

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082418\
 Data File : VX004239.D
 Acq On : 24 Aug 2018 11:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 00:25:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	423664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	195212	49.87	ug/l	0.00
Spiked Amount						
			Recovery	=	99.74%	
35) Dibromofluoromethane	5.50	113	167457	50.62	ug/l	0.00
Spiked Amount						
			Recovery	=	101.24%	
50) Toluene-d8	8.71	98	623312	49.92	ug/l	0.00
Spiked Amount						
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	233582	50.14	ug/l	0.00
Spiked Amount						
			Recovery	=	100.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	163307	46.95	ug/l	98
3) Chloromethane	1.32	50	176990	46.06	ug/l	99
4) Vinyl Chloride	1.40	62	177979	45.23	ug/l	99
5) Bromomethane	1.64	94	90346	46.44	ug/l	97
6) Chloroethane	1.71	64	123378	43.88	ug/l	97
7) Trichlorofluoromethane	1.92	101	242195	44.92	ug/l	94
8) Diethyl Ether	2.18	74	118739	51.43	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	151097	44.74	ug/l	99
10) Methyl Iodide	2.51	142	169686	44.99	ug/l	98
11) Tert butyl alcohol	3.07	59	201865	241.95	ug/l	100
12) 1,1-Dichloroethene	2.37	96	145839	45.84	ug/l	98
13) Acrolein	2.29	56	82077	408.05	ug/l	98
14) Allyl chloride	2.72	41	283773	48.55	ug/l	99
15) Acrylonitrile	3.15	53	491449	237.85	ug/l	100
16) Acetone	2.45	43	422532	264.93	ug/l	98
17) Carbon Disulfide	2.56	76	398578	45.19	ug/l	99
18) Methyl Acetate	2.78	43	300155	51.68	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	545690	52.05	ug/l	99
20) Methylene Chloride	2.85	84	180923	48.02	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	166120	47.18	ug/l	95
22) Diisopropyl ether	3.87	45	542566	49.72	ug/l	97
23) Vinyl Acetate	3.82	43	2200974	248.83	ug/l	98
24) 1,1-Dichloroethane	3.69	63	310252	48.78	ug/l	99
25) 2-Butanone	4.70	43	646679	246.53	ug/l	100
26) 2,2-Dichloropropane	4.58	77	244009	48.92	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196360	49.17	ug/l	98
28) Bromochloromethane	5.01	49	140758	49.99	ug/l	98
29) Tetrahydrofuran	5.15	42	404466	240.52	ug/l	98
30) Chloroform	5.21	83	311662	48.87	ug/l	99
31) Cyclohexane	5.57	56	246313	44.89	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	251771	47.35	ug/l	100
36) 1,1-Dichloropropene	5.79	75	226988	45.41	ug/l	99
37) Ethyl Acetate	4.85	43	236575	48.12	ug/l	99
38) Carbon Tetrachloride	5.78	117	213285	45.35	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	248899	43.61	ug/l	98
40) Benzene	6.14	78	719322	48.16	ug/l	100
41) Methacrylonitrile	5.06	41	138894	48.74	ug/l	99
42) 1,2-Dichloroethane	6.19	62	247705	48.62	ug/l	100
43) Isopropyl Acetate	6.46	43	381995	50.56	ug/l	100
44) Trichloroethene	7.21	130	194051	46.93	ug/l	99
45) 1,2-Dichloropropane	7.51	63	185482	49.61	ug/l	100
46) Dibromomethane	7.66	93	122160	49.08	ug/l	99
47) Bromodichloromethane	7.90	83	234607	50.65	ug/l	100
48) Methyl methacrylate	7.77	41	202336	50.05	ug/l	99
49) 1,4-Dioxane	7.76	88	89367	973.73	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1277116	232.67	ug/l	99
52) Toluene	8.79	92	459979	49.19	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	270419	52.86	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	294116	52.78	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	187848	49.77	ug/l	98
56) Ethyl methacrylate	9.18	69	279761	54.45	ug/l	99
57) 1,3-Dichloropropane	9.37	76	315381	49.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	743452	282.38	ug/l	99
59) 2-Hexanone	9.49	43	981392	234.36	ug/l	99
60) Dibromochloromethane	9.59	129	192034	52.22	ug/l	99
61) 1,2-Dibromoethane	9.67	107	197087	50.46	ug/l	99
64) Tetrachloroethene	9.34	164	180843	43.21	ug/l	98
65) Chlorobenzene	10.14	112	498734	46.90	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	175009	47.72	ug/l	98
67) Ethyl Benzene	10.25	91	825782	47.82	ug/l	93
68) m/p-Xylenes	10.36	106	638469	94.56	ug/l	95
69) o-Xylene	10.70	106	315639	49.42	ug/l	100
70) Styrene	10.71	104	519729	50.26	ug/l	98
71) Bromoform	10.86	173	139594	47.22	ug/l	99
73) Isopropylbenzene	11.02	105	832802	47.93	ug/l	100
74) N-amyl acetate	10.90	43	328942	49.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	288242	47.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	329565	61.26	ug/l	85
77) Bromobenzene	11.26	156	238749	48.99	ug/l	99
78) n-propylbenzene	11.36	91	990147	49.55	ug/l	100
79) 2-Chlorotoluene	11.42	91	607875	49.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	719504	50.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	86027	51.88	ug/l	97
82) 4-Chlorotoluene	11.51	91	698493	48.26	ug/l	100
83) tert-Butylbenzene	11.77	119	704958	48.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	764632	51.77	ug/l	100
85) sec-Butylbenzene	11.94	105	821818	47.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	766168	49.74	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	447345	48.75	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459888	47.53	ug/l	100
89) n-Butylbenzene	12.39	91	639892	51.09	ug/l	99
90) Hexachloroethane	12.60	117	106473	49.46	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	452226	53.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51391	47.99	ug/l	96

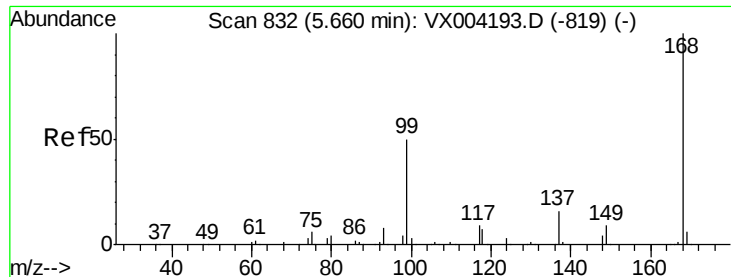
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	278868	45.70	ug/l	97
94) Hexachlorobutadiene	13.79	225	121026	42.61	ug/l	97
95) Naphthalene	13.83	128	878028	50.87	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	301396	46.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

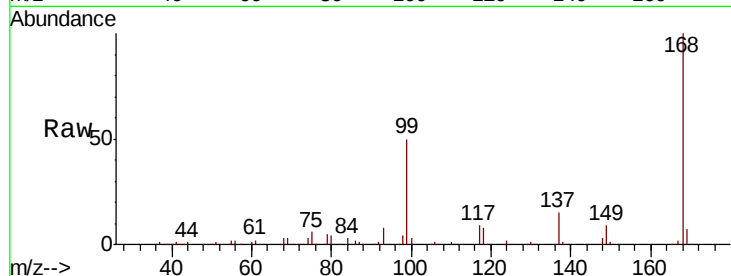
VSTDCCC050

Tot Ion:168 Resp: 300302

Ion Ratio Lower Upper

168 100

99 50.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

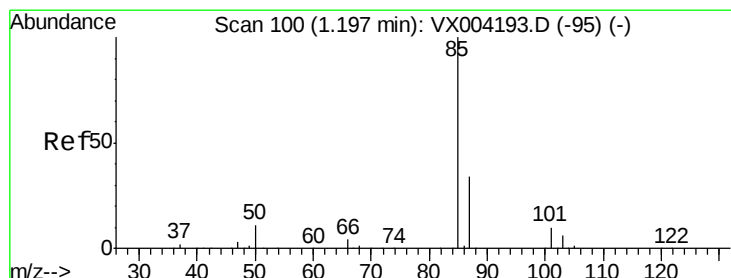
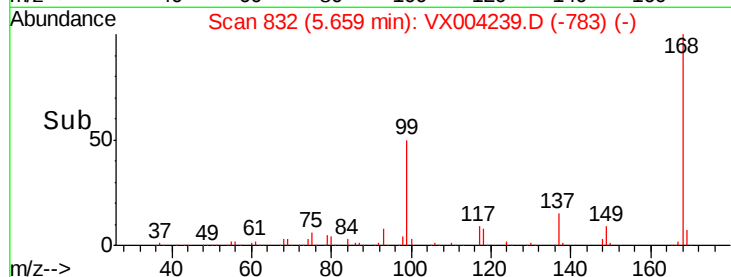
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.95 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004239.D

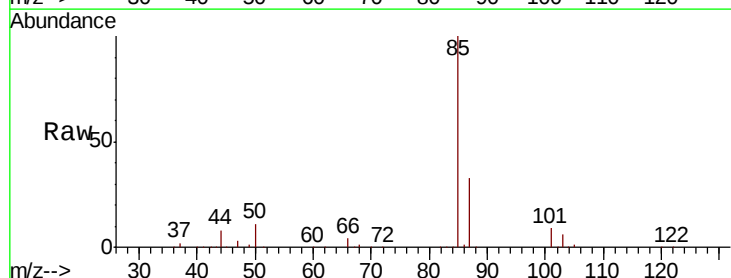
Acq: 24 Aug 2018 11:22

Tgt Ion: 85 Resp: 163307

Ion Ratio Lower Upper

85 100

87 32.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

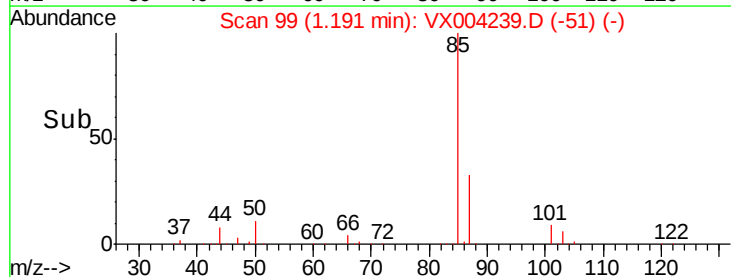
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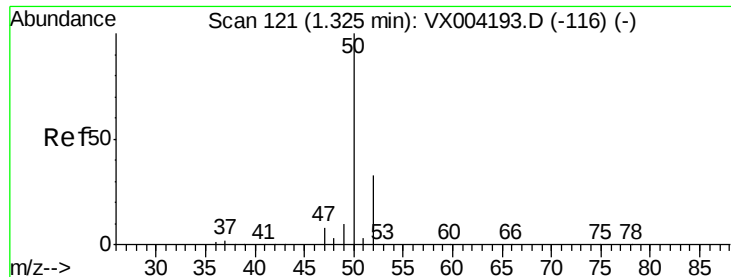
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 46.06 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

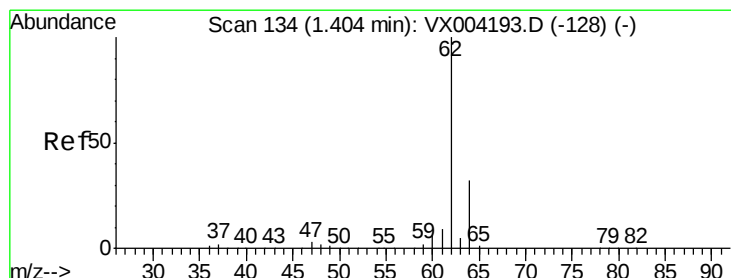
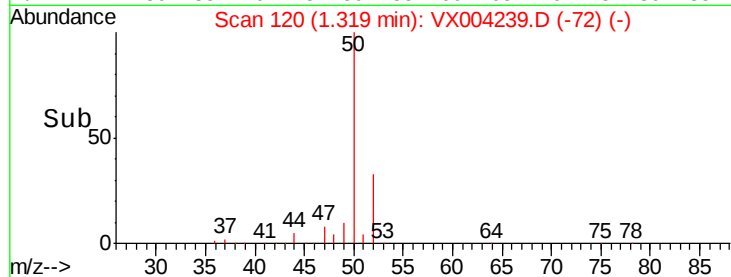
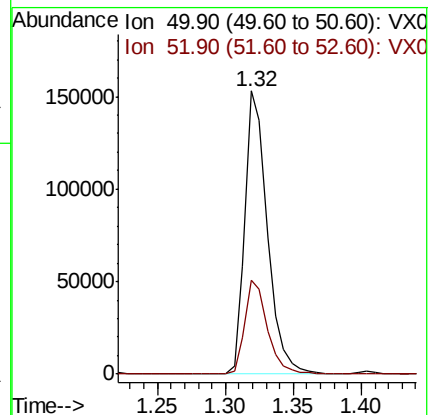
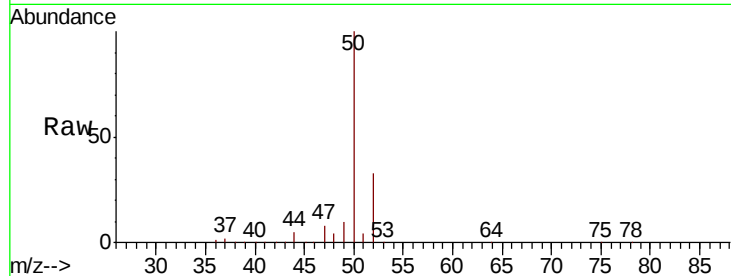
VSTDCCC050

Tot Ion: 50 Resp: 176990

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2



#4

Vinyl Chloride

Concen: 45.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004239.D

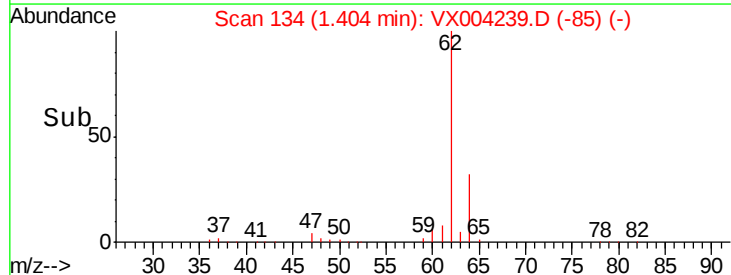
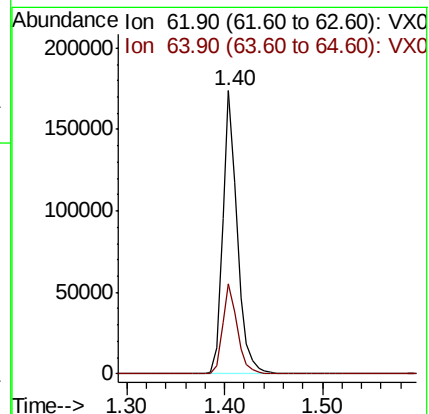
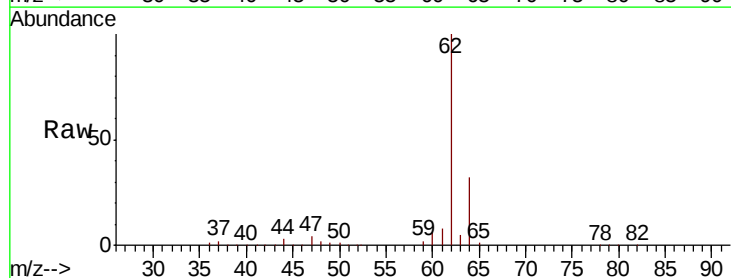
Acq: 24 Aug 2018 11:22

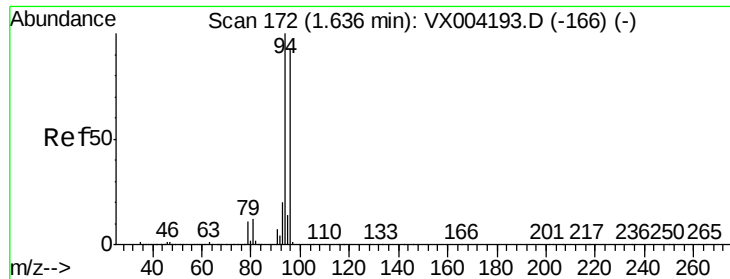
Tgt Ion: 62 Resp: 177979

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 46.44 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

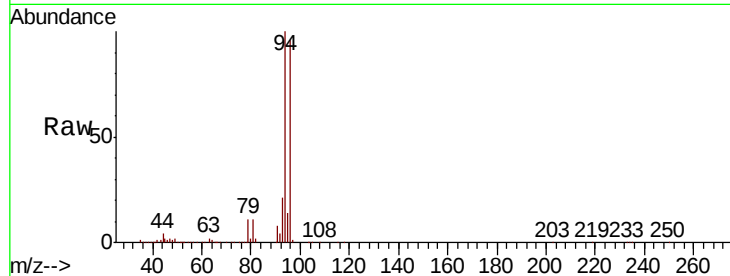
VSTDCCC050

Tot Ion: 94 Resp: 90346

Ion Ratio Lower Upper

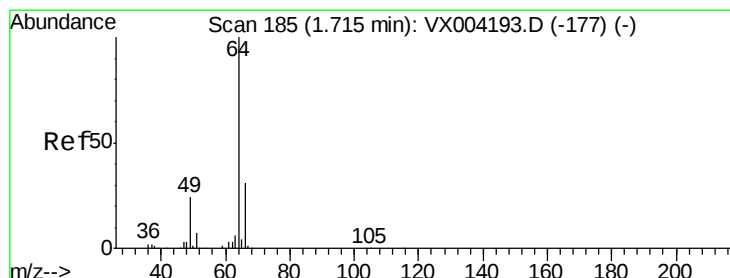
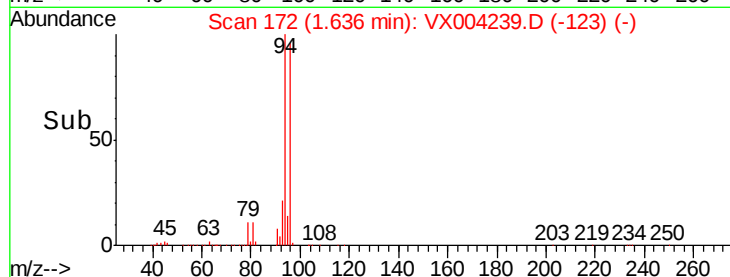
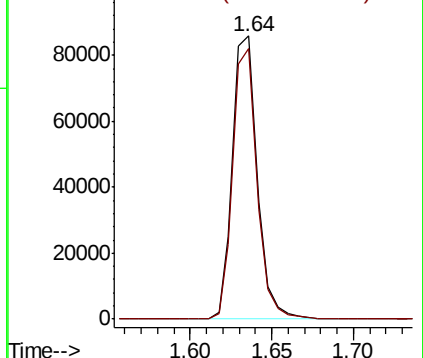
94 100

96 95.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.88 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004239.D

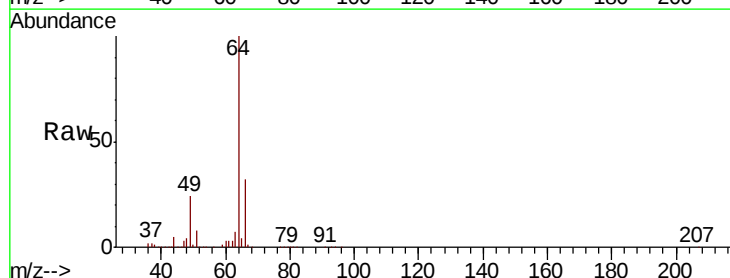
Acq: 24 Aug 2018 11:22

Tgt Ion: 64 Resp: 123378

Ion Ratio Lower Upper

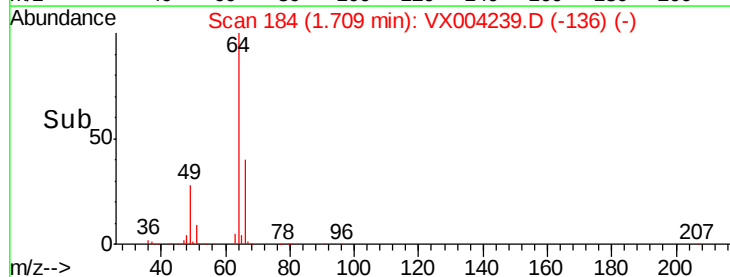
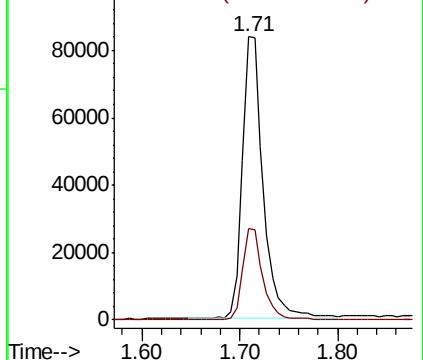
64 100

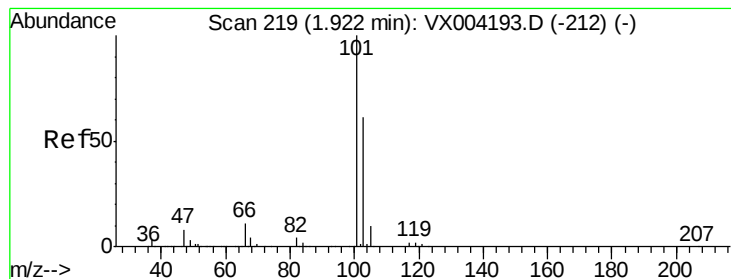
66 32.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



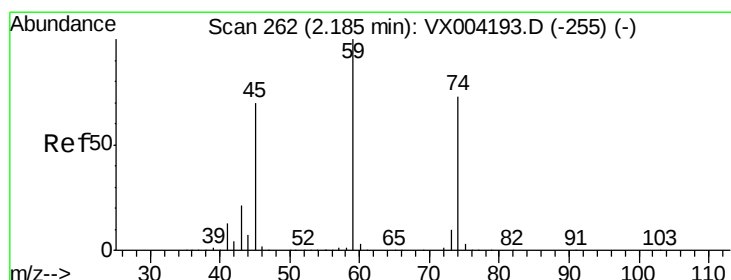
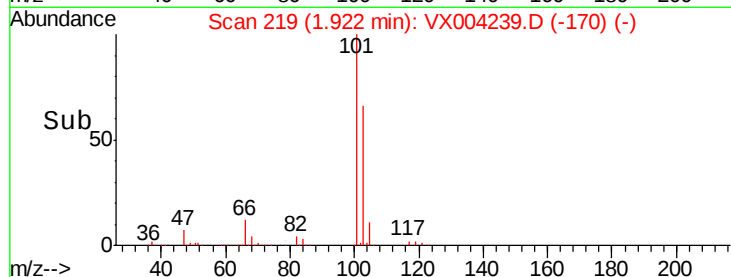
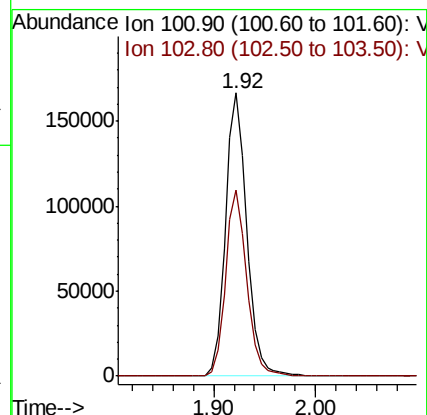
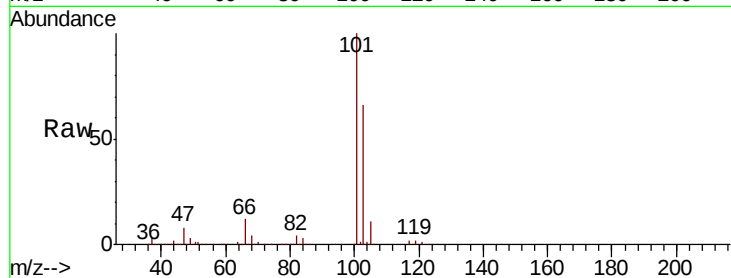


#7

Trichlorofluoromethane
 Concen: 44.92 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

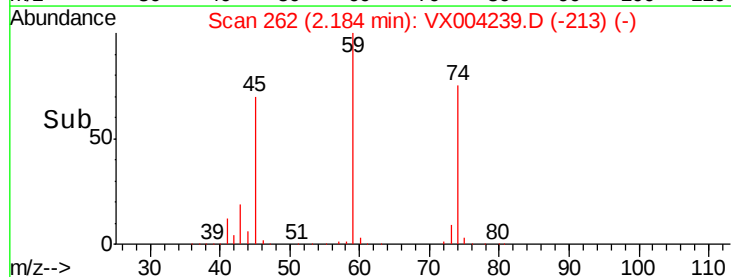
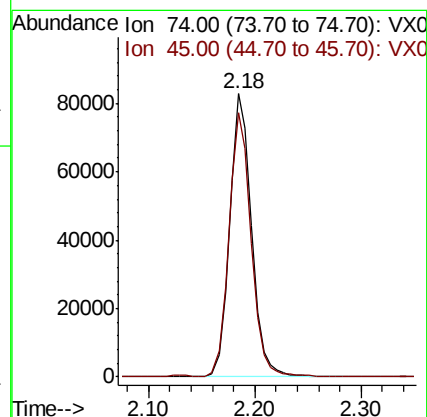
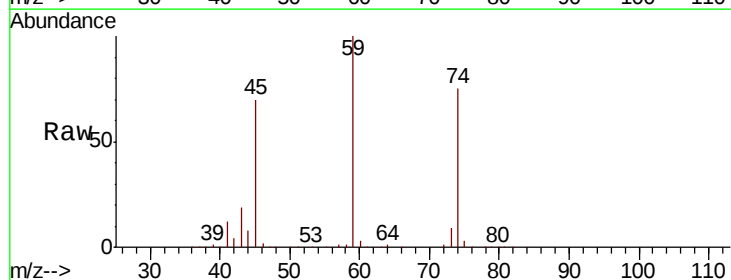
Tot Ion:101 Resp: 242195
 Ion Ratio Lower Upper
 101 100
 103 65.9 48.9 73.3

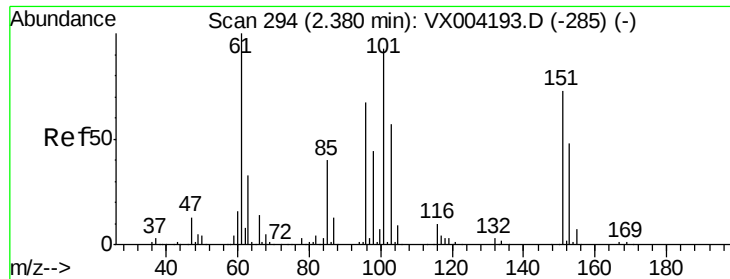


#8

Diethyl Ether
 Concen: 51.43 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion: 74 Resp: 118739
 Ion Ratio Lower Upper
 74 100
 45 94.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.74 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

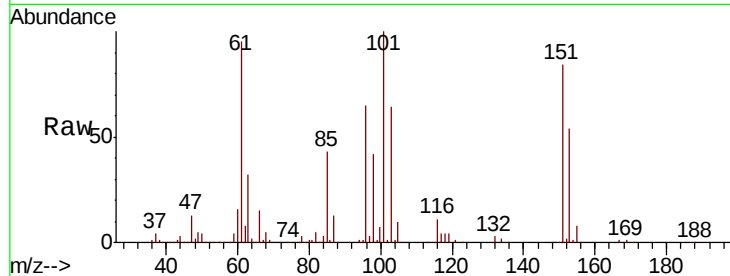
Tot Ion:101 Resp: 151097

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

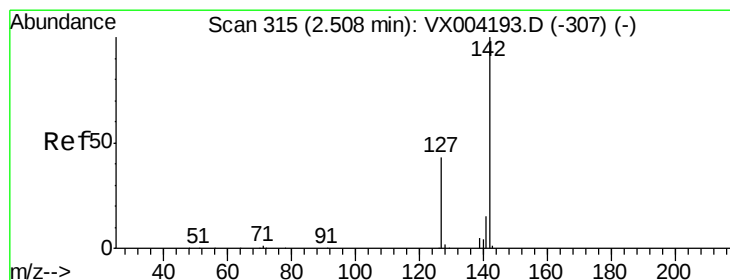
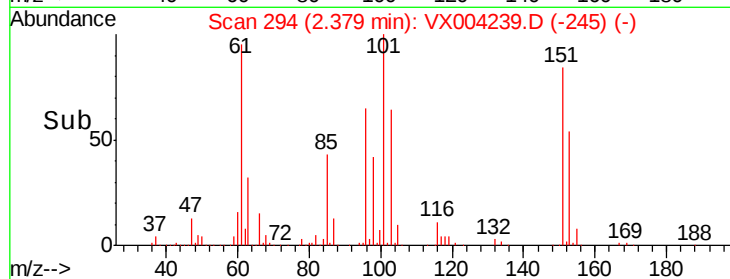
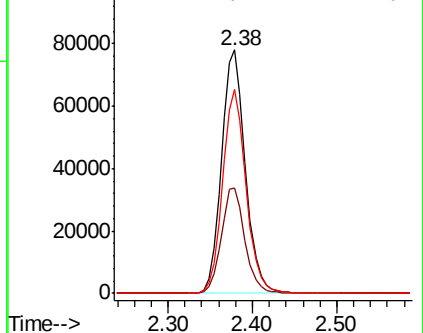
151 82.4 65.0 97.6



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: 44.99 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

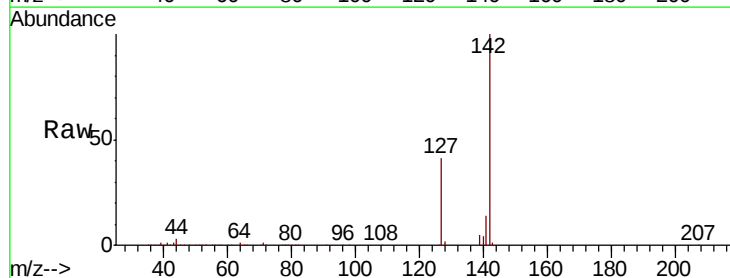
Tgt Ion:142 Resp: 169686

Ion Ratio Lower Upper

142 100

127 41.0 33.8 50.6

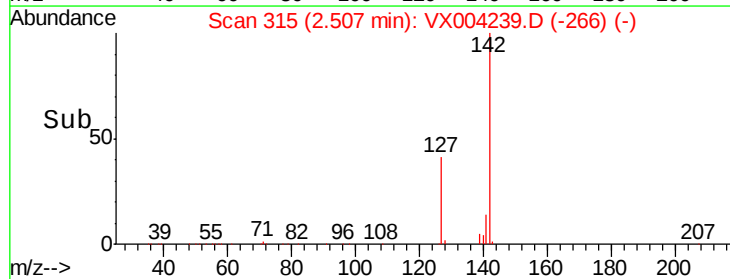
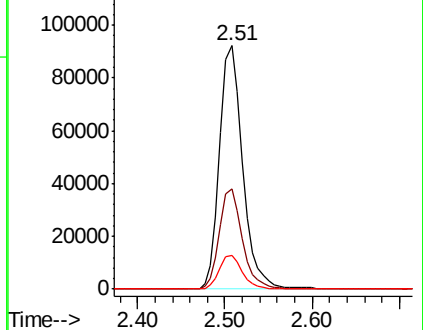
141 13.9 11.4 17.0

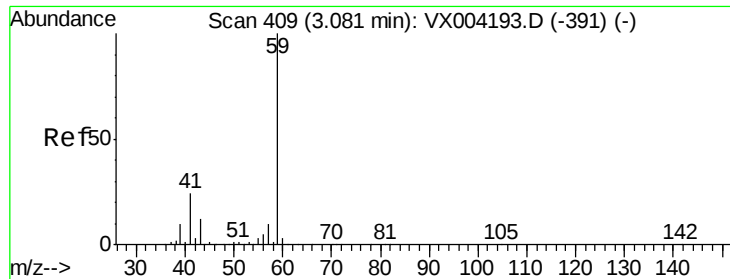


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

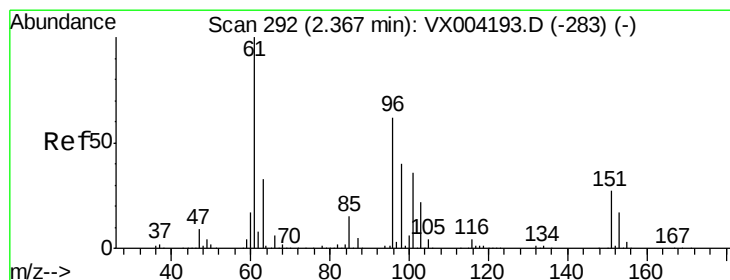
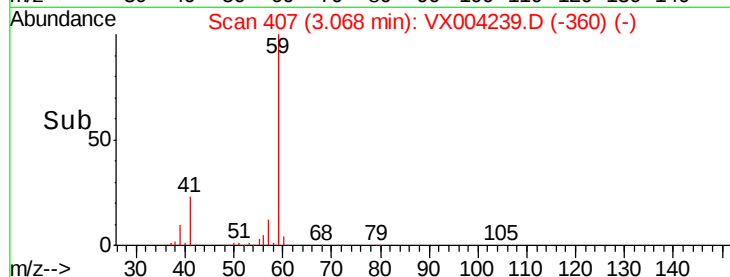
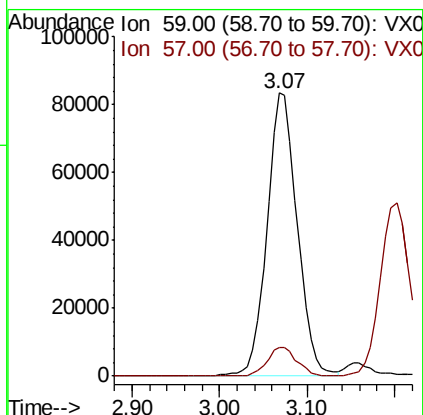
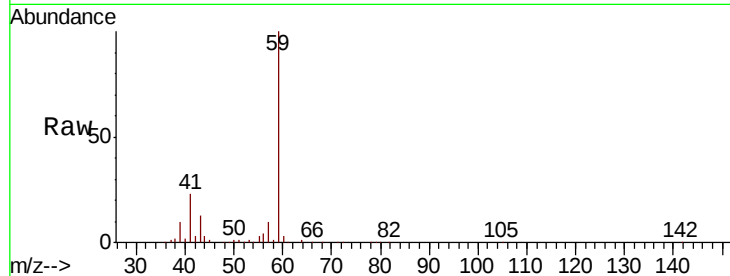




#11
Tert butyl alcohol
Concen: 241.95 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

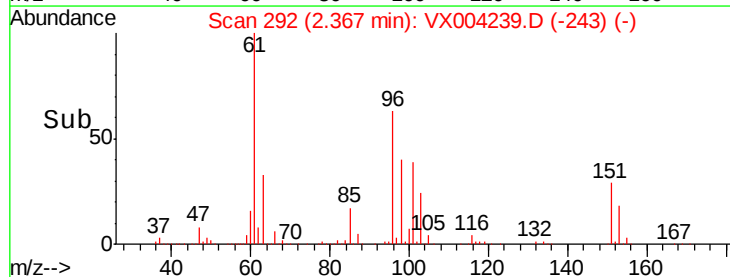
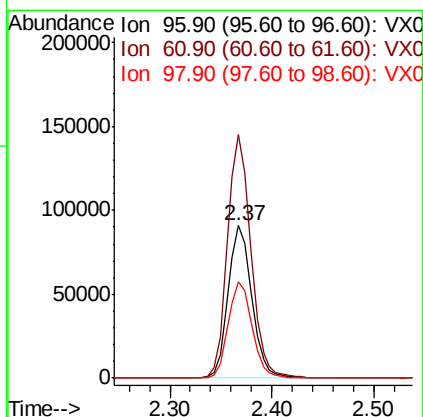
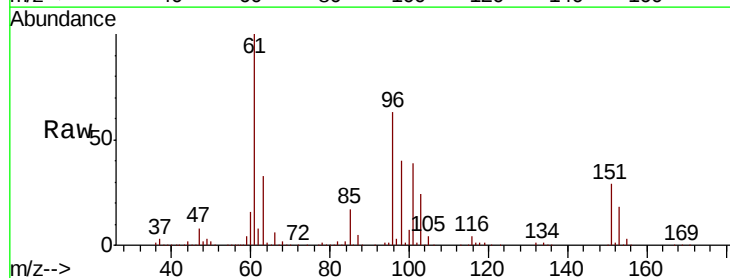
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

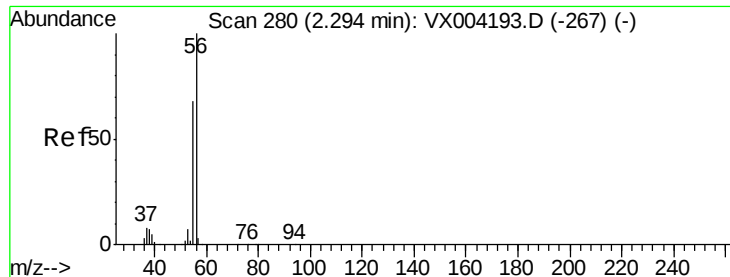
Tot Ion: 59 Resp: 201865
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.84 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 96 Resp: 145839
Ion Ratio Lower Upper
96 100
61 159.5 128.8 193.2
98 63.3 52.2 78.2





#13

Acrolein

Concen: 408.05 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

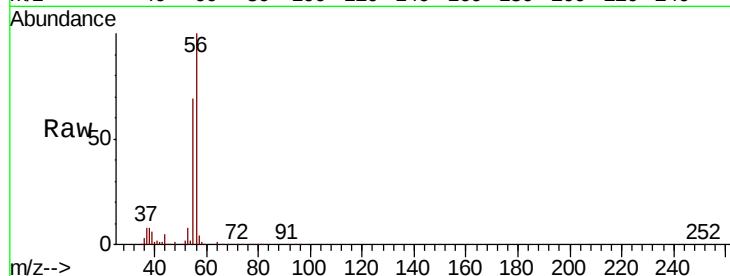
VSTDCCC050

Tot Ion: 56 Resp: 82077

Ion Ratio Lower Upper

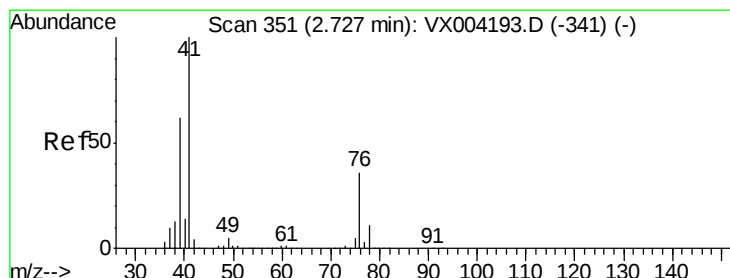
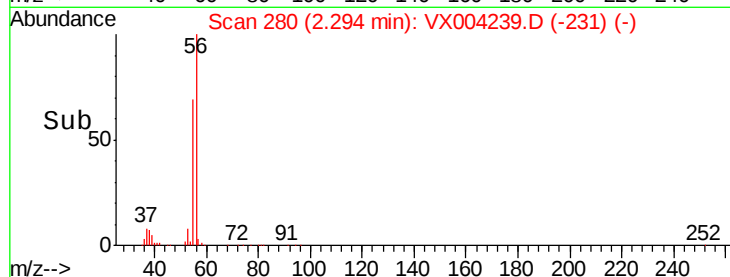
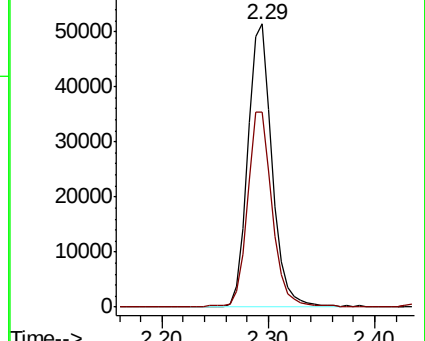
56 100

55 70.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.55 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

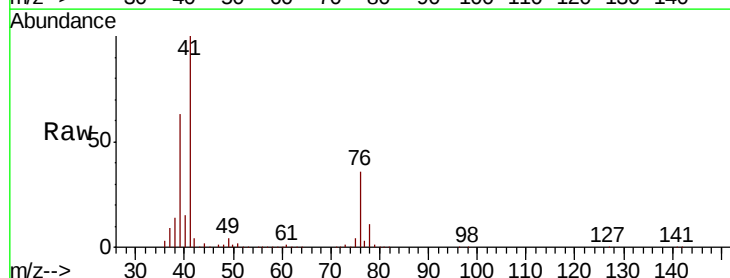
Tgt Ion: 41 Resp: 283773

Ion Ratio Lower Upper

41 100

39 60.6 48.9 73.3

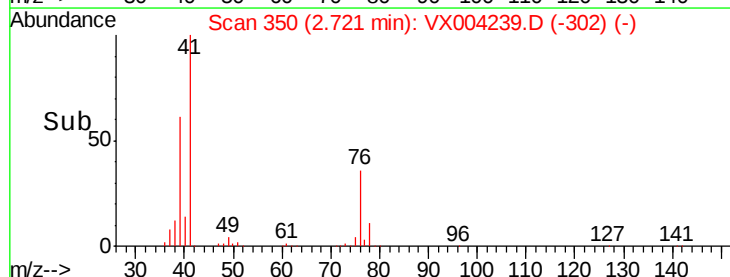
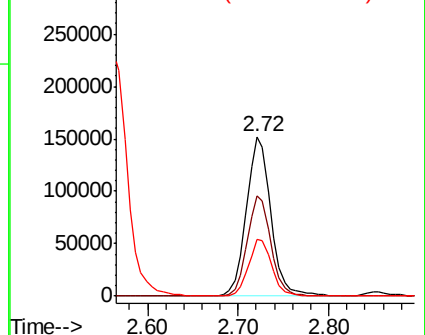
76 34.0 26.7 40.1

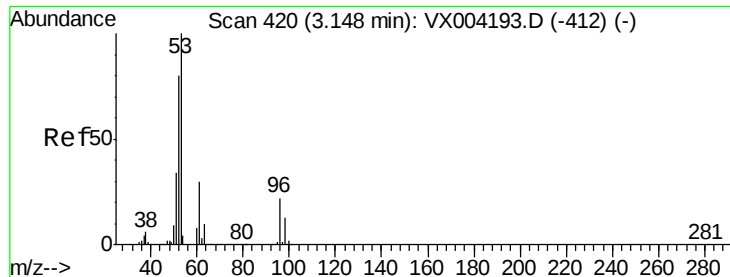


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 237.85 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

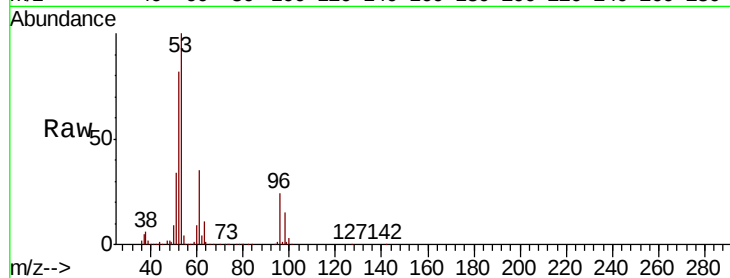
Tot Ion: 53 Resp: 491449

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

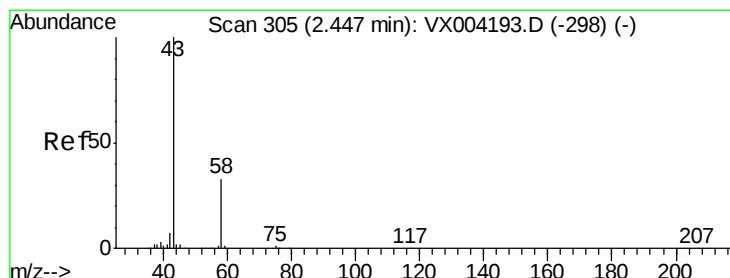
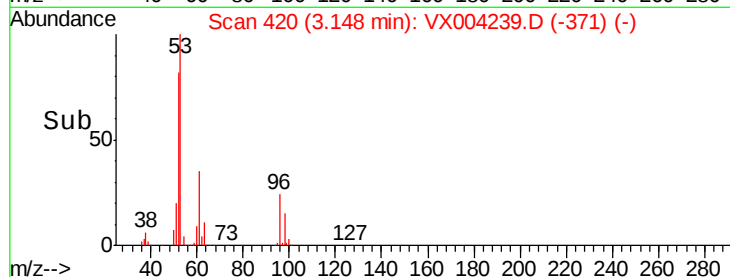
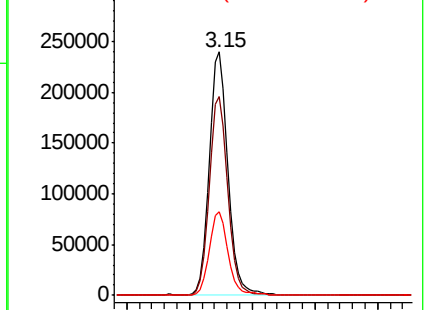
51 34.9 28.2 42.2



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: 264.93 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004239.D

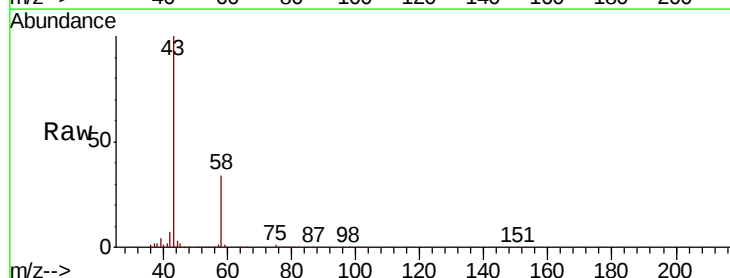
Acq: 24 Aug 2018 11:22

Tgt Ion: 43 Resp: 422532

Ion Ratio Lower Upper

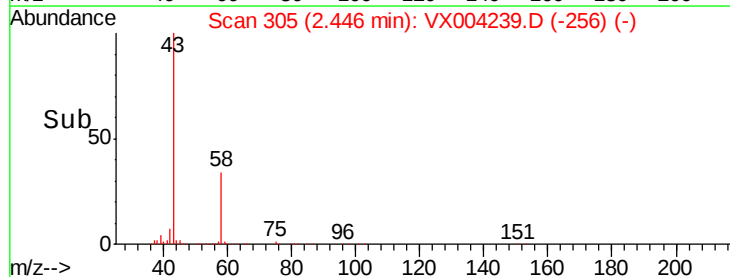
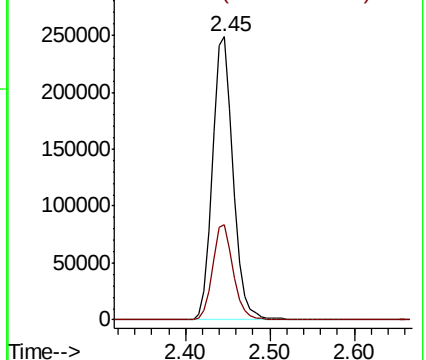
43 100

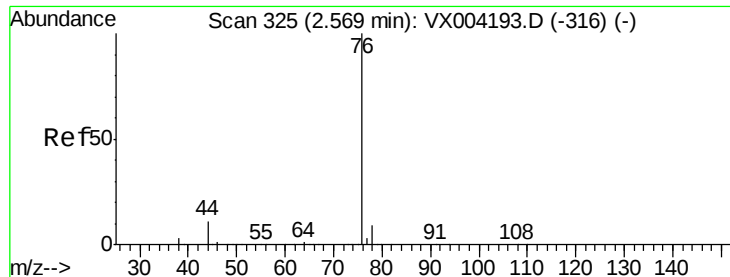
58 33.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

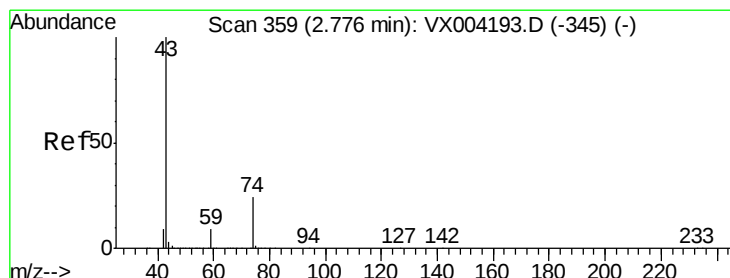
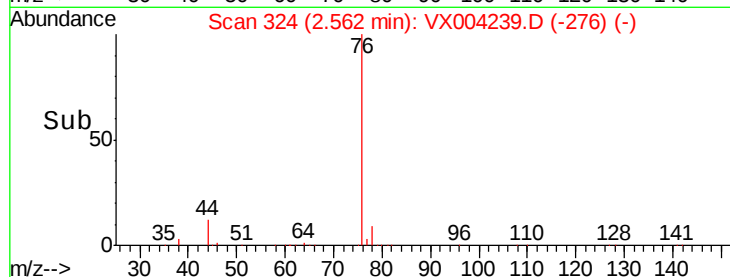
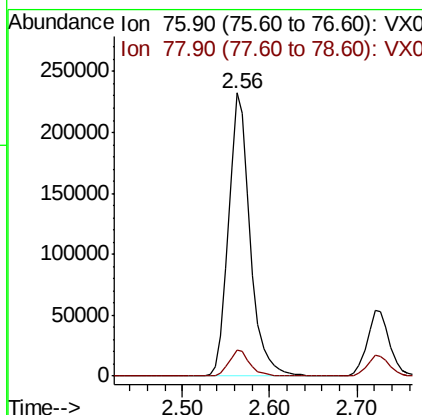
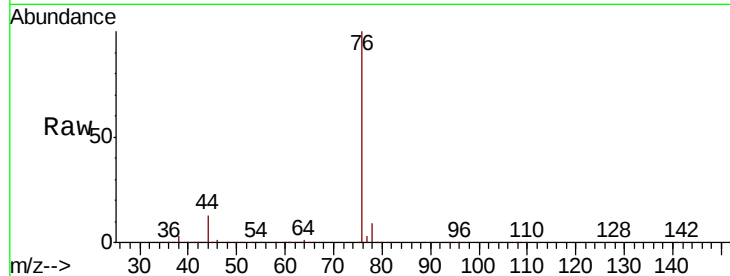




#17
Carbon Disulfide
Concen: 45.19 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

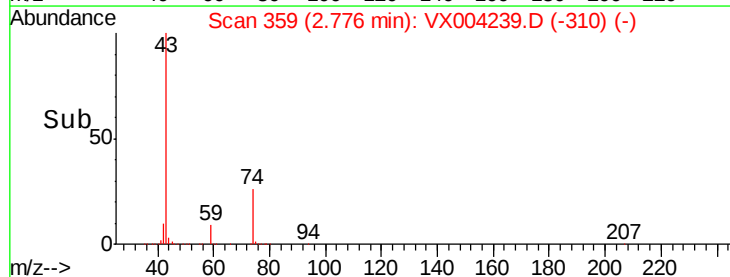
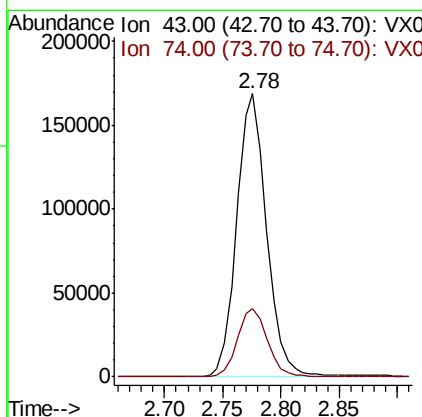
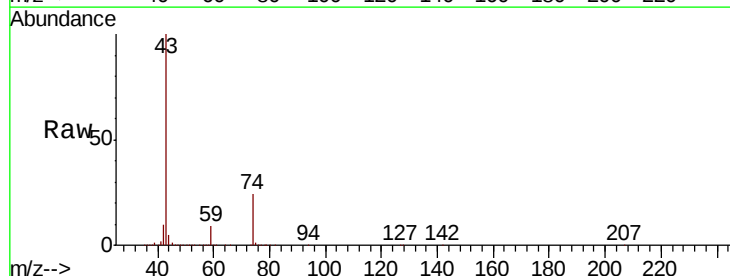
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

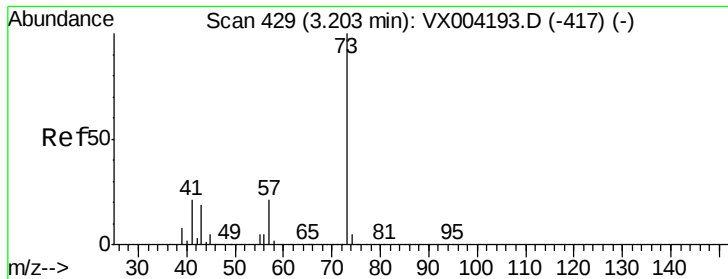
Tot Ion: 76 Resp: 398578
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 51.68 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 43 Resp: 300155
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2

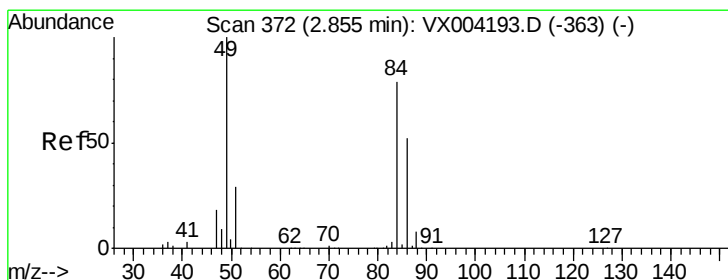
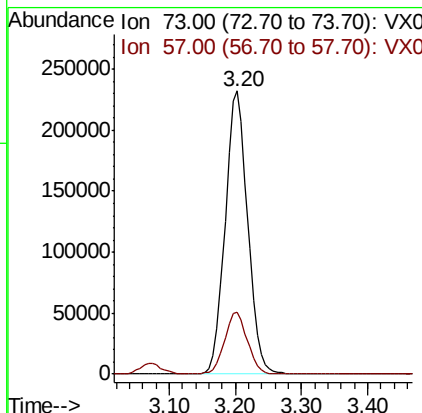
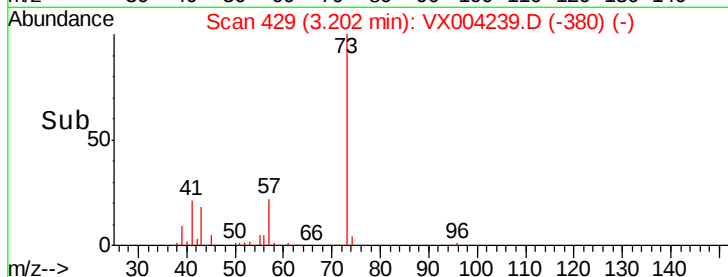
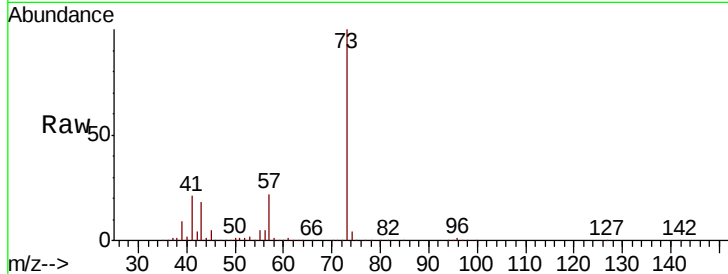




#19
Methyl tert-butyl Ether
Concen: 52.05 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

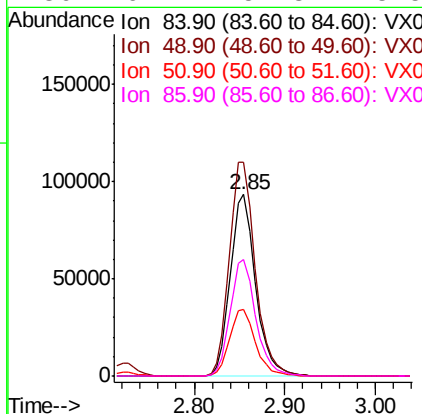
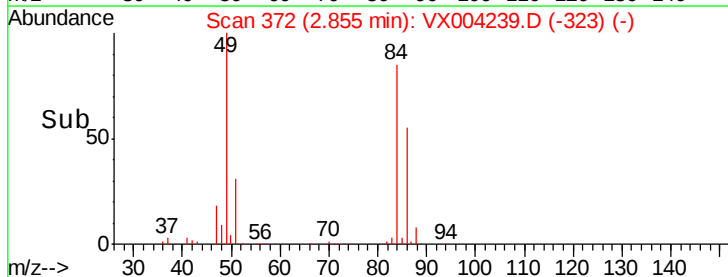
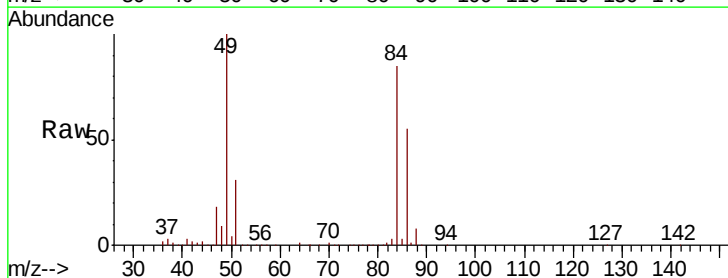
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

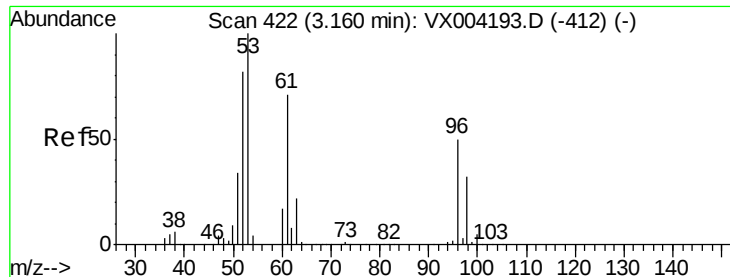
Tot Ion: 73 Resp: 545690
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 48.02 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 84 Resp: 180923
Ion Ratio Lower Upper
84 100
49 117.6 101.2 151.8
51 36.7 29.5 44.3
86 64.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.18 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

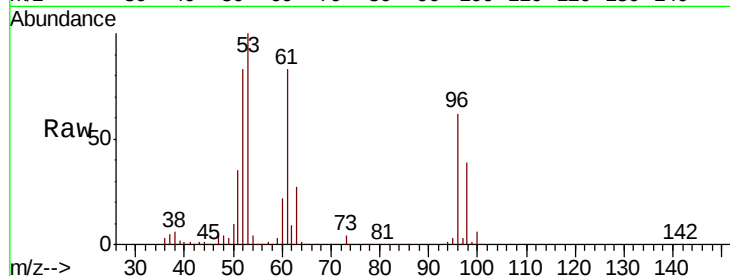
Tot Ion: 96 Resp: 166120

Ion Ratio Lower Upper

96 100

61 133.8 113.8 170.6

98 63.1 51.8 77.8

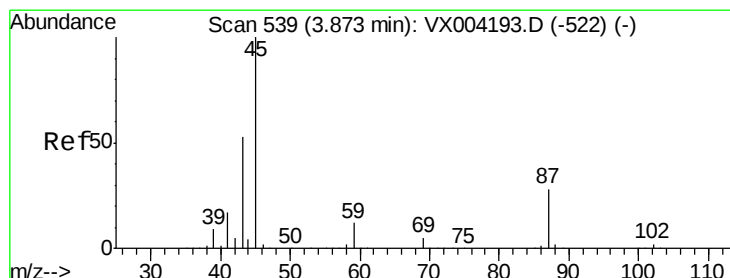
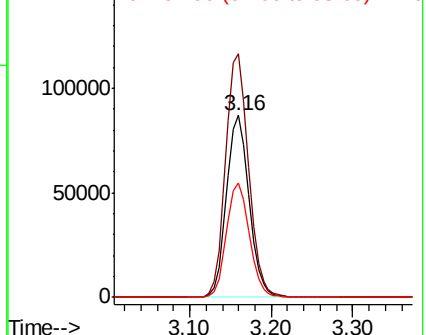
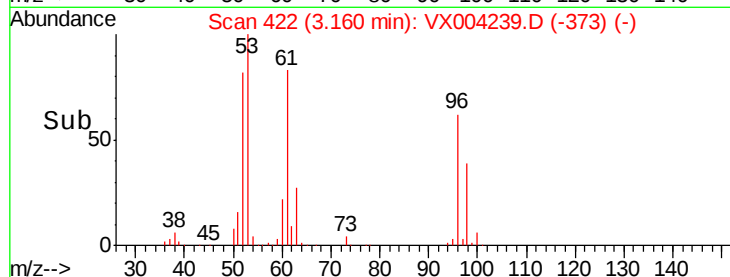


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.72 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Tgt Ion: 45 Resp: 542566

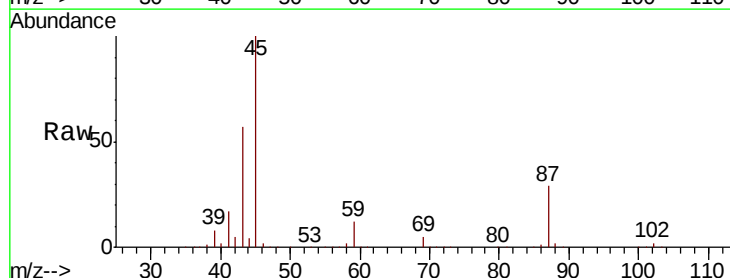
Ion Ratio Lower Upper

45 100

43 56.8 42.8 64.2

87 28.9 22.6 34.0

59 11.9 9.6 14.4



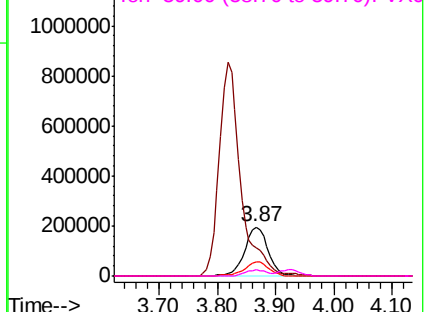
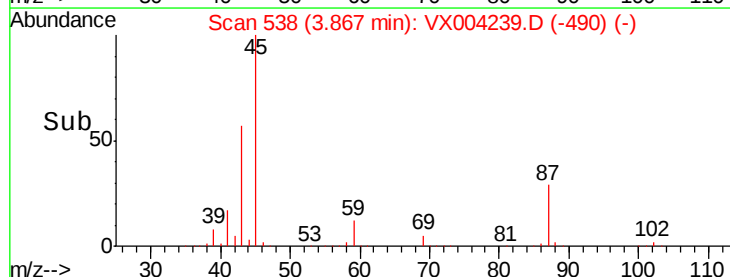
Abundance

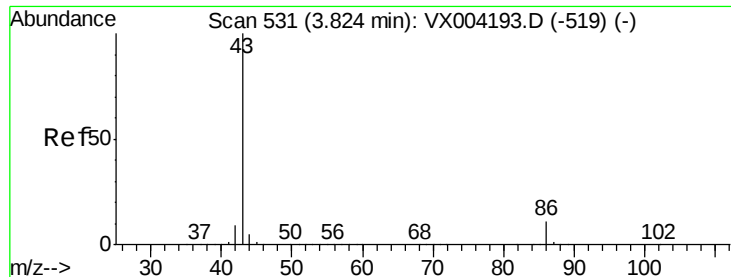
Ion 45.00 (44.70 to 45.70): VX0

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: 248.83 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

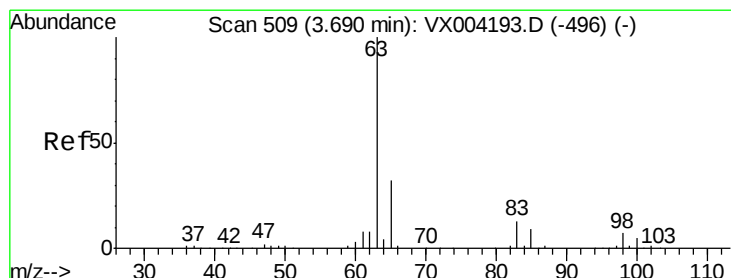
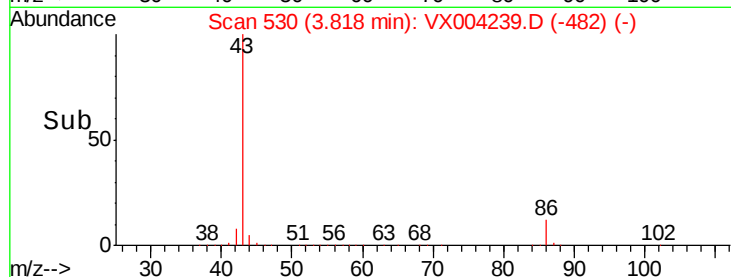
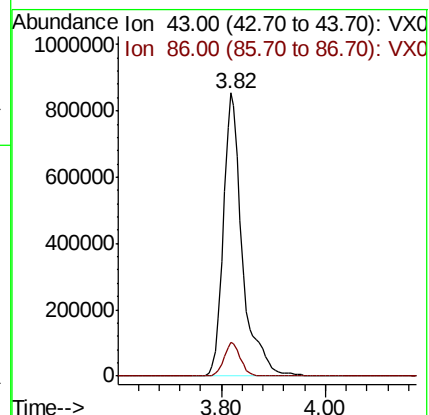
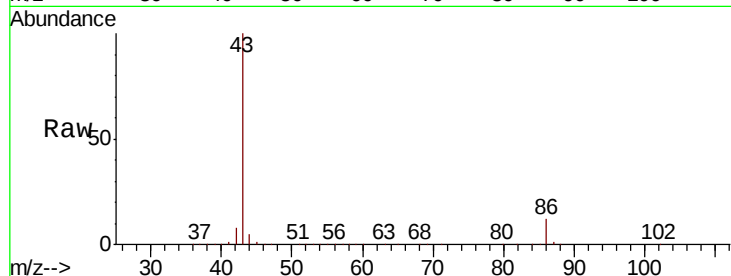
VSTDCCC050

Tot Ion: 43 Resp: 2200974

Ion Ratio Lower Upper

43 100

86 11.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 48.78 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

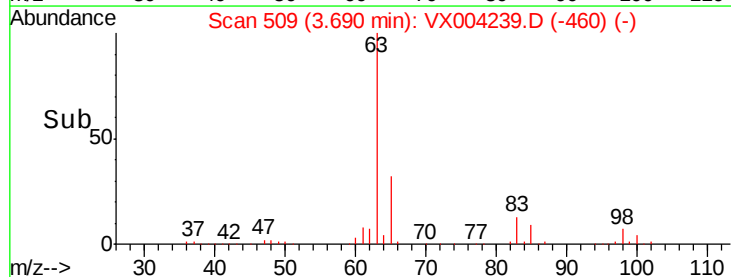
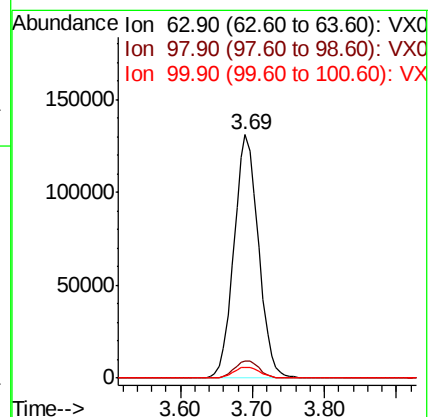
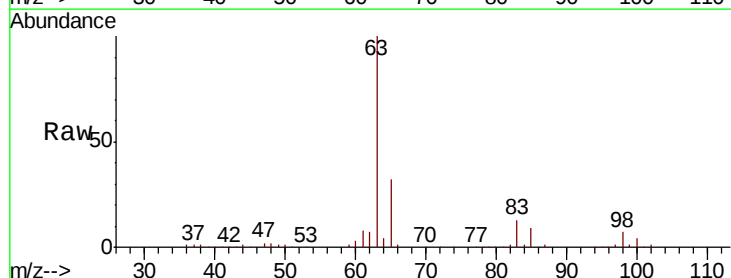
Tgt Ion: 63 Resp: 310252

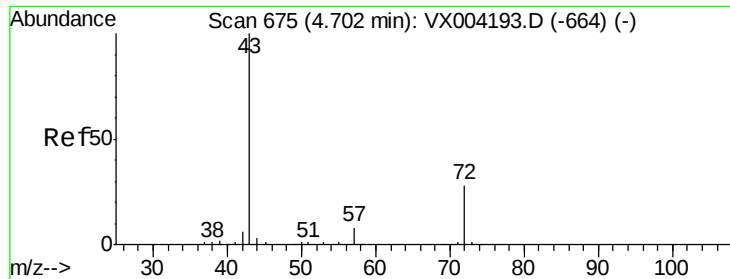
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 246.53 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

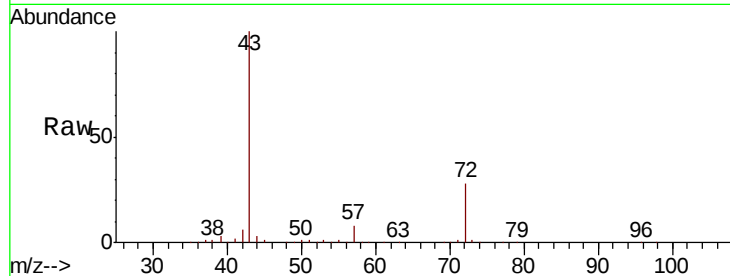
VSTDCCC050

Tot Ion: 43 Resp: 646679

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

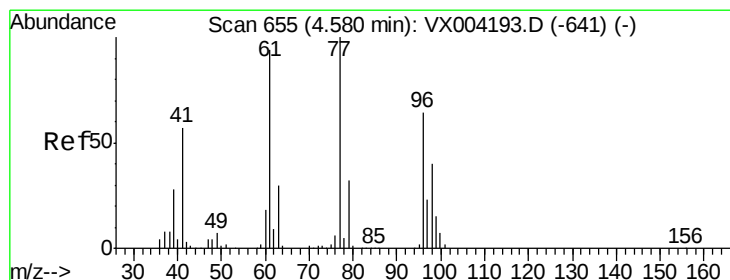
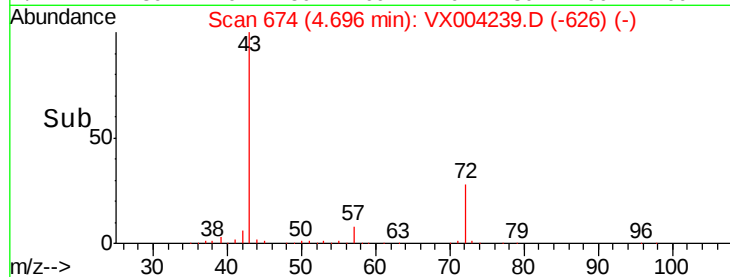
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.92 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004239.D

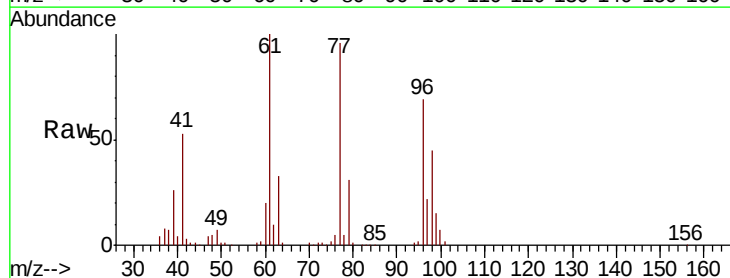
Acq: 24 Aug 2018 11:22

Tgt Ion: 77 Resp: 244009

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

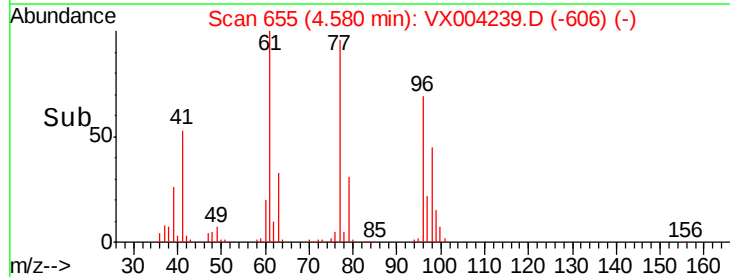
40000

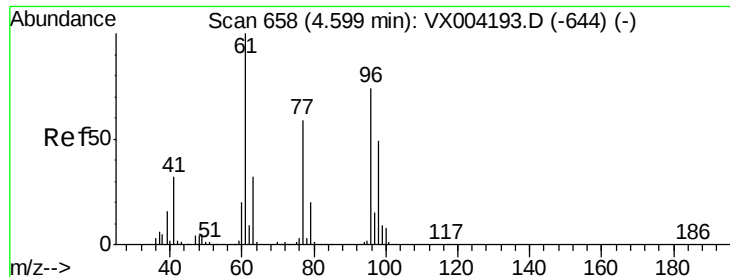
20000

0

4.40 4.50 4.60 4.70

Time-->



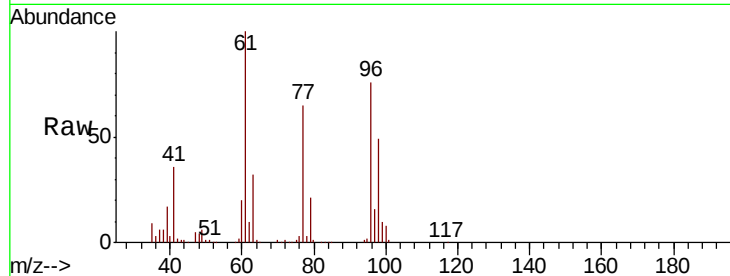


#27

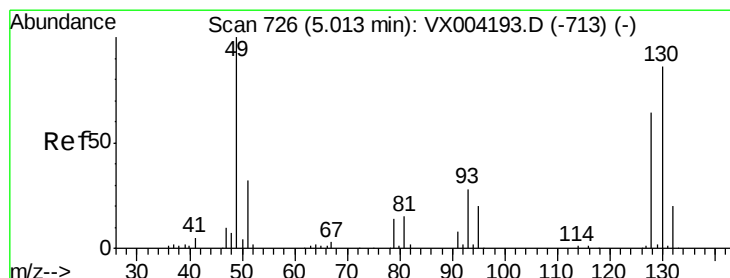
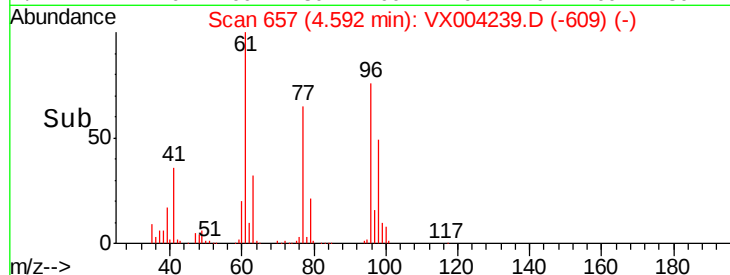
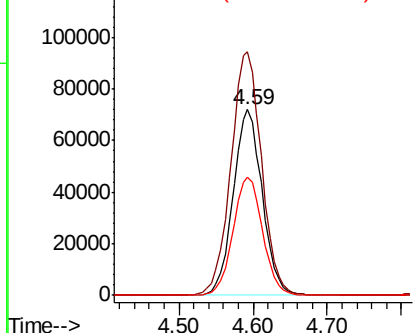
cis-1,2-Dichloroethene
 Concen: 49.17 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 196360
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 282.6
 98 64.9 0.0 130.2



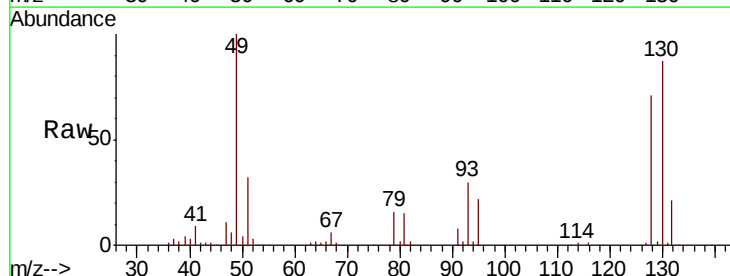
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



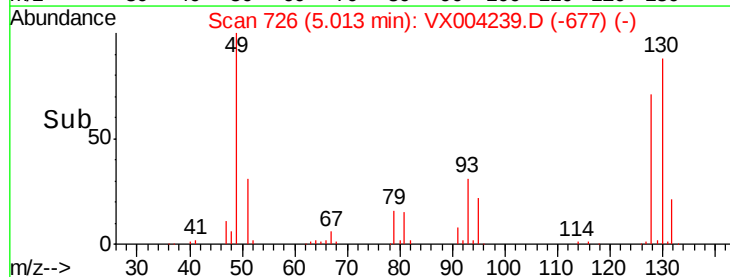
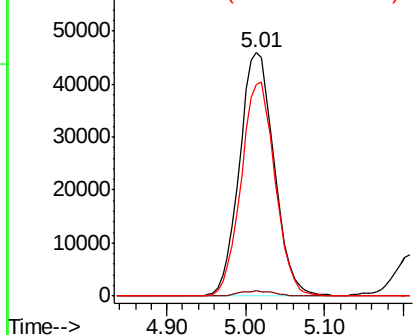
#28

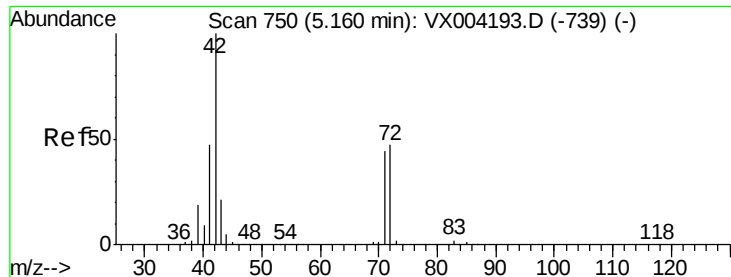
Bromochloromethane
 Concen: 49.99 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion: 49 Resp: 140758
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 85.9 67.5 101.3



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

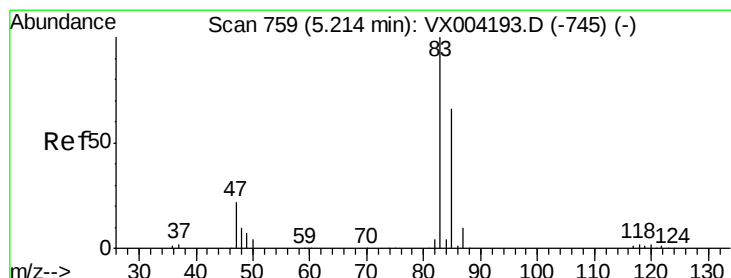
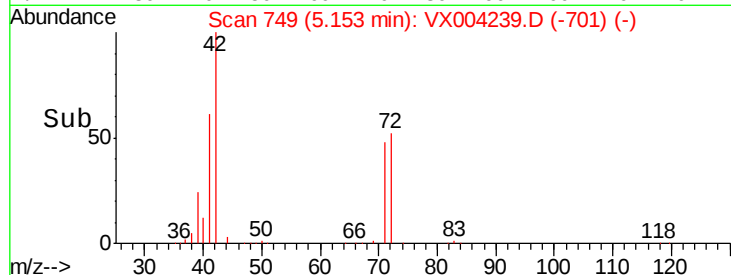
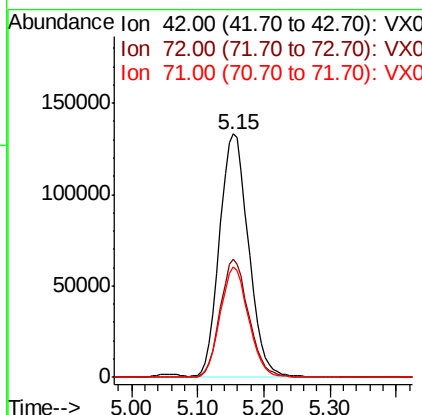
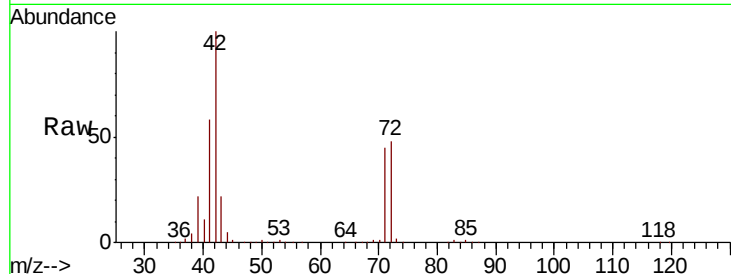




#29
Tetrahydrofuran
Concen: 240.52 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

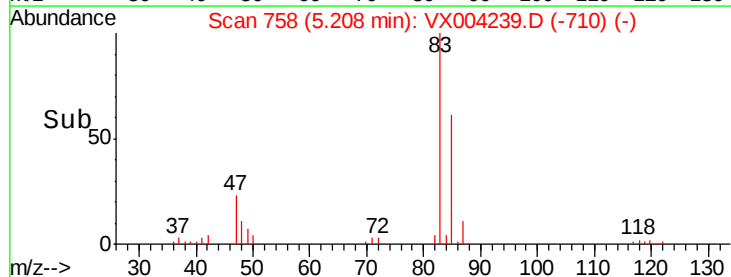
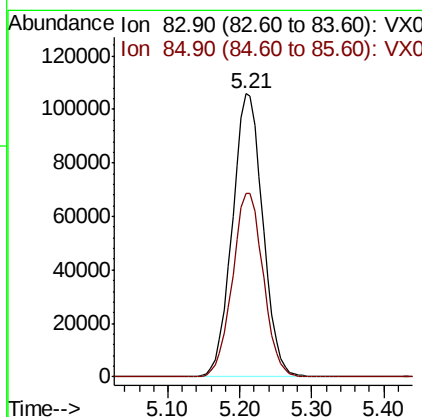
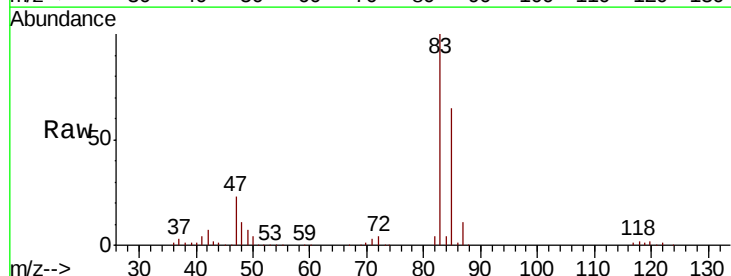
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

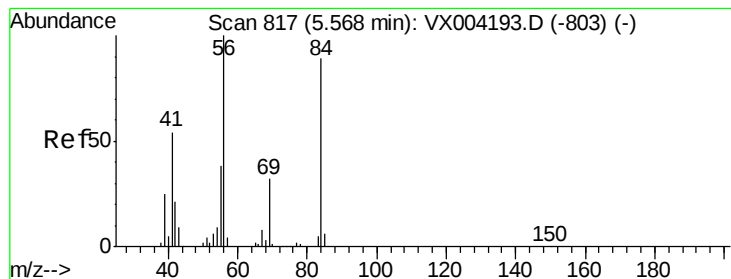
Tot Ion: 42 Resp: 404466
Ion Ratio Lower Upper
42 100
72 47.7 37.4 56.0
71 44.5 34.5 51.7



#30
Chloroform
Concen: 48.87 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 83 Resp: 311662
Ion Ratio Lower Upper
83 100
85 64.6 52.6 79.0





#31

Cyclohexane

Concen: 44.89 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

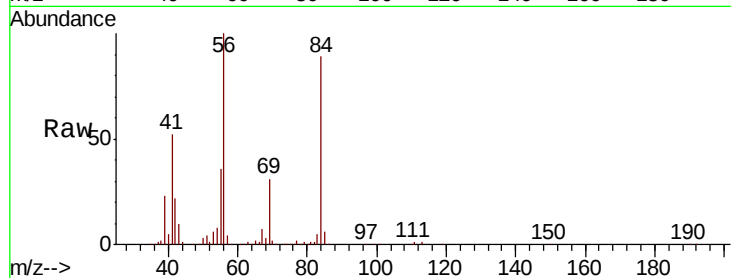
Tot Ion: 56 Resp: 246313

Ion Ratio Lower Upper

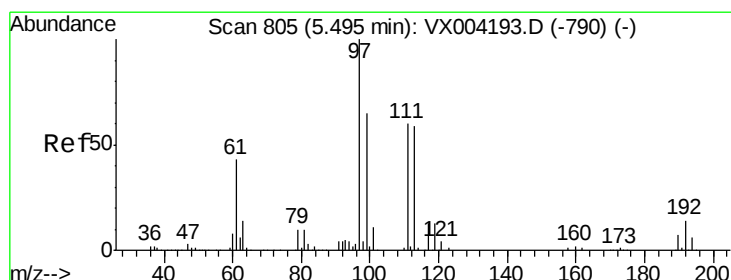
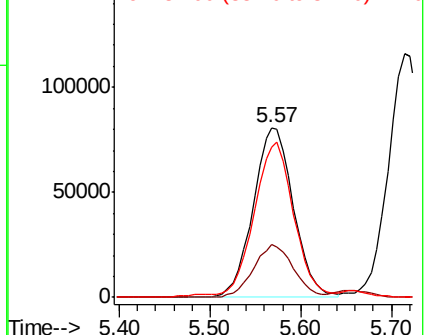
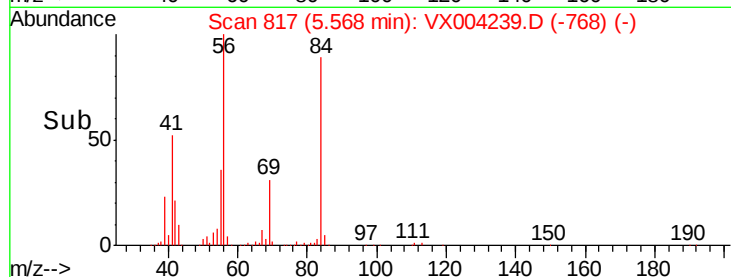
56 100

69 31.2 25.4 38.2

84 87.5 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 47.35 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

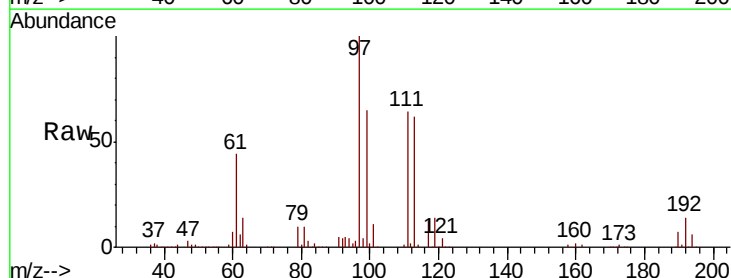
Tgt Ion: 97 Resp: 251771

Ion Ratio Lower Upper

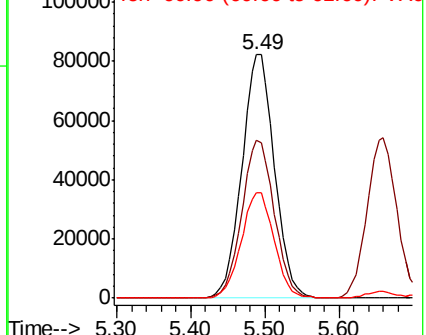
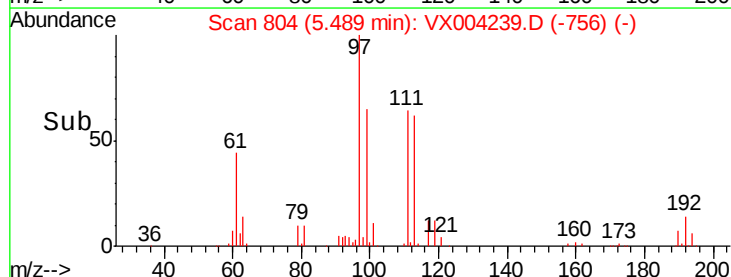
97 100

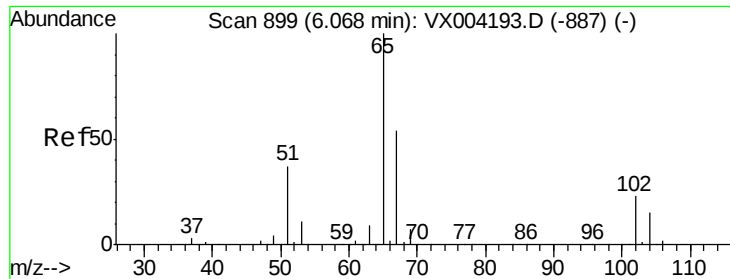
99 64.7 52.0 78.0

61 43.9 34.9 52.3



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

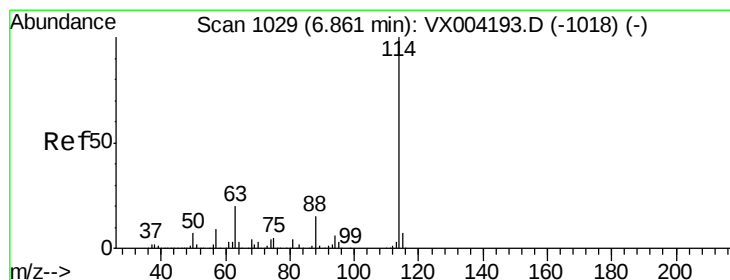
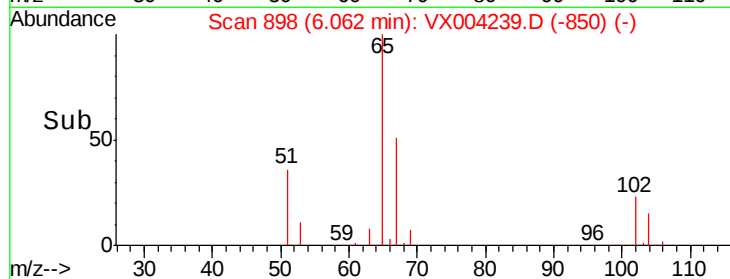
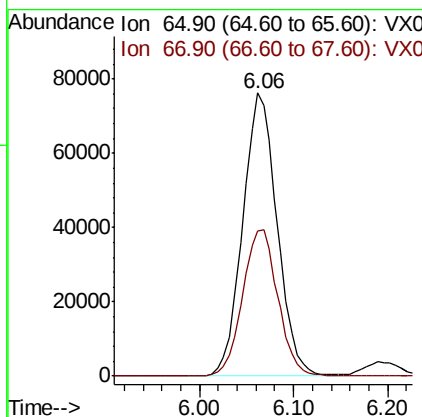
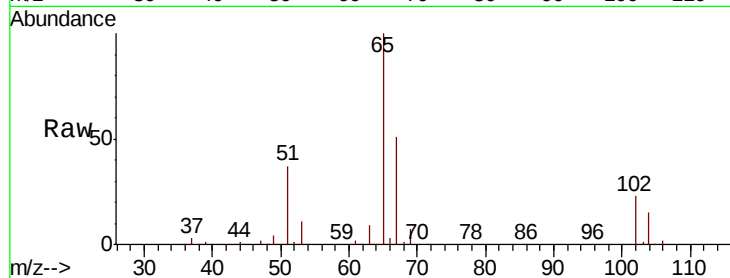




#33
 1,2-Dichloroethane-d4
 Concen: 49.87 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

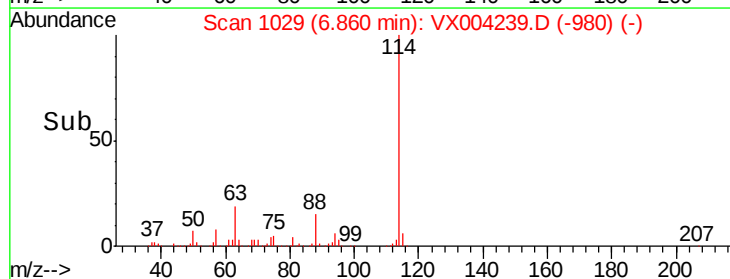
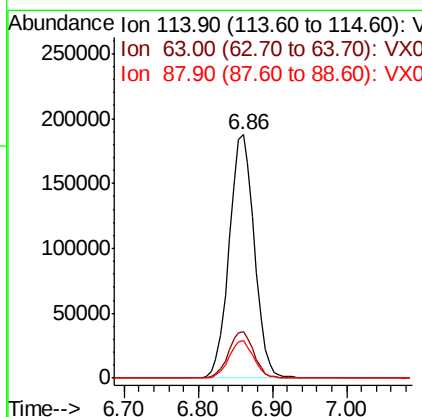
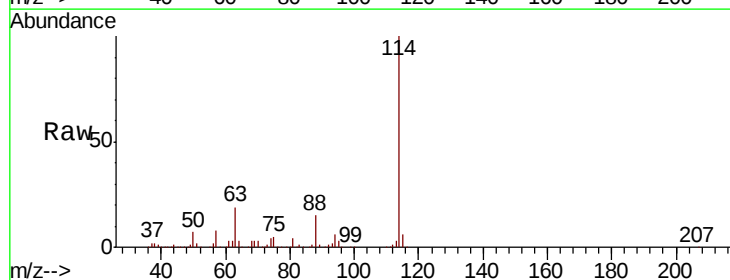
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

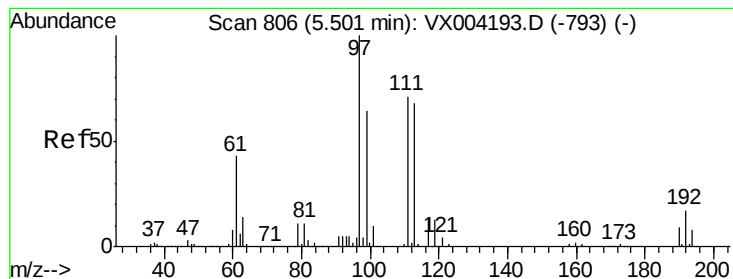
Tot Ion: 65 Resp: 195212
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion:114 Resp: 444660
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.62 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

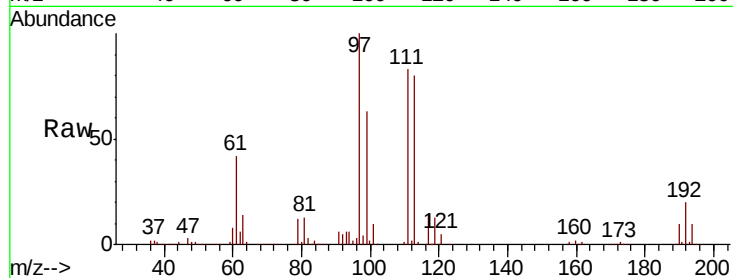
Tot Ion:113 Resp: 167457

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

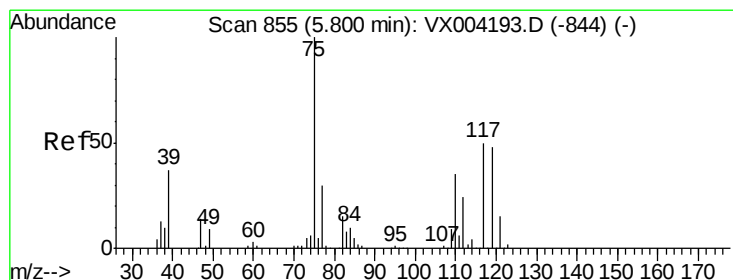
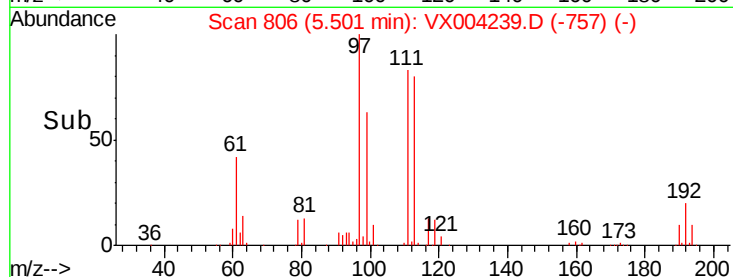
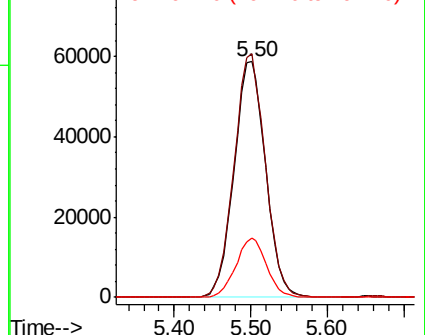
192 24.4 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.41 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

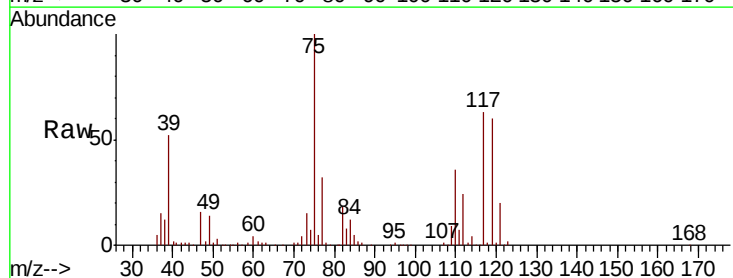
Tgt Ion: 75 Resp: 226988

Ion Ratio Lower Upper

75 100

110 36.8 18.0 54.0

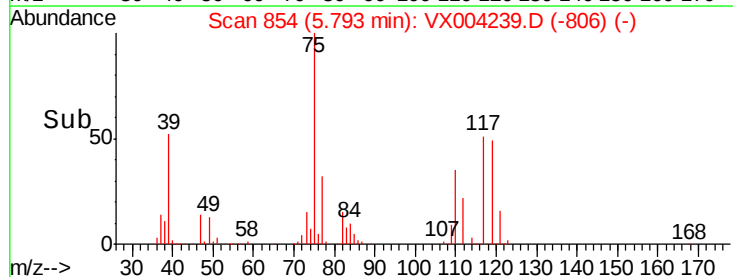
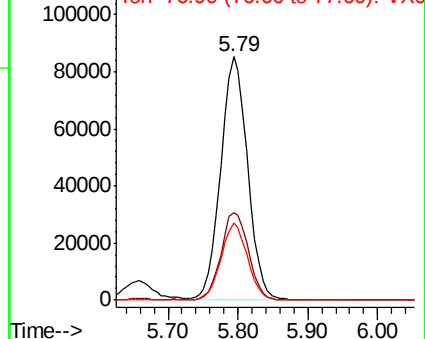
77 30.9 24.6 36.8

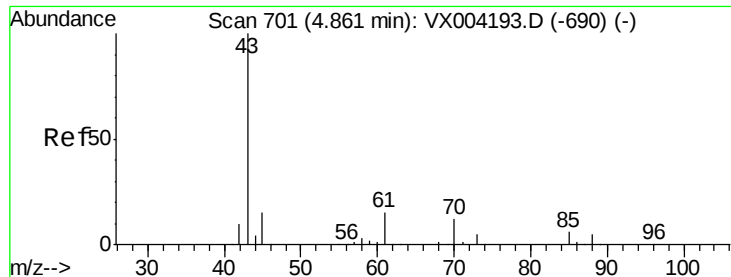


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.12 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

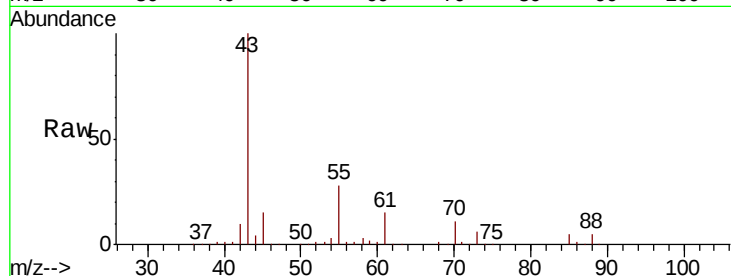
Tot Ion: 43 Resp: 236575

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

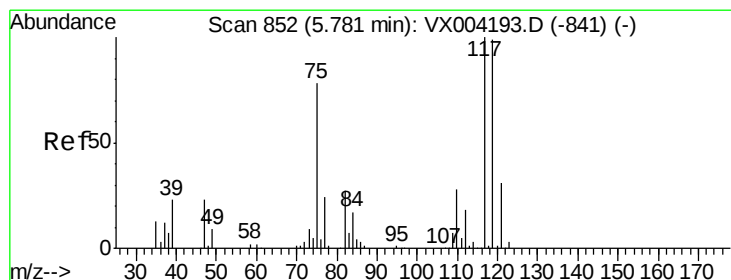
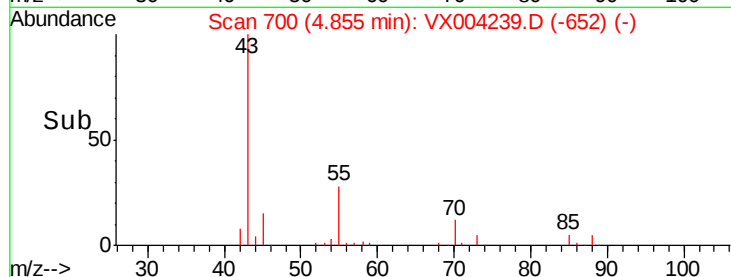
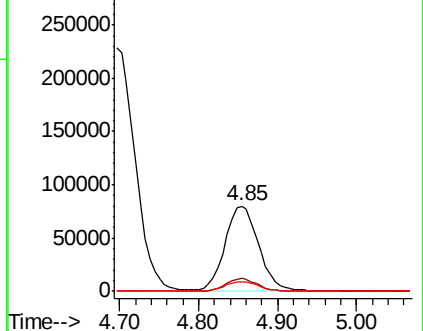
70 11.6 9.0 13.6



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: 45.35 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

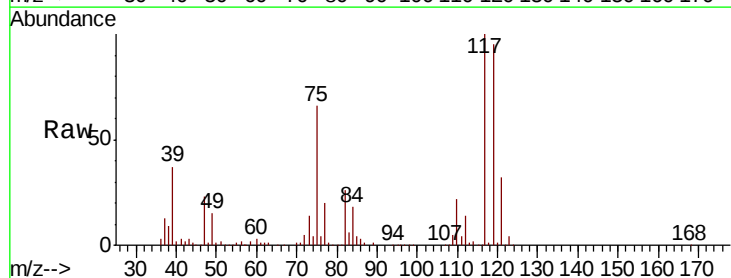
Tgt Ion: 117 Resp: 213285

Ion Ratio Lower Upper

117 100

119 95.2 78.8 118.2

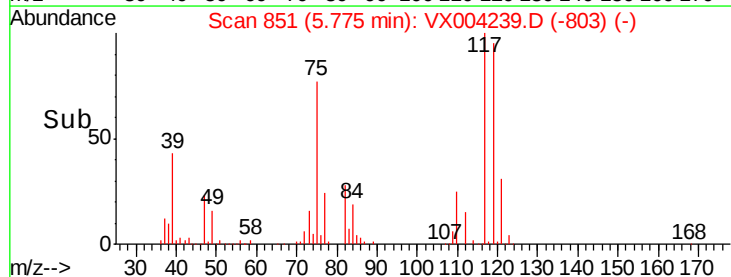
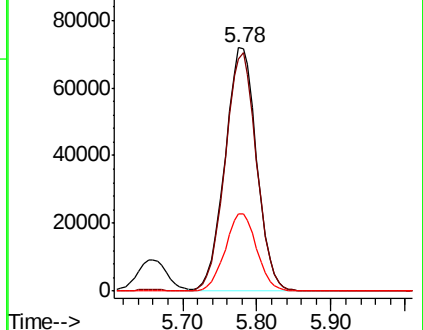
121 31.5 24.9 37.3

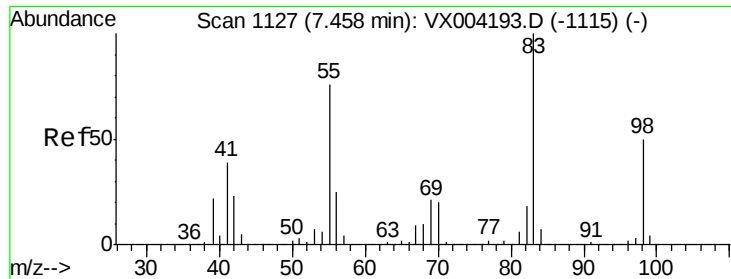


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

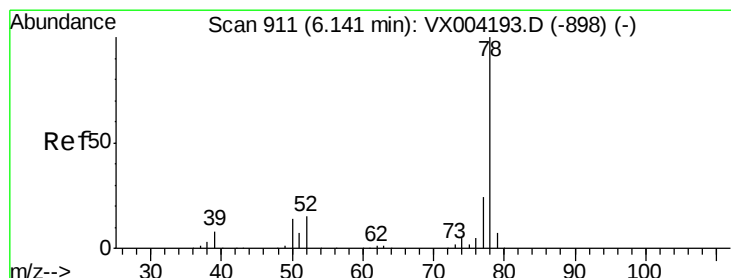
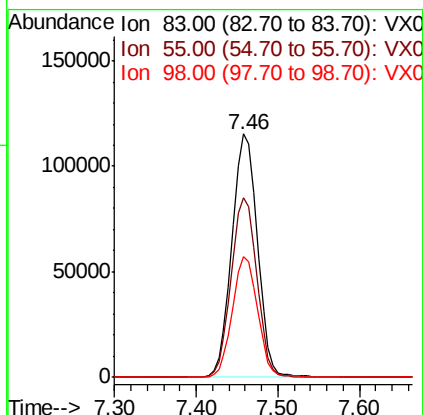
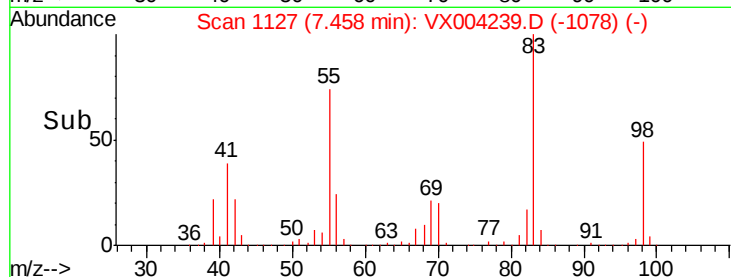
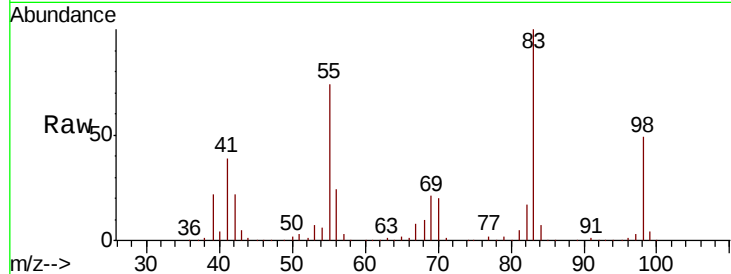




#39
Methvlcvclohexane
Concen: 43.61 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

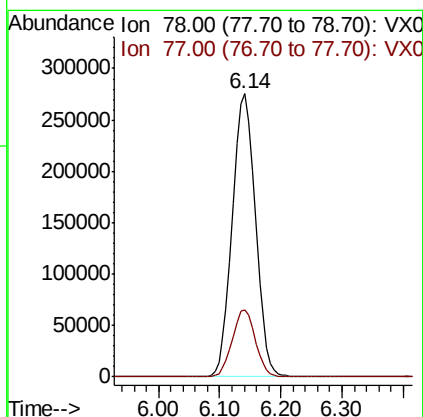
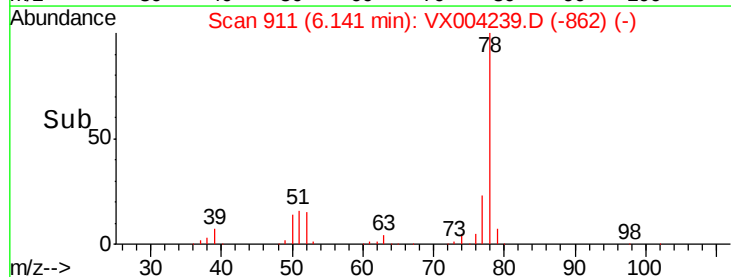
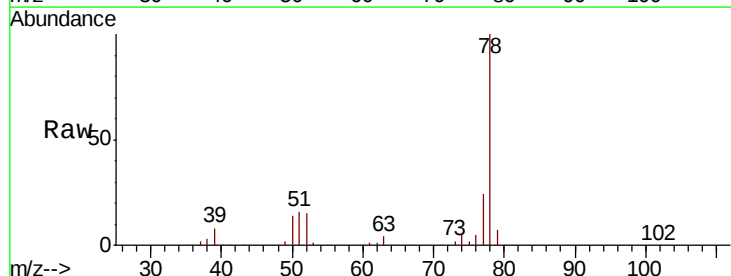
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

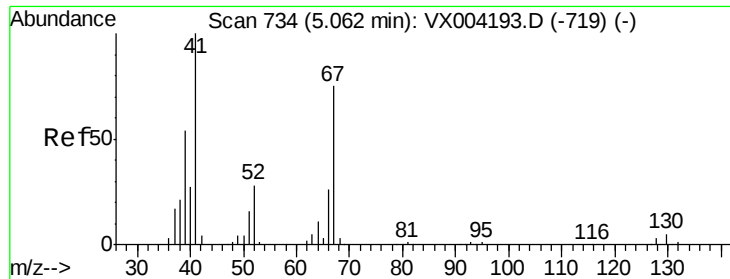
Tot Ion	83.00	Resp	248899
Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.0	91.4
98	49.5	39.6	59.4



#40
Benzene
Concen: 48.16 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion	78	Resp	719322
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4

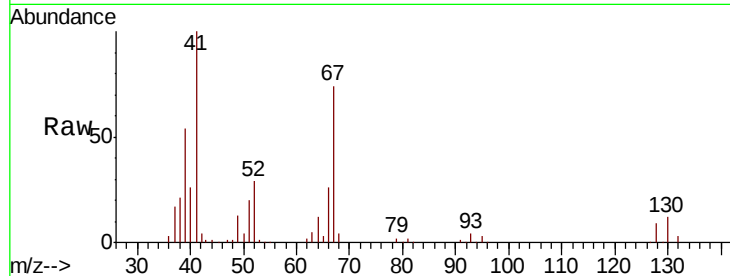




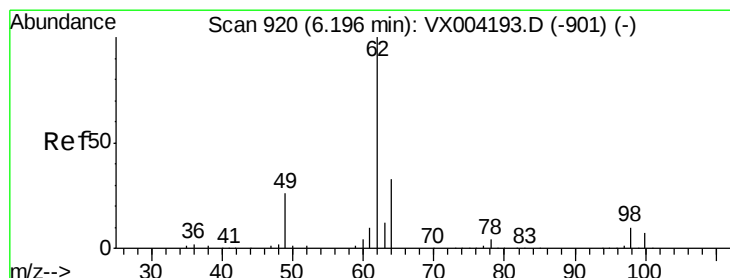
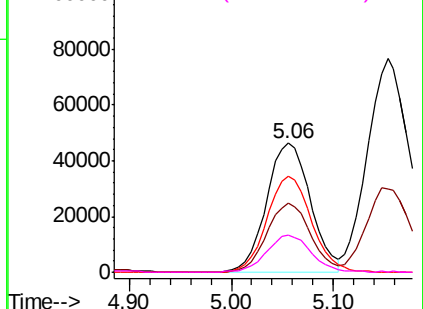
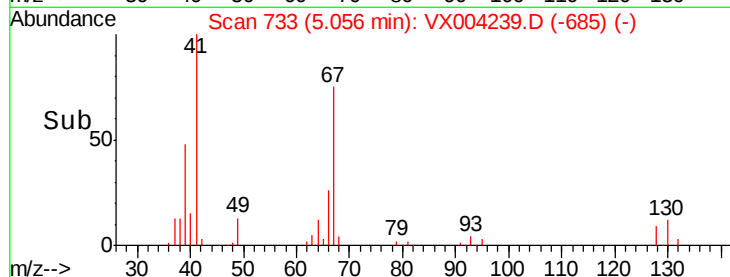
#41
Methacrylonitrile
Concen: 48.74 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	138894
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	75.4	59.2	88.8
52	28.9	23.0	34.4

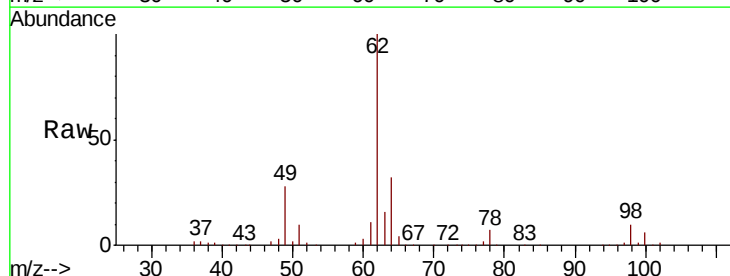


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

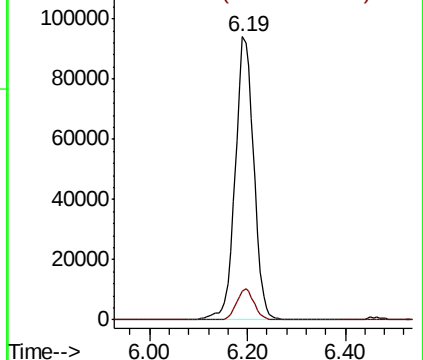
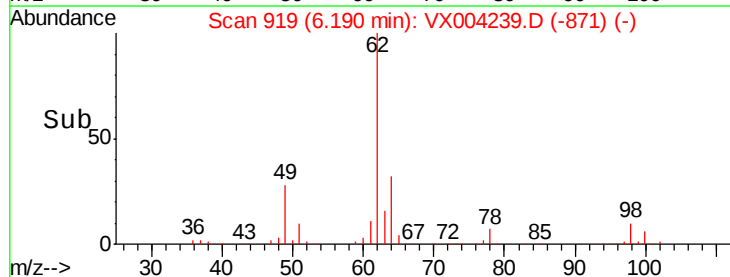


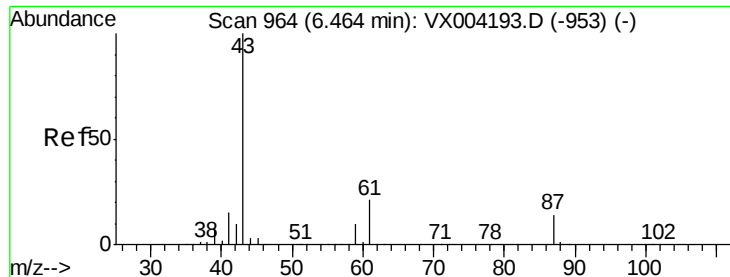
#42
1,2-Dichloroethane
Concen: 48.62 ug/l
RT: 6.19 min Scan# 919
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion:	62	Resp:	247705
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



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



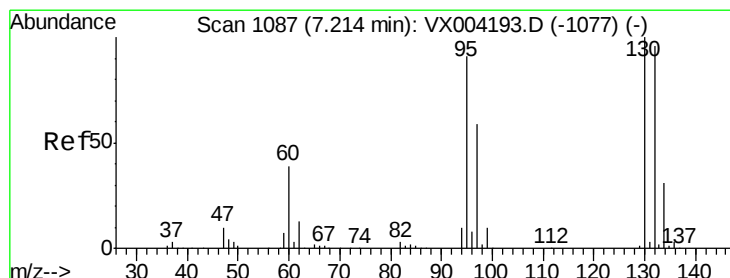
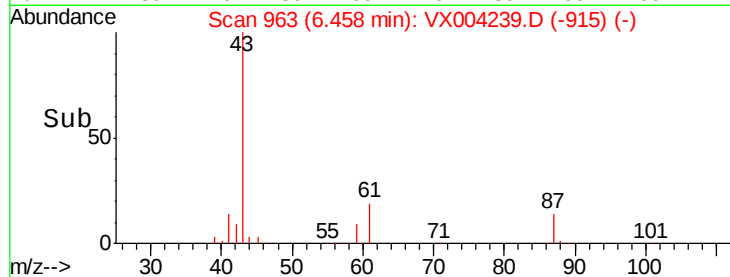
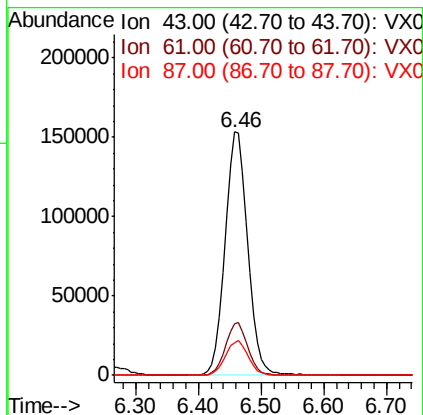
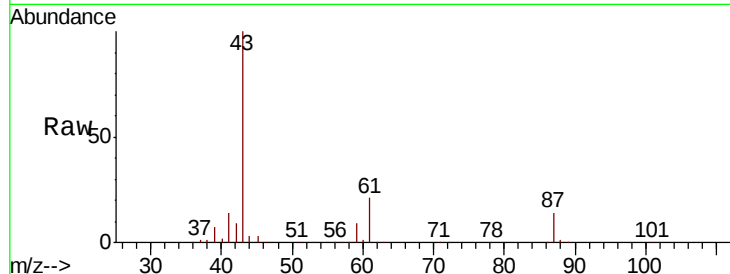


#43

Isopropyl Acetate
 Concen: 50.56 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

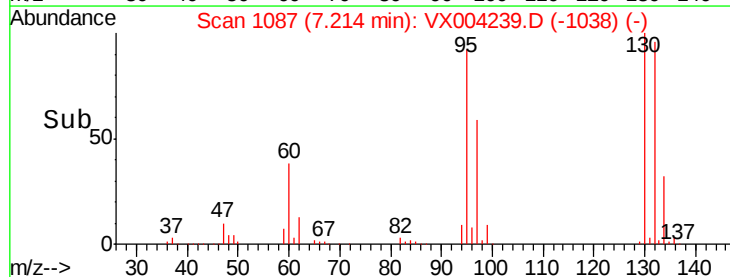
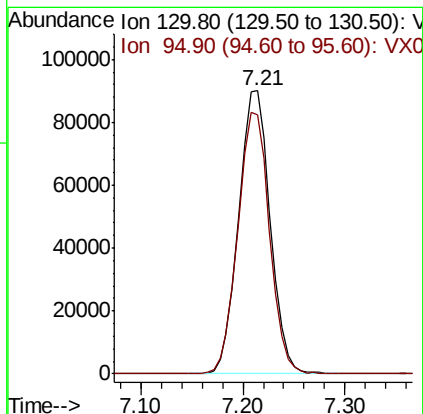
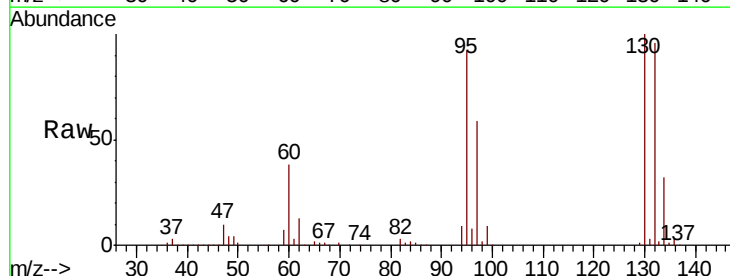
Tot Ion	43	Resp	381995
Ion Ratio	Lower	Upper	
43	100		
61	21.4	17.0	25.4
87	14.4	11.4	17.2

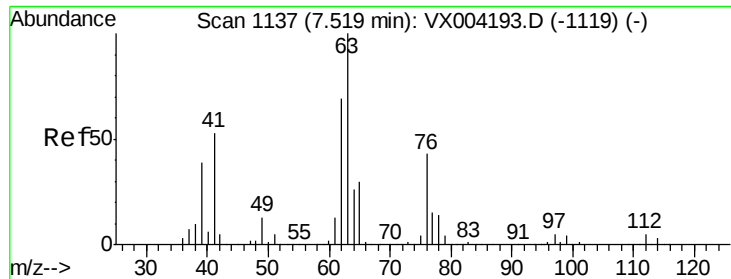


#44

Trichloroethene
 Concen: 46.93 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion	130	Resp	194051
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	181.6

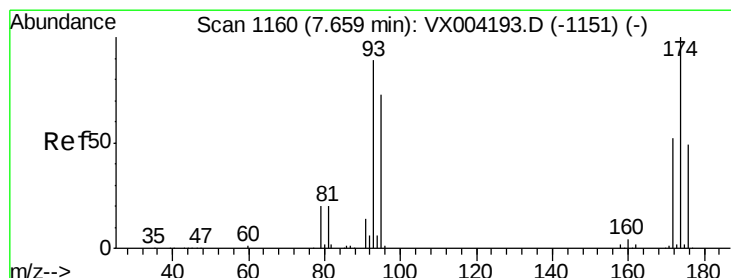
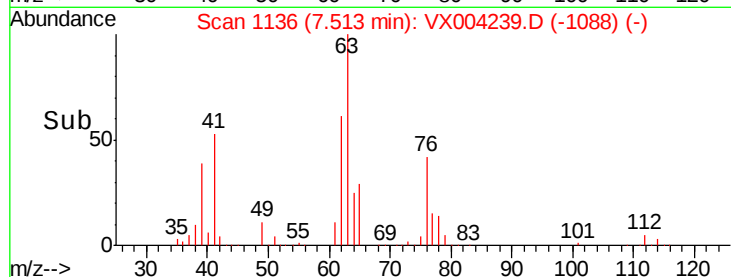
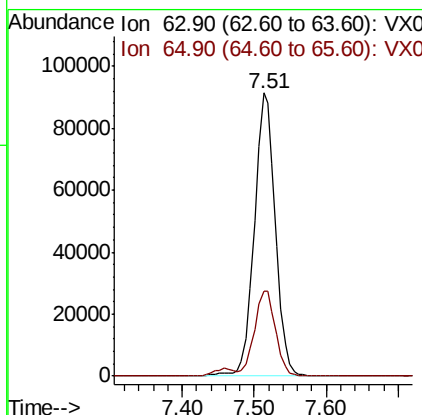
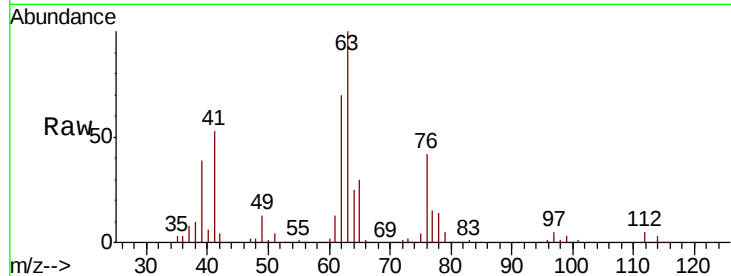




#45
 1,2-Dichloropropane
 Concen: 49.61 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

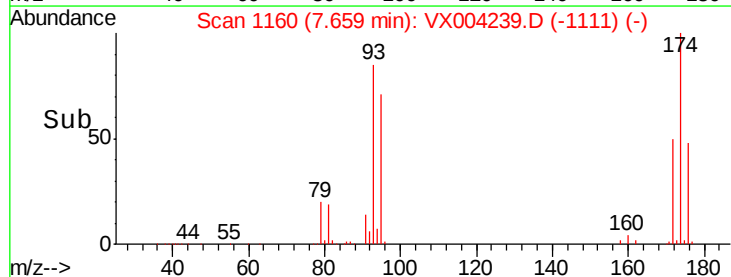
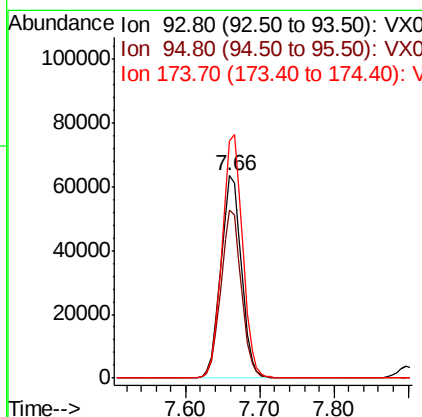
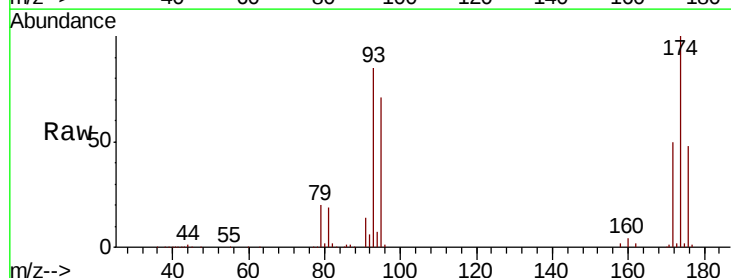
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

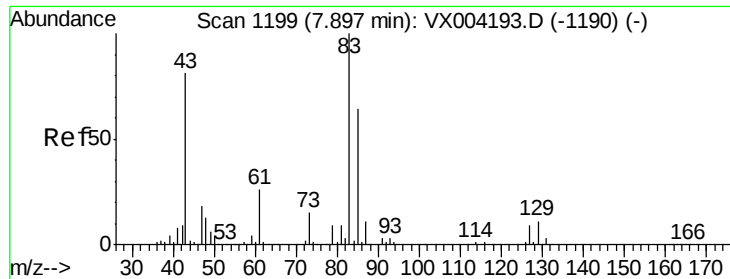
Tot Ion: 63 Resp: 185482
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5



#46
 Dibromomethane
 Concen: 49.08 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion: 93 Resp: 122160
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.5 98.3
 174 119.7 94.2 141.4





#47

Bromodichloromethane

Concen: 50.65 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

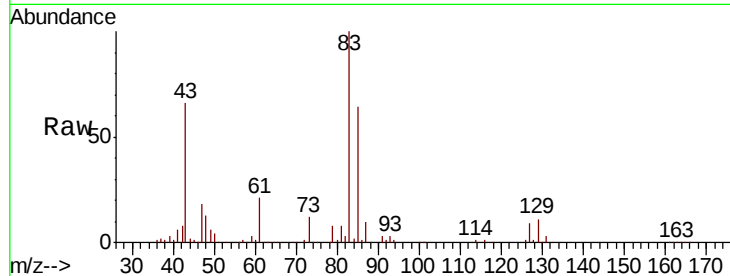
Tot Ion: 83 Resp: 234607

Ion Ratio Lower Upper

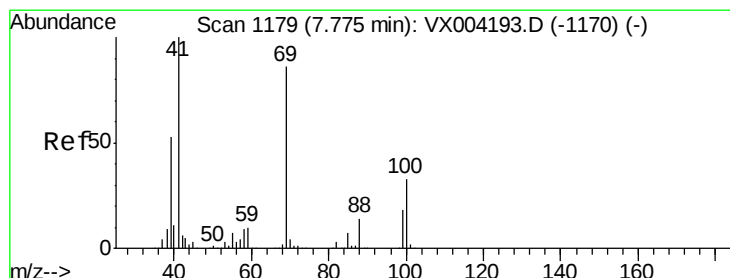
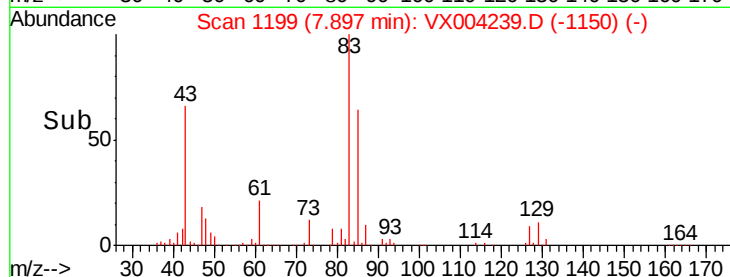
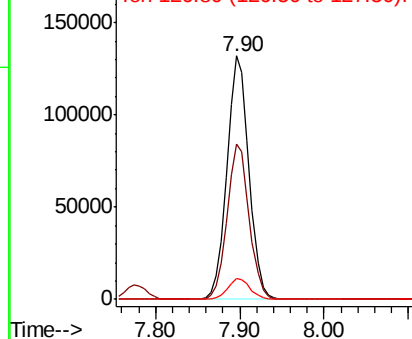
83 100

85 63.6 50.9 76.3

127 8.7 7.3 10.9



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: 50.05 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

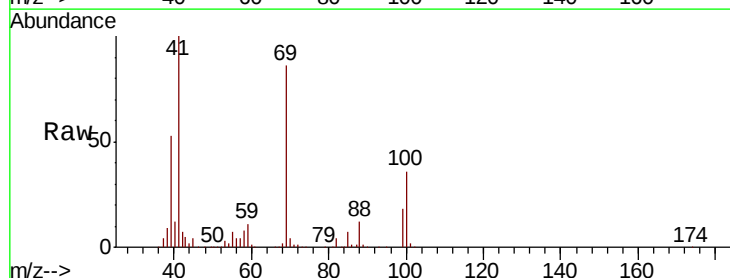
Tgt Ion: 41 Resp: 202336

Ion Ratio Lower Upper

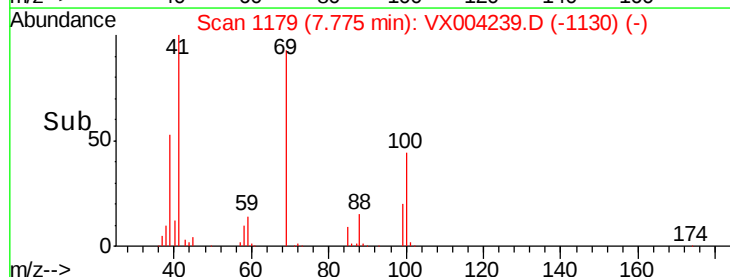
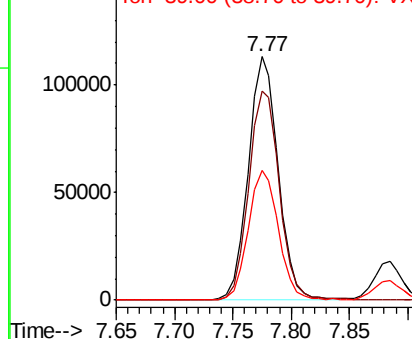
41 100

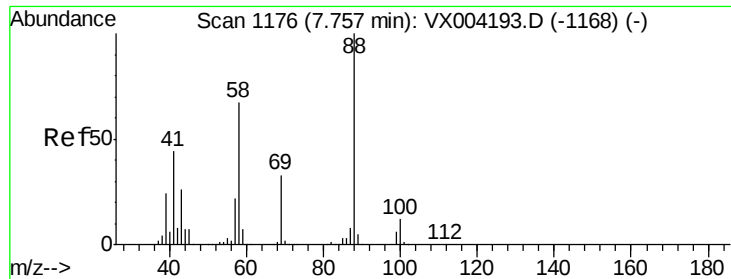
69 89.0 70.2 105.4

39 54.0 42.7 64.1



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

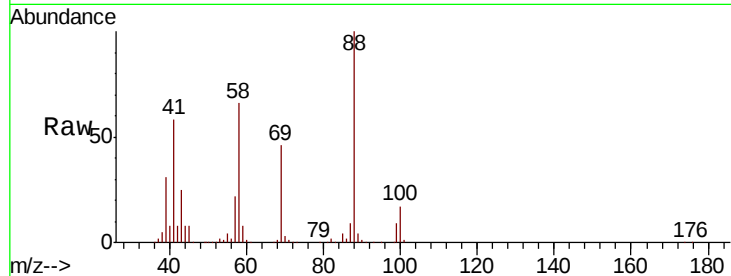




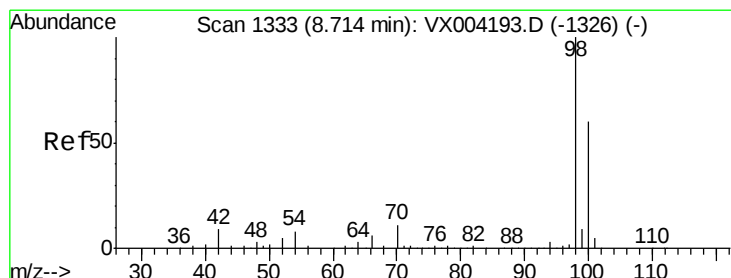
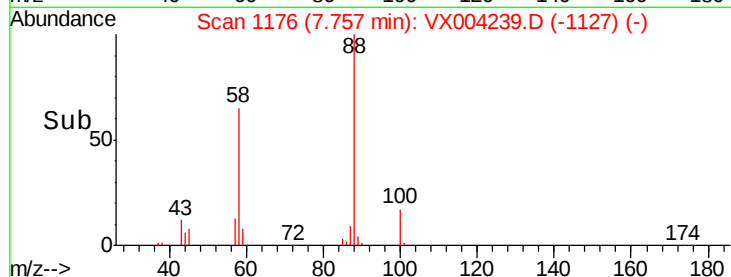
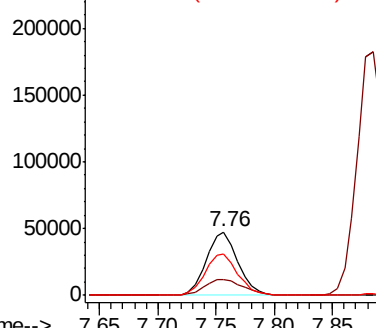
#49
1,4-Dioxane
Concen: 973.73 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 89367
Ion Ratio Lower Upper
88 100
43 30.5 24.7 37.1
58 68.4 55.3 82.9

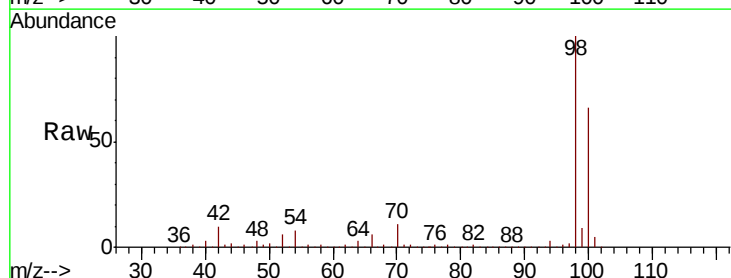


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

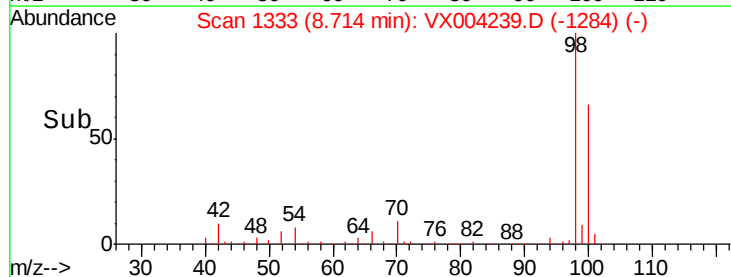
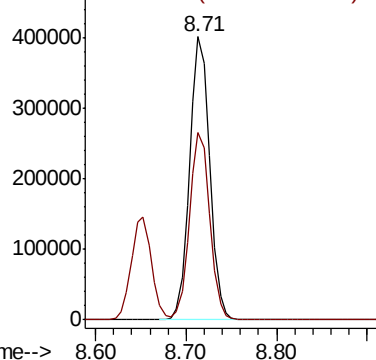


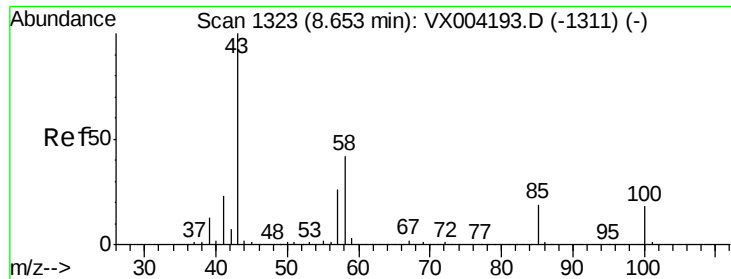
#50
Toluene-d8
Concen: 49.92 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 98 Resp: 623312
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 232.67 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

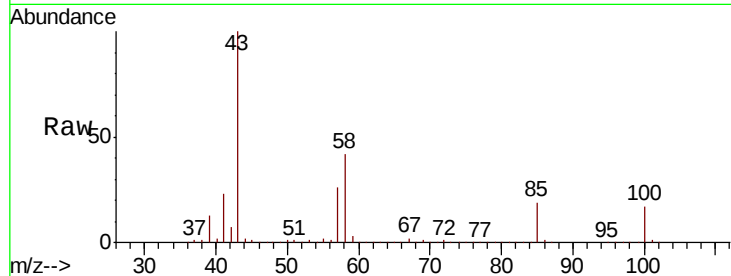
VSTDCCC050

Tot Ion: 43 Resp: 1277116

Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

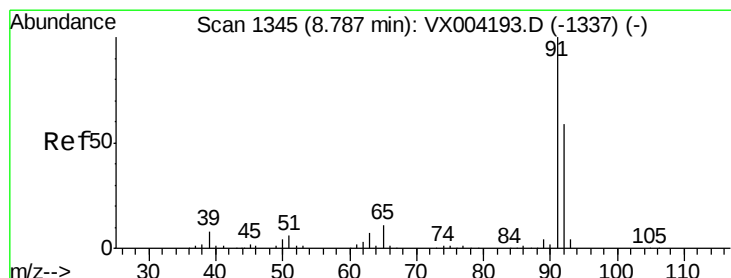
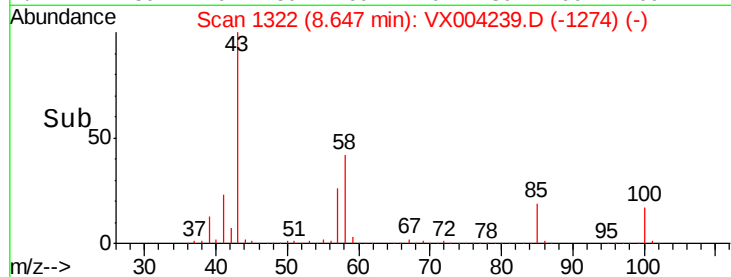
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.19 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004239.D

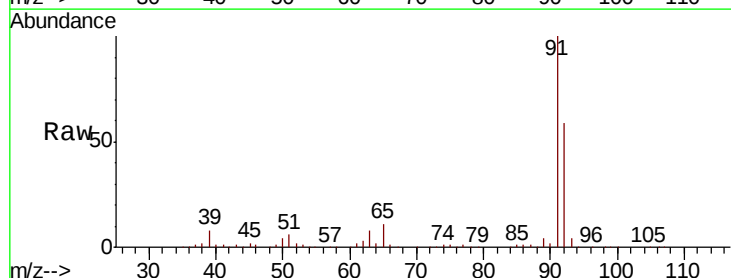
Acq: 24 Aug 2018 11:22

Tgt Ion: 92 Resp: 459979

Ion Ratio Lower Upper

92 100

91 170.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

600000

500000

400000

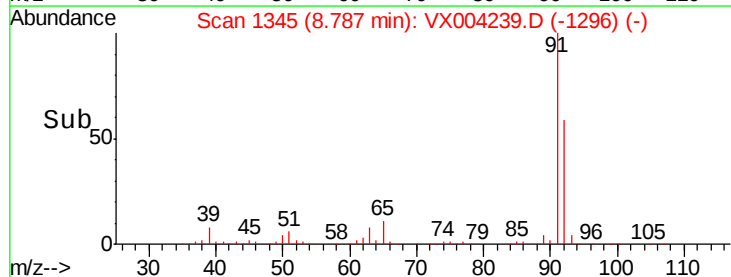
300000

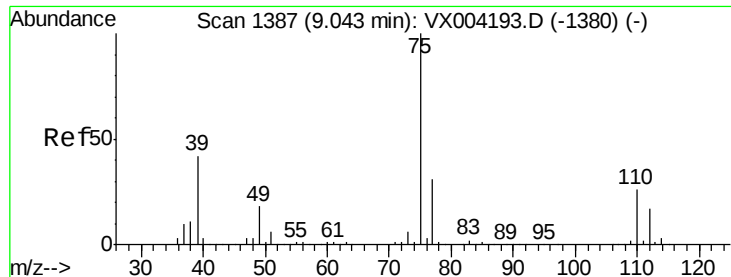
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.86 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

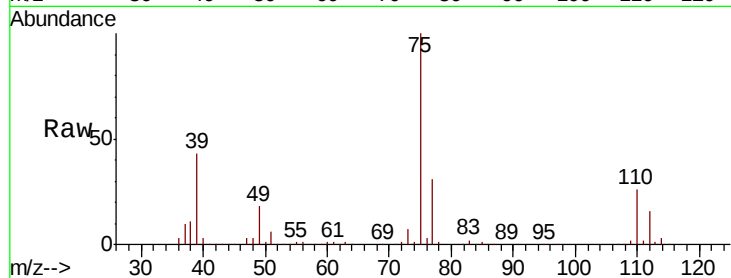
VSTDCCC050

Tot Ion: 75 Resp: 270419

Ion Ratio Lower Upper

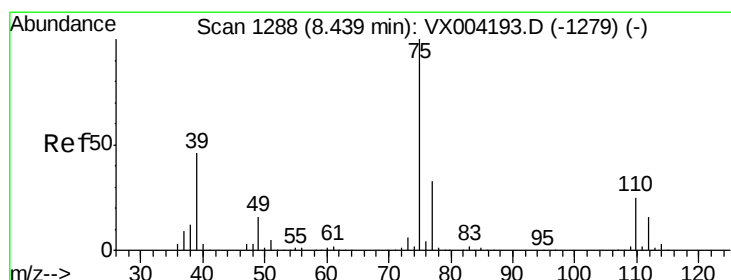
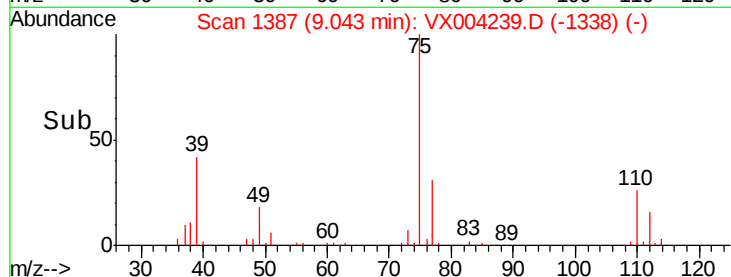
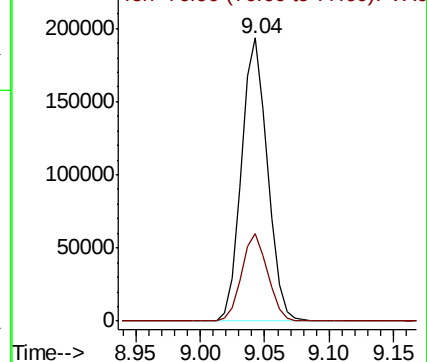
75 100

77 31.1 24.6 37.0



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: 52.78 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

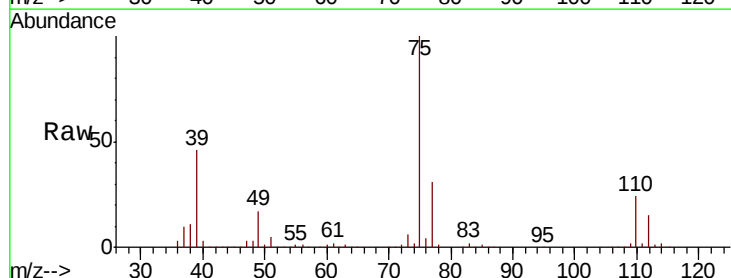
Tgt Ion: 75 Resp: 294116

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.2

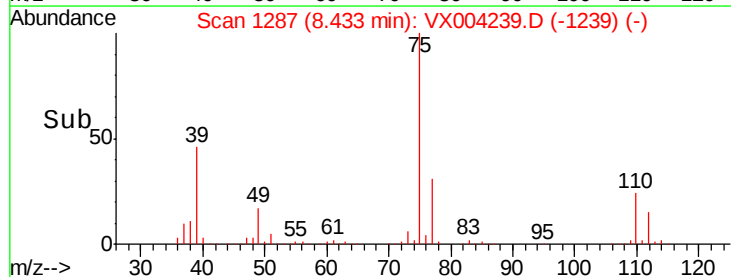
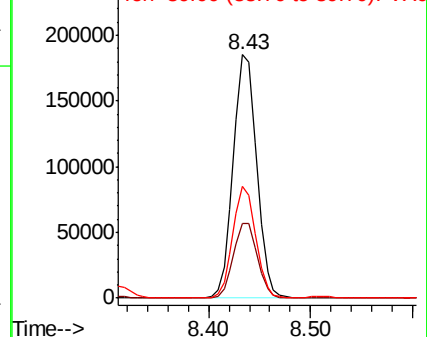
39 45.7 36.4 54.6

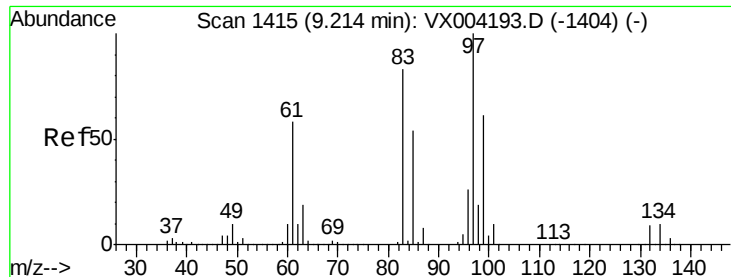


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

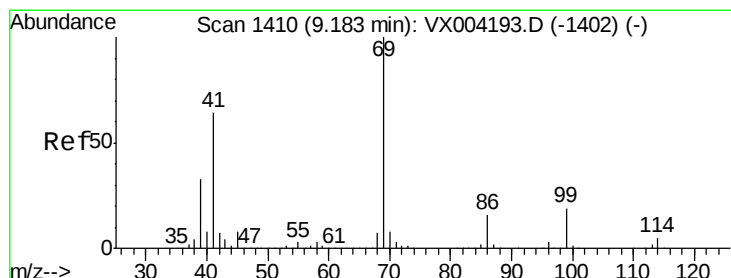
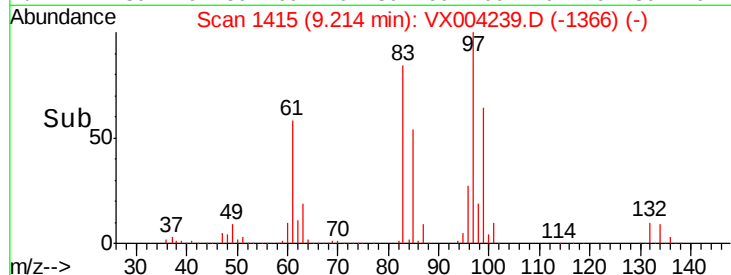
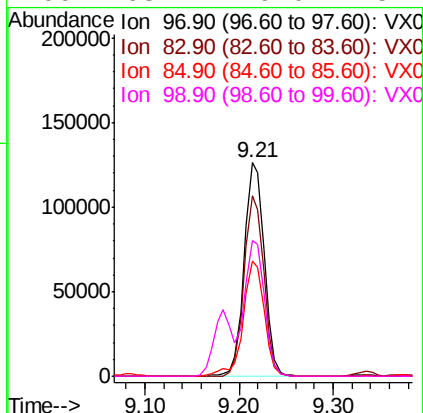
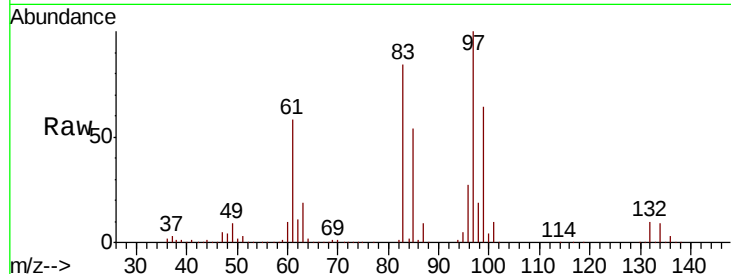




#55
 1,1,2-Trichloroethane
 Concen: 49.77 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

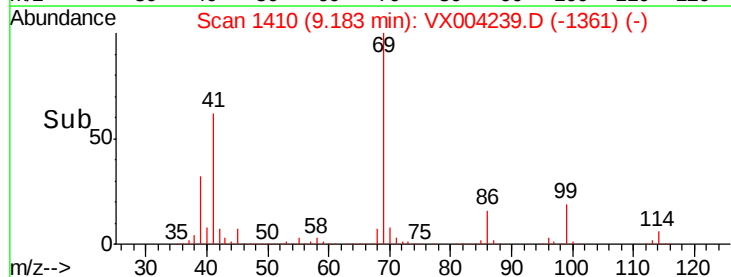
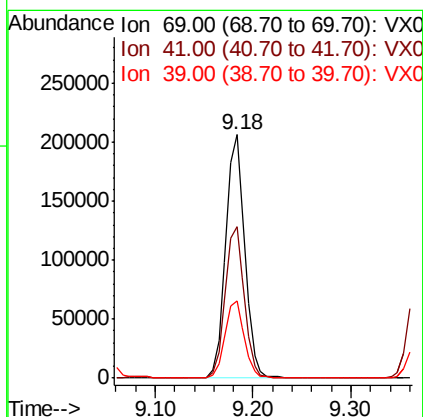
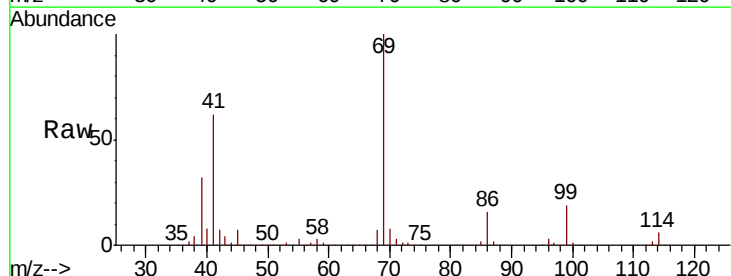
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

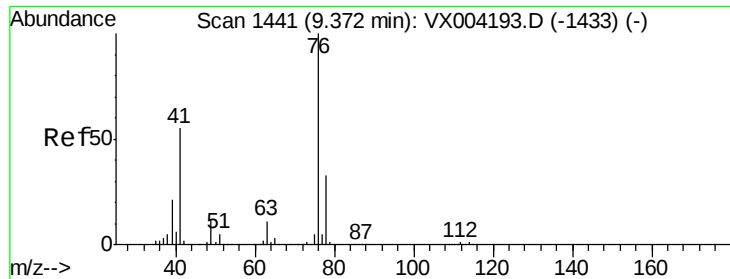
Tot Ion:	97	Resp:	187848
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.4	99.6
85	54.1	43.3	64.9
99	63.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.45 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion:	69	Resp:	279761
Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.0	76.4
39	32.3	26.1	39.1





#57

1,3-Dichloropropane

Concen: 49.57 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

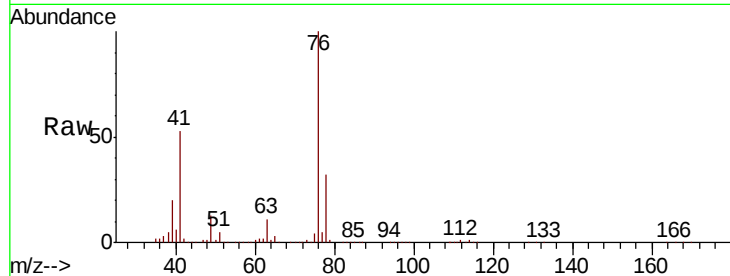
VSTDCCC050

Tot Ion: 76 Resp: 315381

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

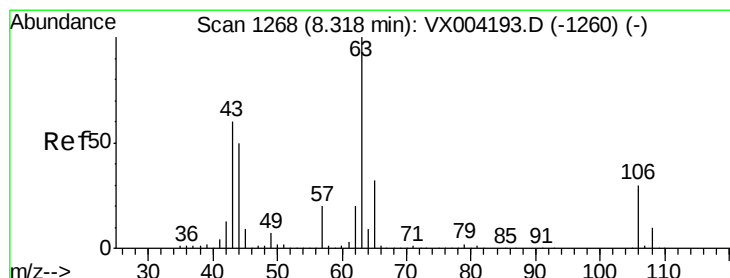
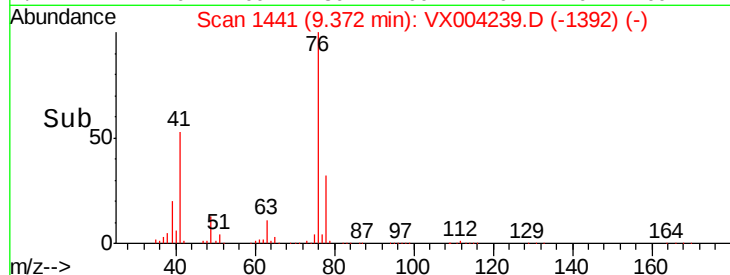
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.38 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004239.D

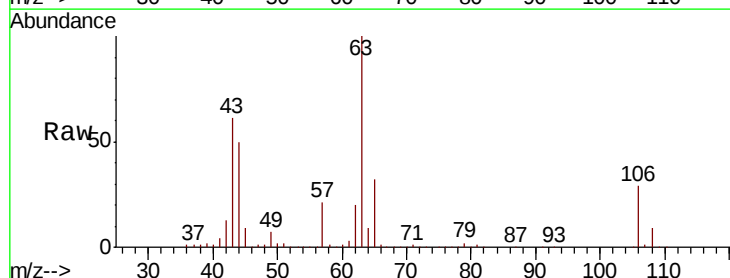
Acq: 24 Aug 2018 11:22

Tgt Ion: 63 Resp: 743452

Ion Ratio Lower Upper

63 100

106 30.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

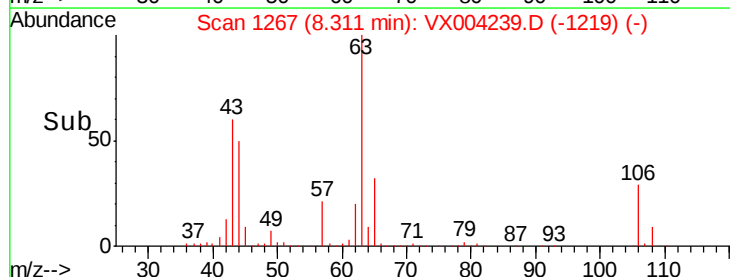
200000

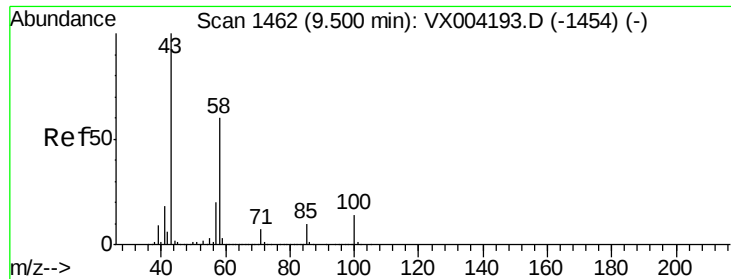
100000

0

8.20 8.30 8.40

Time-->

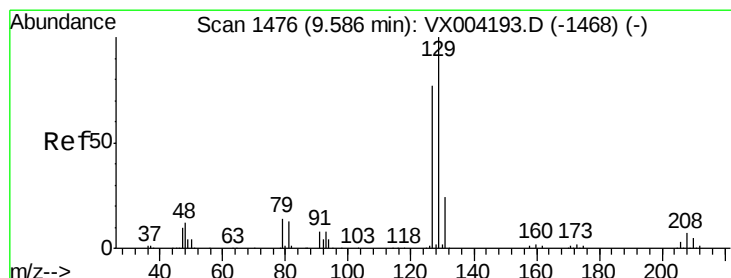
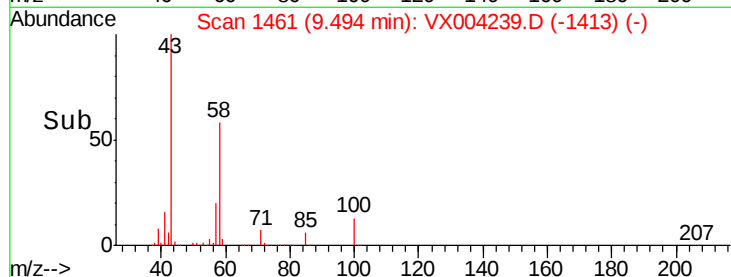
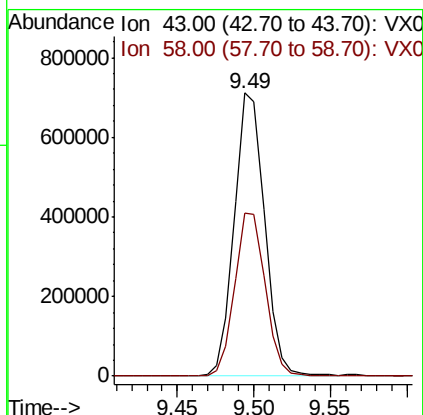
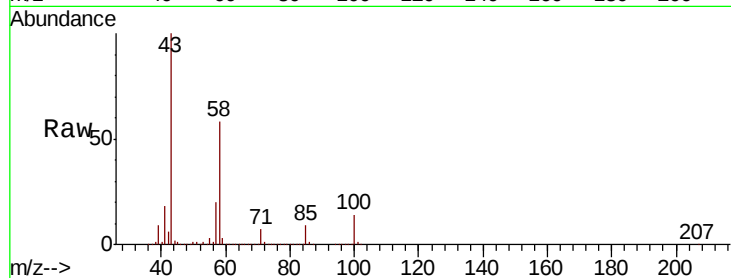




#59
2-Hexanone
Concen: 234.36 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

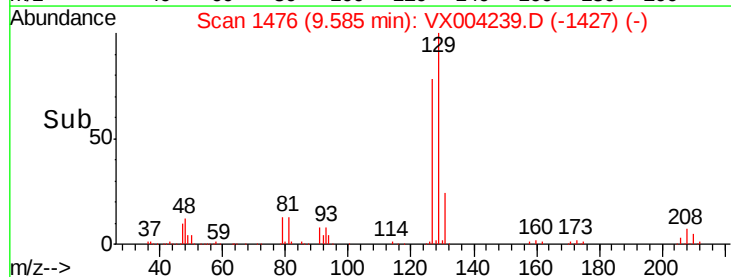
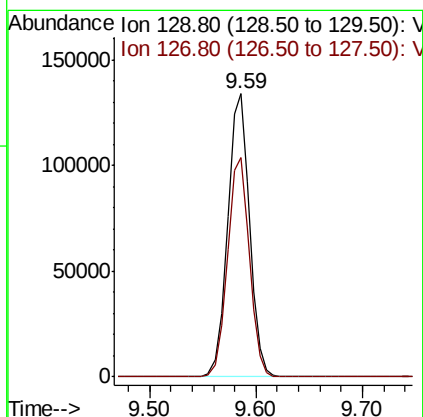
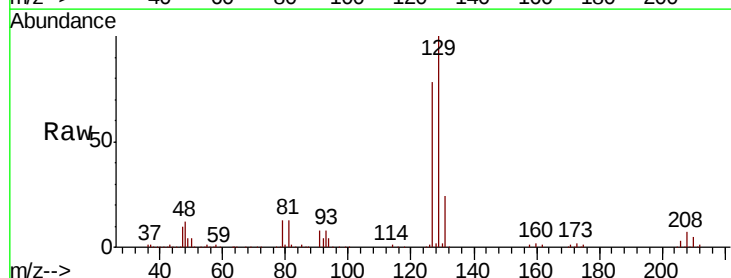
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

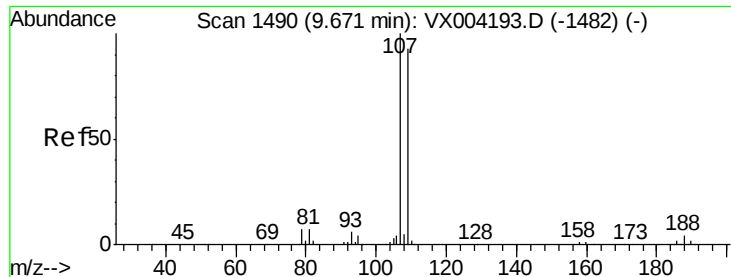
Tot Ion: 43 Resp: 981392
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.0



#60
Dibromochloromethane
Concen: 52.22 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 129 Resp: 192034
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.46 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

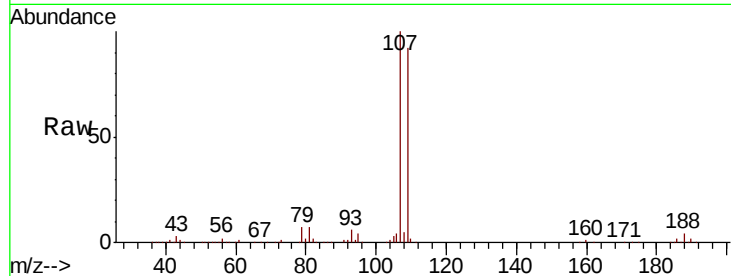
VSTDCCC050

Tot Ion:107 Resp: 197087

Ion Ratio Lower Upper

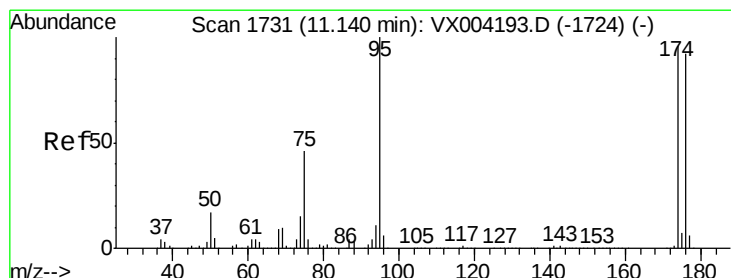
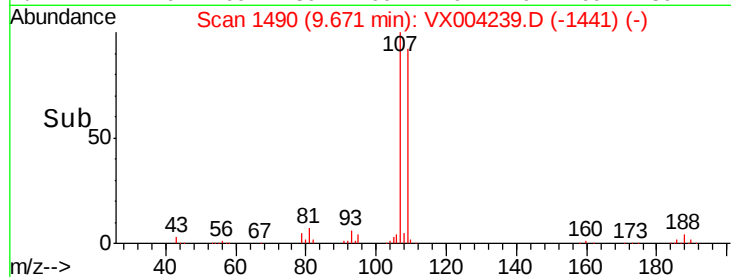
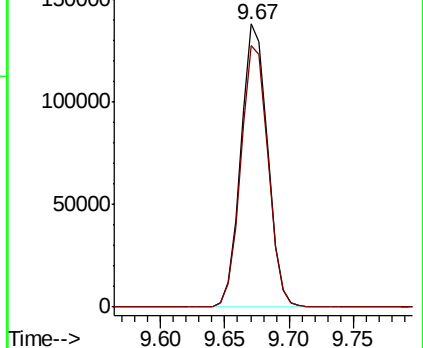
107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

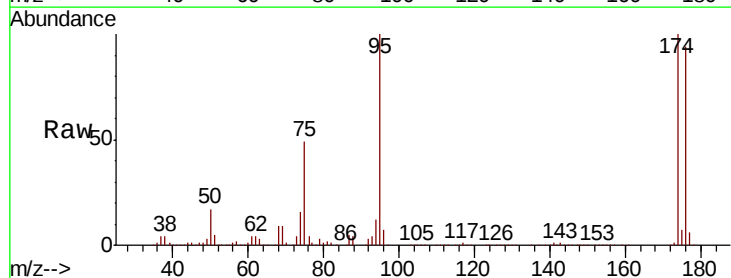
Tgt Ion: 95 Resp: 233582

Ion Ratio Lower Upper

95 100

174 93.6 0.0 185.2

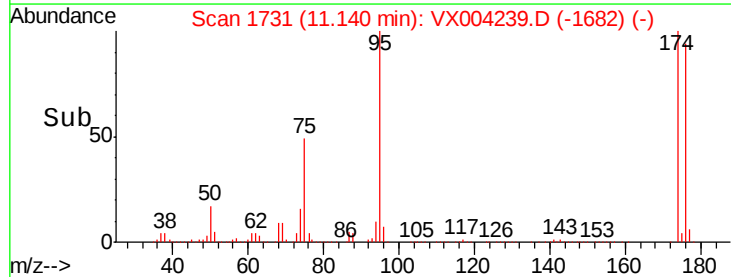
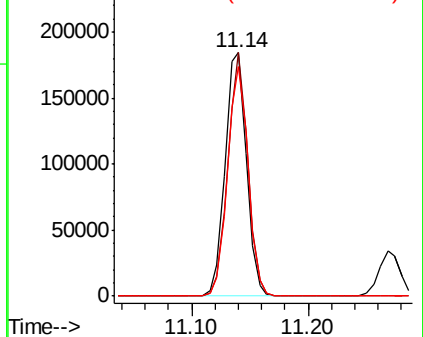
176 91.2 0.0 178.6

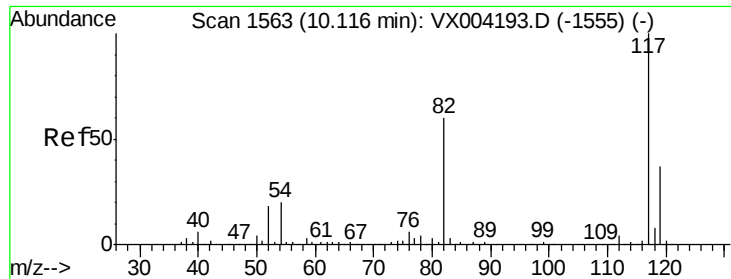


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

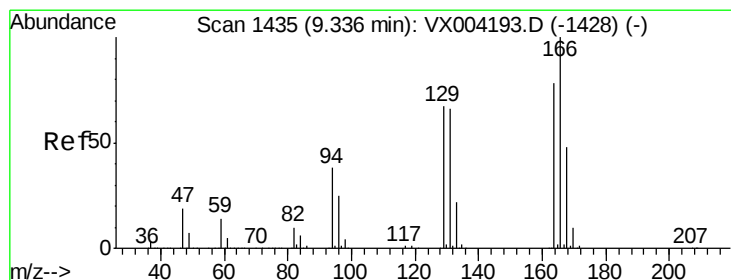
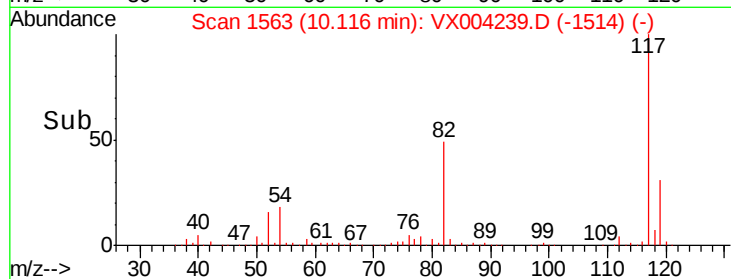
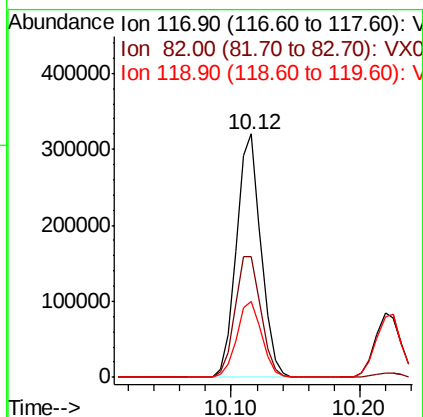
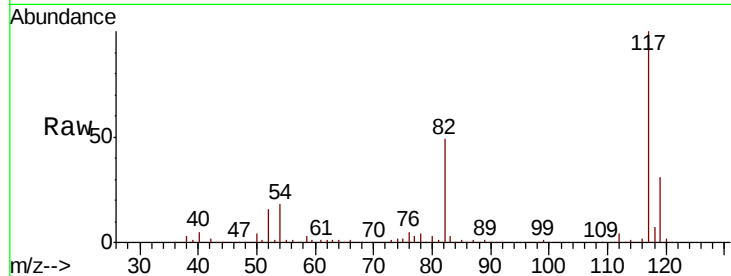




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

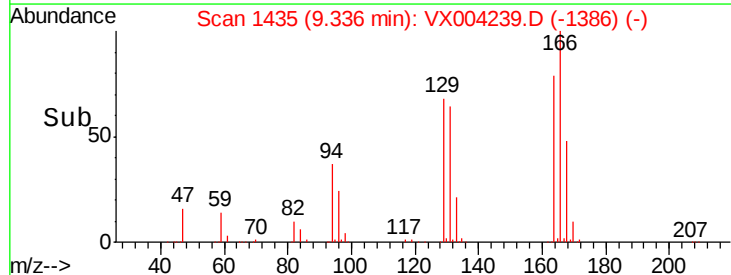
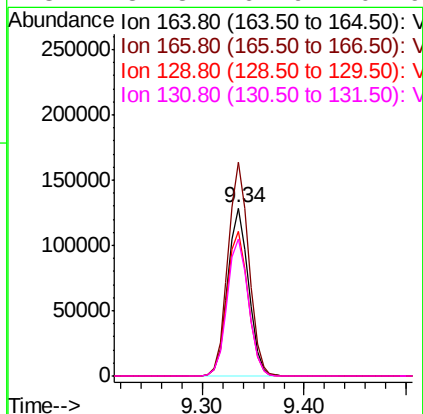
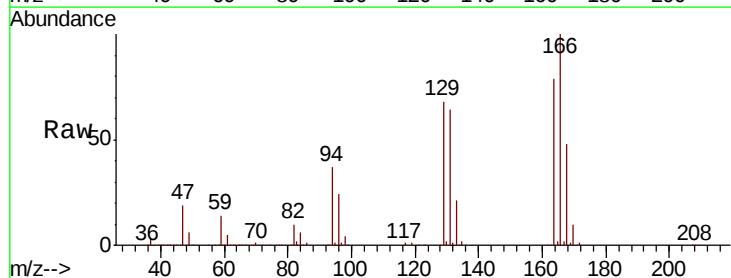
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

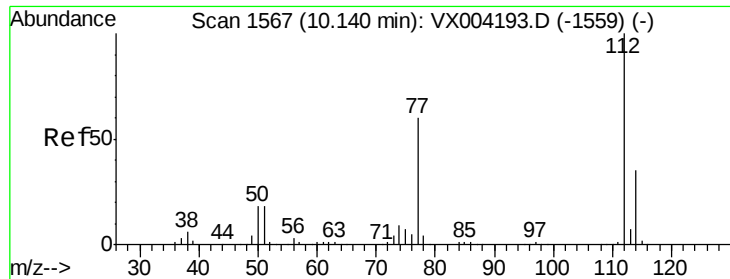
Tot Ion:117 Resp: 423664
Ion Ratio Lower Upper
117 100
82 49.4 47.8 71.6
119 31.2 29.3 43.9



#64
Tetrachloroethene
Concen: 43.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion:164 Resp: 180843
Ion Ratio Lower Upper
164 100
166 127.1 102.8 154.2
129 86.2 69.4 104.0
131 81.8 67.9 101.9

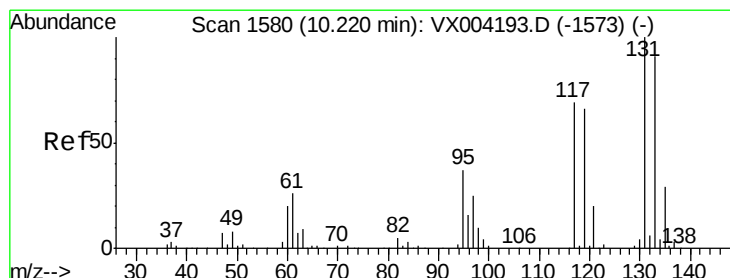
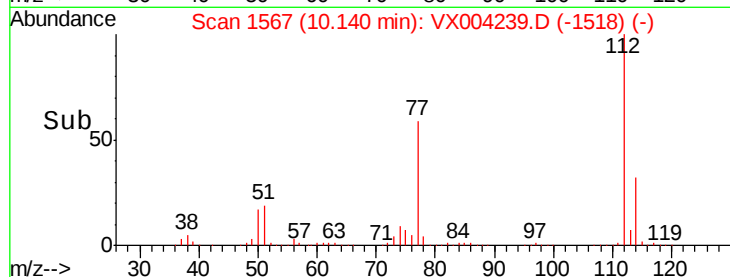
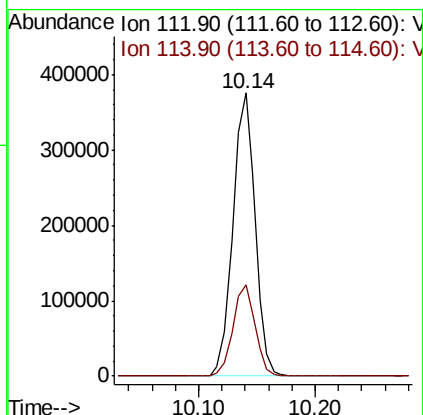
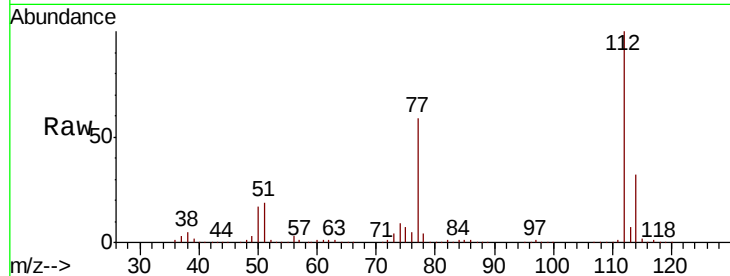




#65
Chlorobenzene
Concen: 46.90 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

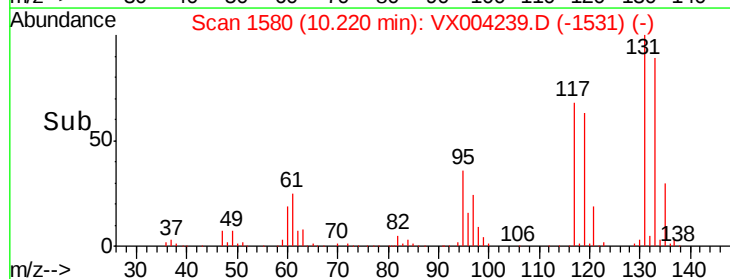
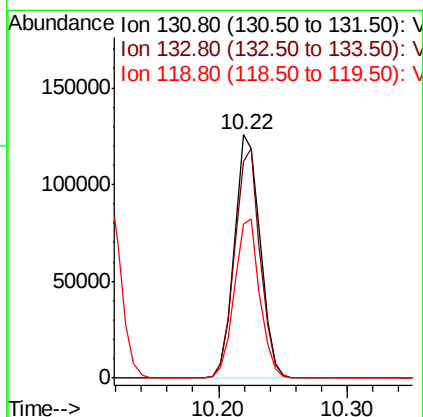
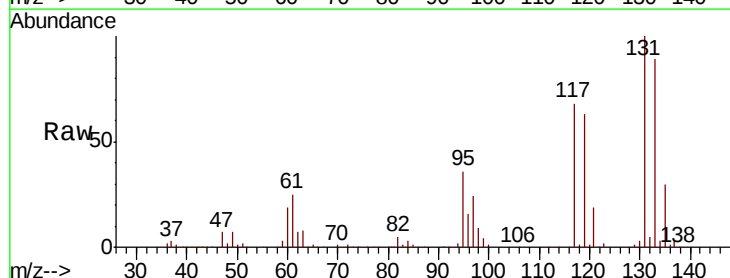
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

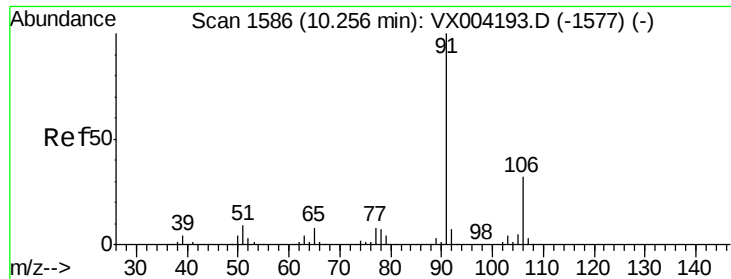
Tot Ion:112 Resp: 498734
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.72 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion:131 Resp: 175009
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.4
119 64.7 32.9 98.6

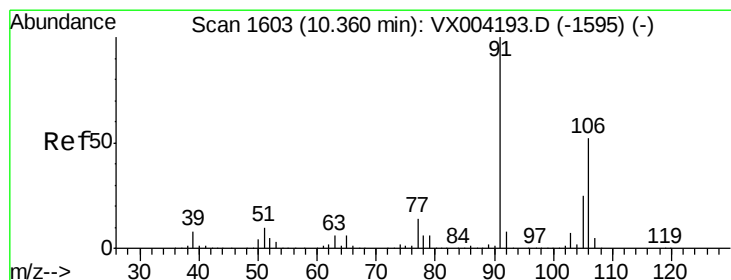
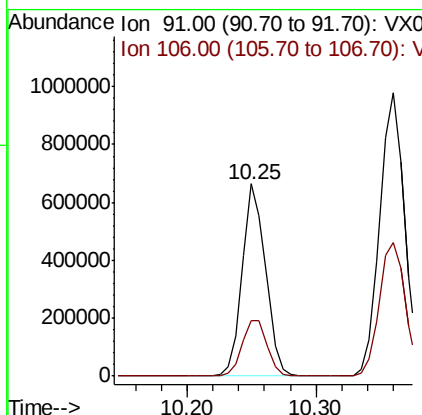
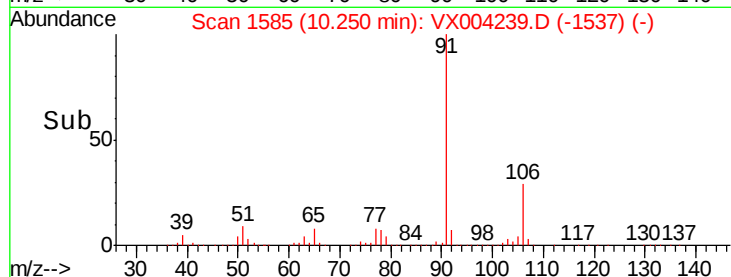
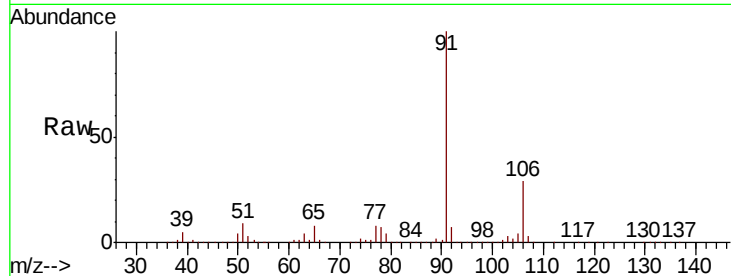




#67
Ethyl Benzene
Concen: 47.82 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

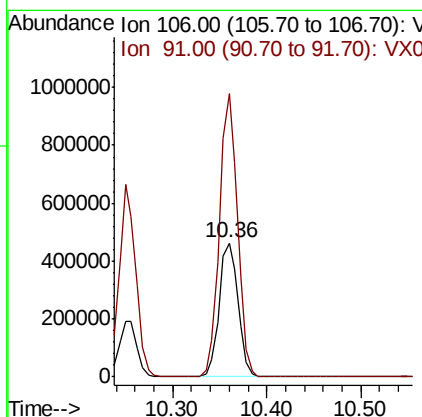
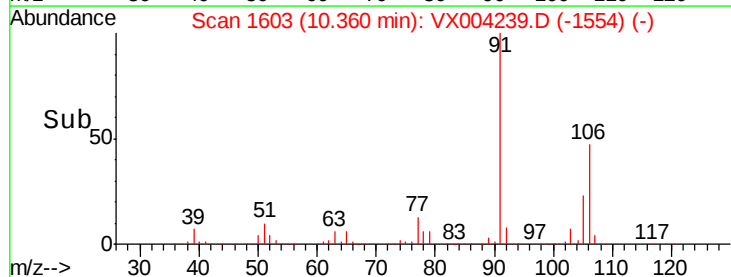
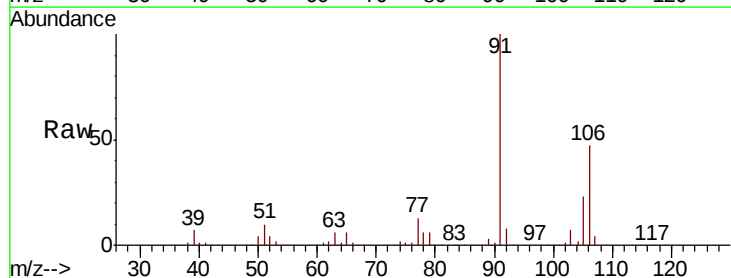
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

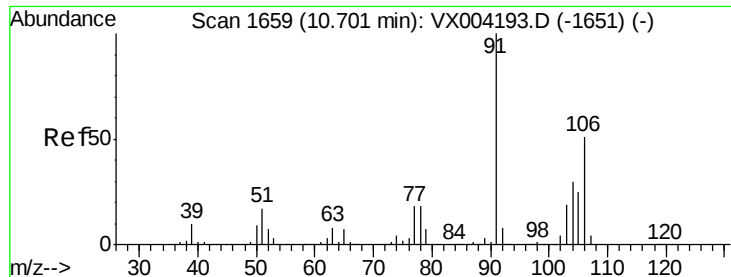
Tot Ion: 91 Resp: 825782
Ion Ratio Lower Upper
91 100
106 28.6 25.9 38.9



#68
m/p-Xylenes
Concen: 94.56 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 106 Resp: 638469
Ion Ratio Lower Upper
106 100
91 203.4 157.1 235.7

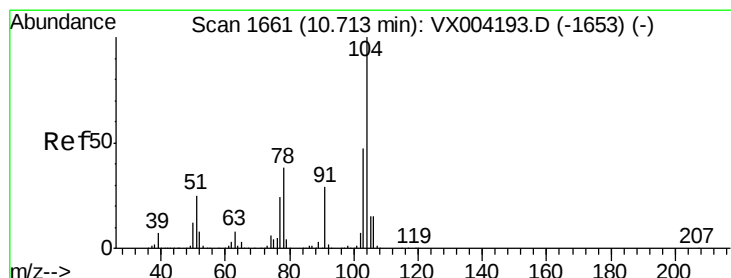
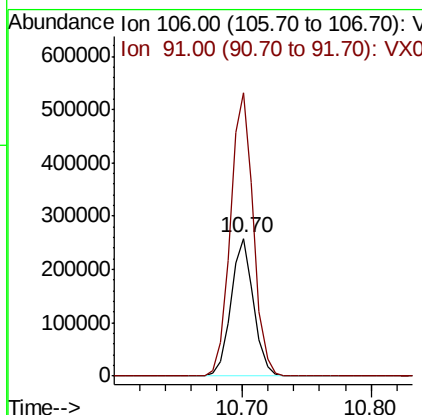
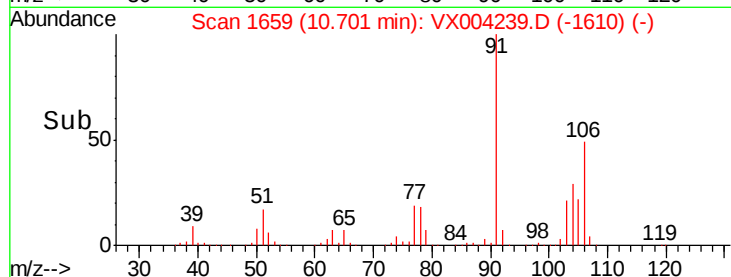
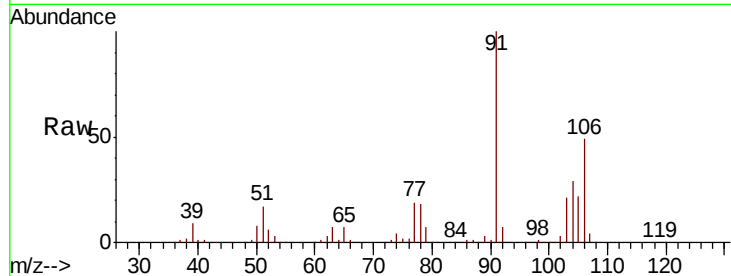




#69
o-Xylene
Concen: 49.42 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

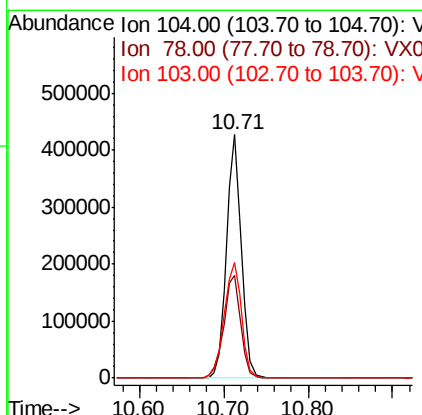
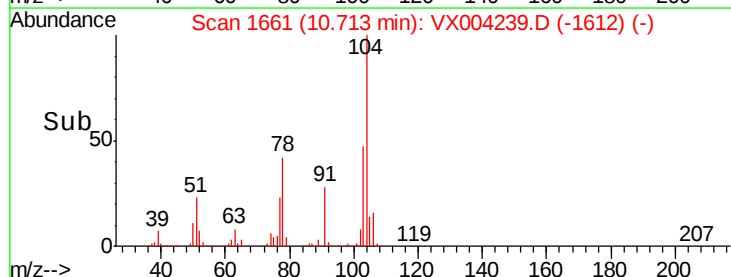
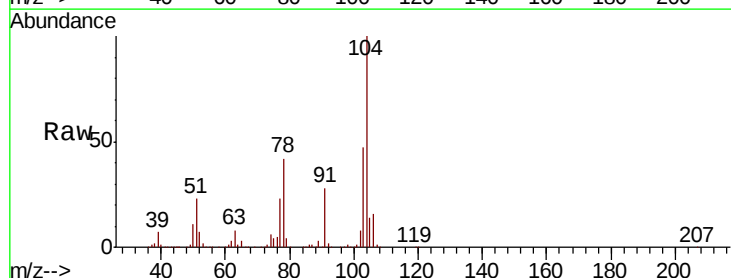
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

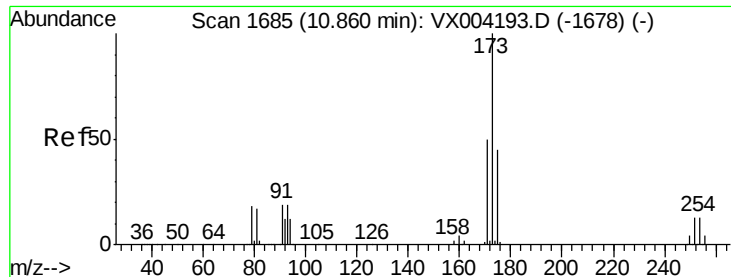
Tot Ion:106 Resp: 315639
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.1



#70
Styrene
Concen: 50.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion:104 Resp: 519729
Ion Ratio Lower Upper
104 100
78 48.4 37.4 56.0
103 55.2 43.8 65.6

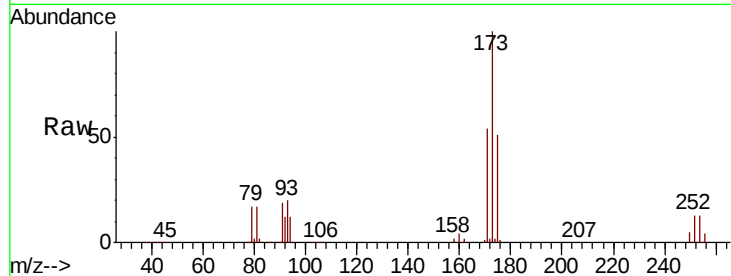




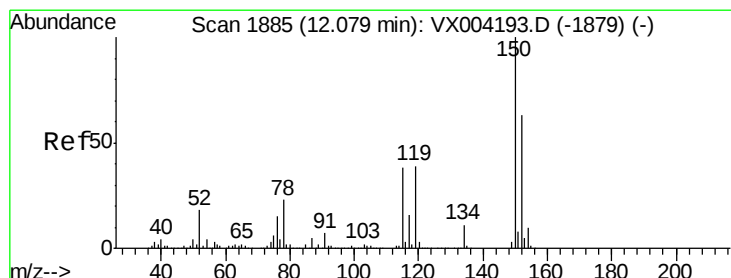
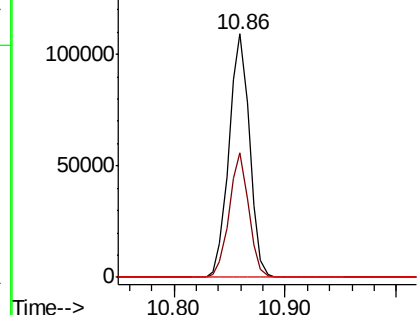
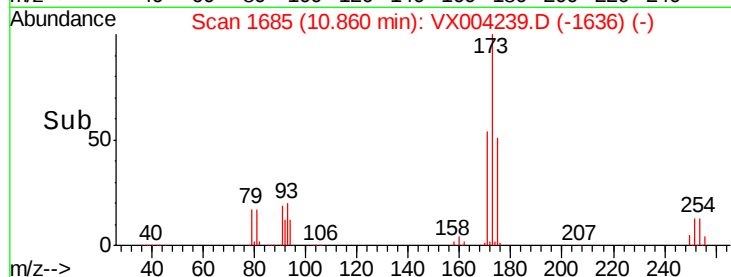
#71
Bromoform
Concen: 47.22 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.3
254	0.2	0.2	0.2

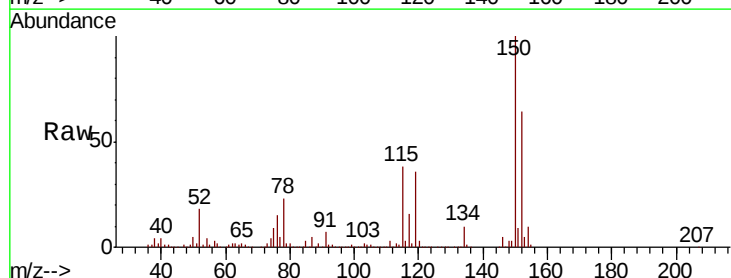


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

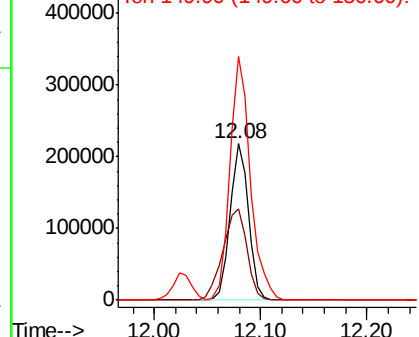
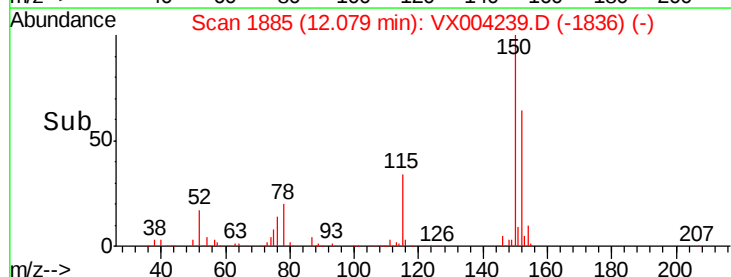


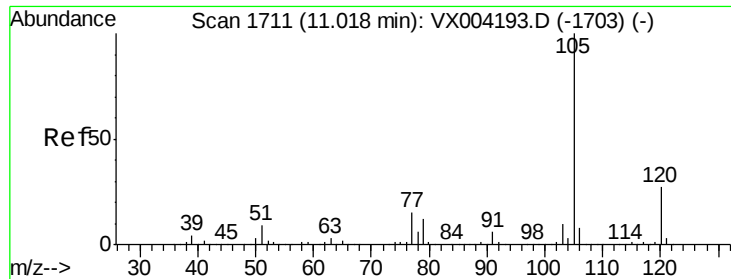
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.1	39.0	117.0
150	173.2	0.0	351.0



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





#73

Isopropylbenzene

Concen: 47.93 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

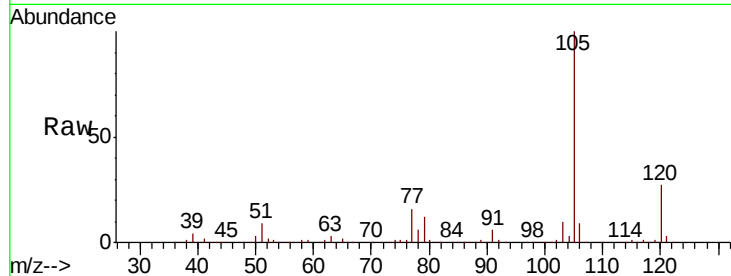
VSTDCCC050

Tot Ion:105 Resp: 832802

Ion Ratio Lower Upper

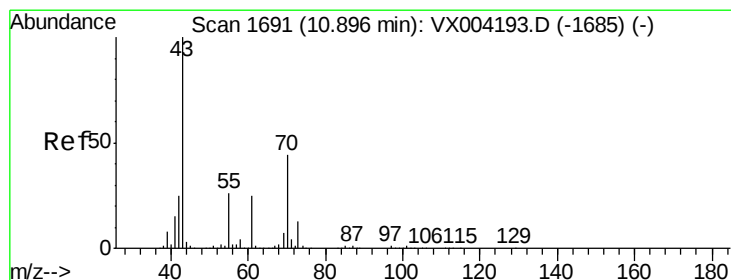
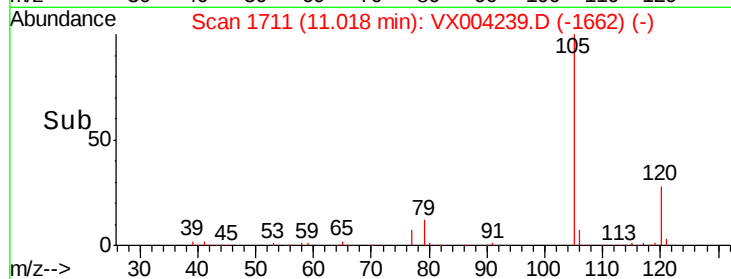
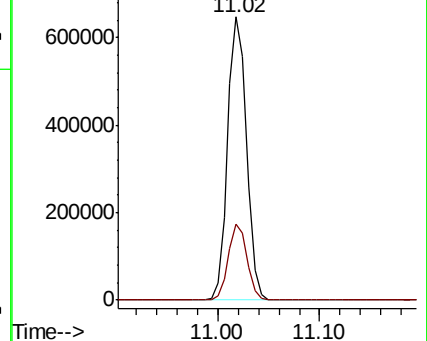
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.17 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Tgt Ion: 43 Resp: 328942

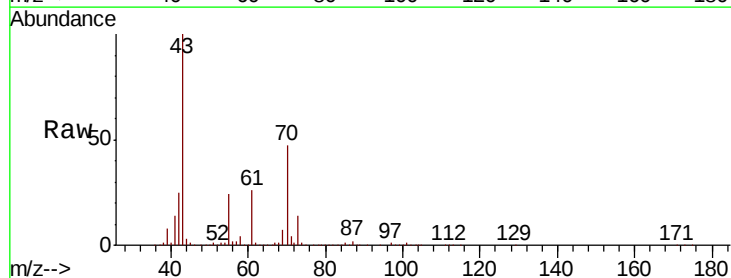
Ion Ratio Lower Upper

43 100

70 47.2 37.4 56.0

55 26.2 21.8 32.8

61 26.0 20.6 30.8

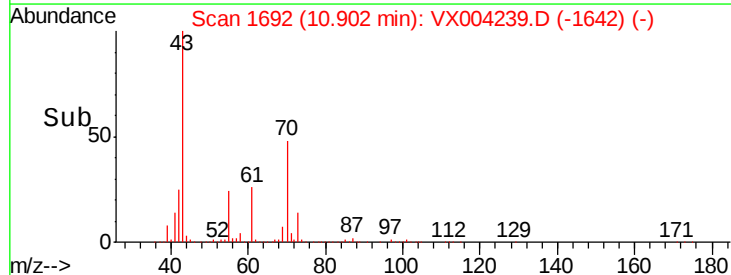
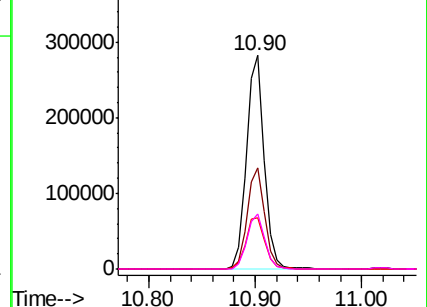


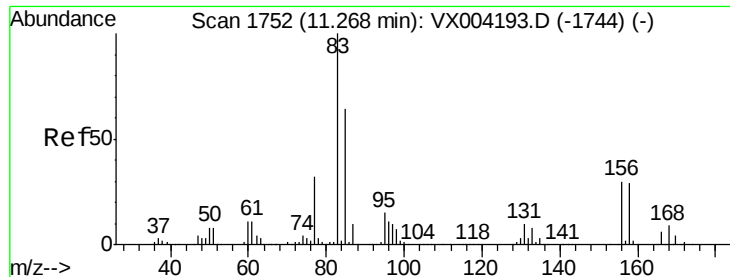
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.41 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

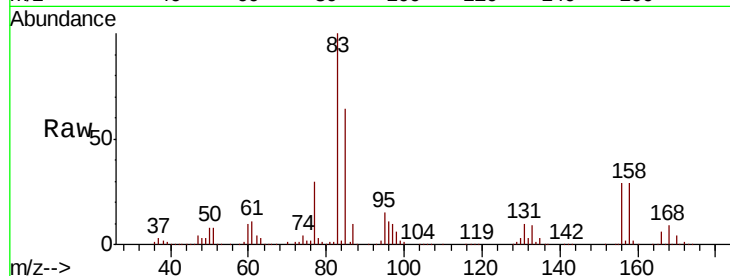
Tot Ion: 83 Resp: 288242

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

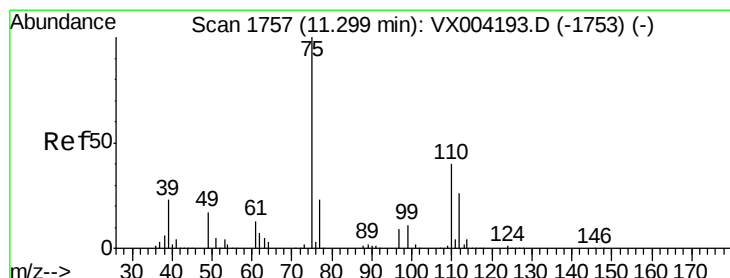
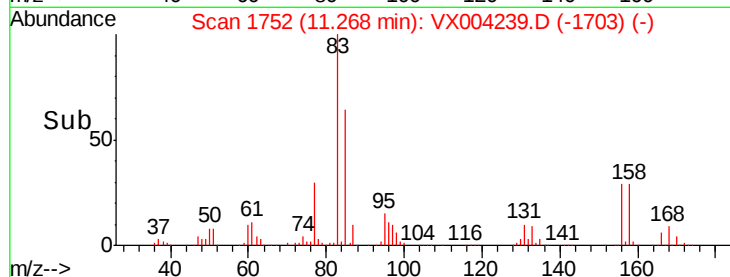
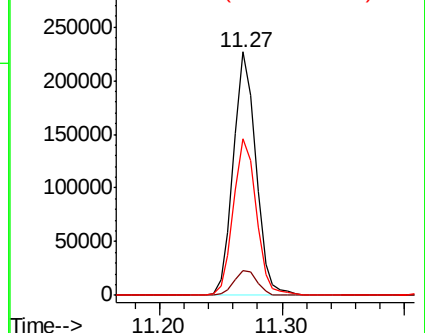
85 65.3 32.3 96.8



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: 61.26 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004239.D

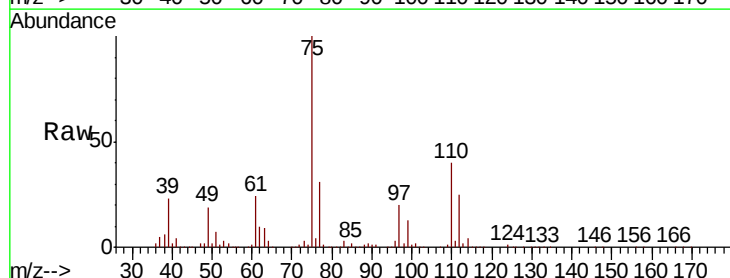
Acq: 24 Aug 2018 11:22

Tgt Ion: 75 Resp: 329565

Ion Ratio Lower Upper

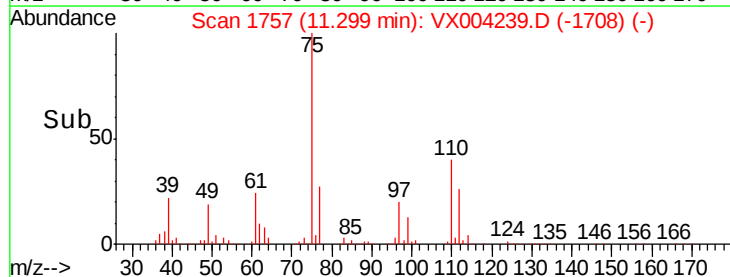
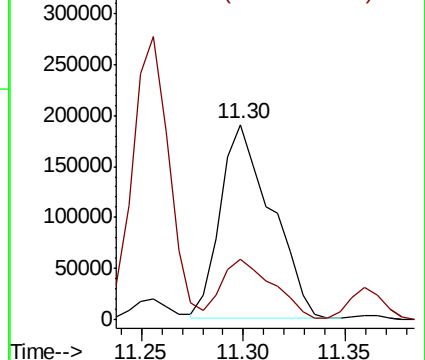
75 100

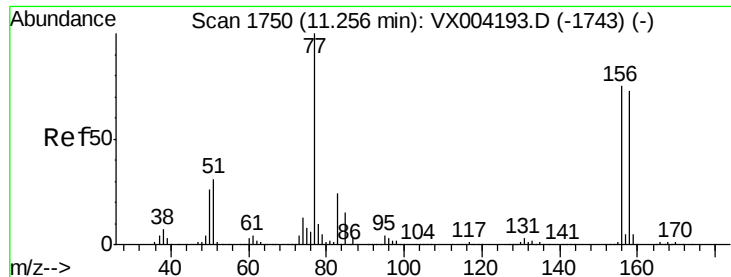
77 31.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.99 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

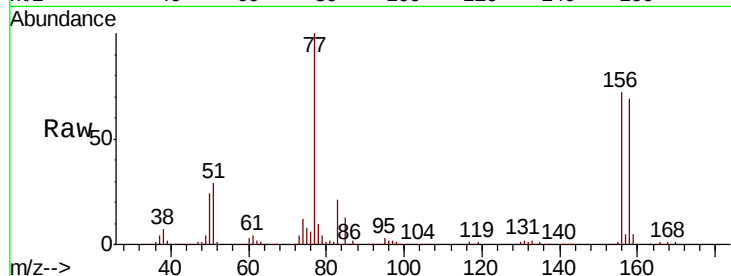
Tot Ion:156 Resp: 238749

Ion Ratio Lower Upper

156 100

77 145.4 71.5 214.3

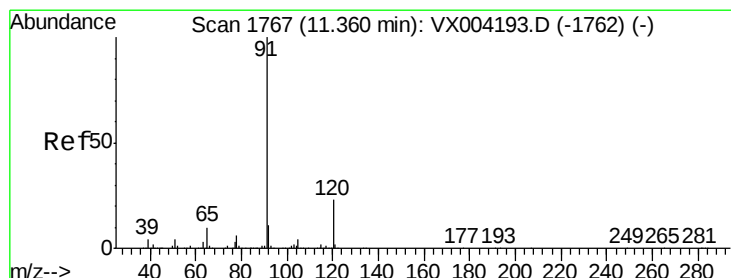
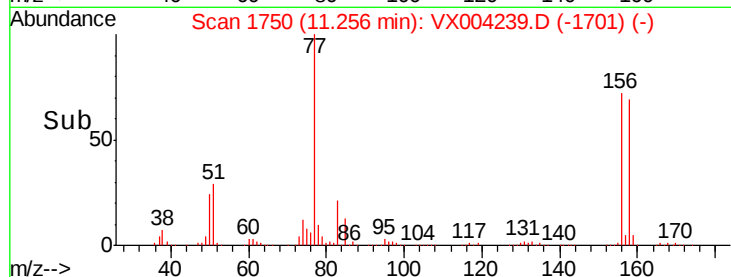
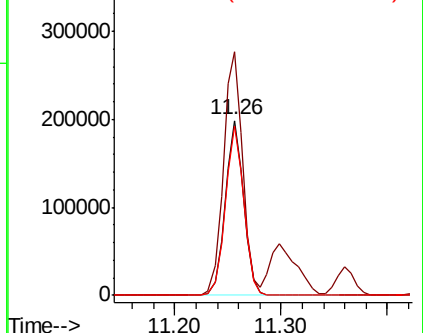
158 97.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.55 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004239.D

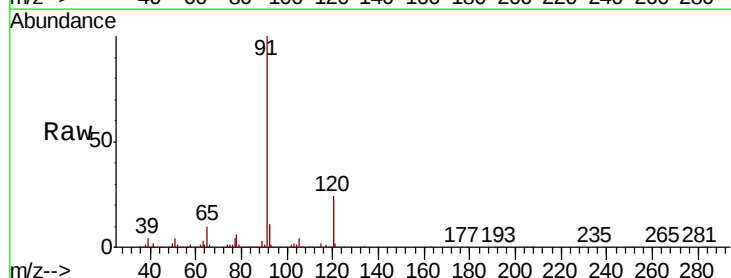
Acq: 24 Aug 2018 11:22

Tgt Ion: 91 Resp: 990147

Ion Ratio Lower Upper

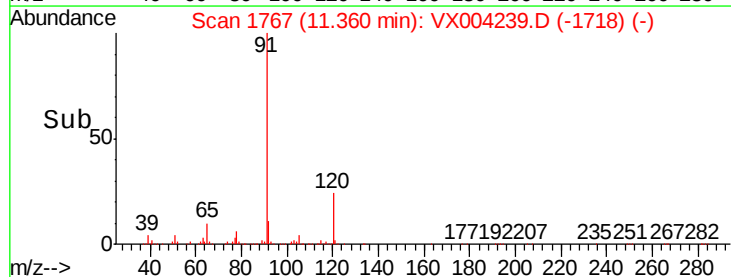
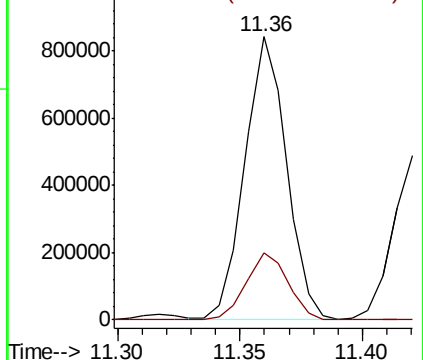
91 100

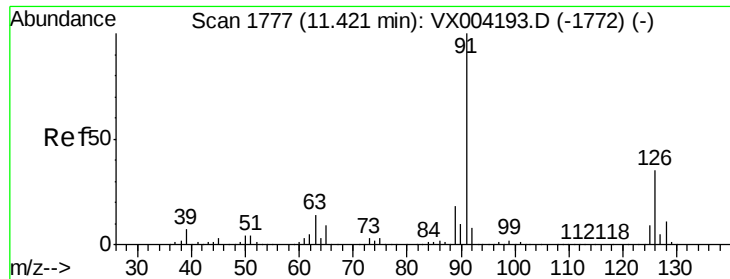
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

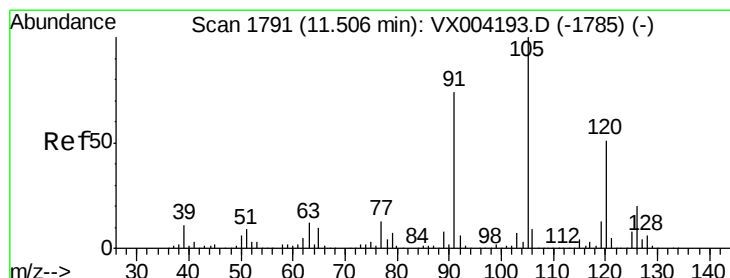
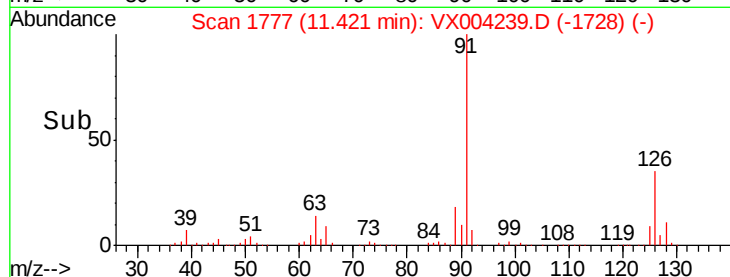
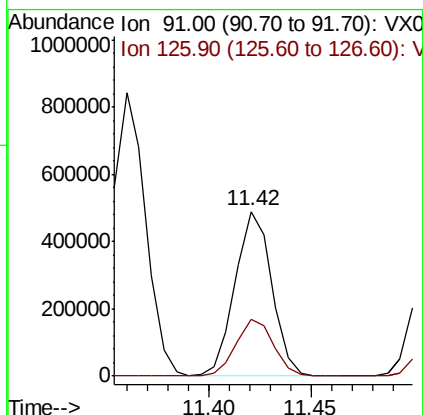
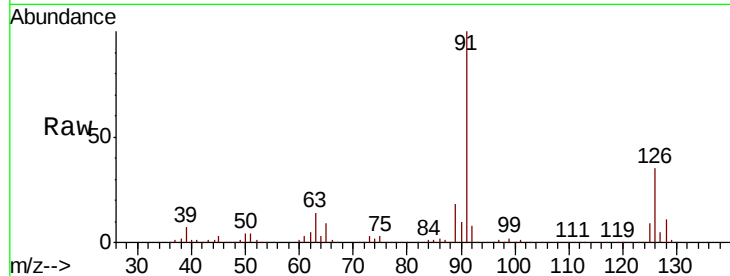




#79
 2-Chlorotoluene
 Concen: 49.42 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

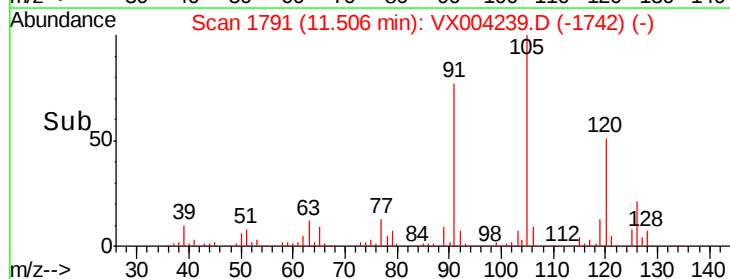
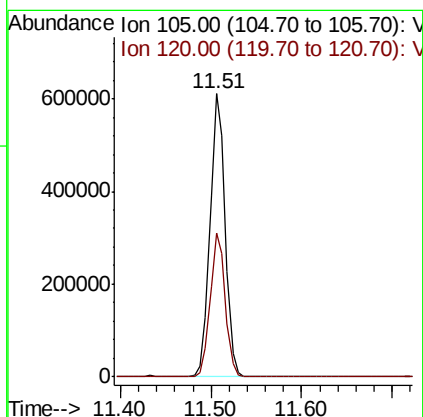
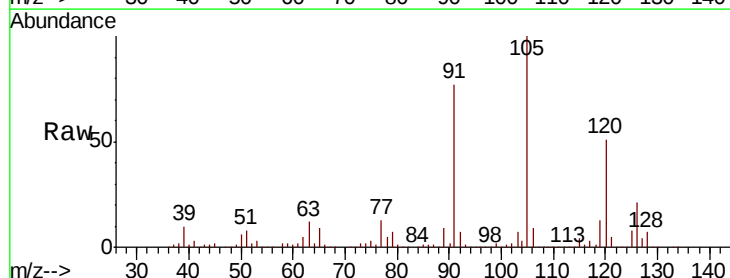
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

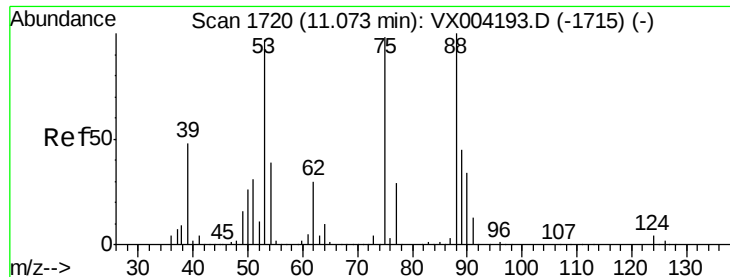
Tot Ion: 91 Resp: 607875
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.01 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion:105 Resp: 719504
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.88 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

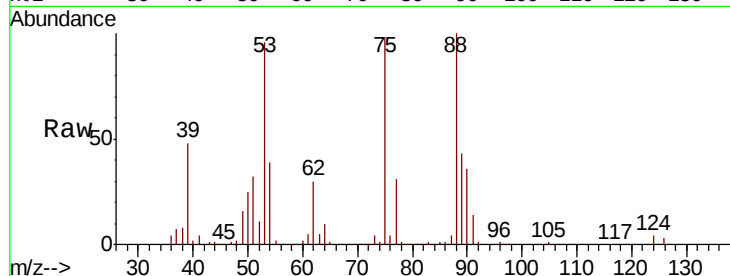
Tot Ion: 75 Resp: 86027

Ion Ratio Lower Upper

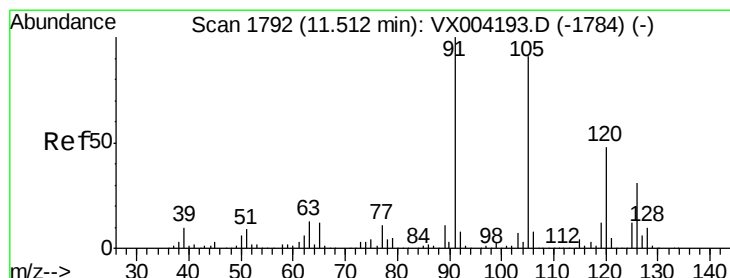
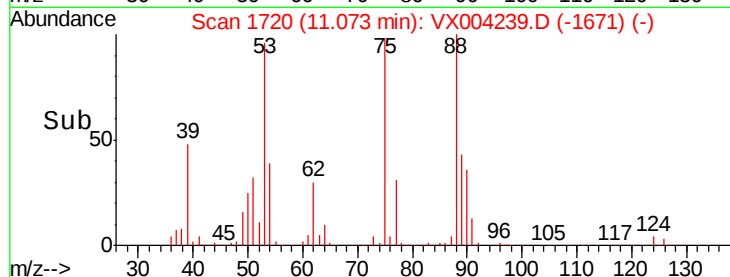
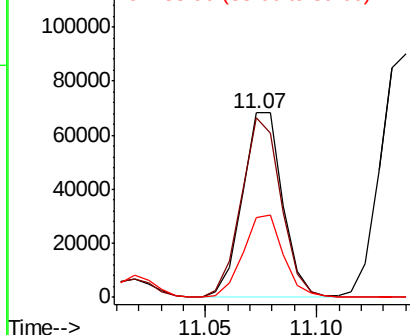
75 100

53 96.2 80.1 120.1

89 45.3 37.2 55.8



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: 48.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004239.D

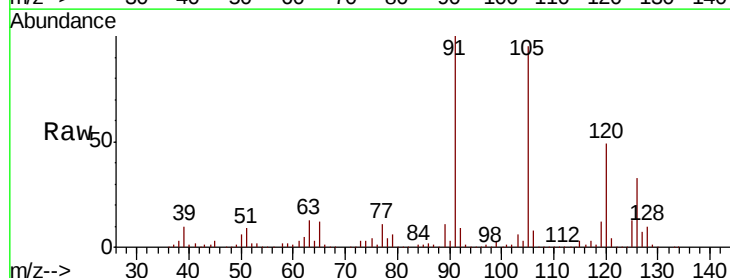
Acq: 24 Aug 2018 11:22

Tgt Ion: 91 Resp: 698493

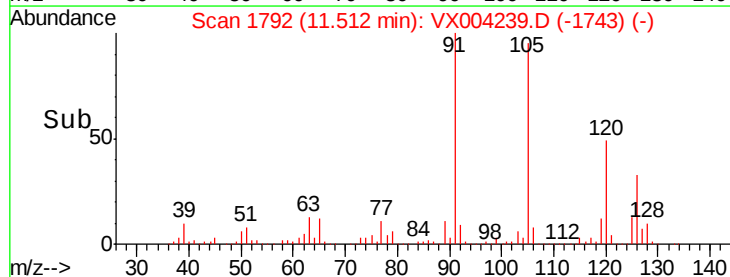
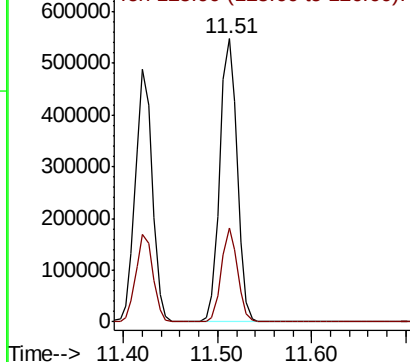
Ion Ratio Lower Upper

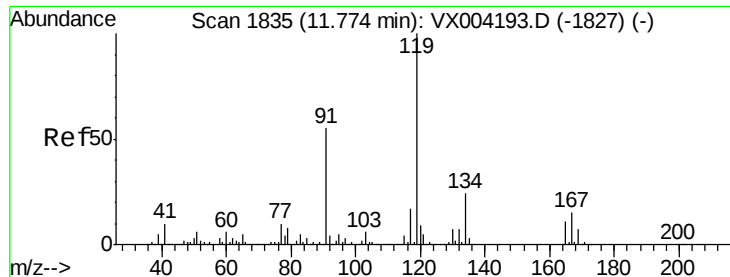
91 100

126 31.0 15.5 46.5



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

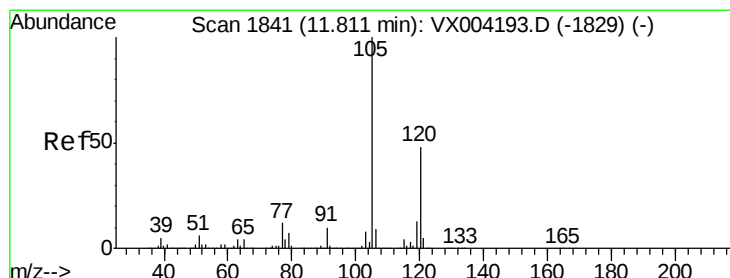
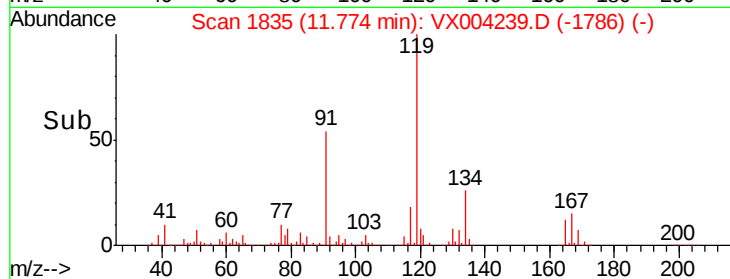
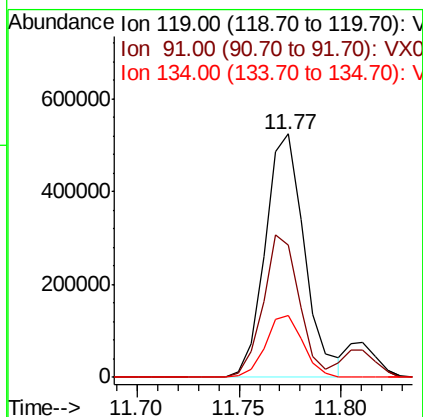
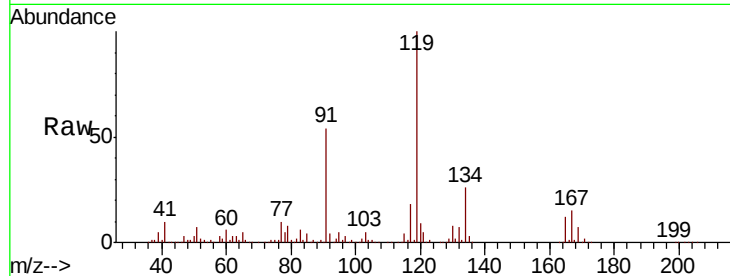




#83
 tert-Butylbenzene
 Concen: 48.70 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

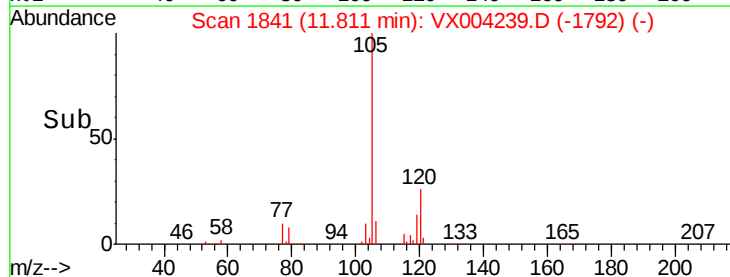
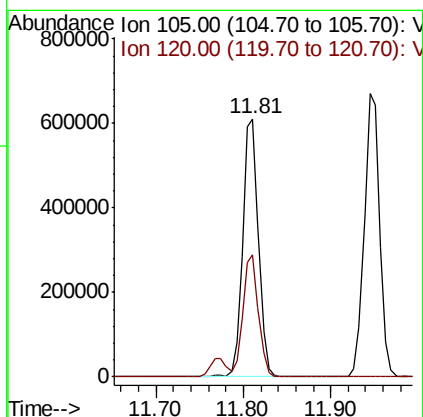
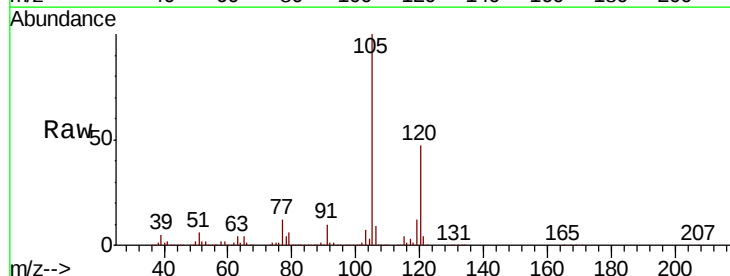
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

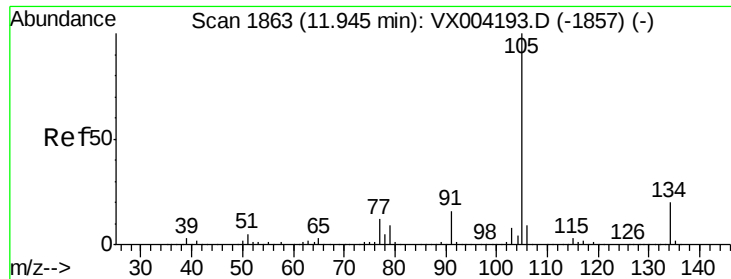
Tot Ion:119 Resp: 704958
 Ion Ratio Lower Upper
 119 100
 91 53.6 27.0 81.0
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.77 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion:105 Resp: 764632
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6

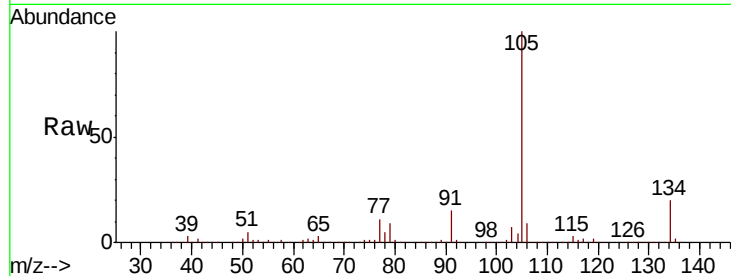




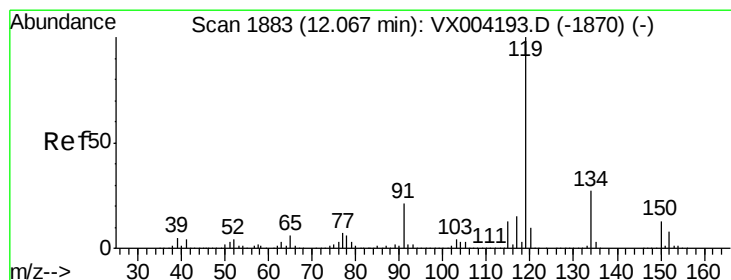
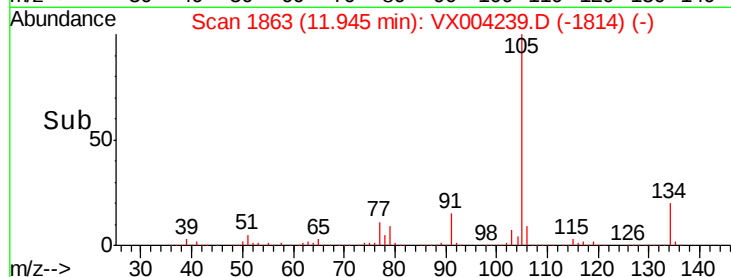
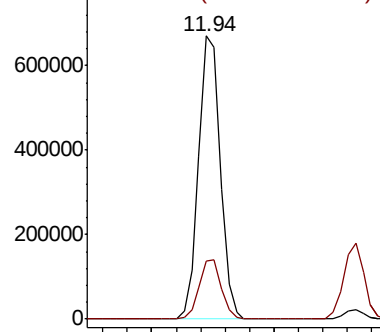
#85
 sec-Butylbenzene
 Concen: 47.82 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 821818
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5

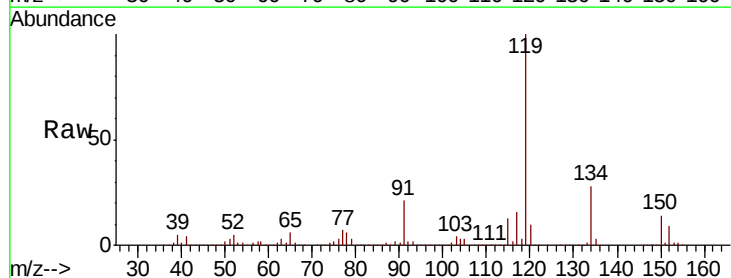


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

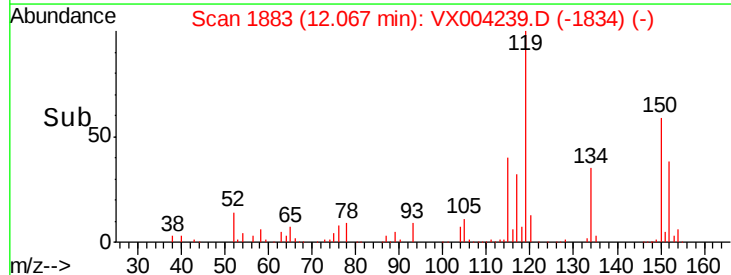
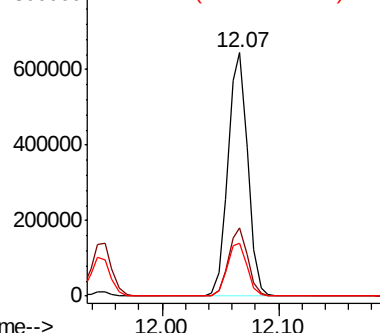


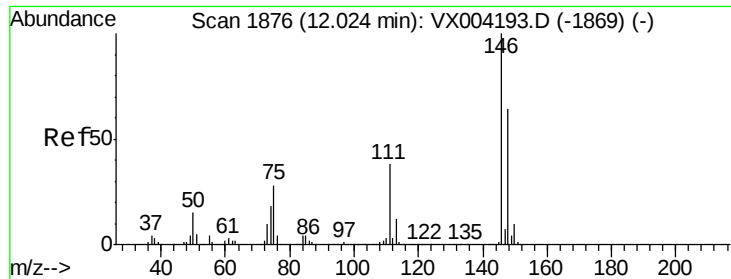
#86
 p-Isopropyltoluene
 Concen: 49.74 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion:119 Resp: 766168
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 21.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.75 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

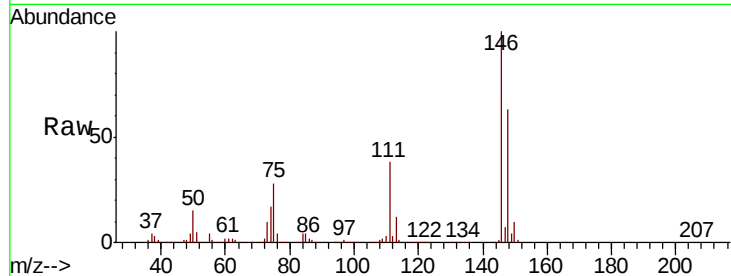
Tot Ion:146 Resp: 447345

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

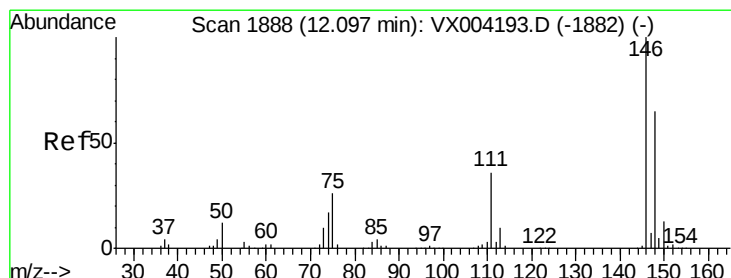
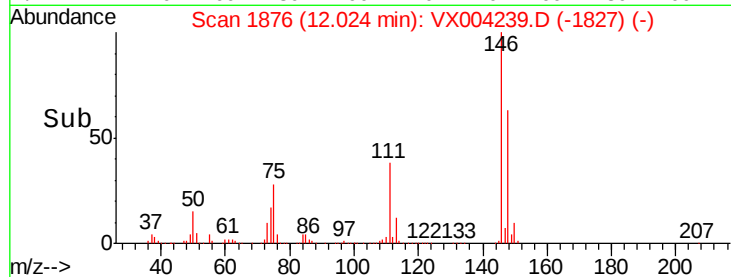
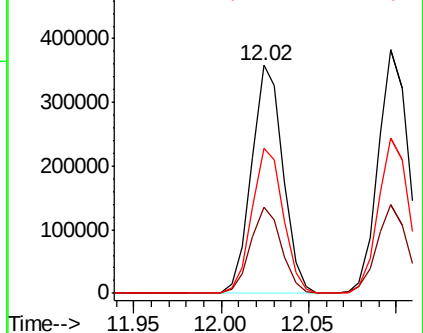
148 63.7 32.1 96.5



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: 47.53 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

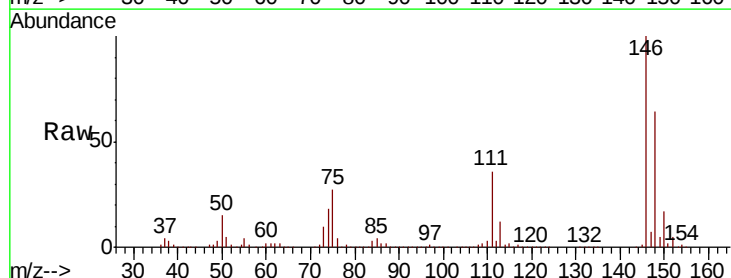
Tgt Ion:146 Resp: 459888

Ion Ratio Lower Upper

146 100

111 36.3 18.1 54.1

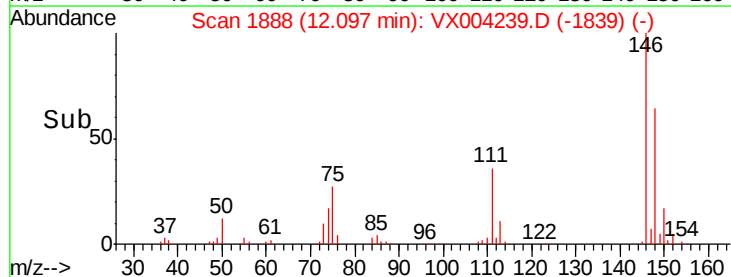
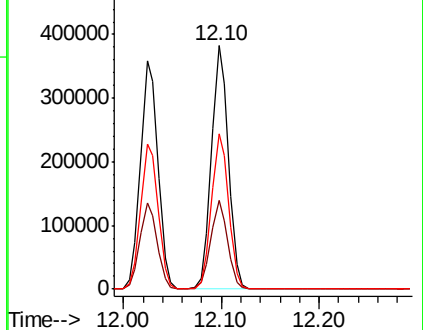
148 64.4 32.0 96.0

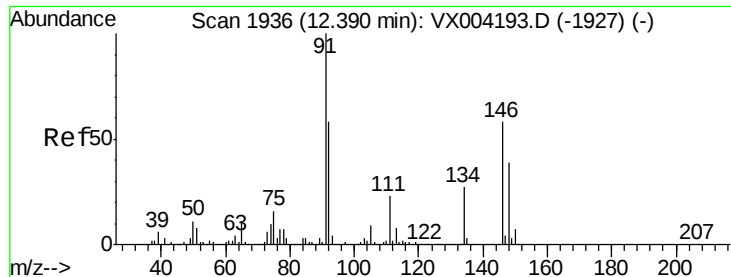


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

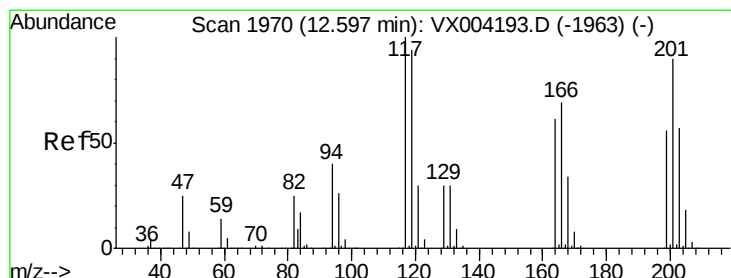
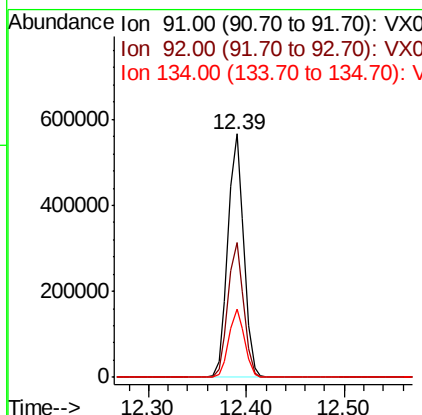
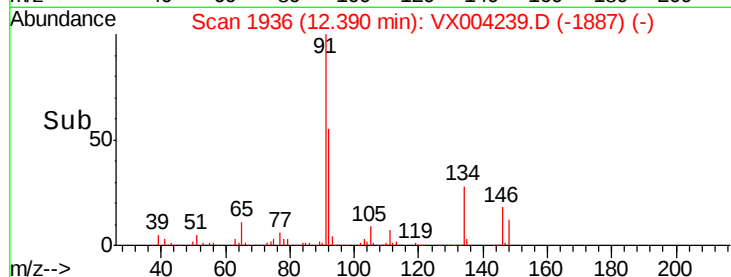
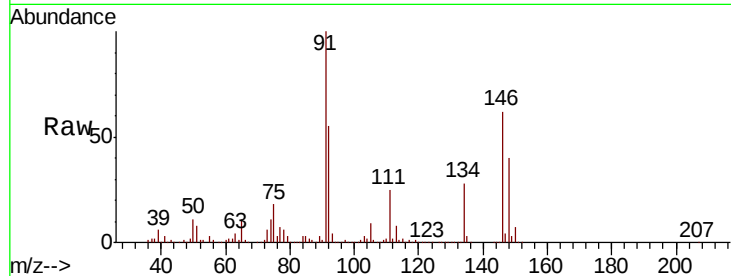




#89
n-Butylbenzene
Concen: 51.09 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

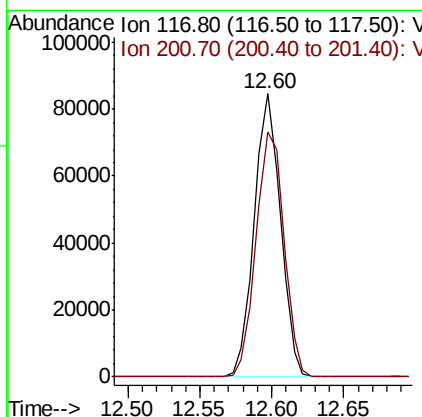
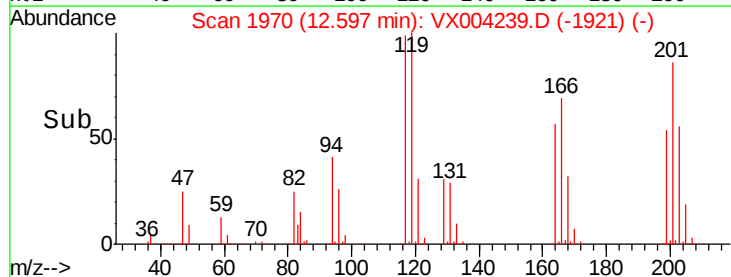
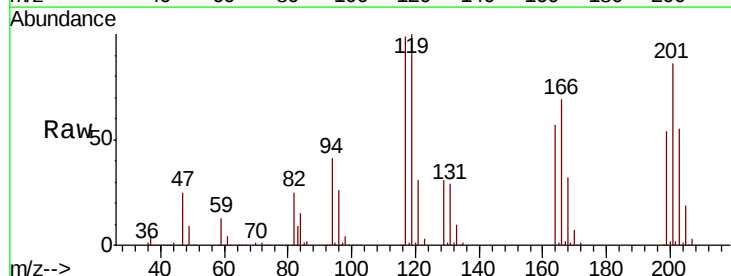
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

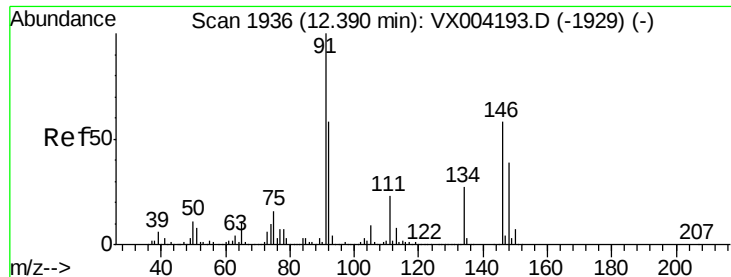
Tot Ion: 91 Resp: 639892
Ion Ratio Lower Upper
91 100
92 55.0 27.3 81.9
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 49.46 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004239.D
Acq: 24 Aug 2018 11:22

Tgt Ion: 117 Resp: 106473
Ion Ratio Lower Upper
117 100
201 92.0 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 53.92 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

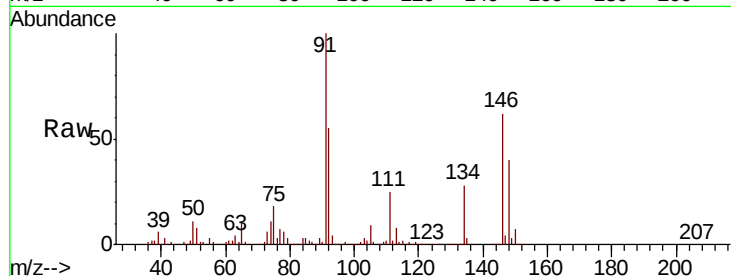
Tot Ion:146 Resp: 452226

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

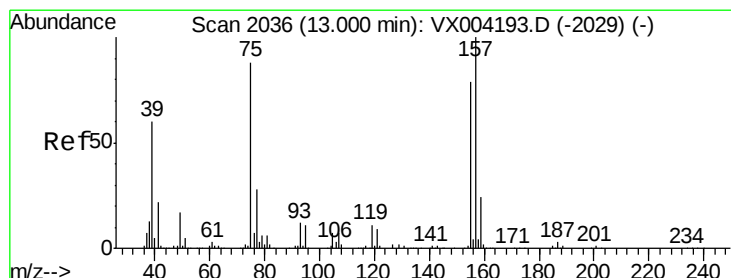
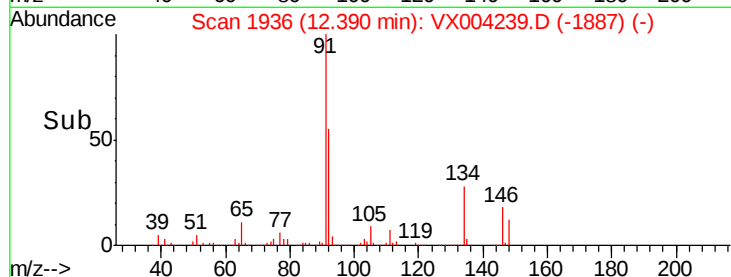
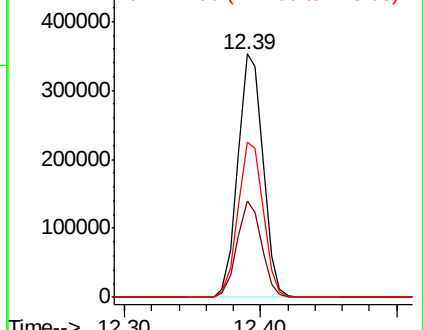
148 64.1 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.99 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

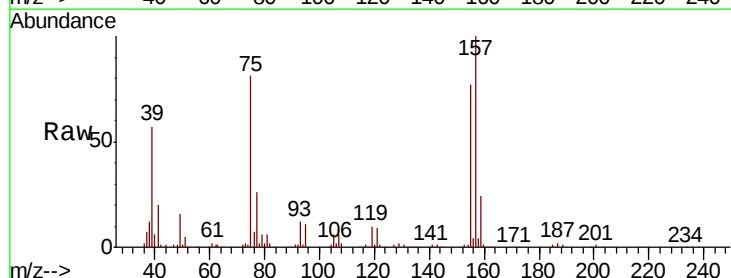
Tgt Ion: 75 Resp: 51391

Ion Ratio Lower Upper

75 100

155 99.7 48.0 144.2

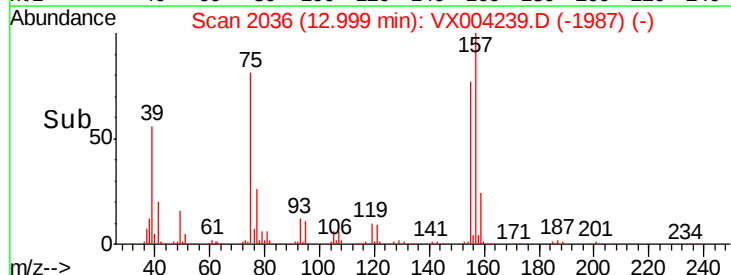
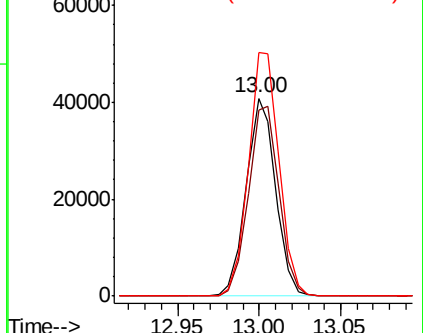
157 127.6 61.4 184.1

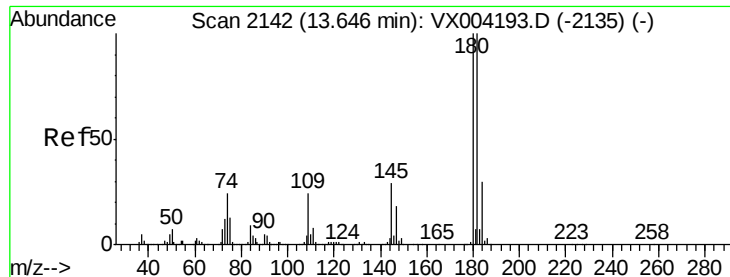


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

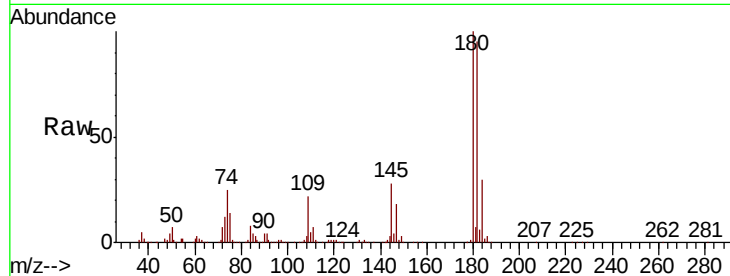




#93
 1,2,4-Trichlorobenzene
 Concen: 45.70 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.4	145.0
145	27.4	14.3	42.9

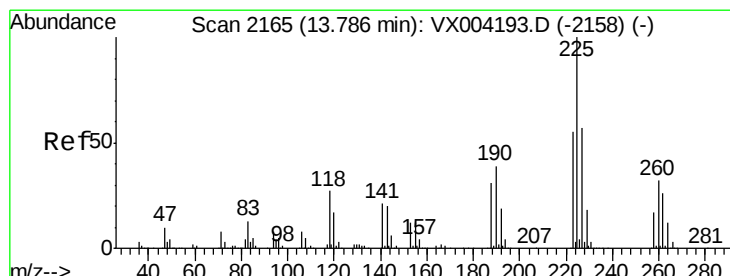
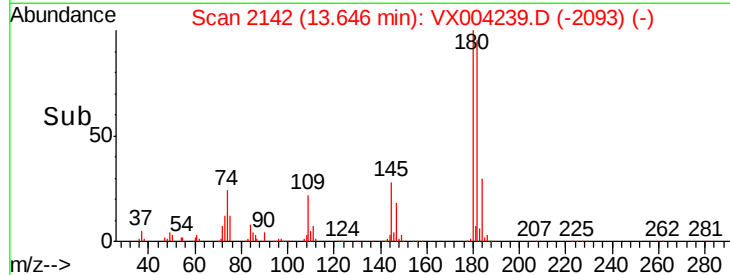
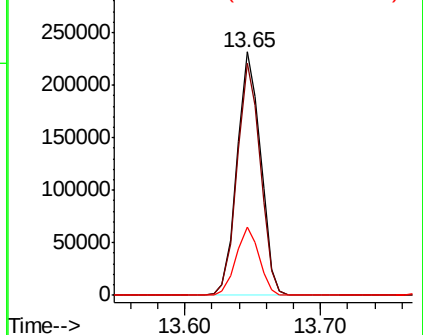


Abundance

Ion 179.80 (179.50 to 180.50): V

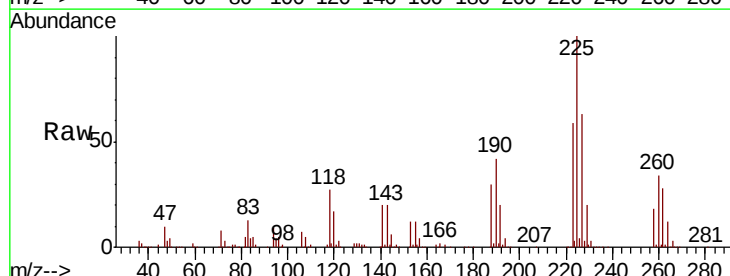
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 42.61 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004239.D
 Acq: 24 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.1	90.5
227	63.7	30.8	92.4

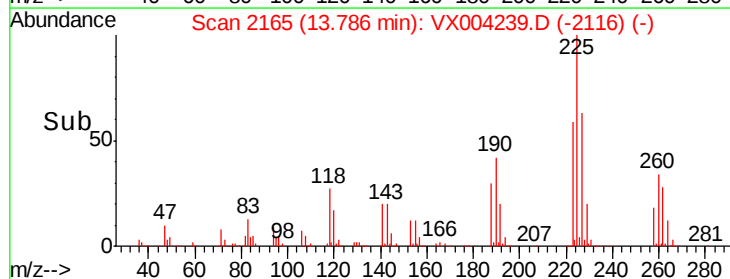
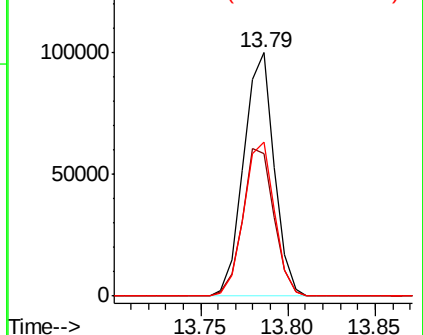


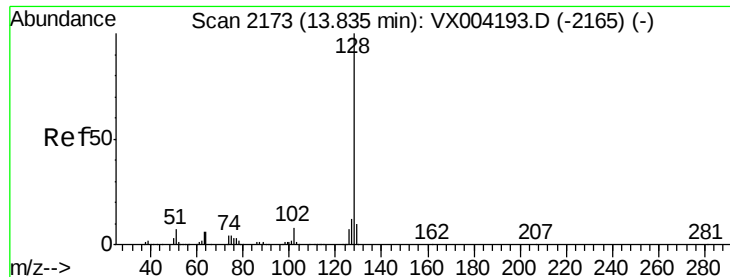
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.87 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

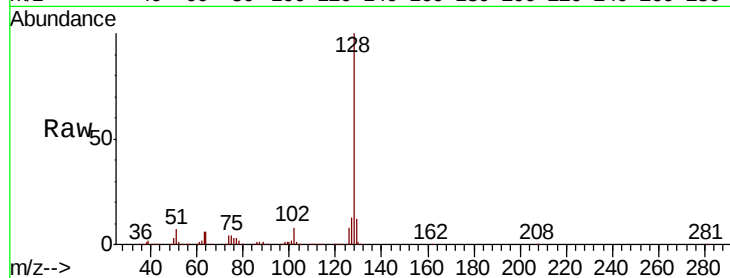
Tot Ion:128 Resp: 878028

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

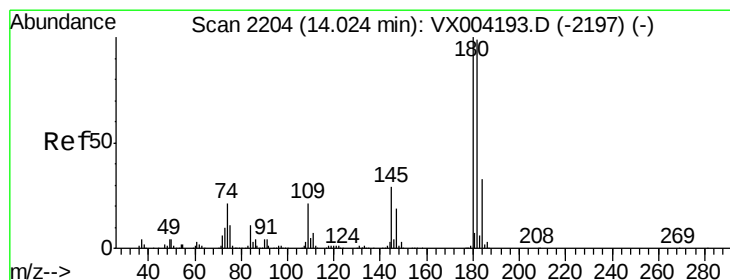
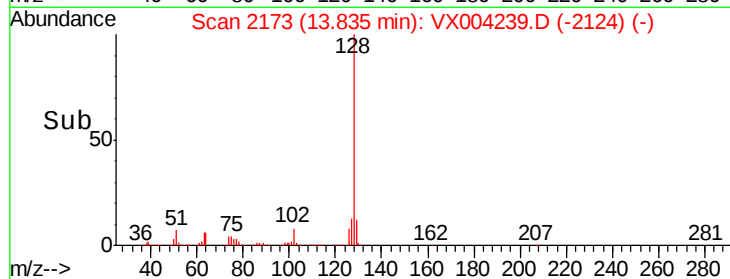
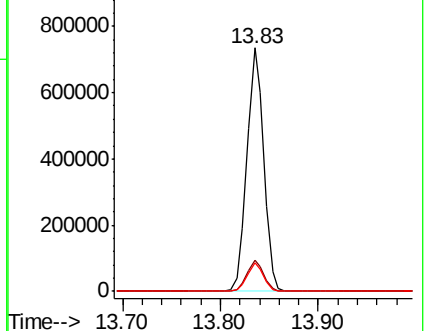
129 11.3 8.6 12.8



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: 46.66 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004239.D

Acq: 24 Aug 2018 11:22

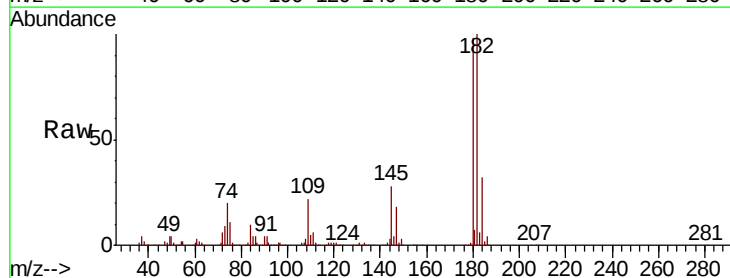
Tgt Ion:180 Resp: 301396

Ion Ratio Lower Upper

180 100

182 98.4 48.5 145.6

145 29.7 14.9 44.9



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

