

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009208.D
 Acq On : 29 Apr 2019 15:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 30 07:15:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136003	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131528	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	5.49	113	94288	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	379467	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	141712	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	79977	48.230	ug/l 98
3) Chloromethane	1.32	50	112271	49.591	ug/l 100
4) Vinyl Chloride	1.41	62	104916	47.525	ug/l 97
5) Bromomethane	1.64	94	66540	50.218	ug/l 98
6) Chloroethane	1.71	64	67008	47.276	ug/l 98
7) Trichlorofluoromethane	1.92	101	128153	47.756	ug/l 99
8) Diethyl Ether	2.18	74	65944	51.879	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81266	48.225	ug/l 99
10) Methyl Iodide	2.51	142	81215	42.263	ug/l 99
11) Tert butyl alcohol	3.05	59	154721	272.100	ug/l 100
12) 1,1-Dichloroethene	2.37	96	81734	48.409	ug/l 99
13) Acrolein	2.29	56	129983	252.415	ug/l 99
14) Allyl chloride	2.73	41	199568	48.501	ug/l 100
15) Acrylonitrile	3.14	53	368200	264.833	ug/l 99
16) Acetone	2.45	43	330444	250.519	ug/l 97
17) Carbon Disulfide	2.57	76	230581	48.642	ug/l 99
18) Methyl Acetate	2.77	43	163103	51.994	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	349205	53.260	ug/l 99
20) Methylene Chloride	2.85	84	104955	49.143	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	89252	48.742	ug/l 98
22) Diisopropyl ether	3.85	45	408707	51.650	ug/l 99
23) Vinyl Acetate	3.81	43	1867796	275.648	ug/l 100
24) 1,1-Dichloroethane	3.70	63	191530	49.065	ug/l 99
25) 2-Butanone	4.67	43	552009	269.306	ug/l 99
26) 2,2-Dichloropropane	4.58	77	139650	48.062	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	110034	50.344	ug/l 97
28) Bromochloromethane	5.01	49	86560	55.380	ug/l 99
29) Tetrahydrofuran	5.13	42	361095	273.764	ug/l 99
30) Chloroform	5.21	83	178495	50.557	ug/l 99
31) Cyclohexane	5.58	56	177222	48.798	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	141574	48.170	ug/l 100
36) 1,1-Dichloropropene	5.80	75	131102	47.695	ug/l 99
37) Ethyl Acetate	4.83	43	205631	53.692	ug/l 100
38) Carbon Tetrachloride	5.78	117	117852	47.190	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161225	47.760	ug/l	99
40) Benzene	6.14	78	414534	48.729	ug/l	100
41) Methacrylonitrile	5.04	41	117148	51.386	ug/l	100
42) 1,2-Dichloroethane	6.19	62	156858	51.403	ug/l	99
43) Isopropyl Acetate	6.44	43	328219	53.578	ug/l	100
44) Trichloroethene	7.21	130	96716	47.028	ug/l	99
45) 1,2-Dichloropropane	7.51	63	122740	50.955	ug/l	98
46) Dibromomethane	7.66	93	71192	50.895	ug/l	99
47) Bromodichloromethane	7.90	83	142077	50.919	ug/l	99
48) Methyl methacrylate	7.77	41	163172	53.688	ug/l	100
49) 1,4-Dioxane	7.74	88	63488	1030.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1063399	265.580	ug/l	100
52) Toluene	8.78	92	252150	48.762	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	169730	53.879	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184093	52.797	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	107415	50.916	ug/l	95
56) Ethyl methacrylate	9.18	69	201506	53.509	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190935	51.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	528334	264.461	ug/l	100
59) 2-Hexanone	9.49	43	839736	267.029	ug/l	100
60) Dibromochloromethane	9.58	129	109007	52.904	ug/l	100
61) 1,2-Dibromoethane	9.67	107	111121	52.180	ug/l	100
64) Tetrachloroethene	9.34	164	85862	46.019	ug/l	96
65) Chlorobenzene	10.13	112	265178	48.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	97061	49.203	ug/l	99
67) Ethyl Benzene	10.25	91	482340	48.167	ug/l	100
68) m/p-Xylenes	10.36	106	352652	96.370	ug/l	98
69) o-Xylene	10.69	106	173393	48.025	ug/l	98
70) Styrene	10.71	104	312969	49.873	ug/l	99
71) Bromoform	10.85	173	83442	52.051	ug/l	100
73) Isopropylbenzene	11.02	105	457463	46.255	ug/l	99
74) N-amyl acetate	10.90	43	303754	52.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184827	50.132	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	217952	69.086	ug/l	82
77) Bromobenzene	11.26	156	117837	48.004	ug/l	99
78) n-propylbenzene	11.36	91	531182	47.029	ug/l	99
79) 2-Chlorotoluene	11.42	91	322843	46.330	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	393975	47.311	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63985	51.894	ug/l	100
82) 4-Chlorotoluene	11.51	91	372378	47.303	ug/l	99
83) tert-Butylbenzene	11.77	119	378233	46.691	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	400179	47.876	ug/l	99
85) sec-Butylbenzene	11.94	105	446071	46.446	ug/l	100
86) p-Isopropyltoluene	12.06	119	407547	47.202	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	208110	47.557	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	212604	48.190	ug/l	100
89) n-Butylbenzene	12.38	91	372477	47.730	ug/l	99
90) Hexachloroethane	12.60	117	69643	47.345	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	217283	48.749	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43009	52.002	ug/l	99

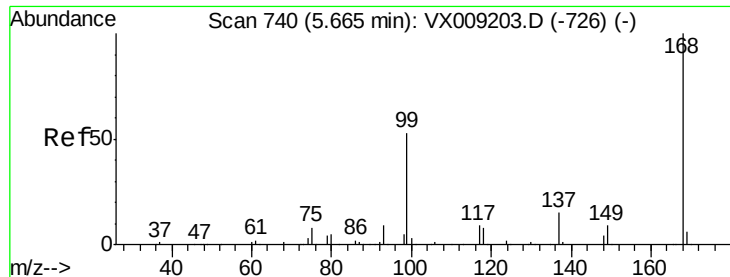
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	152325	49.976	ug/l	99
94) Hexachlorobutadiene	13.78	225	73239	47.055	ug/l	99
95) Naphthalene	13.83	128	511022	51.534	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	152408	49.329	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

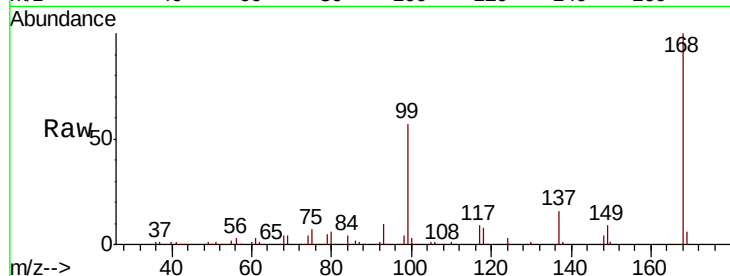
VSTDCCC050

Tgt Ion:168 Resp: 179947

Ion Ratio Lower Upper

168 100

99 56.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

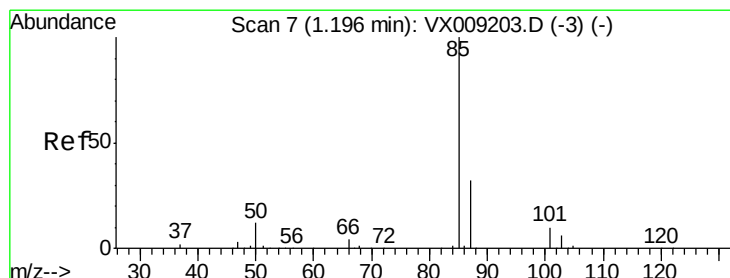
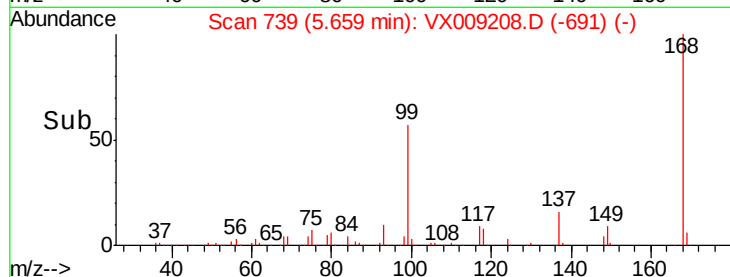
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.230 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009208.D

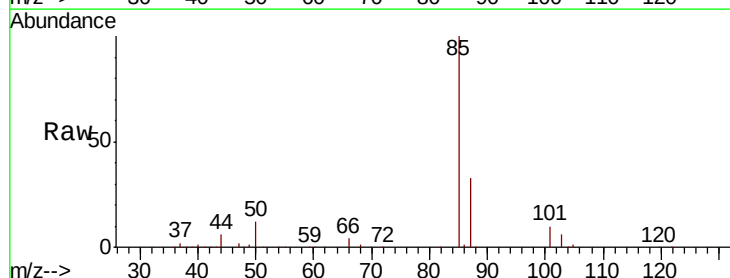
Acq: 29 Apr 2019 15:25

Tgt Ion: 85 Resp: 79977

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

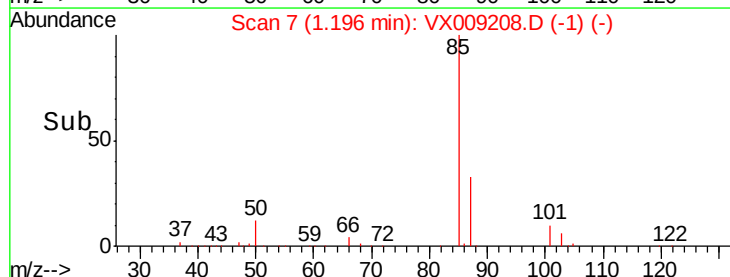
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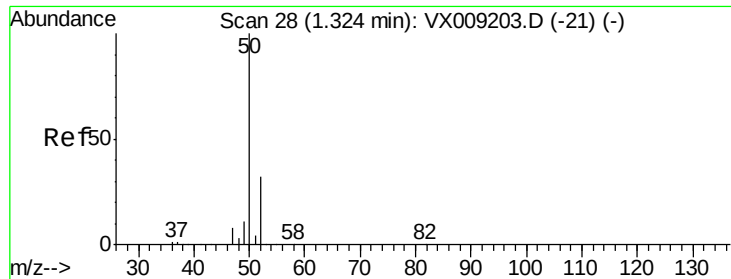
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 49.591 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

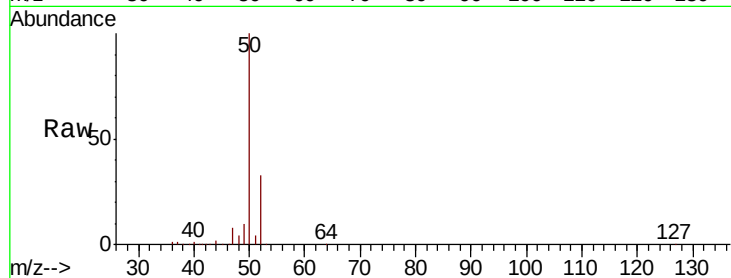
VSTDCCC050

Tgt Ion: 50 Resp: 112271

Ion Ratio Lower Upper

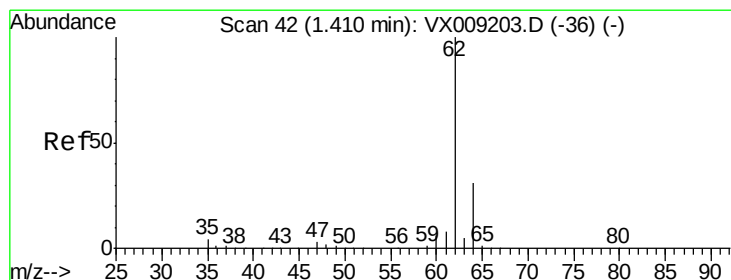
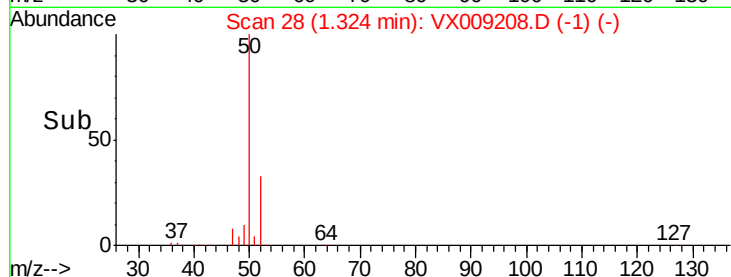
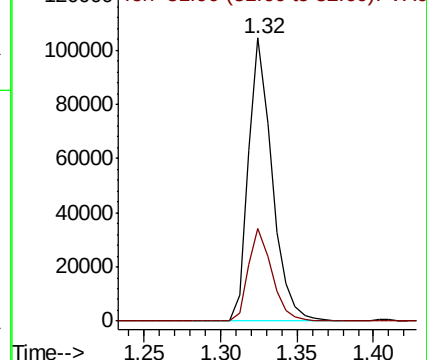
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.525 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009208.D

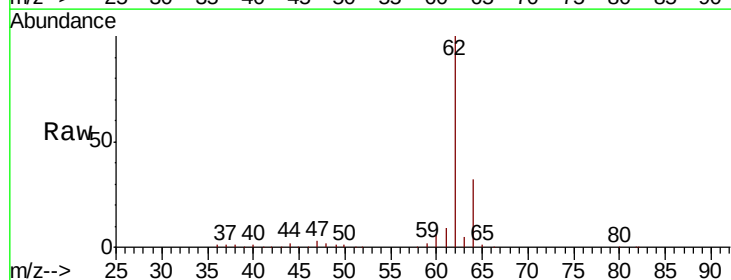
Acq: 29 Apr 2019 15:25

Tgt Ion: 62 Resp: 104916

Ion Ratio Lower Upper

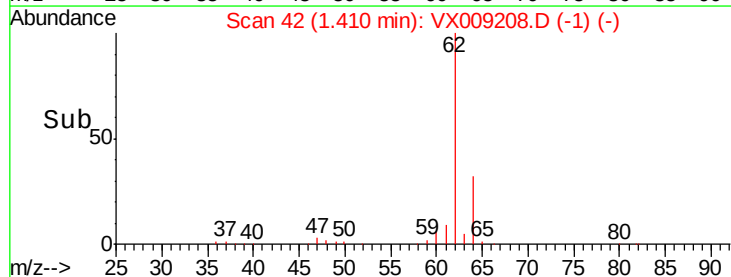
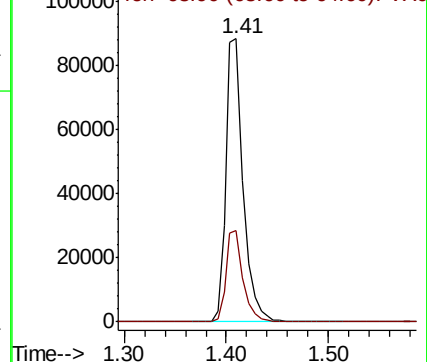
62 100

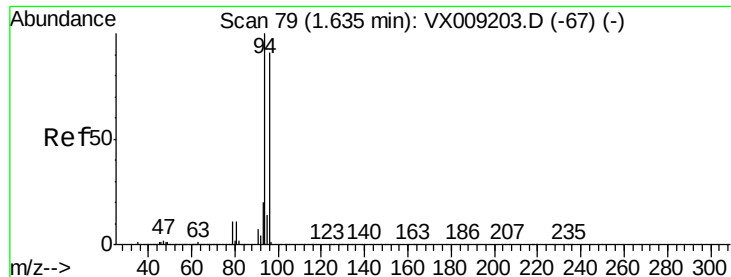
64 32.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.218 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

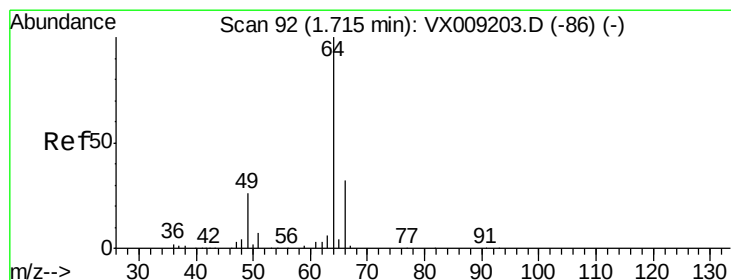
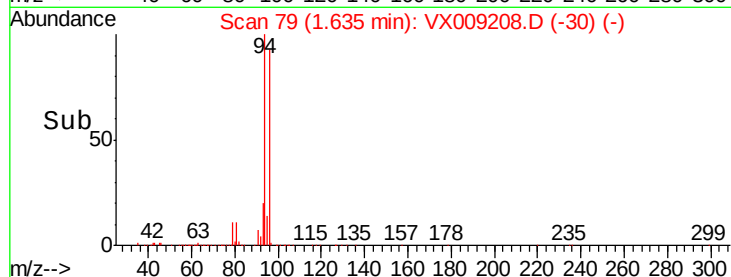
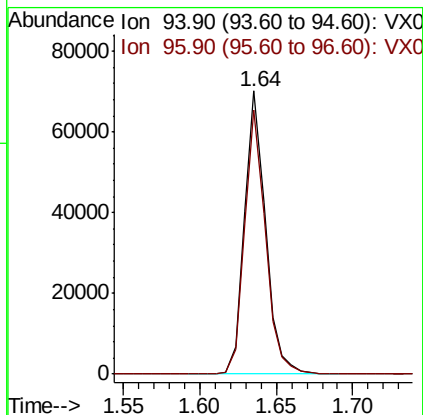
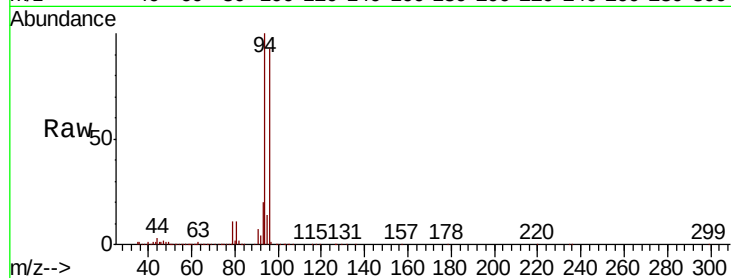
VSTDCCC050

Tgt Ion: 94 Resp: 66540

Ion Ratio Lower Upper

94 100

96 93.1 73.0 109.6



#6

Chloroethane

Concen: 47.276 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009208.D

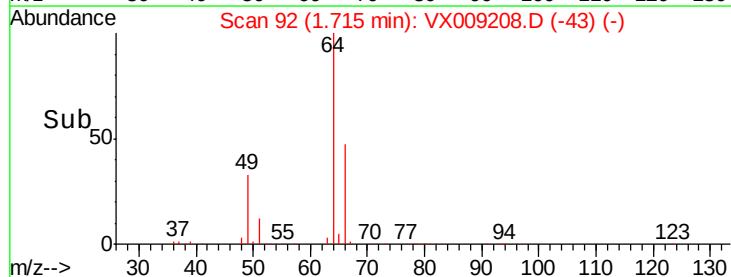
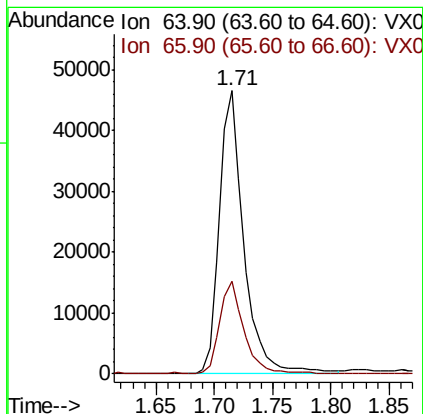
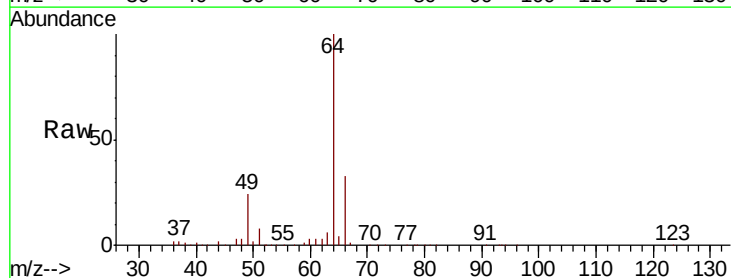
Acq: 29 Apr 2019 15:25

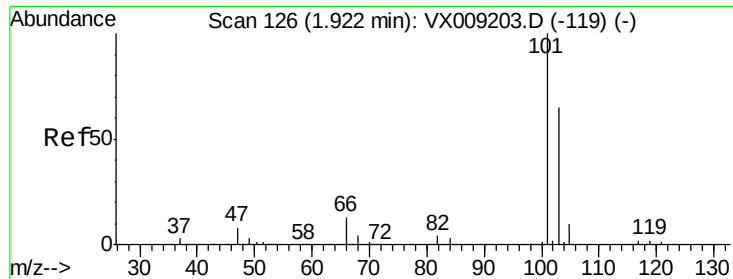
Tgt Ion: 64 Resp: 67008

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9



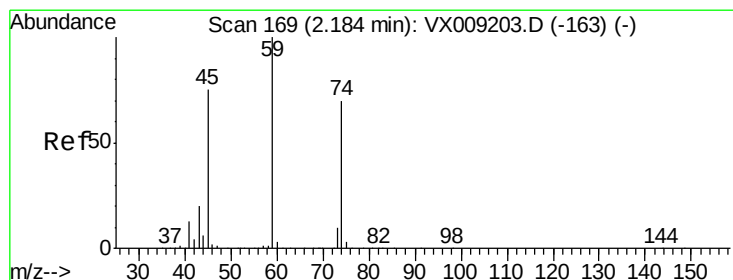
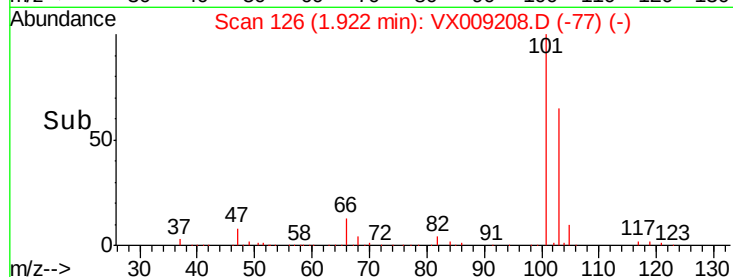
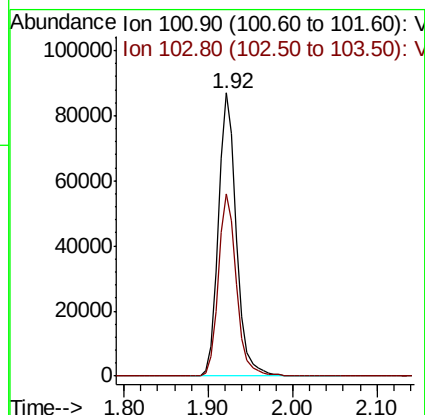
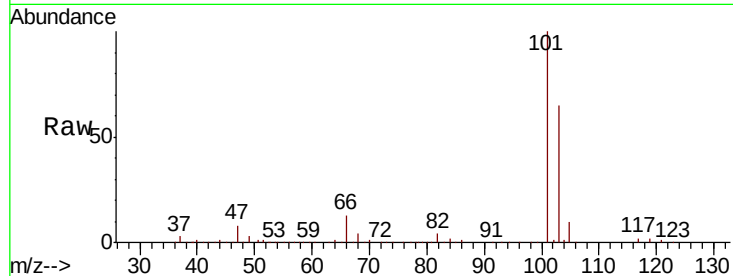


#7

Trichlorofluoromethane
 Concen: 47.756 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
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 ClientSampleId :
 VSTDCCC050

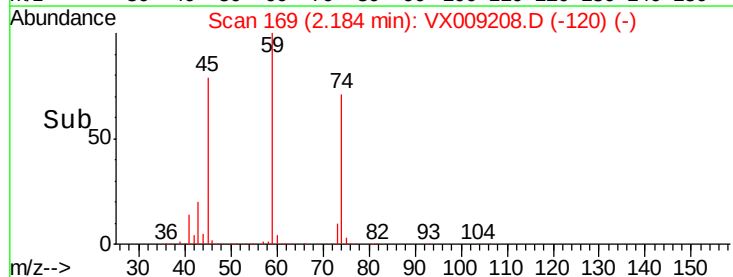
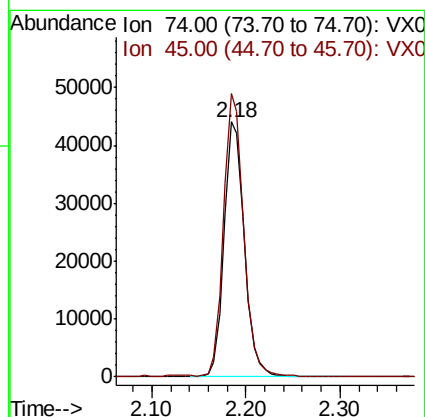
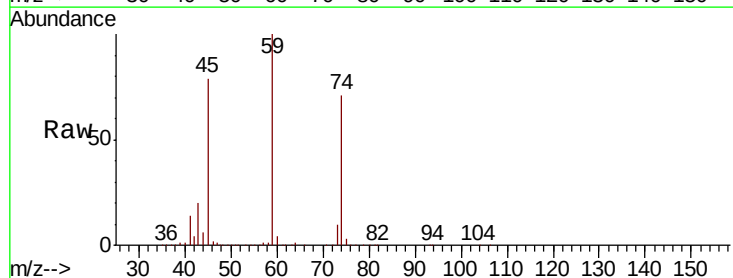
Tgt Ion: 101 Resp: 128153
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.4 78.6

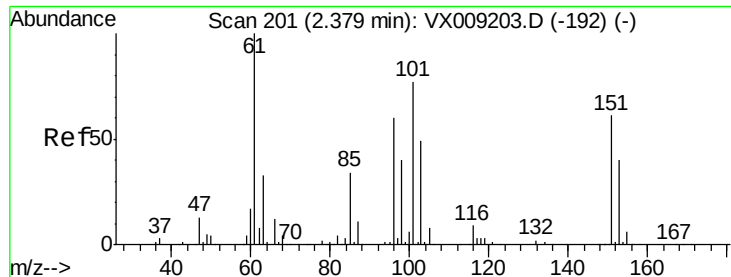


#8

Diethyl Ether
 Concen: 51.879 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 74 Resp: 65944
 Ion Ratio Lower Upper
 74 100
 45 108.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.225 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

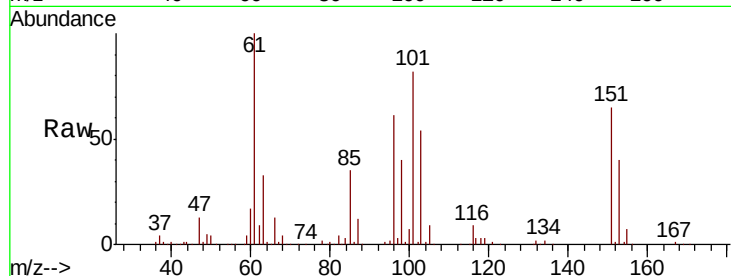
Tgt Ion:101 Resp: 81266

Ion Ratio Lower Upper

101 100

85 43.5 35.7 53.5

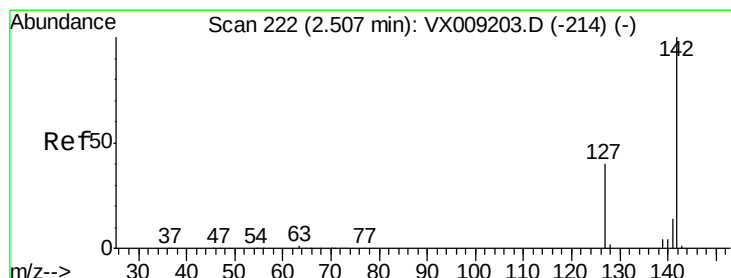
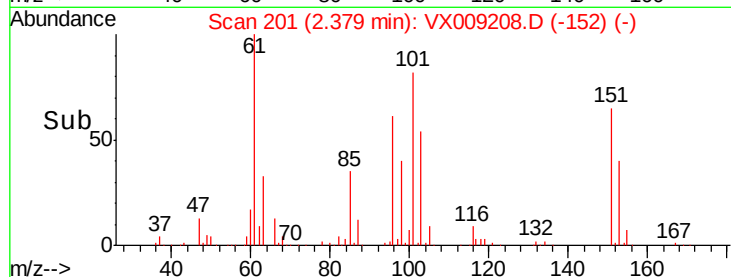
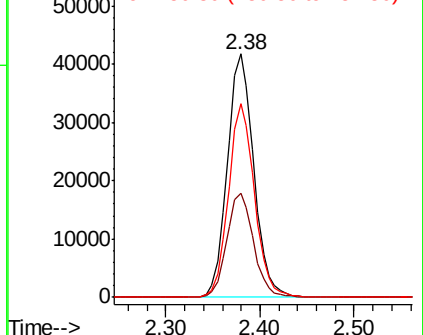
151 78.2 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.263 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

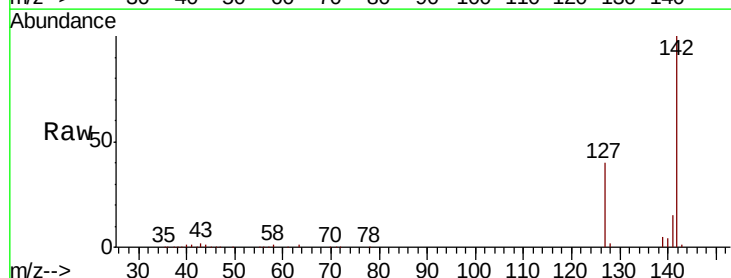
Tgt Ion:142 Resp: 81215

Ion Ratio Lower Upper

142 100

127 41.5 32.7 49.1

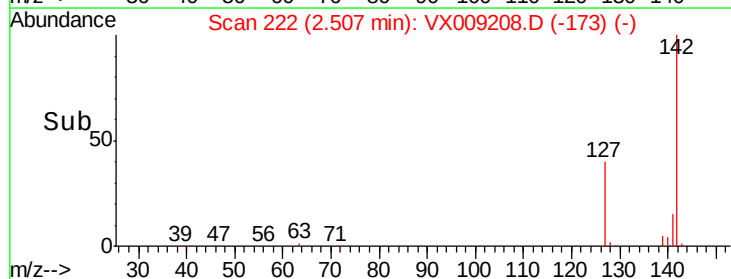
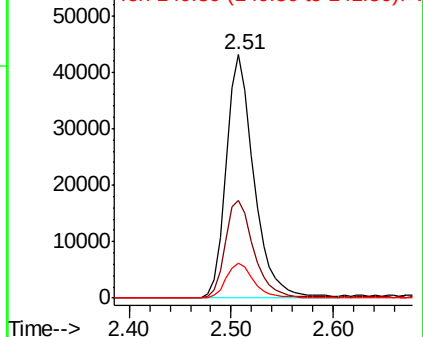
141 14.4 11.5 17.3

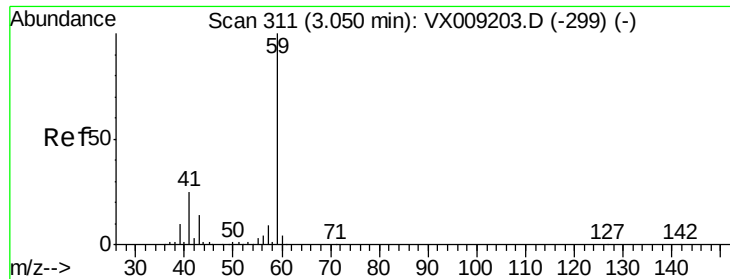


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

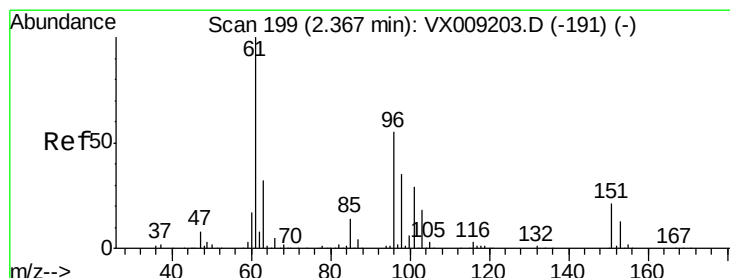
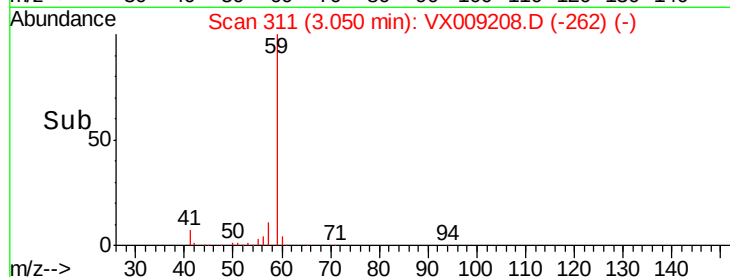
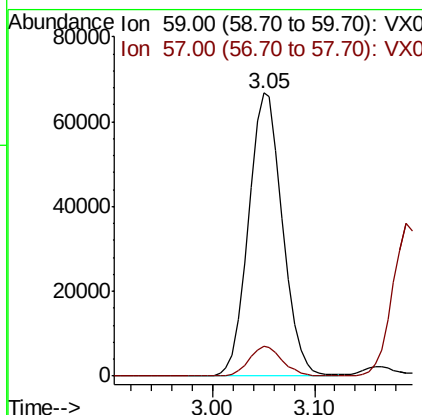
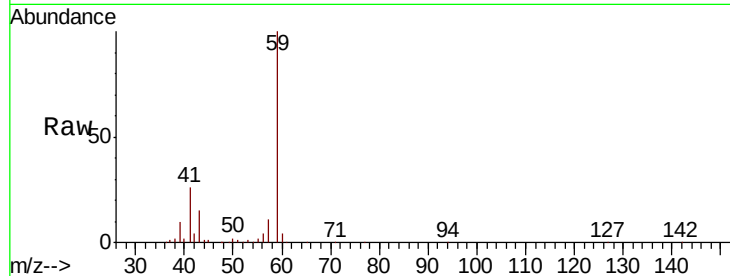




#11
Tert butyl alcohol
Concen: 272.100 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

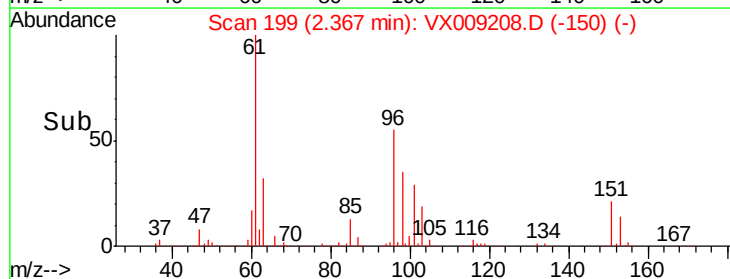
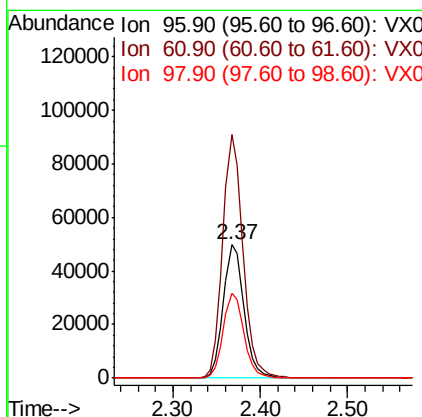
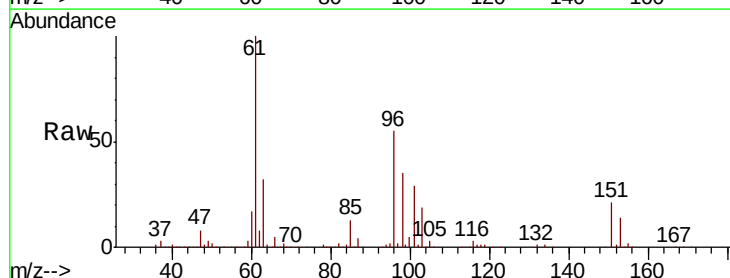
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

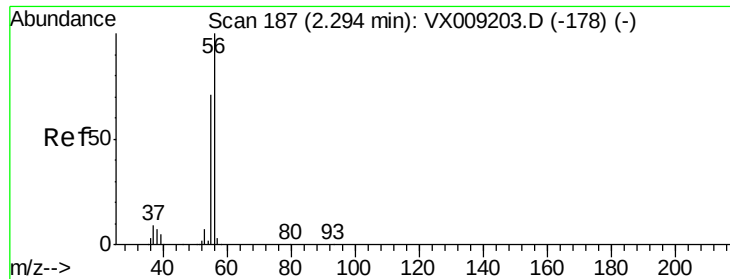
Tgt Ion: 59 Resp: 154721
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.409 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 96 Resp: 81734
Ion Ratio Lower Upper
96 100
61 182.6 144.3 216.5
98 63.7 50.3 75.5





#13

Acrolein

Concen: 252.415 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

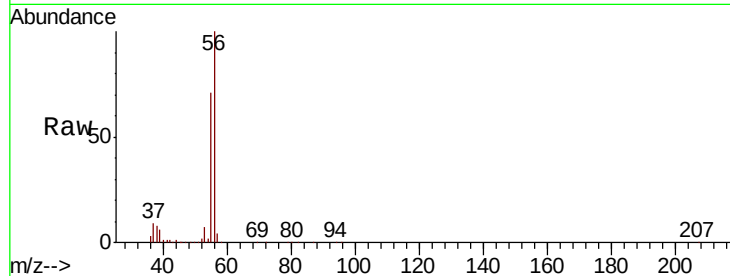
VSTDCCC050

Tgt Ion: 56 Resp: 129983

Ion Ratio Lower Upper

56 100

55 71.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

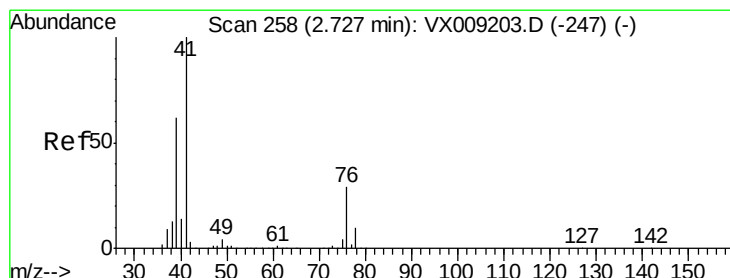
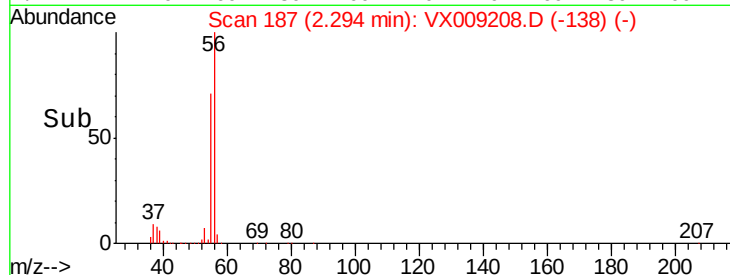
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 48.501 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

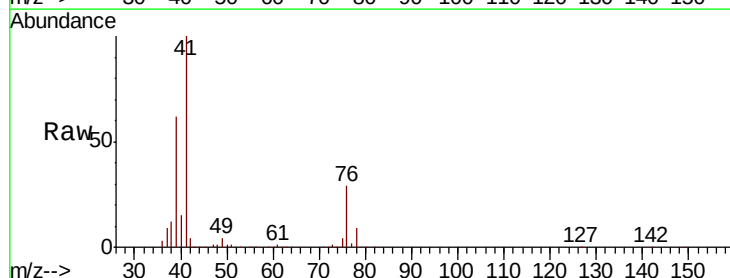
Tgt Ion: 41 Resp: 199568

Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

76 26.8 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

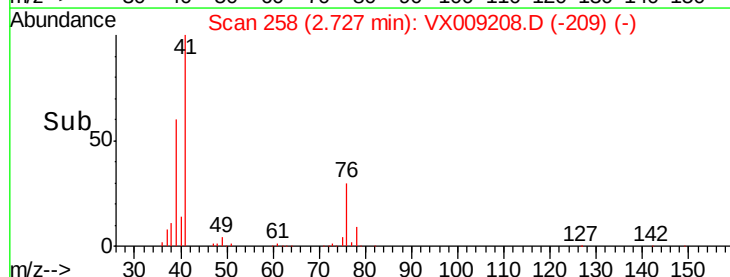
100000

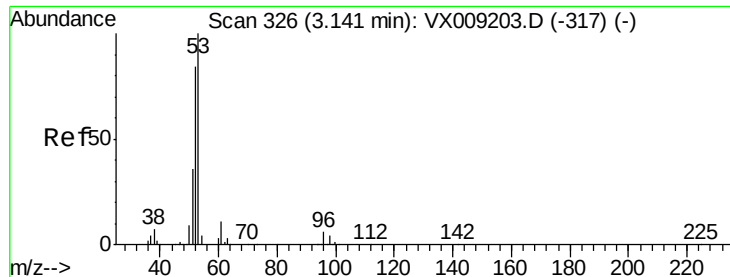
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 264.833 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

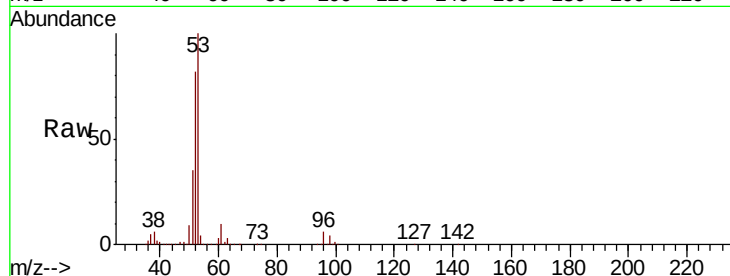
Tgt Ion: 53 Resp: 368200

Ion Ratio Lower Upper

53 100

52 82.9 66.9 100.3

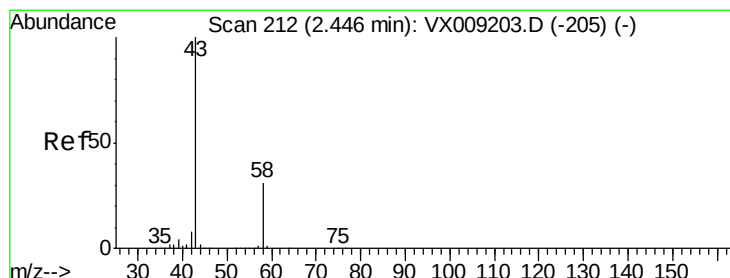
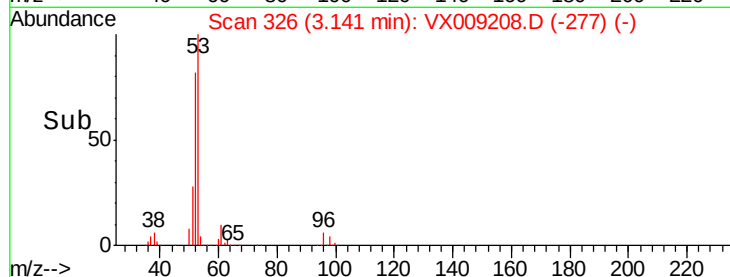
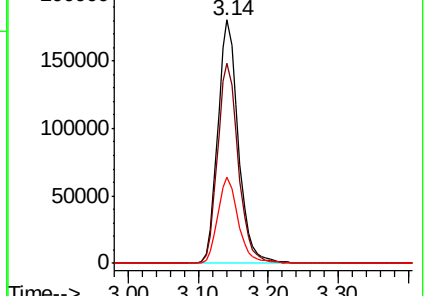
51 35.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 250.519 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009208.D

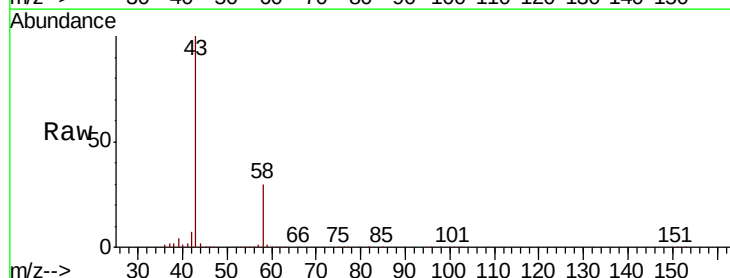
Acq: 29 Apr 2019 15:25

Tgt Ion: 43 Resp: 330444

Ion Ratio Lower Upper

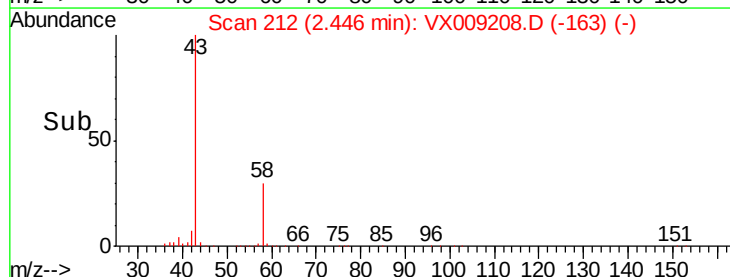
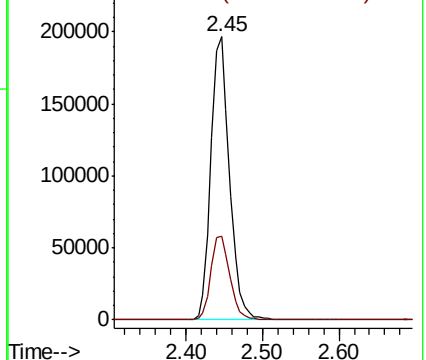
43 100

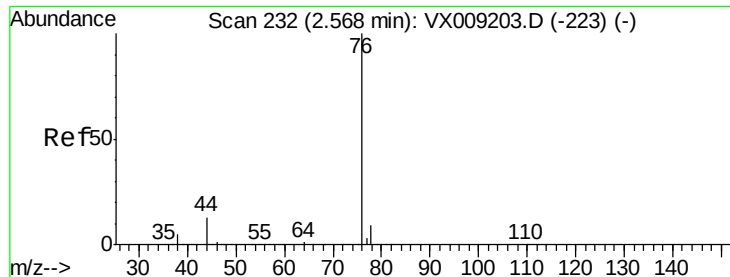
58 29.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.642 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

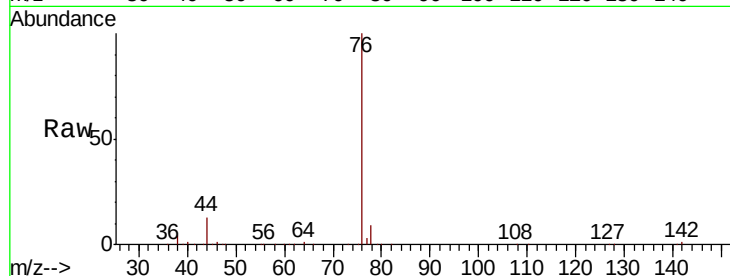
VSTDCCC050

Tgt Ion: 76 Resp: 230581

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

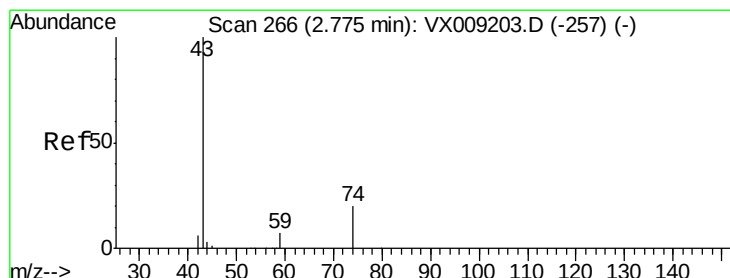
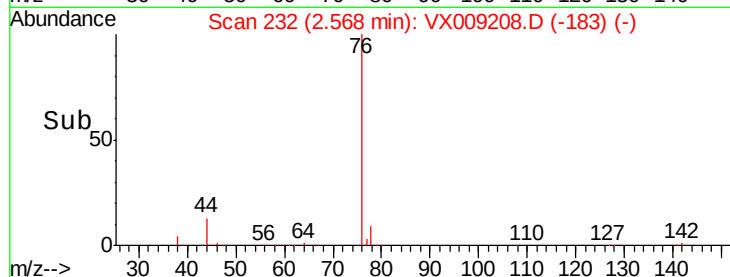
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 51.994 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009208.D

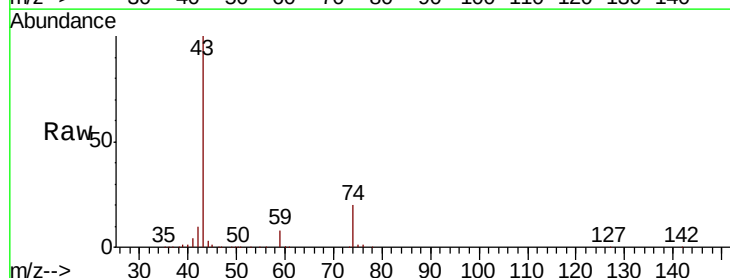
Acq: 29 Apr 2019 15:25

Tgt Ion: 43 Resp: 163103

Ion Ratio Lower Upper

43 100

74 20.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

100000

80000

60000

40000

20000

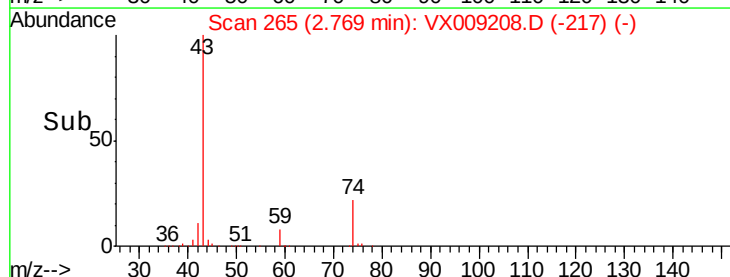
0

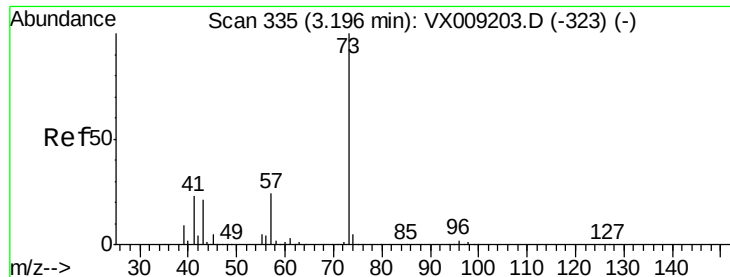
Time-->

2.70

2.80

2.90



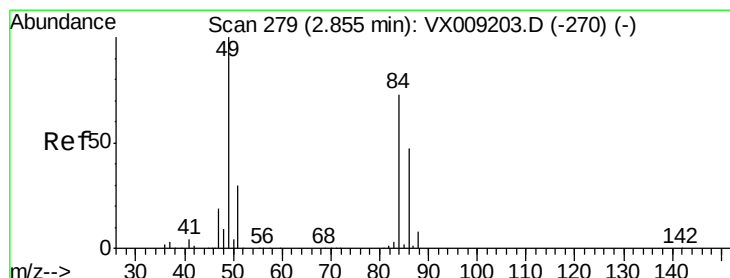
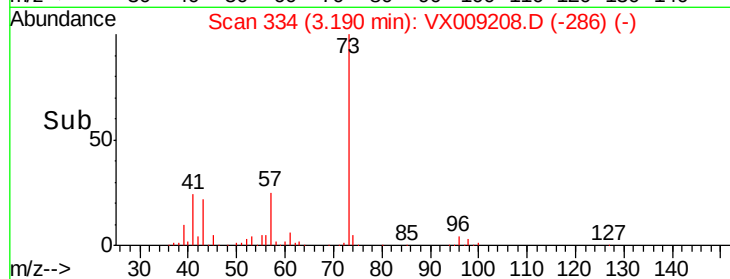
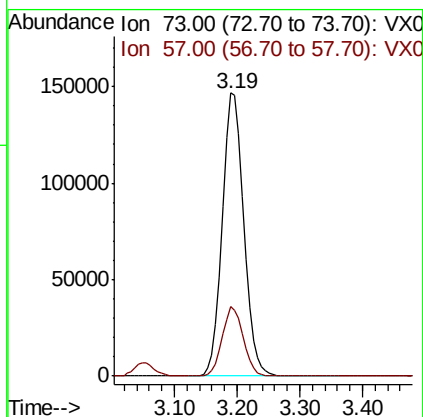
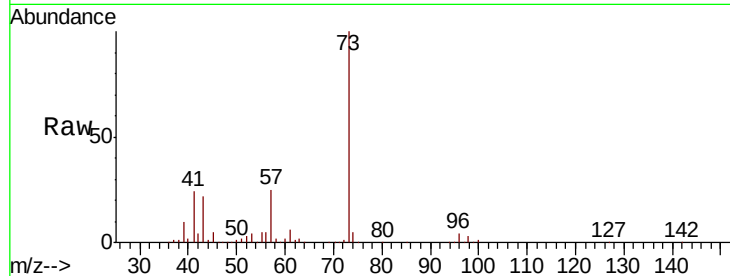


#19

Methyl tert-butyl Ether
 Concen: 53.260 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

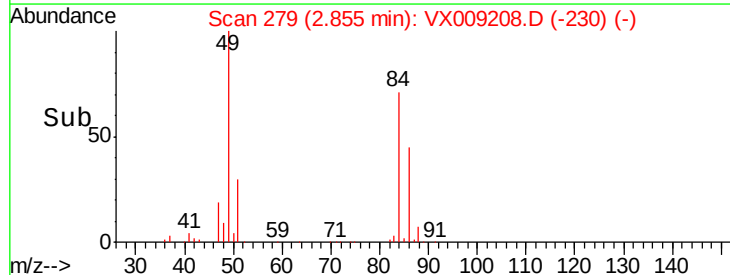
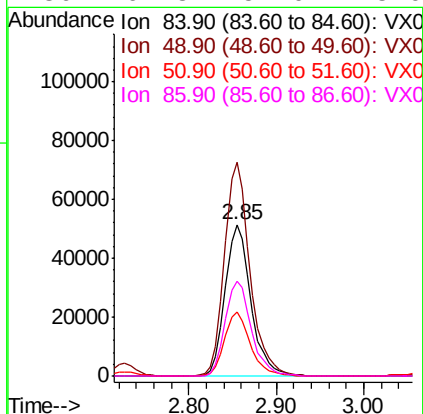
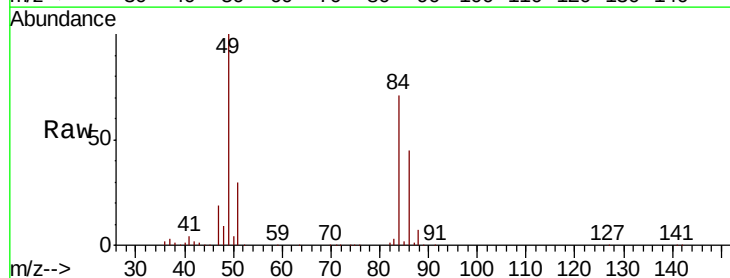
Tgt Ion: 73 Resp: 349205
 Ion Ratio Lower Upper
 73 100
 57 24.6 19.3 28.9

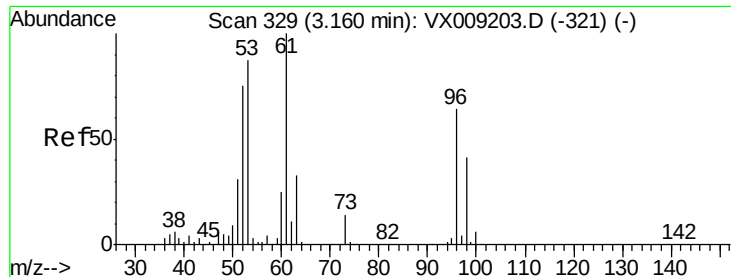


#20

Methylene Chloride
 Concen: 49.143 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 84 Resp: 104955
 Ion Ratio Lower Upper
 84 100
 49 140.8 109.9 164.9
 51 41.9 32.7 49.1
 86 62.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.742 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

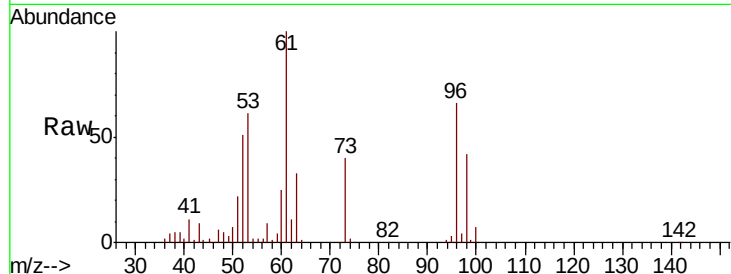
Tgt Ion: 96 Resp: 89252

Ion Ratio Lower Upper

96 100

61 152.4 124.5 186.7

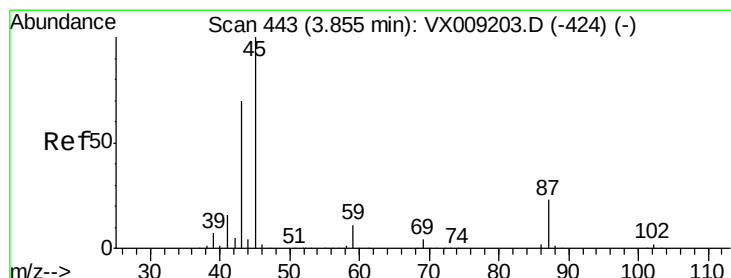
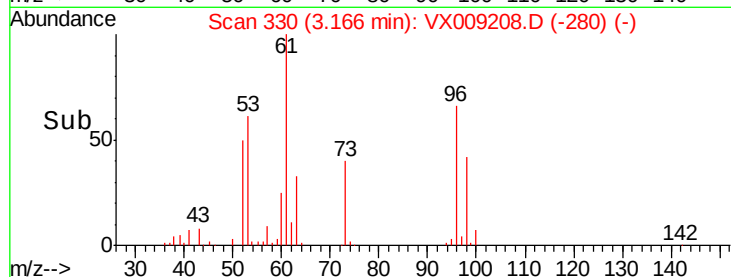
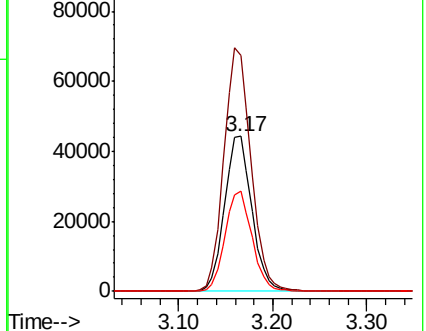
98 64.6 50.4 75.6



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: 51.650 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion: 45 Resp: 408707

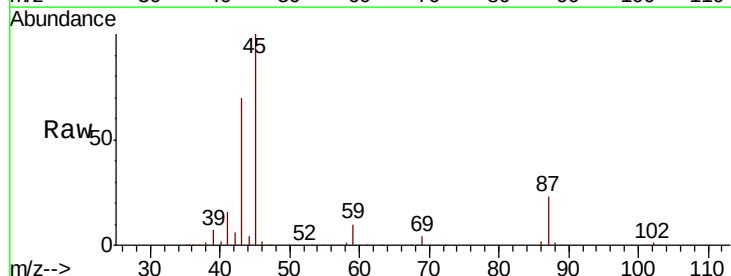
Ion Ratio Lower Upper

45 100

43 69.8 56.1 84.1

87 23.3 18.1 27.1

59 10.5 8.5 12.7

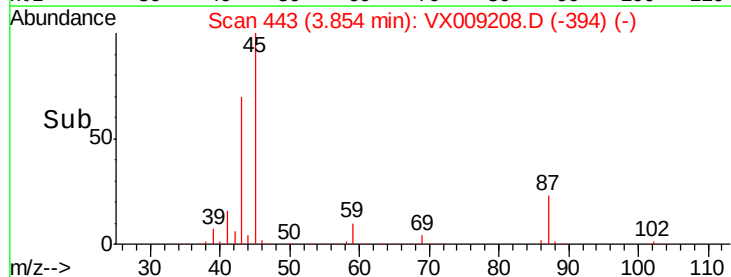
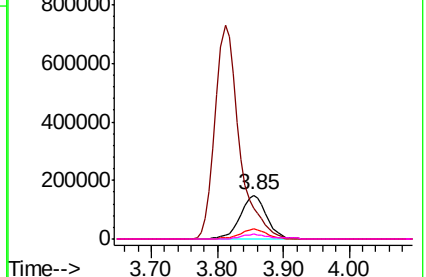


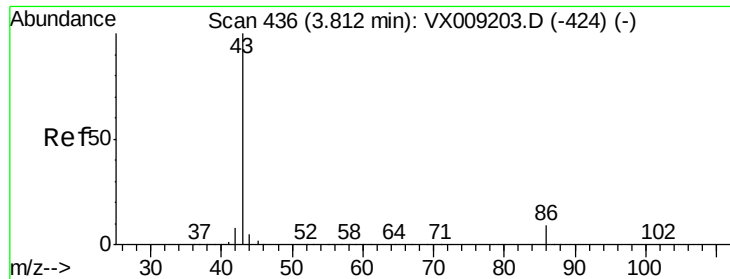
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 275.648 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

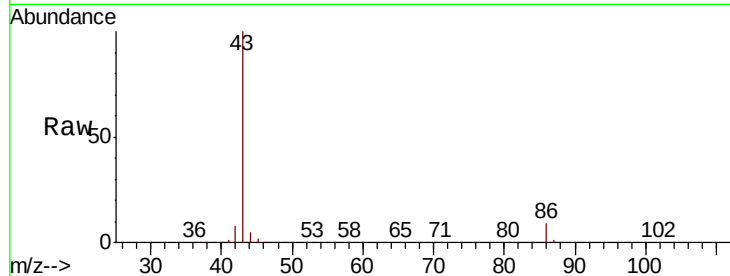
VSTDCCC050

Tgt Ion: 43 Resp: 1867796

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

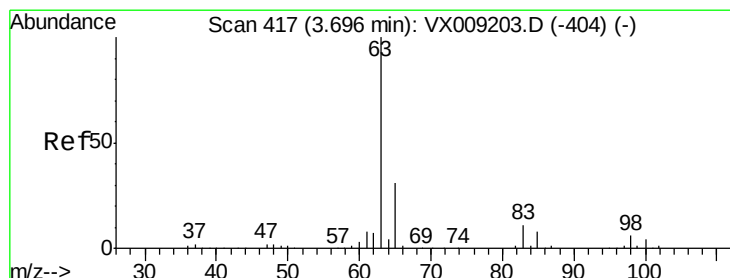
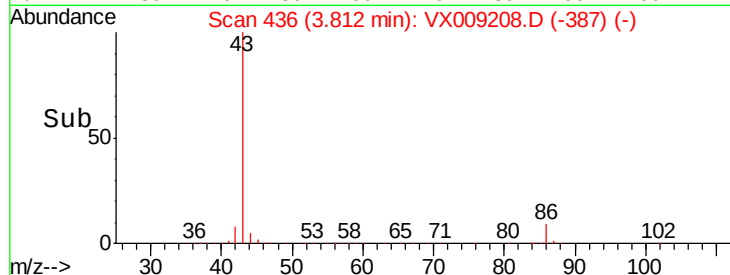
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.065 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

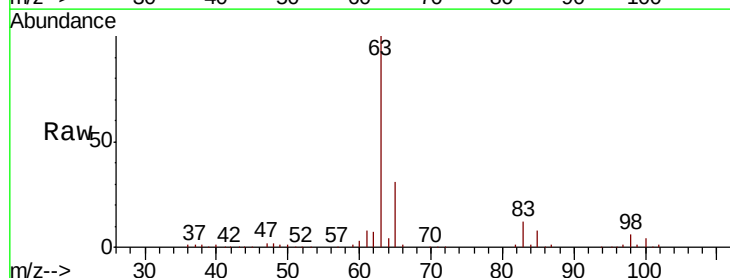
Tgt Ion: 63 Resp: 191530

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 3.6 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

100000

80000

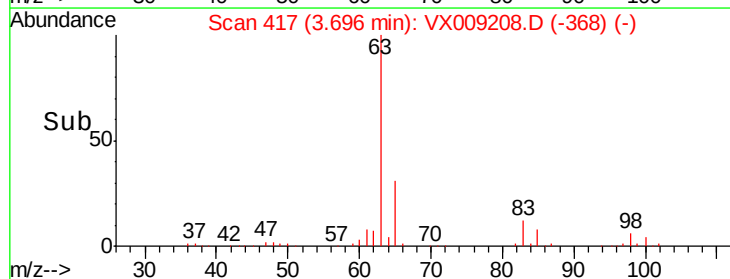
60000

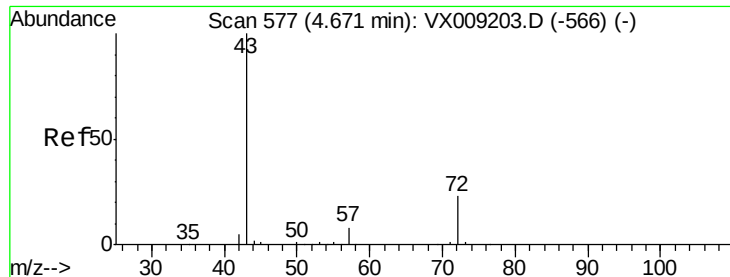
40000

20000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 269.306 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

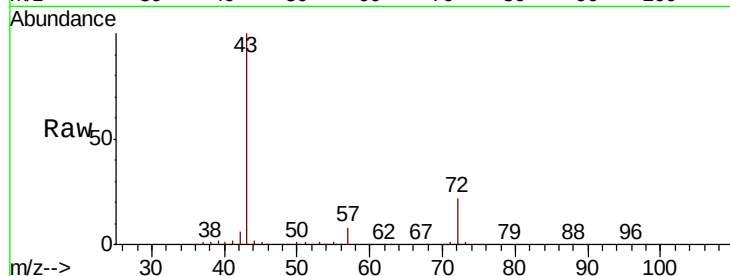
VSTDCCC050

Tgt Ion: 43 Resp: 552009

Ion Ratio Lower Upper

43 100

72 22.3 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

200000

150000

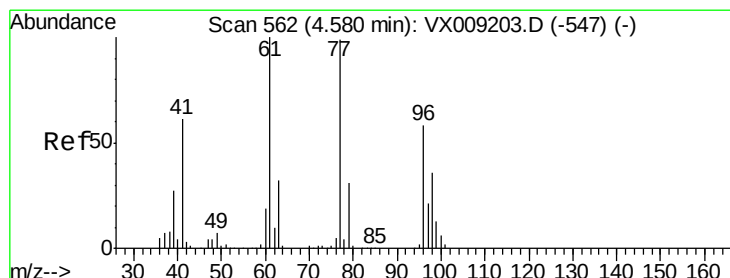
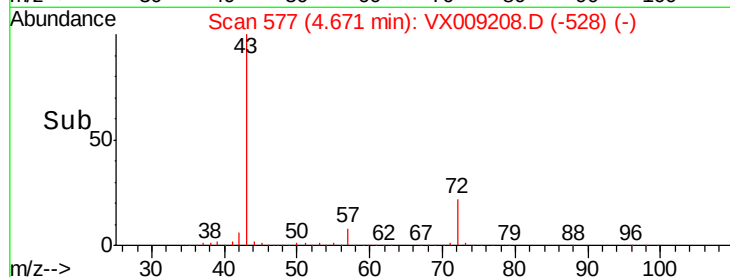
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.062 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009208.D

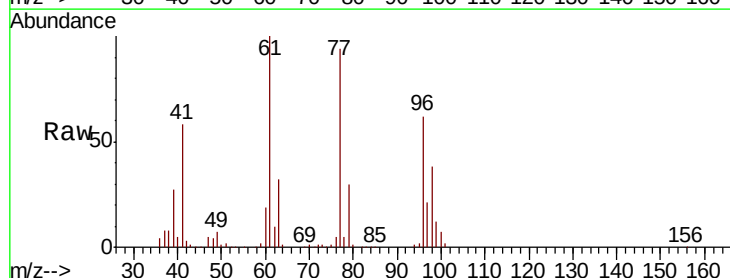
Acq: 29 Apr 2019 15:25

Tgt Ion: 77 Resp: 139650

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

30000

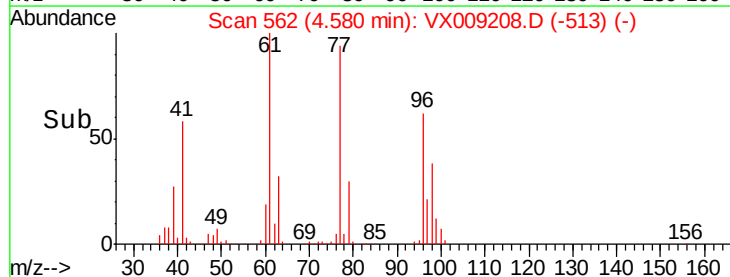
20000

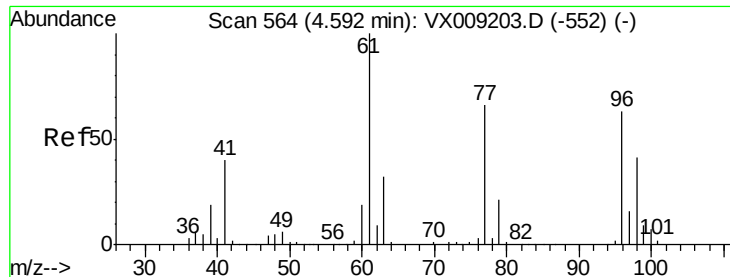
10000

0

4.40 4.50 4.60 4.70

Time-->



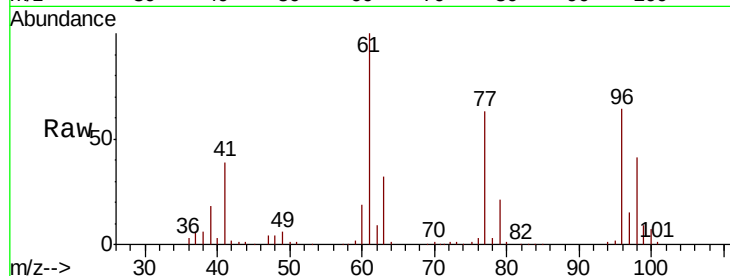


#27

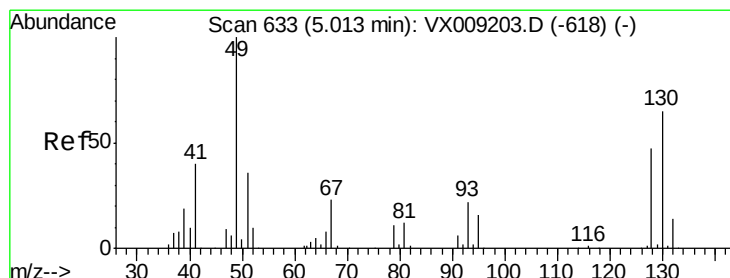
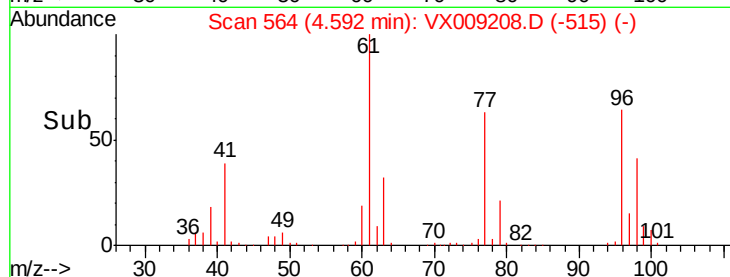
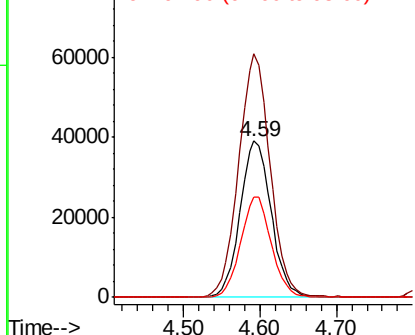
cis-1,2-Dichloroethene
Concen: 50.344 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 110034
Ion Ratio Lower Upper
96 100
61 158.0 0.0 324.0
98 63.7 0.0 130.4



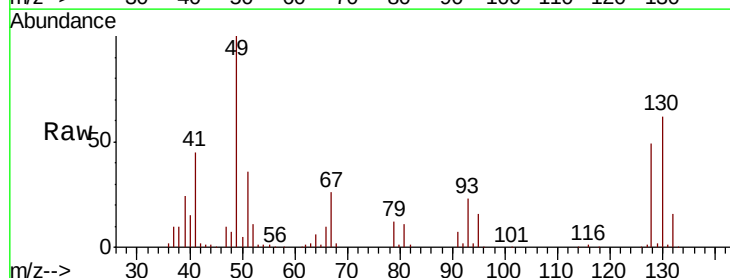
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



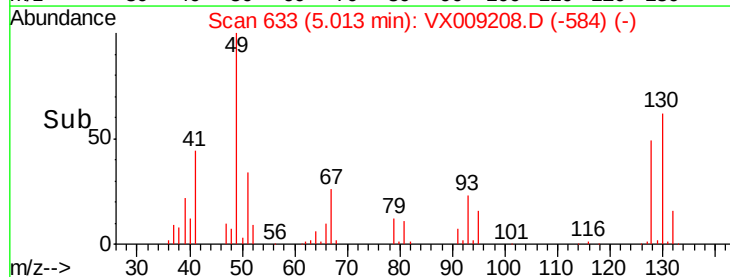
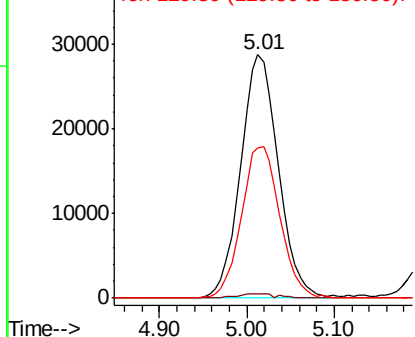
#28

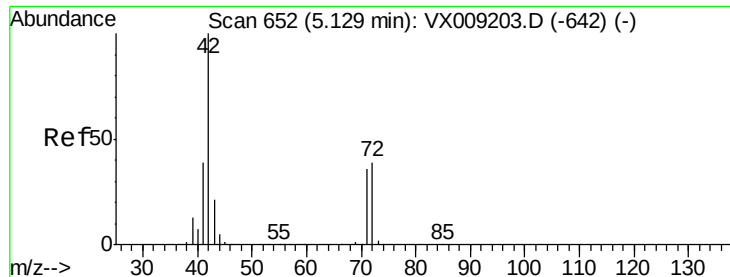
Bromochloromethane
Concen: 55.380 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 49 Resp: 86560
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 63.2 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

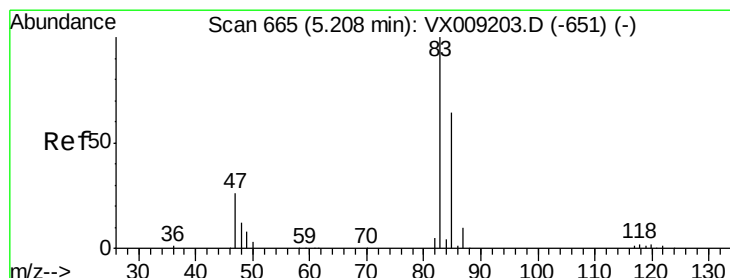
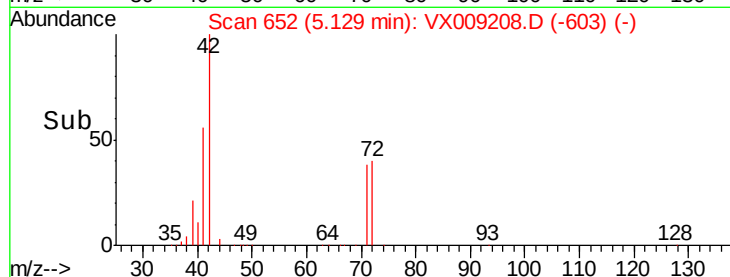
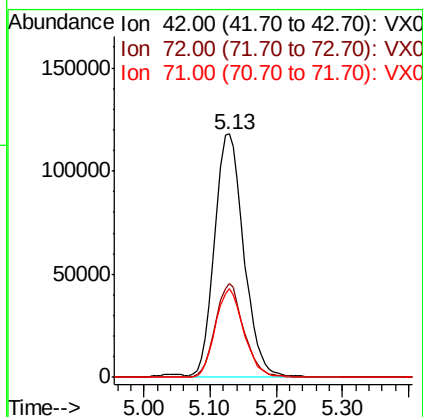
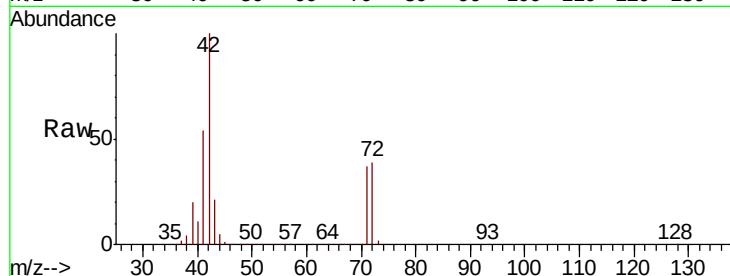




#29
Tetrahydrofuran
Concen: 273.764 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

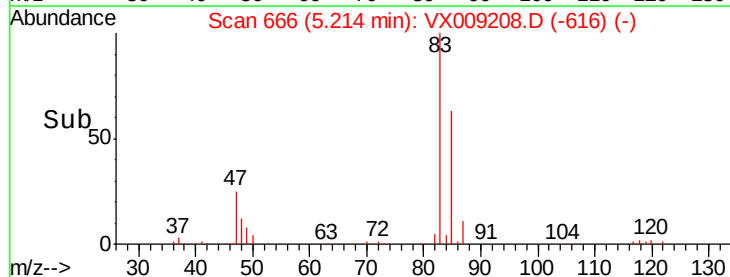
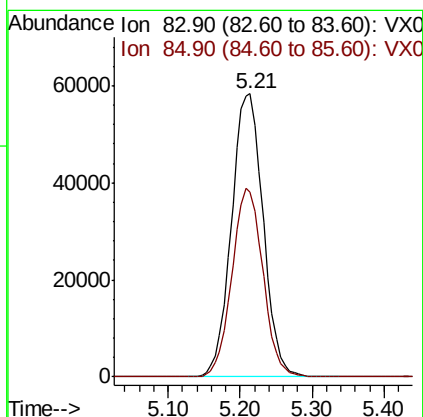
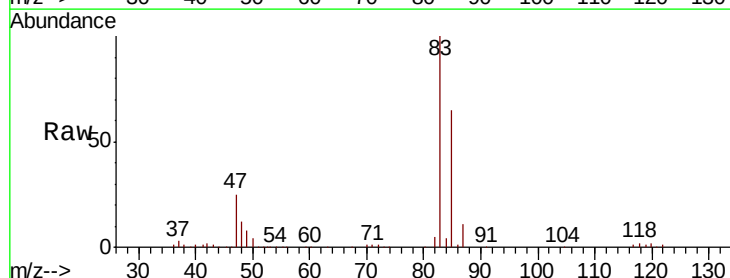
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

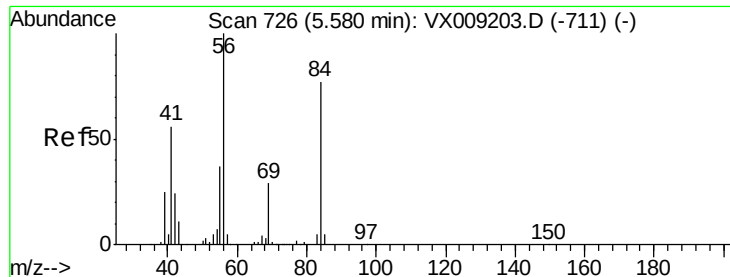
Tgt Ion: 42 Resp: 361095
Ion Ratio Lower Upper
42 100
72 37.7 30.4 45.6
71 35.4 28.6 43.0



#30
Chloroform
Concen: 50.557 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 83 Resp: 178495
Ion Ratio Lower Upper
83 100
85 65.5 51.5 77.3

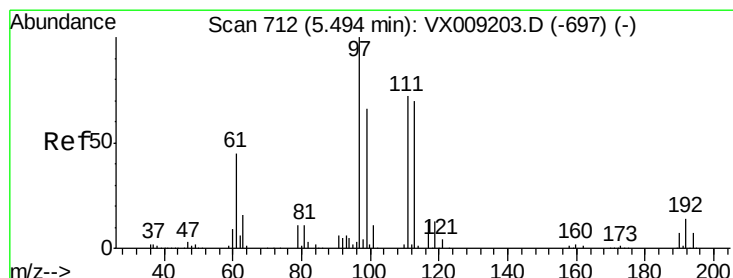
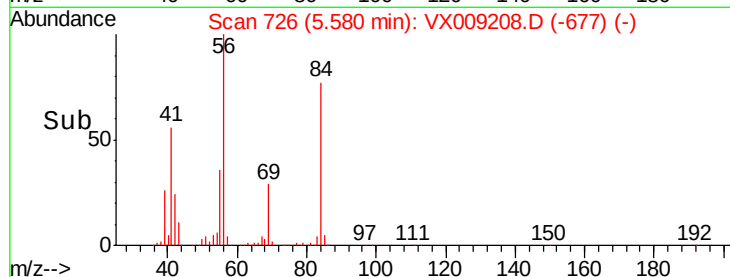
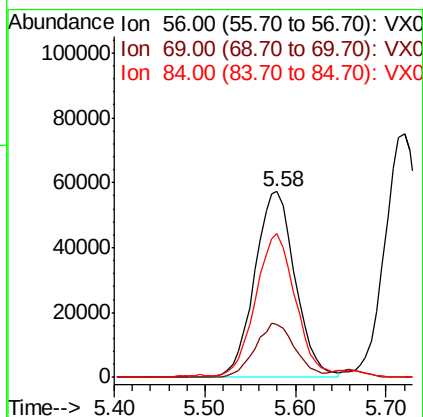
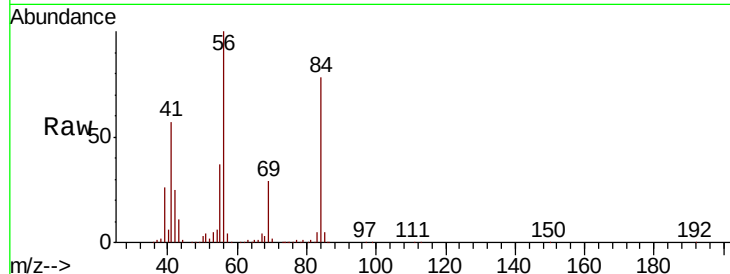




#31
Cyclohexane
Concen: 48.798 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

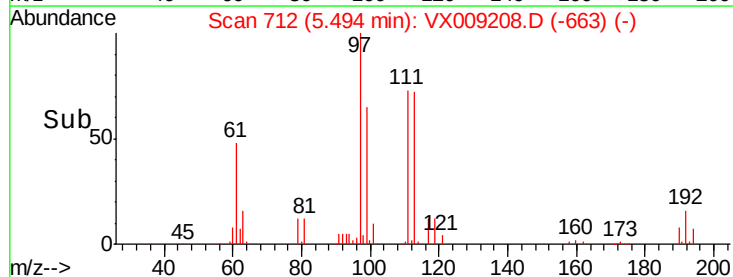
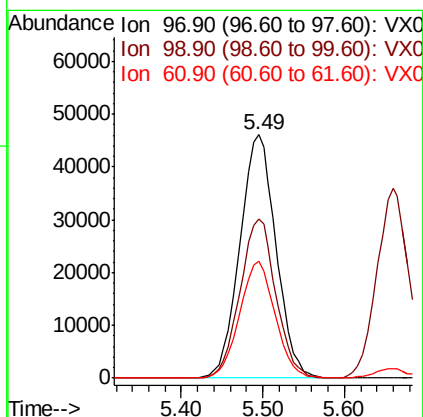
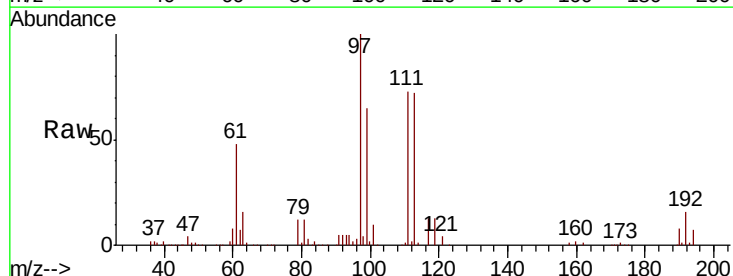
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

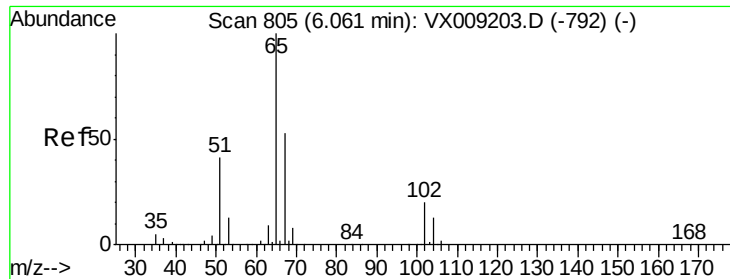
Tgt Ion: 56 Resp: 177222
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.0
84 76.4 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 48.170 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 97 Resp: 141574
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 47.5 37.8 56.8

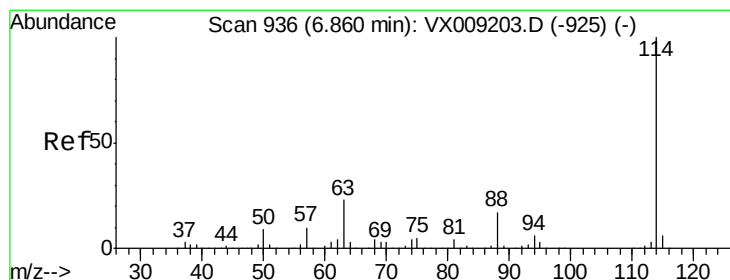
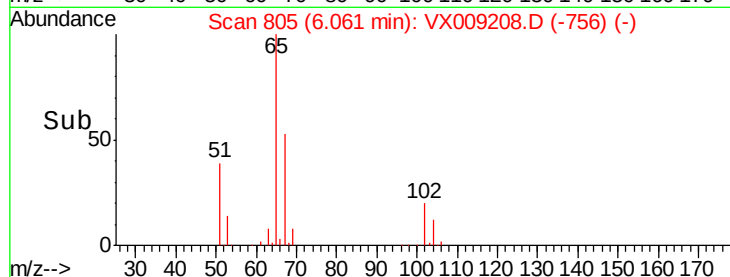
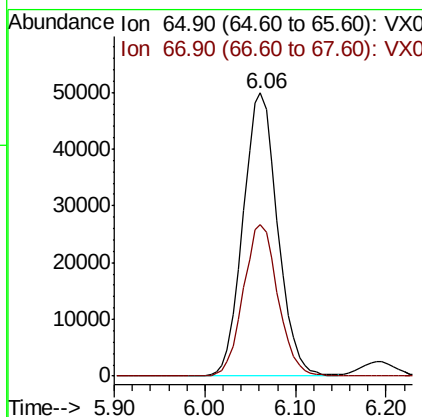
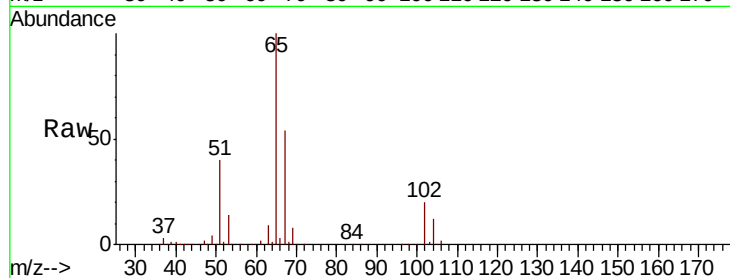




#33
 1,2-Dichloroethane-d4
 Concen: 53.543 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

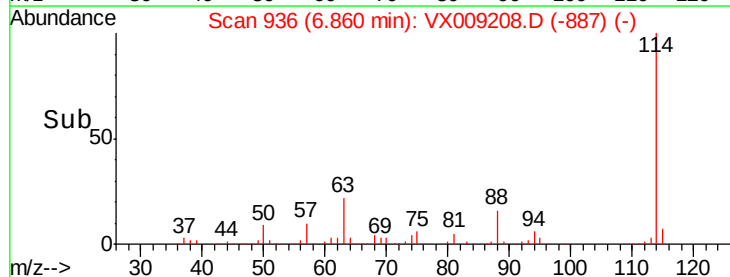
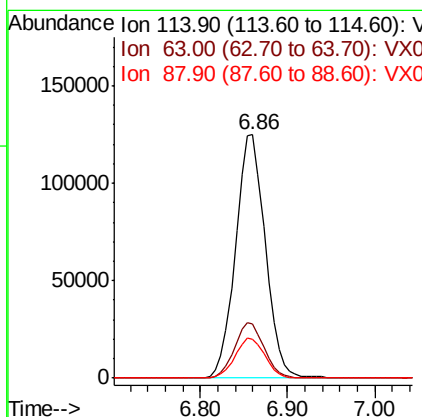
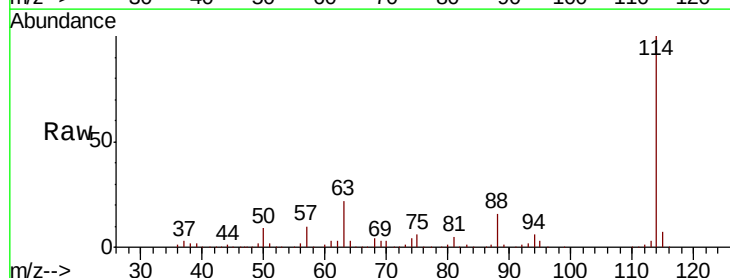
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

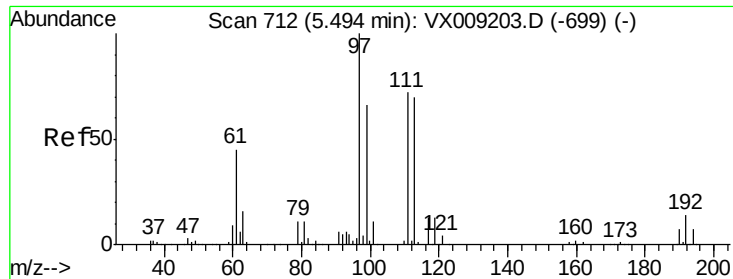
Tgt Ion: 65 Resp: 131528
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 114 Resp: 295781
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.6
 88 15.9 0.0 33.2

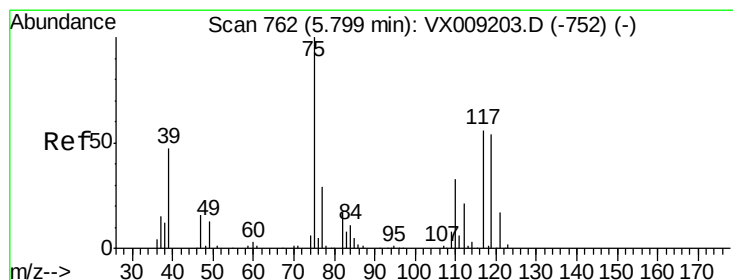
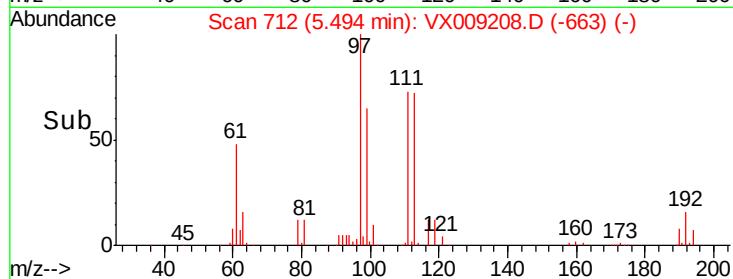
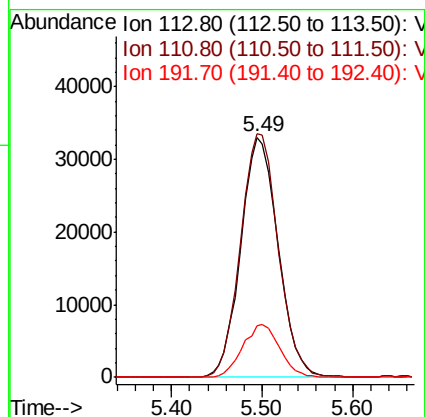
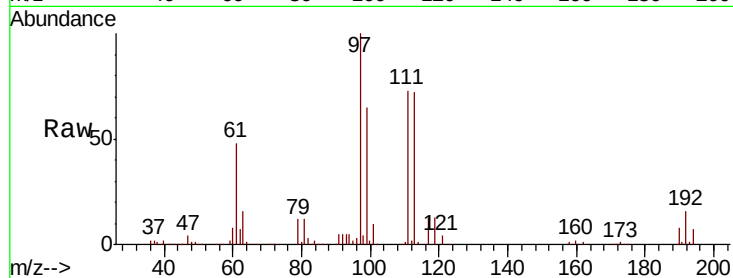




#35
 Dibromofluoromethane
 Concen: 50.709 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

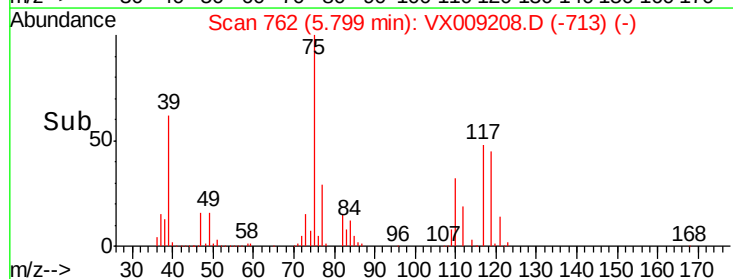
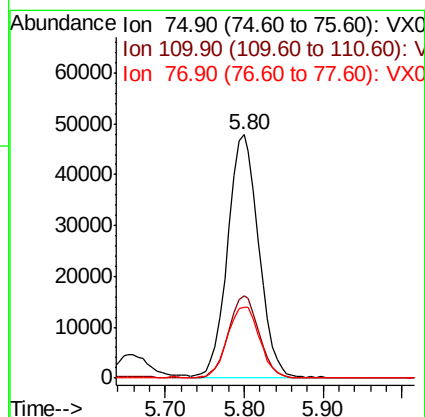
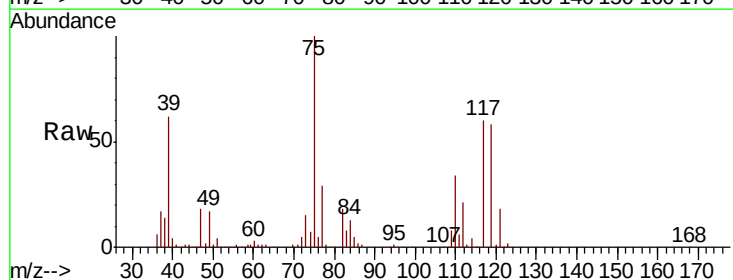
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

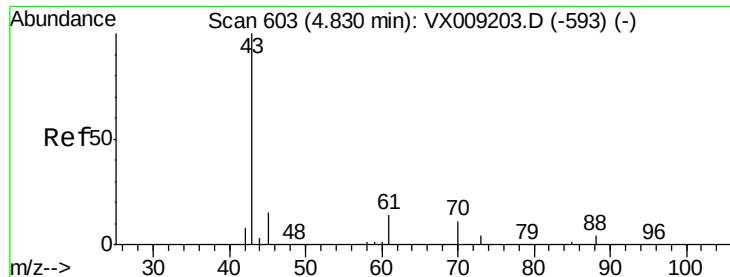
Tgt Ion:113 Resp: 94288
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 47.695 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 75 Resp: 131102
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.9 50.6
 77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 53.692 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

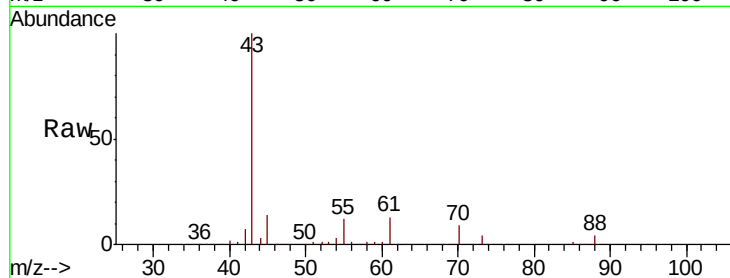
Tgt Ion: 43 Resp: 205631

Ion Ratio Lower Upper

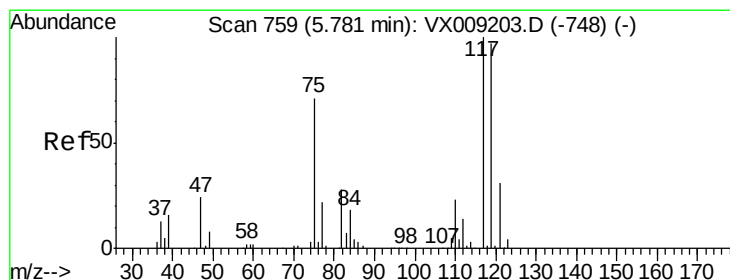
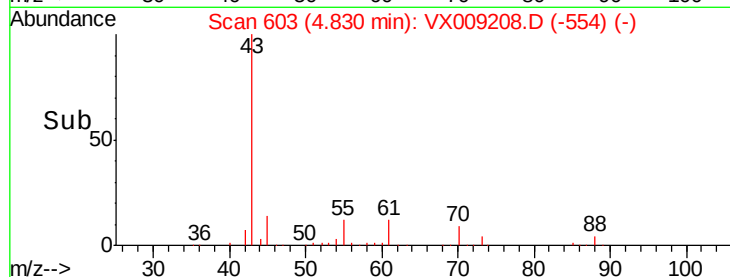
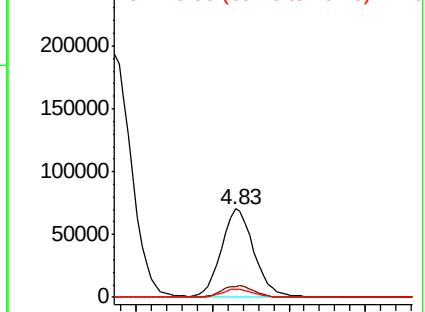
43 100

61 13.1 10.5 15.7

70 9.6 7.9 11.9



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



#38

Carbon Tetrachloride

Concen: 47.190 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

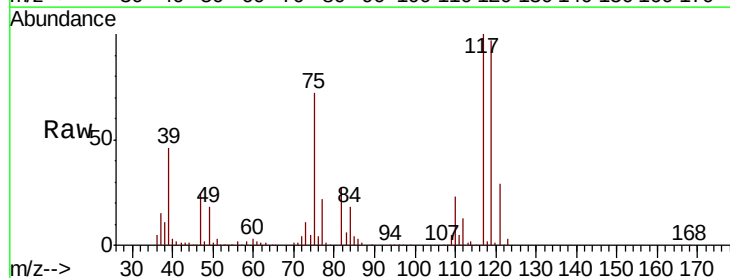
Tgt Ion: 117 Resp: 117852

Ion Ratio Lower Upper

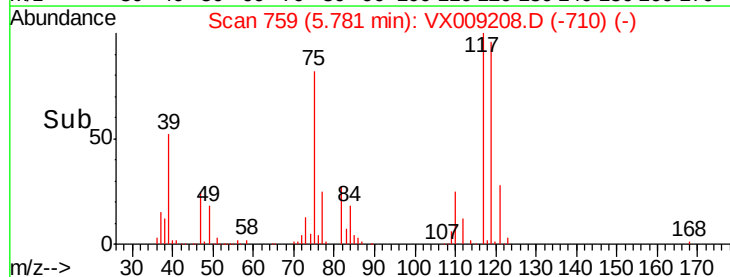
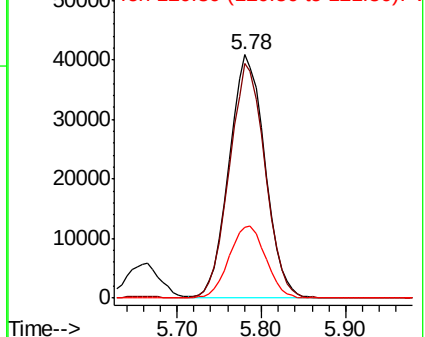
117 100

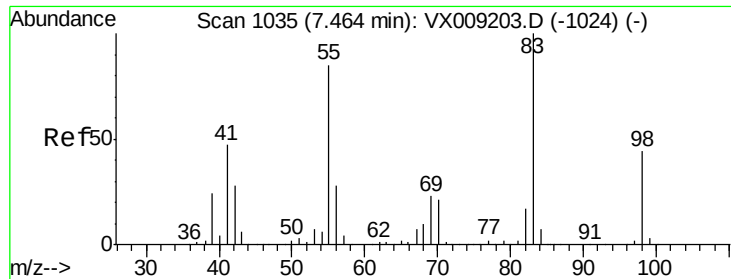
119 96.7 77.5 116.3

121 29.1 24.7 37.1



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

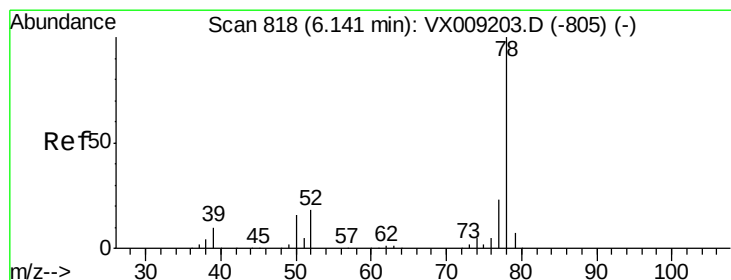
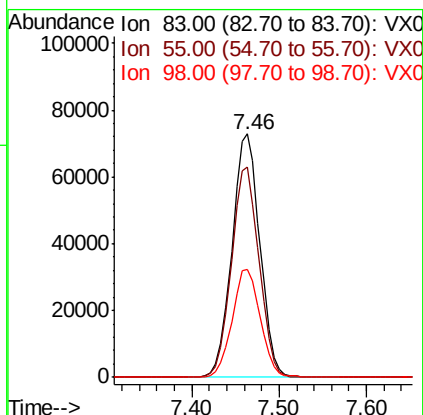
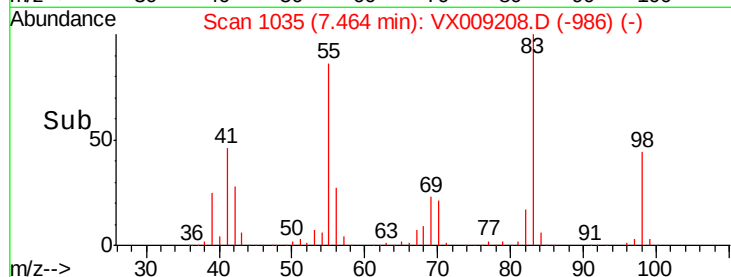
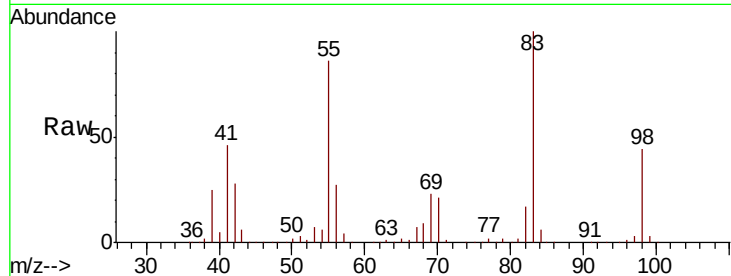




#39
Methylcyclohexane
Concen: 47.760 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

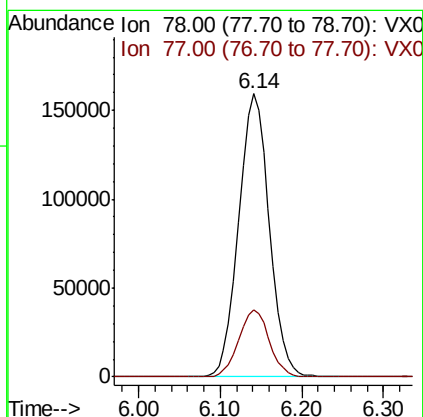
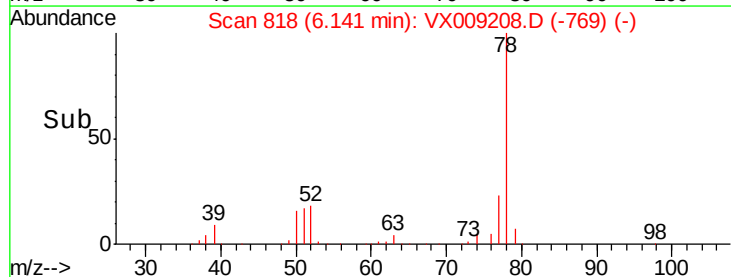
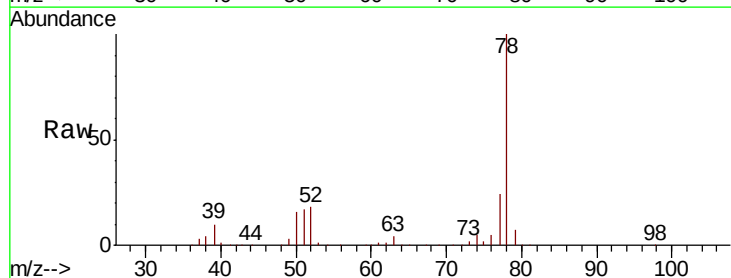
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

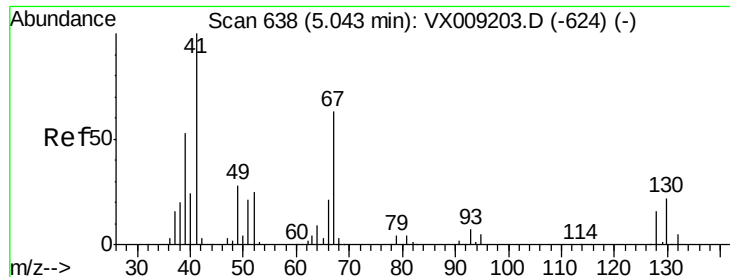
Tgt Ion: 83 Resp: 161225
Ion Ratio Lower Upper
83 100
55 86.3 67.7 101.5
98 44.4 35.5 53.3



#40
Benzene
Concen: 48.729 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 78 Resp: 414534
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

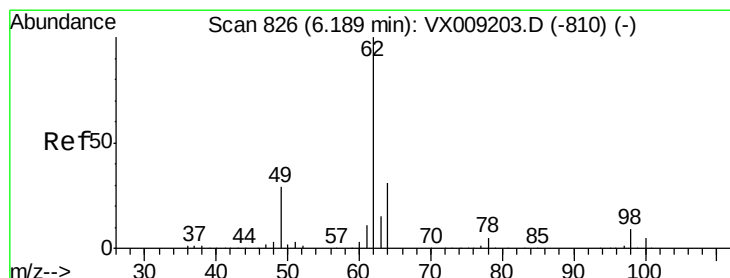
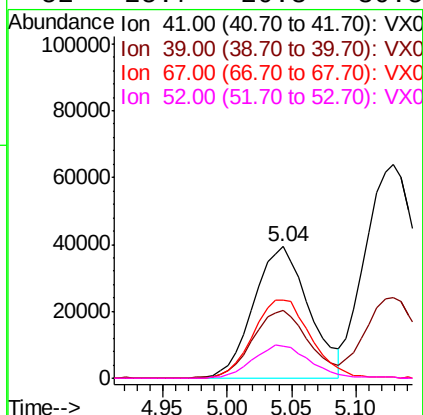
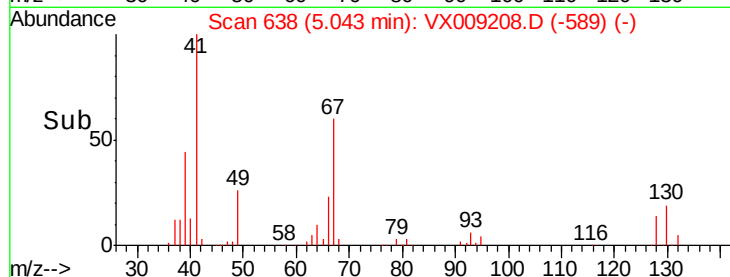
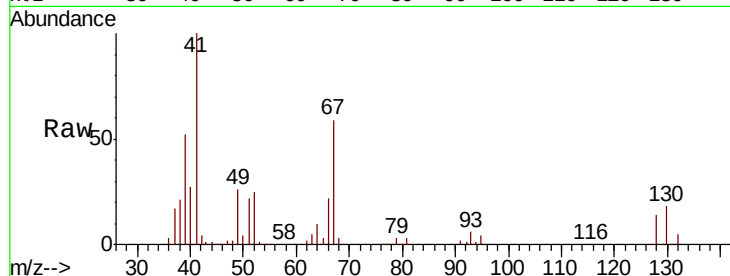




#41
Methacrylonitrile
Concen: 51.386 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

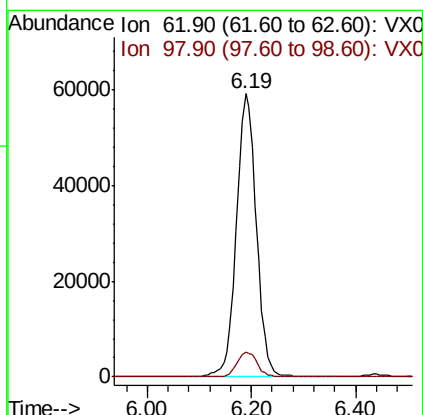
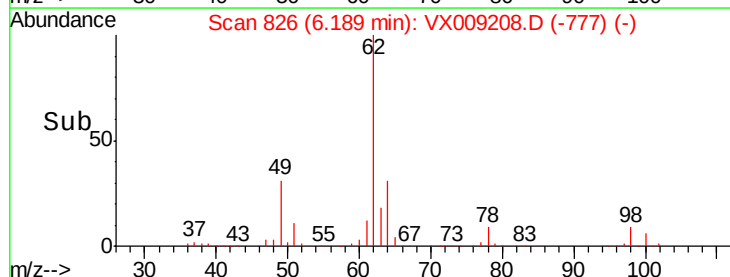
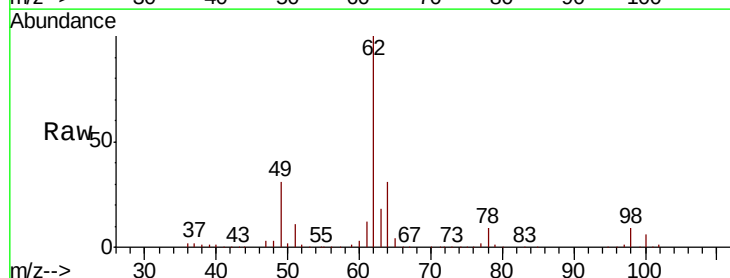
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

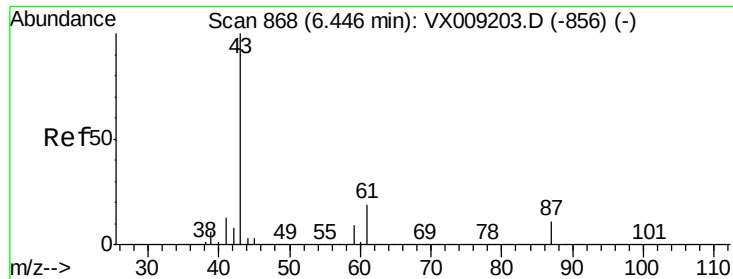
Tgt Ion:	41	Resp:	117148
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.0	63.0
67	62.3	49.8	74.8
52	25.7	20.3	30.5



#42
1,2-Dichloroethane
Concen: 51.403 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion:	62	Resp:	156858
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 53.578 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

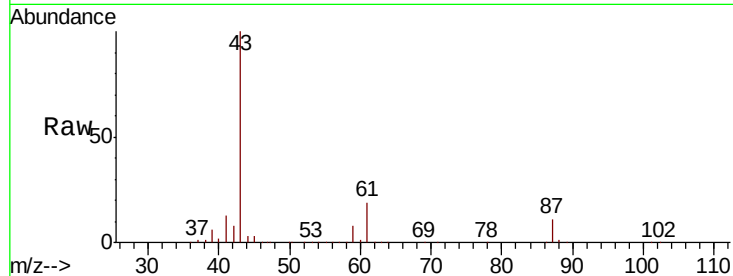
Tgt Ion: 43 Resp: 328219

Ion Ratio Lower Upper

43 100

61 19.1 15.1 22.7

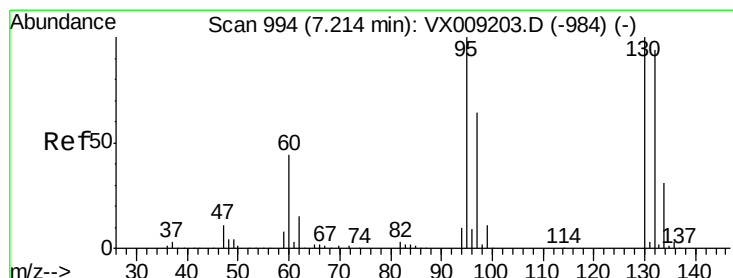
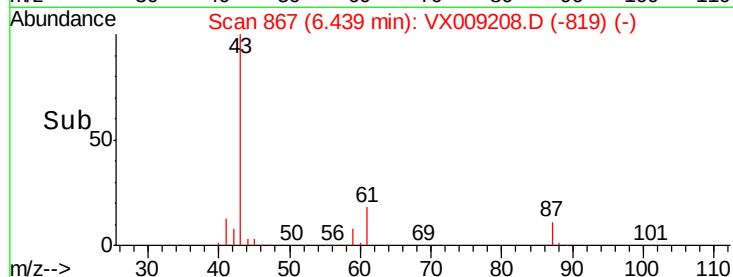
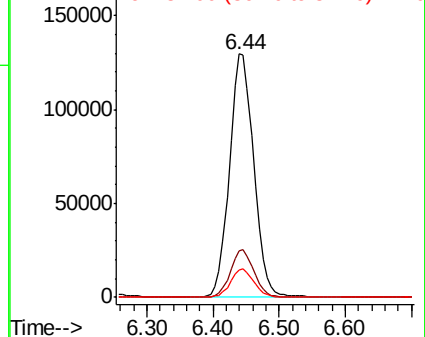
87 11.4 9.0 13.6



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: 47.028 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009208.D

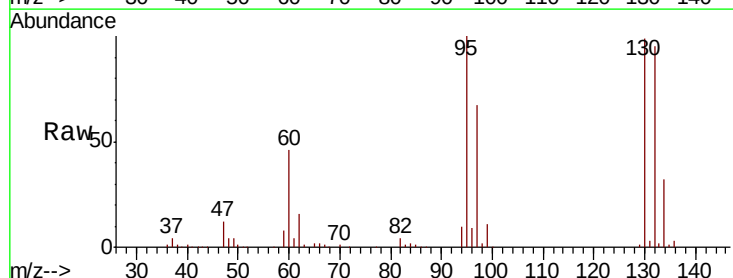
Acq: 29 Apr 2019 15:25

Tgt Ion: 130 Resp: 96716

Ion Ratio Lower Upper

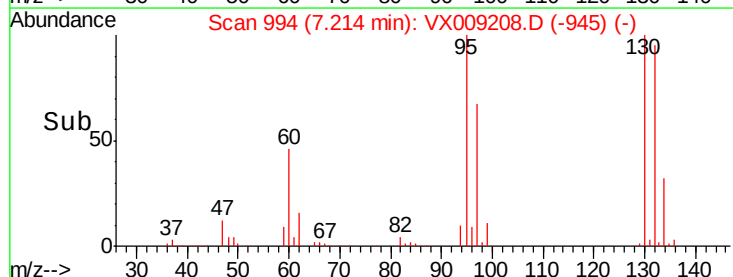
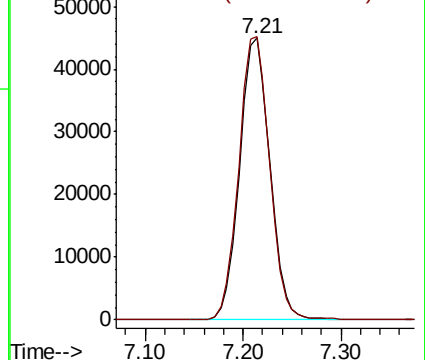
130 100

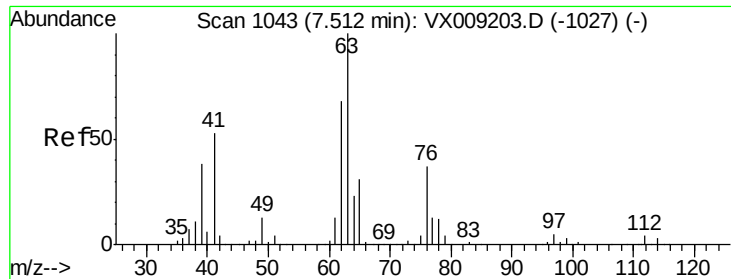
95 100.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

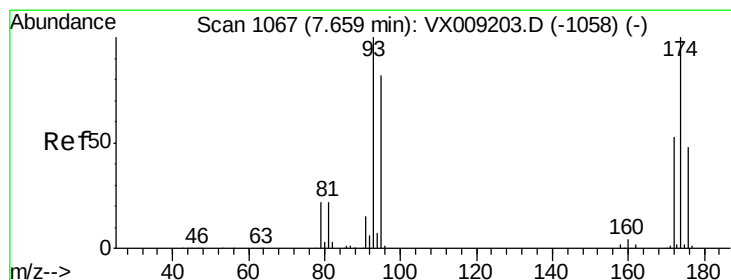
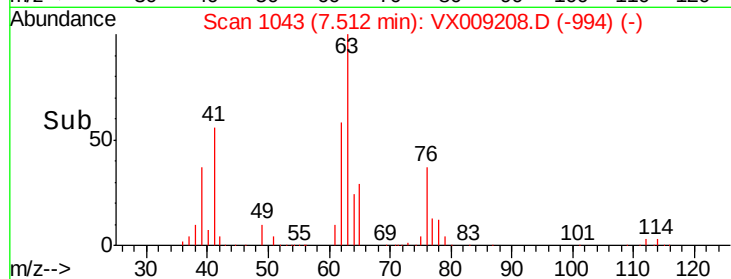
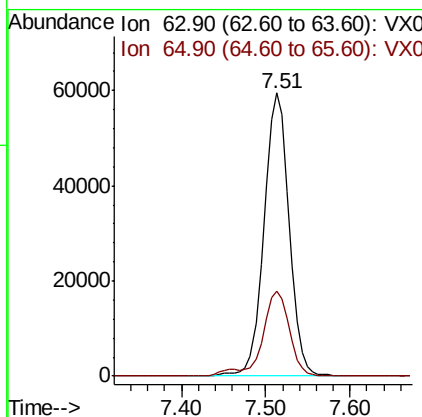
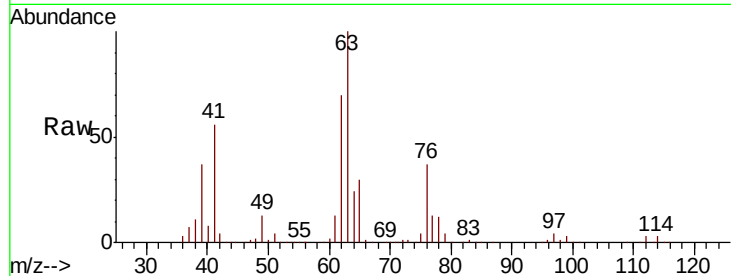




#45
 1,2-Dichloropropane
 Concen: 50.955 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

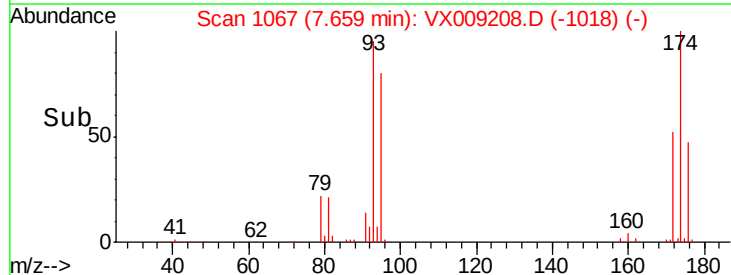
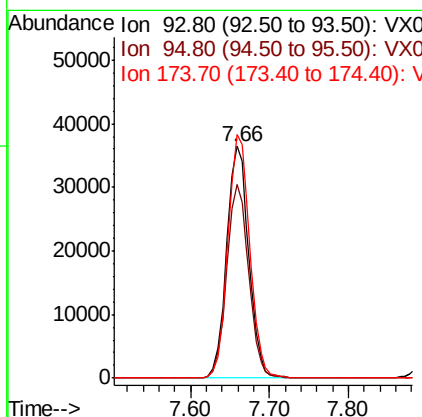
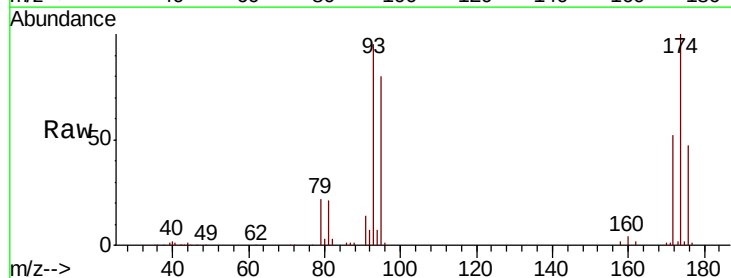
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

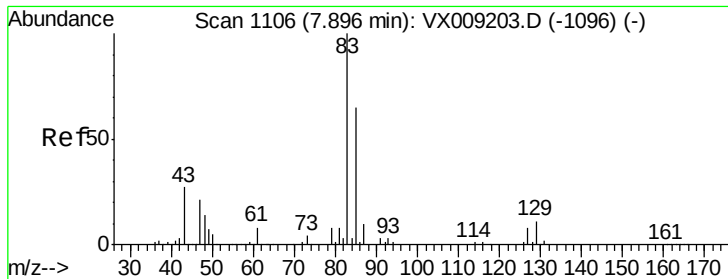
Tgt Ion: 63 Resp: 122740
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 50.895 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 93 Resp: 71192
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 104.2 82.1 123.1





#47

Bromodichloromethane

Concen: 50.919 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

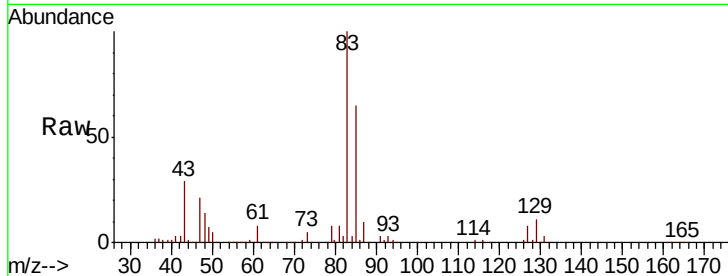
Tgt Ion: 83 Resp: 142077

Ion Ratio Lower Upper

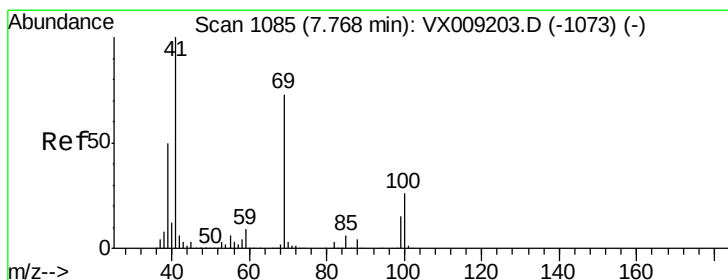
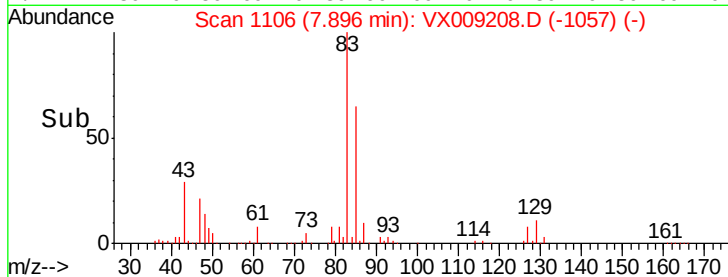
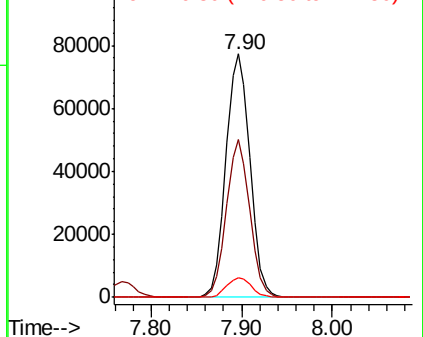
83 100

85 64.8 52.4 78.6

127 7.9 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: 53.688 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

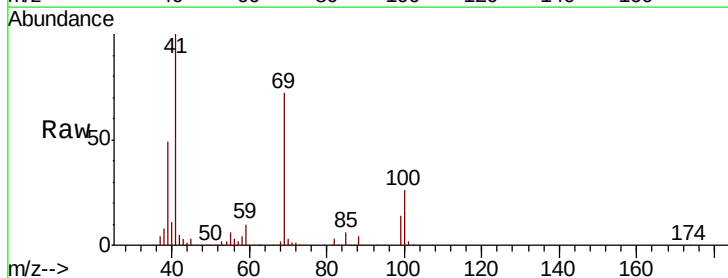
Tgt Ion: 41 Resp: 163172

Ion Ratio Lower Upper

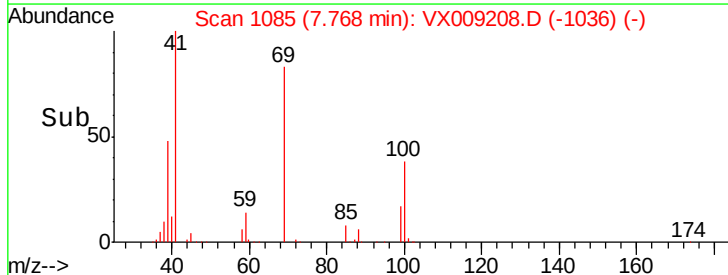
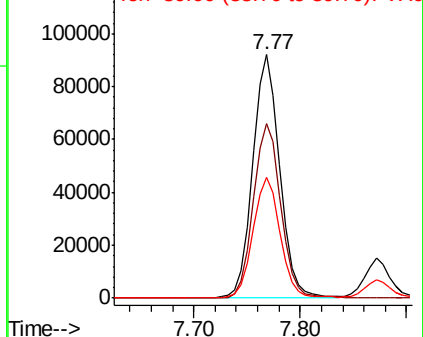
41 100

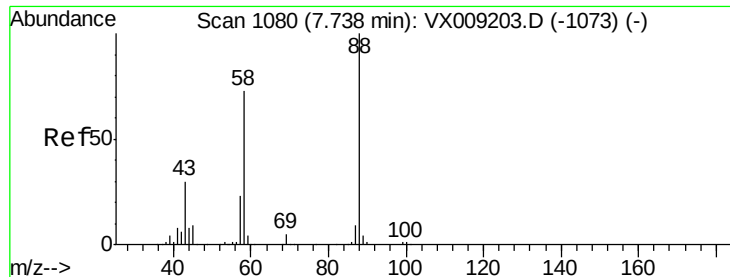
69 73.9 59.1 88.7

39 50.1 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

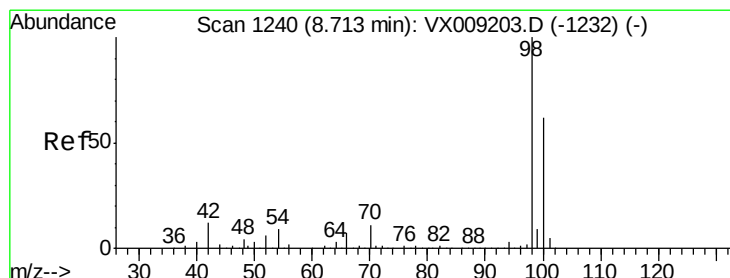
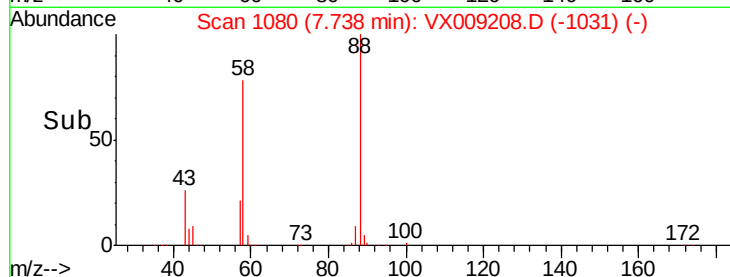
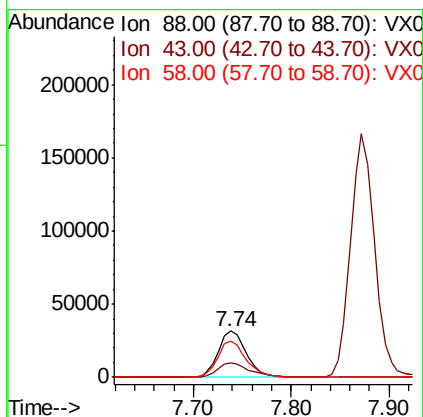
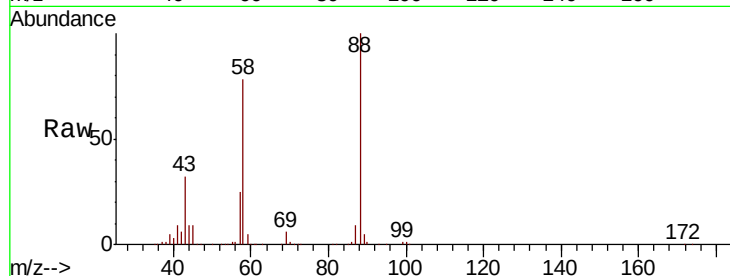




#49
1,4-Dioxane
Concen: 1030.057 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

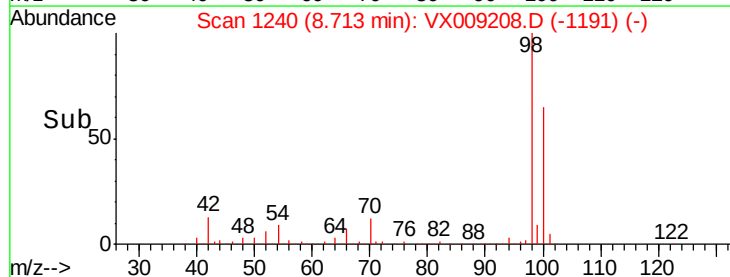
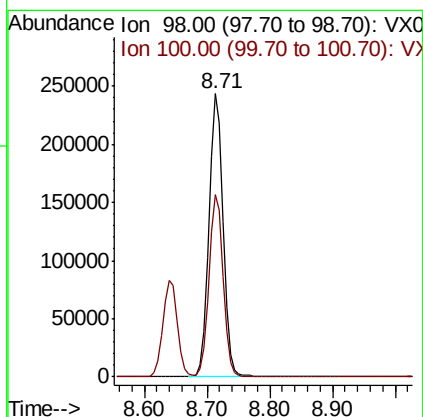
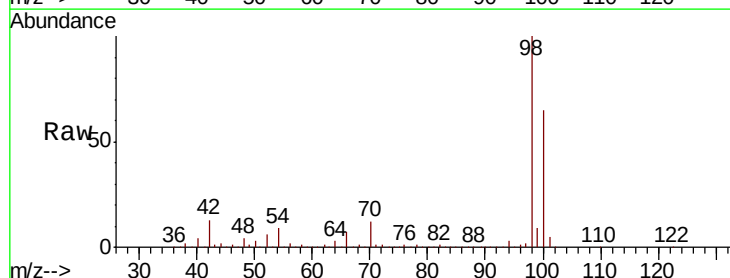
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

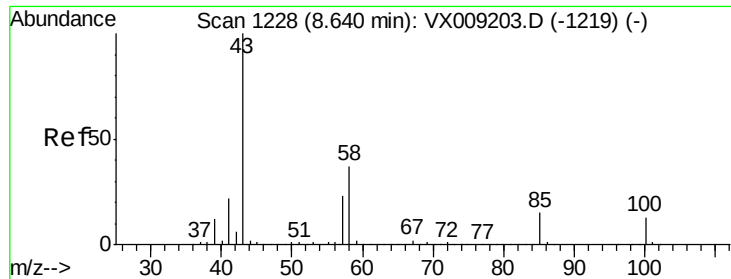
Tgt Ion: 88 Resp: 63488
Ion Ratio Lower Upper
88 100
43 35.9 28.6 42.8
58 79.9 61.7 92.5



#50
Toluene-d8
Concen: 50.549 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 98 Resp: 379467
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 265.580 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

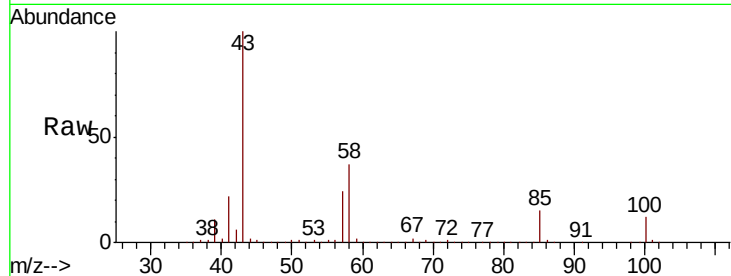
VSTDCCC050

Tgt Ion: 43 Resp: 1063399

Ion Ratio Lower Upper

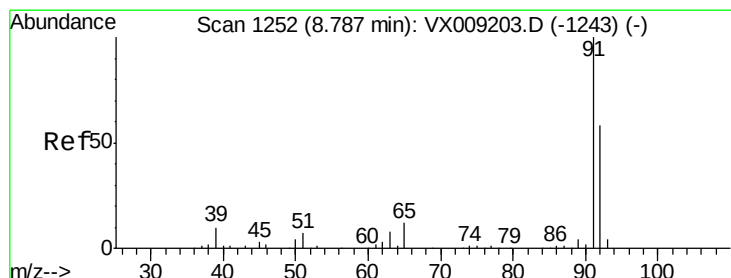
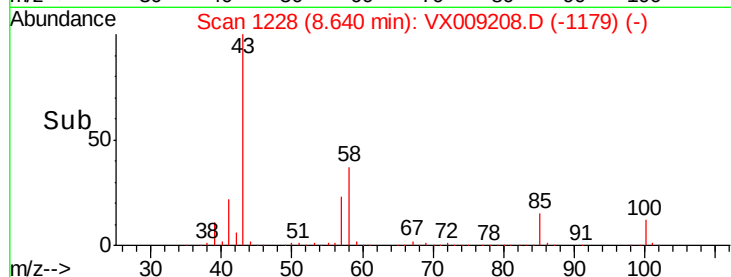
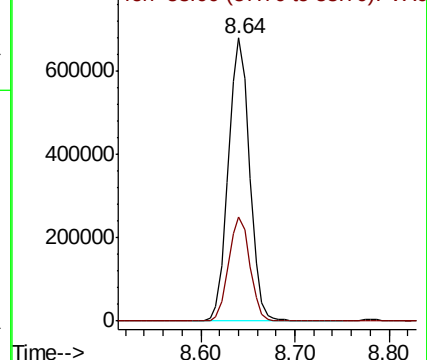
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.762 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009208.D

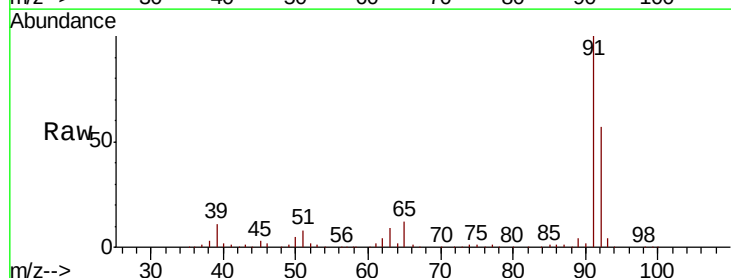
Acq: 29 Apr 2019 15:25

Tgt Ion: 92 Resp: 252150

Ion Ratio Lower Upper

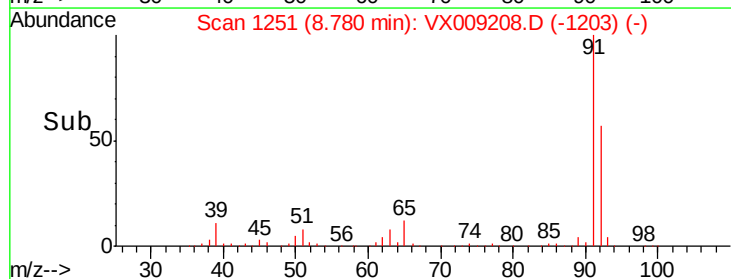
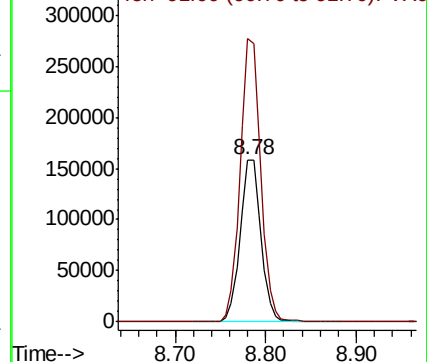
92 100

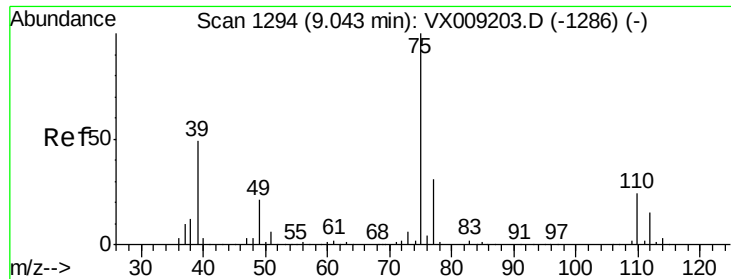
91 173.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.879 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

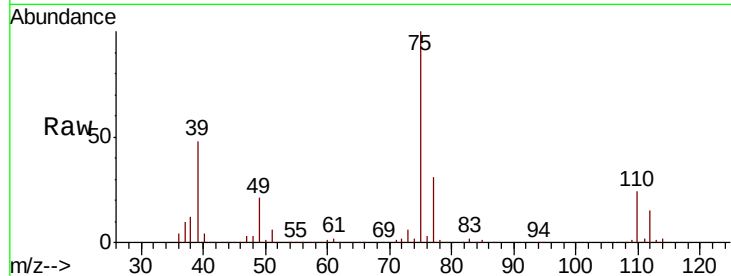
VSTDCCC050

Tgt Ion: 75 Resp: 169730

Ion Ratio Lower Upper

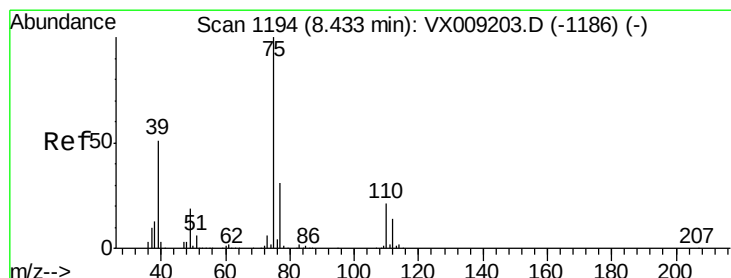
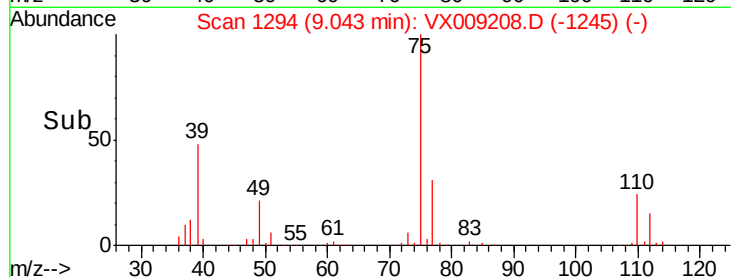
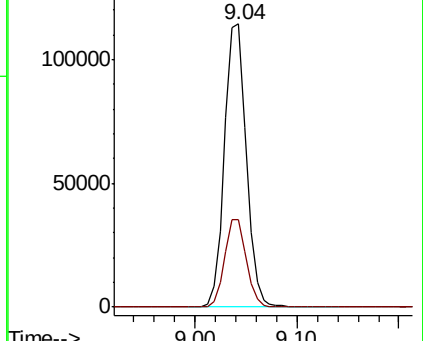
75 100

77 30.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.797 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

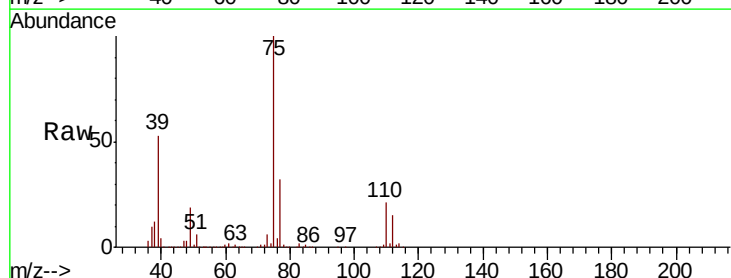
Tgt Ion: 75 Resp: 184093

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

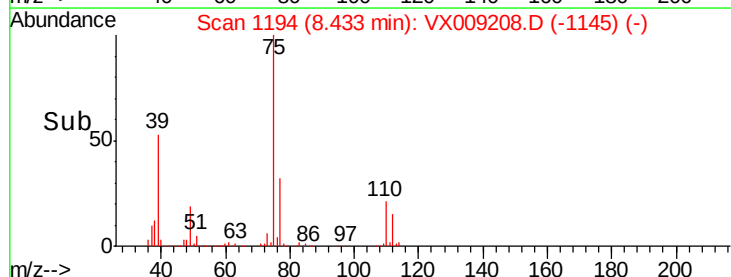
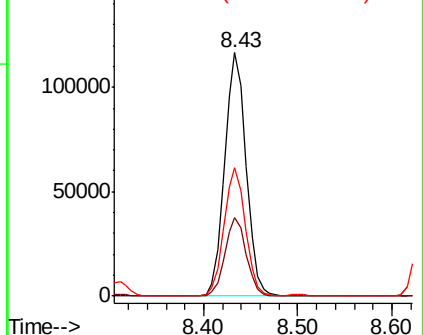
39 52.8 40.6 60.8

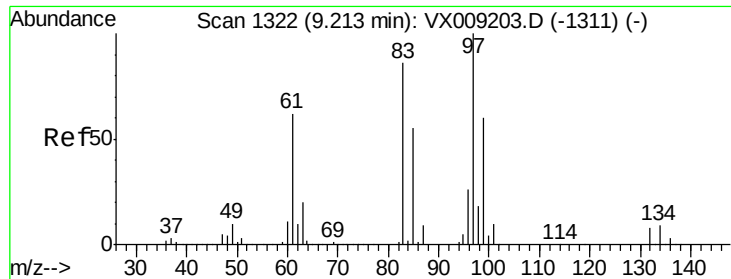


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

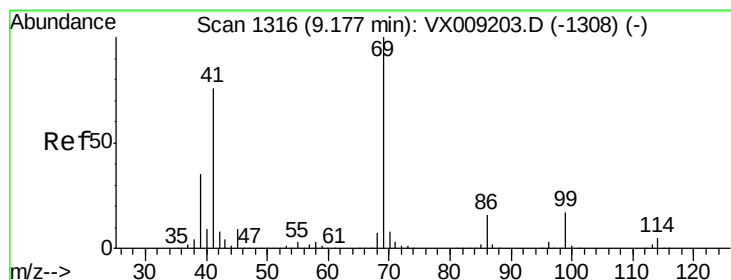
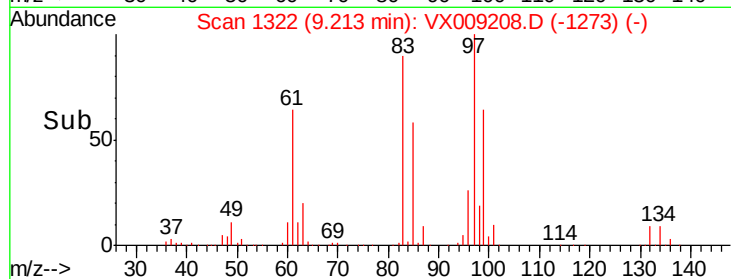
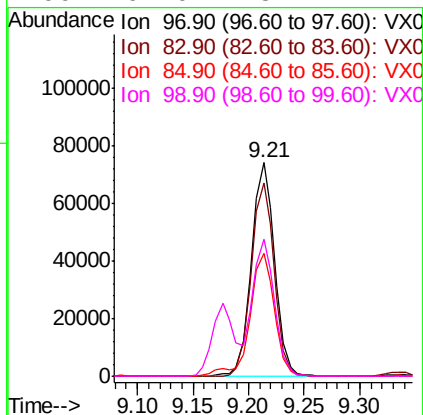
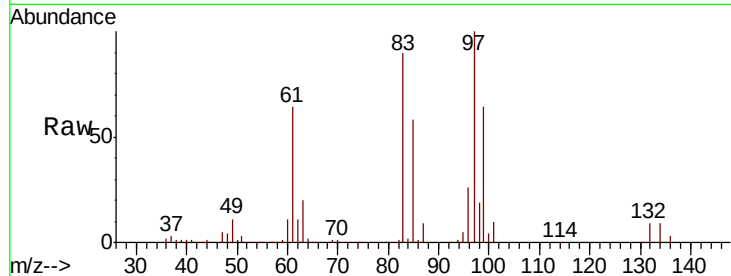




#55
 1,1,2-Trichloroethane
 Concen: 50.916 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

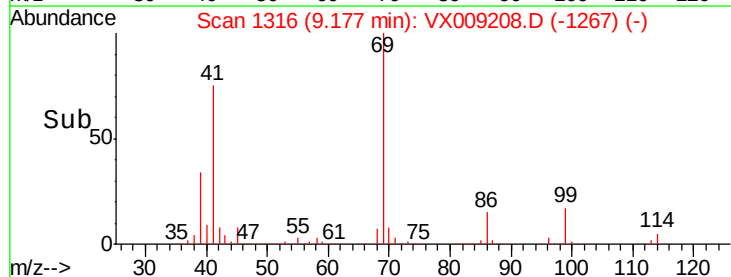
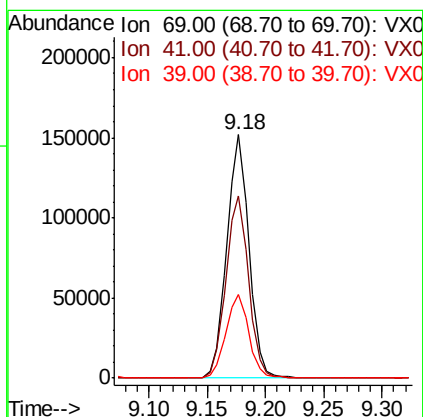
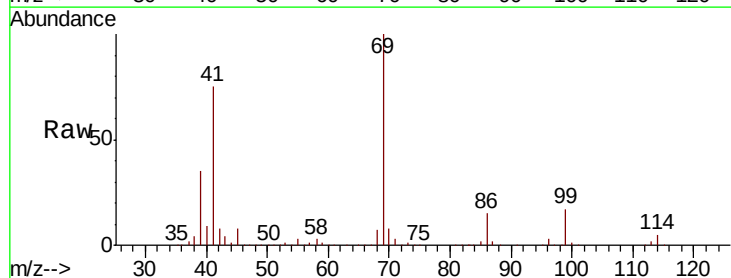
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

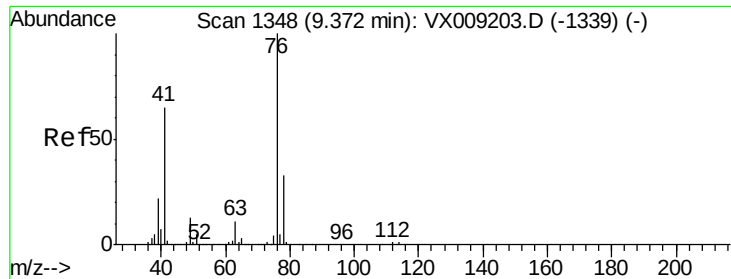
Tgt Ion:	97	Resp:	107415
Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.9	103.3
85	57.7	43.8	65.6
99	64.0	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 53.509 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion:	69	Resp:	201506
Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.6	90.8
39	35.3	28.2	42.4

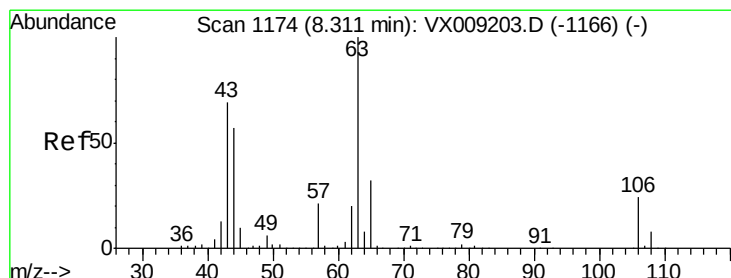
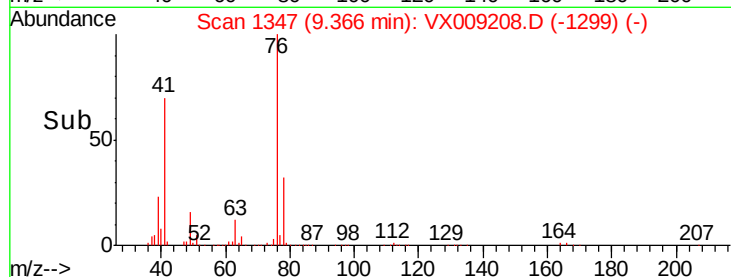
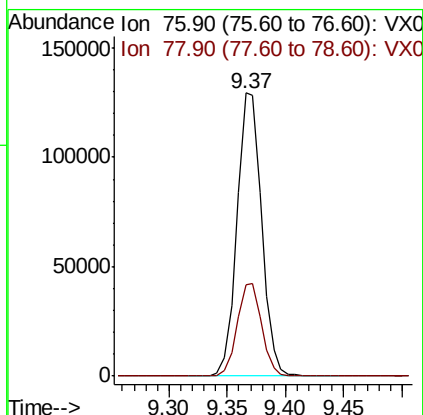
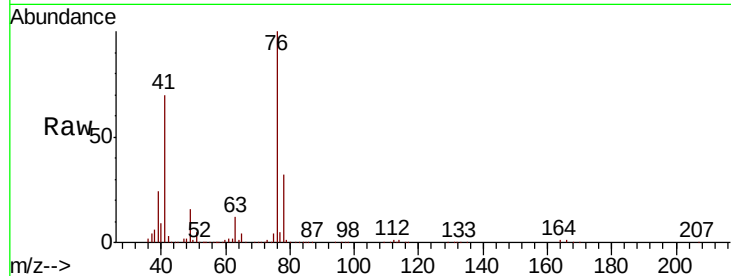




#57
 1,3-Dichloropropane
 Concen: 51.431 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

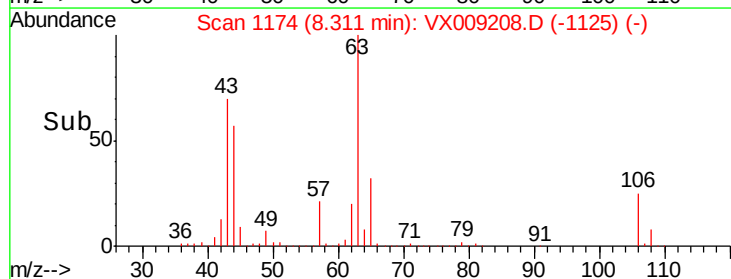
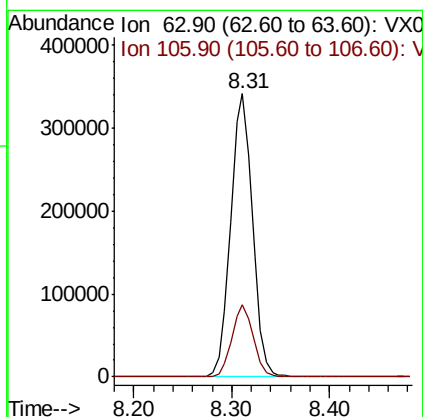
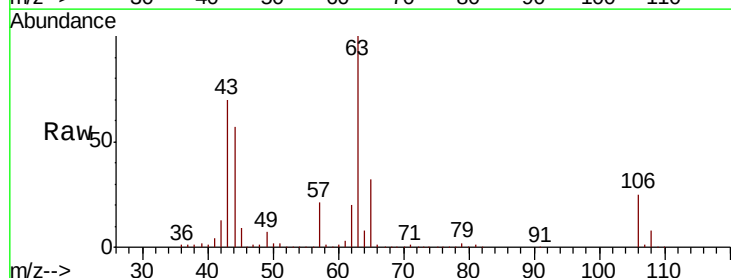
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

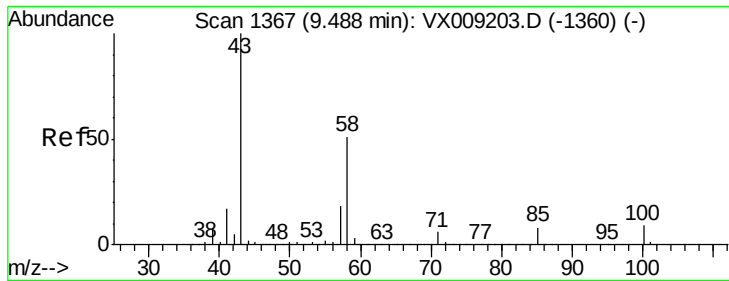
Tgt Ion: 76 Resp: 190935
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.461 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 63 Resp: 528334
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.7 29.5

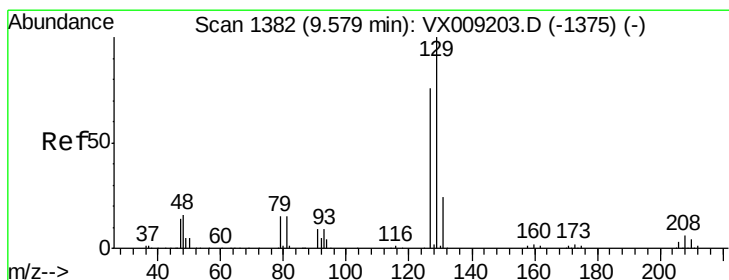
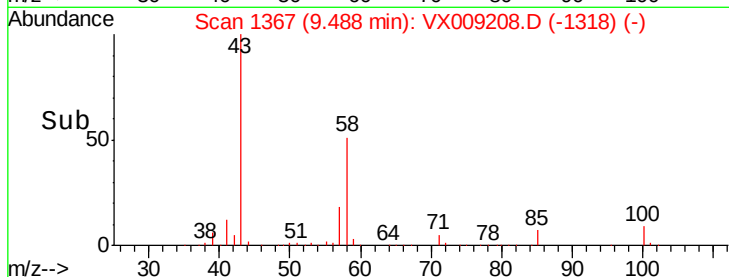
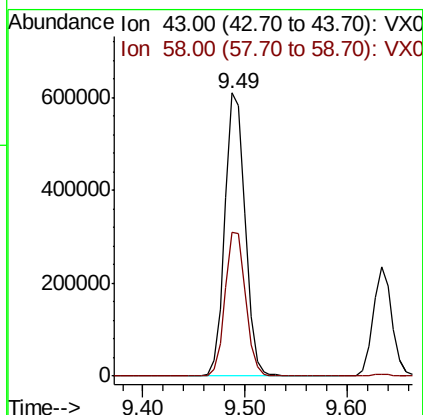
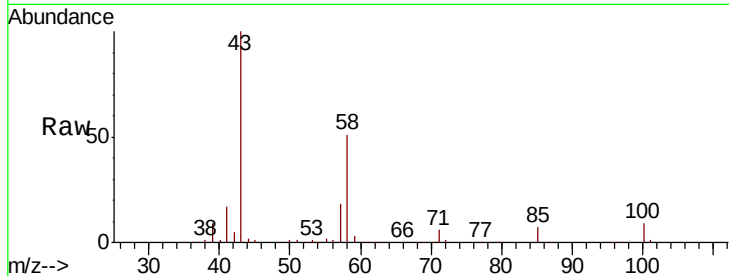




#59
2-Hexanone
Concen: 267.029 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

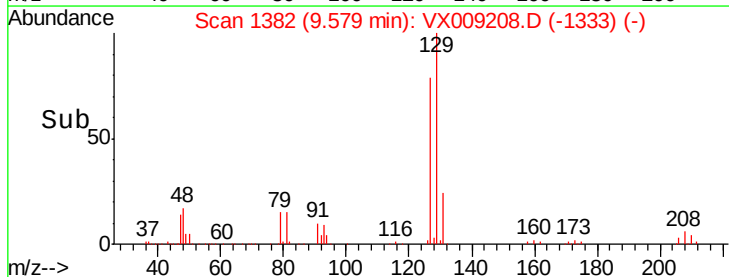
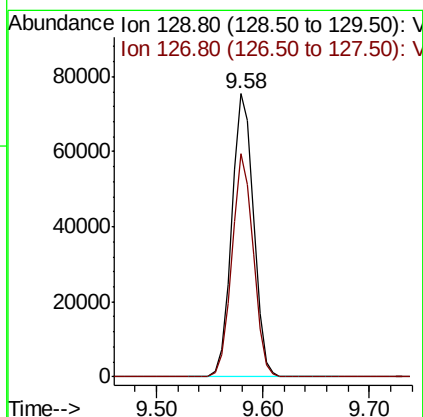
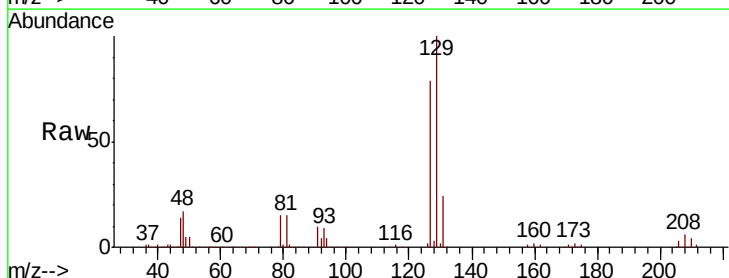
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

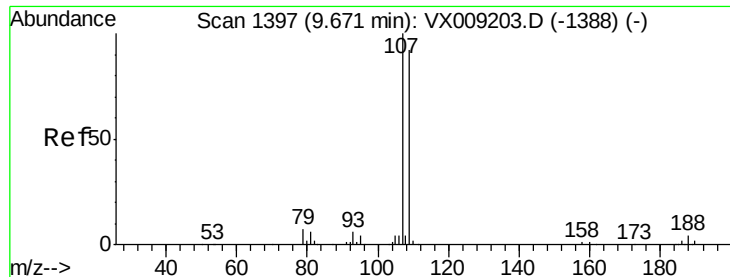
Tgt Ion: 43 Resp: 839736
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 52.904 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 129 Resp: 109007
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

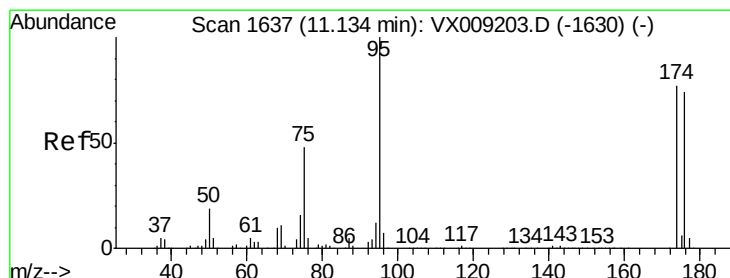
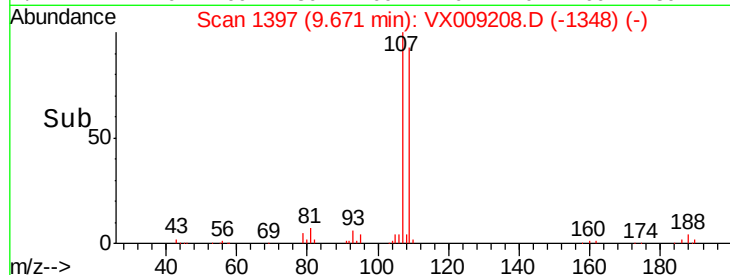
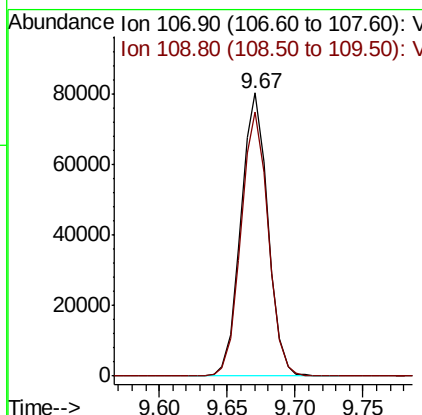
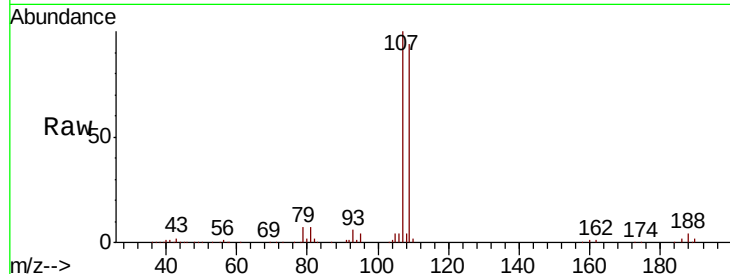




#61
 1,2-Dibromoethane
 Concen: 52.180 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

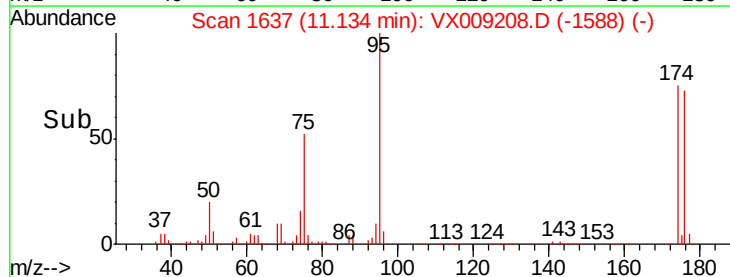
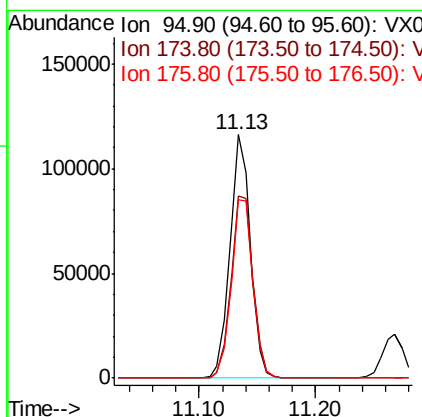
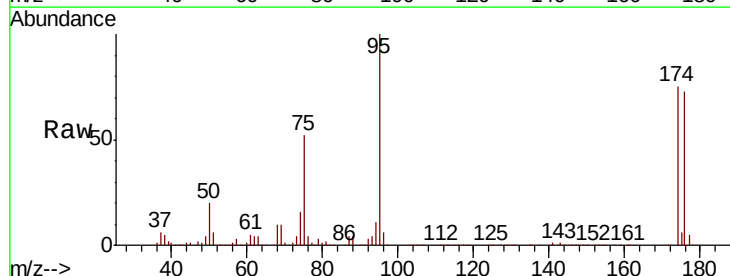
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

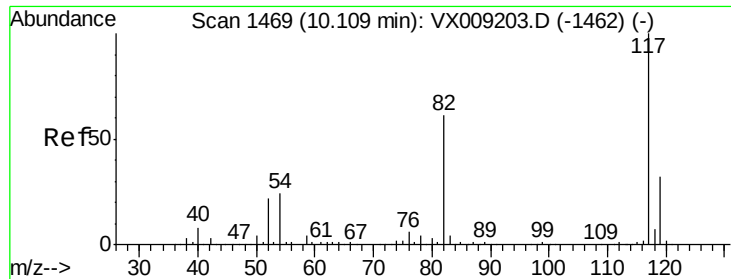
Tgt Ion: 107 Resp: 111121
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 51.953 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 95 Resp: 141712
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 161.6
 176 77.7 0.0 159.2

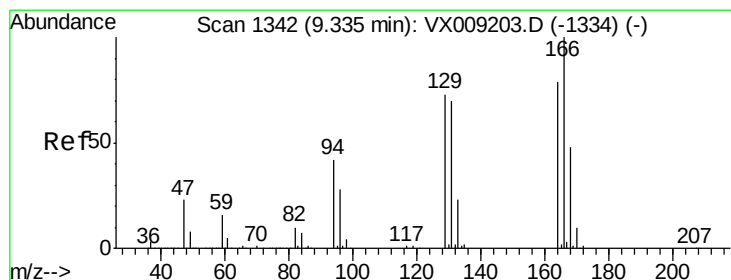
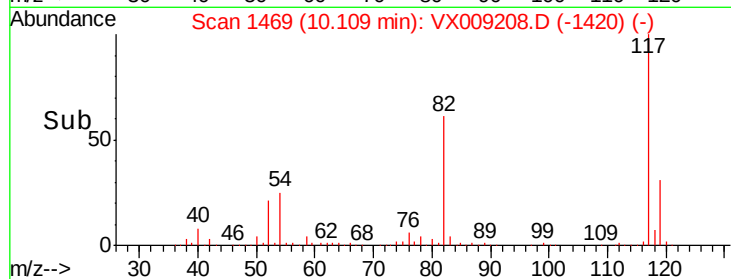
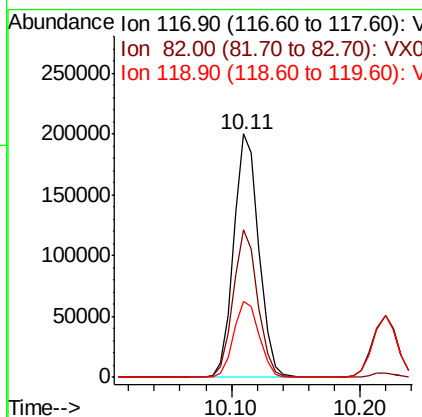
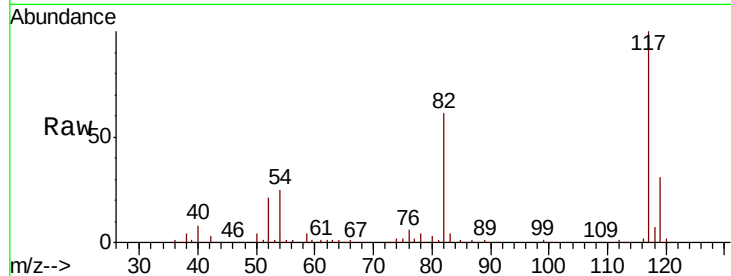




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

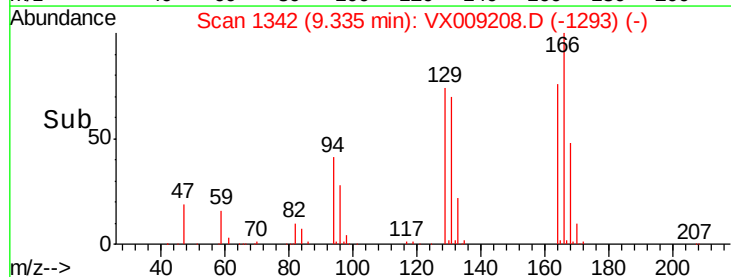
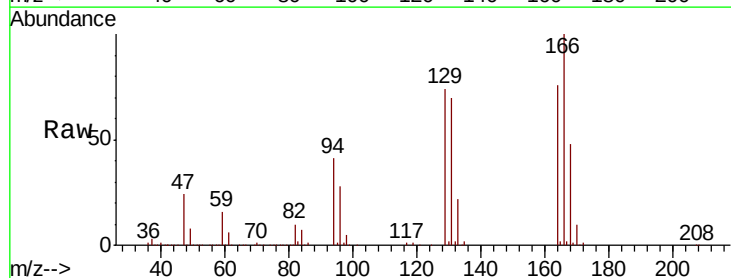
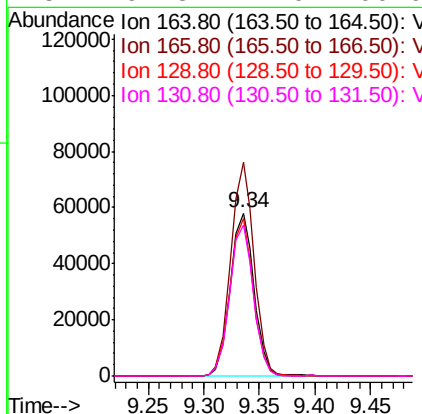
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

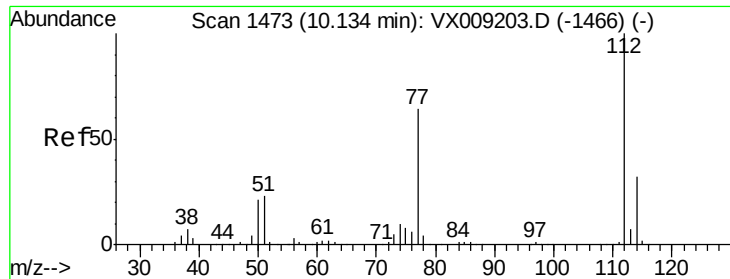
Tgt Ion:117 Resp: 271997
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 46.019 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion:164 Resp: 85862
Ion Ratio Lower Upper
164 100
166 131.0 101.2 151.8
129 96.5 74.3 111.5
131 92.3 71.0 106.6

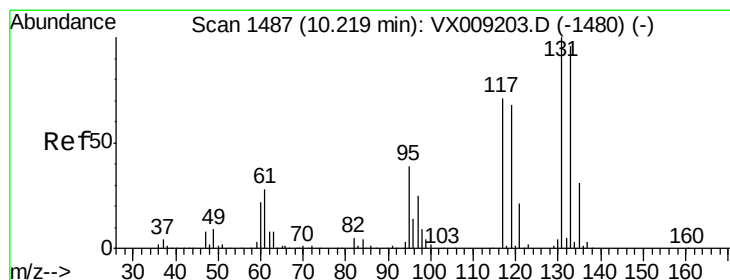
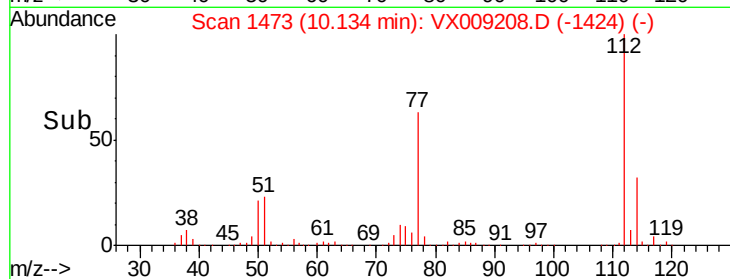
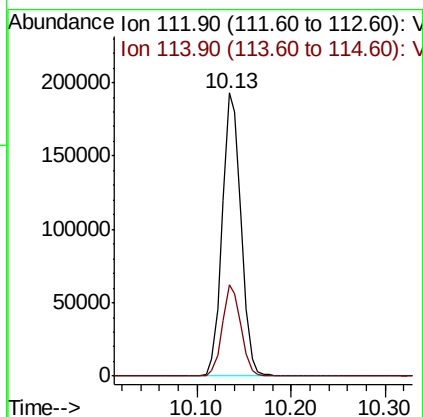
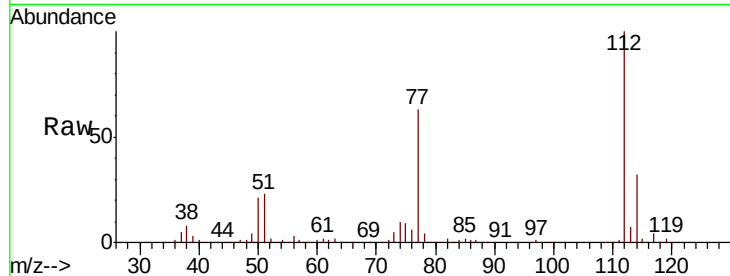




#65
Chlorobenzene
Concen: 48.736 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

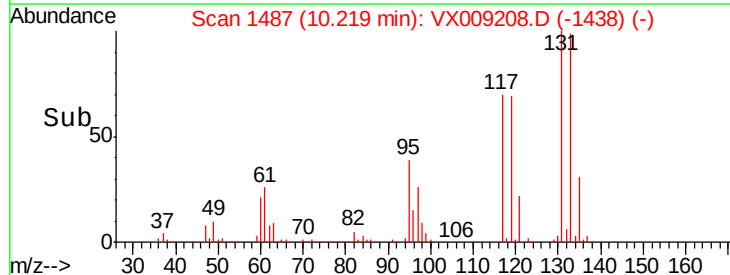
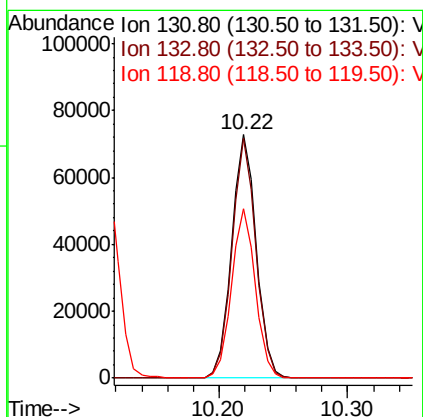
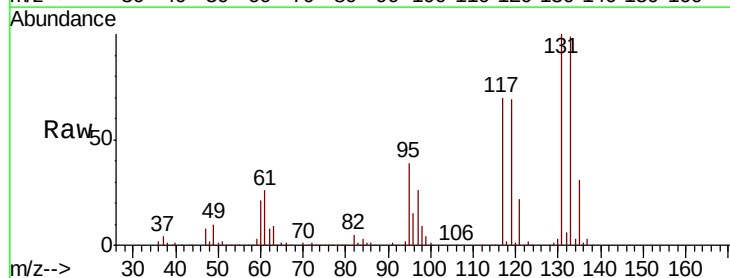
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

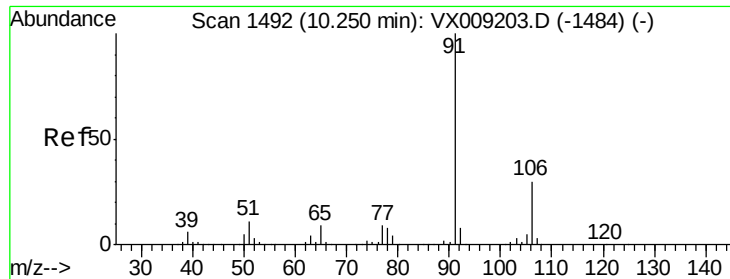
Tgt Ion:112 Resp: 265178
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.203 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion:131 Resp: 97061
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 67.9 33.5 100.4

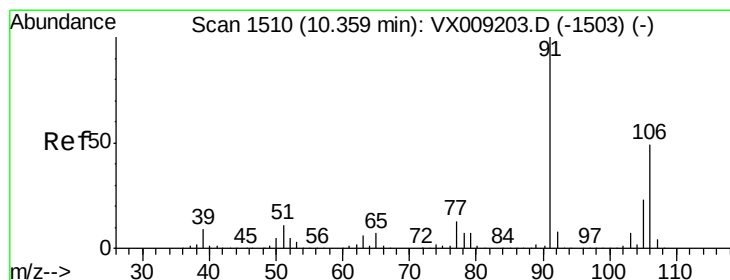
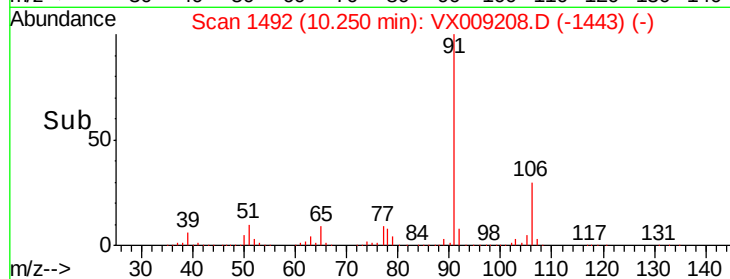
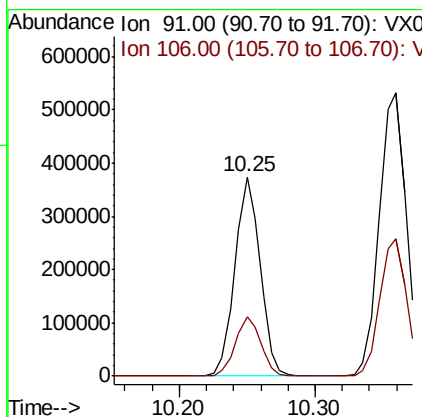
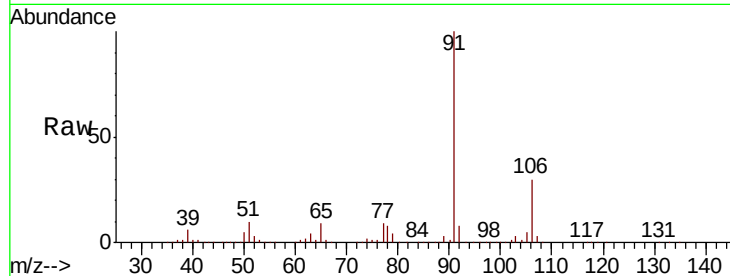




#67
Ethyl Benzene
Concen: 48.167 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

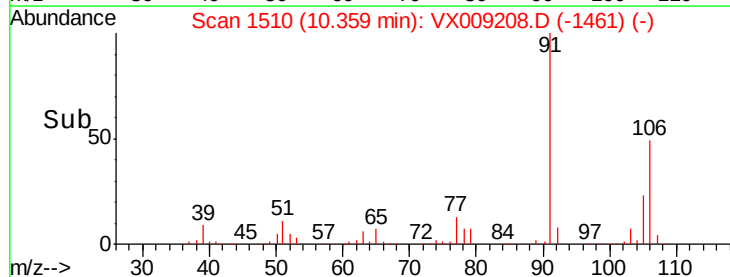
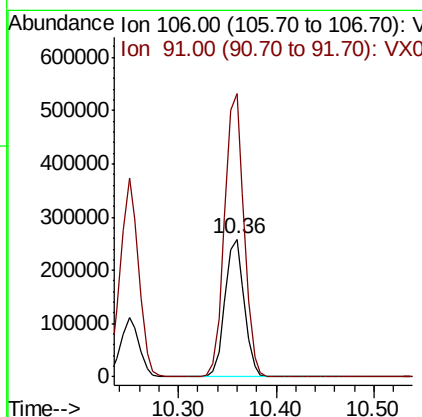
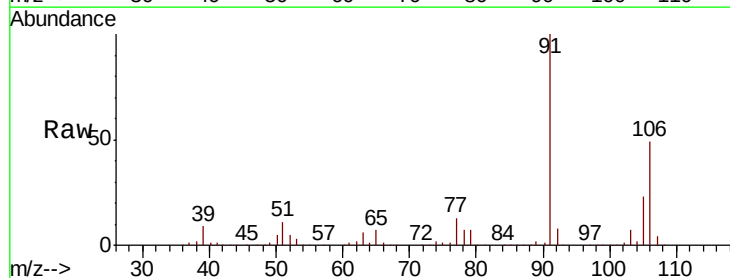
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

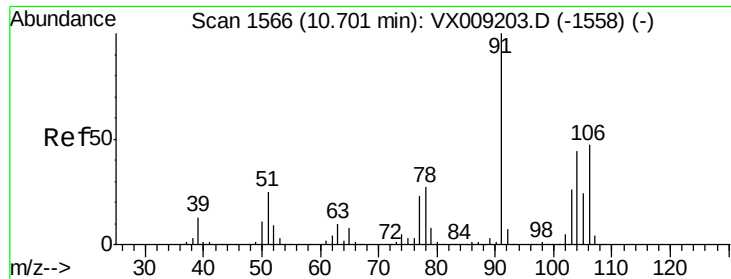
Tgt Ion: 91 Resp: 482340
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 96.370 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 106 Resp: 352652
Ion Ratio Lower Upper
106 100
91 208.0 164.0 246.0

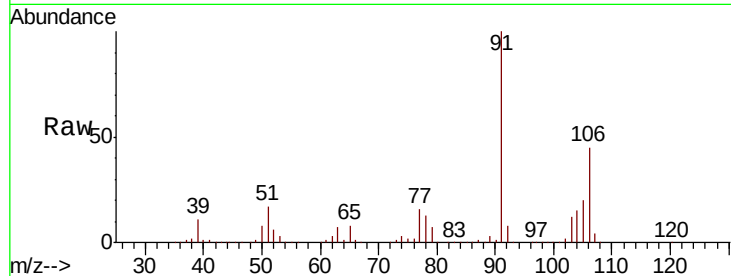




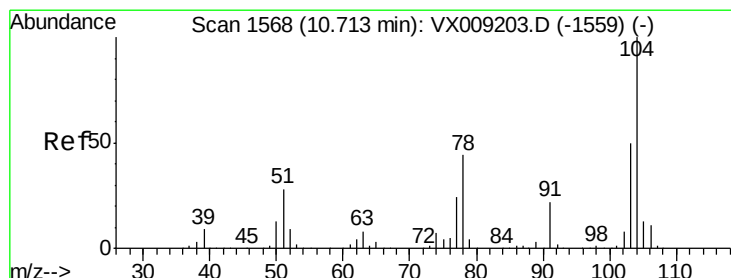
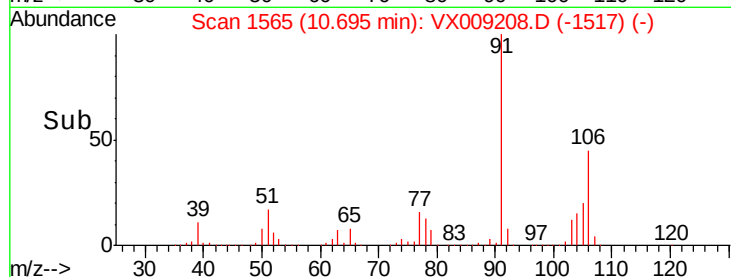
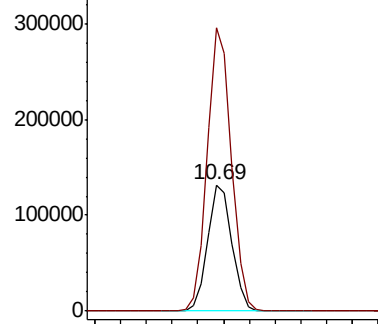
#69
o-Xylene
Concen: 48.025 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 173393
Ion Ratio Lower Upper
106 100
91 222.1 109.5 328.4

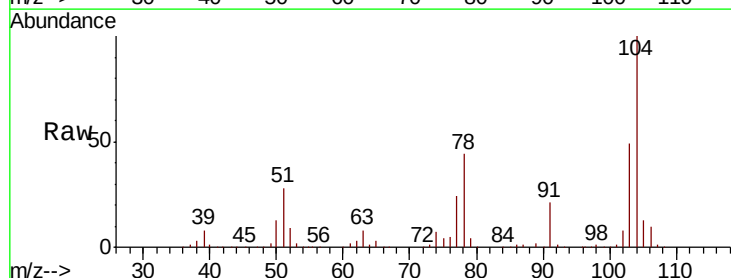


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

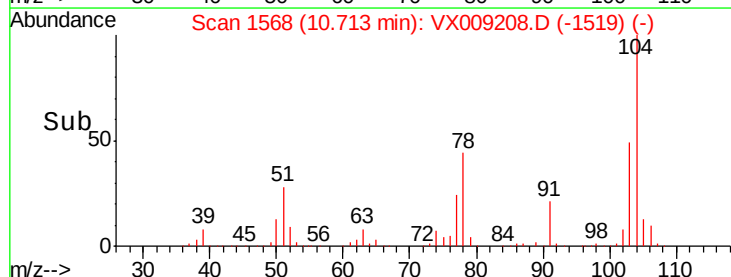
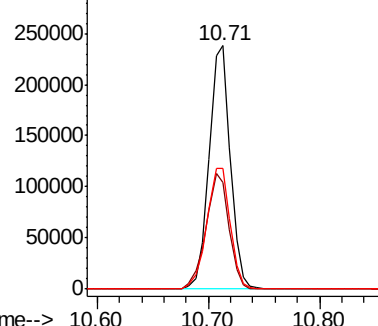


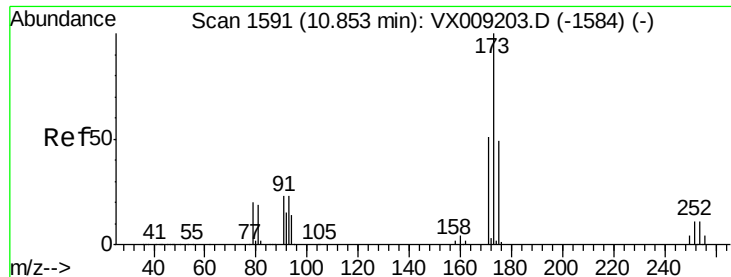
#70
Styrene
Concen: 49.873 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion:104 Resp: 312969
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.2 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: 52.051 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

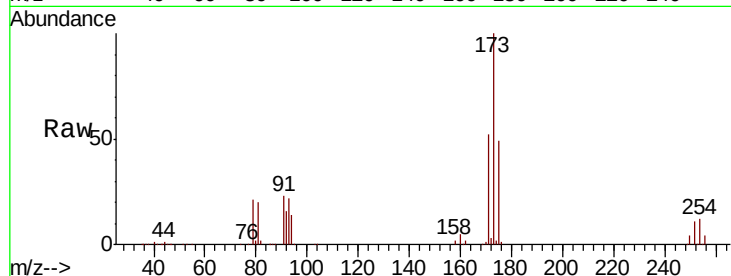
Tgt Ion:173 Resp: 83442

Ion Ratio Lower Upper

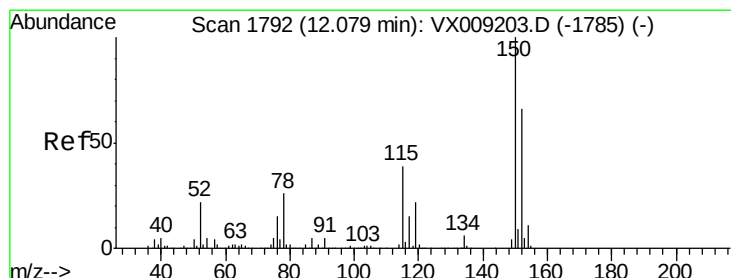
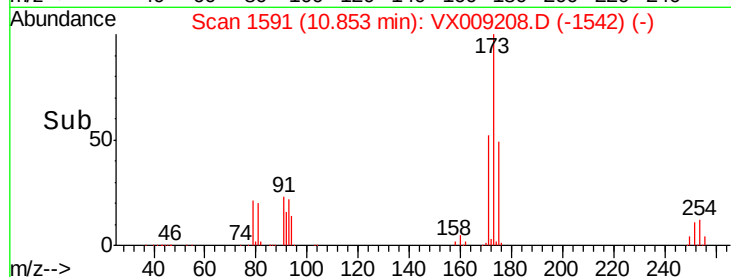
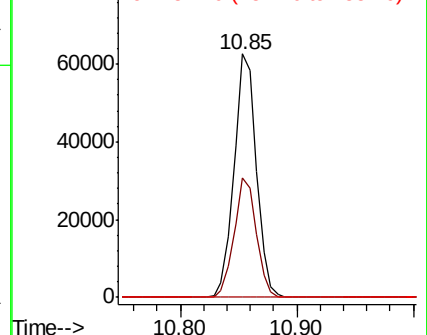
173 100

175 49.0 24.5 73.5

254 0.1 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: VX009208.D

Acq: 29 Apr 2019 15:25

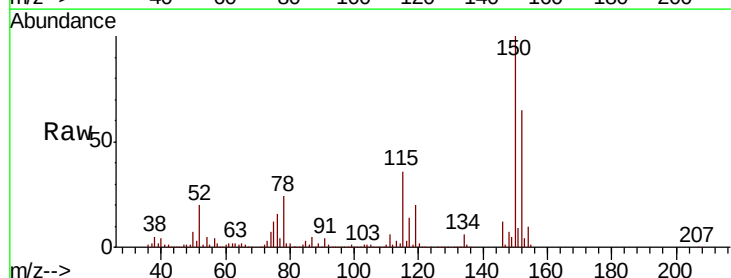
Tgt Ion:152 Resp: 136003

Ion Ratio Lower Upper

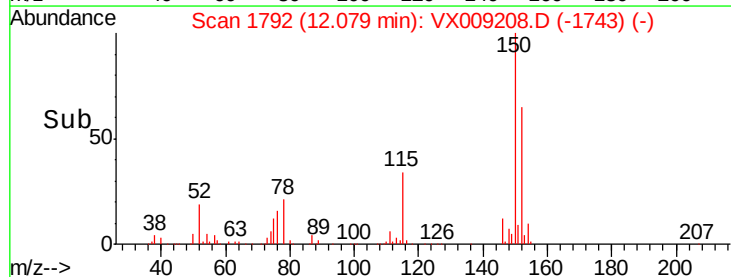
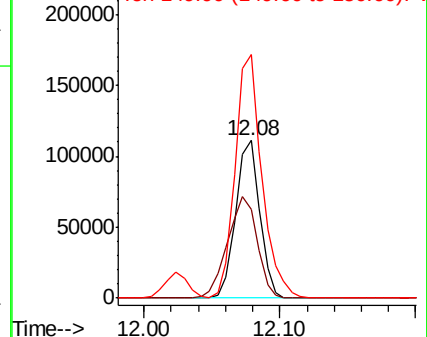
152 100

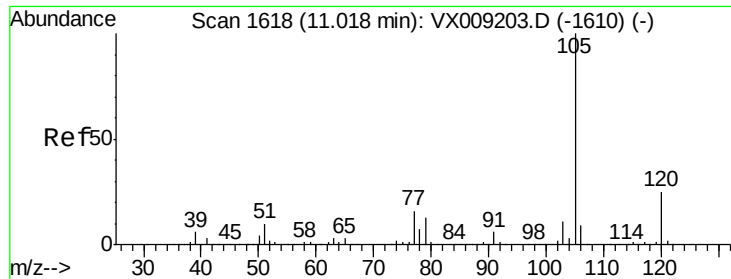
115 79.5 41.2 123.6

150 172.3 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: 46.255 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

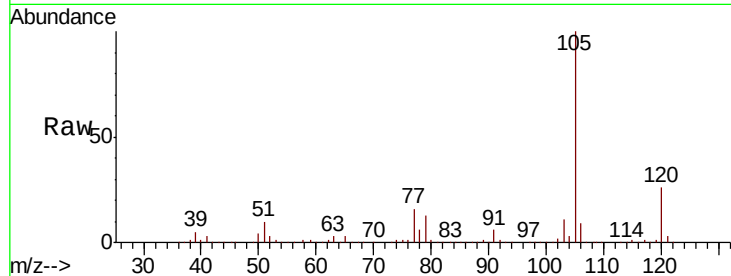
VSTDCCC050

Tgt Ion: 105 Resp: 457463

Ion Ratio Lower Upper

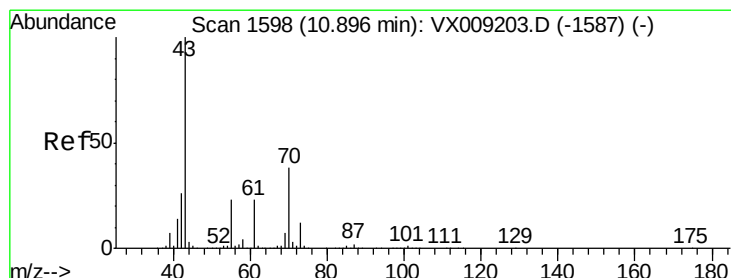
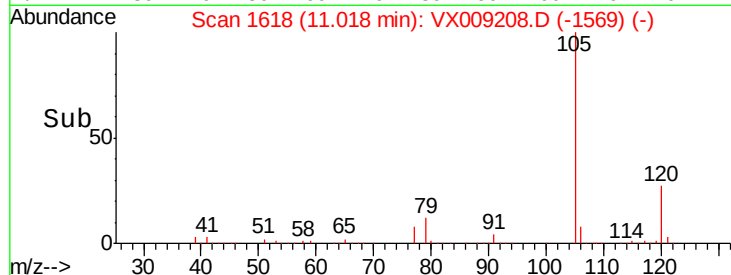
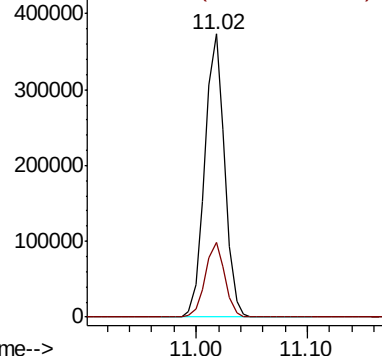
105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.681 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion: 43 Resp: 303754

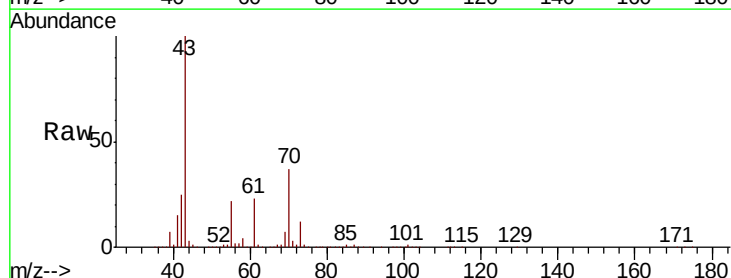
Ion Ratio Lower Upper

43 100

70 37.3 30.0 45.0

55 22.2 17.9 26.9

61 22.4 18.4 27.6

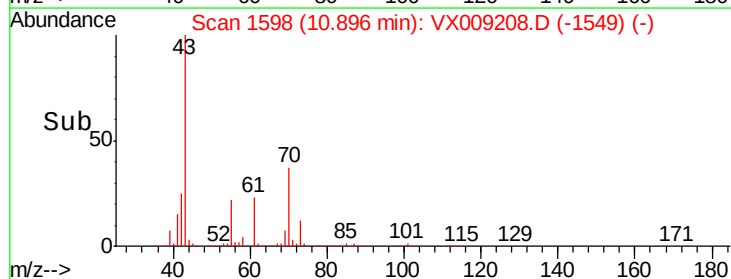
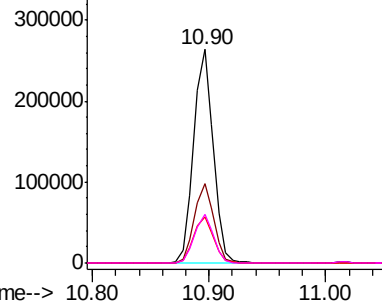


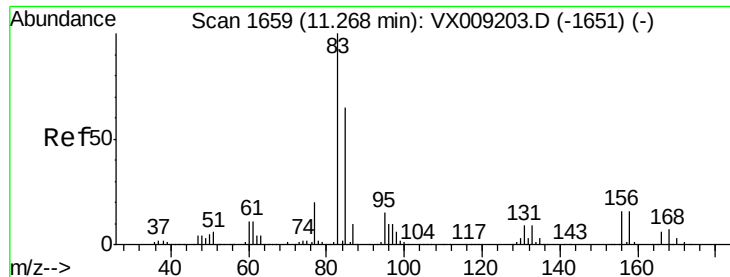
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

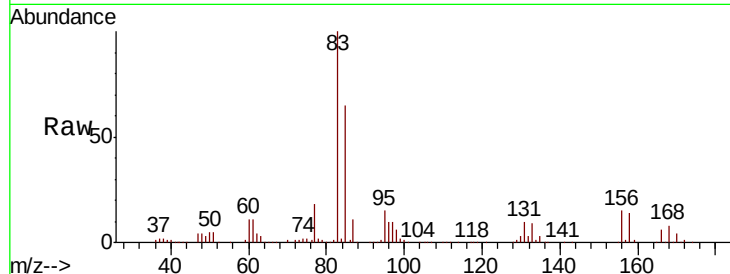




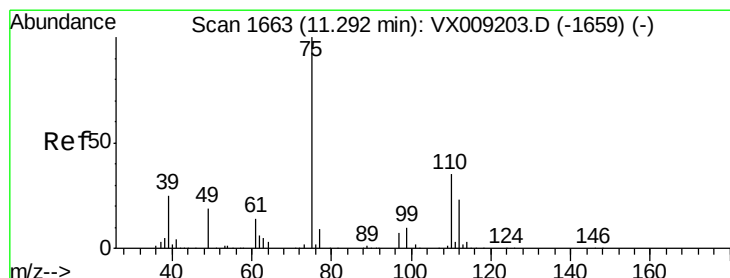
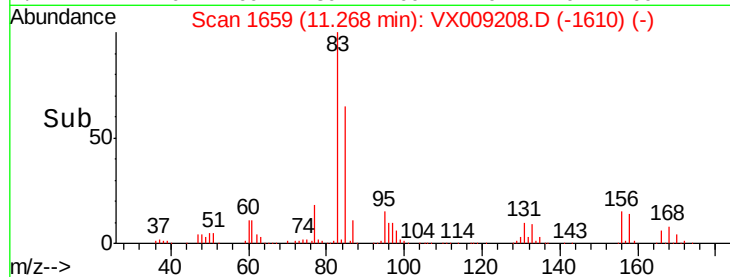
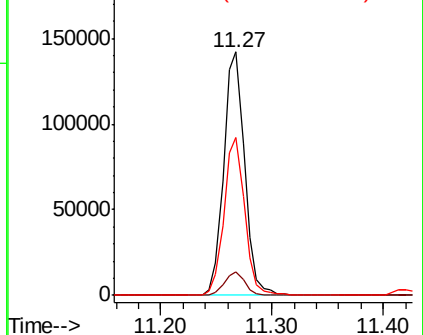
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.132 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 184827
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.6 13.8
 85 64.2 32.0 96.2

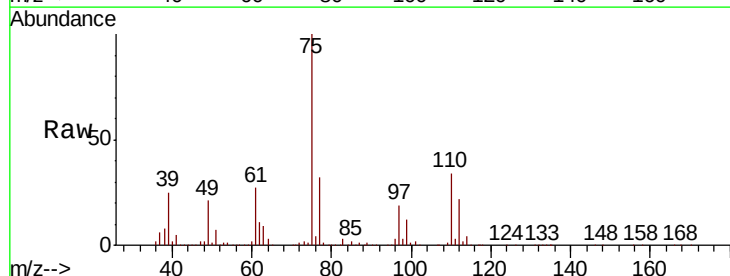


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

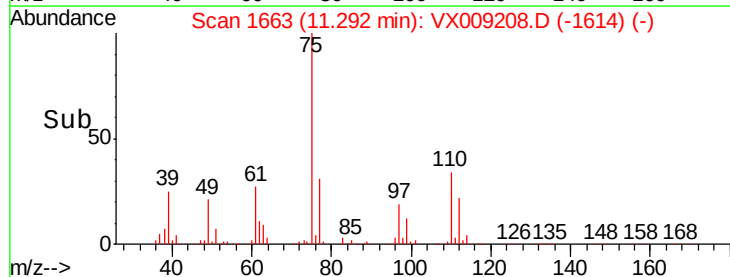
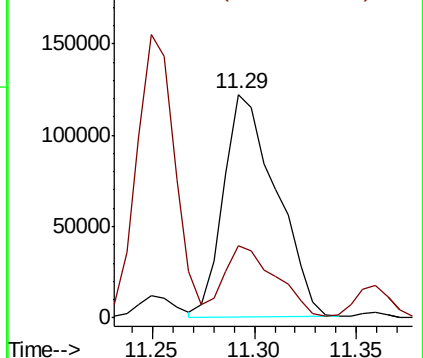


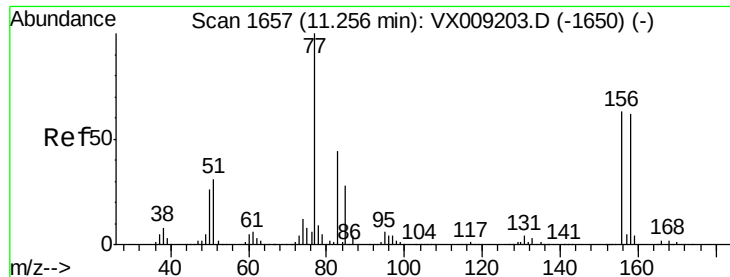
#76
 1,2,3-Trichloropropane
 Concen: 69.086 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 75 Resp: 217952
 Ion Ratio Lower Upper
 75 100
 77 32.4 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: 48.004 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

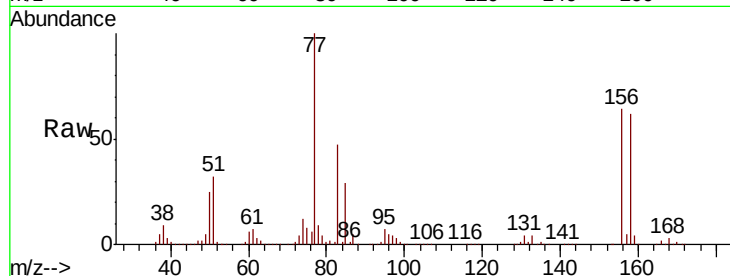
Tgt Ion:156 Resp: 117837

Ion Ratio Lower Upper

156 100

77 170.7 84.8 254.3

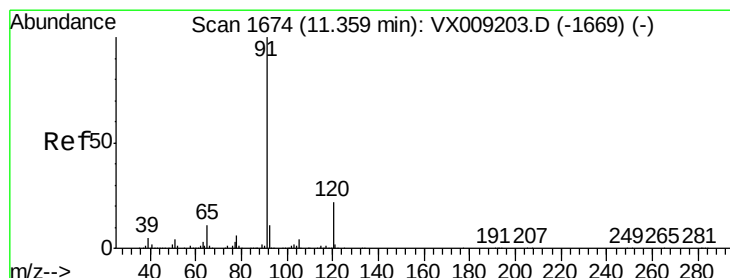
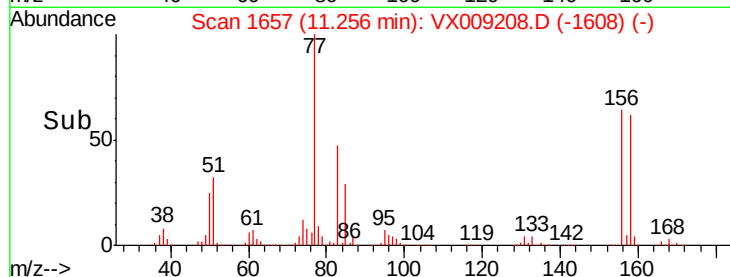
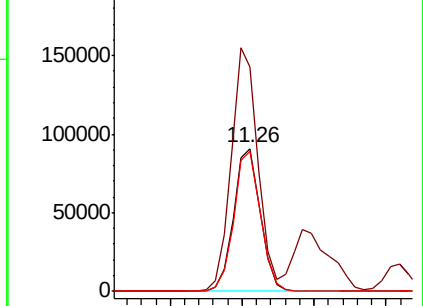
158 97.6 49.1 147.3



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: 47.029 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009208.D

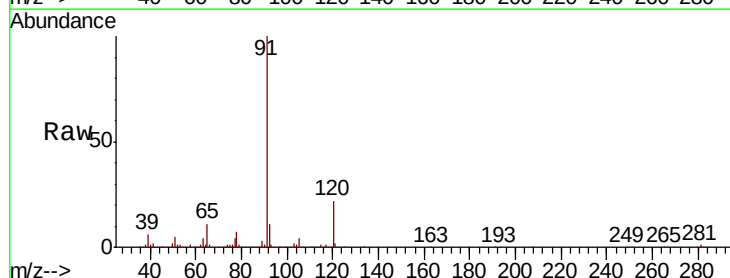
Acq: 29 Apr 2019 15:25

Tgt Ion: 91 Resp: 531182

Ion Ratio Lower Upper

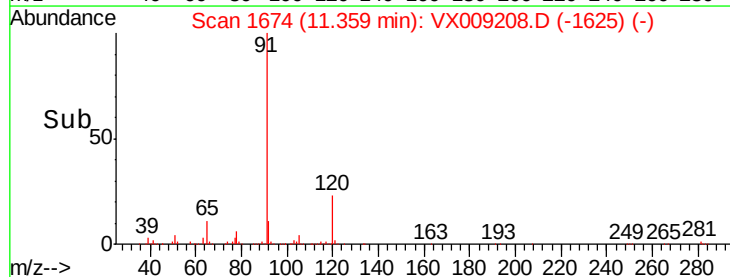
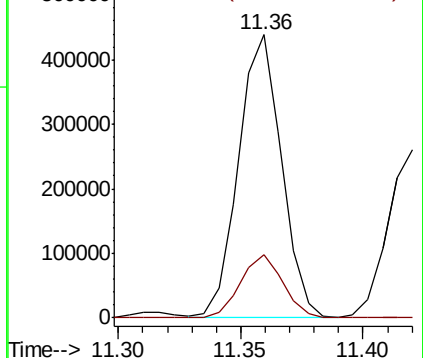
91 100

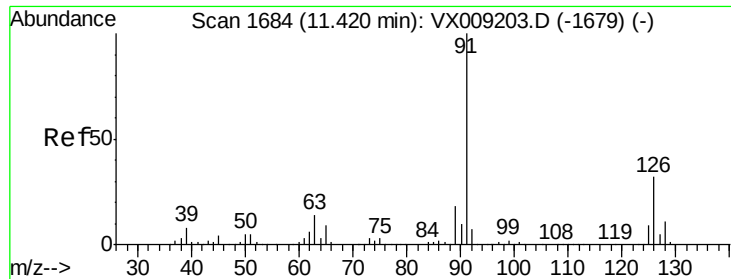
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

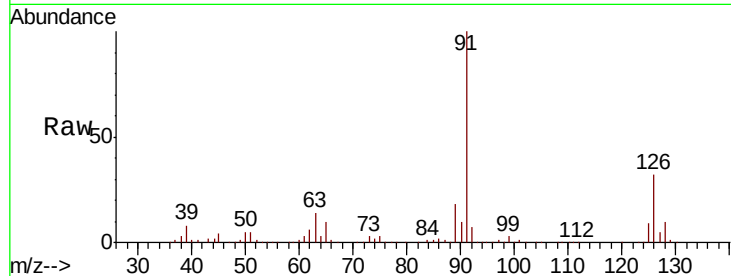




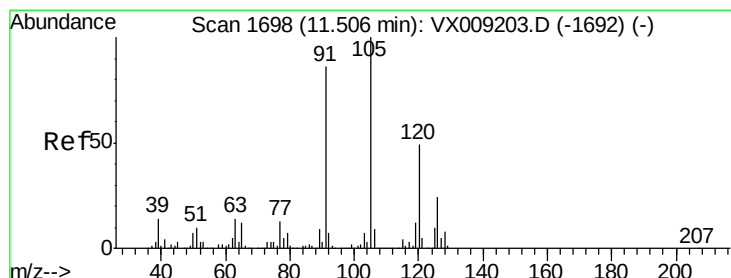
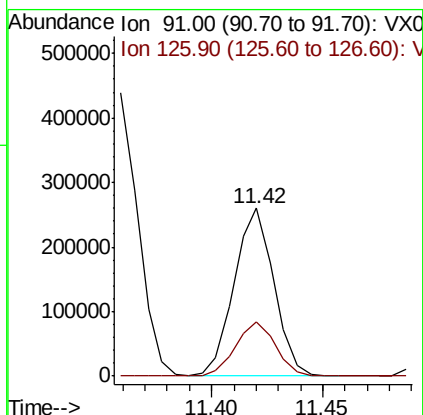
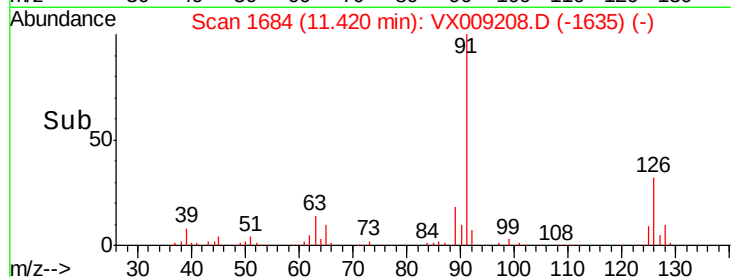
#79
 2-Chlorotoluene
 Concen: 46.330 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 322843
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9

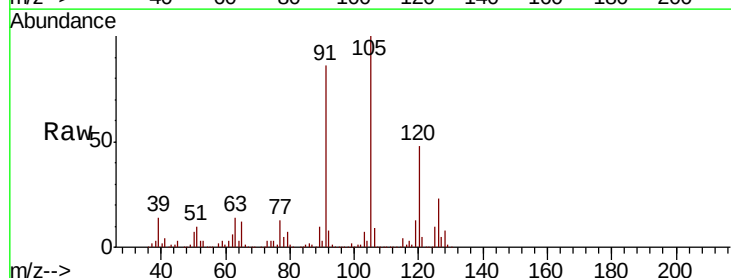


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

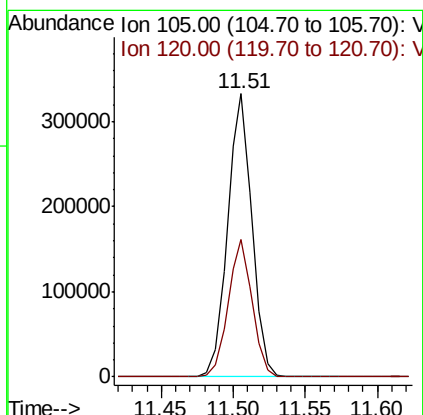
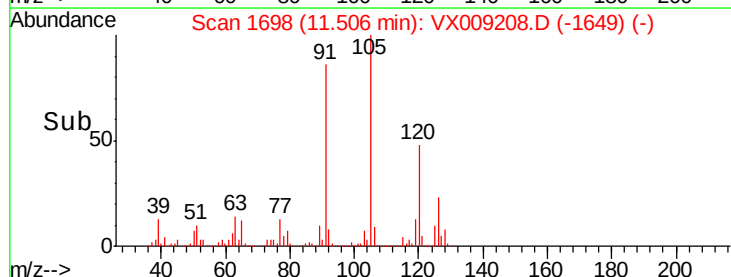


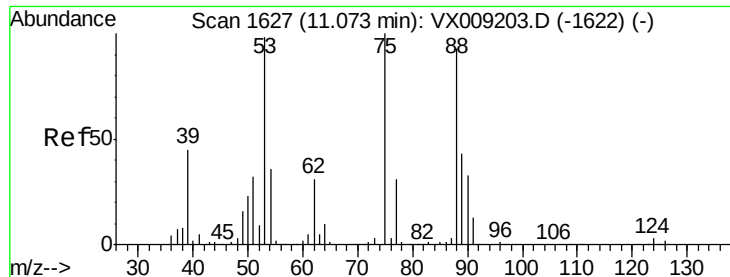
#80
 1,3,5-Trimethylbenzene
 Concen: 47.311 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 105 Resp: 393975
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 51.894 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

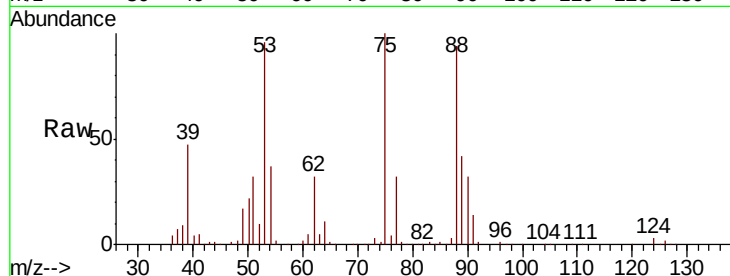
Tgt Ion: 75 Resp: 63985

Ion Ratio Lower Upper

75 100

53 98.6 79.0 118.6

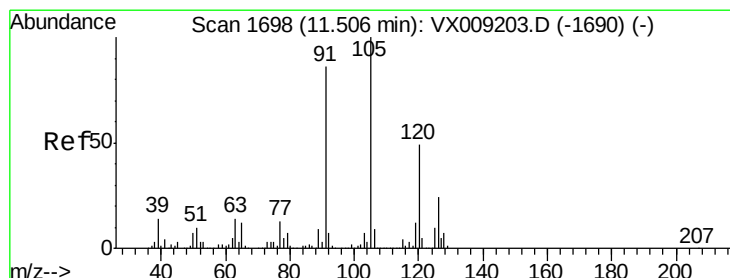
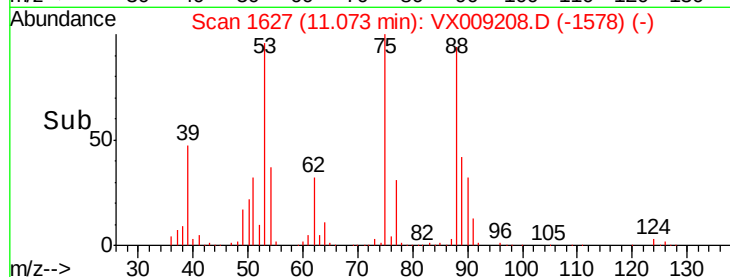
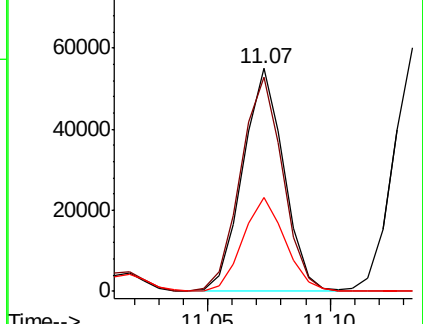
89 43.6 34.7 52.1



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: 47.303 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009208.D

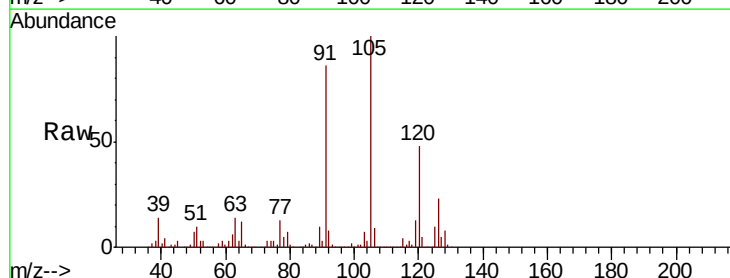
Acq: 29 Apr 2019 15:25

Tgt Ion: 91 Resp: 372378

Ion Ratio Lower Upper

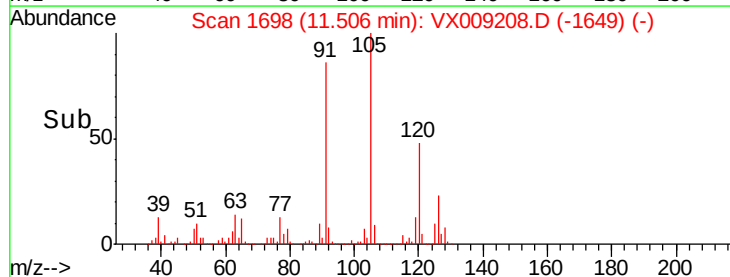
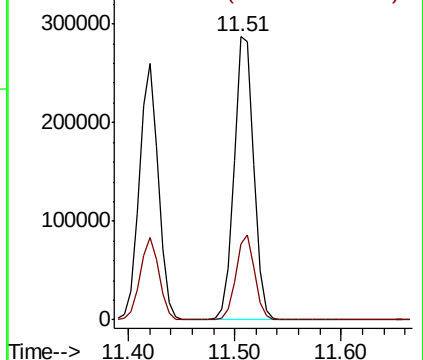
91 100

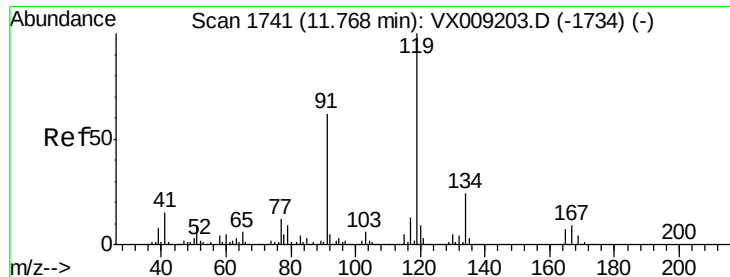
126 28.7 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

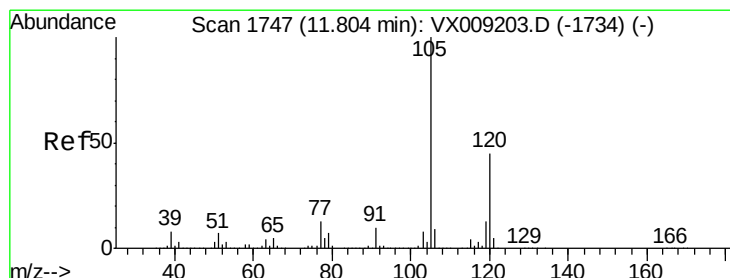
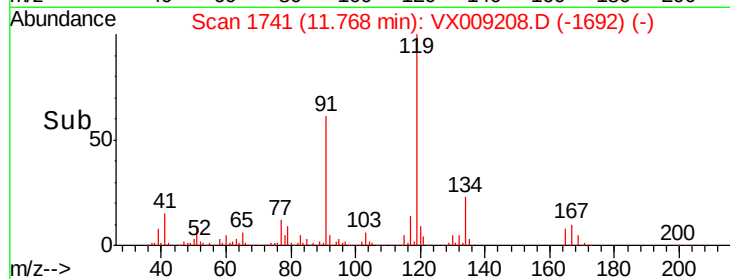
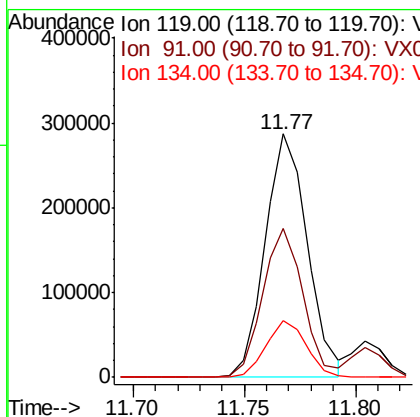
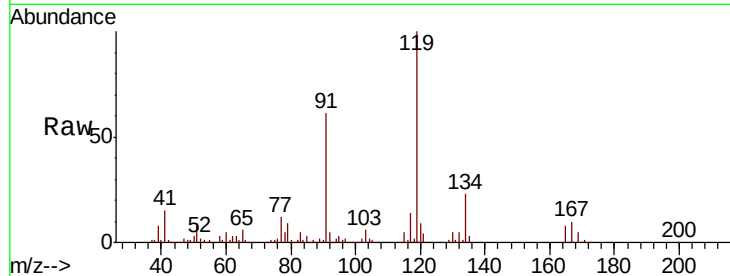




#83
 tert-Butylbenzene
 Concen: 46.691 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

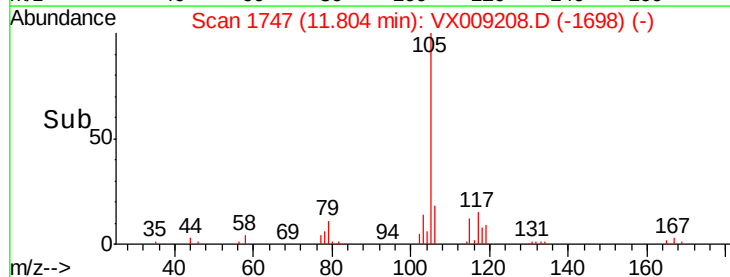
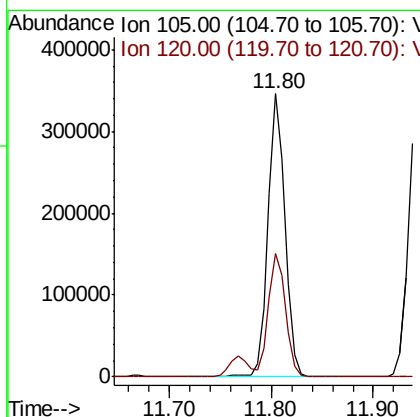
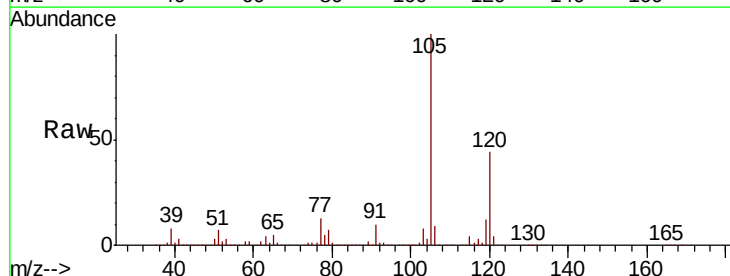
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

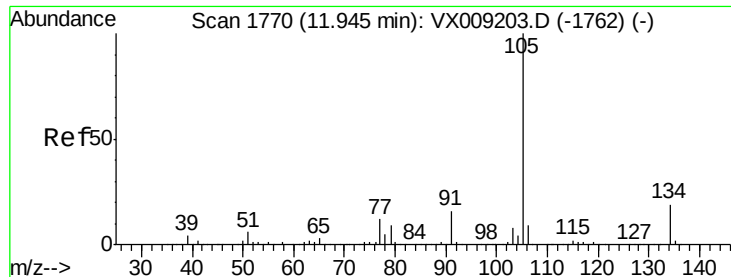
Tgt Ion:119 Resp: 378233
 Ion Ratio Lower Upper
 119 100
 91 58.7 29.5 88.5
 134 22.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.876 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion:105 Resp: 400179
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.446 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

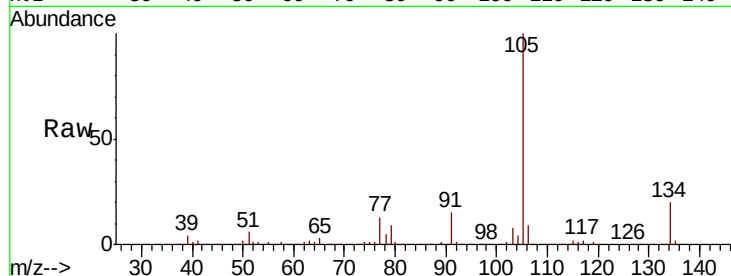
VSTDCCC050

Tgt Ion:105 Resp: 446071

Ion Ratio Lower Upper

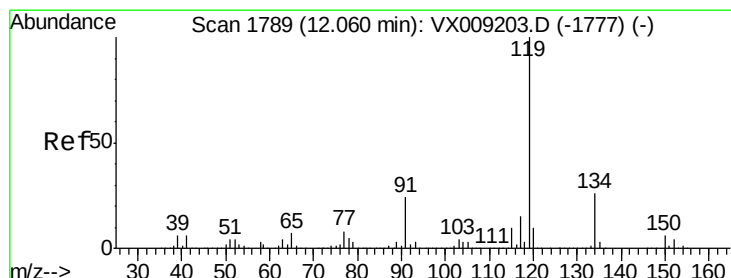
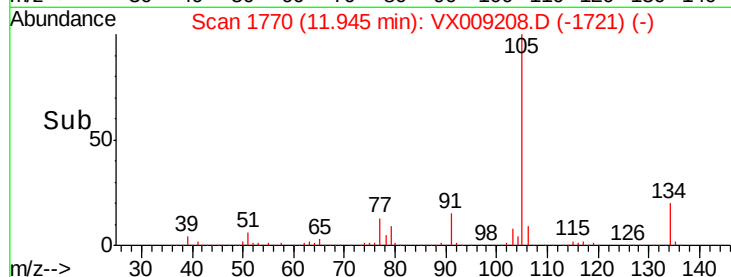
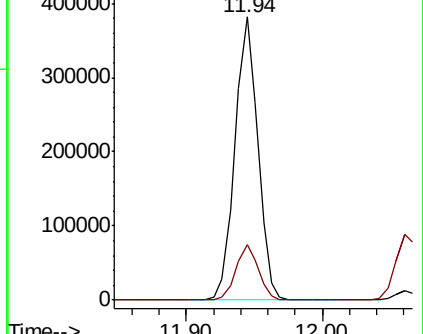
105 100

134 19.4 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: 47.202 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

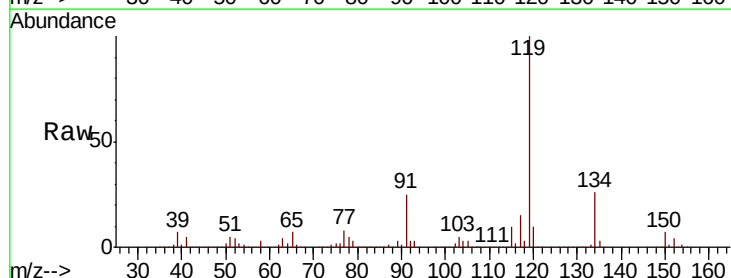
Tgt Ion:119 Resp: 407547

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

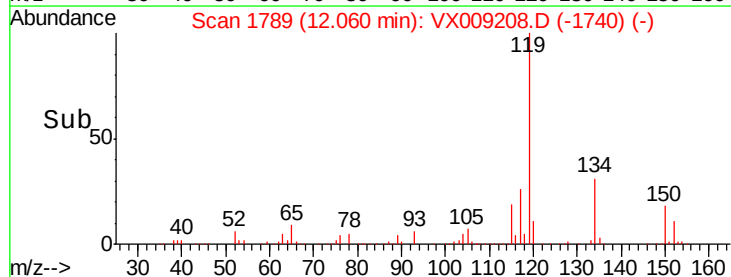
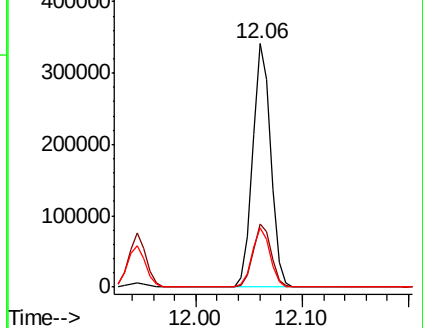
91 23.9 11.8 35.4

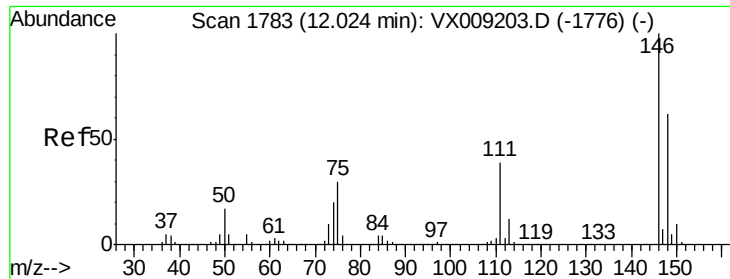


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.557 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

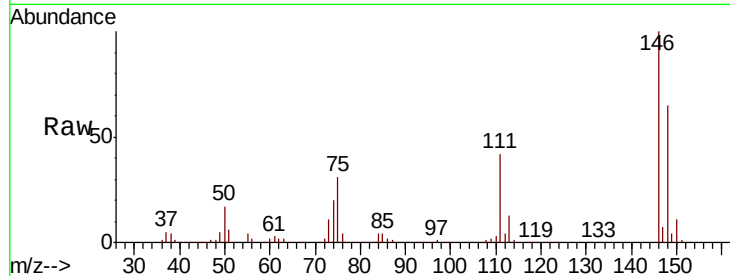
Tgt Ion:146 Resp: 208110

Ion Ratio Lower Upper

146 100

111 40.8 20.0 59.9

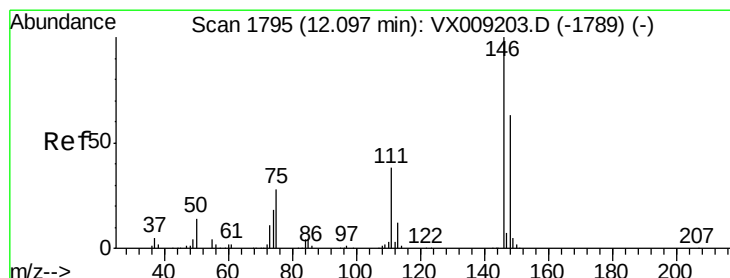
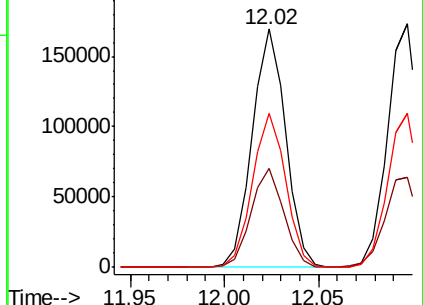
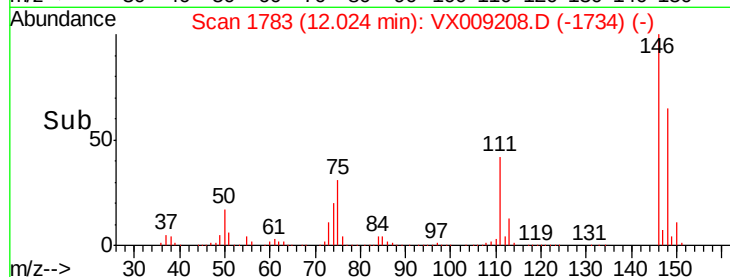
148 64.3 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 48.190 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

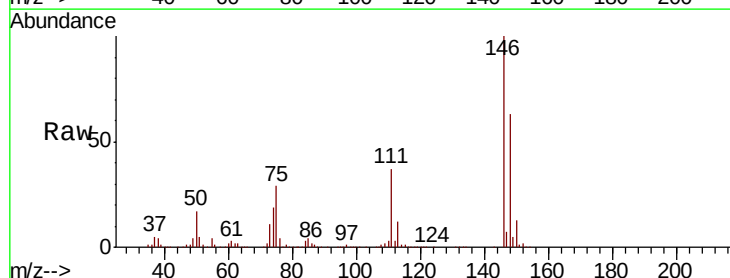
Tgt Ion:146 Resp: 212604

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

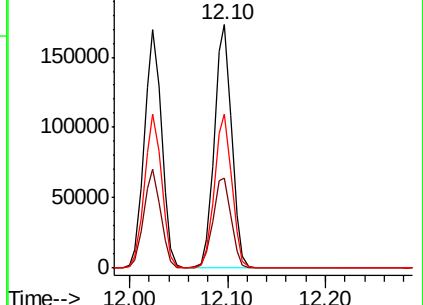
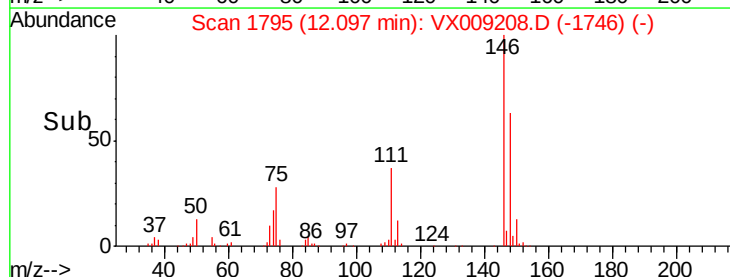
148 63.2 31.8 95.3

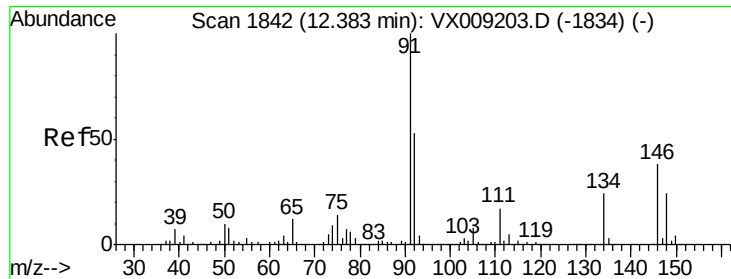


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.730 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

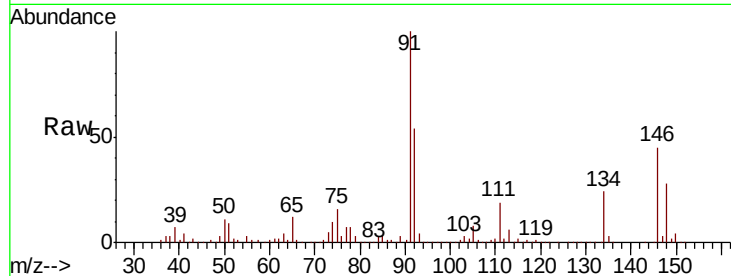
Tgt Ion: 91 Resp: 372477

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

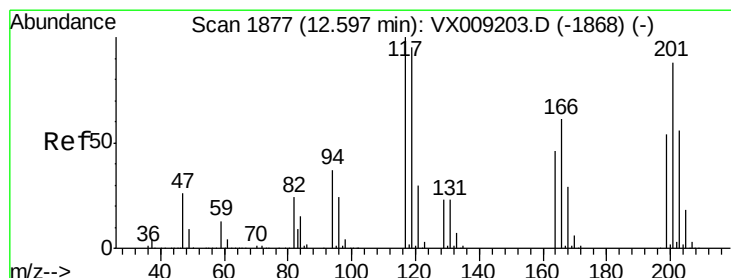
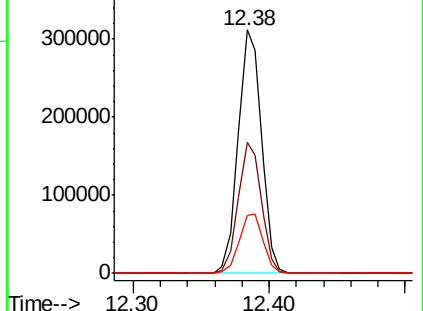
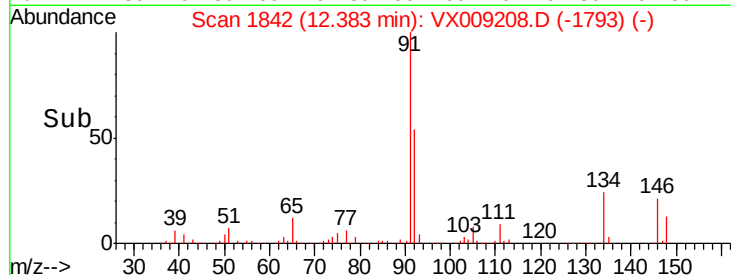
134 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX009208.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009208.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009208.D (-1793) (-)



#90

Hexachloroethane

Concen: 47.345 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009208.D

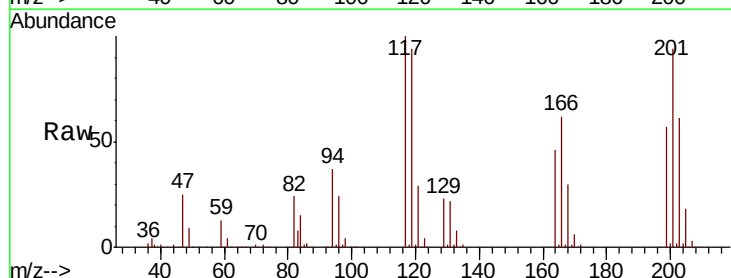
Acq: 29 Apr 2019 15:25

Tgt Ion: 117 Resp: 69643

Ion Ratio Lower Upper

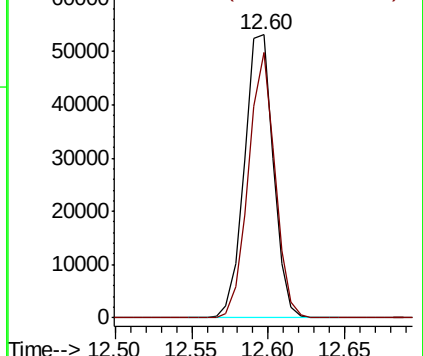
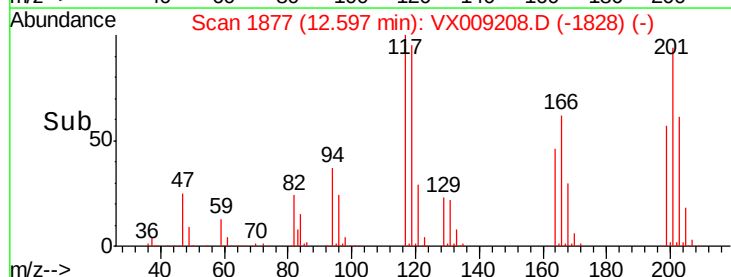
117 100

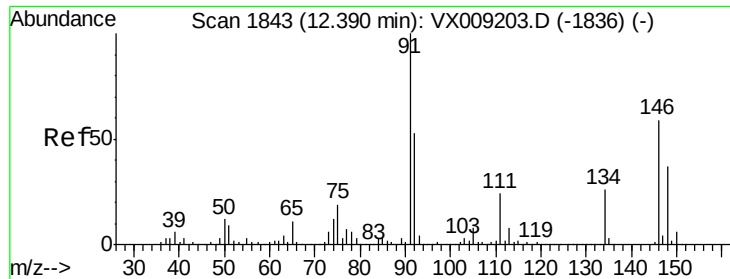
201 86.2 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): VX009208.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009208.D (-1828) (-)

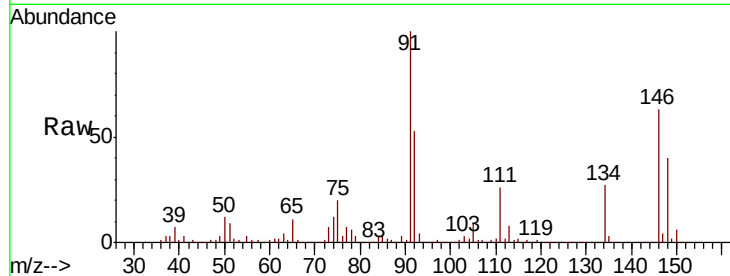




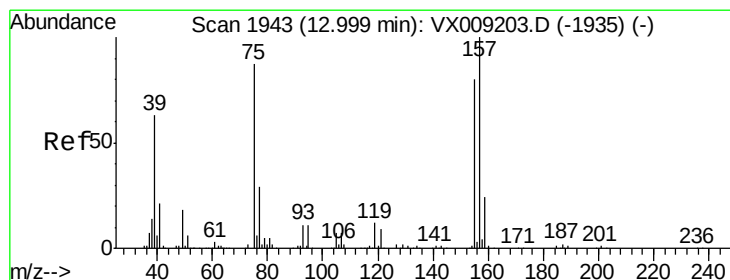
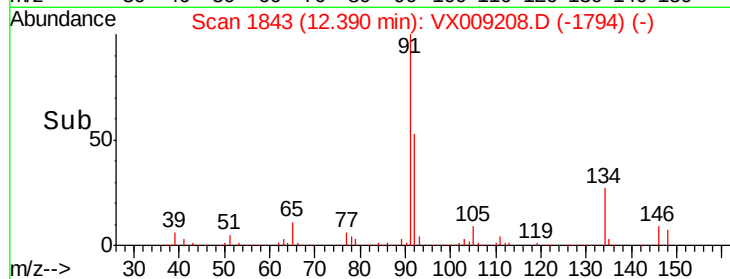
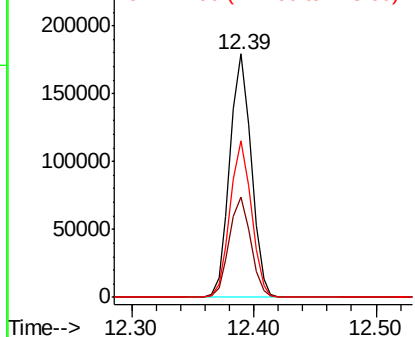
#91
 1,2-Dichlorobenzene
 Concen: 48.749 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 217283
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 63.8 31.9 95.9

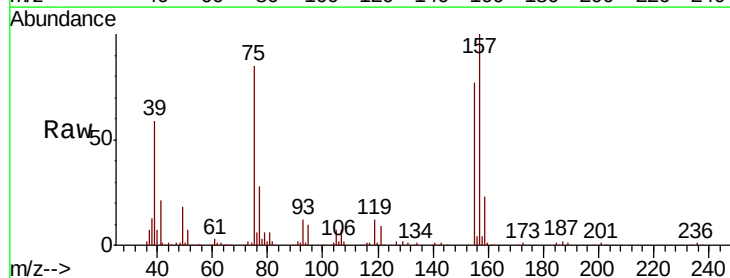


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

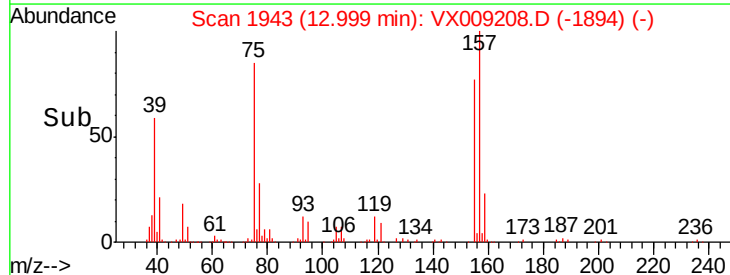
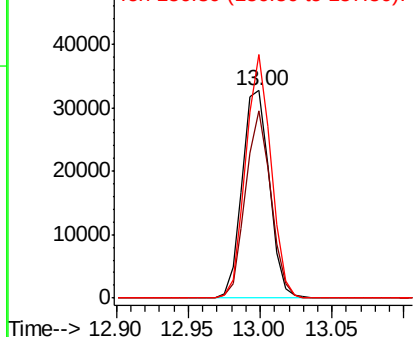


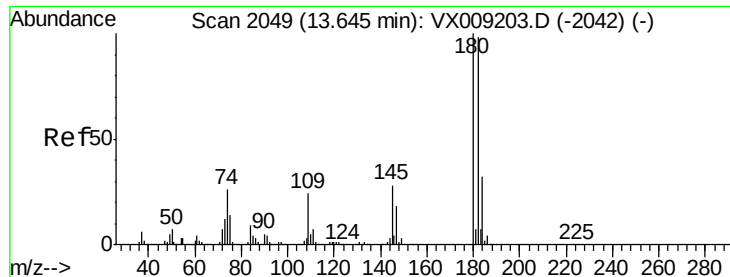
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.002 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 75 Resp: 43009
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.0 126.0
 157 108.1 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

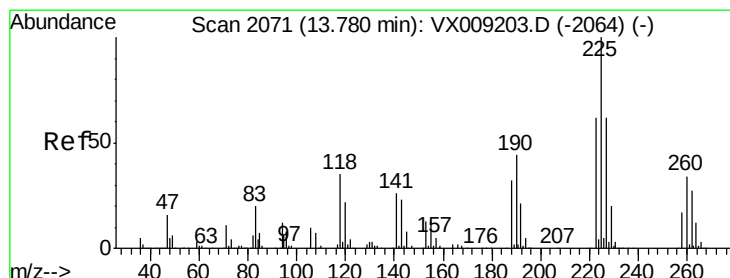
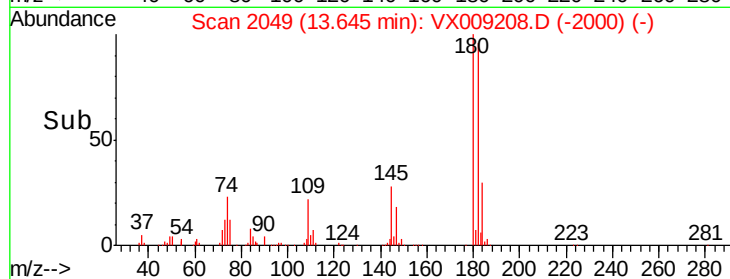
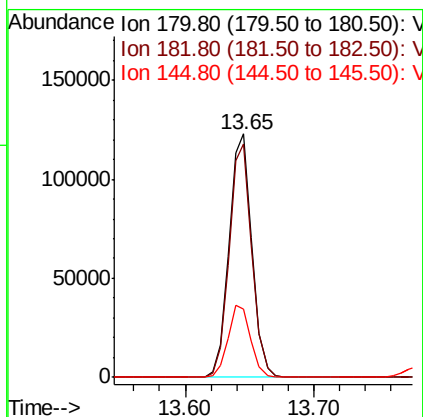
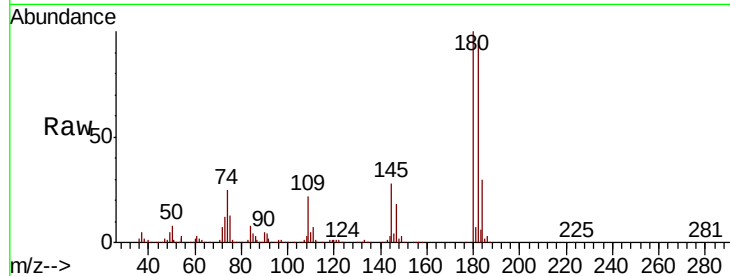




#93
 1,2,4-Trichlorobenzene
 Concen: 49.976 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

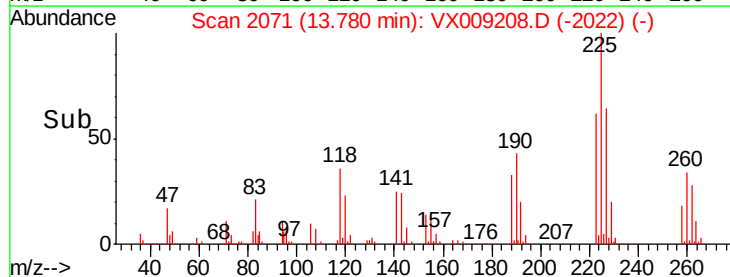
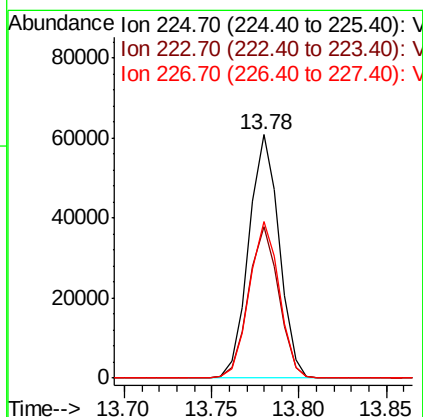
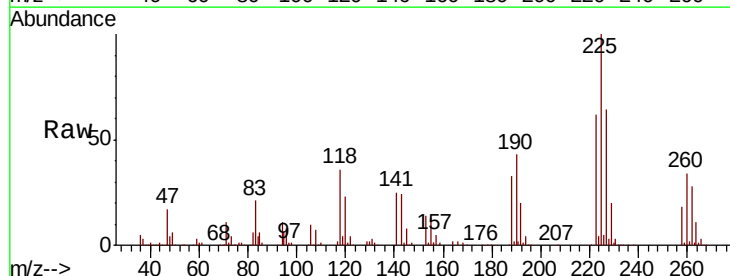
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

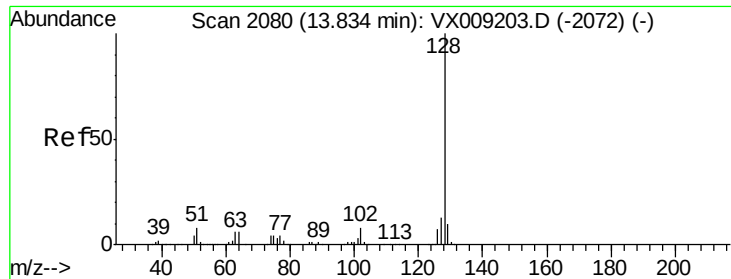
Tgt Ion:180 Resp: 152325
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.2
 145 29.5 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 47.055 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion:225 Resp: 73239
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 63.9 31.8 95.3





#95

Naphthalene

Concen: 51.534 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

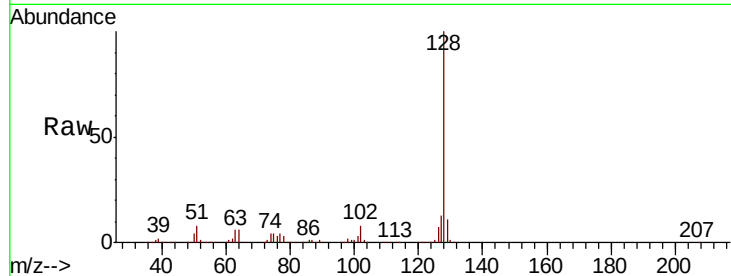
Tgt Ion:128 Resp: 511022

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

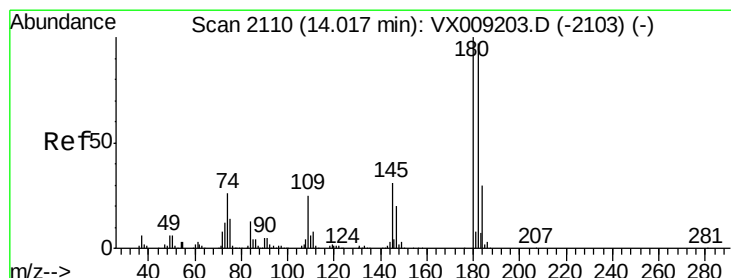
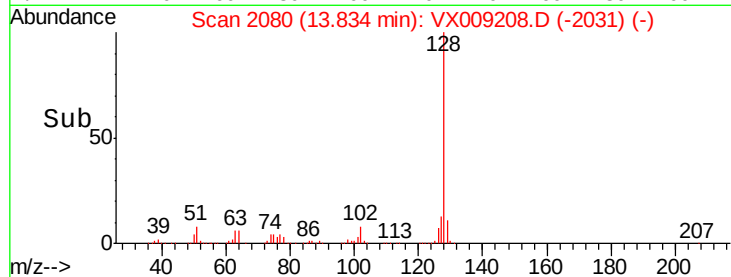
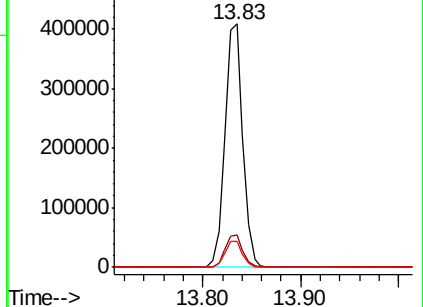
129 10.8 8.6 13.0



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: 49.329 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

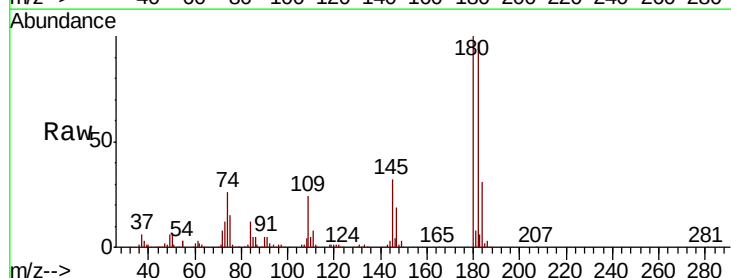
Tgt Ion:180 Resp: 152408

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.4

145 31.5 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

