

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050719\
 Data File : VX009367.D
 Acq On : 07 May 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 08 02:14:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124881	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.49	113	93685	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	8.71	98	382011	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	11.13	95	141032	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	73825	44.548	ug/l 100
3) Chloromethane	1.32	50	97990	43.310	ug/l 100
4) Vinyl Chloride	1.41	62	97228	44.069	ug/l 98
5) Bromomethane	1.64	94	57322	43.287	ug/l 98
6) Chloroethane	1.71	64	60927	43.013	ug/l 100
7) Trichlorofluoromethane	1.92	101	122346	45.621	ug/l 100
8) Diethyl Ether	2.19	74	55863	43.975	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78160	46.411	ug/l 98
10) Methyl Iodide	2.51	142	78403	40.981	ug/l 99
11) Tert butyl alcohol	3.05	59	122916	216.300	ug/l 98
12) 1,1-Dichloroethene	2.37	96	75207	44.570	ug/l 96
13) Acrolein	2.29	56	106904	207.726	ug/l 99
14) Allyl chloride	2.73	41	179002	43.530	ug/l 100
15) Acrylonitrile	3.14	53	305163	219.628	ug/l 100
16) Acetone	2.44	43	318350	241.499	ug/l 97
17) Carbon Disulfide	2.57	76	195599	41.288	ug/l 100
18) Methyl Acetate	2.77	43	137202	43.765	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	297167	45.352	ug/l 100
20) Methylene Chloride	2.85	84	93120	43.628	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	80941	44.231	ug/l 98
22) Diisopropyl ether	3.85	45	359876	45.507	ug/l 95
23) Vinyl Acetate	3.81	43	1566341	231.302	ug/l 100
24) 1,1-Dichloroethane	3.70	63	175025	44.865	ug/l 100
25) 2-Butanone	4.67	43	480762	234.692	ug/l 99
26) 2,2-Dichloropropane	4.57	77	133494	45.972	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	98252	44.982	ug/l 98
28) Bromochloromethane	5.01	49	72555	45.981	ug/l 100
29) Tetrahydrofuran	5.12	42	293283	222.489	ug/l 99
30) Chloroform	5.21	83	161290	45.712	ug/l 98
31) Cyclohexane	5.57	56	164073	45.205	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	133439	45.430	ug/l 99
36) 1,1-Dichloropropene	5.79	75	120568	46.324	ug/l 100
37) Ethyl Acetate	4.83	43	167157	46.095	ug/l 100
38) Carbon Tetrachloride	5.78	117	111758	47.260	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152055	47.571	ug/l	100
40) Benzene	6.14	78	372091	46.194	ug/l	100
41) Methacrylonitrile	5.04	41	97164	45.011	ug/l	99
42) 1,2-Dichloroethane	6.19	62	135266	46.814	ug/l	99
43) Isopropyl Acetate	6.44	43	269033	46.381	ug/l	100
44) Trichloroethene	7.21	130	90390	46.418	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107323	47.054	ug/l	98
46) Dibromomethane	7.66	93	60738	45.858	ug/l	99
47) Bromodichloromethane	7.89	83	126337	47.818	ug/l	97
48) Methyl methacrylate	7.76	41	135816	47.195	ug/l	99
49) 1,4-Dioxane	7.74	88	53320	913.622	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	906816	239.180	ug/l	100
52) Toluene	8.78	92	230085	46.991	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	144735	48.522	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159218	48.225	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	94030	47.072	ug/l	95
56) Ethyl methacrylate	9.18	69	169791	47.617	ug/l	99
57) 1,3-Dichloropropane	9.37	76	163965	46.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	456023	241.072	ug/l	99
59) 2-Hexanone	9.49	43	728429	244.630	ug/l	99
60) Dibromochloromethane	9.58	129	94314	48.341	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94574	46.902	ug/l	100
64) Tetrachloroethene	9.34	164	83599	48.711	ug/l	97
65) Chlorobenzene	10.13	112	241365	48.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88753	48.912	ug/l	99
67) Ethyl Benzene	10.25	91	444657	48.273	ug/l	99
68) m/p-Xylenes	10.35	106	327539	97.306	ug/l	97
69) o-Xylene	10.69	106	160203	48.237	ug/l	100
70) Styrene	10.71	104	285410	49.444	ug/l	99
71) Bromoform	10.85	173	73661	49.954	ug/l #	99
73) Isopropylbenzene	11.02	105	435473	46.243	ug/l	99
74) N-amyl acetate	10.90	43	254012	46.266	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159268	45.368	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	187623	62.459	ug/l	81
77) Bromobenzene	11.26	156	107579	46.026	ug/l	99
78) n-propylbenzene	11.36	91	508687	47.299	ug/l	99
79) 2-Chlorotoluene	11.42	91	301787	45.483	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	371429	46.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54431	46.362	ug/l	97
82) 4-Chlorotoluene	11.51	91	350420	46.749	ug/l	99
83) tert-Butylbenzene	11.77	119	362152	46.950	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	375425	47.170	ug/l	99
85) sec-Butylbenzene	11.94	105	433605	47.415	ug/l	100
86) p-Isopropyltoluene	12.06	119	399045	48.538	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196672	47.200	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	199273	47.436	ug/l	99
89) n-Butylbenzene	12.38	91	371478	49.993	ug/l	100
90) Hexachloroethane	12.59	117	67200	47.979	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197204	46.466	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35052	44.509	ug/l	99

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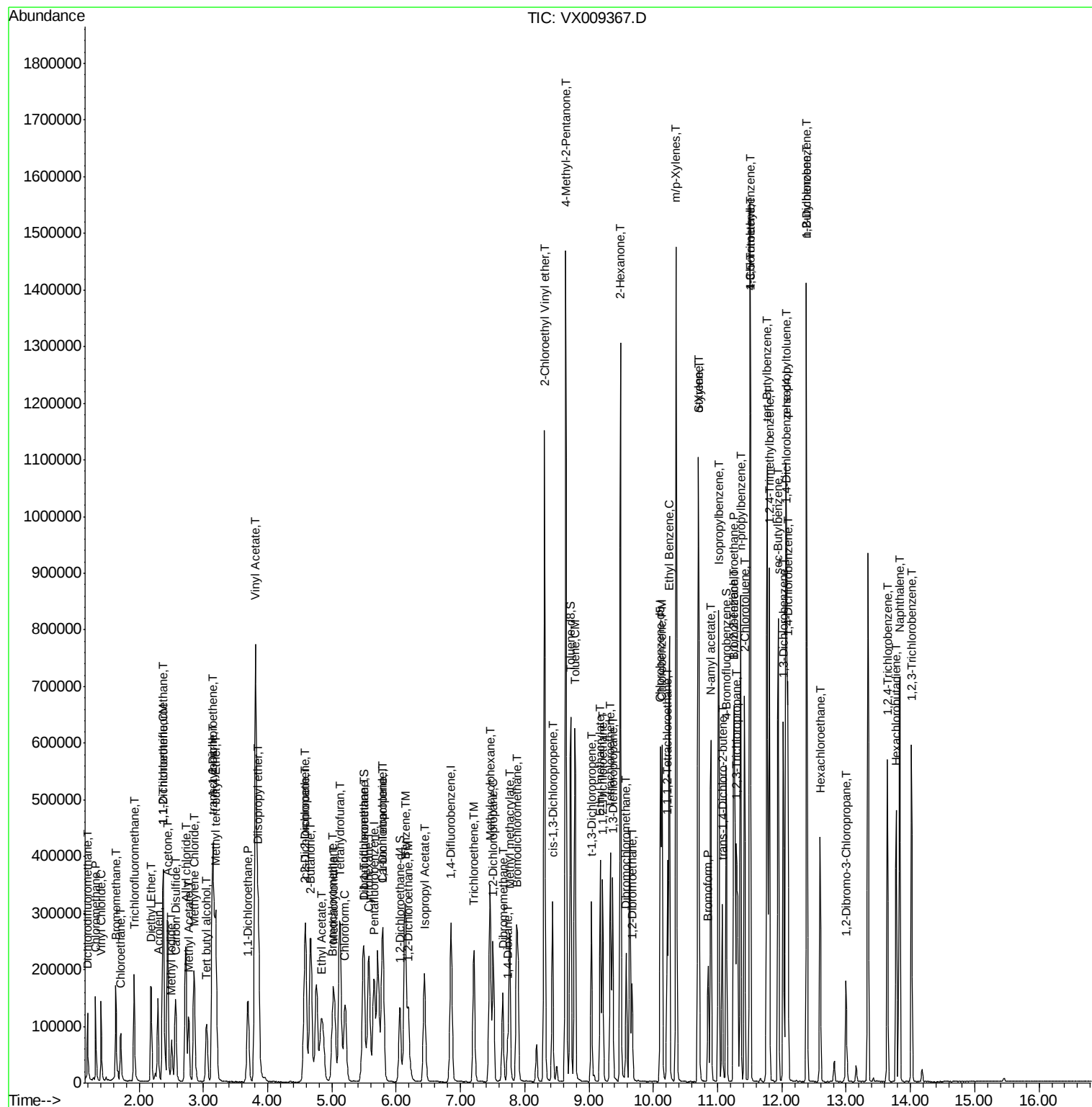
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141464	48.743	ug/l	99
94) Hexachlorobutadiene	13.78	225	73611	49.668	ug/l	99
95) Naphthalene	13.83	128	444523	47.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141093	47.960	ug/l	99

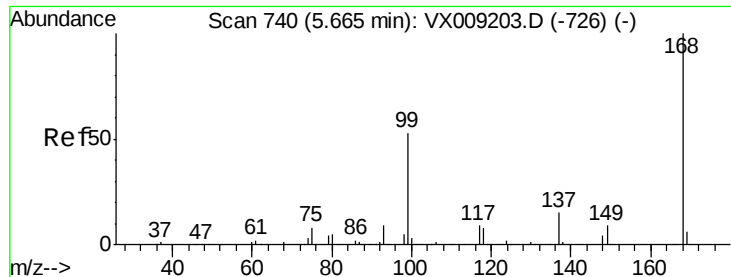
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

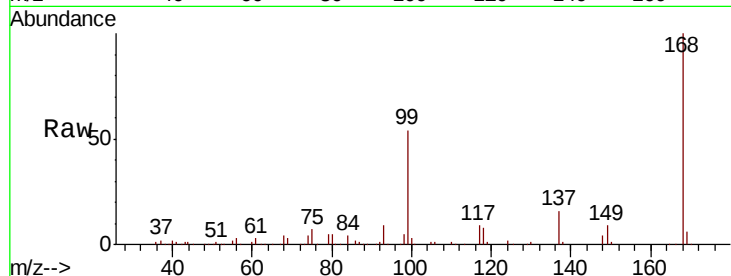
VSTDCCC050

Tot Ion:168 Resp: 179836

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.66

60000

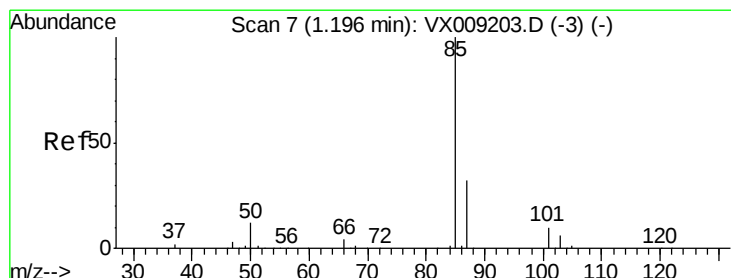
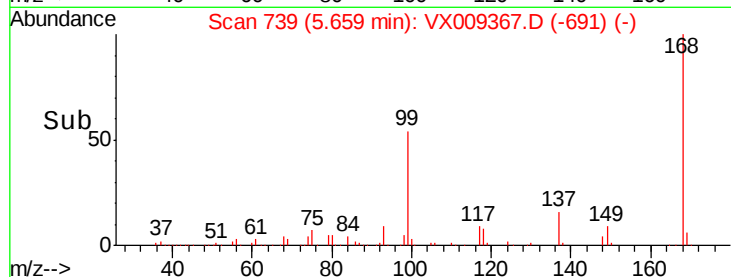
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.548 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009367.D

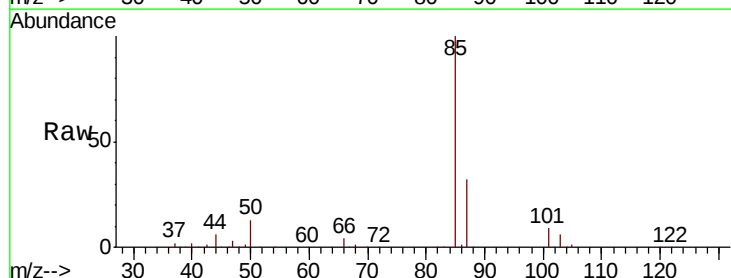
Acq: 07 May 2019 09:44

Tgt Ion: 85 Resp: 73825

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009203.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX009203.D (-3) (-)

1.20

60000

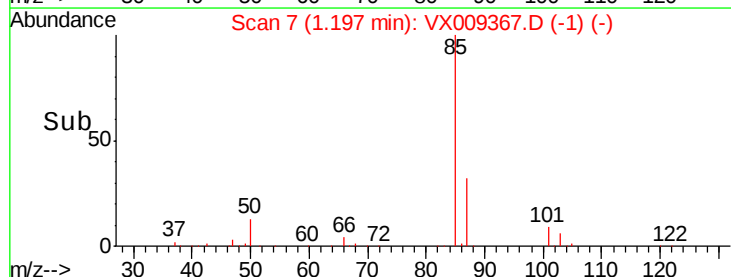
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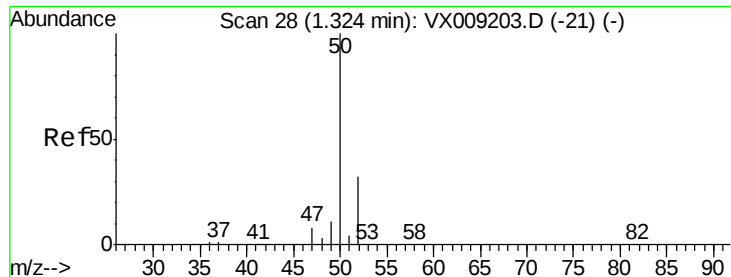
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.310 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

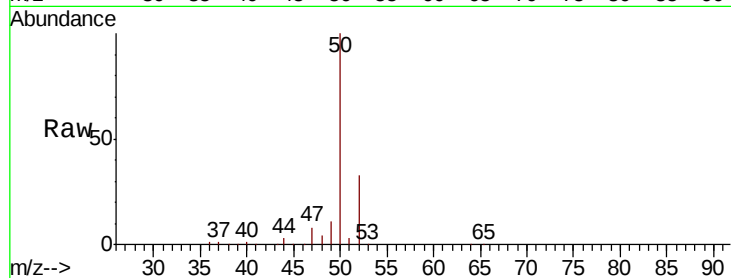
VSTDCCC050

Tot Ion: 50 Resp: 97990

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

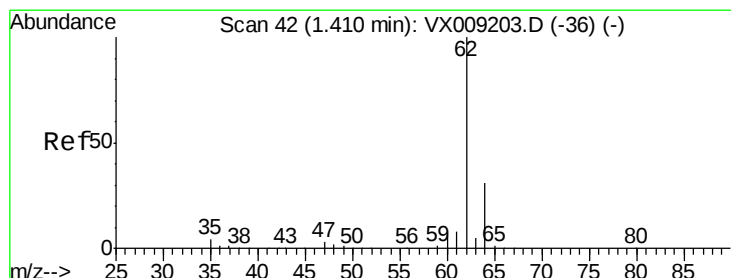
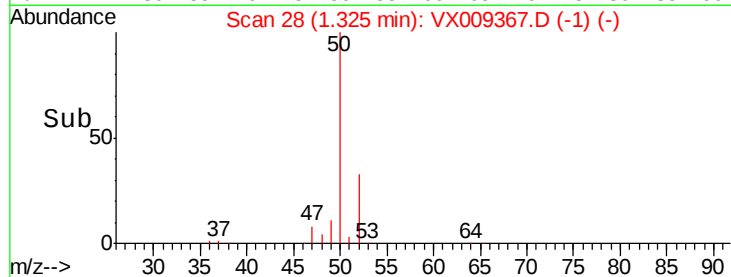
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 44.069 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009367.D

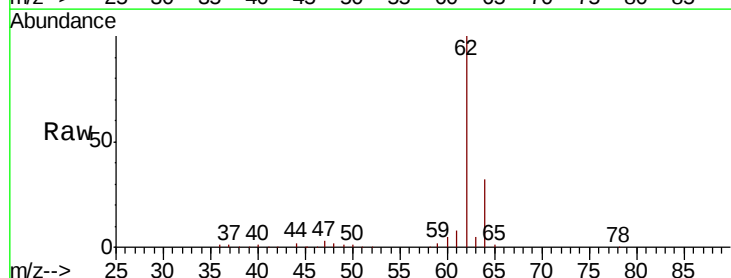
Acq: 07 May 2019 09:44

Tgt Ion: 62 Resp: 97228

Ion Ratio Lower Upper

62 100

64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

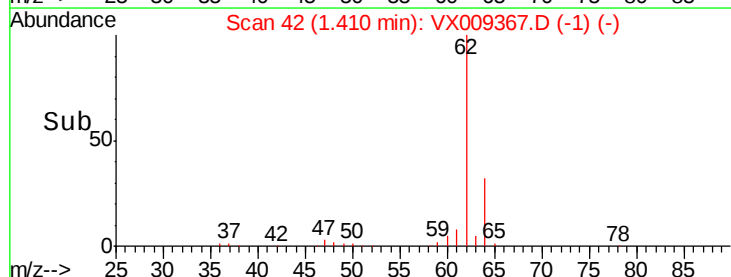
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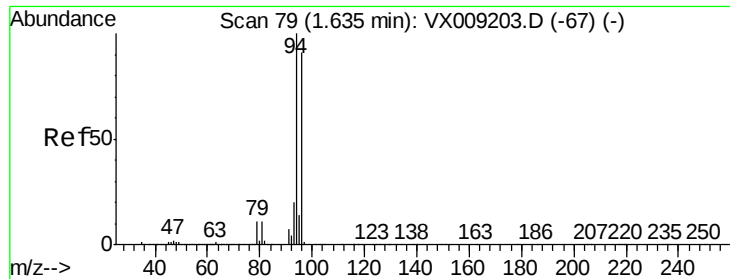
40000

20000

0

Time-->





#5

Bromomethane

Concen: 43.287 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

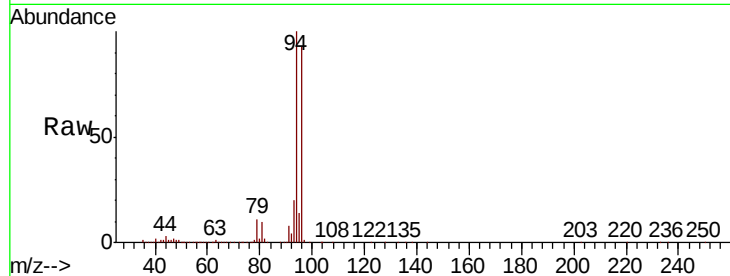
VSTDCCC050

Tot Ion: 94 Resp: 57322

Ion Ratio Lower Upper

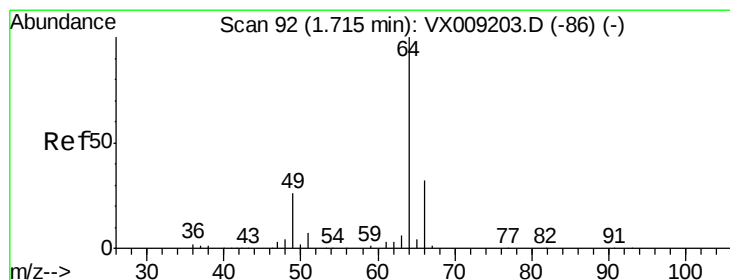
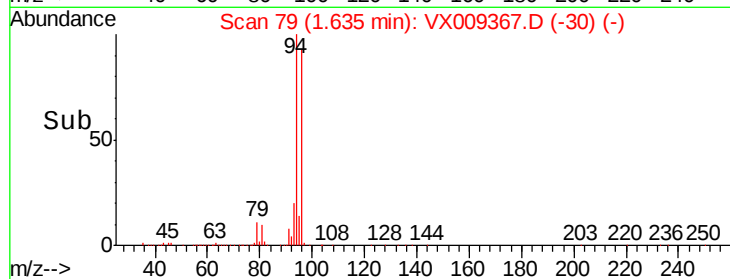
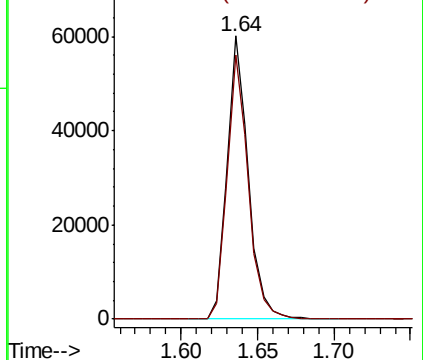
94 100

96 93.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.013 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009367.D

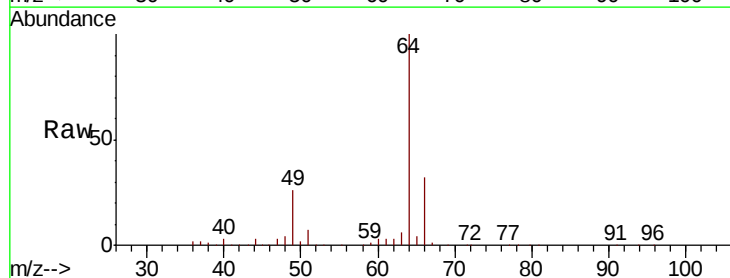
Acq: 07 May 2019 09:44

Tgt Ion: 64 Resp: 60927

Ion Ratio Lower Upper

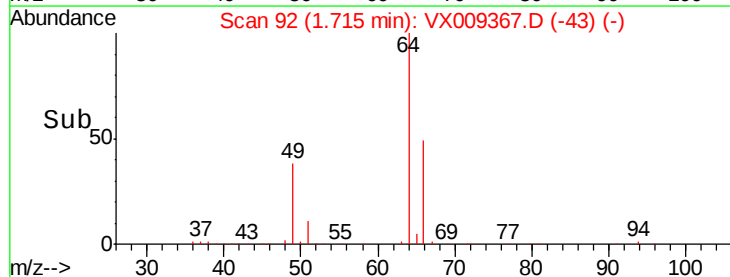
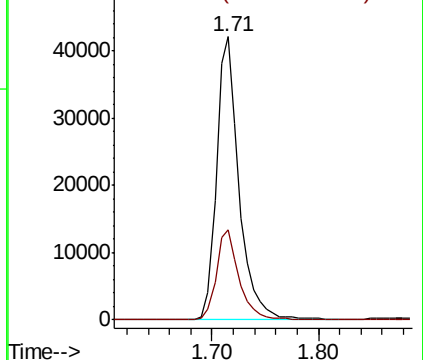
64 100

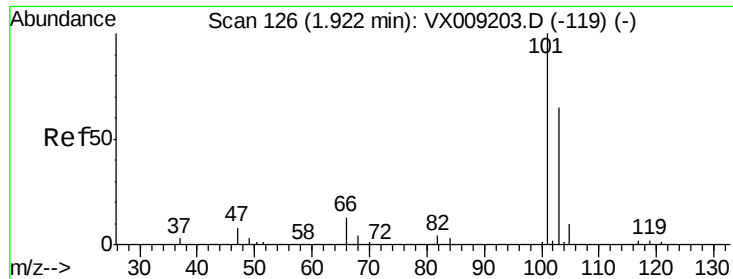
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



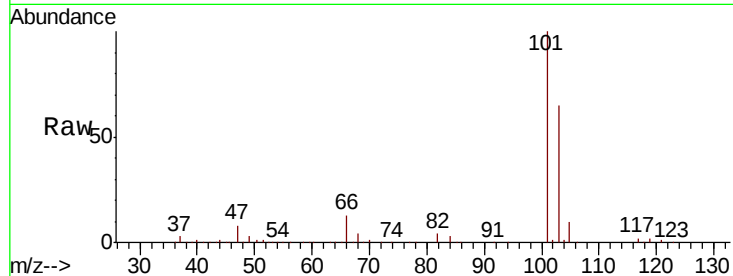


#7

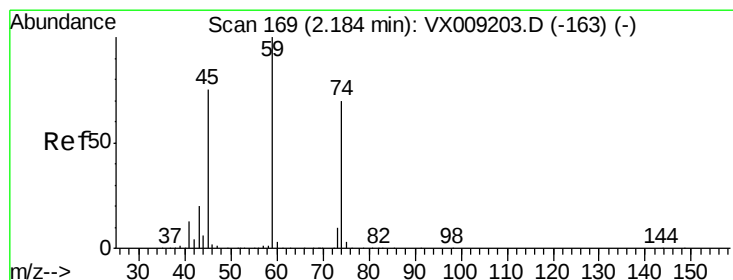
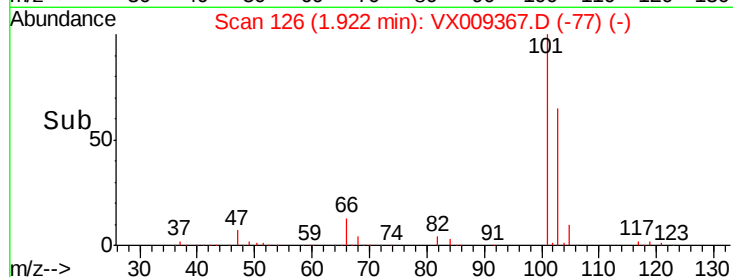
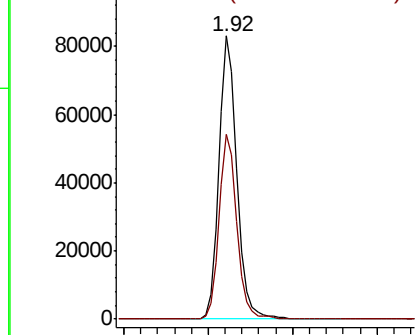
Trichlorofluoromethane
 Concen: 45.621 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Instrument :
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Tot Ion:101 Resp: 122346
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.4 78.6



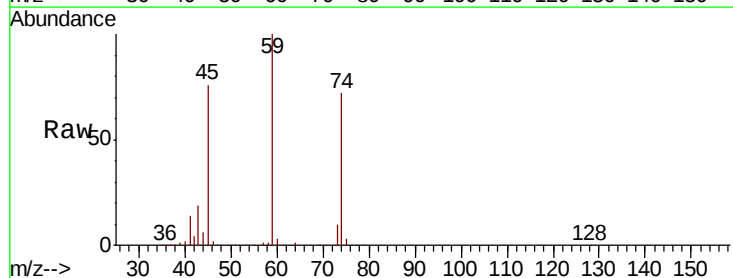
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



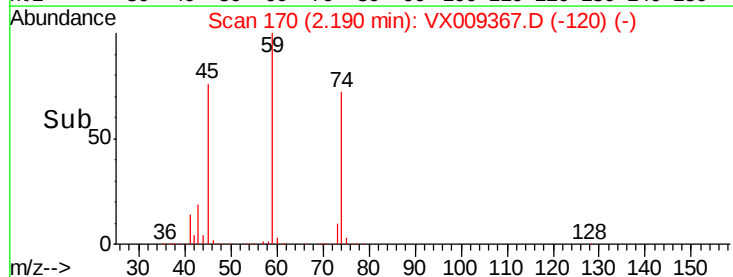
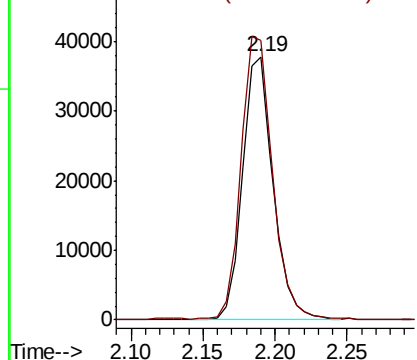
#8

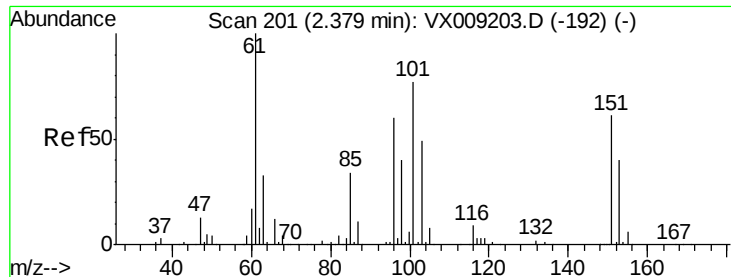
Diethyl Ether
 Concen: 43.975 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion: 74 Resp: 55863
 Ion Ratio Lower Upper
 74 100
 45 110.4 53.3 159.9



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

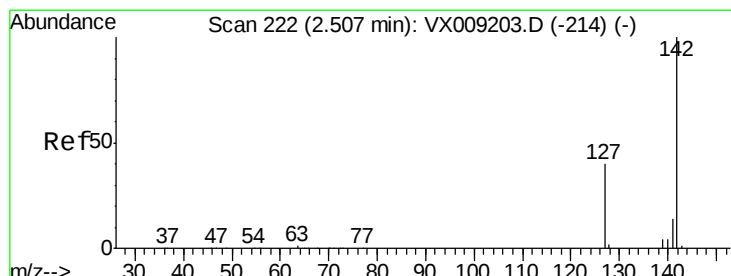
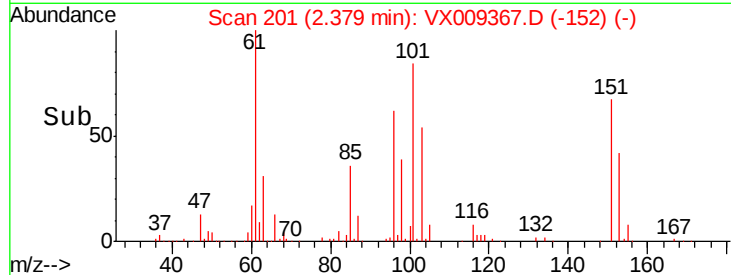
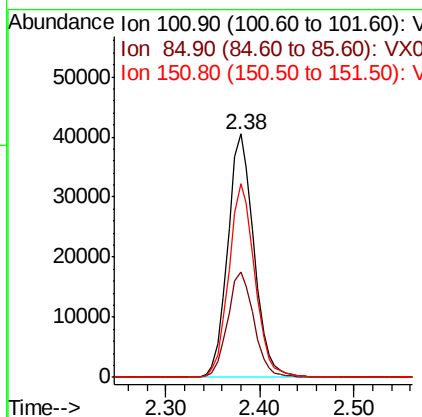
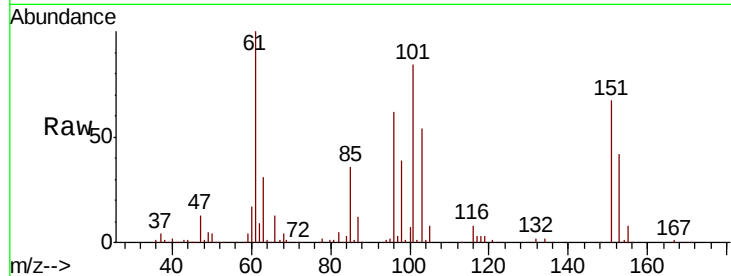




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.411 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

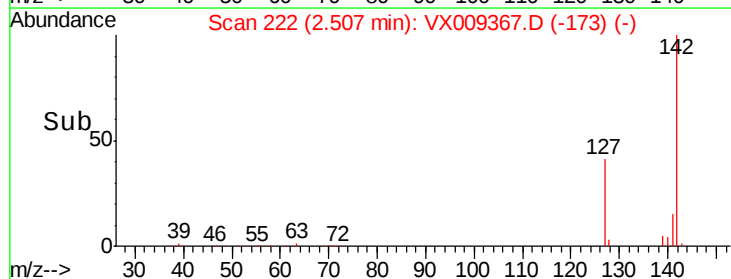
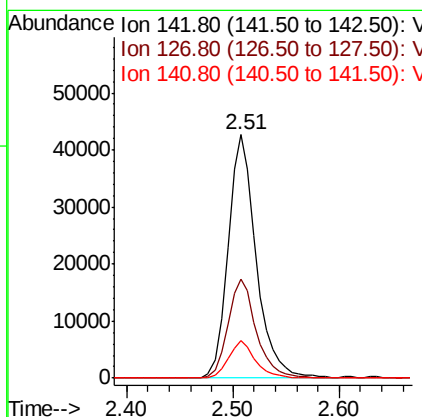
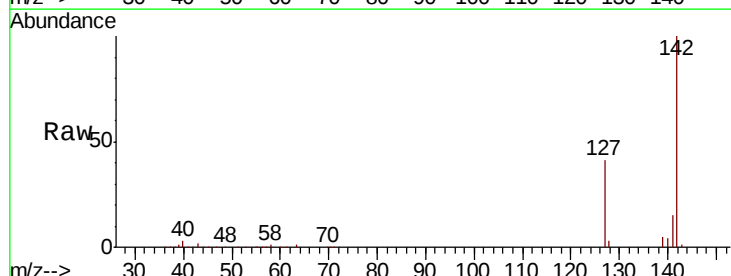
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

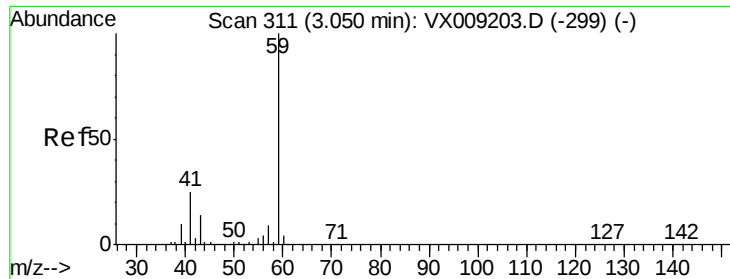
Tot Ion:101 Resp: 78160
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.7 53.5
 151 79.1 62.2 93.2



#10
 Methyl Iodide
 Concen: 40.981 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion:142 Resp: 78403
 Ion Ratio Lower Upper
 142 100
 127 41.4 32.7 49.1
 141 14.7 11.5 17.3

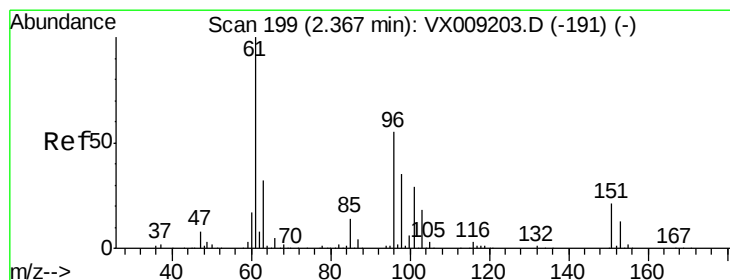
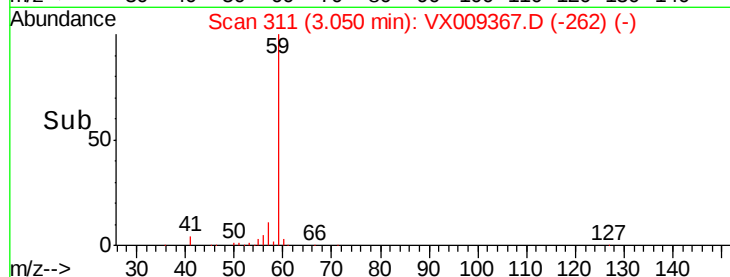
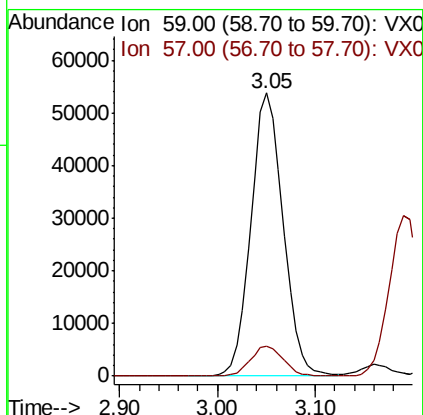
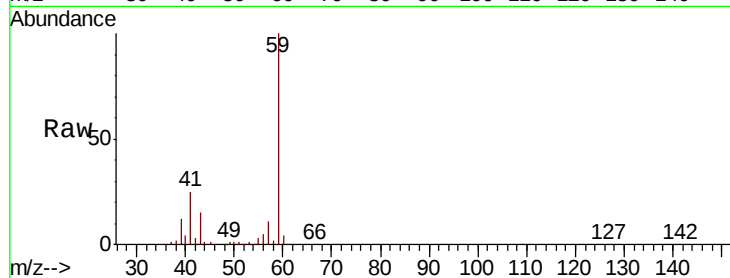




#11
Tert butyl alcohol
Concen: 216.300 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

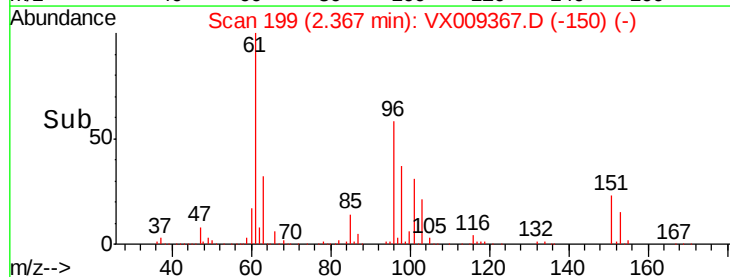
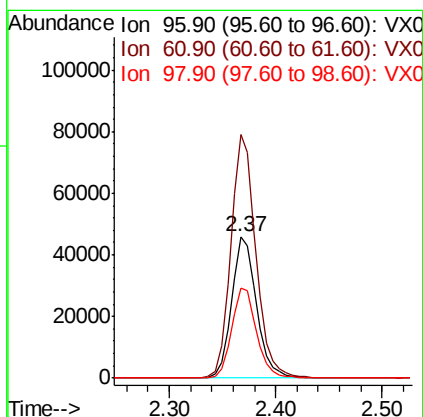
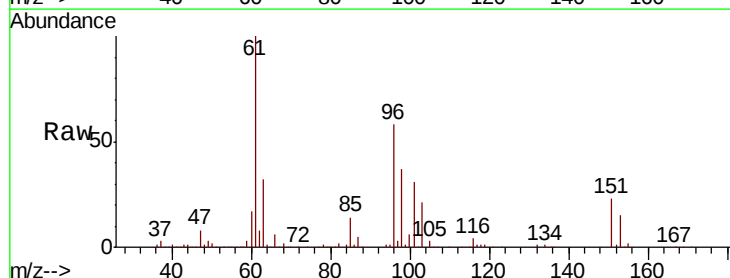
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

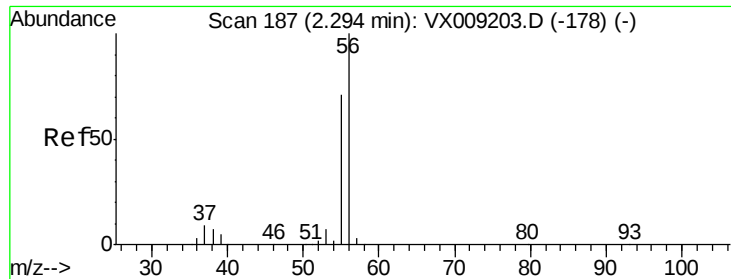
Tot Ion: 59 Resp: 122916
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.570 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 96 Resp: 75207
Ion Ratio Lower Upper
96 100
61 172.1 144.3 216.5
98 63.3 50.3 75.5

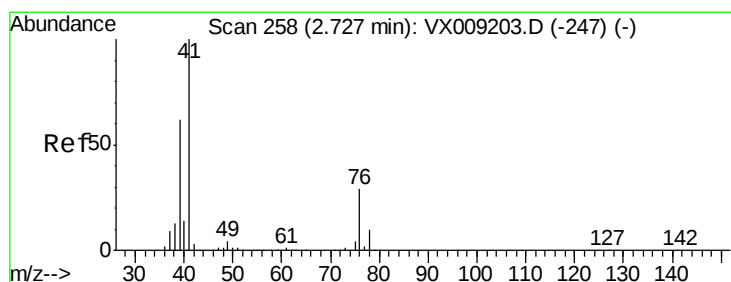
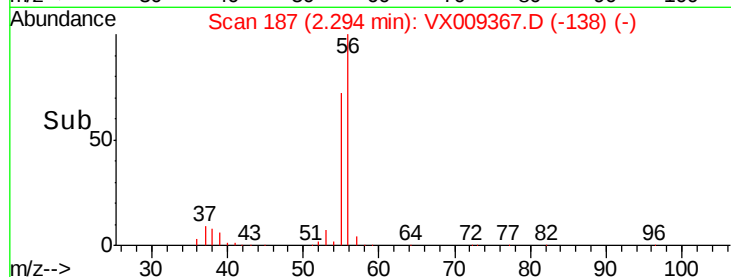
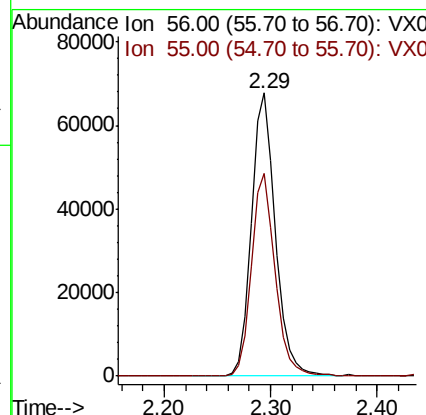
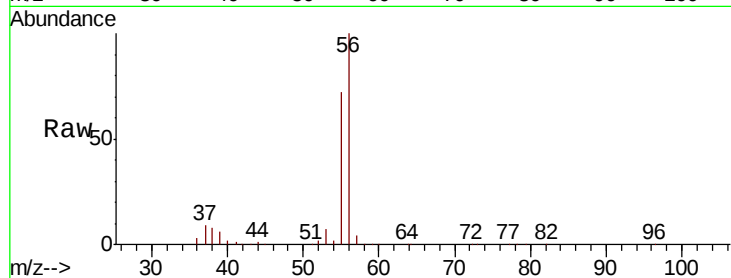




#13
 Acrolein
 Concen: 207.726 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

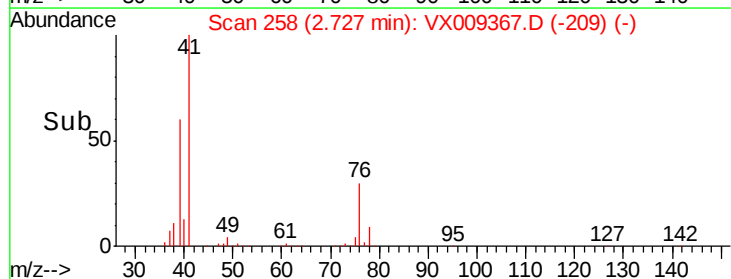
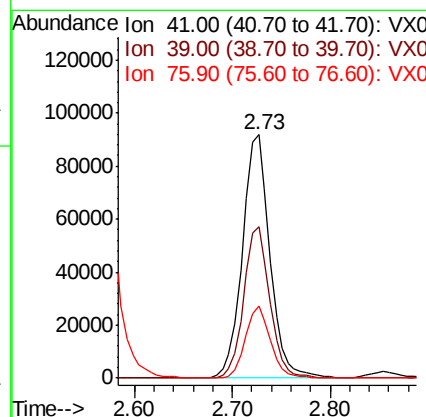
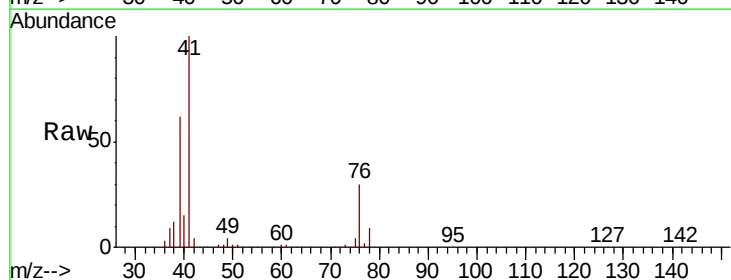
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

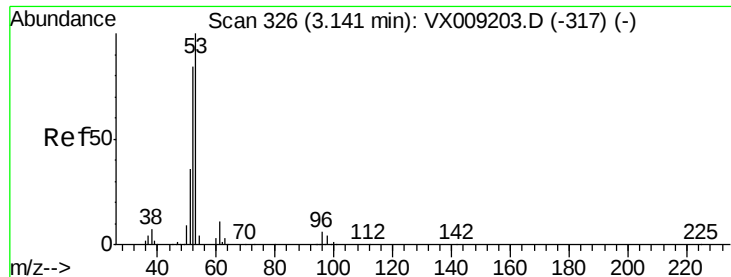
Tot Ion: 56 Resp: 106904
 Ion Ratio Lower Upper
 56 100
 55 71.3 56.6 85.0



#14
 Allyl chloride
 Concen: 43.530 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion: 41 Resp: 179002
 Ion Ratio Lower Upper
 41 100
 39 58.8 46.7 70.1
 76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 219.628 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

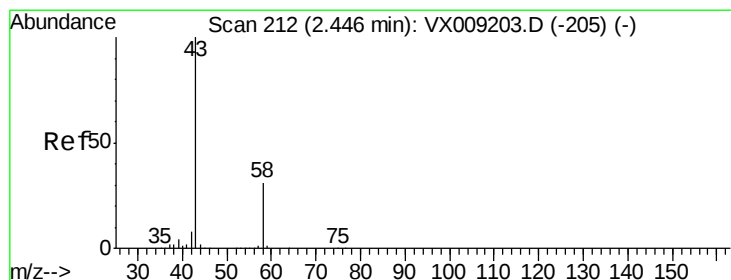
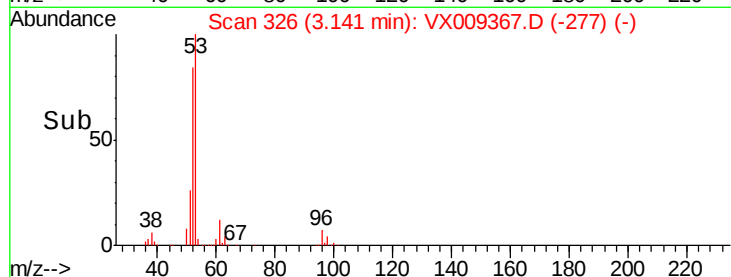
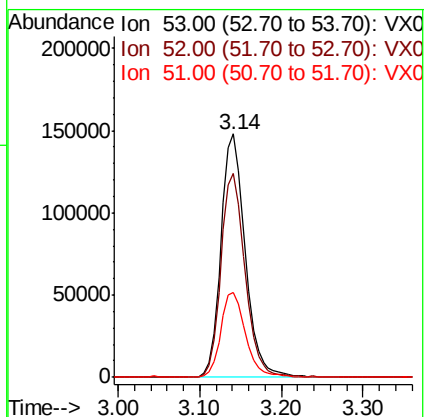
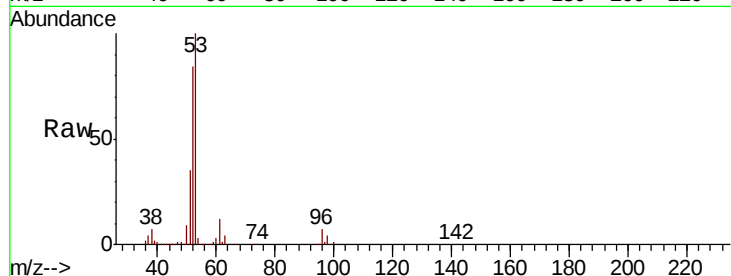
Tot Ion: 53 Resp: 305163

Ion Ratio Lower Upper

53 100

52 83.9 66.9 100.3

51 35.7 28.2 42.2



#16

Acetone

Concen: 241.499 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009367.D

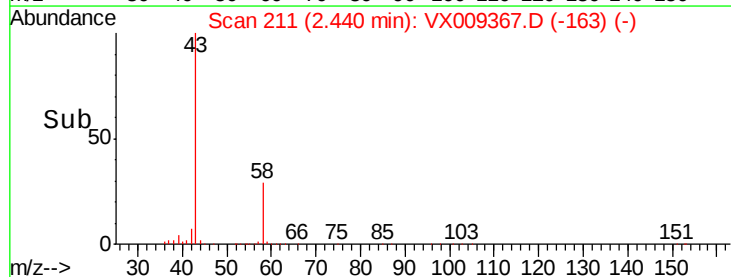
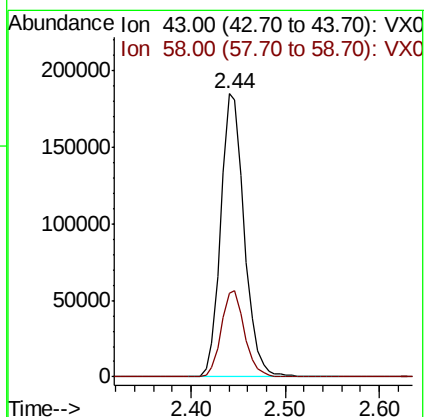
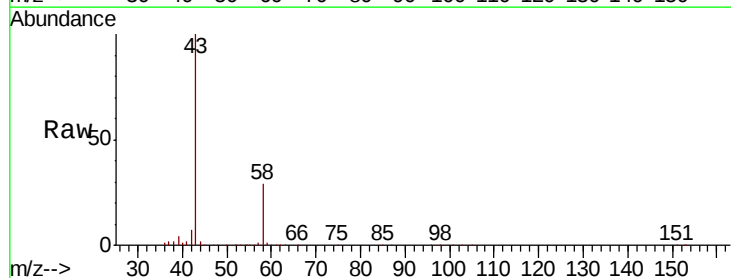
Acq: 07 May 2019 09:44

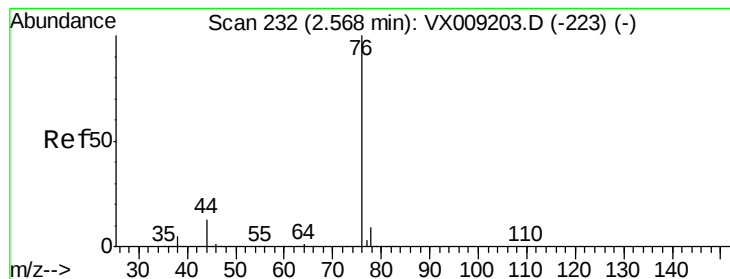
Tgt Ion: 43 Resp: 318350

Ion Ratio Lower Upper

43 100

58 29.3 24.9 37.3





#17

Carbon Disulfide

Concen: 41.288 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

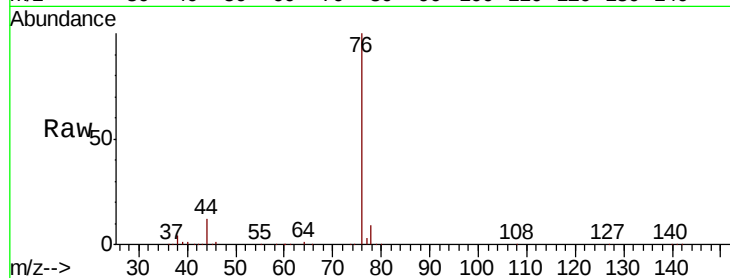
VSTDCCC050

Tot Ion: 76 Resp: 195599

Ion Ratio Lower Upper

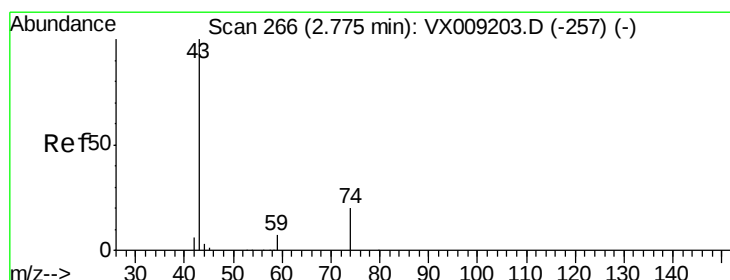
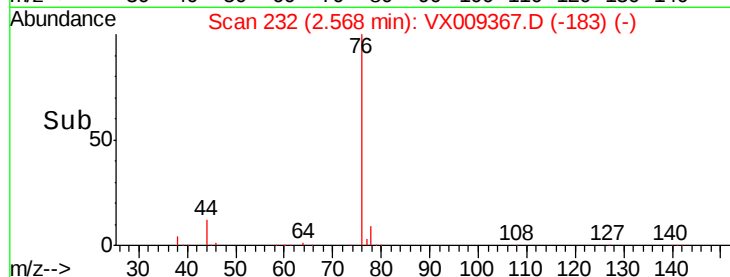
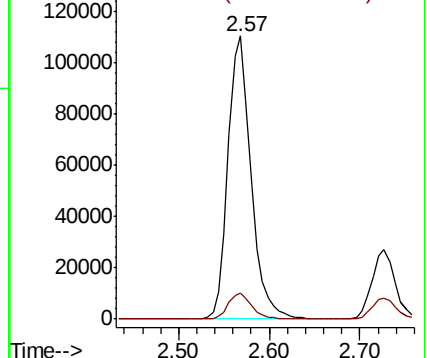
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.765 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009367.D

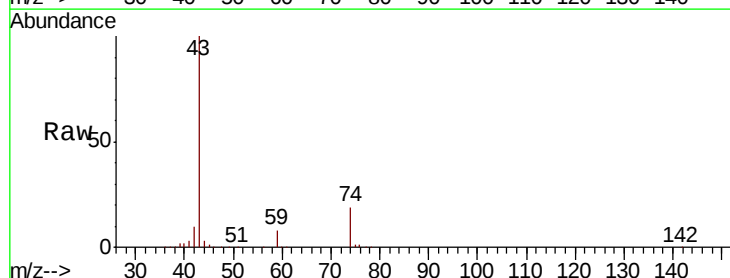
Acq: 07 May 2019 09:44

Tgt Ion: 43 Resp: 137202

Ion Ratio Lower Upper

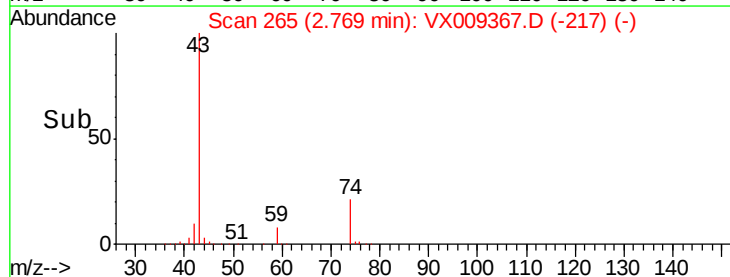
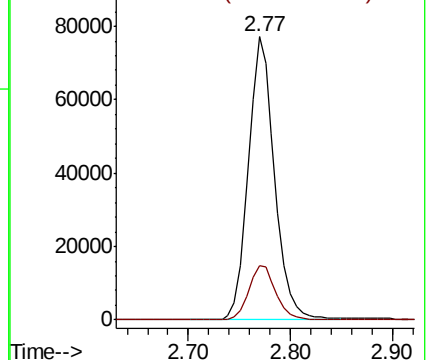
43 100

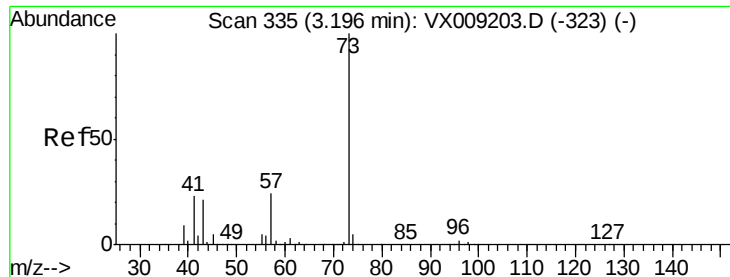
74 20.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

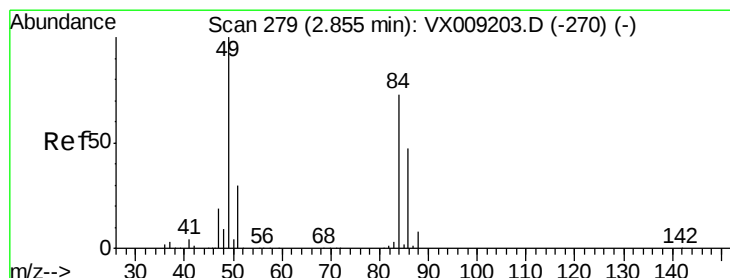
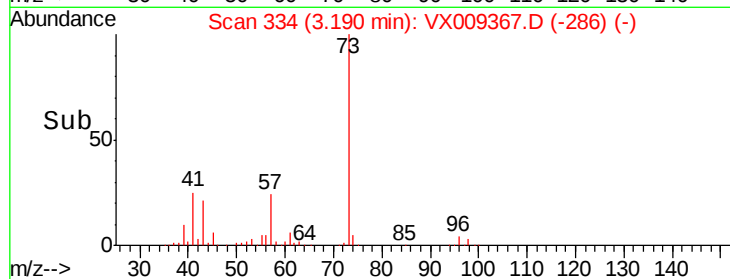
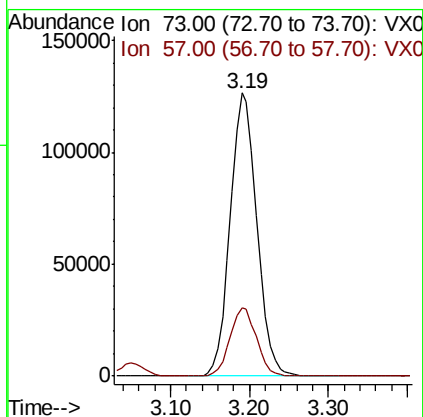
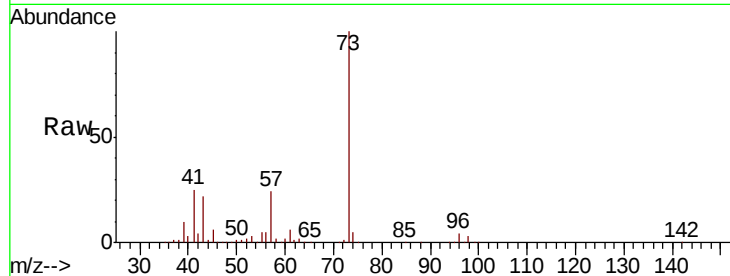




#19
Methvl tert-butvl Ether
Concen: 45.352 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

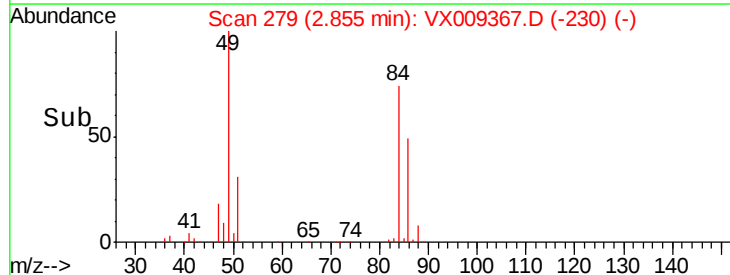
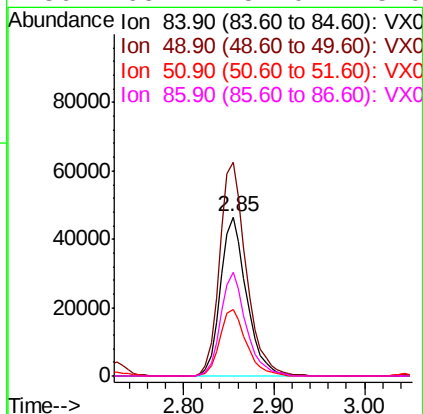
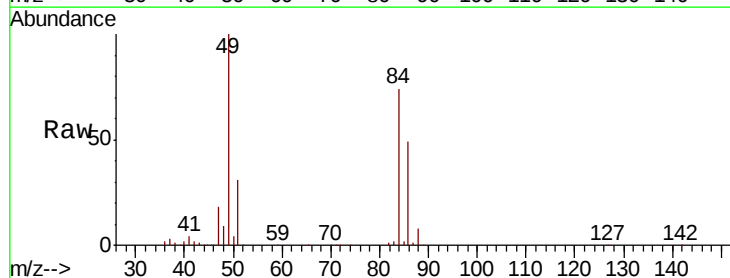
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

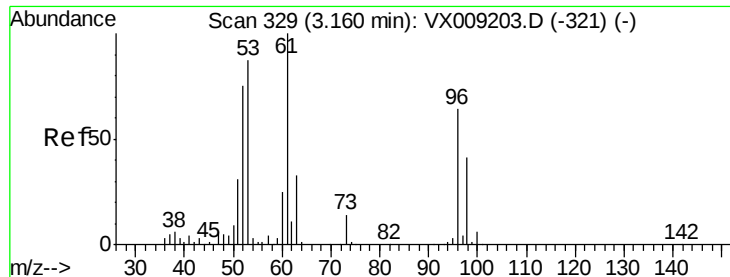
Tot Ion: 73 Resp: 297167
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 43.628 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 84 Resp: 93120
Ion Ratio Lower Upper
84 100
49 134.2 109.9 164.9
51 42.1 32.7 49.1
86 65.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 44.231 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

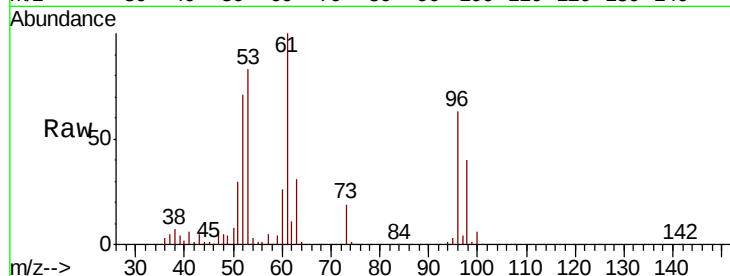
Tot Ion: 96 Resp: 80941

Ion Ratio Lower Upper

96 100

61 158.3 124.5 186.7

98 63.9 50.4 75.6

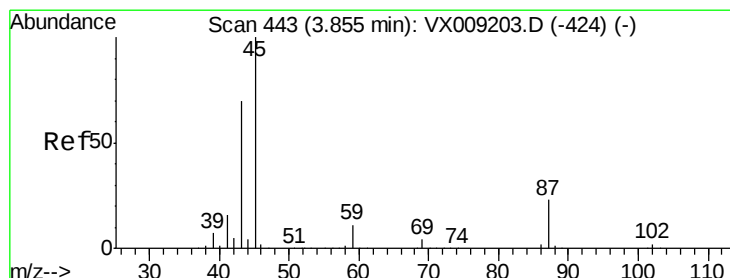
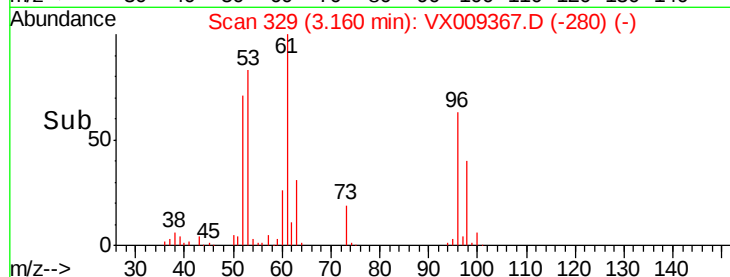
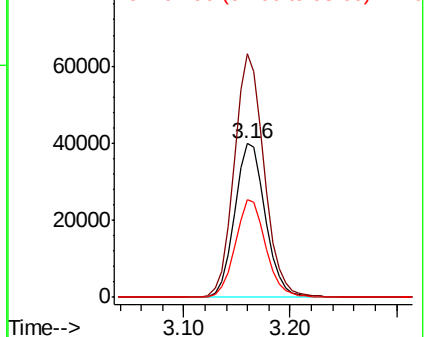


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.507 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Tgt Ion: 45 Resp: 359876

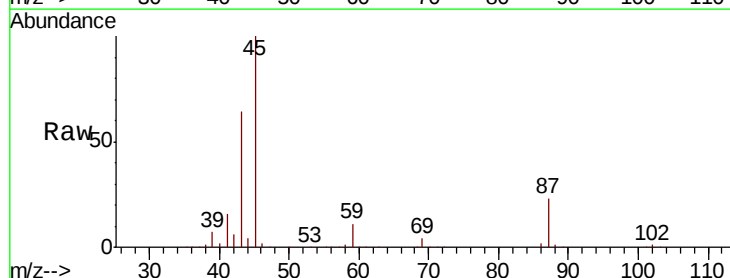
Ion Ratio Lower Upper

45 100

43 63.9 56.1 84.1

87 22.7 18.1 27.1

59 10.6 8.5 12.7



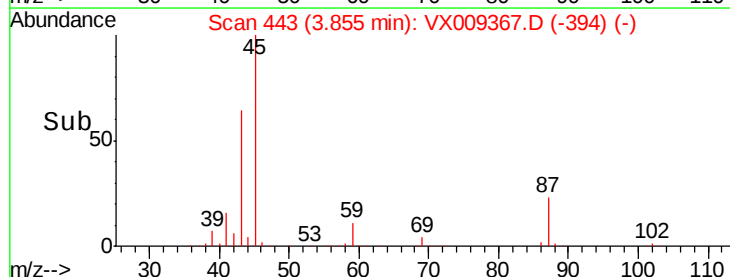
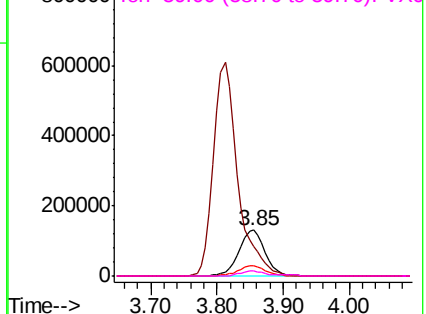
Abundance

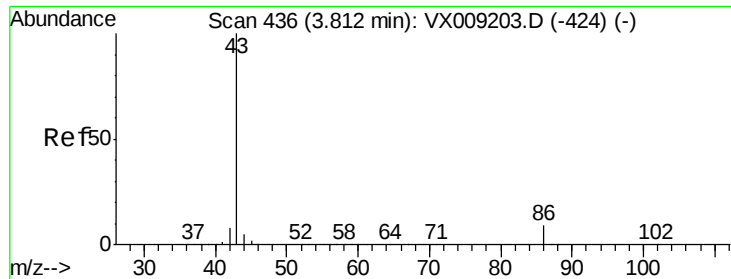
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 231.302 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

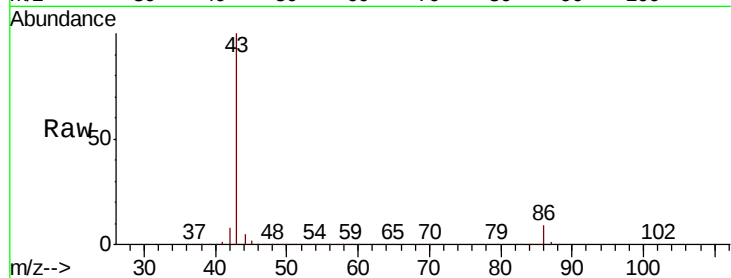
VSTDCCC050

Tot Ion: 43 Resp: 1566341

Ion Ratio Lower Upper

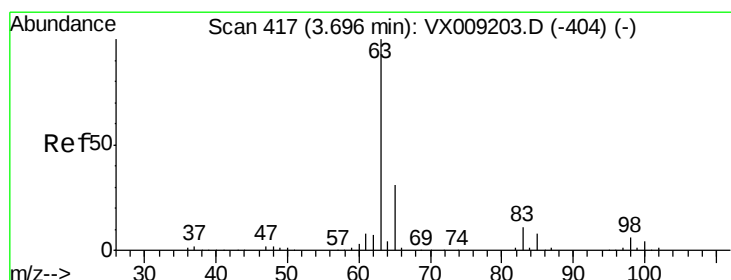
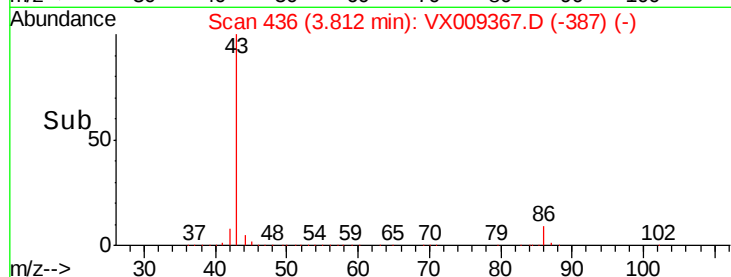
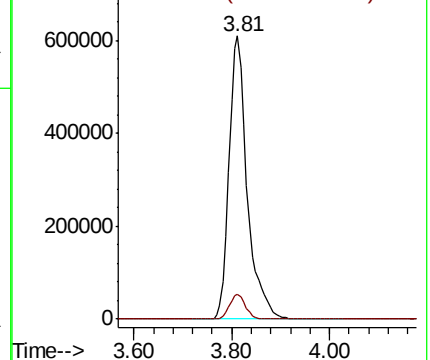
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.865 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

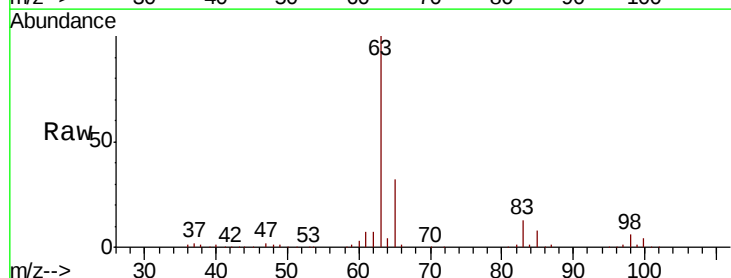
Tgt Ion: 63 Resp: 175025

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

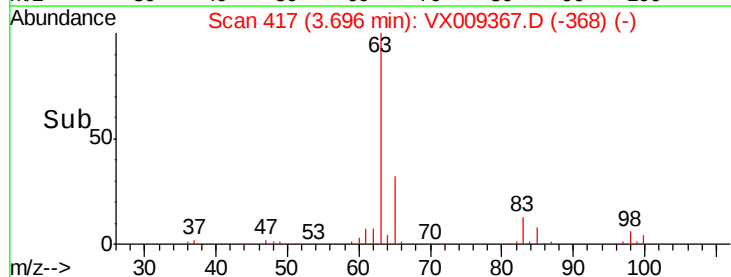
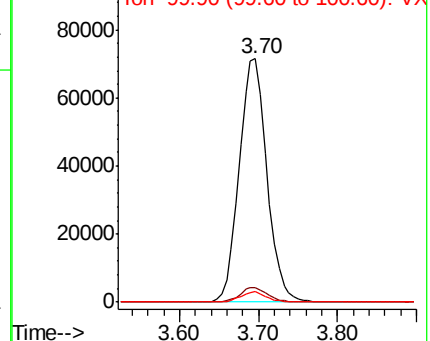
100 4.2 2.0 6.0

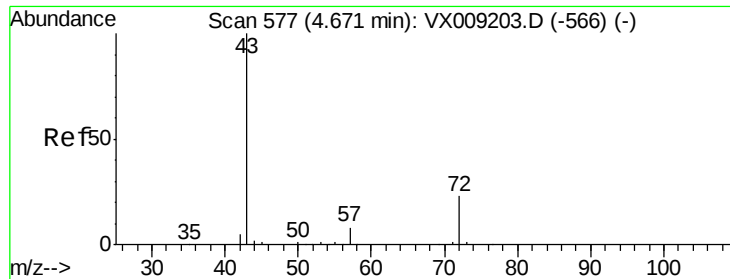


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.692 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

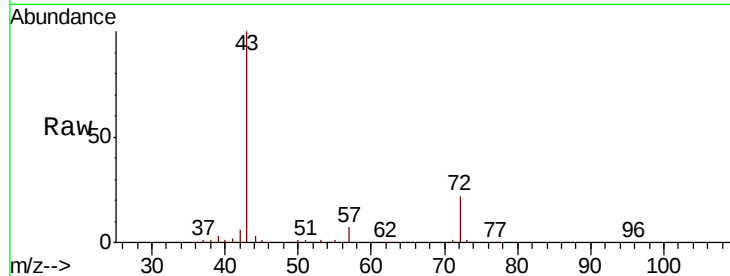
VSTDCCC050

Tot Ion: 43 Resp: 480762

Ion Ratio Lower Upper

43 100

72 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

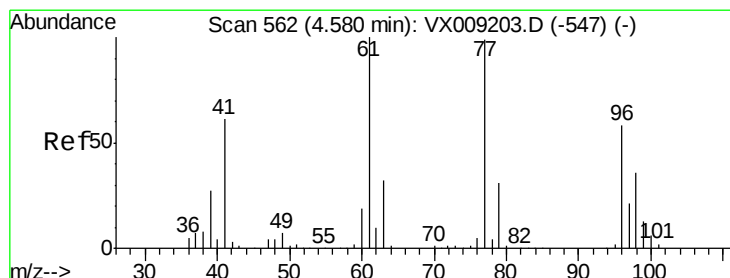
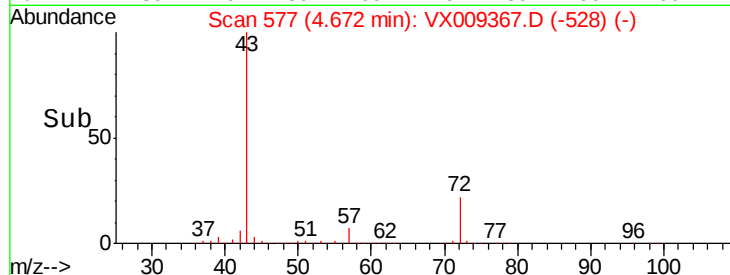
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 45.972 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX009367.D

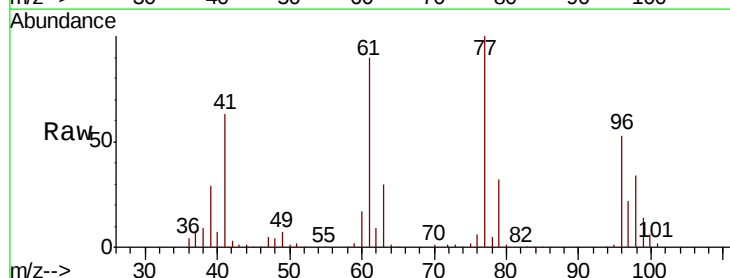
Acq: 07 May 2019 09:44

Tgt Ion: 77 Resp: 133494

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

50000

40000

30000

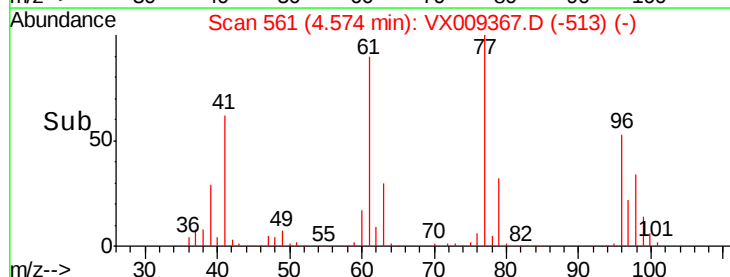
20000

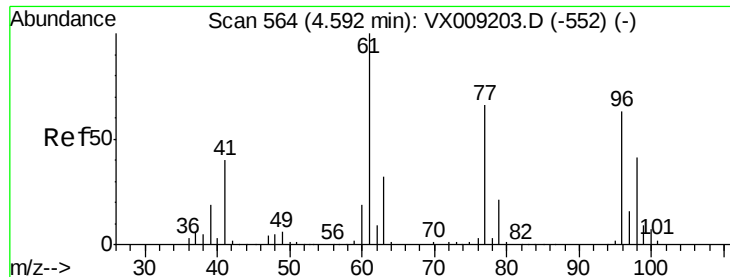
10000

0

Time-->

4.40 4.50 4.60 4.70



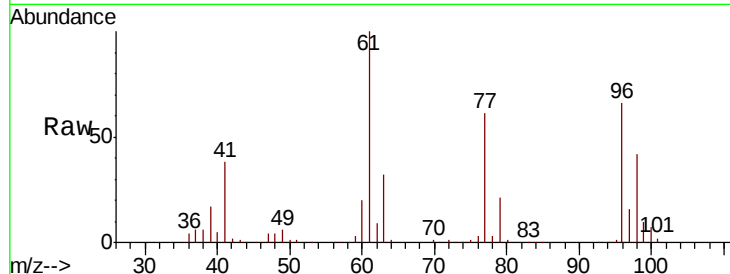


#27

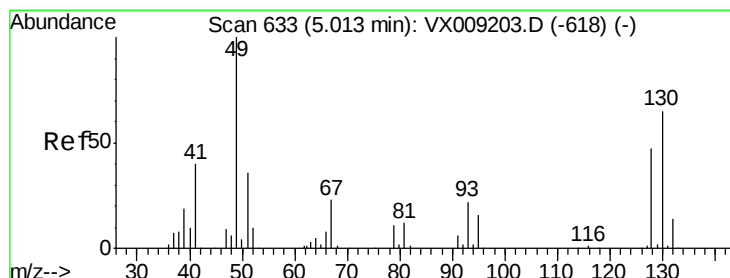
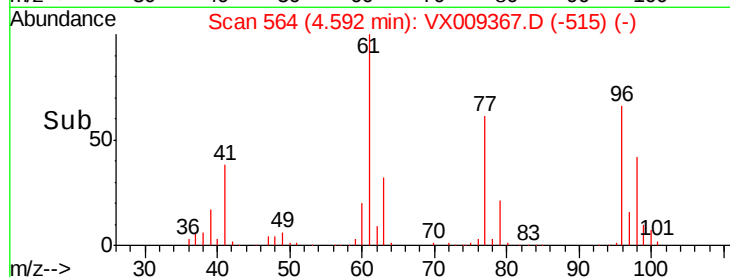
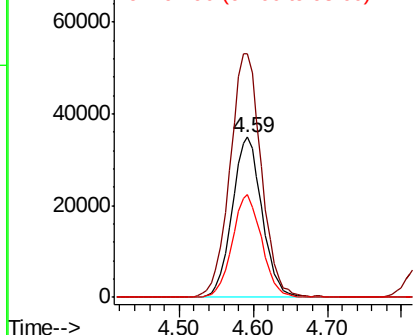
cis-1,2-Dichloroethene
Concen: 44.982 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 98252
Ion Ratio Lower Upper
96 100
61 159.3 0.0 324.0
98 63.2 0.0 130.4



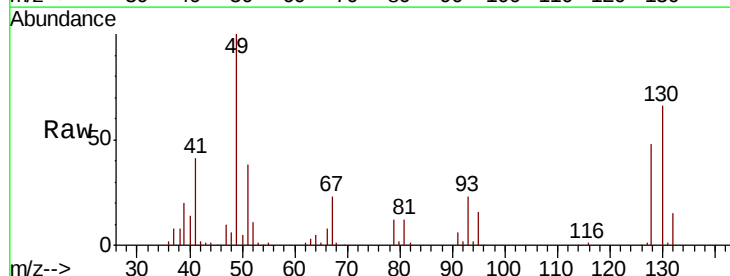
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



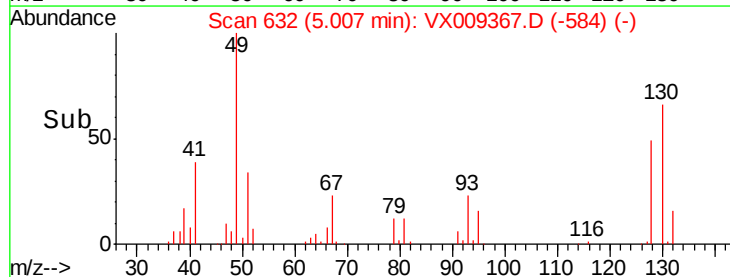
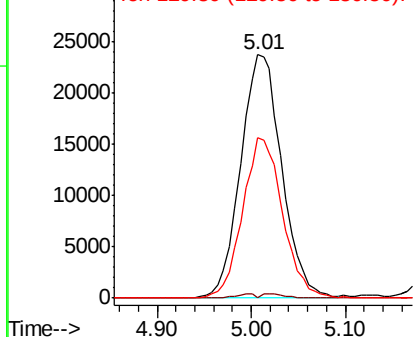
#28

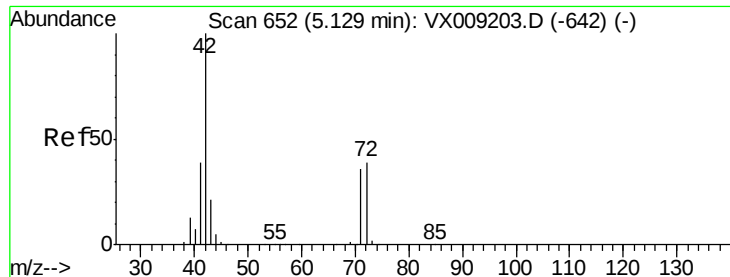
Bromochloromethane
Concen: 45.981 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 49 Resp: 72555
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.8
130 64.0 51.2 76.8



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

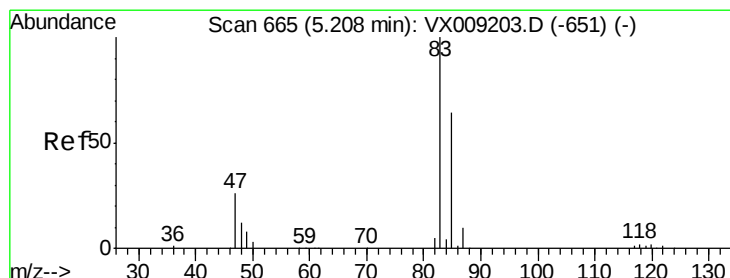
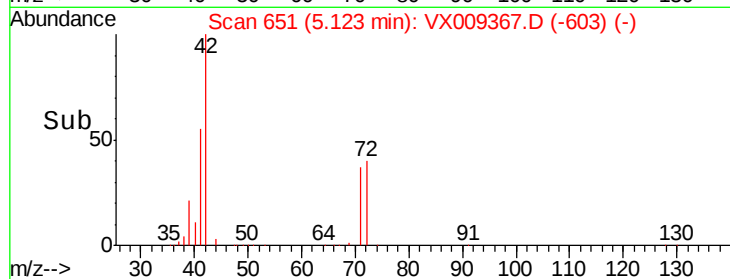
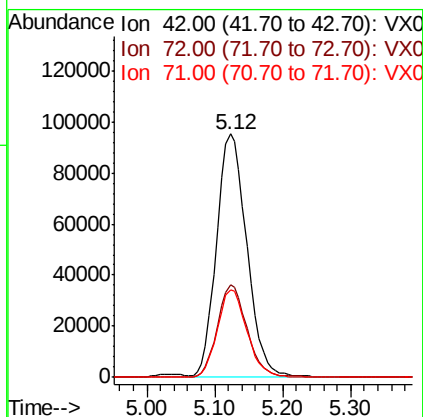
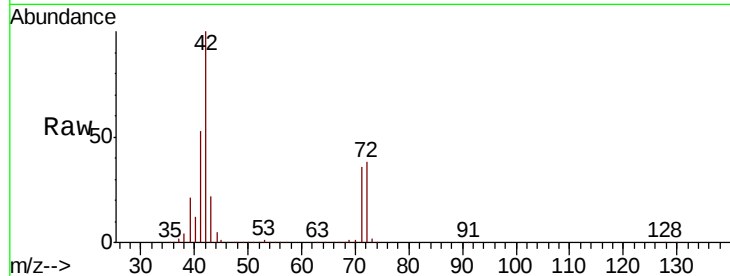




#29
Tetrahydrofuran
Concen: 222.489 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

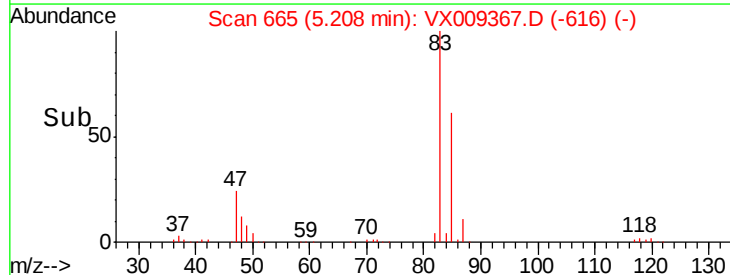
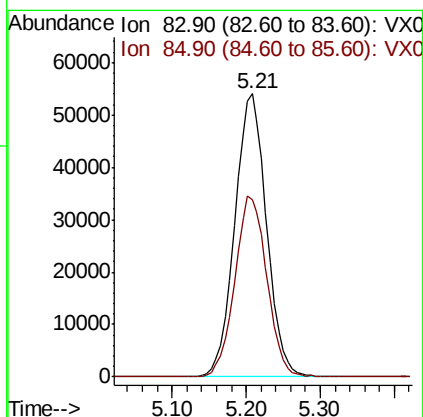
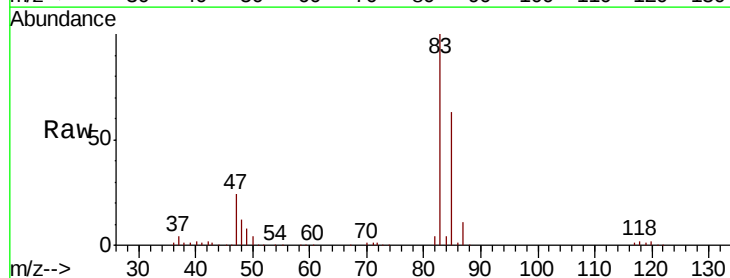
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

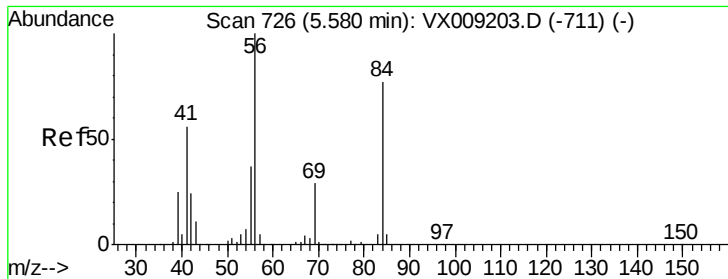
Tot Ion: 42 Resp: 293283
Ion Ratio Lower Upper
42 100
72 37.7 30.4 45.6
71 35.2 28.6 43.0



#30
Chloroform
Concen: 45.712 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 83 Resp: 161290
Ion Ratio Lower Upper
83 100
85 62.7 51.5 77.3

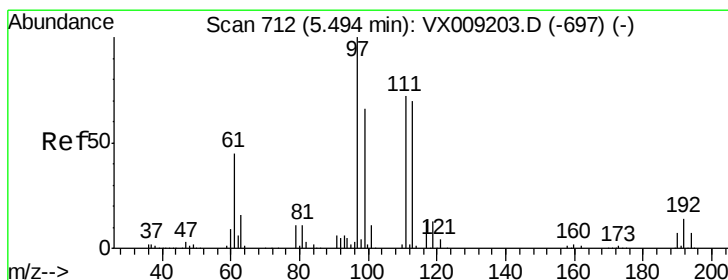
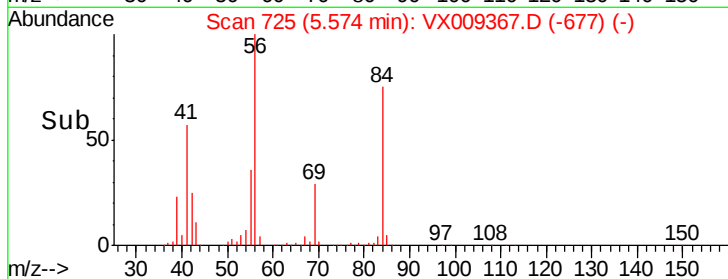
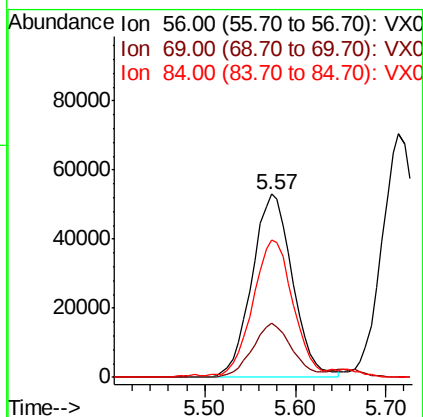
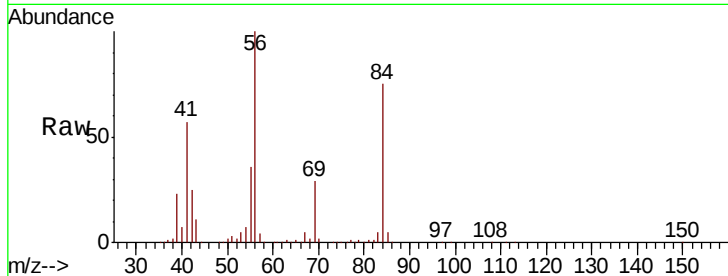




#31
Cyclohexane
Concen: 45.205 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

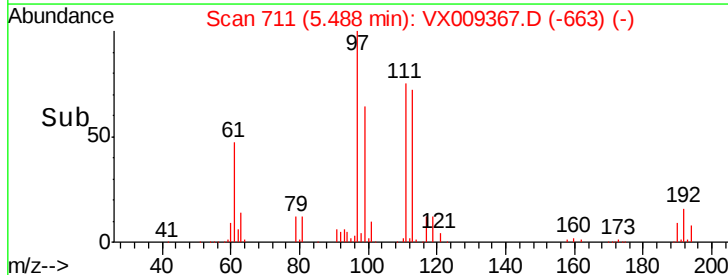
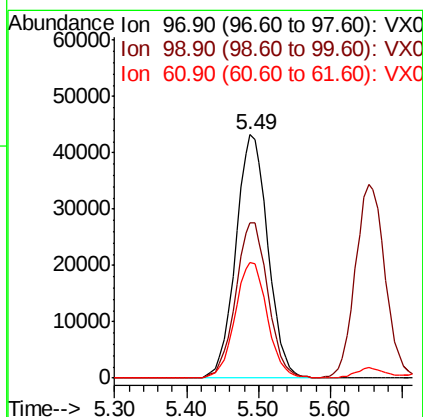
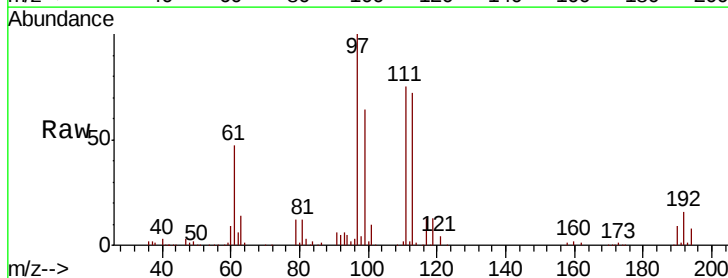
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

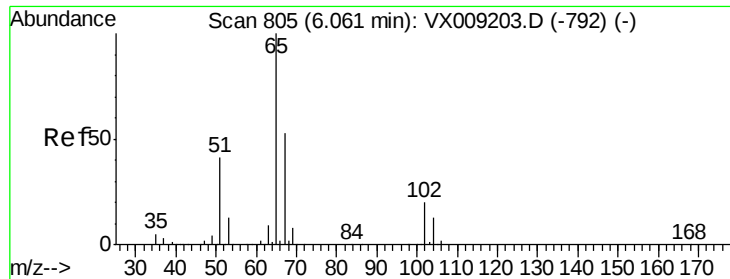
Tot Ion: 56 Resp: 164073
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.0
84 74.1 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 45.430 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 97 Resp: 133439
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 47.8 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 50.869 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

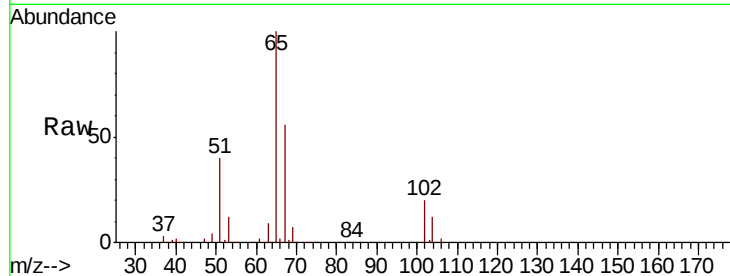
VSTDCCC050

Tot Ion: 65 Resp: 124881

Ion Ratio Lower Upper

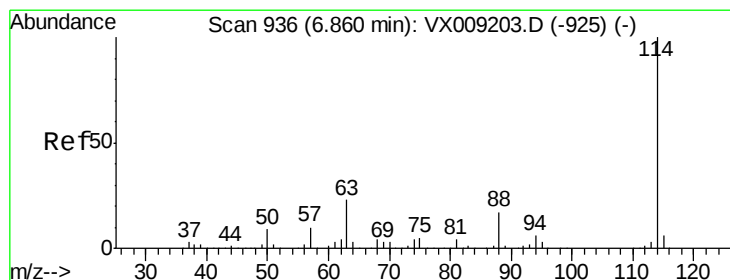
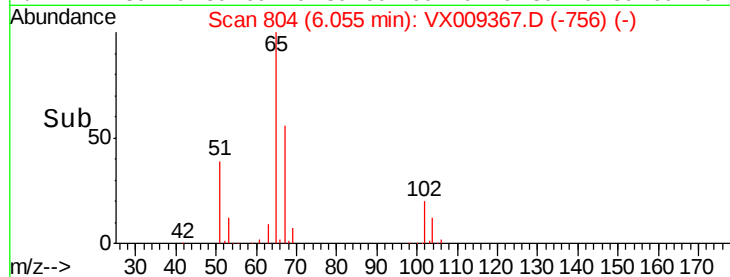
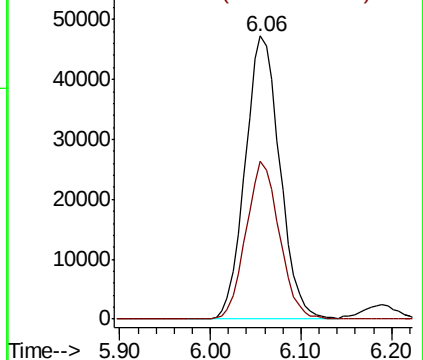
65 100

67 53.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

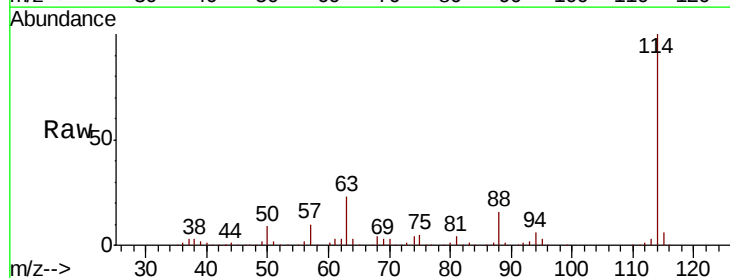
Tgt Ion: 114 Resp: 280068

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

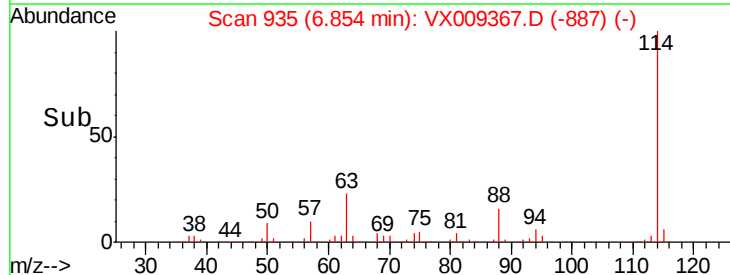
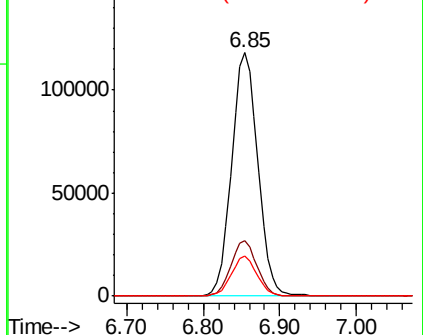
88 16.4 0.0 33.2

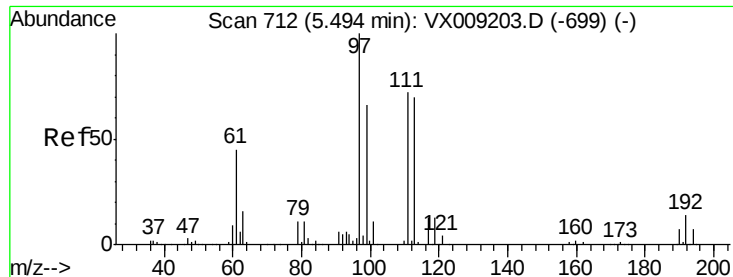


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

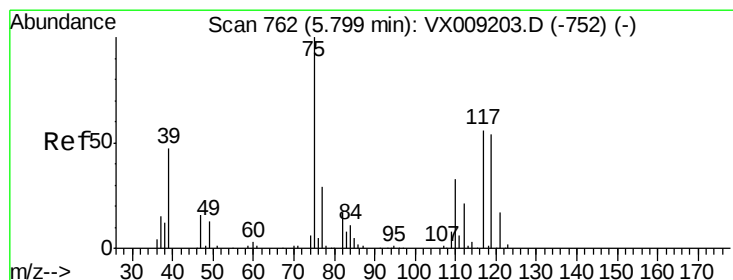
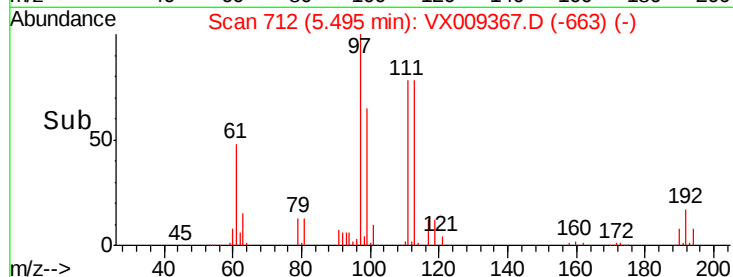
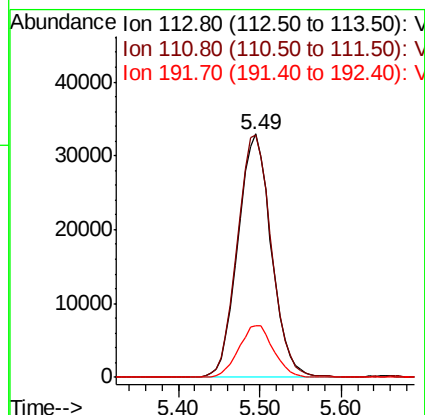
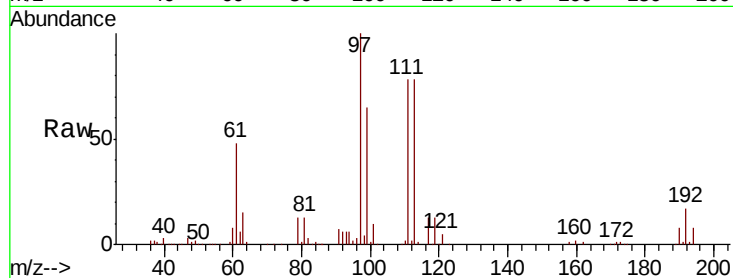




#35
 Dibromofluoromethane
 Concen: 53.211 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

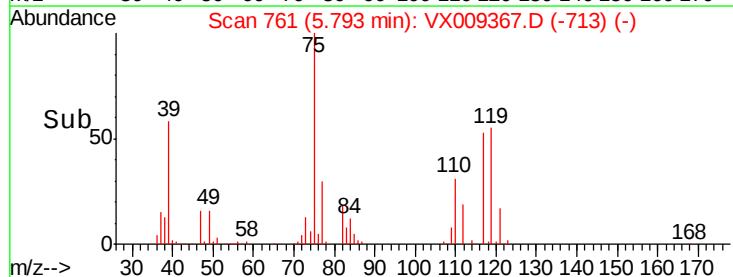
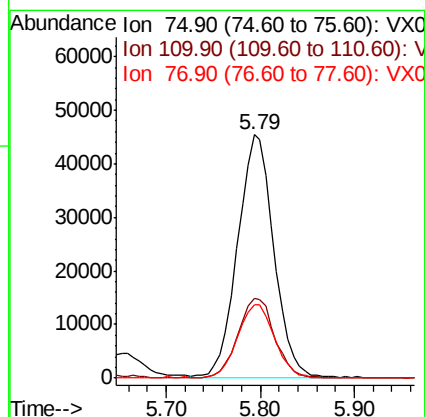
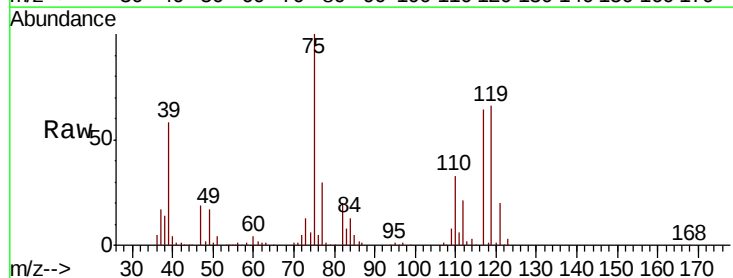
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

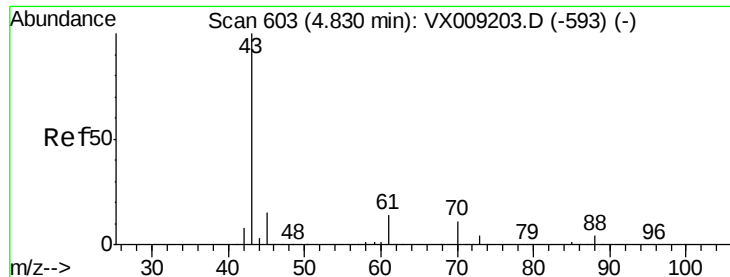
Tot Ion:113 Resp: 93685
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.8 124.2
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 46.324 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion: 75 Resp: 120568
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.9 50.6
 77 30.7 24.8 37.2

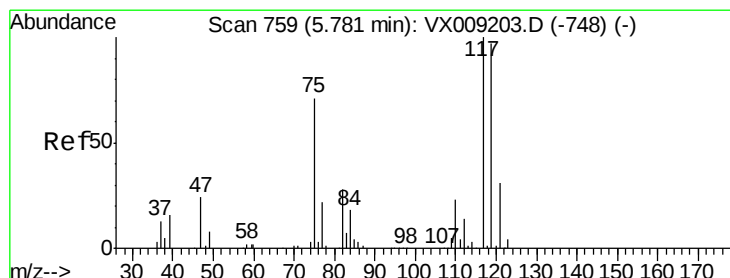
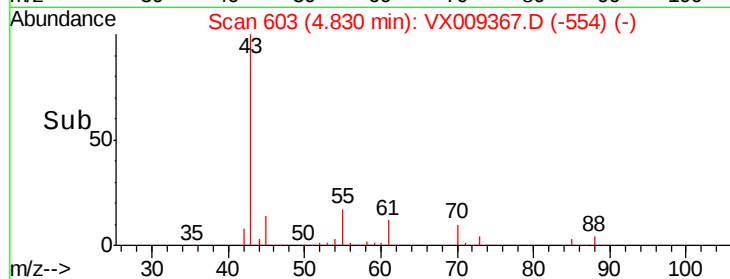
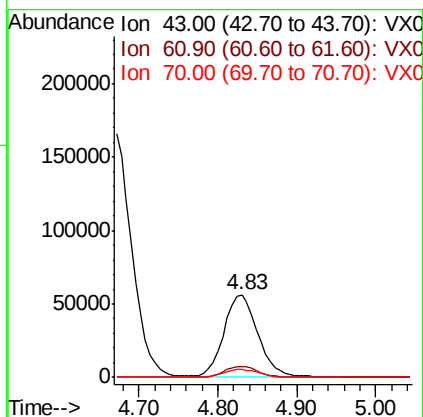
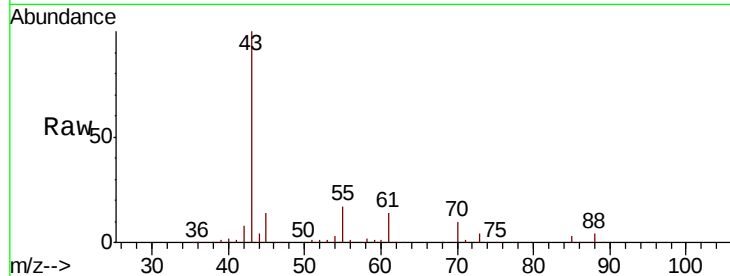




#37
Ethyl Acetate
Concen: 46.095 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

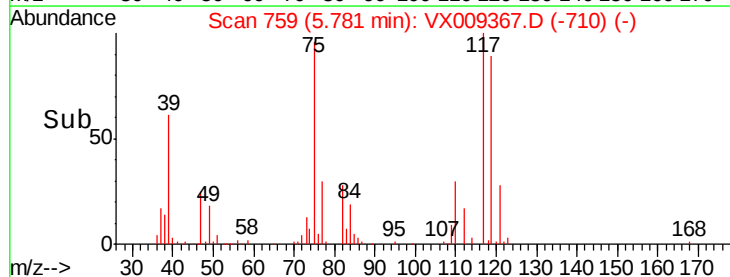
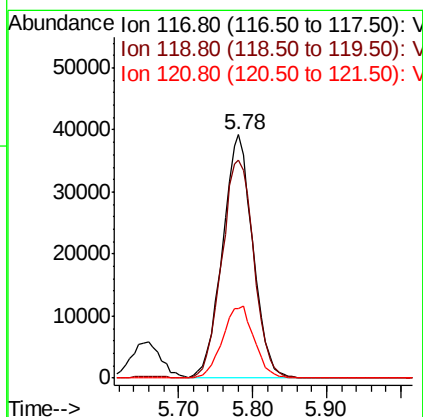
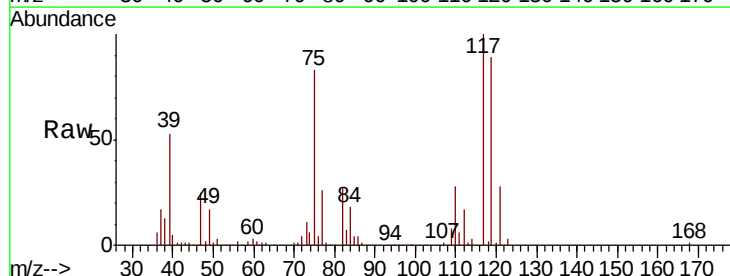
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

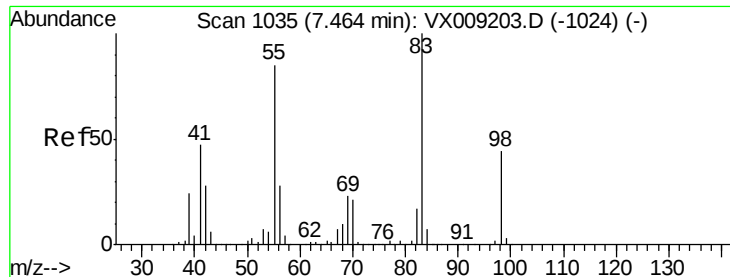
Tot Ion: 43 Resp: 167157
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 47.260 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 117 Resp: 111758
Ion Ratio Lower Upper
117 100
119 89.5 77.5 116.3
121 28.3 24.7 37.1

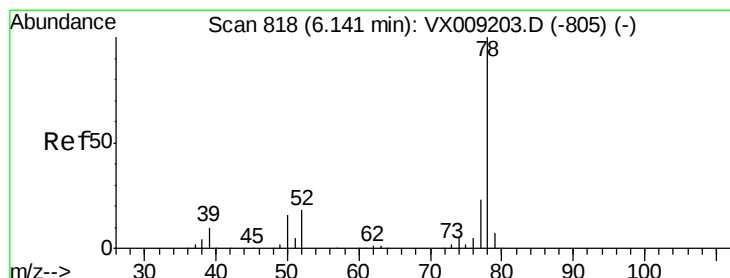
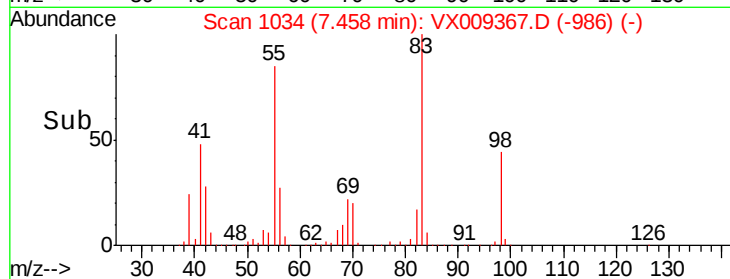
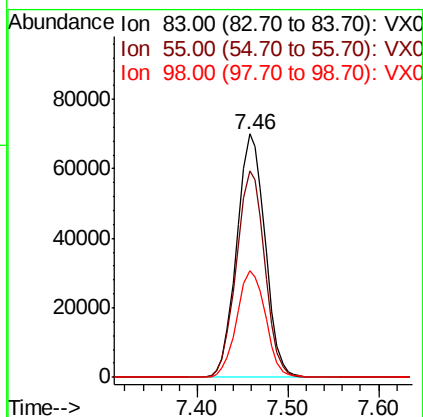
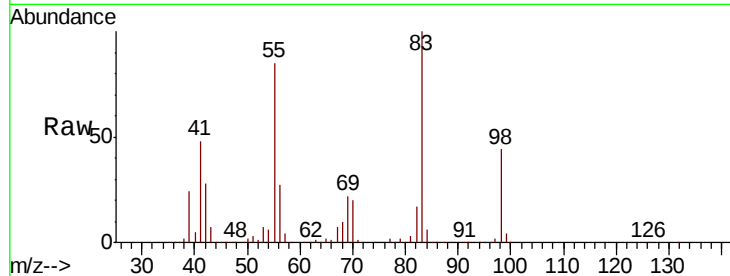




#39
Methvlcvclohexane
Concen: 47.571 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

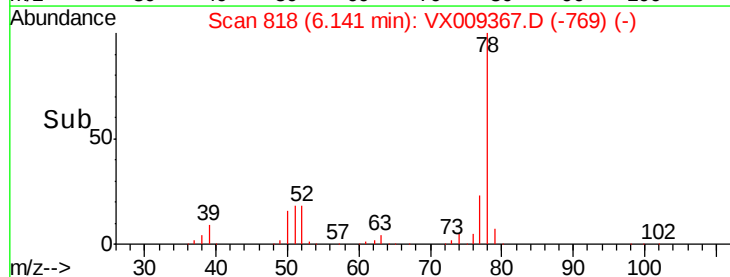
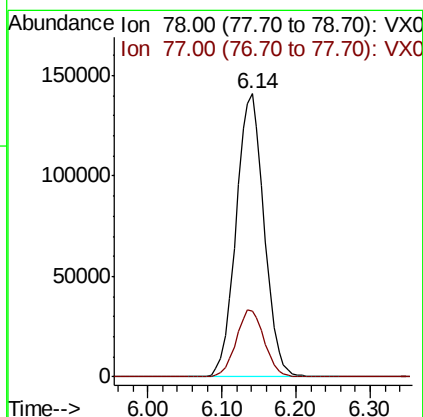
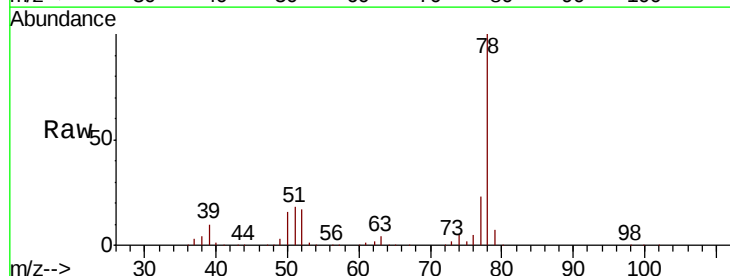
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

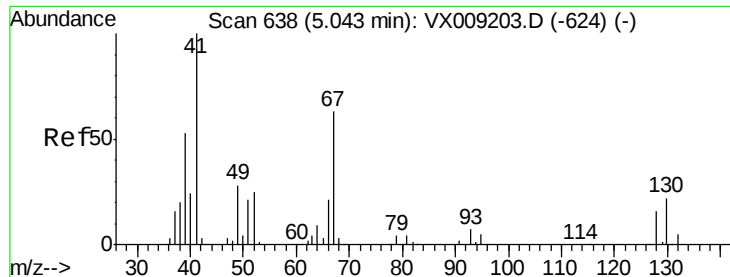
Tot Ion: 83 Resp: 152055
Ion Ratio Lower Upper
83 100
55 84.6 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 46.194 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 78 Resp: 372091
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 45.011 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 97164

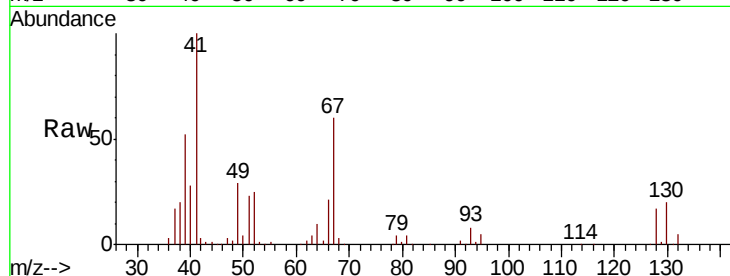
Ion Ratio Lower Upper

41 100

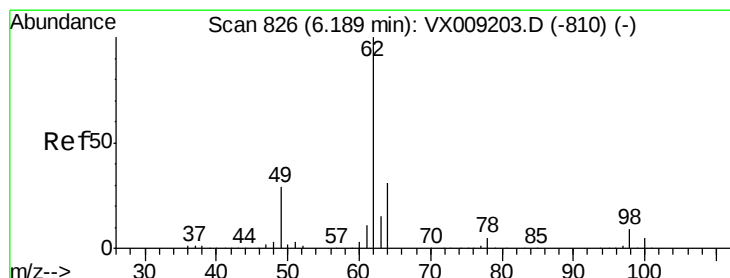
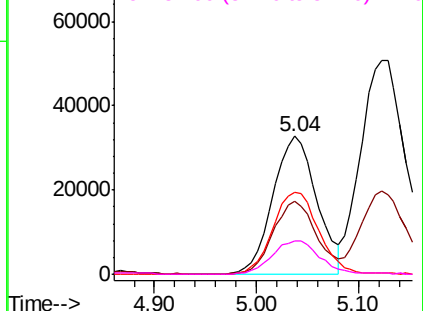
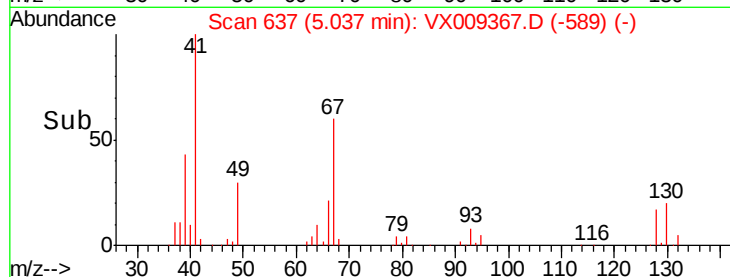
39 53.1 42.0 63.0

67 63.0 49.8 74.8

52 26.9 20.3 30.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.814 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009367.D

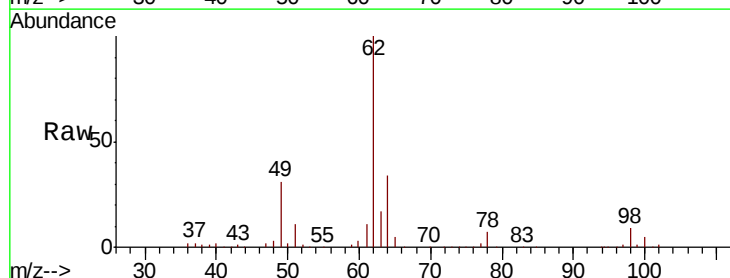
Acq: 07 May 2019 09:44

Tgt Ion: 62 Resp: 135266

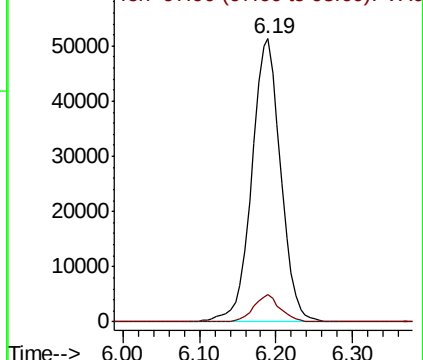
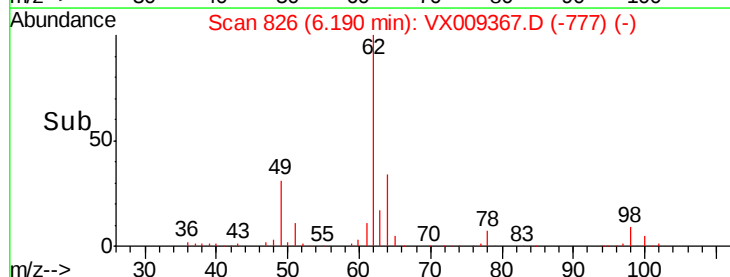
Ion Ratio Lower Upper

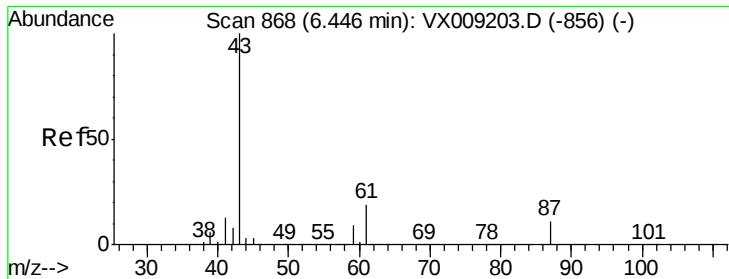
62 100

98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



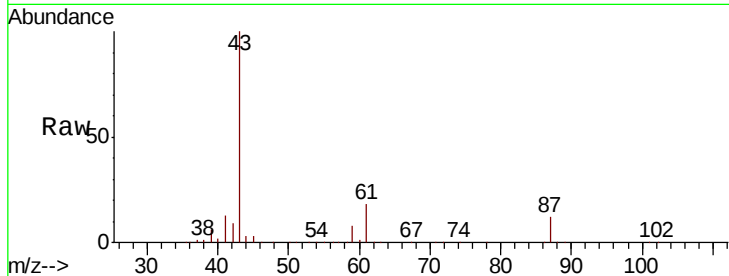


#43

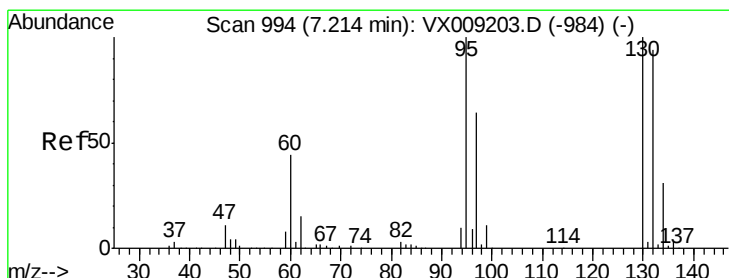
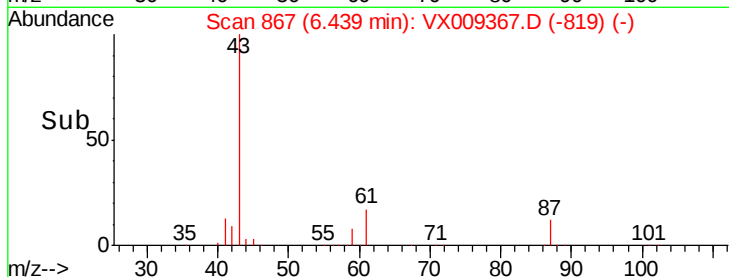
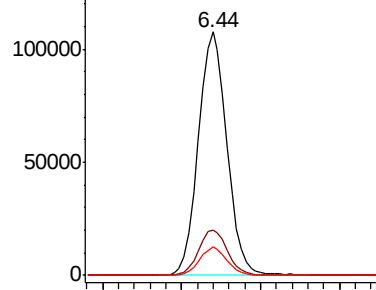
Isopropyl Acetate
 Concen: 46.381 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	269033
Ion Ratio	Lower	Upper	
43	100		
61	18.9	15.1	22.7
87	11.3	9.0	13.6



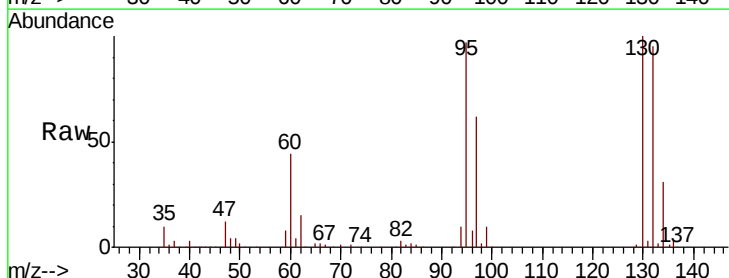
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



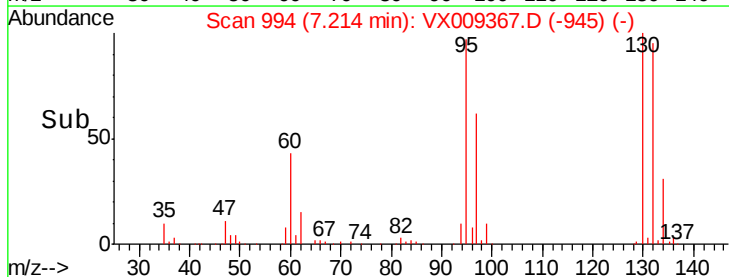
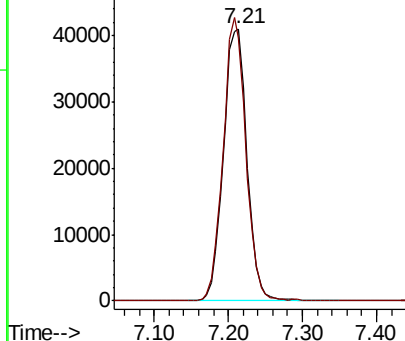
#44

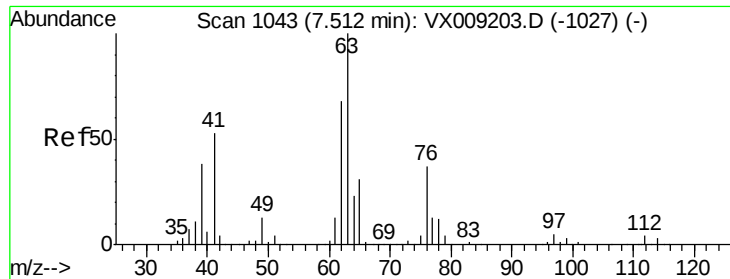
Trichloroethene
 Concen: 46.418 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion	130	Resp	90390
Ion Ratio	Lower	Upper	
130	100		
95	96.7	0.0	199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

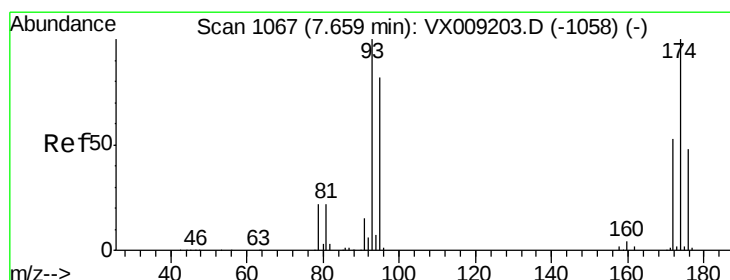
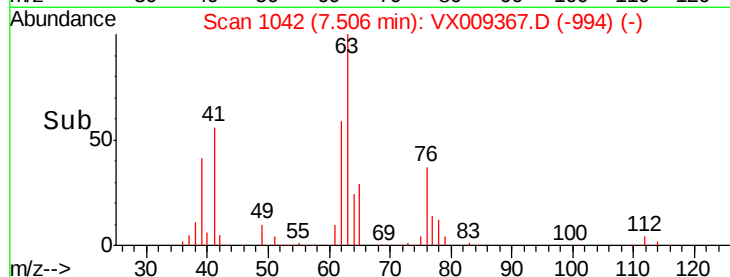
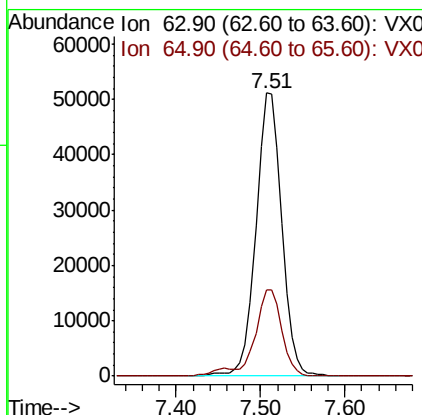
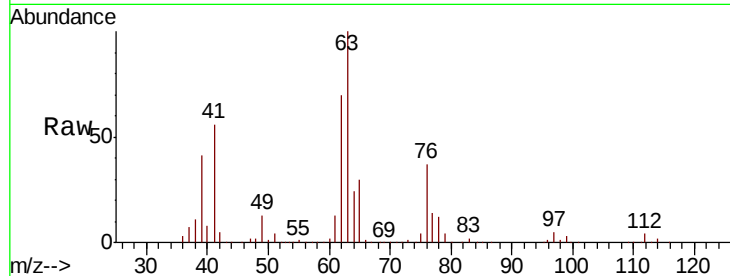




#45
 1,2-Dichloropropane
 Concen: 47.054 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

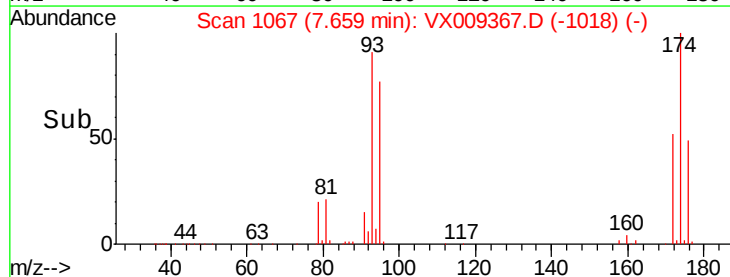
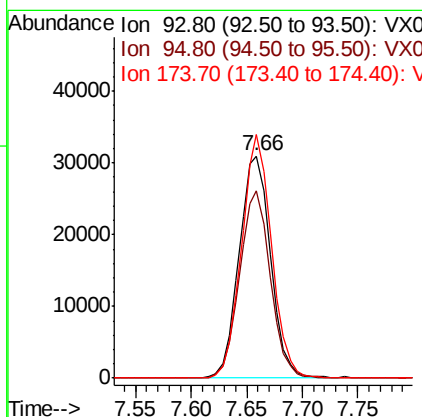
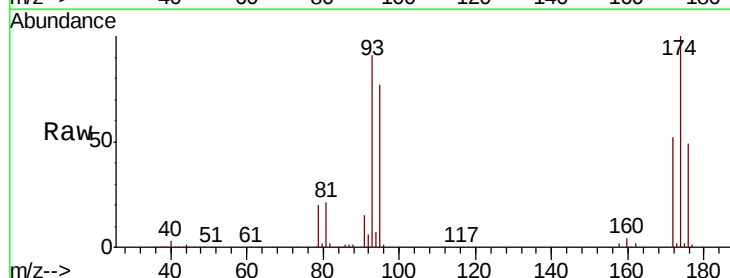
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

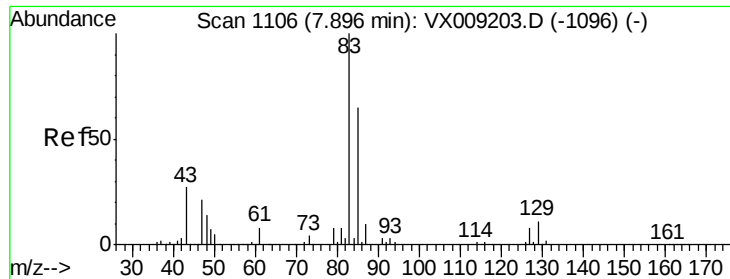
Tot Ion: 63 Resp: 107323
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.6



#46
 Dibromomethane
 Concen: 45.858 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion: 93 Resp: 60738
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 104.5 82.1 123.1





#47

Bromodichloromethane

Concen: 47.818 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

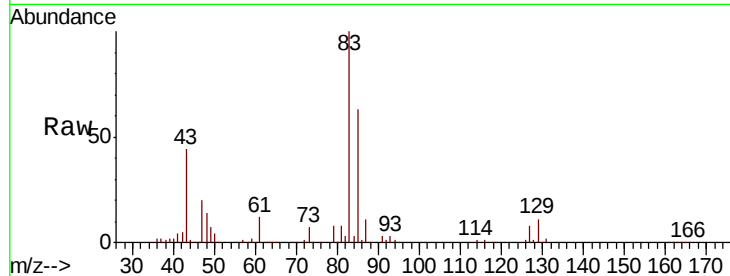
Tot Ion: 83 Resp: 126337

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

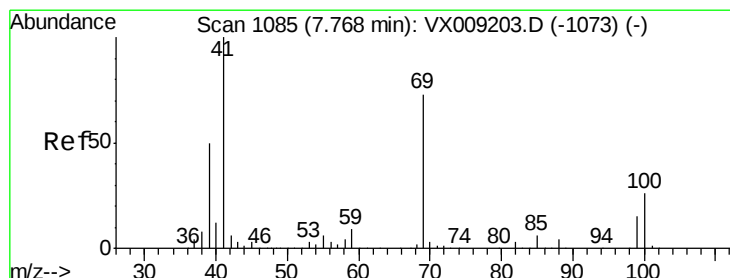
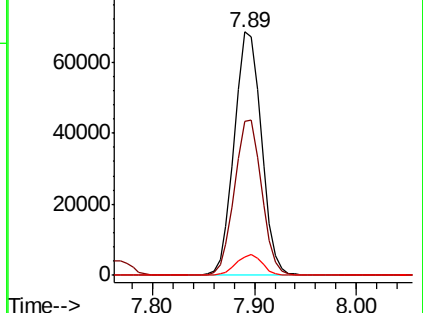
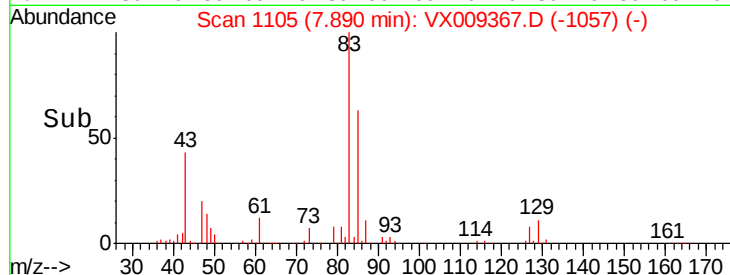
127 7.5 6.6 10.0



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: 47.195 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

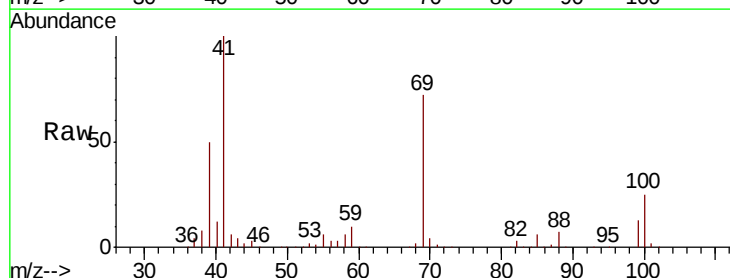
Tgt Ion: 41 Resp: 135816

Ion Ratio Lower Upper

41 100

69 74.2 59.1 88.7

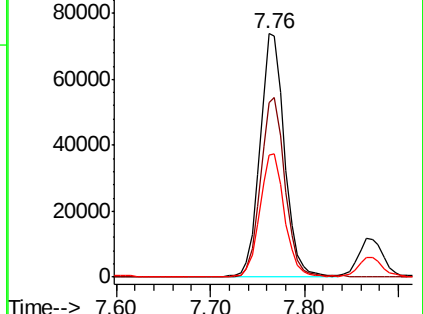
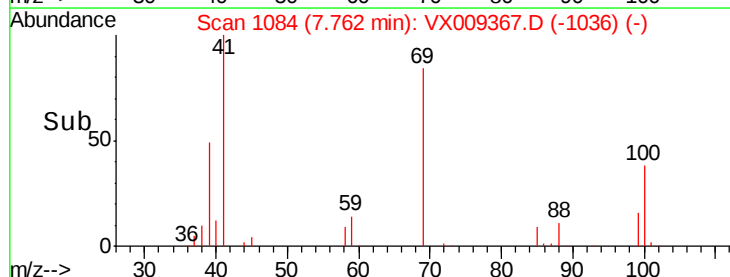
39 51.2 40.4 60.6

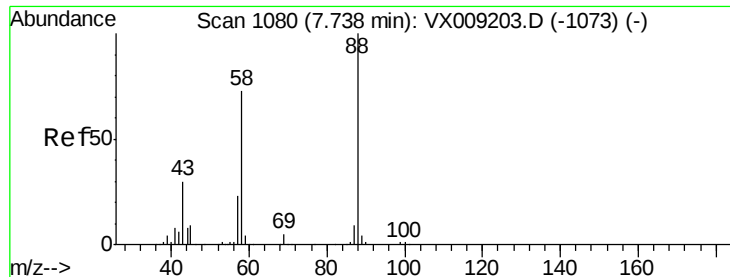


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 913.622 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

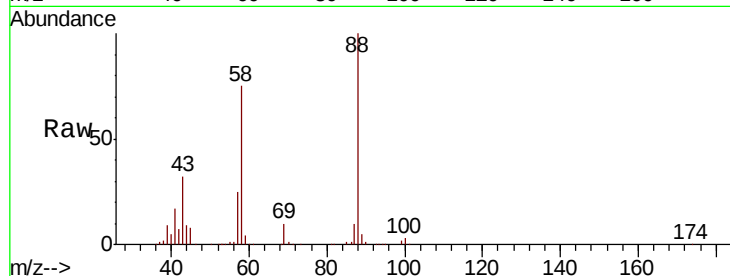
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 53320

Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.6	42.8
58	77.7	61.7	92.5

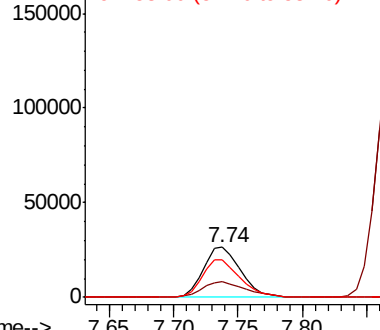


Abundance

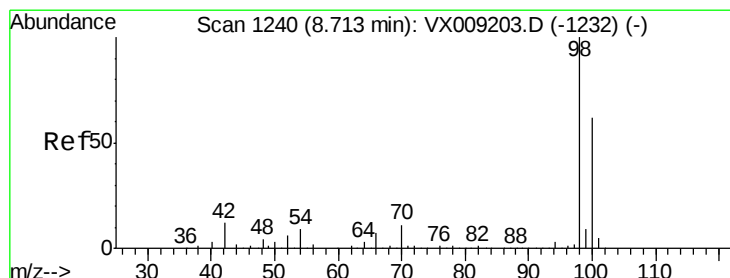
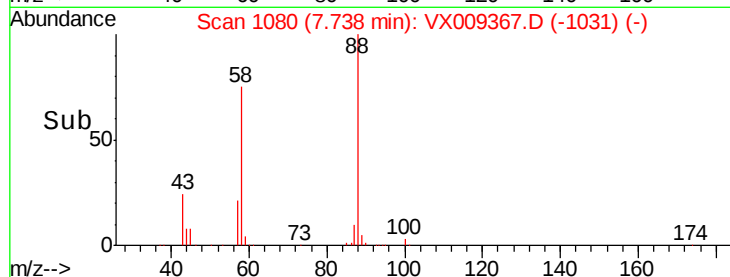
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 53.743 ug/l

RT: 8.71 min Scan# 1240

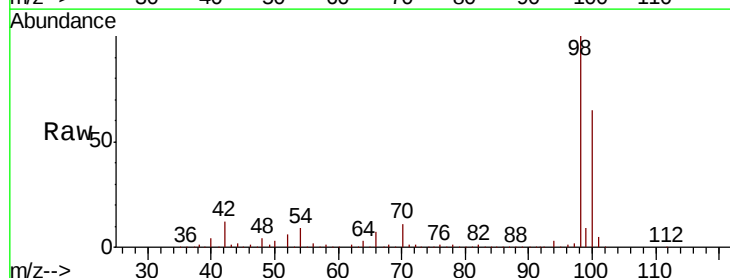
Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Tgt Ion: 98 Resp: 382011

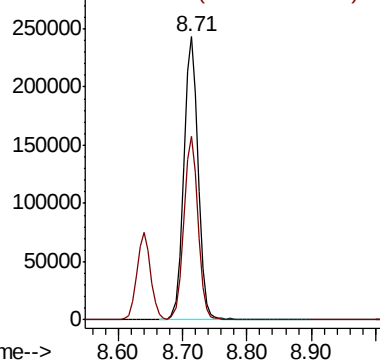
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8



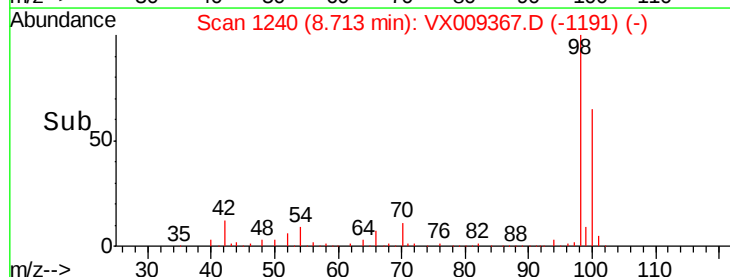
Abundance

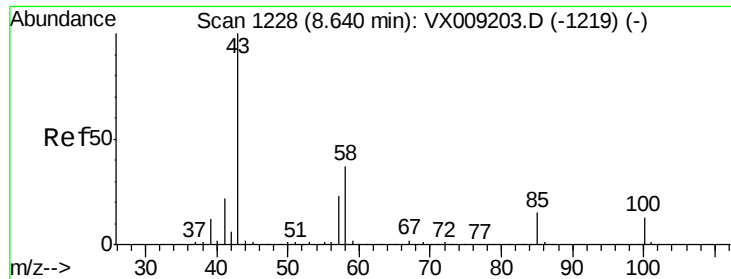
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->

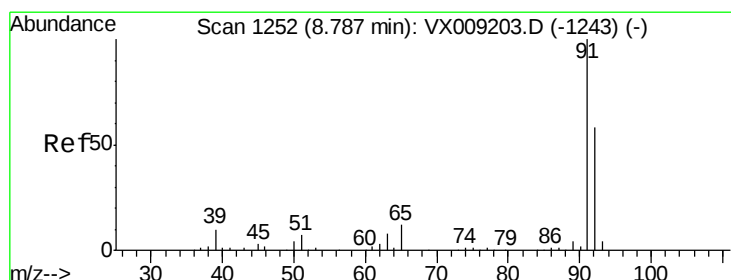
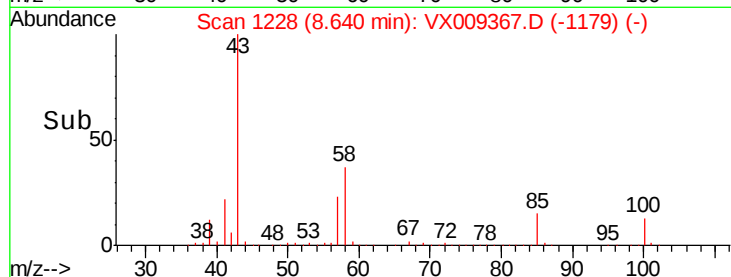
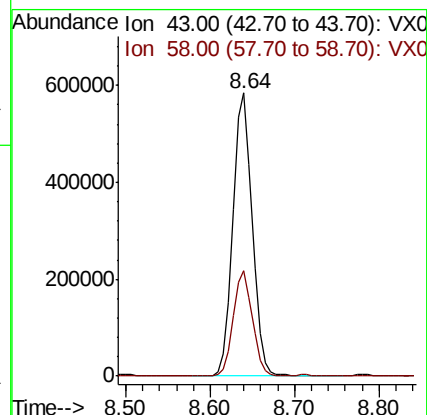
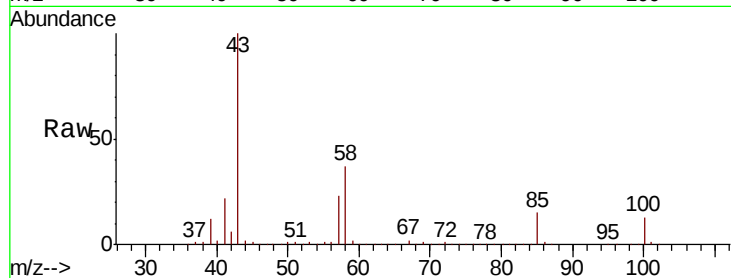




#51
4-Methyl-2-Pentanone
Concen: 239.180 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

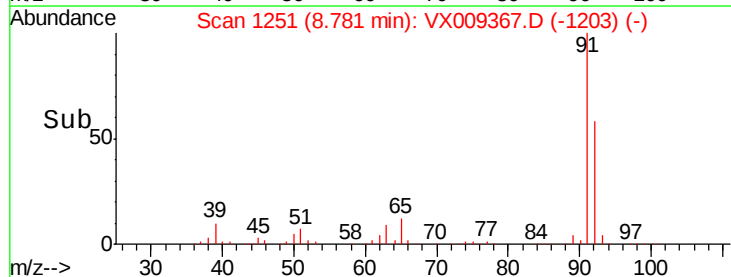
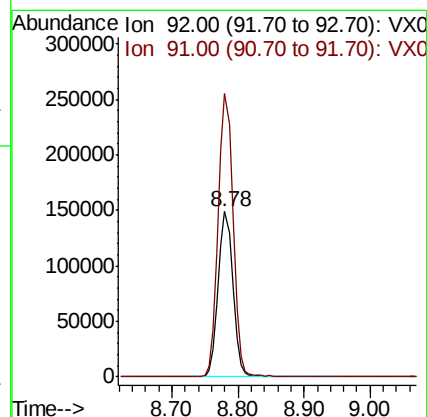
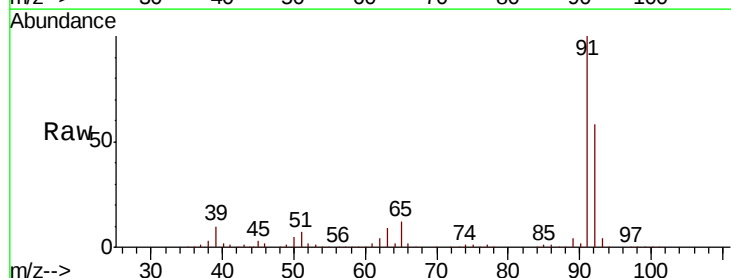
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

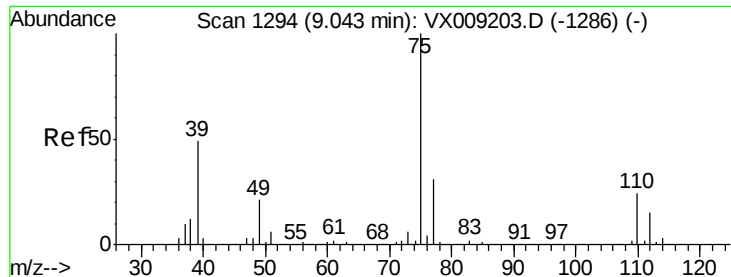
Tot Ion: 43 Resp: 906816
Ion Ratio Lower Upper
43 100
58 36.6 29.5 44.3



#52
Toluene
Concen: 46.991 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 92 Resp: 230085
Ion Ratio Lower Upper
92 100
91 173.0 138.8 208.2

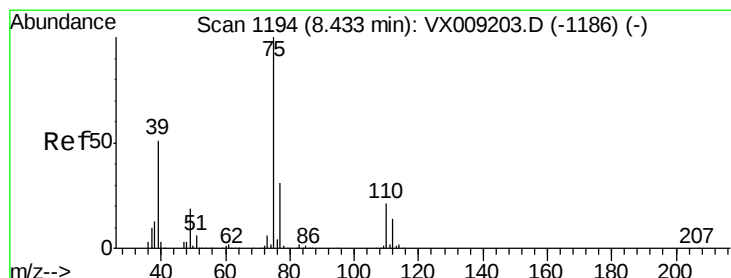
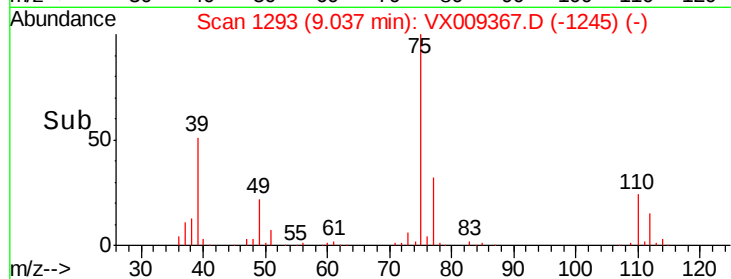
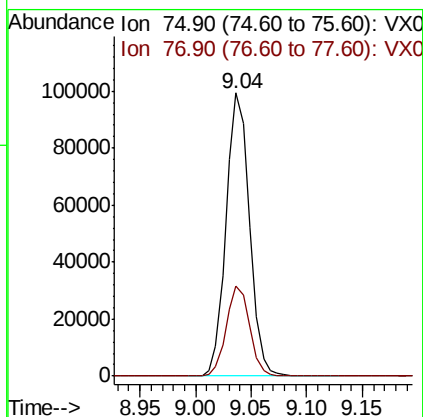
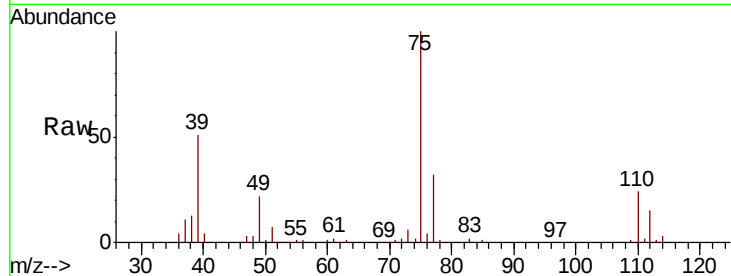




#53
 t-1,3-Dichloropropene
 Concen: 48.522 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

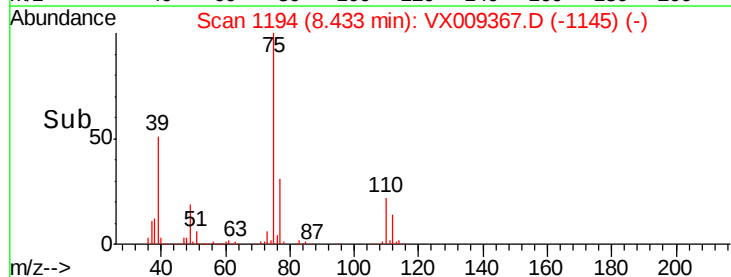
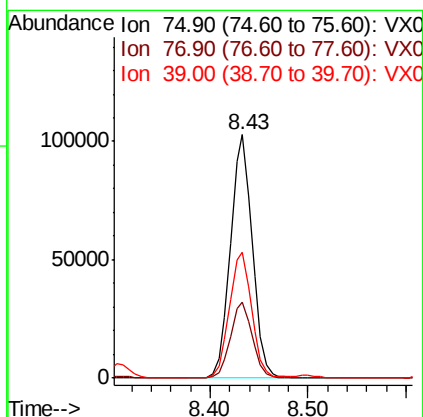
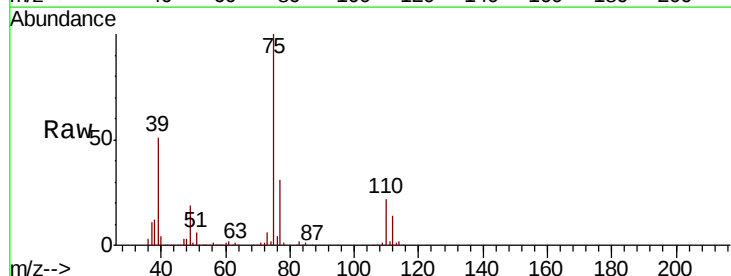
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

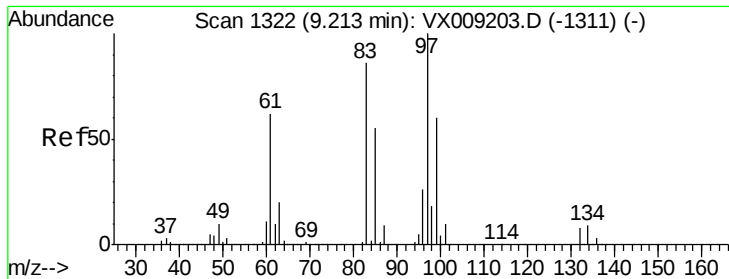
Tot Ion: 75 Resp: 144735
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.225 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion: 75 Resp: 159218
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 51.3 40.6 60.8

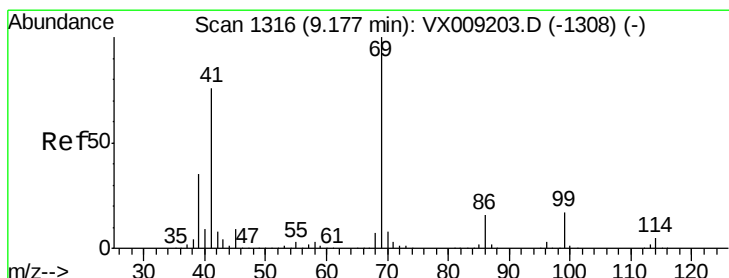
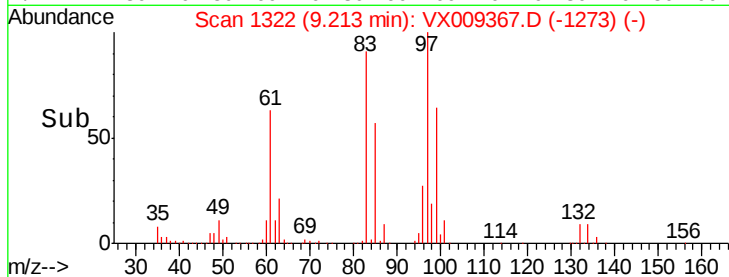
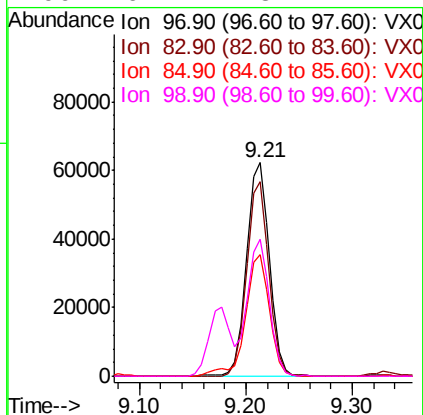
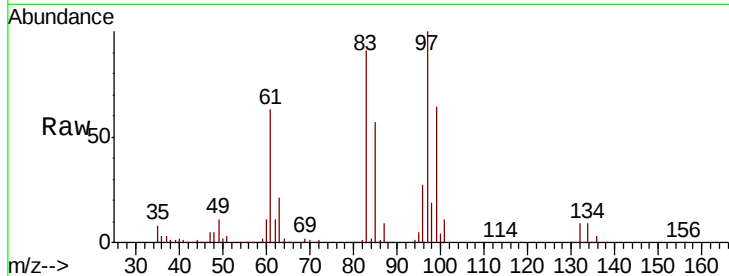




#55
 1,1,2-Trichloroethane
 Concen: 47.072 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

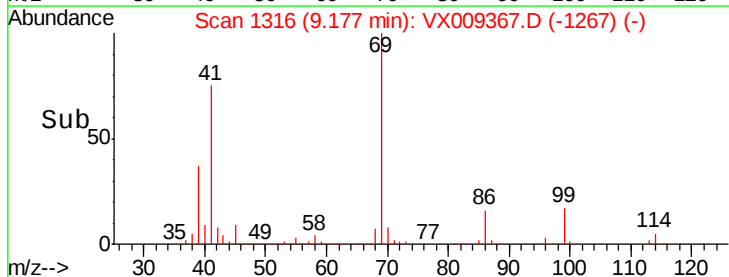
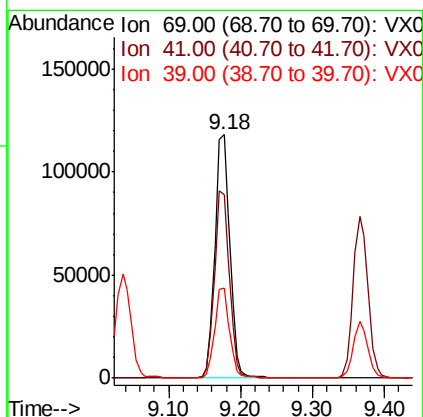
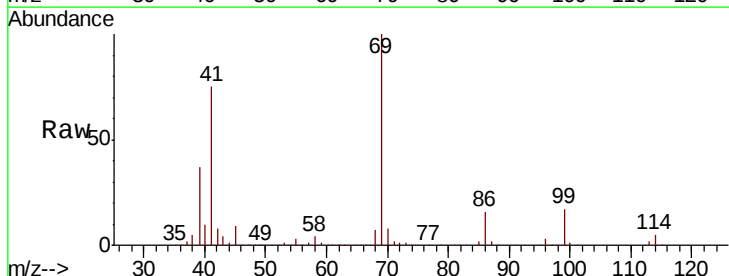
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

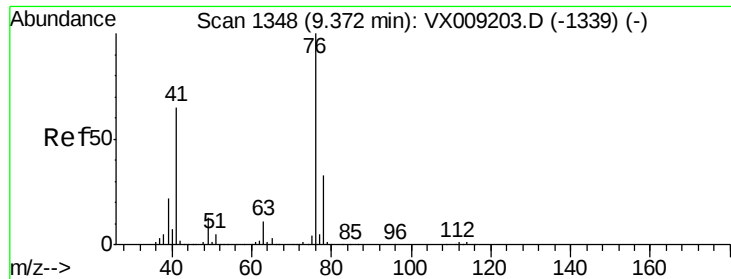
Tot Ion:	97	Resp:	94030
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.9	103.3
85	56.7	43.8	65.6
99	64.1	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 47.617 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion:	69	Resp:	169791
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.6	90.8
39	36.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 46.644 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

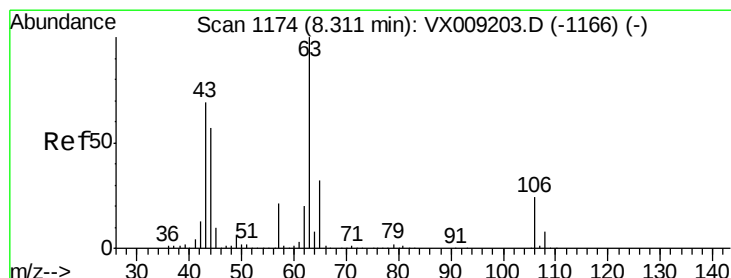
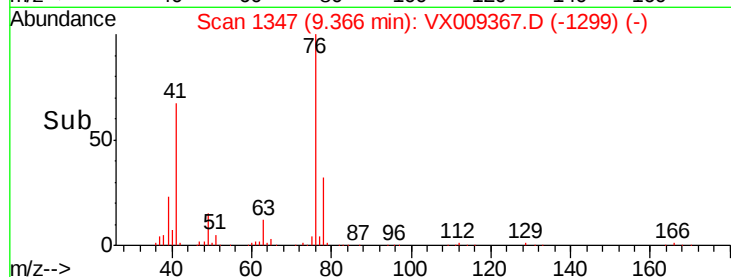
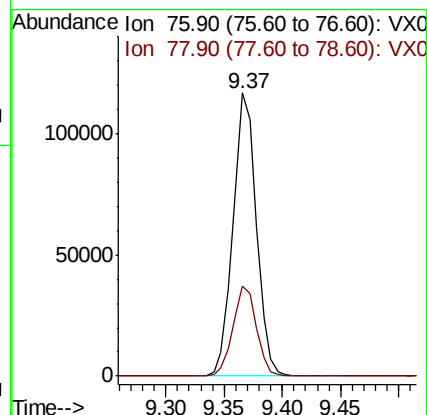
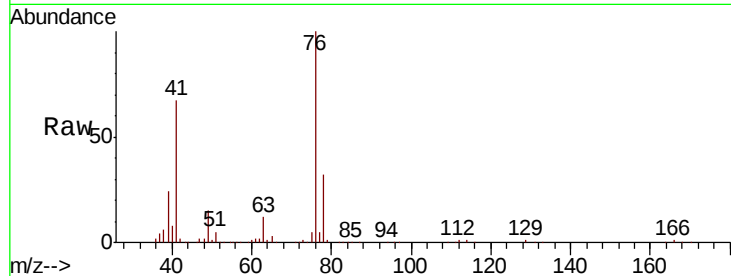
VSTDCCC050

Tot Ion: 76 Resp: 163965

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 241.072 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009367.D

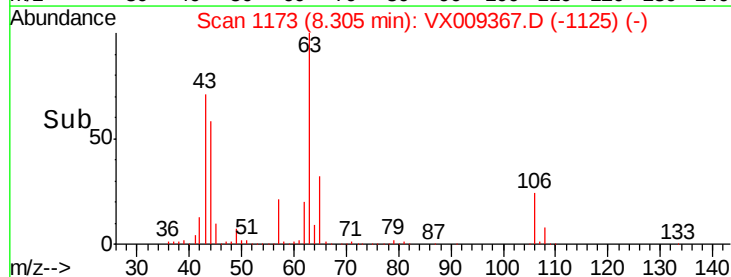
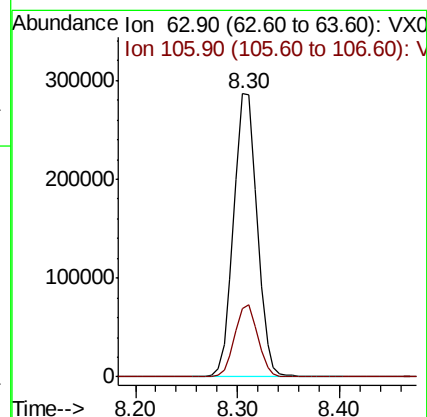
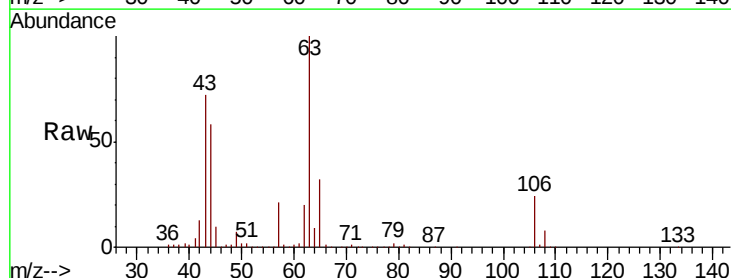
Acq: 07 May 2019 09:44

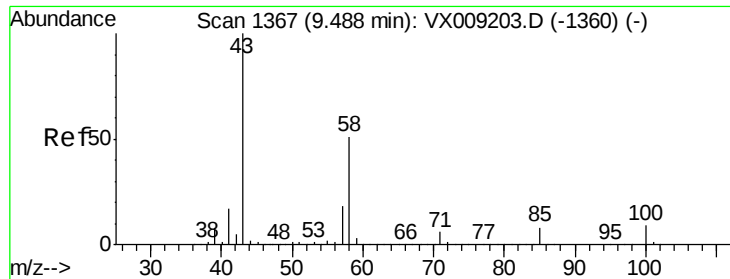
Tgt Ion: 63 Resp: 456023

Ion Ratio Lower Upper

63 100

106 24.9 19.7 29.5

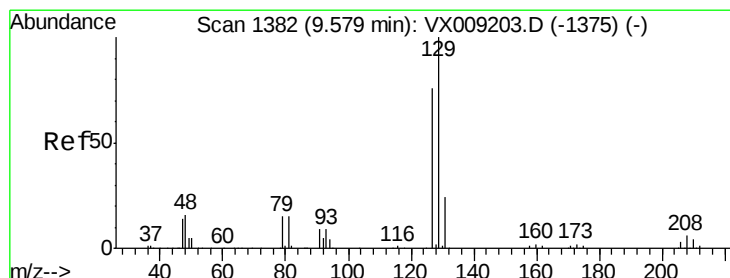
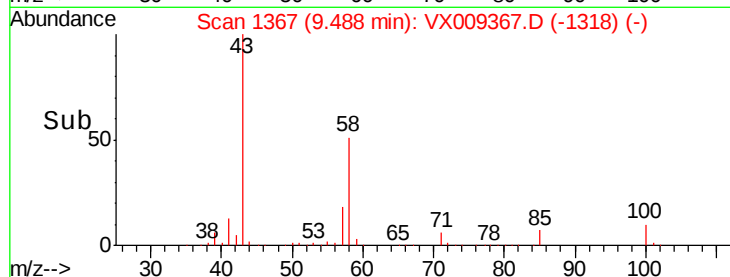
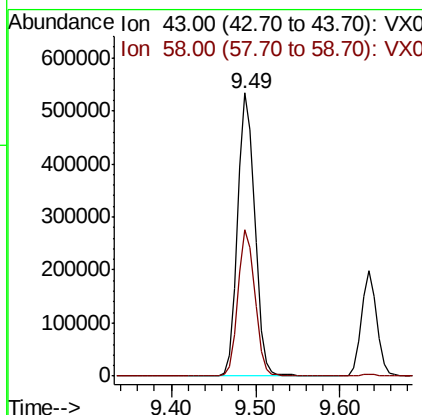
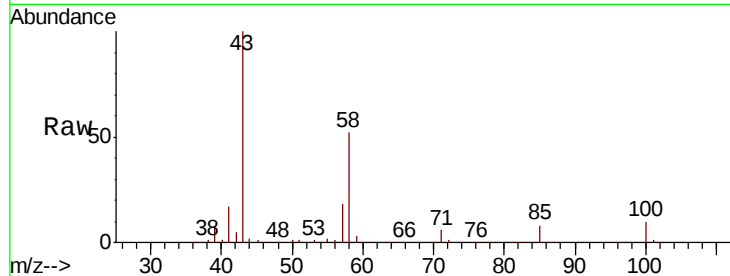




#59
 2-Hexanone
 Concen: 244.630 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

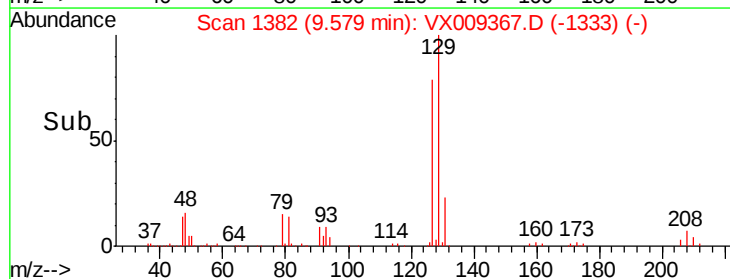
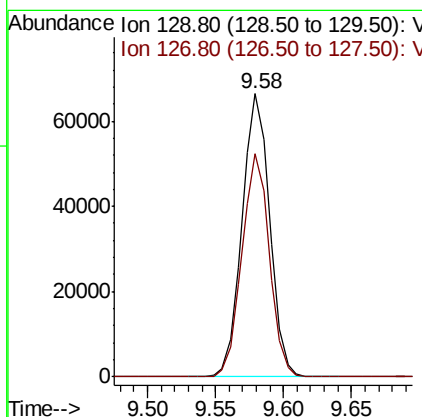
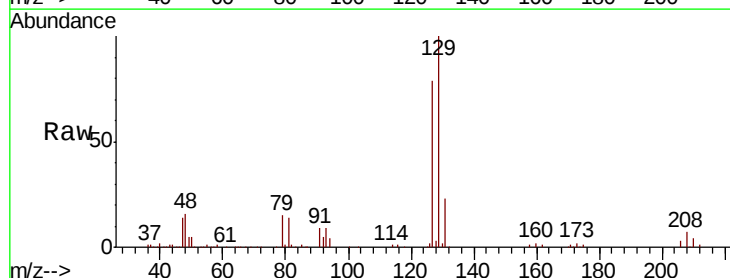
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

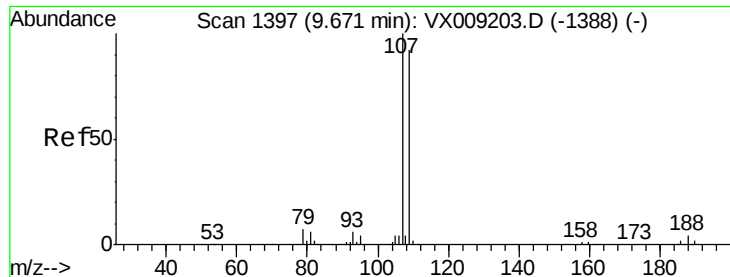
Tot Ion: 43 Resp: 728429
 Ion Ratio Lower Upper
 43 100
 58 51.2 25.9 77.7



#60
 Dibromochloromethane
 Concen: 48.341 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion: 129 Resp: 94314
 Ion Ratio Lower Upper
 129 100
 127 78.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 46.902 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

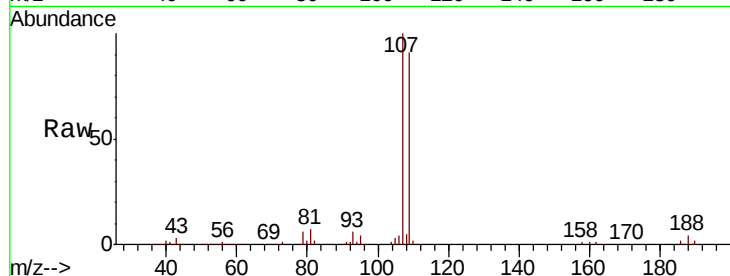
VSTDCCC050

Tot Ion:107 Resp: 94574

Ion Ratio Lower Upper

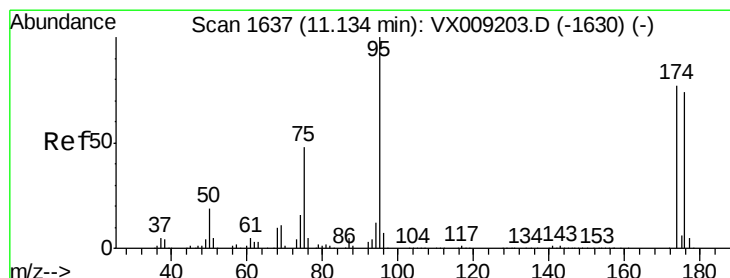
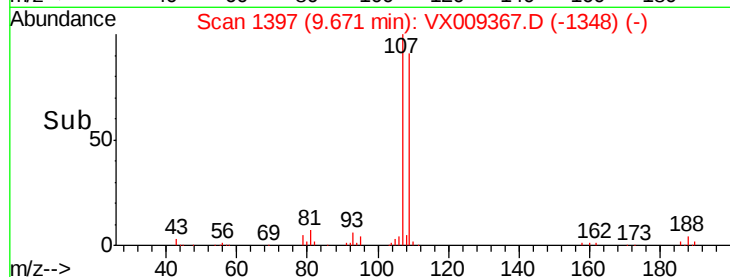
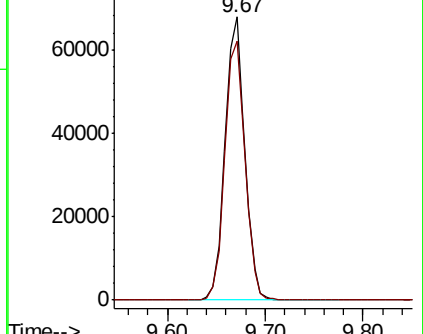
107 100

109 94.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.604 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

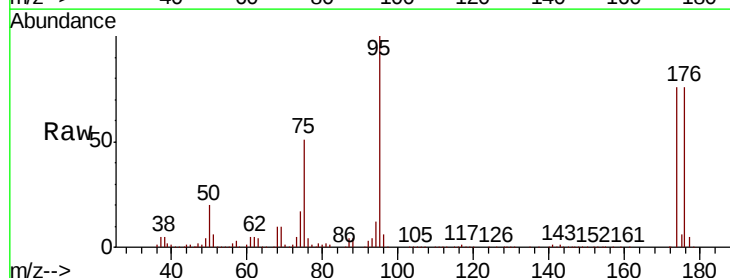
Tgt Ion: 95 Resp: 141032

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

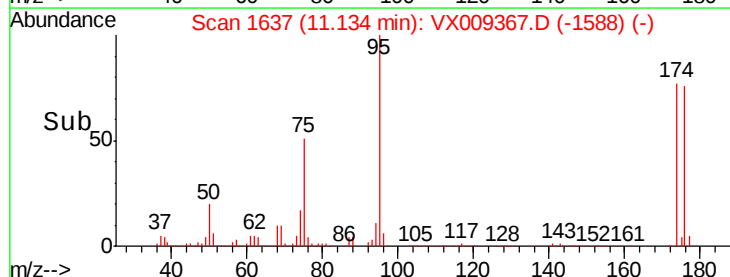
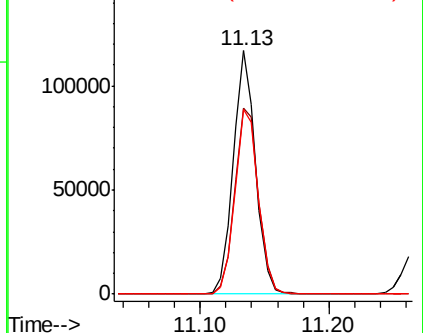
176 79.7 0.0 159.2

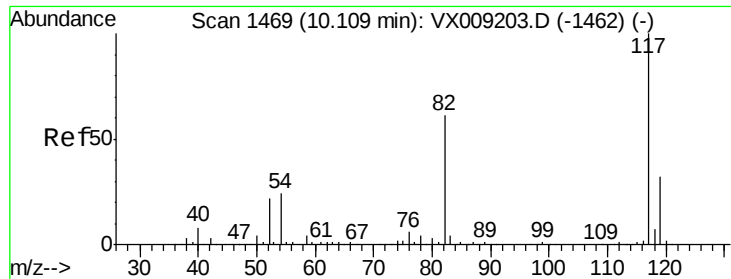


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

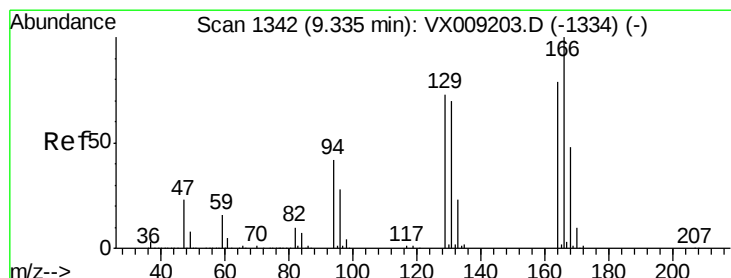
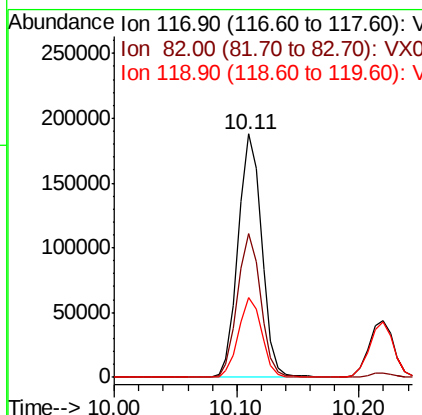
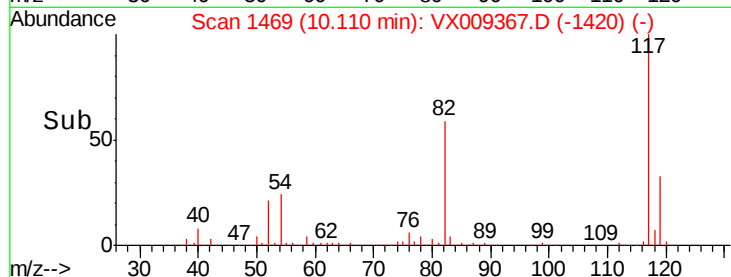
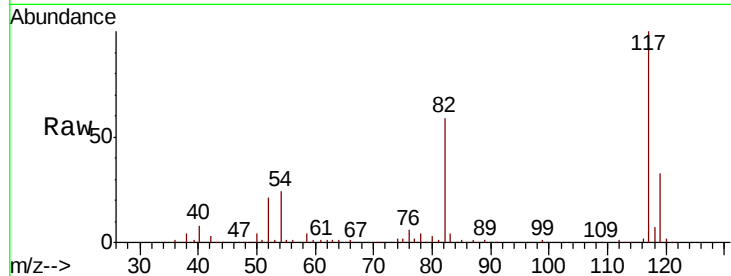




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

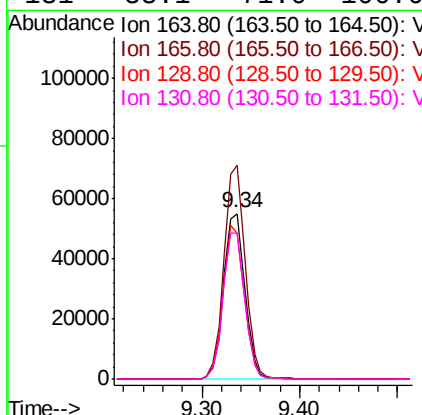
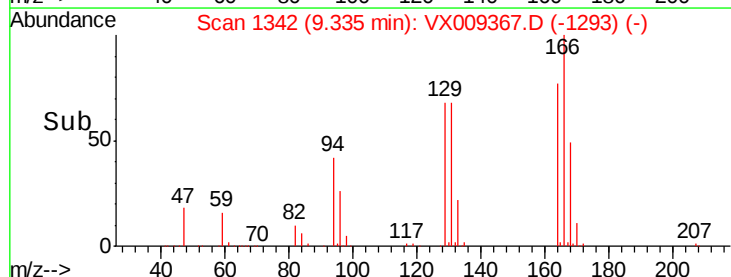
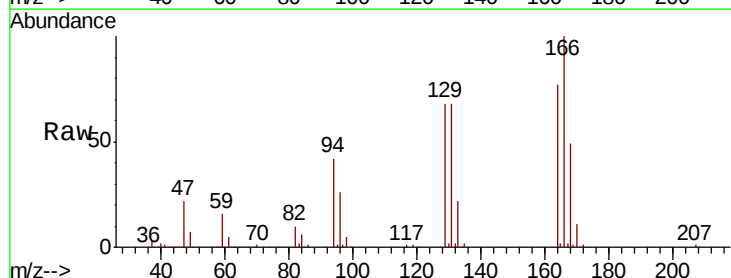
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

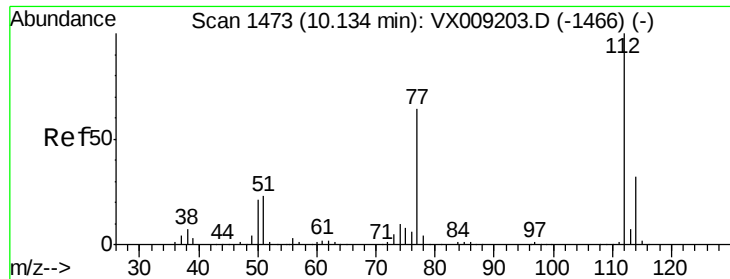
Tot Ion:117 Resp: 250197
Ion Ratio Lower Upper
117 100
82 58.9 48.8 73.2
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.711 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion:164 Resp: 83599
Ion Ratio Lower Upper
164 100
166 129.2 101.2 151.8
129 88.2 74.3 111.5
131 88.1 71.0 106.6

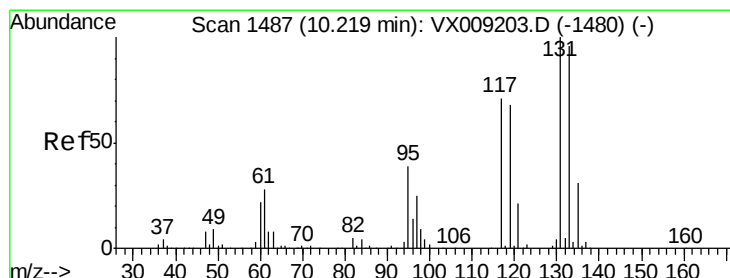
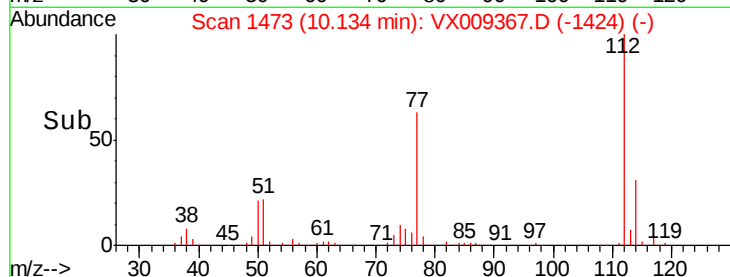
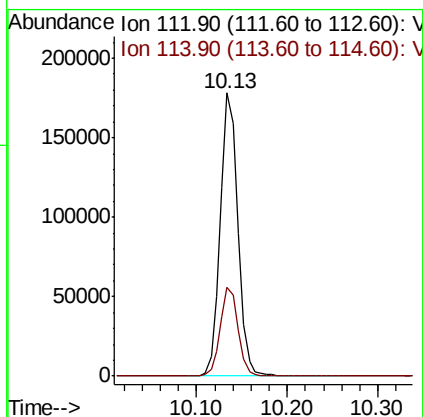
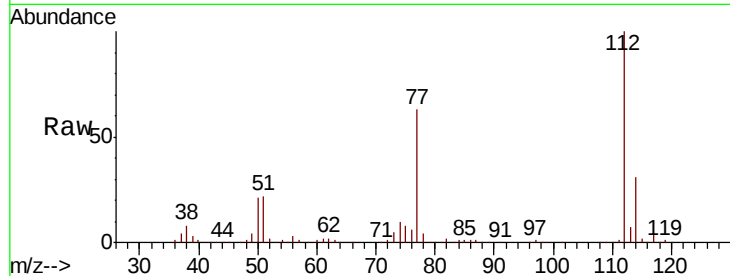




#65
Chlorobenzene
Concen: 48.224 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

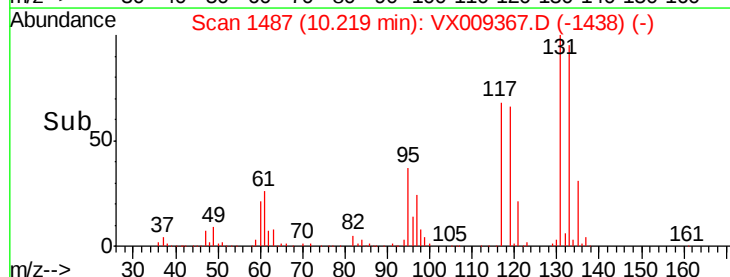
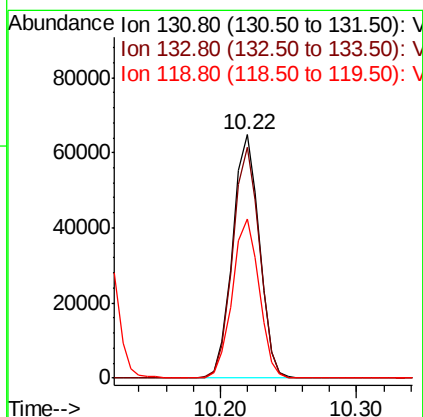
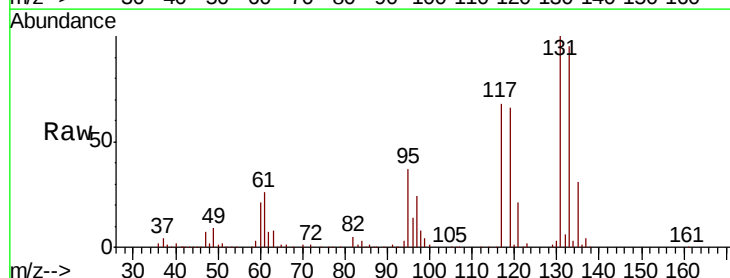
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

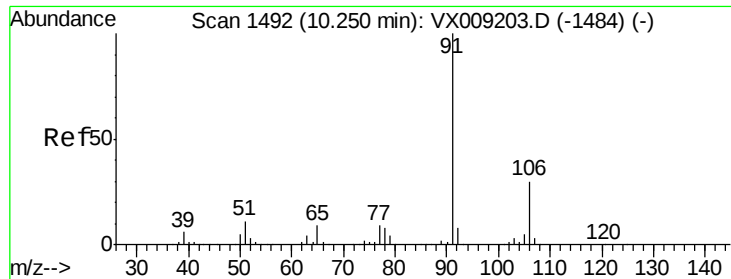
Tot Ion:112 Resp: 241365
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.912 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion:131 Resp: 88753
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 65.6 33.5 100.4

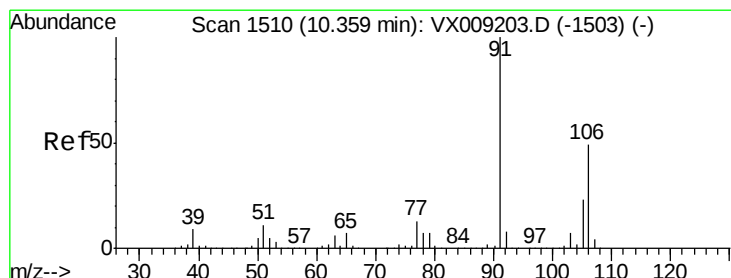
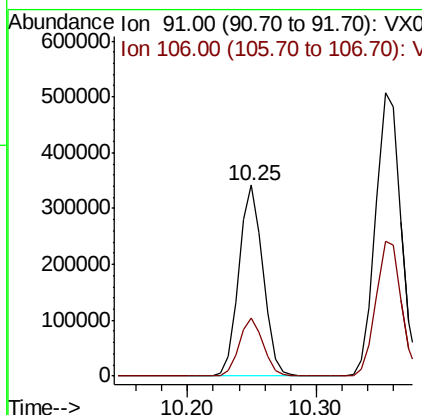
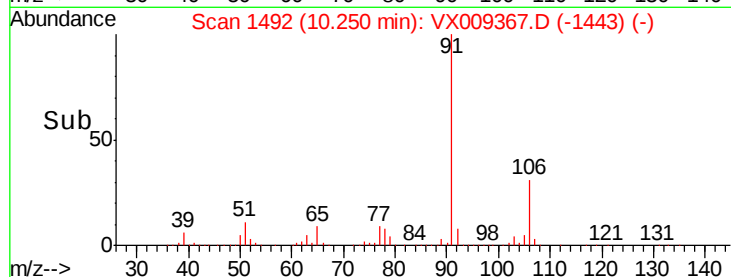
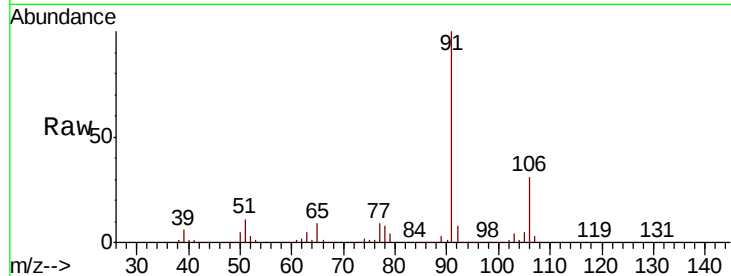




#67
Ethyl Benzene
Concen: 48.273 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

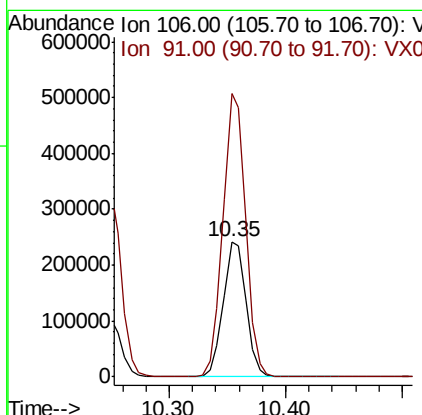
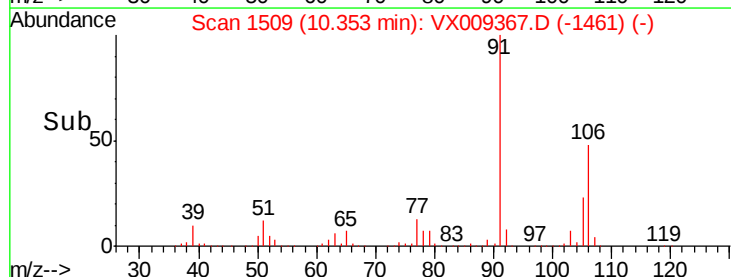
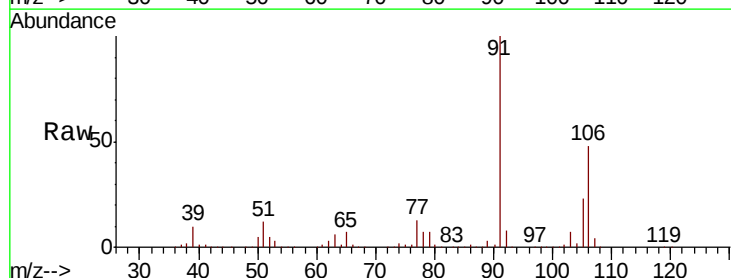
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

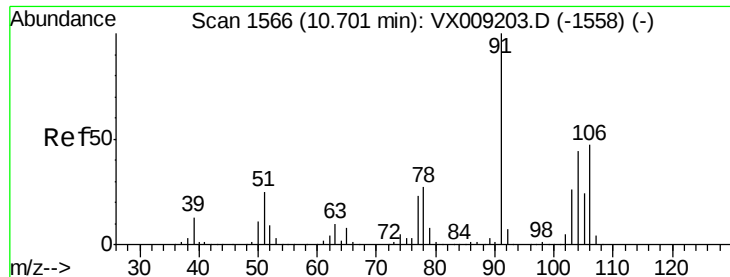
Tot Ion: 91 Resp: 444657
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



#68
m/p-Xylenes
Concen: 97.306 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 106 Resp: 327539
Ion Ratio Lower Upper
106 100
91 208.9 164.0 246.0

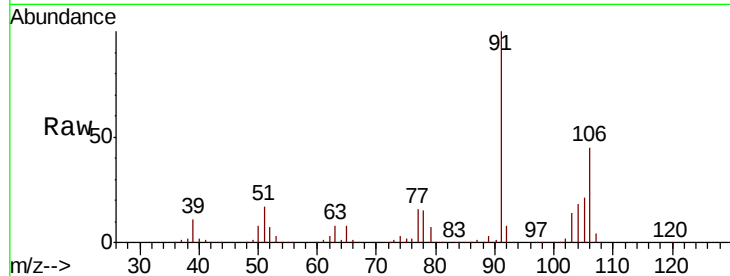




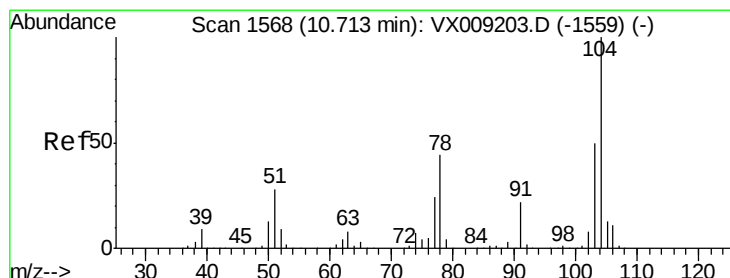
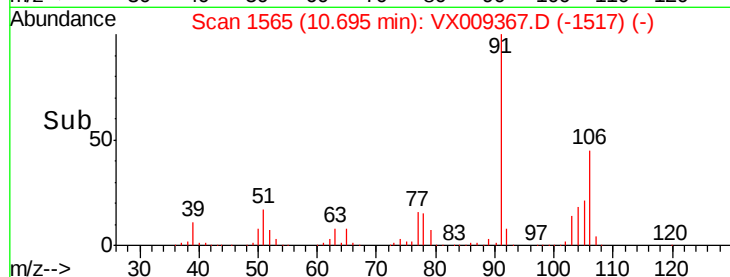
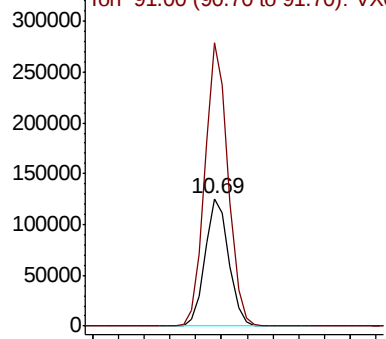
#69
o-Xylene
Concen: 48.237 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 160203
Ion Ratio Lower Upper
106 100
91 219.0 109.5 328.4

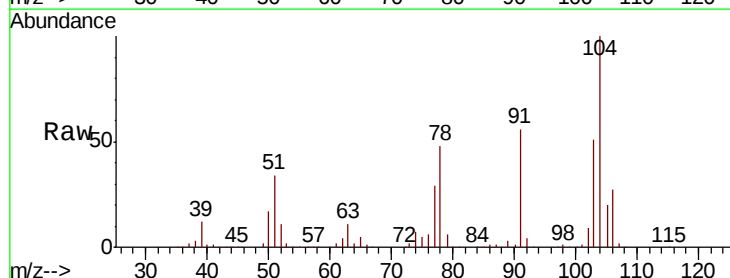


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

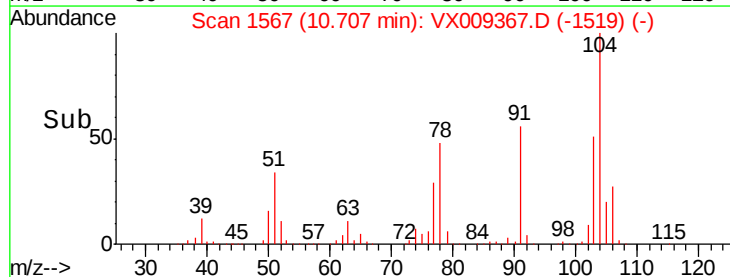
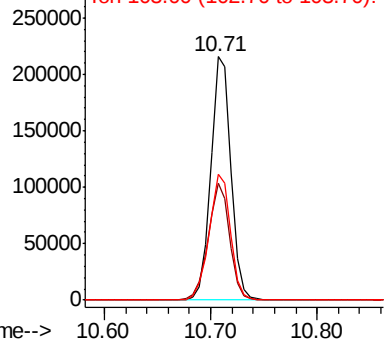


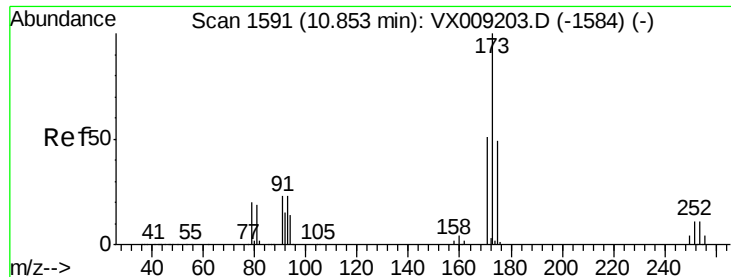
#70
Styrene
Concen: 49.444 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion:104 Resp: 285410
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.3 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.954 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

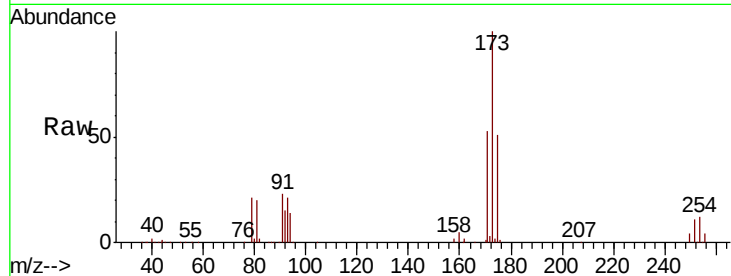
Tot Ion:173 Resp: 73661

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

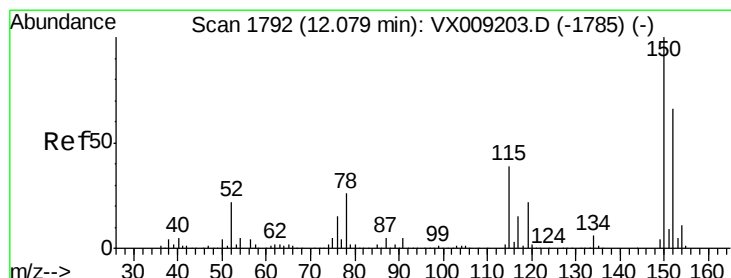
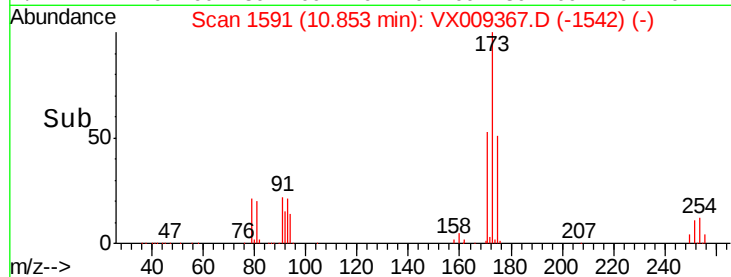
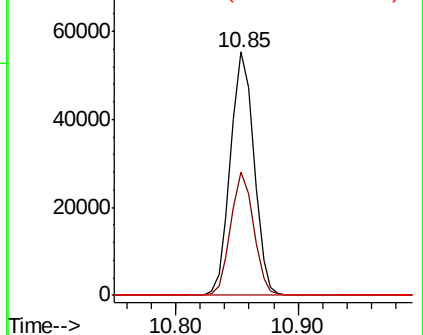
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

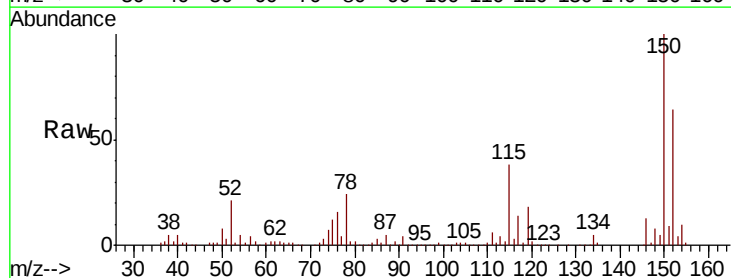
Tgt Ion:152 Resp: 129500

Ion Ratio Lower Upper

152 100

115 80.8 41.2 123.6

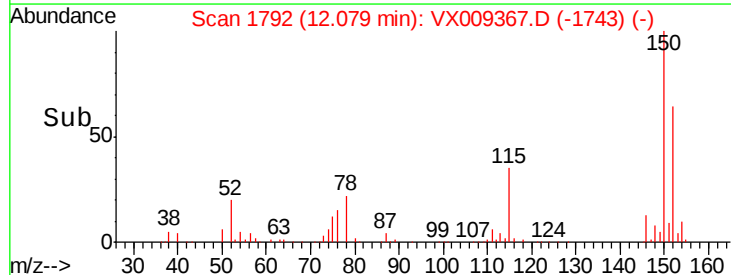
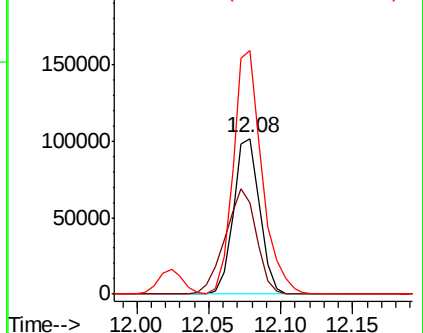
150 171.1 0.0 346.4

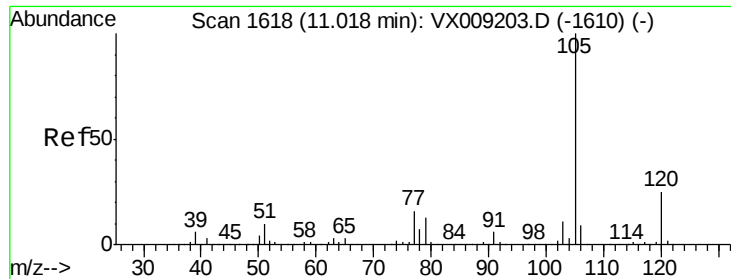


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.243 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

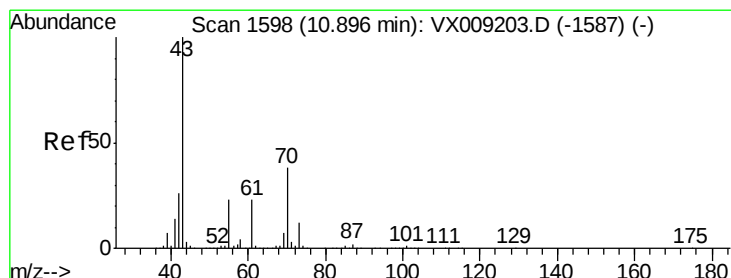
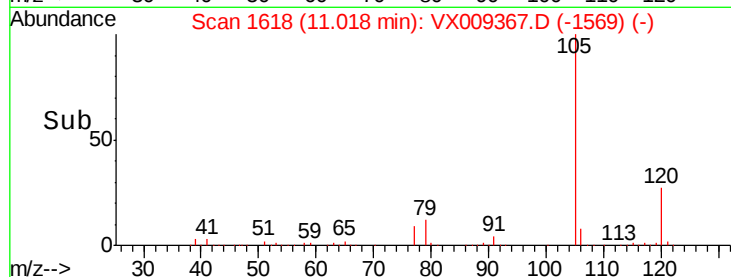
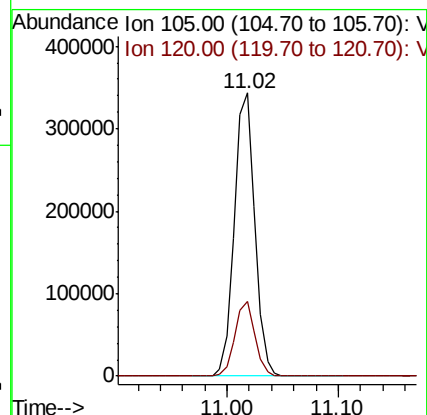
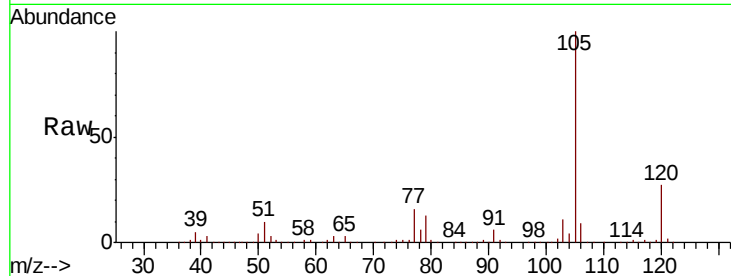
VSTDCCC050

Tot Ion:105 Resp: 435473

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



#74

N-ethyl acetate

Concen: 46.266 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Tgt Ion: 43 Resp: 254012

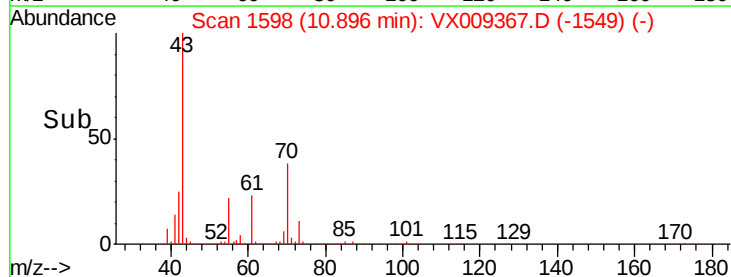
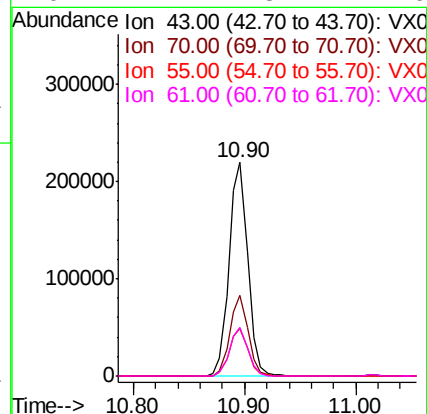
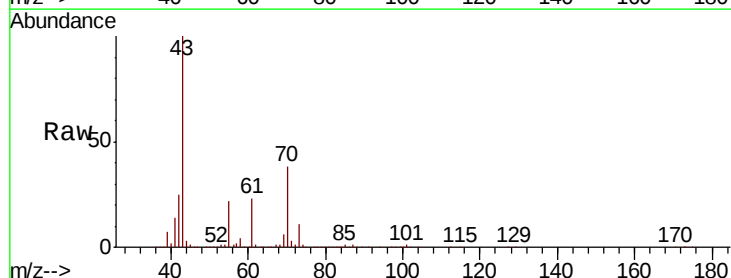
Ion Ratio Lower Upper

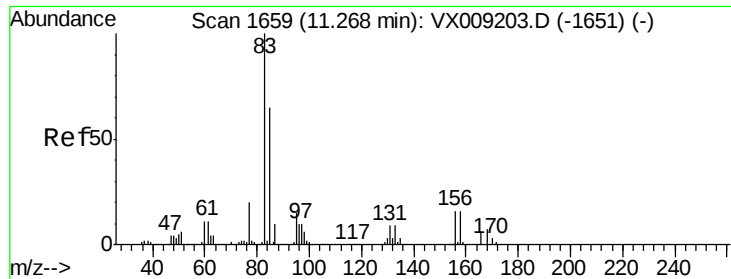
43 100

70 37.1 30.0 45.0

55 22.4 17.9 26.9

61 22.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.368 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

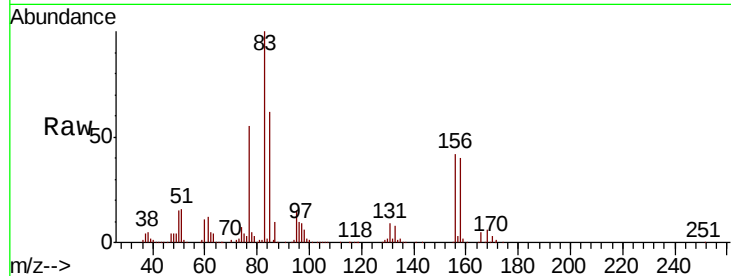
Tot Ion: 83 Resp: 159268

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

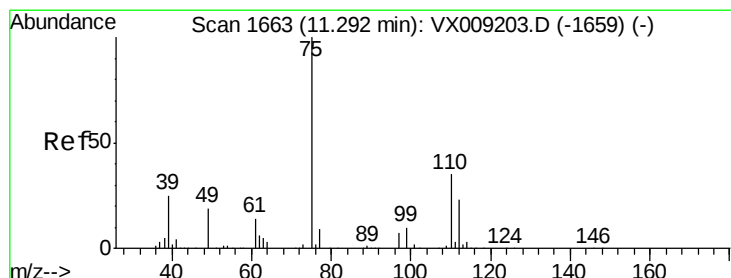
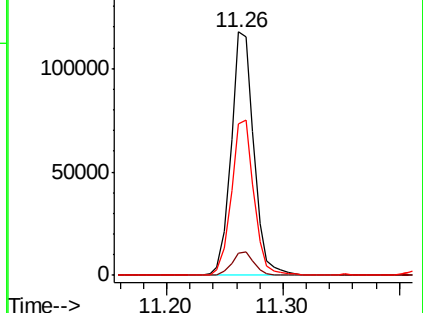
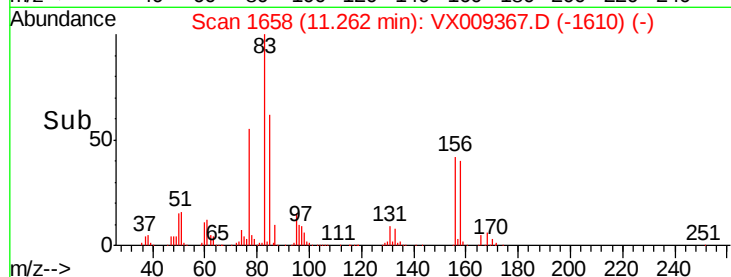
85 63.5 32.0 96.2



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: 62.459 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009367.D

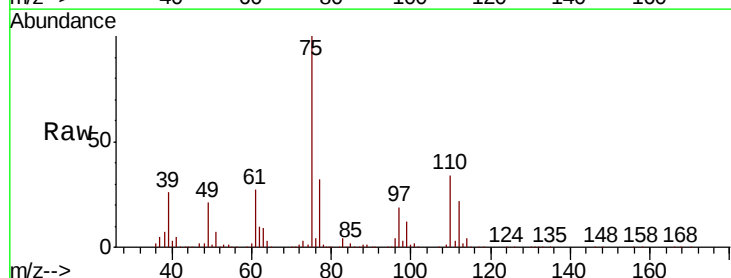
Acq: 07 May 2019 09:44

Tgt Ion: 75 Resp: 187623

Ion Ratio Lower Upper

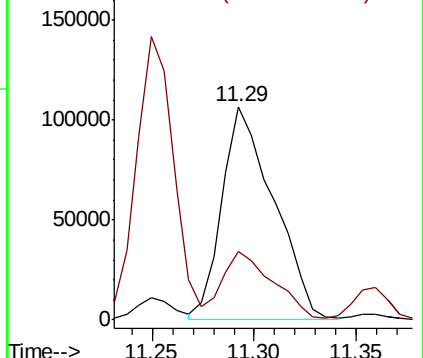
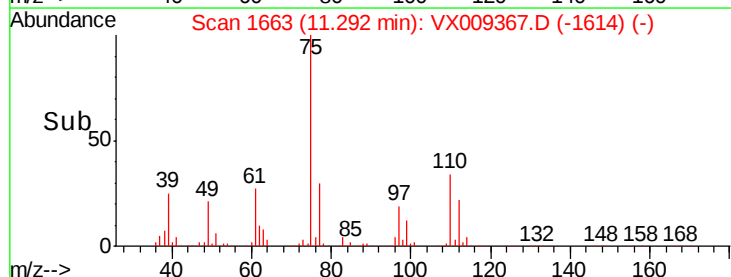
75 100

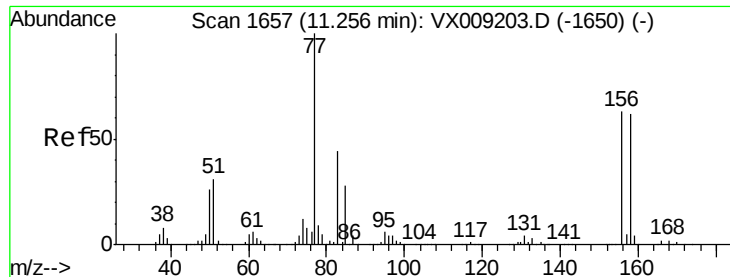
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.026 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

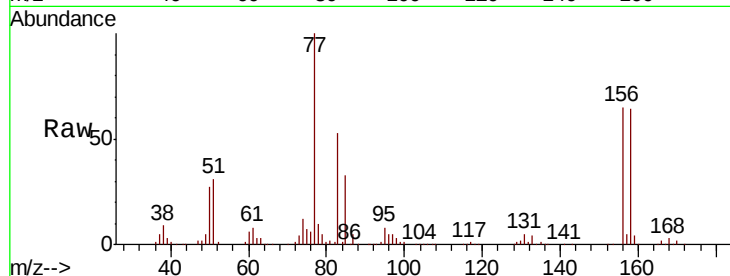
Tot Ion:156 Resp: 107579

Ion Ratio Lower Upper

156 100

77 168.0 84.8 254.3

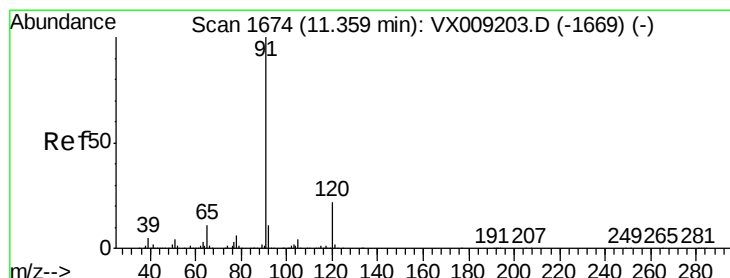
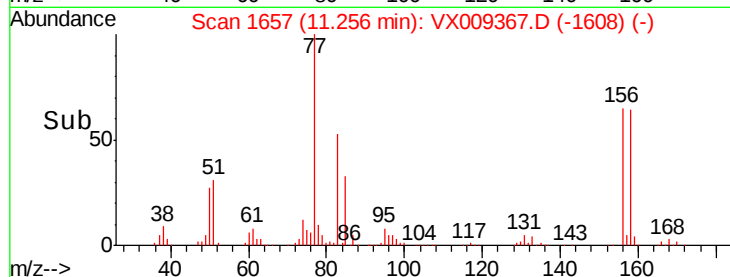
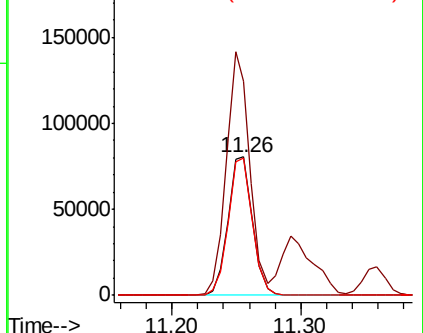
158 97.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.299 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009367.D

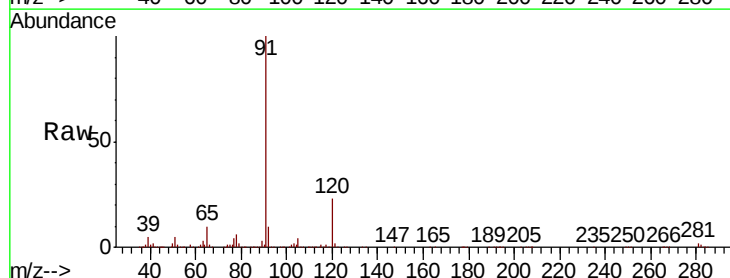
Acq: 07 May 2019 09:44

Tgt Ion: 91 Resp: 508687

Ion Ratio Lower Upper

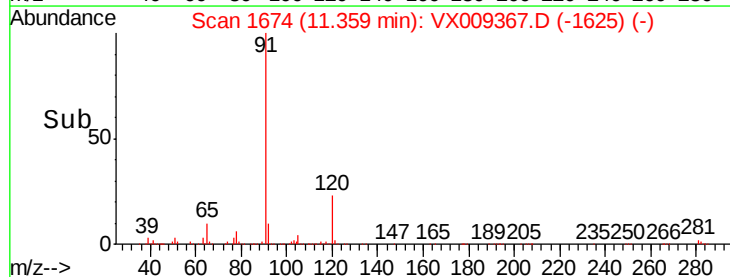
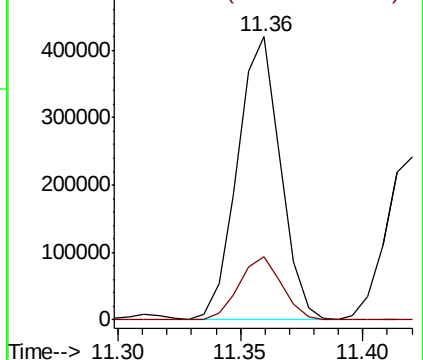
91 100

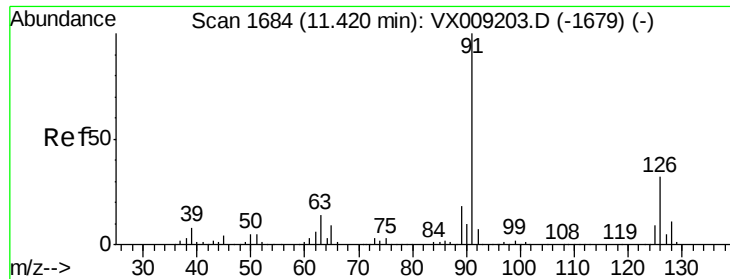
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

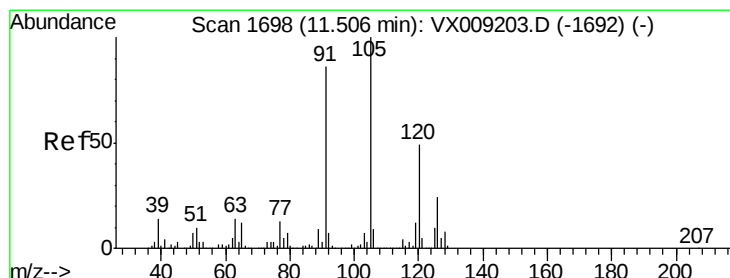
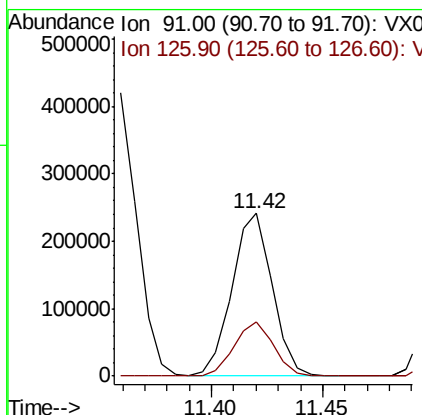
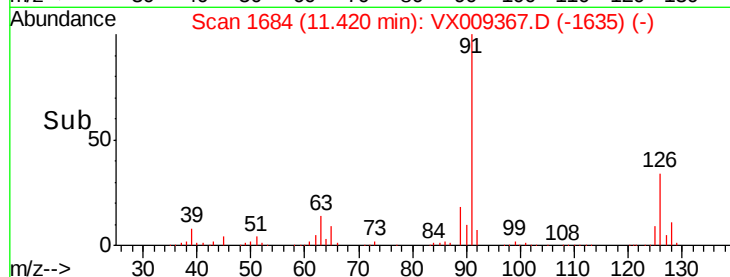
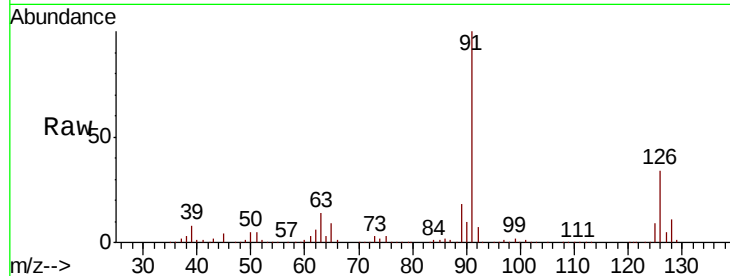




#79
 2-Chlorotoluene
 Concen: 45.483 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

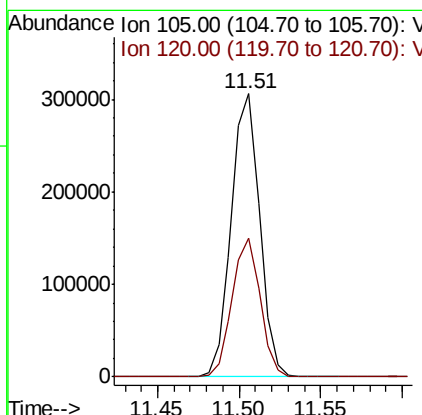
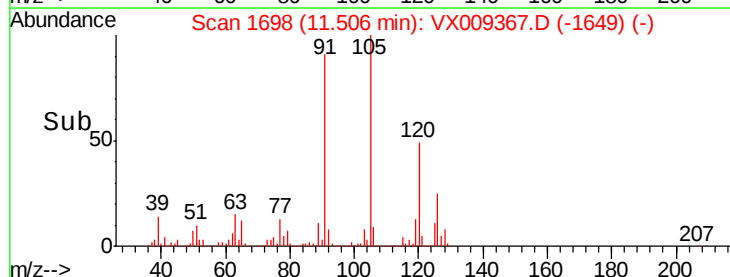
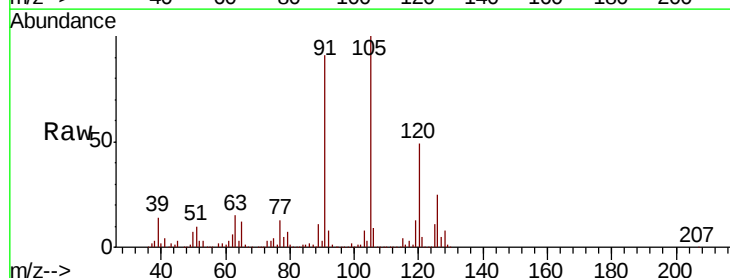
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

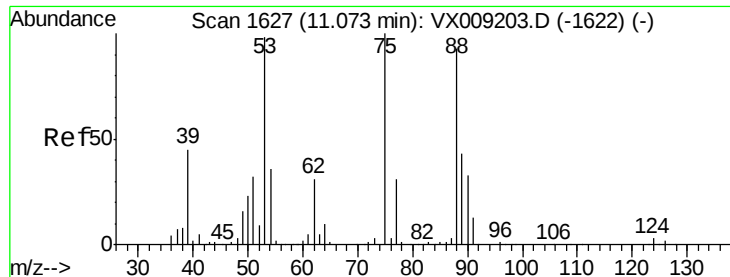
Tot Ion: 91 Resp: 301787
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 46.843 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion: 105 Resp: 371429
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.362 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

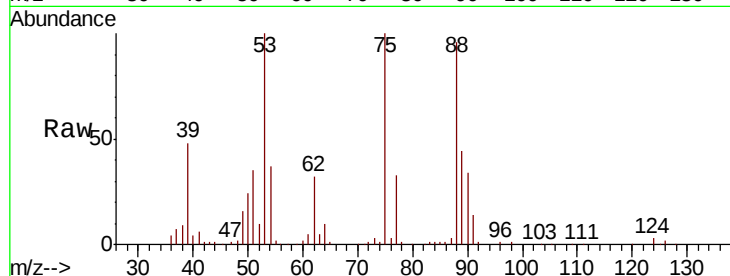
Tot Ion: 75 Resp: 54431

Ion Ratio Lower Upper

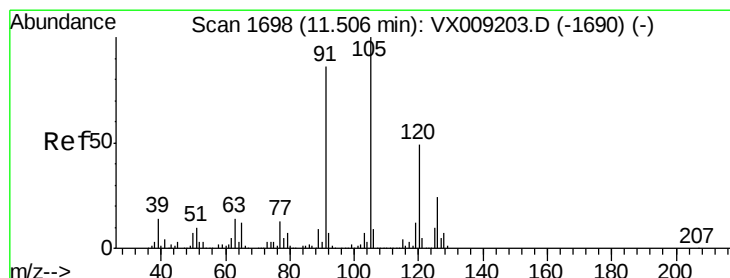
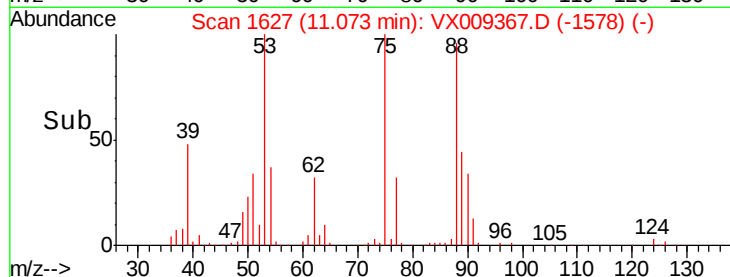
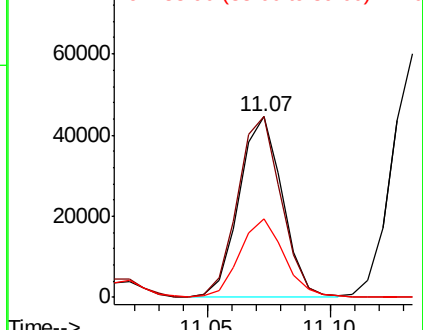
75 100

53 101.1 79.0 118.6

89 45.4 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.749 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009367.D

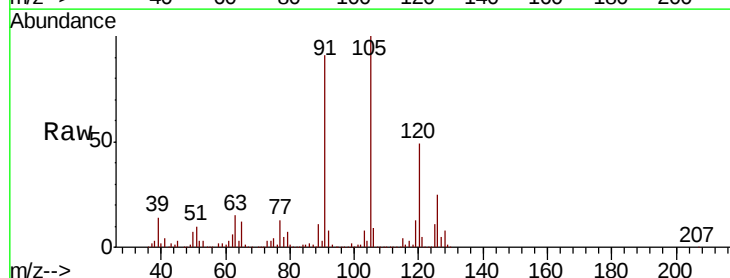
Acq: 07 May 2019 09:44

Tgt Ion: 91 Resp: 350420

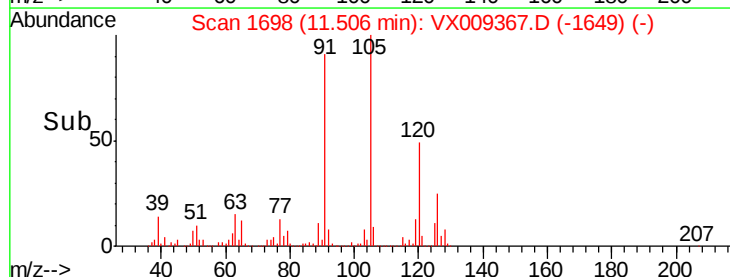
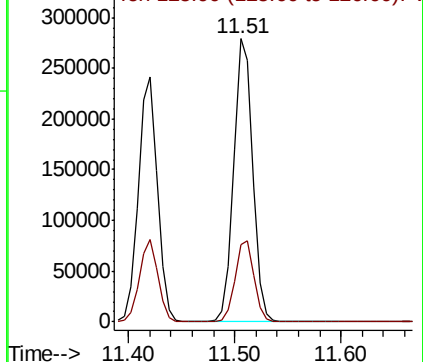
Ion Ratio Lower Upper

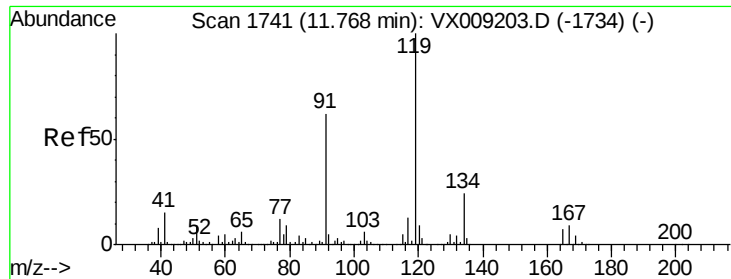
91 100

126 28.7 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

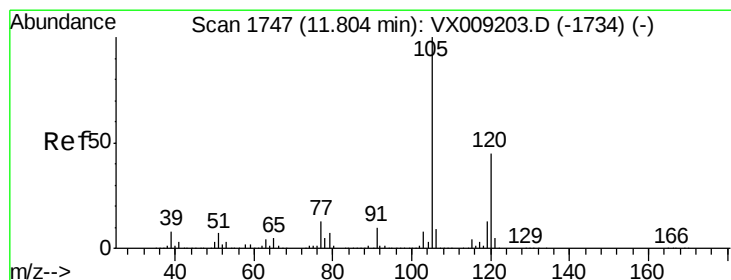
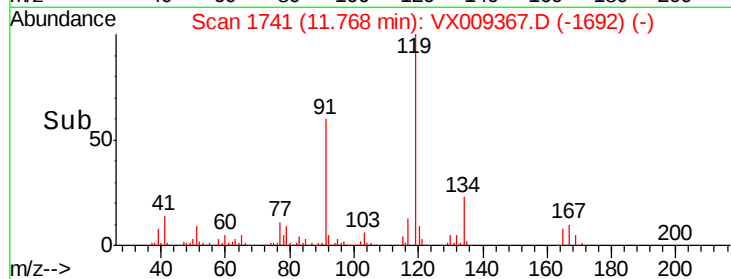
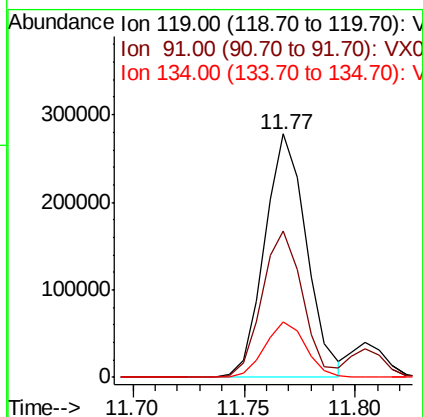
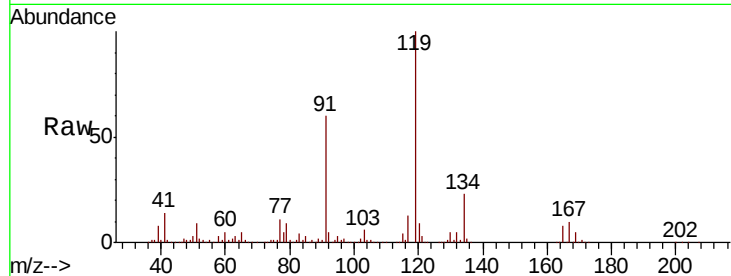




#83
 tert-Butylbenzene
 Concen: 46.950 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

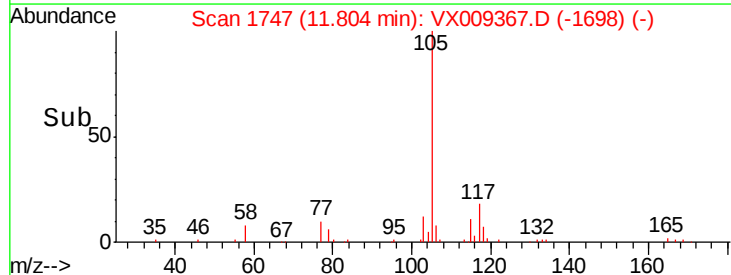
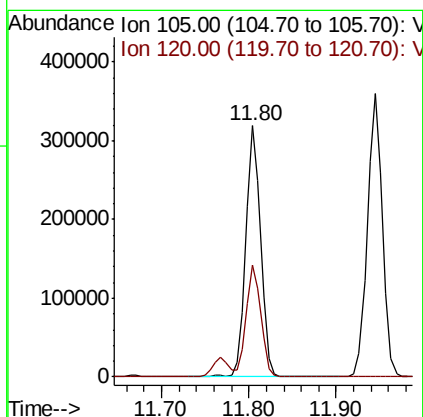
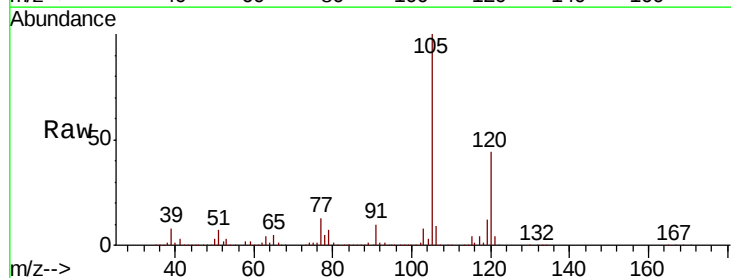
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

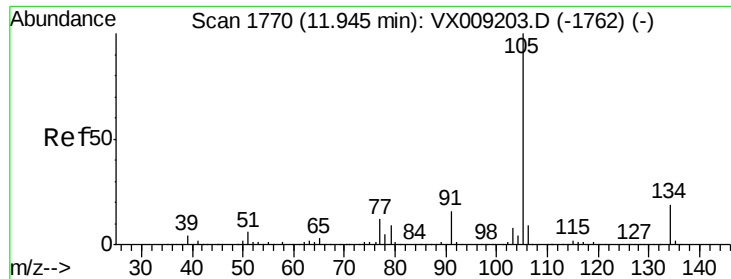
Tot Ion:119 Resp: 362152
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.5 88.5
 134 22.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.170 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion:105 Resp: 375425
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.415 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

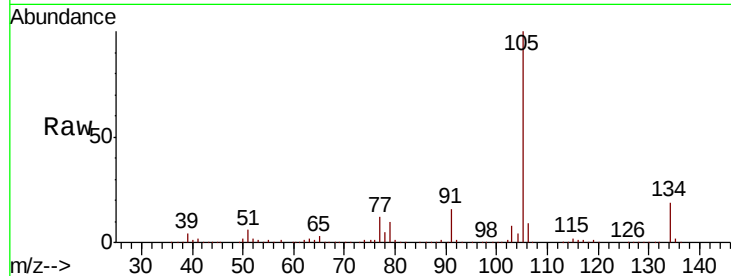
VSTDCCC050

Tot Ion:105 Resp: 433605

Ion Ratio Lower Upper

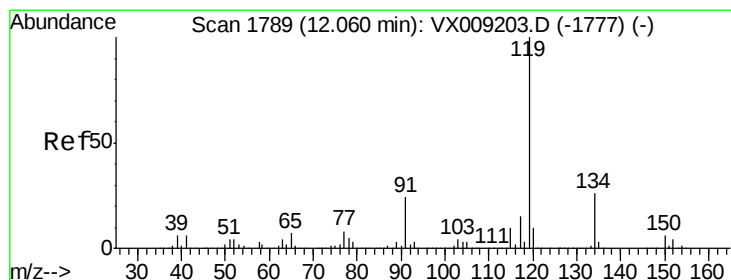
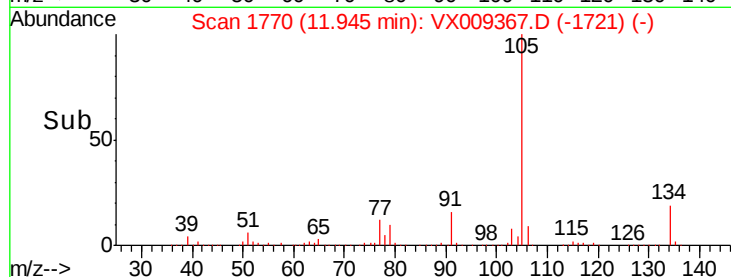
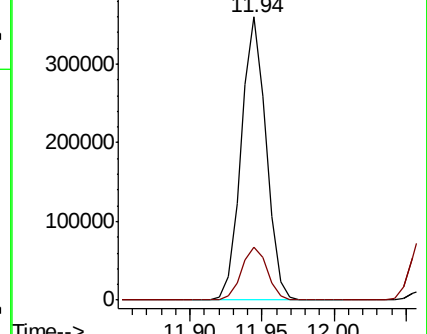
105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.538 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

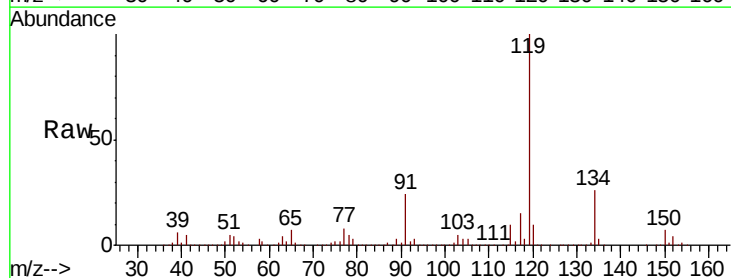
Tgt Ion:119 Resp: 399045

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

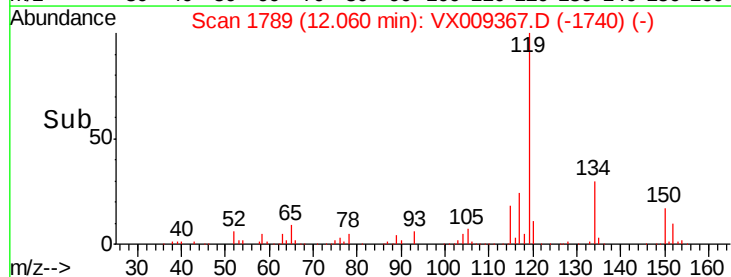
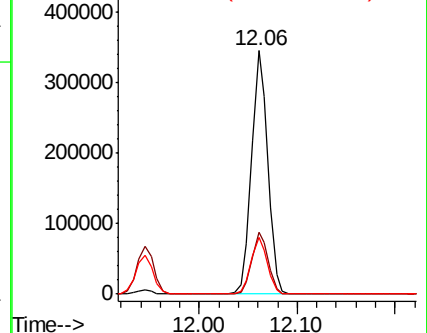
91 23.6 11.8 35.4

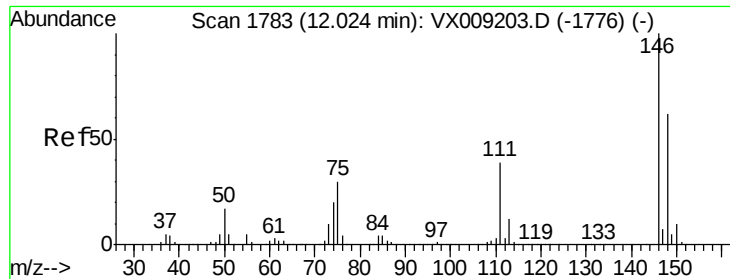


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

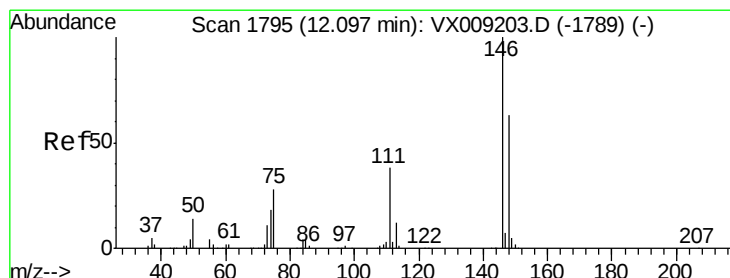
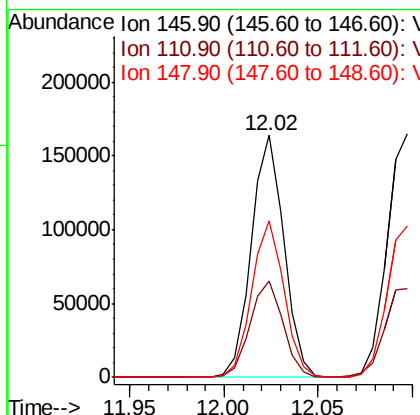
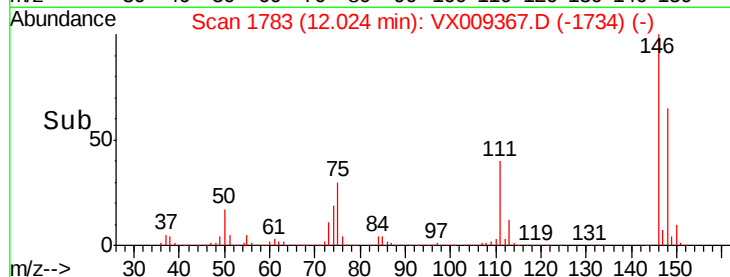
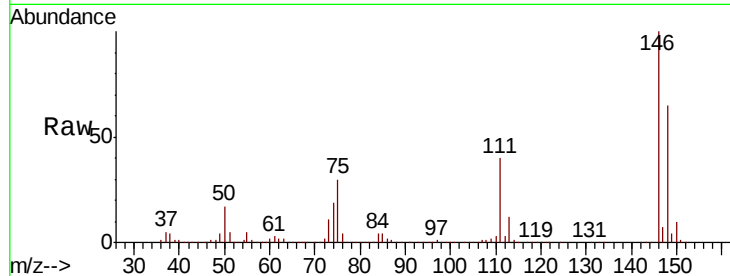




#87
 1,3-Dichlorobenzene
 Concen: 47.200 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

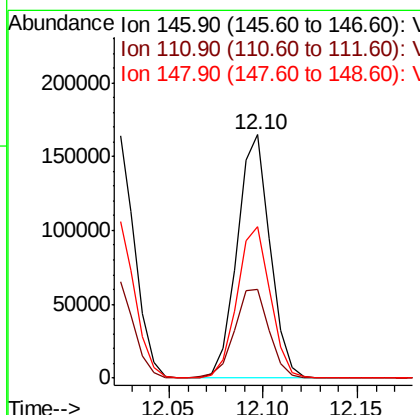
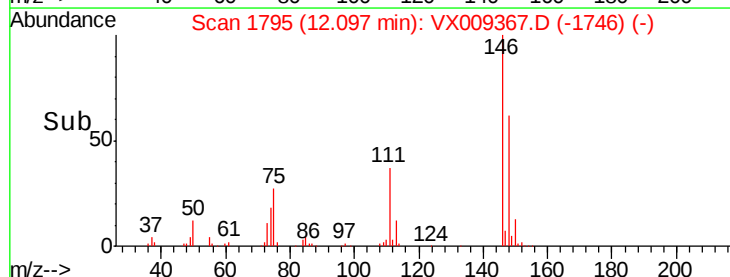
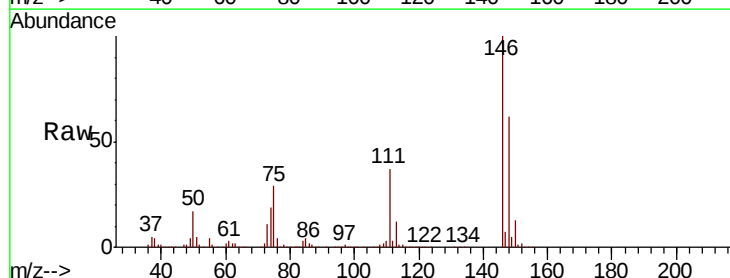
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

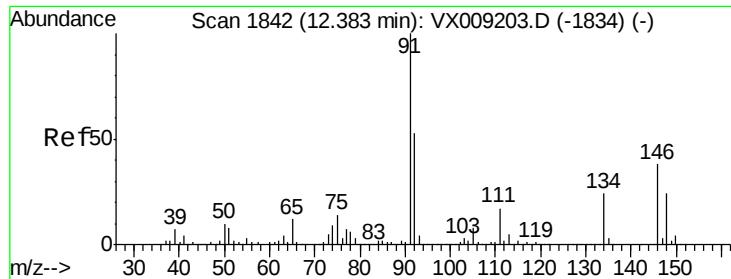
Tot Ion:146 Resp: 196672
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.436 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion:146 Resp: 199273
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.6 58.8
 148 63.3 31.8 95.3

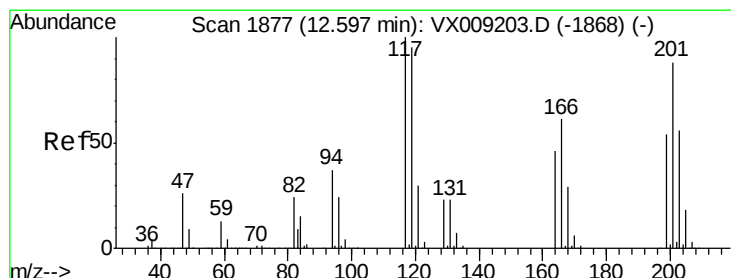
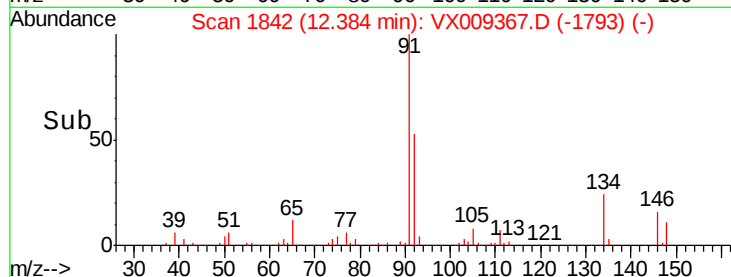
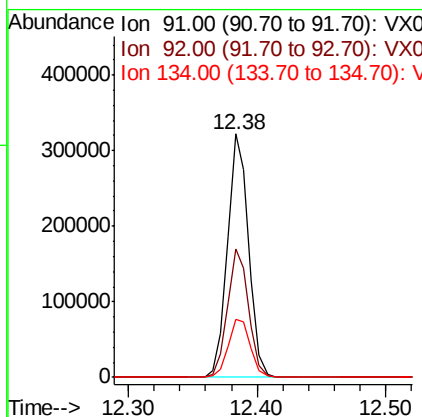
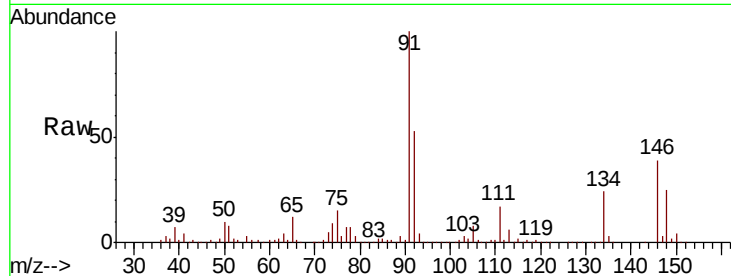




#89
n-Butylbenzene
Concen: 49.993 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

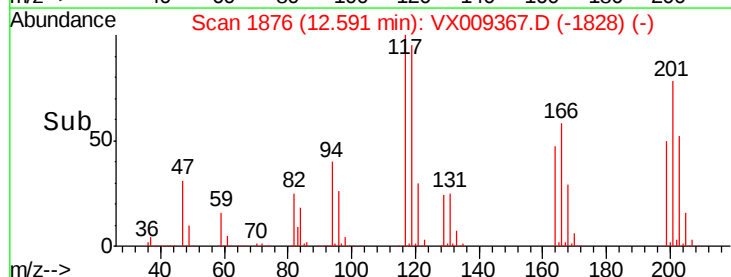
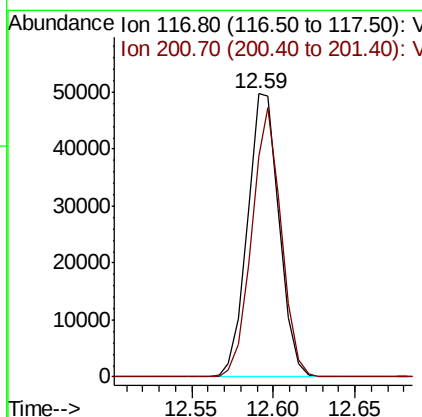
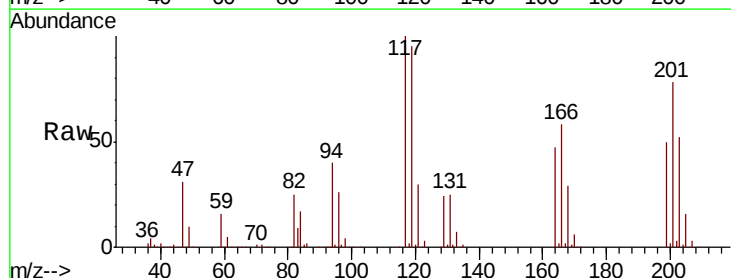
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

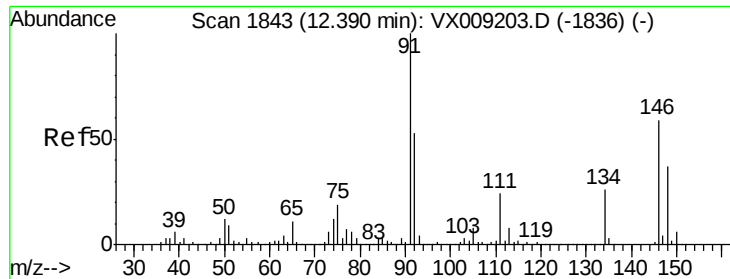
Tot Ion: 91 Resp: 371478
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 25.0 12.4 37.2



#90
Hexachloroethane
Concen: 47.979 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009367.D
Acq: 07 May 2019 09:44

Tgt Ion: 117 Resp: 67200
Ion Ratio Lower Upper
117 100
201 87.8 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 46.466 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

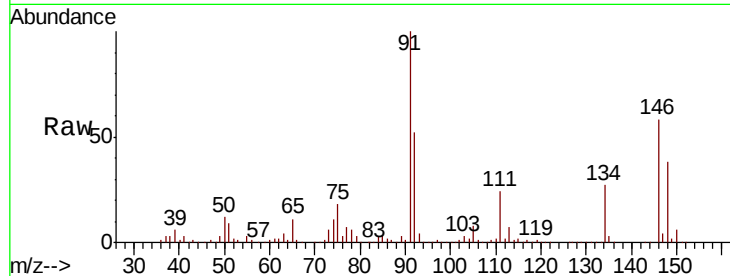
Tot Ion:146 Resp: 197204

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.4

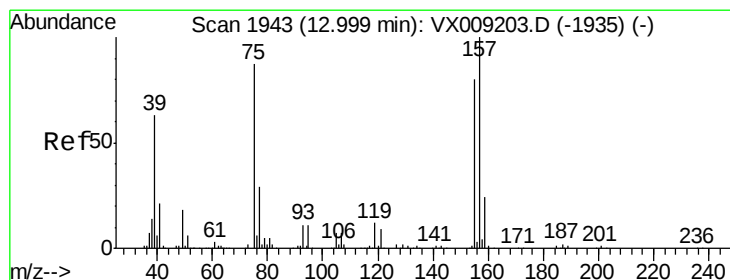
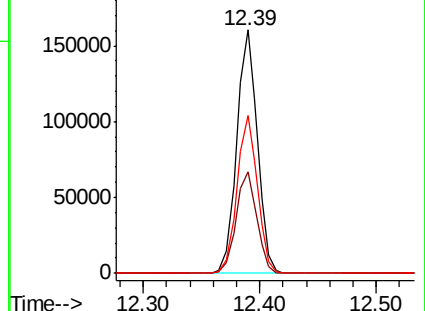
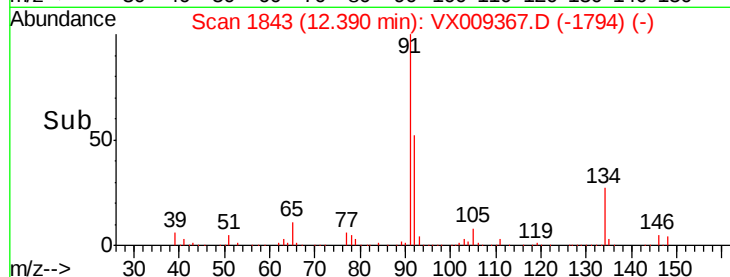
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.509 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

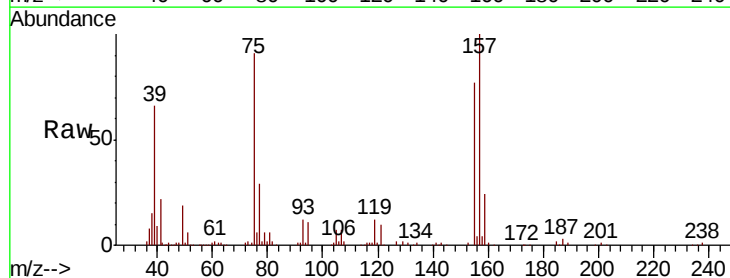
Tgt Ion: 75 Resp: 35052

Ion Ratio Lower Upper

75 100

155 81.3 42.0 126.0

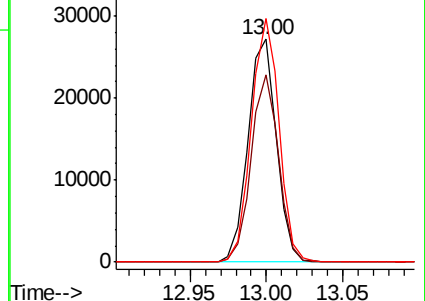
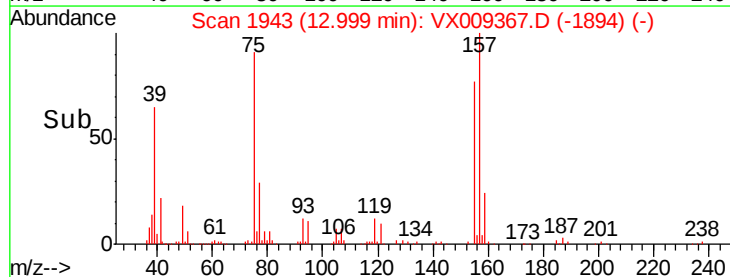
157 106.3 53.2 159.6

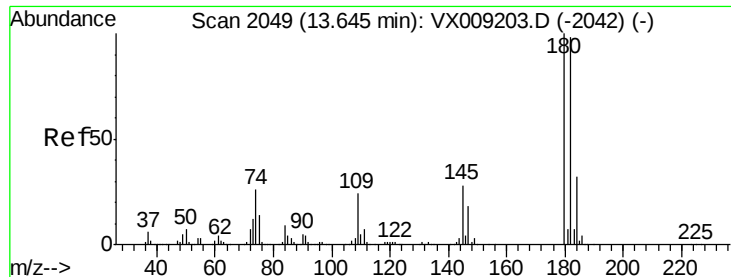


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

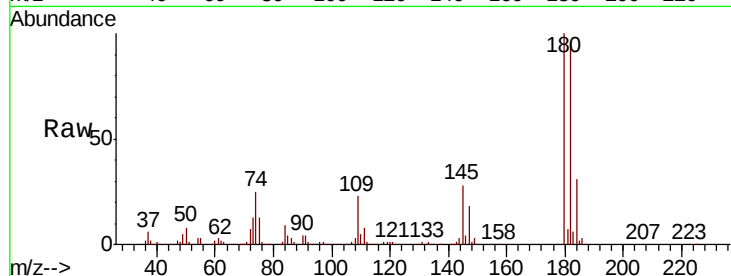




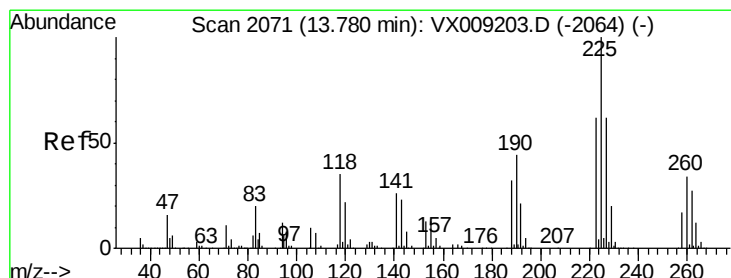
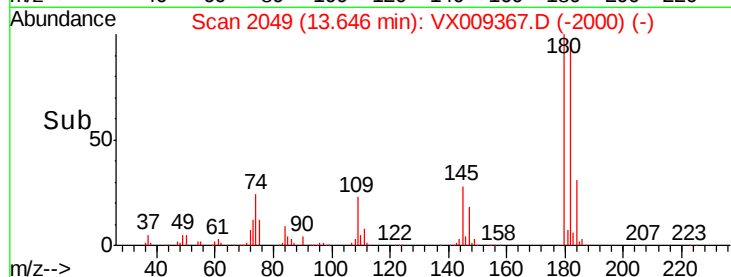
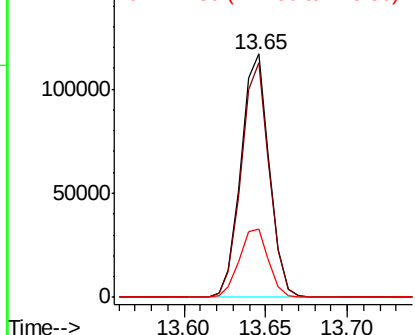
#93
 1,2,4-Trichlorobenzene
 Concen: 48.743 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 141464
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.4 145.2
 145 29.1 14.6 43.8

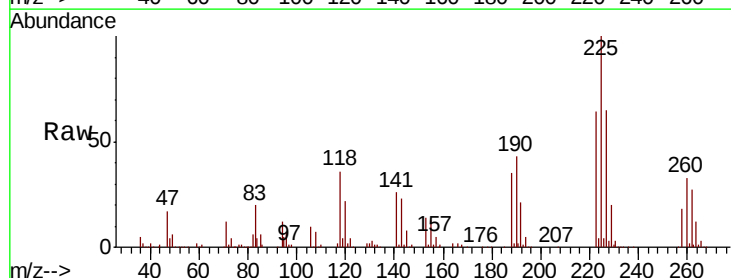


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

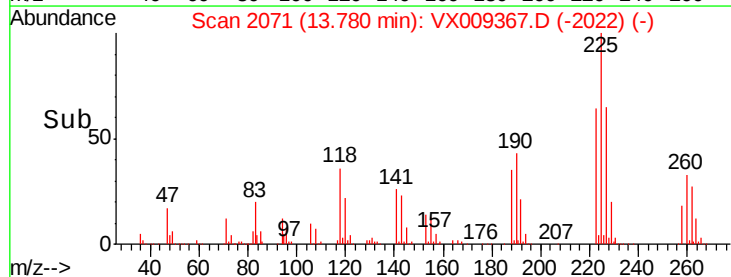
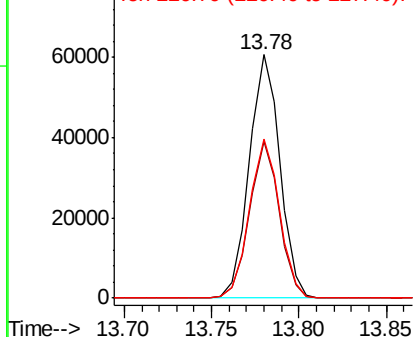


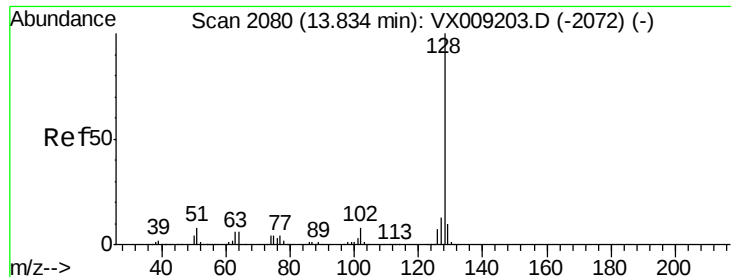
#94
 Hexachlorobutadiene
 Concen: 49.668 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009367.D
 Acq: 07 May 2019 09:44

Tgt Ion:225 Resp: 73611
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 64.2 31.8 95.3



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: 47.079 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

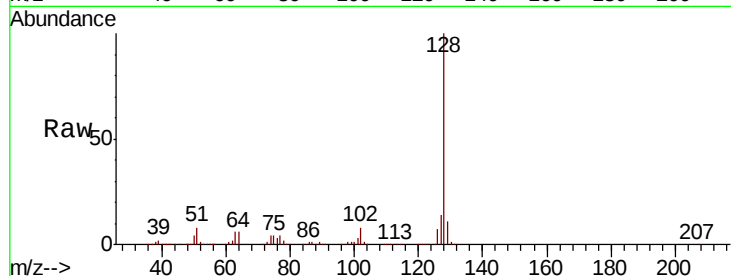
Tot Ion:128 Resp: 444523

Ion Ratio Lower Upper

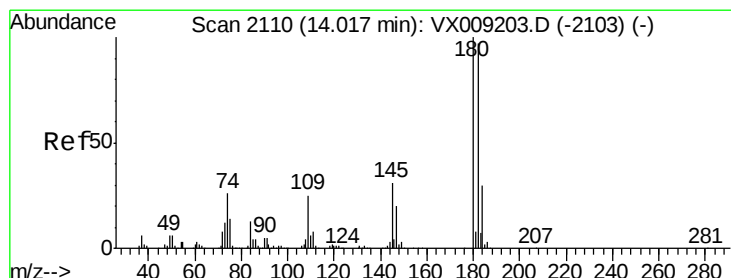
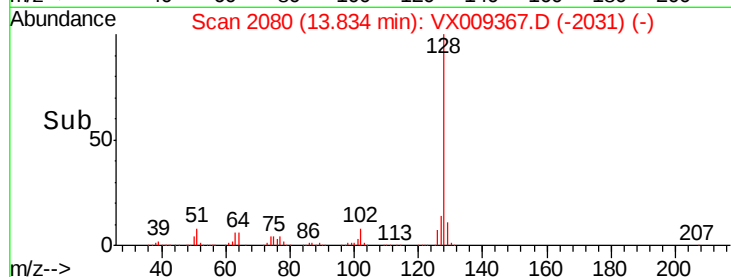
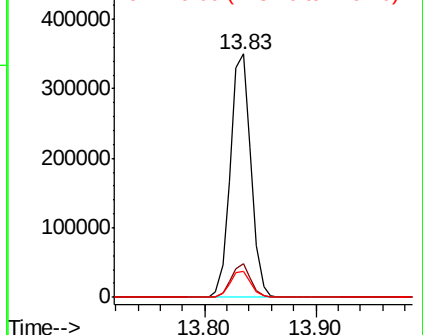
128 100

127 13.1 10.4 15.6

129 10.8 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 47.960 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009367.D

Acq: 07 May 2019 09:44

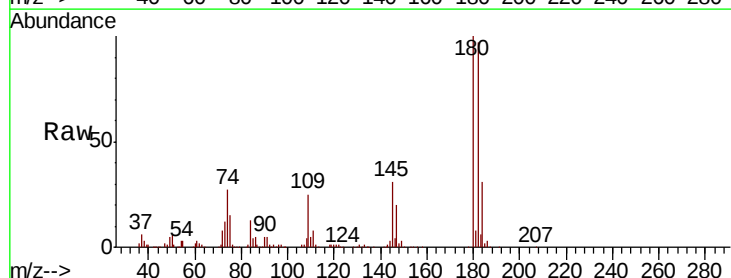
Tgt Ion:180 Resp: 141093

Ion Ratio Lower Upper

180 100

182 97.1 47.8 143.4

145 31.0 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

