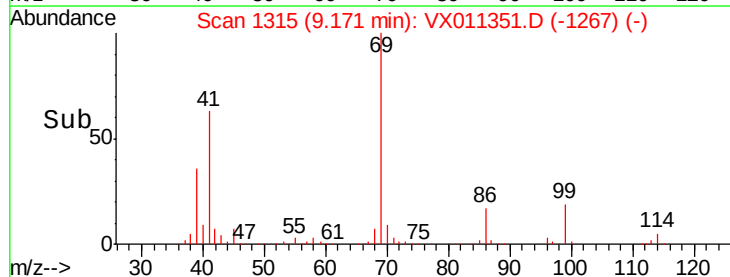
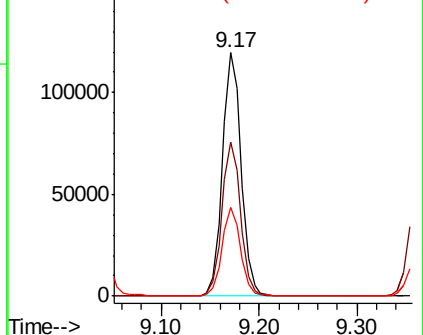
39 35.7 29.4 44.2

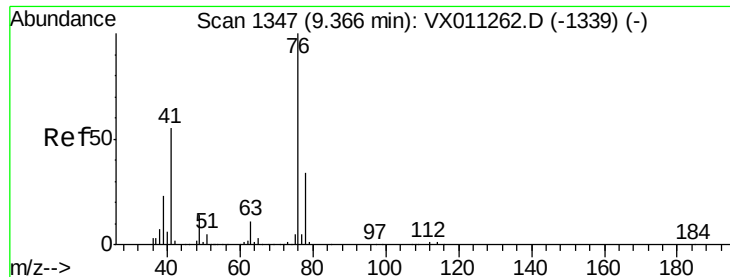


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

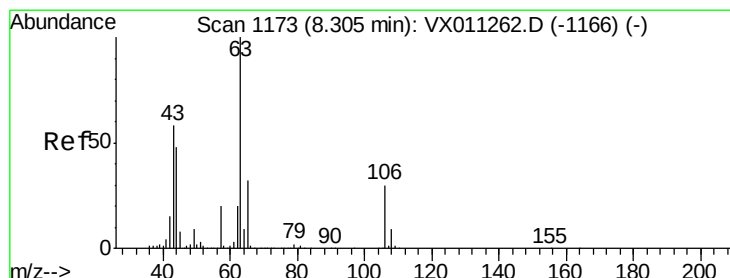
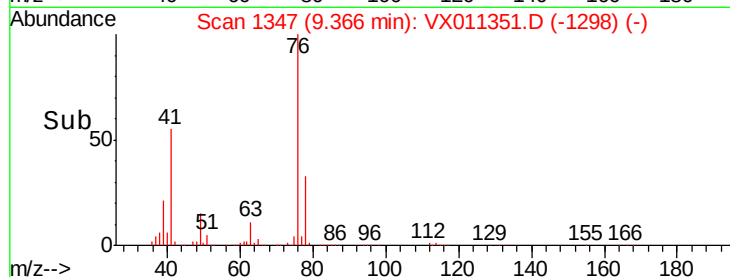
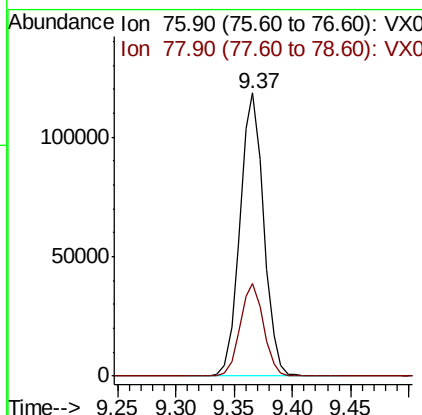
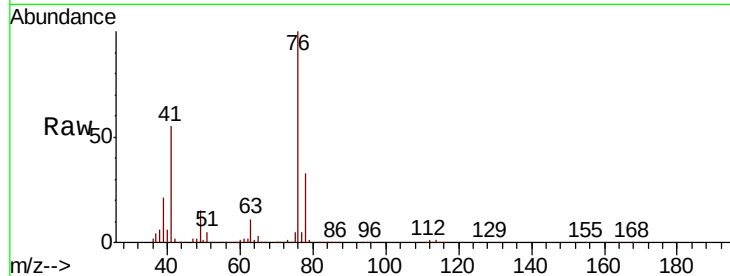




#57
 1,3-Dichloropropane
 Concen: 50.248 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

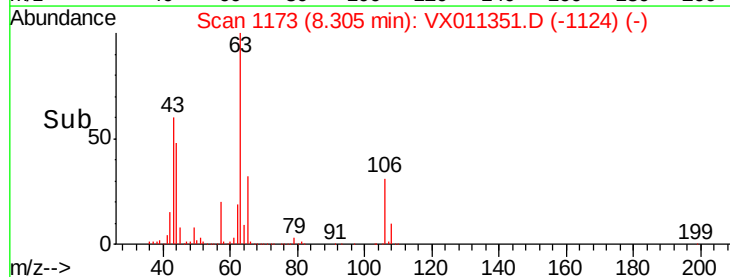
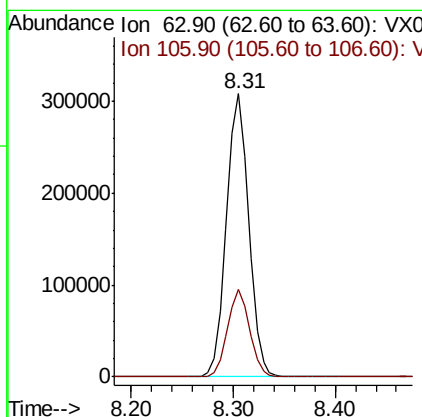
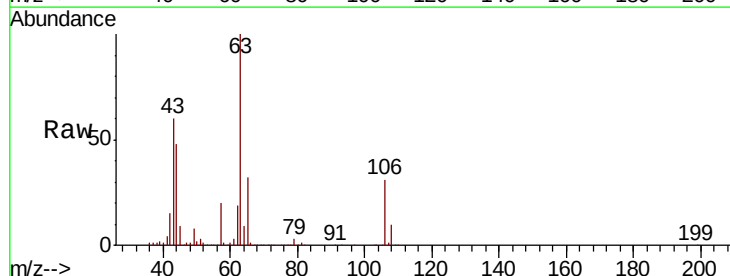
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

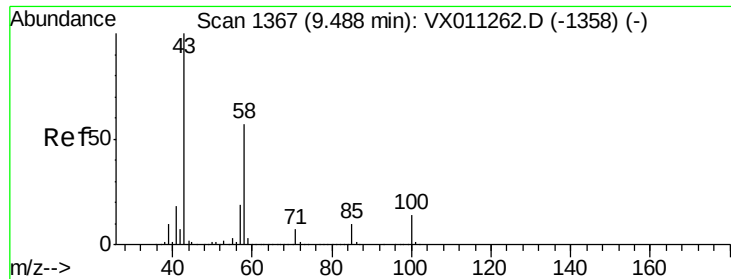
Tgt Ion: 76 Resp: 168990
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 312.866 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 63 Resp: 466186
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.4 36.6

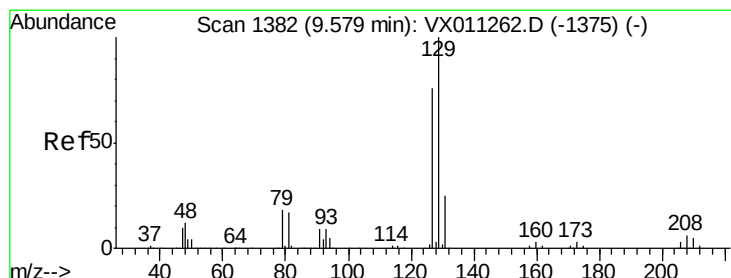
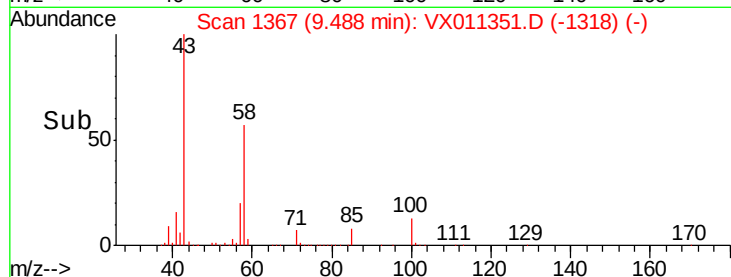
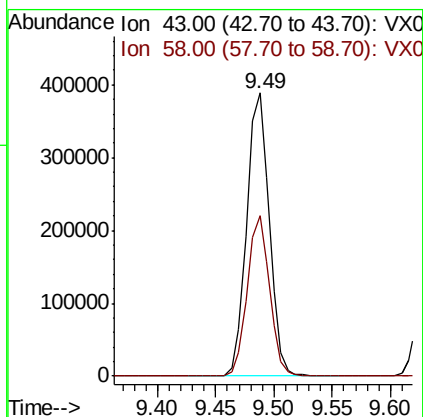
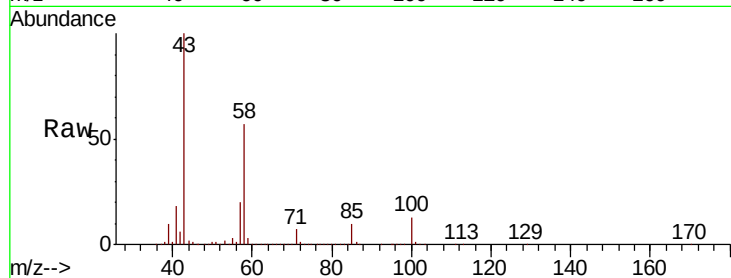




#59
2-Hexanone
Concen: 251.609 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

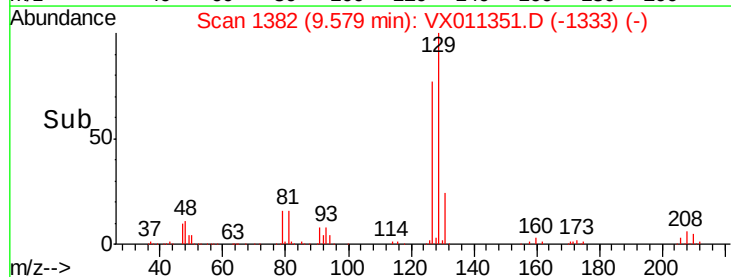
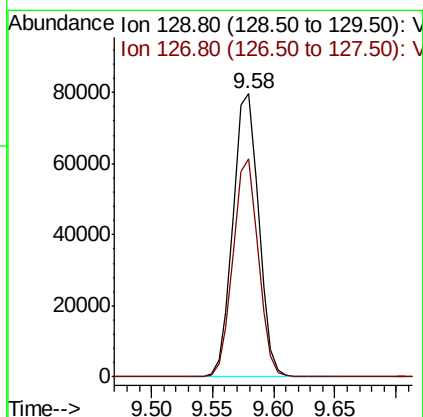
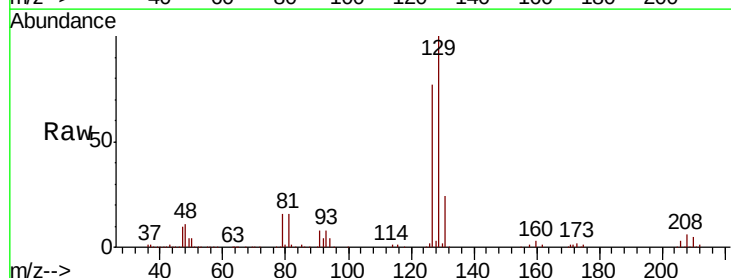
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

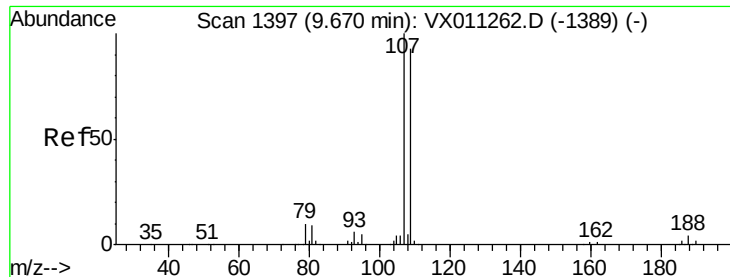
Tgt Ion: 43 Resp: 528752
Ion Ratio Lower Upper
43 100
58 55.9 28.2 84.6



#60
Dibromochloromethane
Concen: 53.196 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 129 Resp: 115818
Ion Ratio Lower Upper
129 100
127 75.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 50.063 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

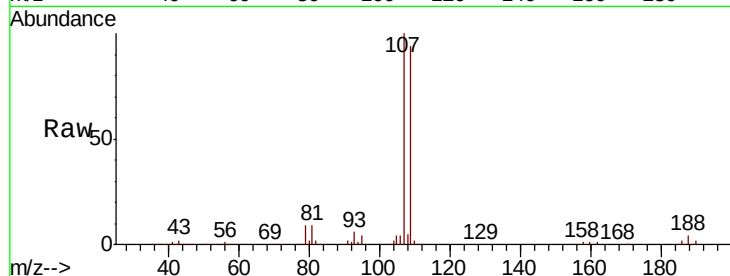
VSTDCCC050EC

Tgt Ion: 107 Resp: 115020

Ion Ratio Lower Upper

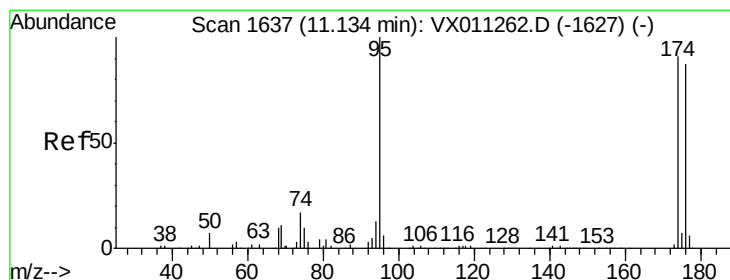
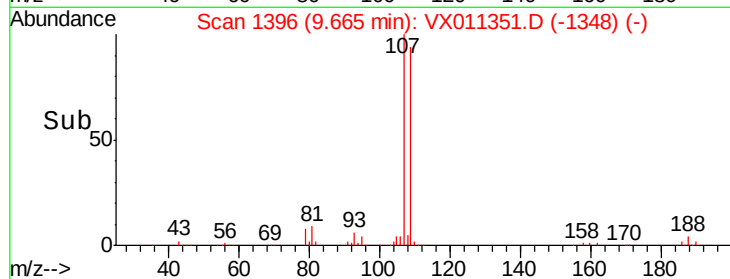
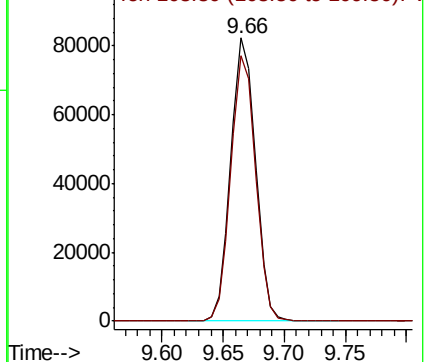
107 100

109 94.3 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: 51.514 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

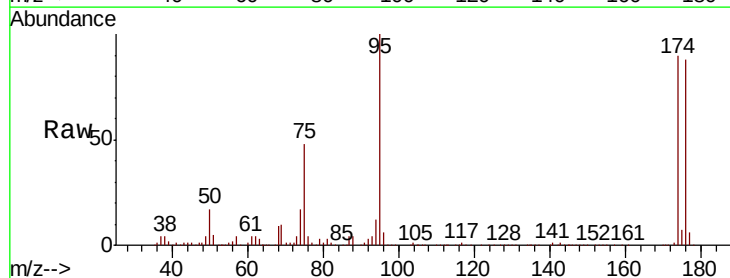
Tgt Ion: 95 Resp: 136091

Ion Ratio Lower Upper

95 100

174 89.3 0.0 191.2

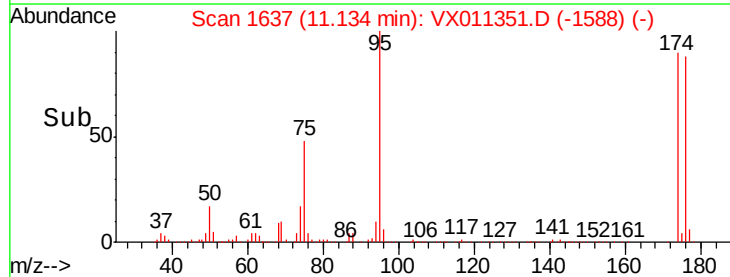
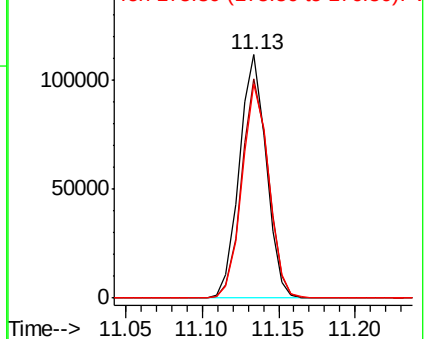
176 87.5 0.0 184.8

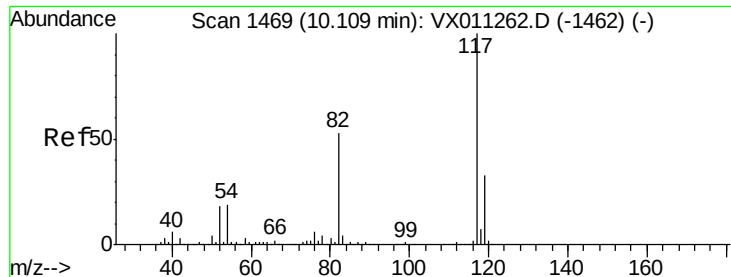


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

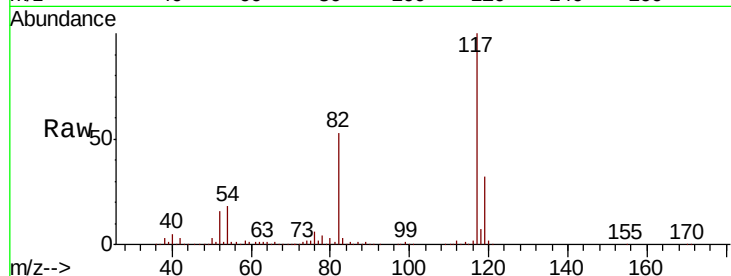




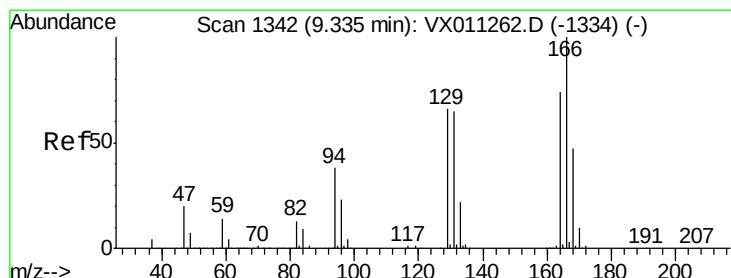
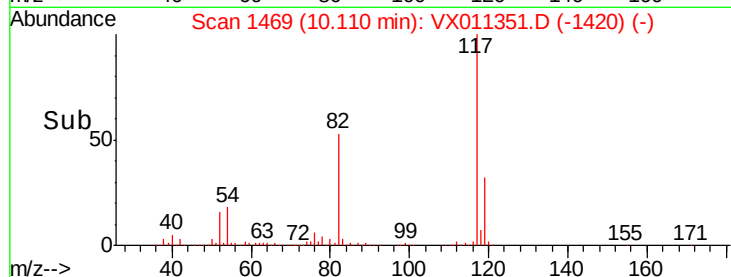
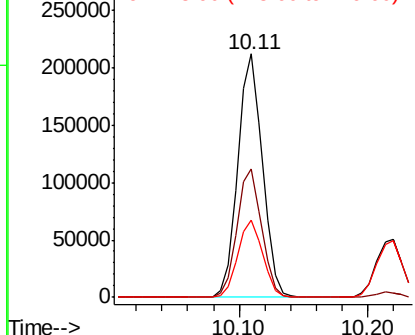
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 280293
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 31.9 26.6 39.8

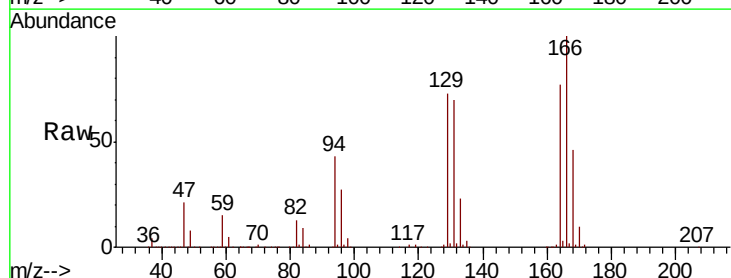


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

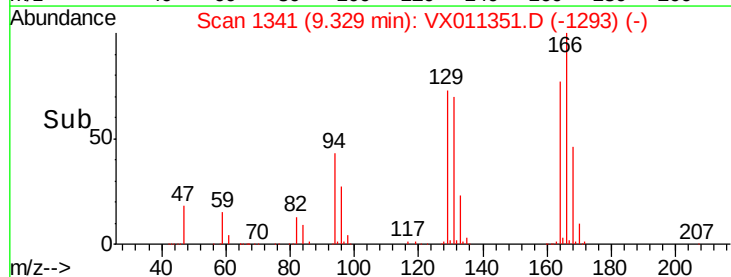
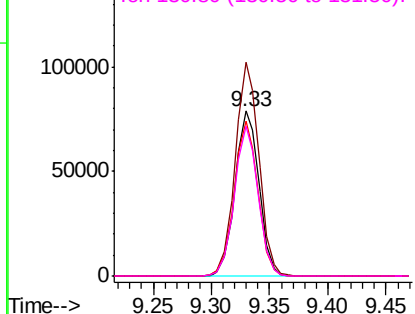


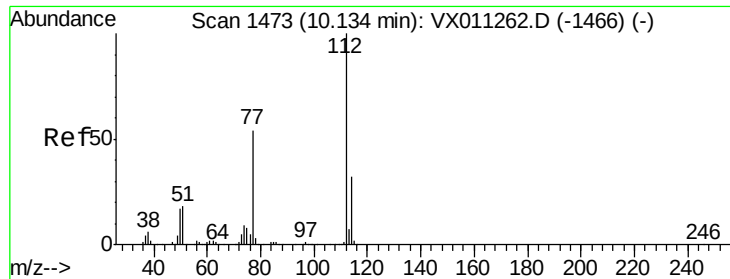
#64
Tetrachloroethene
Concen: 47.486 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion:164 Resp: 113033
Ion Ratio Lower Upper
164 100
166 129.6 107.5 161.3
129 94.3 71.0 106.4
131 90.7 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

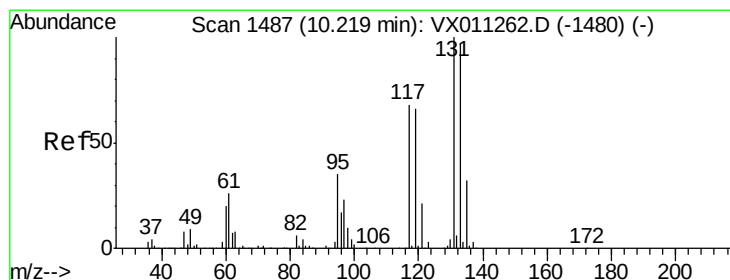
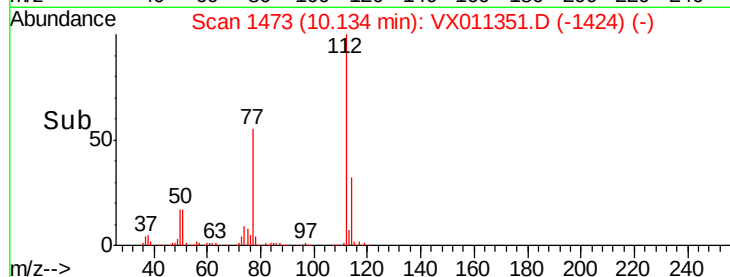
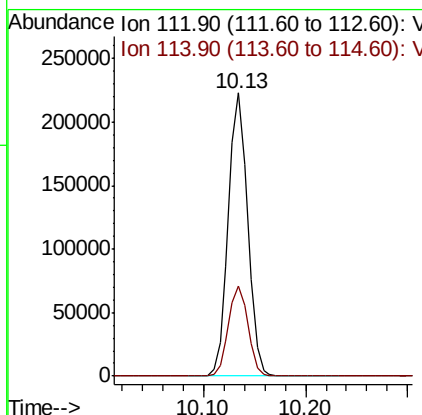
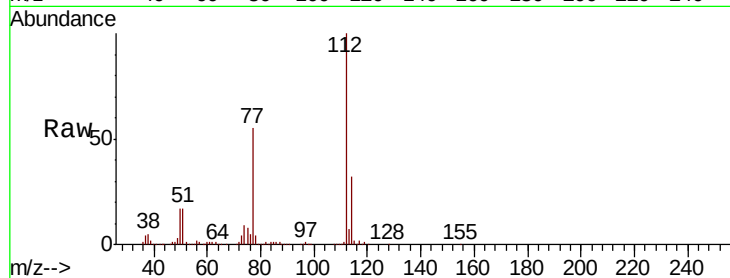




#65
Chlorobenzene
Concen: 48.608 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

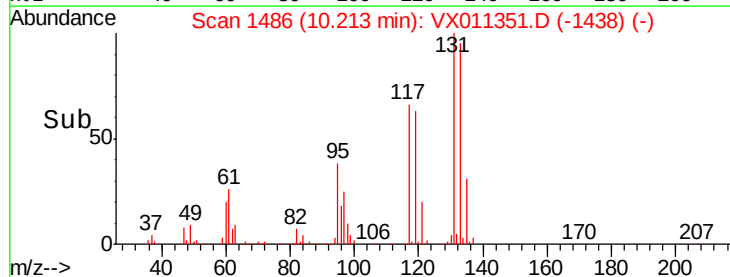
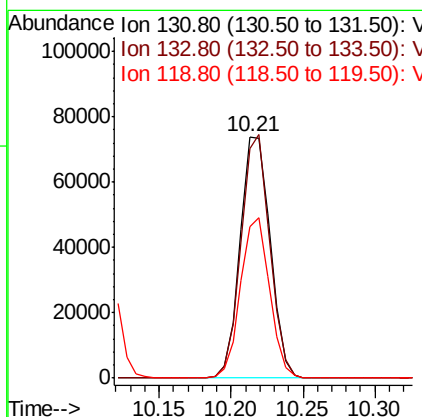
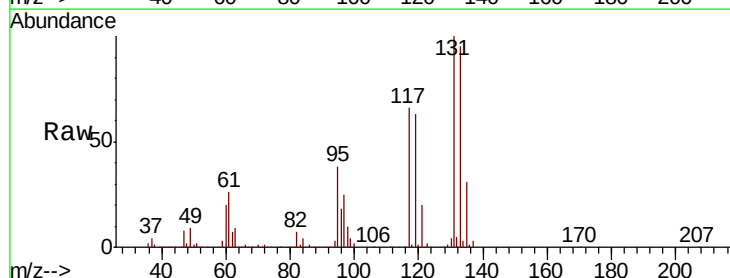
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

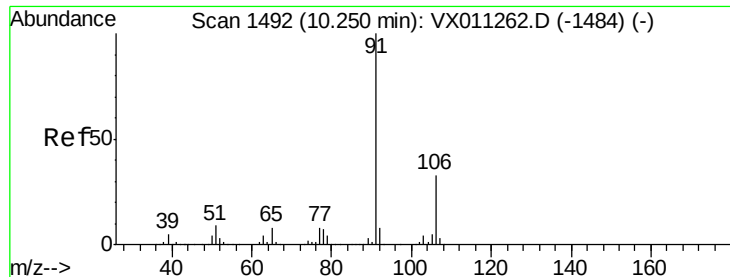
Tgt Ion:112 Resp: 292127
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.134 ug/l
RT: 10.21 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion:131 Resp: 107266
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 64.2 32.8 98.3





#67

Ethyl Benzene

Concen: 50.714 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

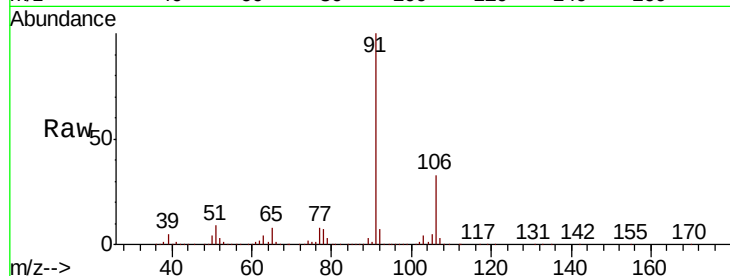
VSTDCCC050EC

Tgt Ion: 91 Resp: 510437

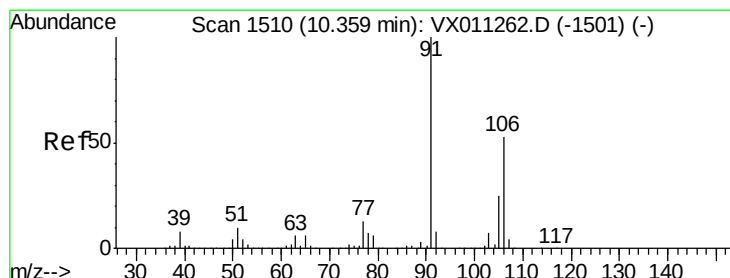
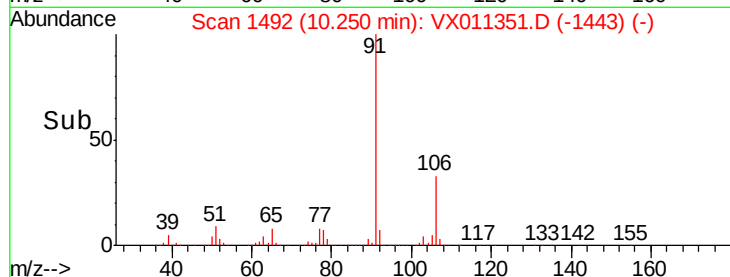
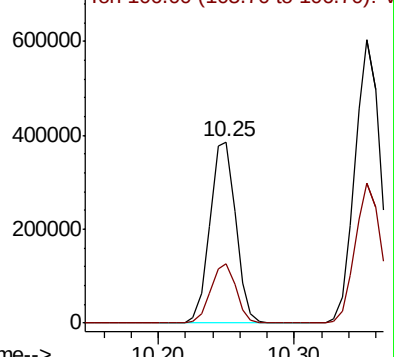
Ion Ratio Lower Upper

91 100

106 32.6 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1484) (-)



#68

m/p-Xylenes

Concen: 101.846 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011351.D

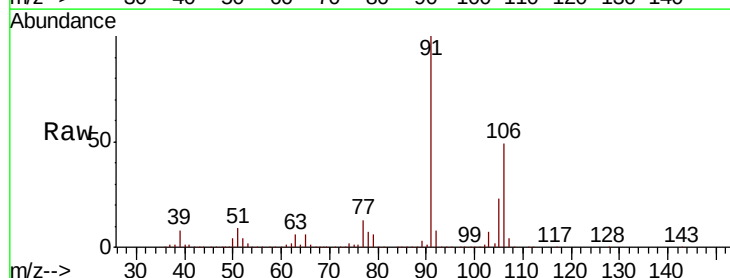
Acq: 06 Aug 2019 16:25

Tgt Ion: 106 Resp: 396500

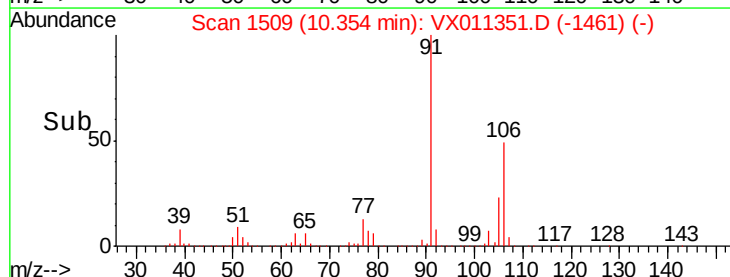
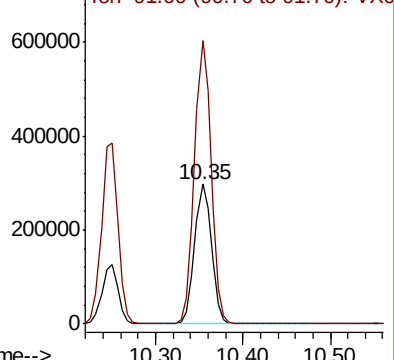
Ion Ratio Lower Upper

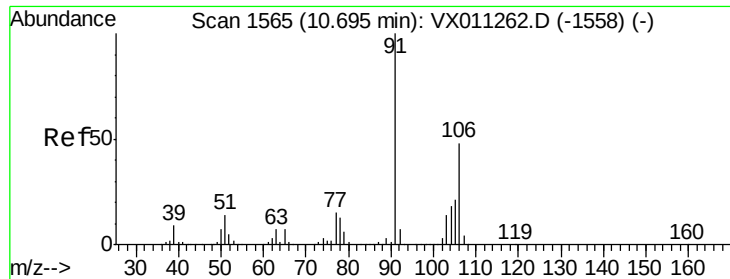
106 100

91 200.3 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VX011262.D (-1501) (-)

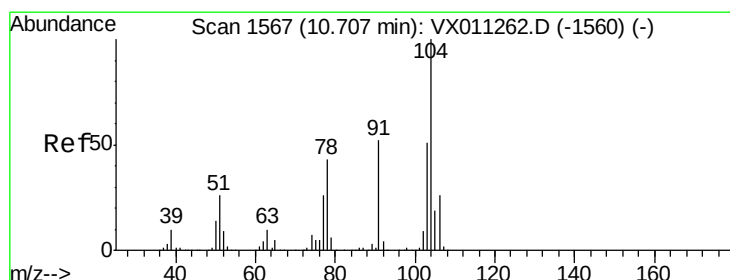
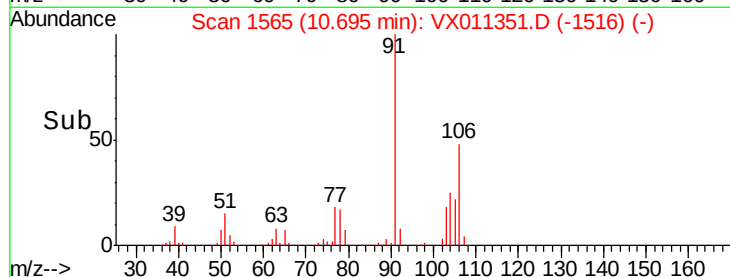
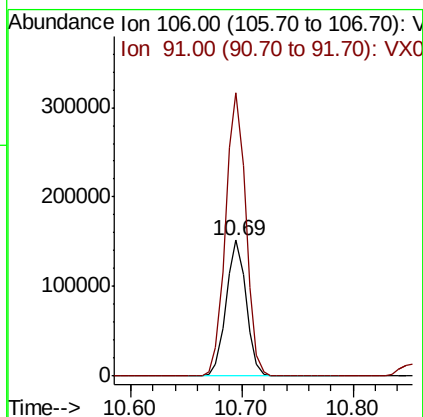
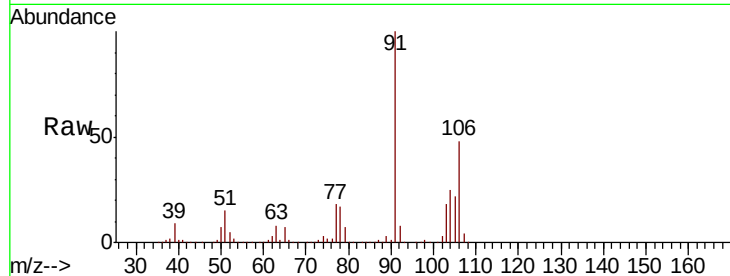




#69
o-Xylene
Concen: 49.438 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

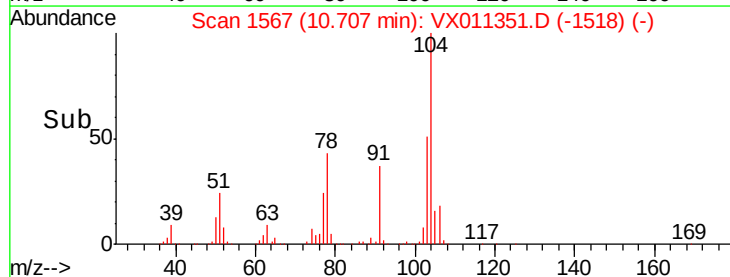
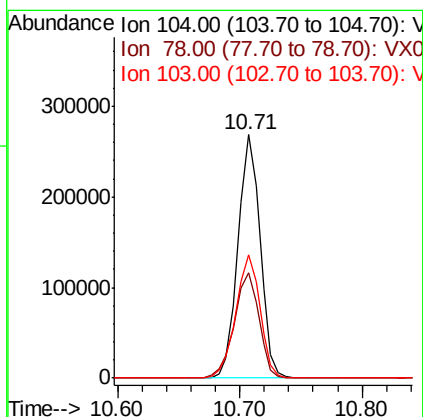
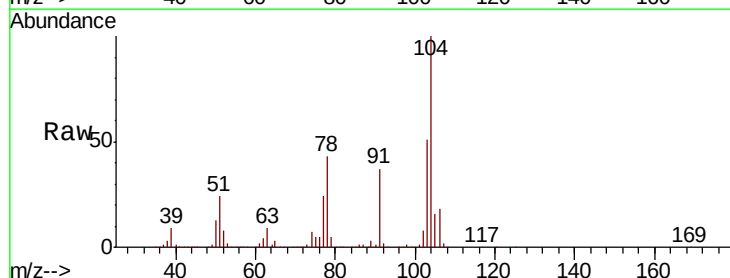
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

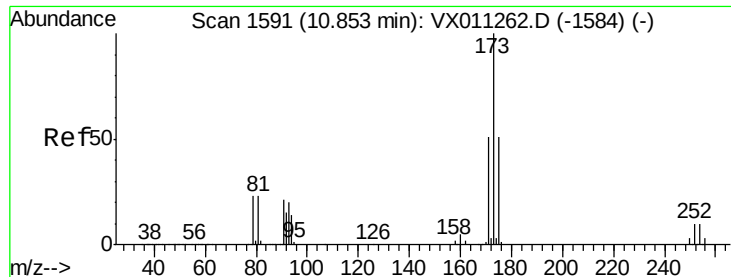
Tgt Ion:106 Resp: 189107
Ion Ratio Lower Upper
106 100
91 210.8 103.8 311.3



#70
Styrene
Concen: 52.879 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion:104 Resp: 334682
Ion Ratio Lower Upper
104 100
78 48.3 36.9 55.3
103 55.4 44.4 66.6





#71

Bromoform

Concen: 46.813 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

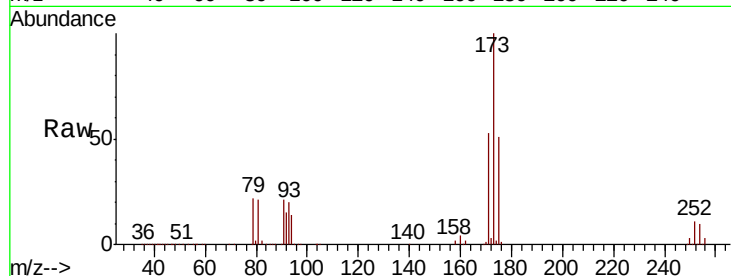
Tgt Ion:173 Resp: 85768

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

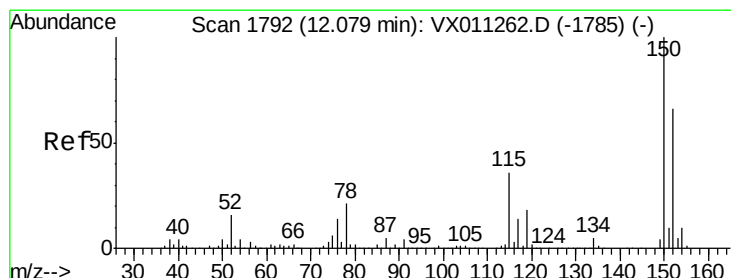
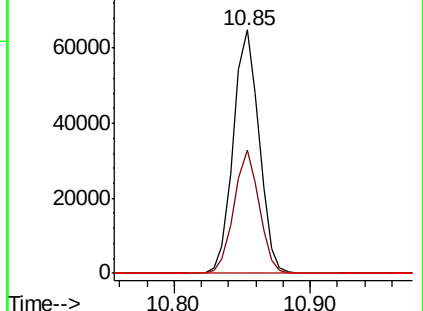
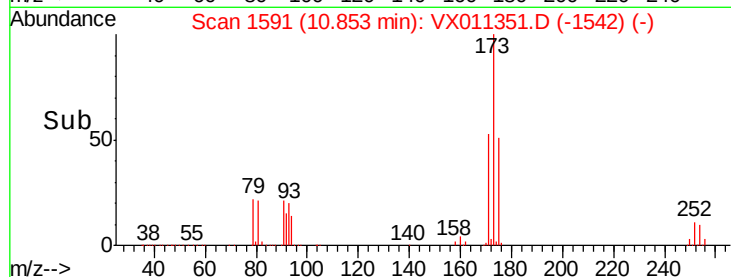
254 0.2 0.2 0.2



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: VX011351.D

Acq: 06 Aug 2019 16:25

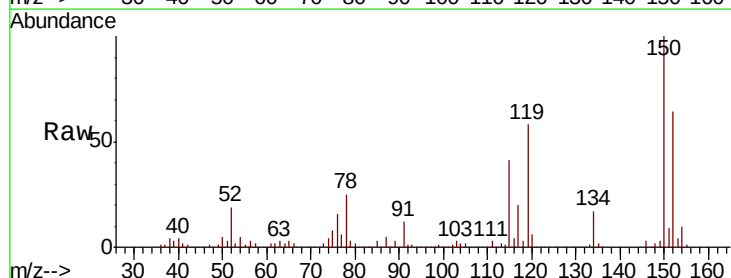
Tgt Ion:152 Resp: 159731

Ion Ratio Lower Upper

152 100

115 78.2 40.0 119.9

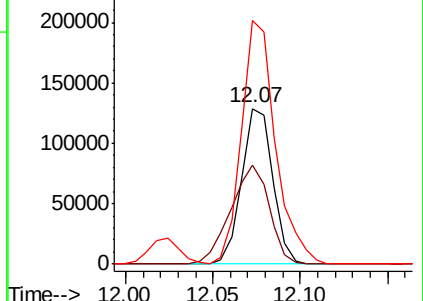
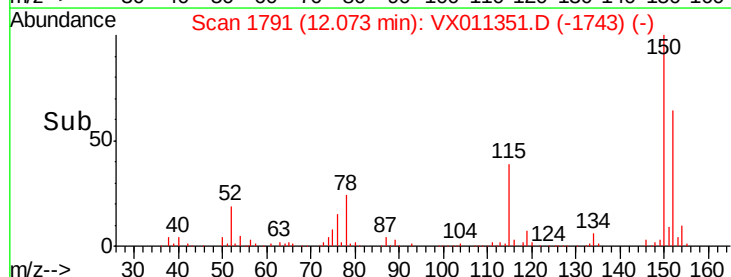
150 170.7 0.0 350.4

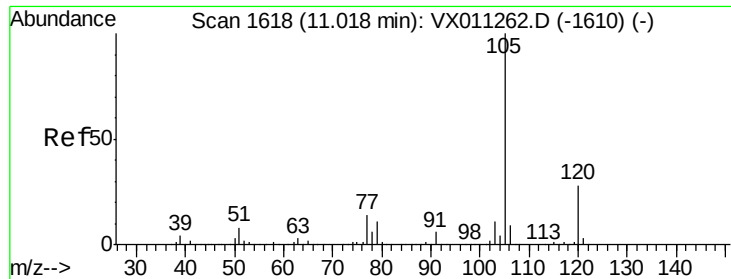


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.811 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

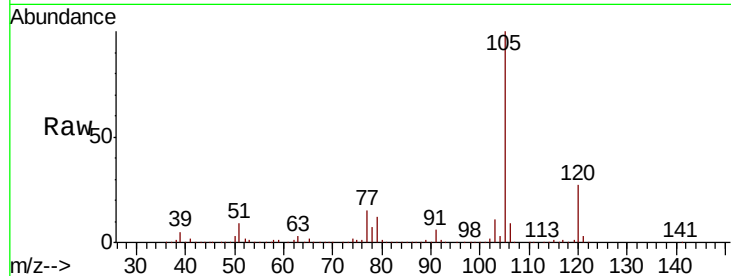
VSTDCCC050EC

Tgt Ion: 105 Resp: 522312

Ion Ratio Lower Upper

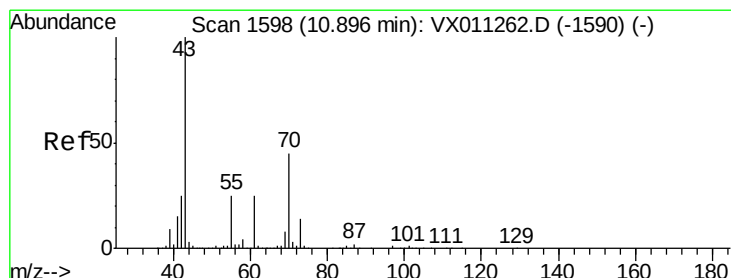
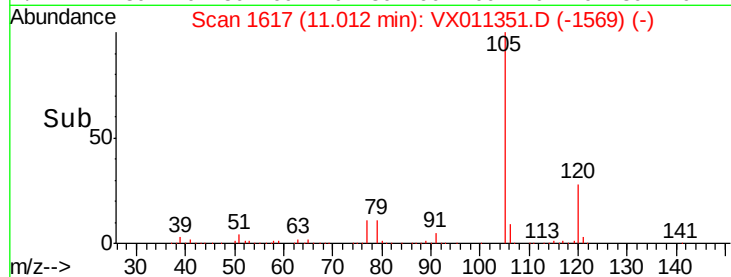
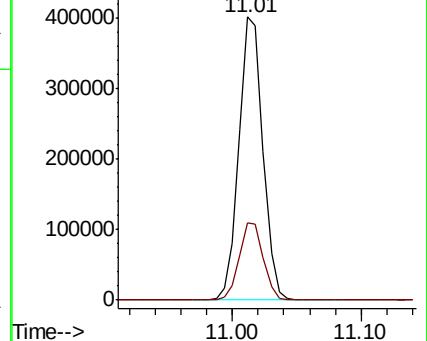
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 50.190 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Tgt Ion: 43 Resp: 198116

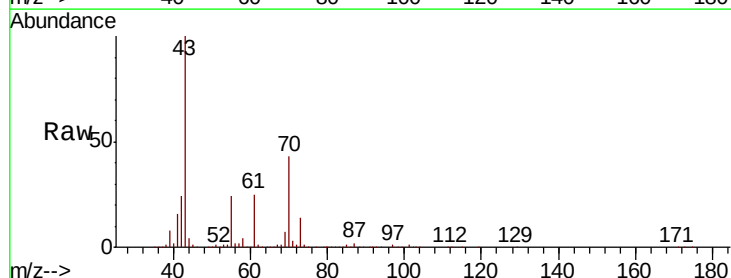
Ion Ratio Lower Upper

43 100

70 44.8 35.9 53.9

55 24.6 19.8 29.6

61 25.3 19.7 29.5

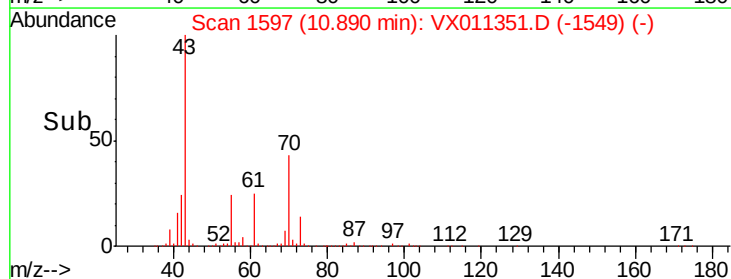
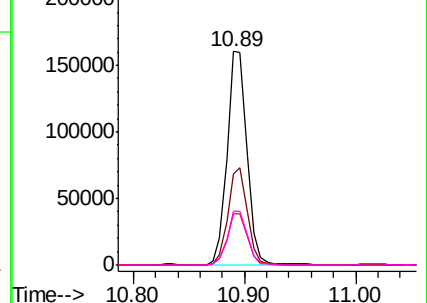


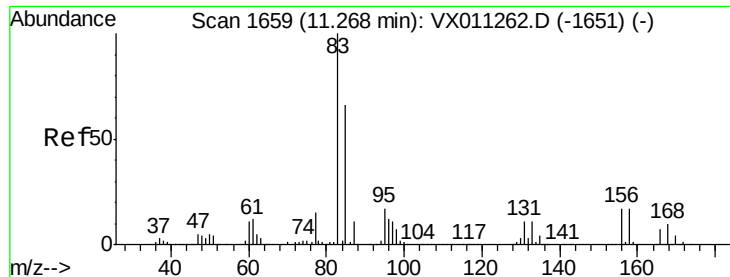
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.377 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

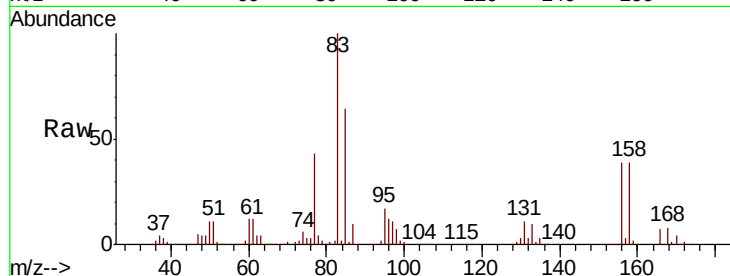
Tgt Ion: 83 Resp: 161559

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

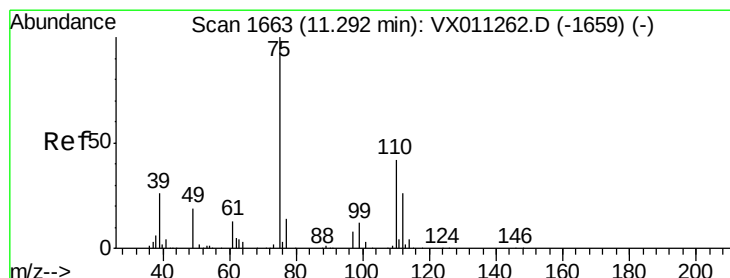
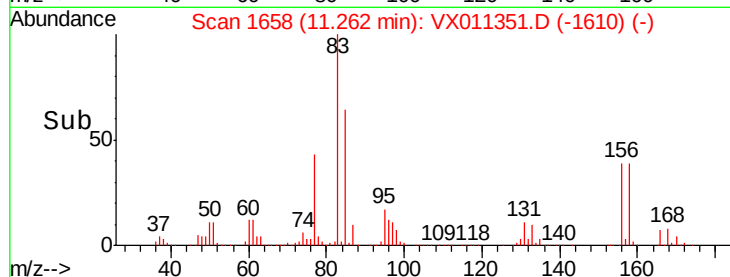
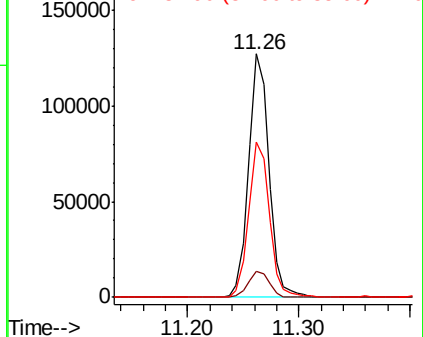
85 65.2 32.1 96.5



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: 62.473 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011351.D

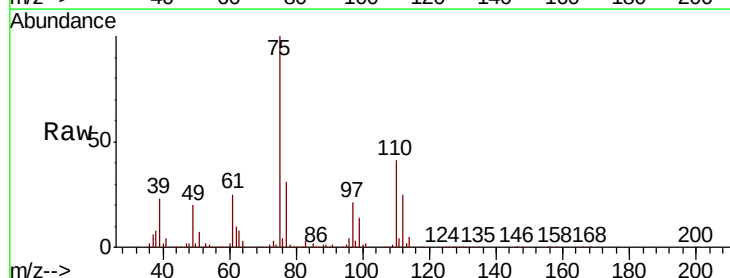
Acq: 06 Aug 2019 16:25

Tgt Ion: 75 Resp: 181726

Ion Ratio Lower Upper

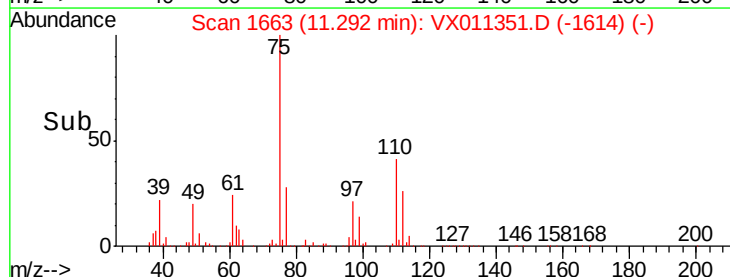
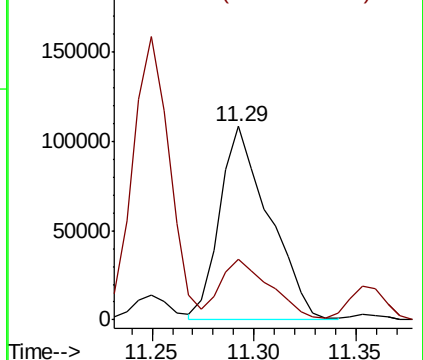
75 100

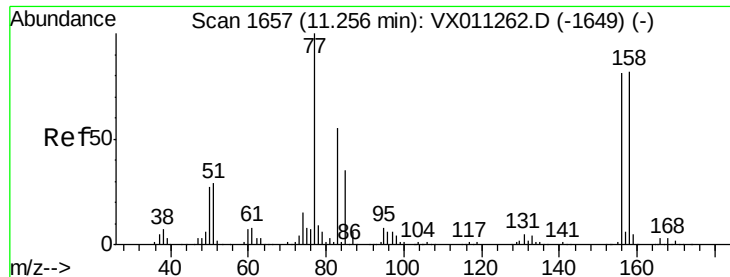
77 31.7 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.270 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

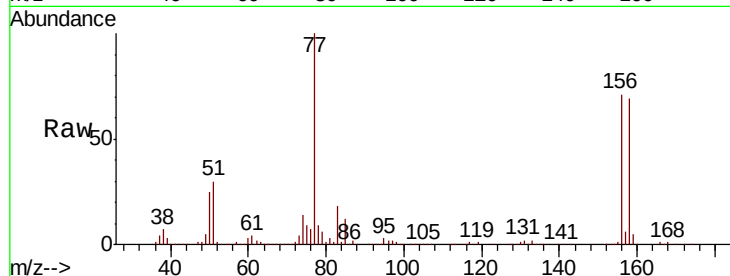
Tgt Ion:156 Resp: 143196

Ion Ratio Lower Upper

156 100

77 139.8 66.2 198.6

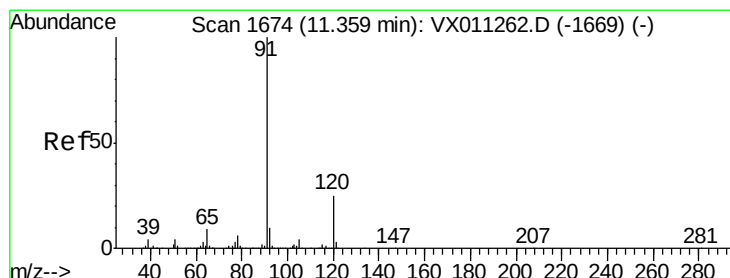
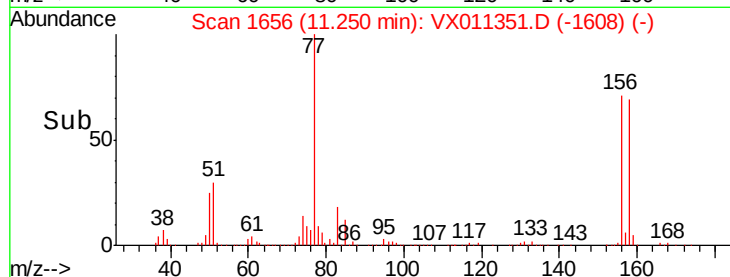
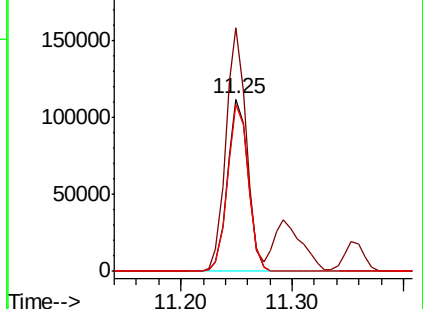
158 97.5 49.1 147.3



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: 49.040 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011351.D

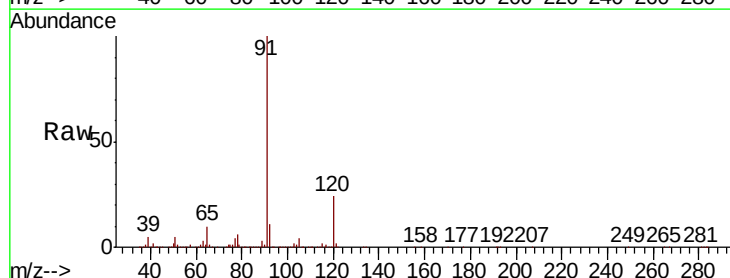
Acq: 06 Aug 2019 16:25

Tgt Ion: 91 Resp: 595773

Ion Ratio Lower Upper

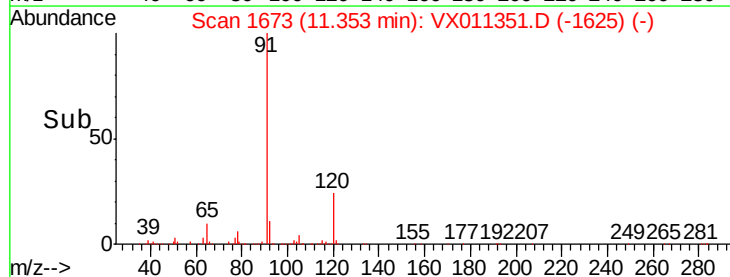
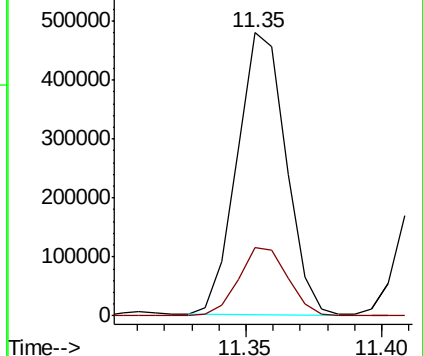
91 100

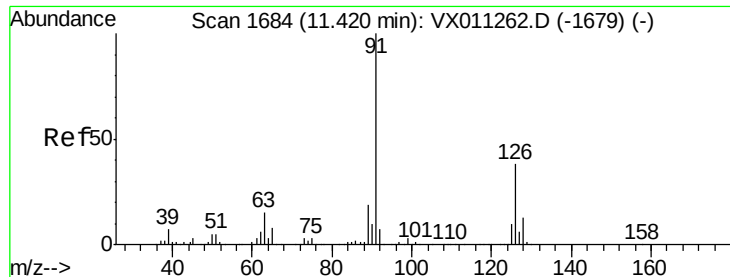
120 24.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

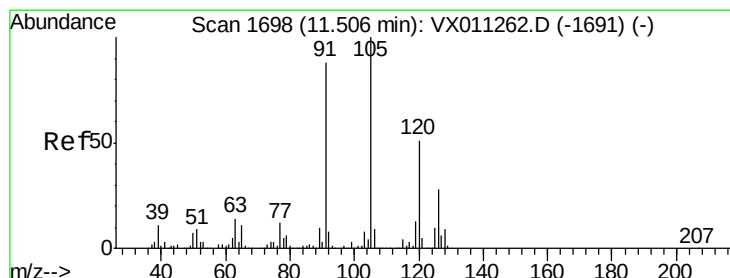
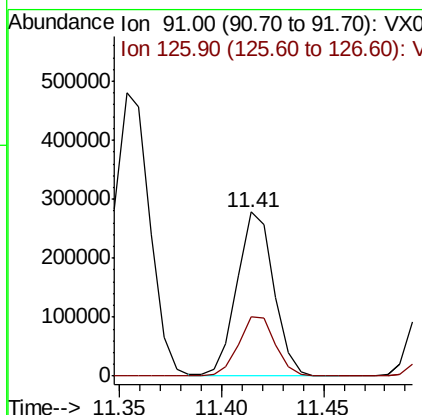
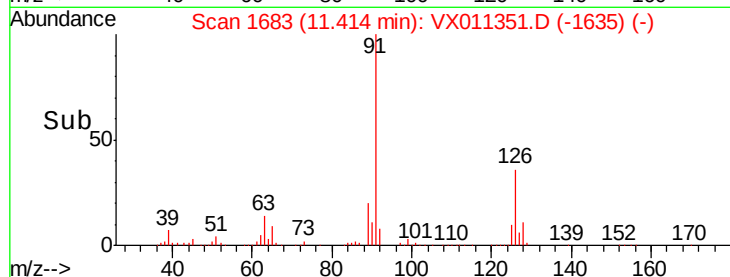
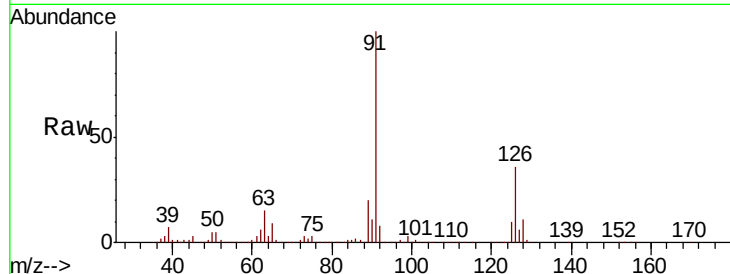




#79
 2-Chlorotoluene
 Concen: 47.907 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

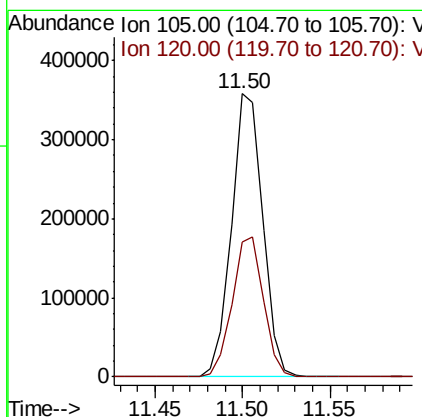
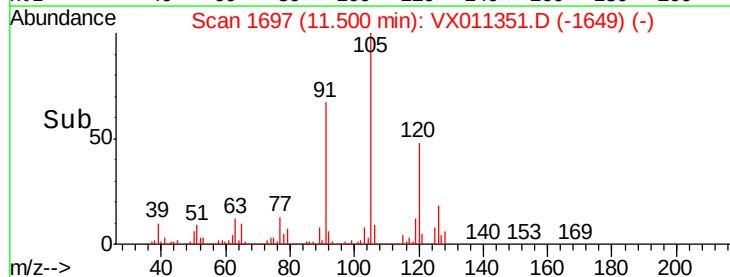
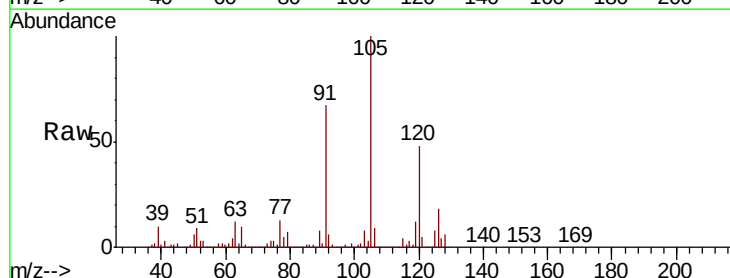
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

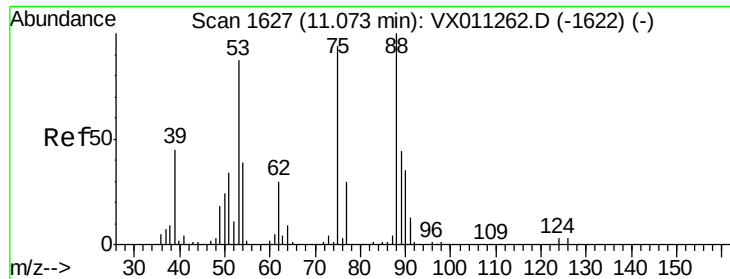
Tgt Ion: 91 Resp: 346893
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.625 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 105 Resp: 444674
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.1 75.2

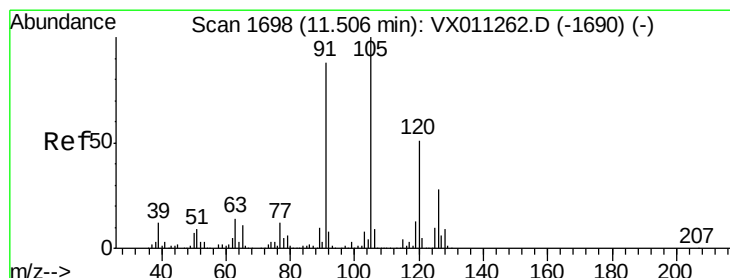
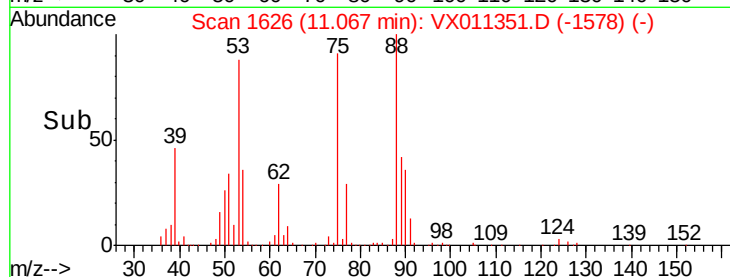
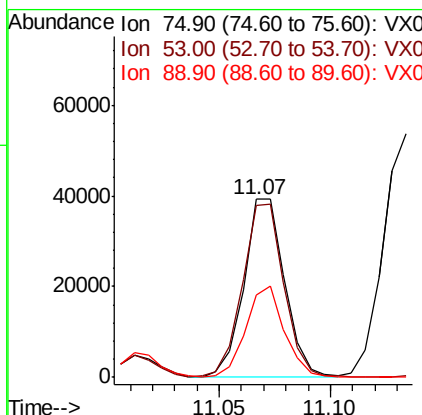
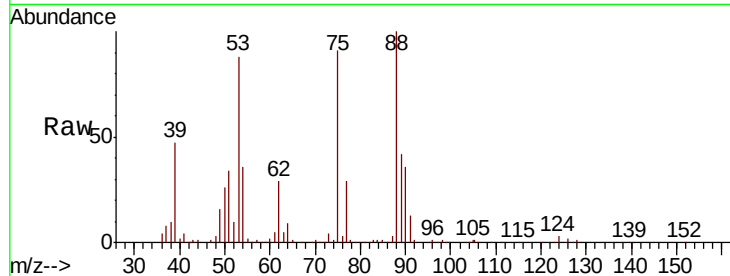




#81
trans-1,4-Dichloro-2-butene
Concen: 46.589 ug/l
RT: 11.07 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

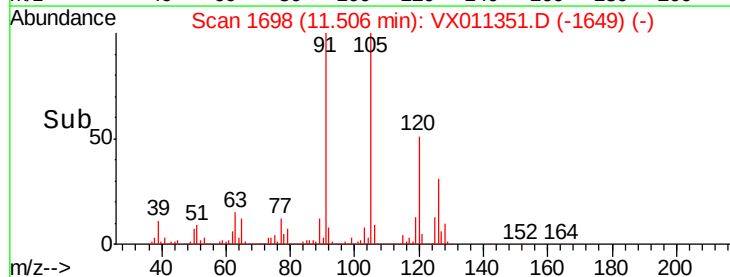
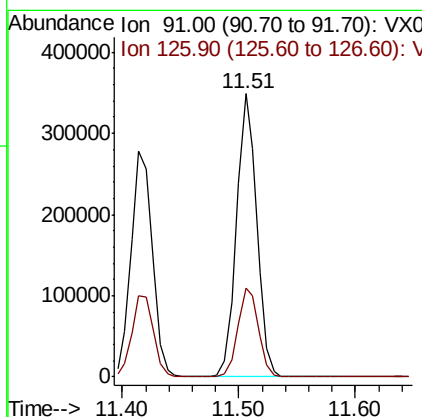
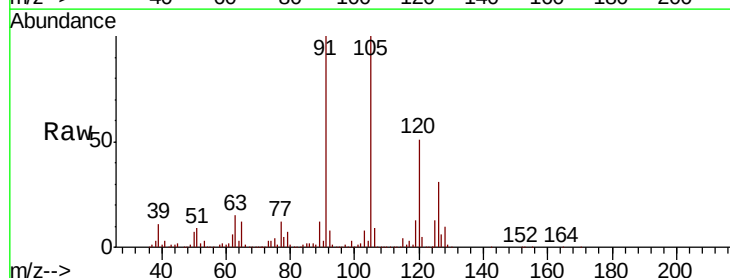
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

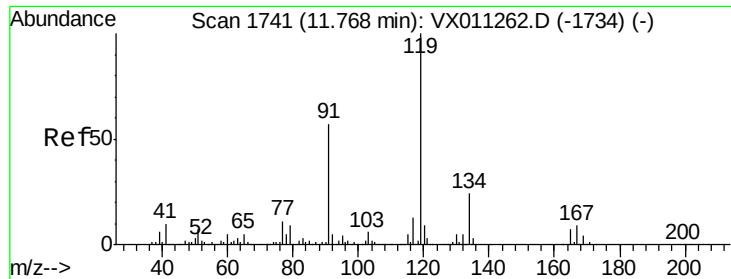
Tgt Ion: 75 Resp: 50382
Ion Ratio Lower Upper
75 100
53 97.9 78.2 117.4
89 48.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.150 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 91 Resp: 423210
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.2

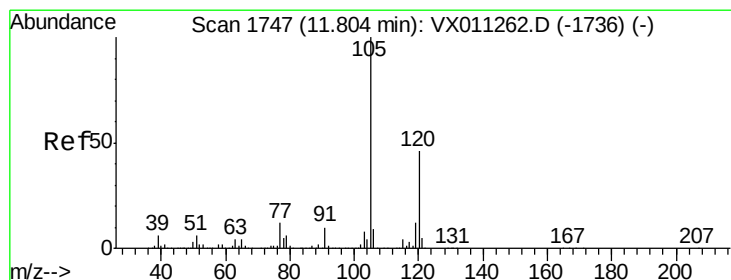
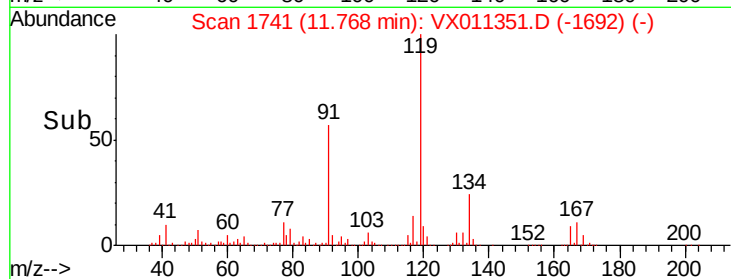
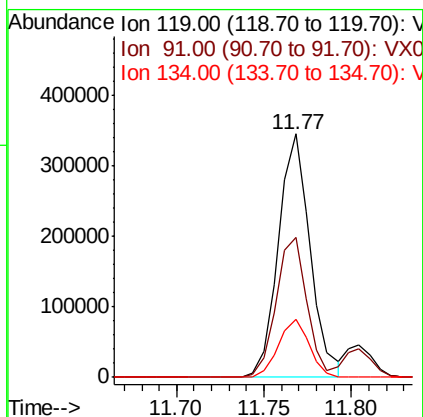
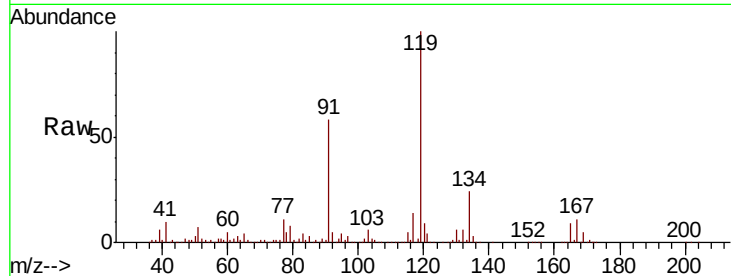




#83
 tert-Butylbenzene
 Concen: 48.734 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

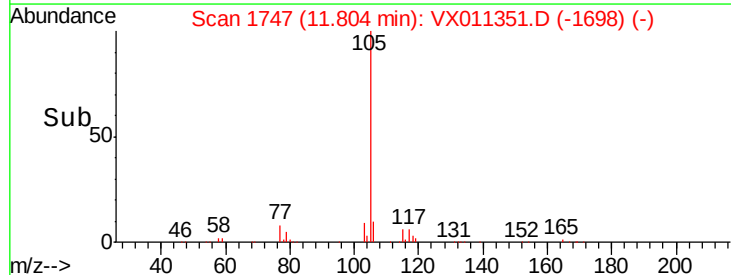
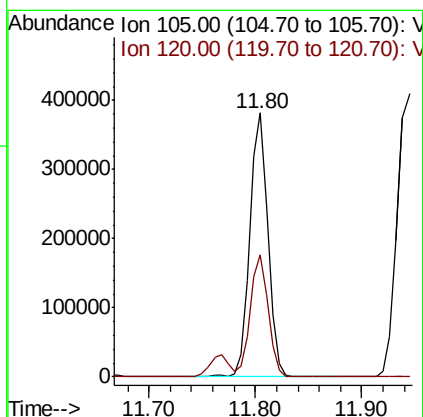
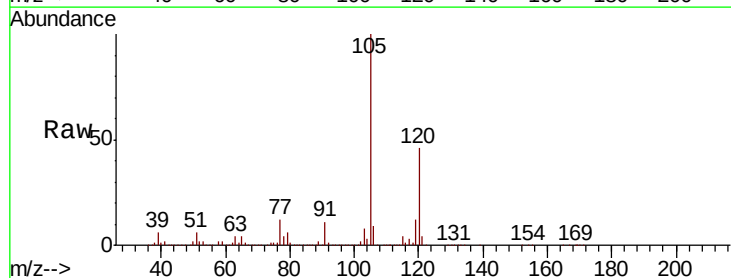
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

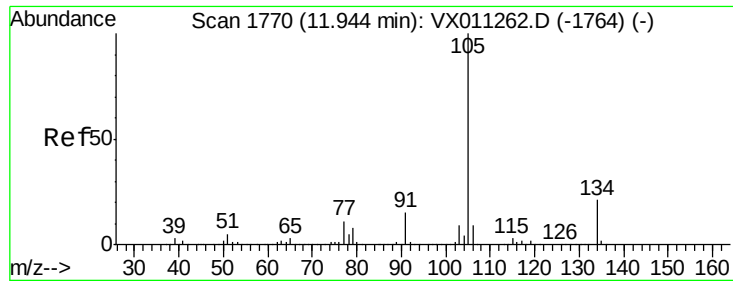
Tgt Ion:119 Resp: 437104
 Ion Ratio Lower Upper
 119 100
 91 55.5 28.0 84.0
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.124 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion:105 Resp: 456379
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.541 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

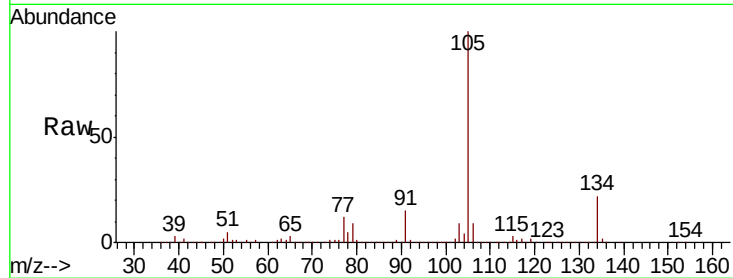
VSTDCCC050EC

Tgt Ion:105 Resp: 512300

Ion Ratio Lower Upper

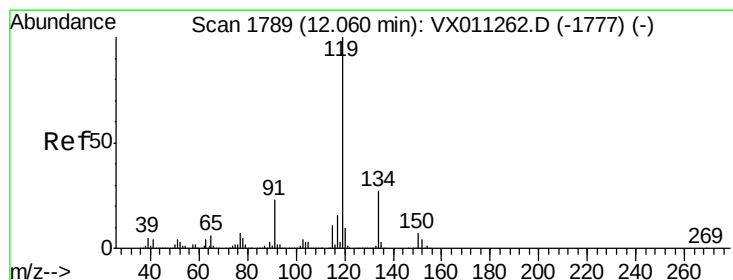
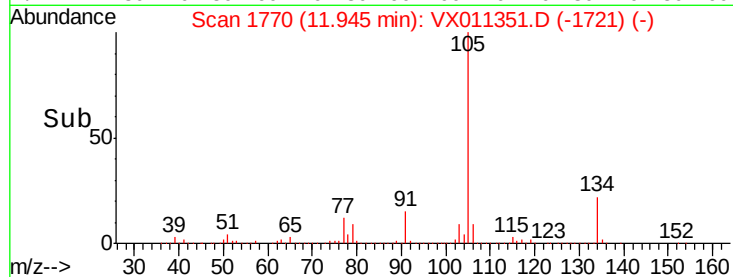
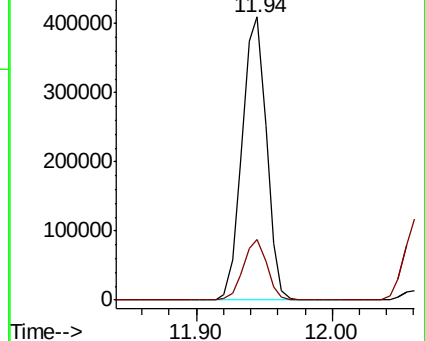
105 100

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: 48.998 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011351.D

Acq: 06 Aug 2019 16:25

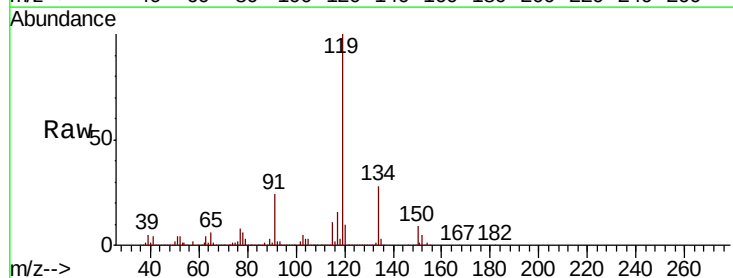
Tgt Ion:119 Resp: 485750

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

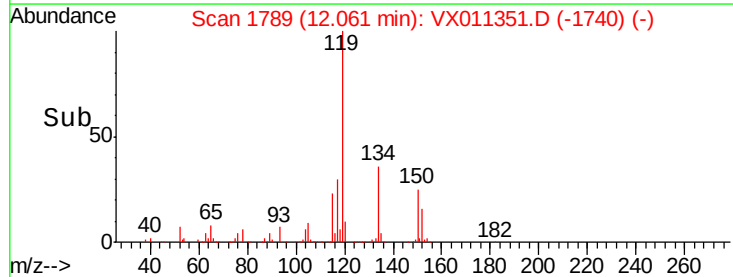
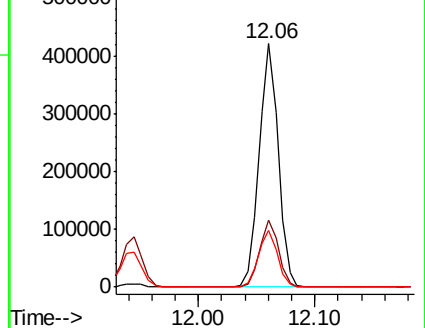
91 23.3 11.4 34.2

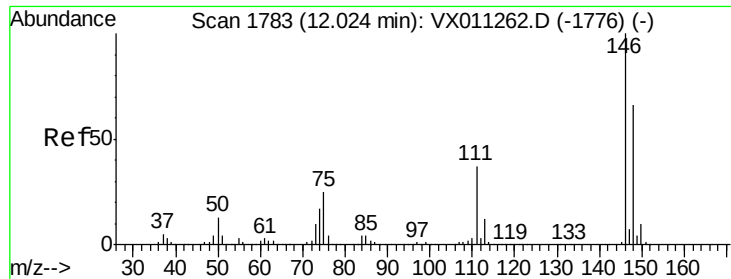


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

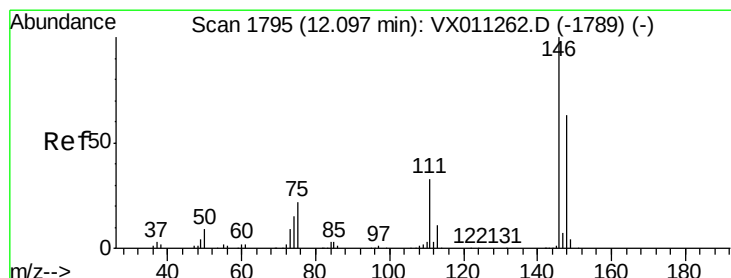
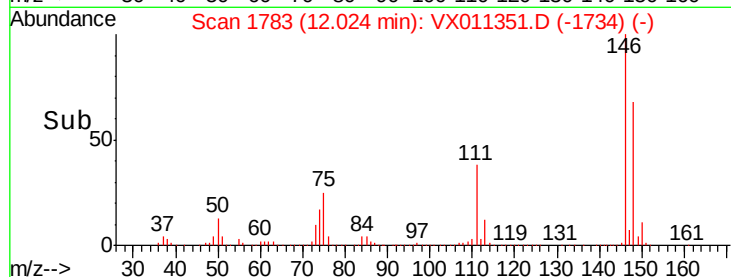
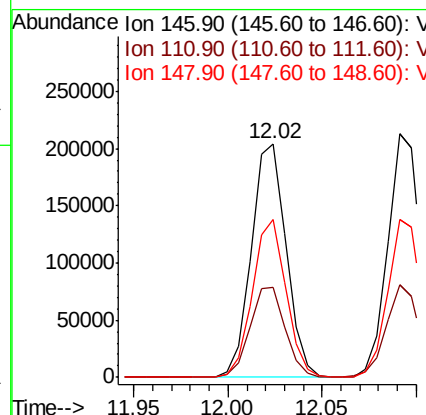
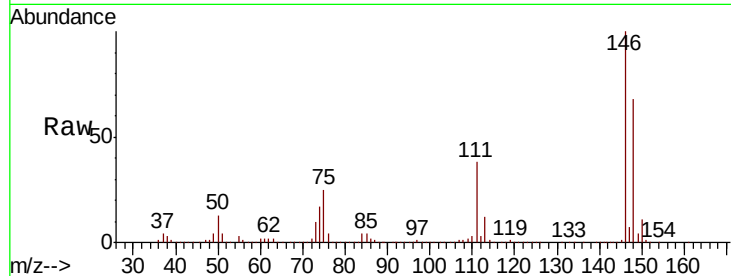




#87
 1,3-Dichlorobenzene
 Concen: 48.886 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

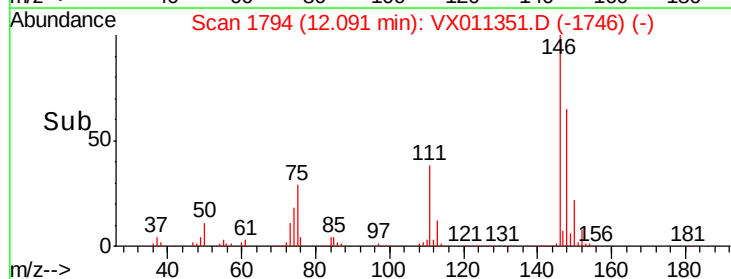
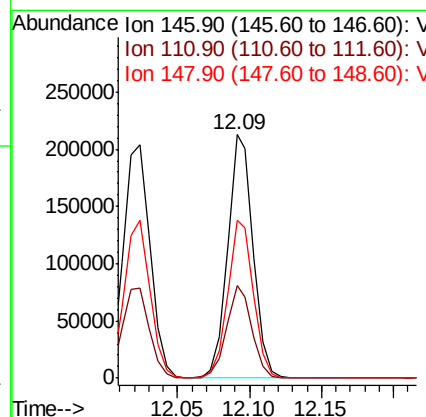
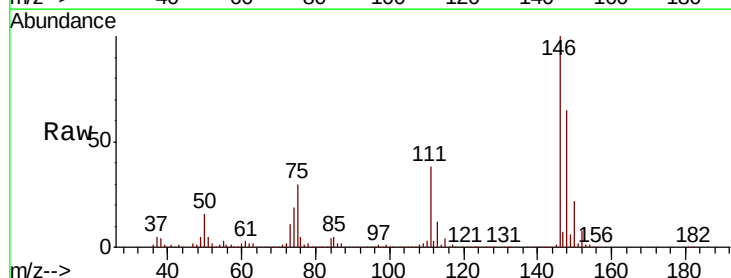
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

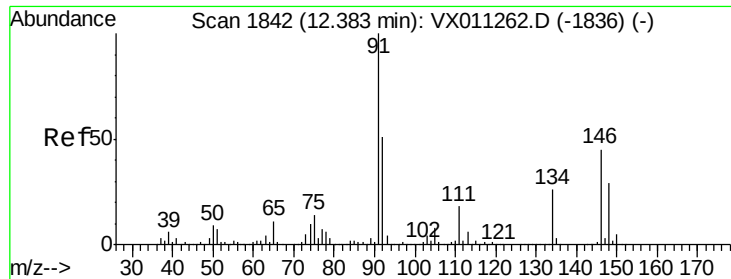
Tgt Ion:146 Resp: 261660
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.6 55.8
 148 65.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 47.571 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion:146 Resp: 262560
 Ion Ratio Lower Upper
 146 100
 111 38.0 17.8 53.4
 148 65.5 31.8 95.3

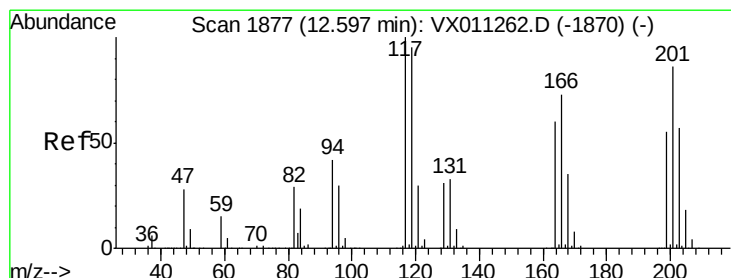
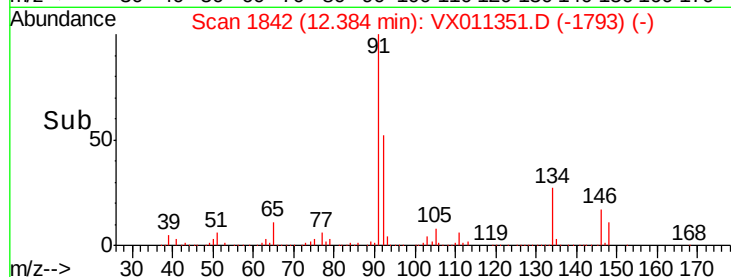
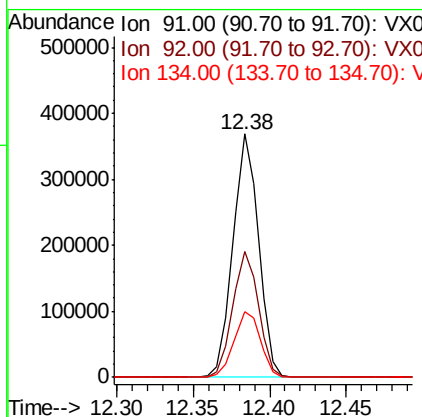
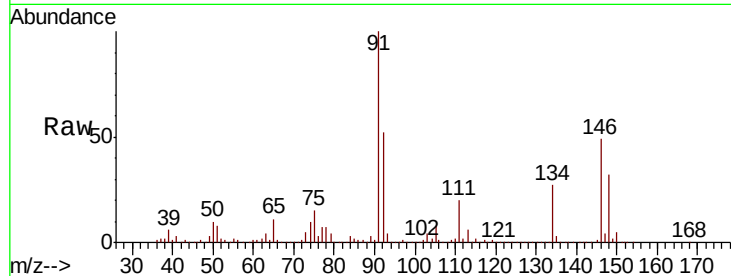




#89
n-Butylbenzene
Concen: 50.045 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

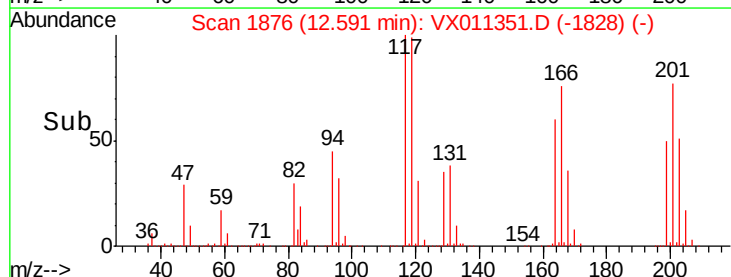
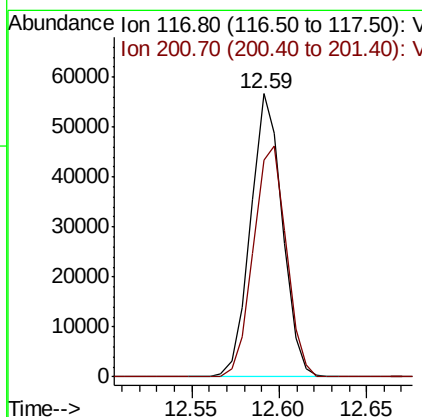
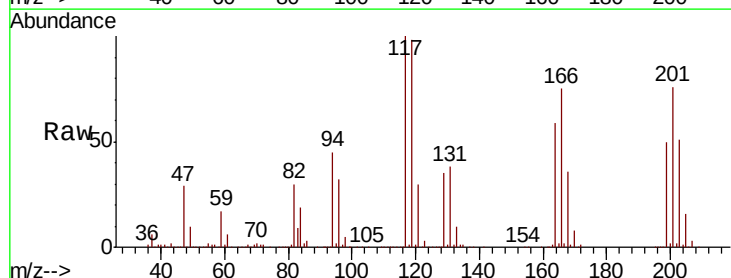
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

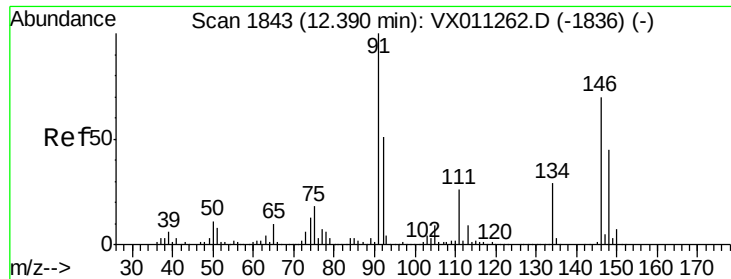
Tgt Ion: 91 Resp: 427426
Ion Ratio Lower Upper
91 100
92 52.4 25.8 77.3
134 27.7 13.7 41.0



#90
Hexachloroethane
Concen: 48.727 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion: 117 Resp: 71417
Ion Ratio Lower Upper
117 100
201 84.9 41.8 125.4

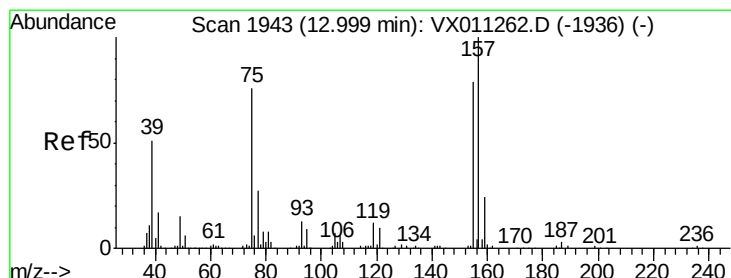
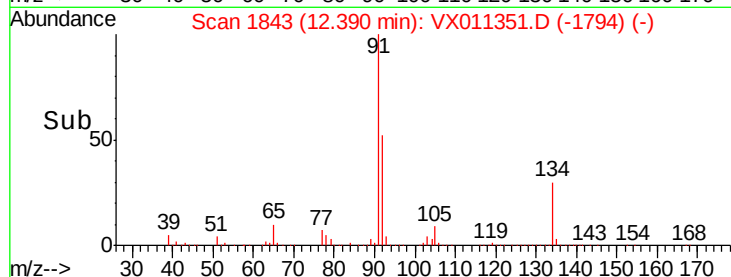
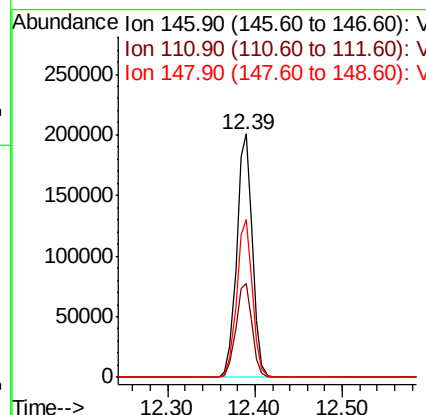
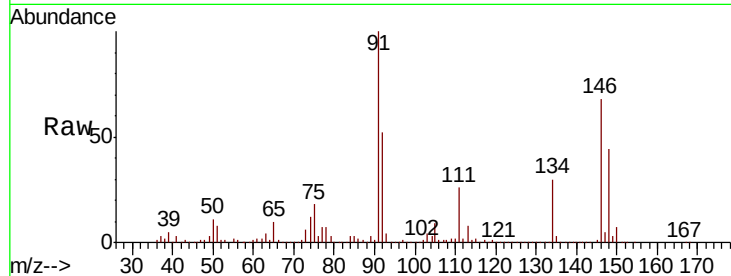




#91
 1,2-Dichlorobenzene
 Concen: 46.998 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

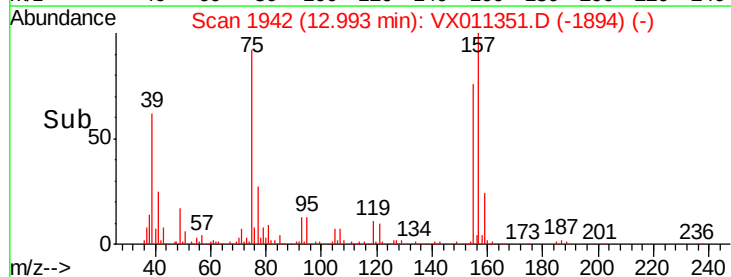
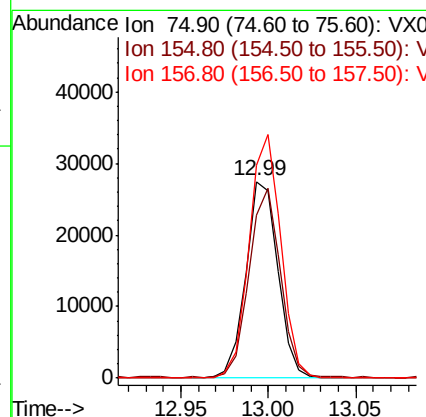
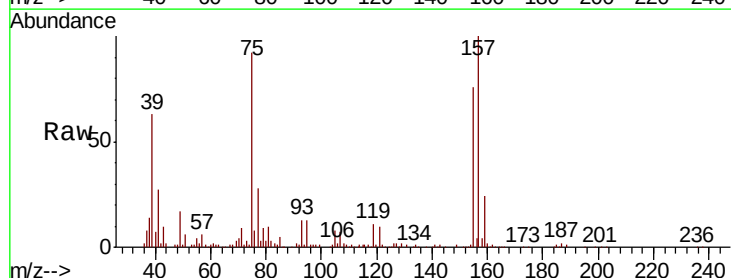
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

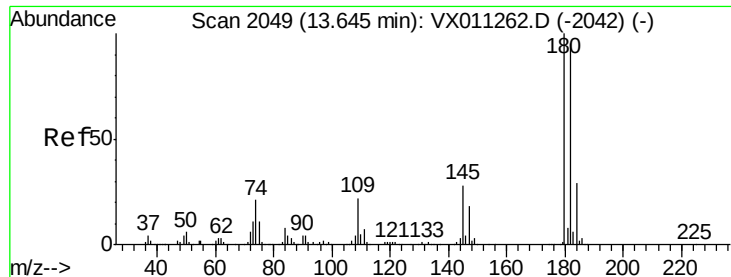
Tgt Ion: 146 Resp: 252757
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.1
 148 64.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.909 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion: 75 Resp: 35202
 Ion Ratio Lower Upper
 75 100
 155 94.4 51.9 155.8
 157 122.0 64.3 192.7

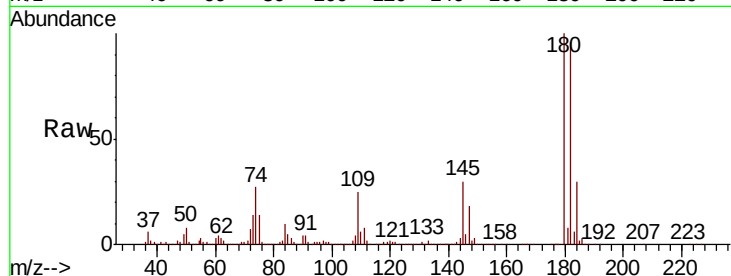




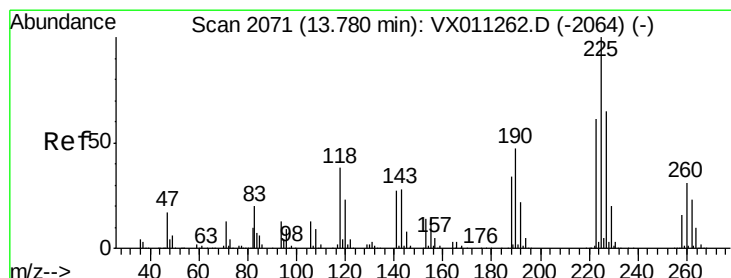
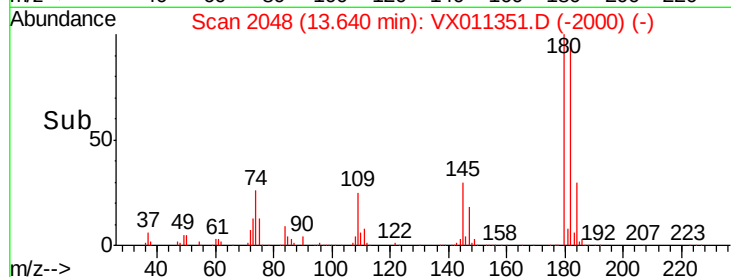
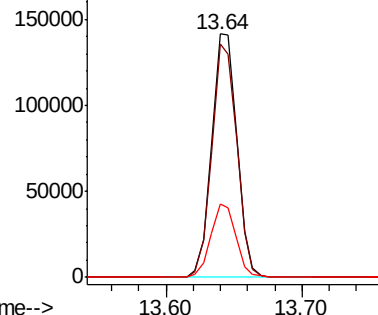
#93
 1,2,4-Trichlorobenzene
 Concen: 51.271 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 182863
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.4
 145 29.7 14.8 44.3

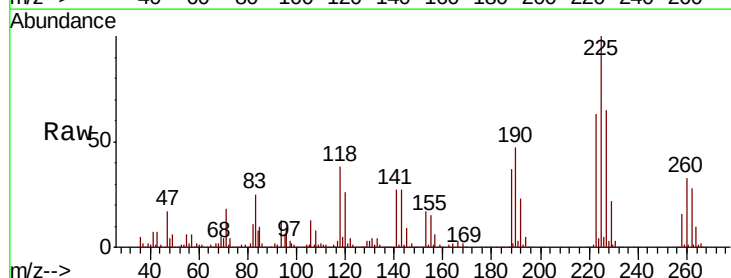


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

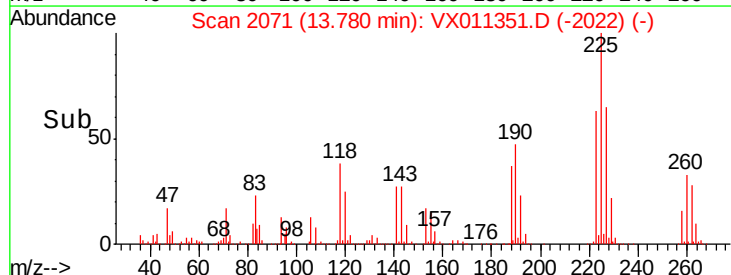
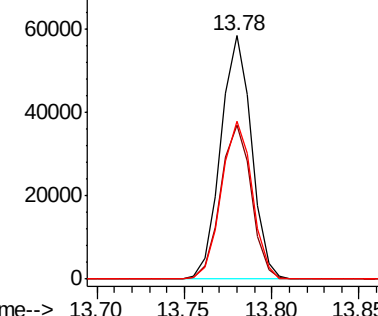


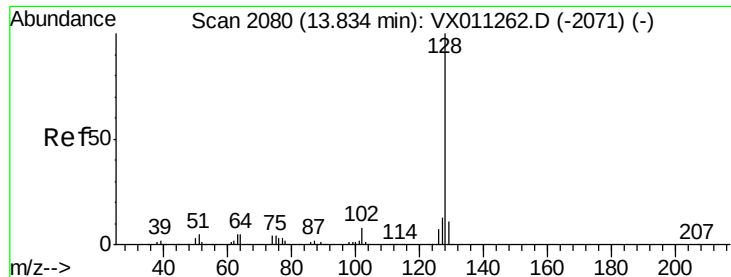
#94
 Hexachlorobutadiene
 Concen: 39.471 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011351.D
 Acq: 06 Aug 2019 16:25

Tgt Ion:225 Resp: 71425
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.0 93.0
 227 64.9 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

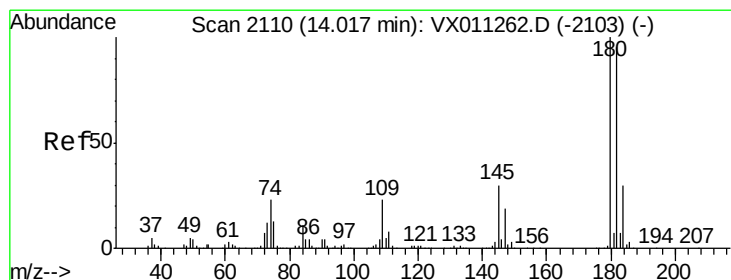
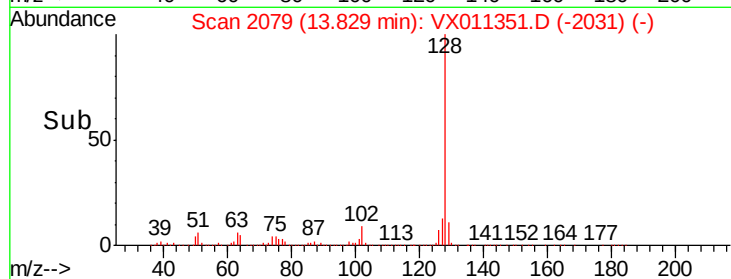
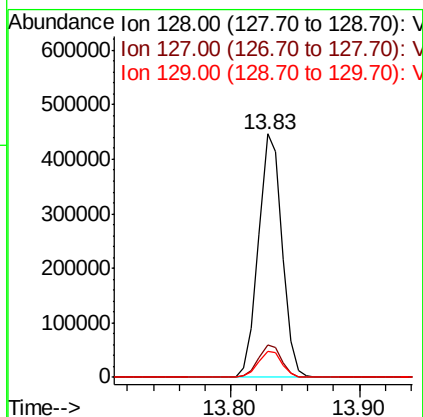
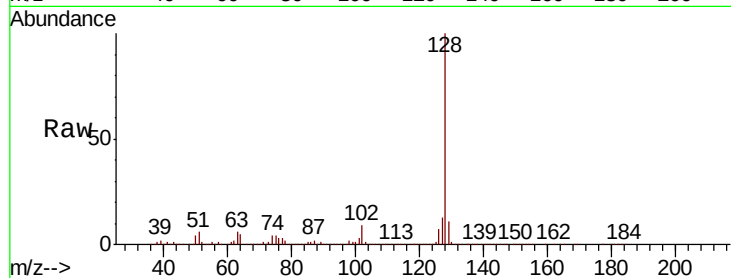




#95
Naphthalene
Concen: 53.687 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 559960
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.045 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011351.D
Acq: 06 Aug 2019 16:25

Tgt Ion:180 Resp: 177836
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.3
145 33.7 15.2 45.6

