

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004379.D
 Acq On : 06 Sep 2018 12:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 07 04:42:33 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	383279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	537391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	499859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	312772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	220272	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
35) Dibromofluoromethane	5.50	113	195481	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.71	98	722807	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.14	95	280640	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	176778	39.82	ug/l	97
3) Chloromethane	1.32	50	194779	39.76	ug/l	100
4) Vinyl Chloride	1.40	62	227029	45.21	ug/l	99
5) Bromomethane	1.63	94	103921	41.64	ug/l	99
6) Chloroethane	1.71	64	161873	45.23	ug/l	100
7) Trichlorofluoromethane	1.92	101	325345	47.28	ug/l	95
8) Diethyl Ether	2.18	74	147500	50.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212569	49.31	ug/l	99
10) Methyl Iodide	2.51	142	218095	45.28	ug/l	98
11) Tert butyl alcohol	3.07	59	259844	244.02	ug/l	99
12) 1,1-Dichloroethene	2.37	96	192728	47.47	ug/l	96
13) Acrolein	2.29	56	52290	203.68	ug/l	100
14) Allyl chloride	2.72	41	369623	49.55	ug/l	98
15) Acrylonitrile	3.15	53	645983	244.95	ug/l	99
16) Acetone	2.45	43	573195	282.12	ug/l	98
17) Carbon Disulfide	2.56	76	475242	42.27	ug/l	99
18) Methyl Acetate	2.78	43	459745	62.02	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	696304	52.04	ug/l	98
20) Methylene Chloride	2.85	84	223392	46.45	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	209300	46.57	ug/l	96
22) Diisopropyl ether	3.87	45	697881	50.10	ug/l	97
23) Vinyl Acetate	3.82	43	2697583	238.95	ug/l	100
24) 1,1-Dichloroethane	3.69	63	403021	49.65	ug/l	99
25) 2-Butanone	4.70	43	869787	259.96	ug/l	99
26) 2,2-Dichloropropane	4.58	77	329922	51.82	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	251674	49.37	ug/l	99
28) Bromochloromethane	5.01	49	162858	45.32	ug/l	100
29) Tetrahydrofuran	5.16	42	529982	246.93	ug/l	99
30) Chloroform	5.21	83	399004	49.03	ug/l	99
31) Cyclohexane	5.57	56	340946	48.68	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	334836	49.34	ug/l	99
36) 1,1-Dichloropropene	5.79	75	299241	49.53	ug/l	99
37) Ethyl Acetate	4.85	43	300546	50.58	ug/l	99
38) Carbon Tetrachloride	5.77	117	290602	51.13	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	371798	53.90	ug/l	100
40) Benzene	6.14	78	916224	50.75	ug/l	99
41) Methacrylonitrile	5.06	41	179514	52.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	304450	49.44	ug/l	99
43) Isopropyl Acetate	6.46	43	492917	53.99	ug/l	99
44) Trichloroethene	7.21	130	254922	51.01	ug/l	99
45) 1,2-Dichloropropane	7.51	63	238488	52.78	ug/l	99
46) Dibromomethane	7.66	93	150300	49.96	ug/l	98
47) Bromodichloromethane	7.90	83	296612	52.99	ug/l	99
48) Methyl methacrylate	7.77	41	261385	53.50	ug/l	98
49) 1,4-Dioxane	7.76	88	113144	1020.07	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1658651	250.03	ug/l	99
52) Toluene	8.79	92	587480	51.99	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	345187	55.83	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	376136	55.85	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	240563	52.74	ug/l	98
56) Ethyl methacrylate	9.18	69	359766	57.94	ug/l	97
57) 1,3-Dichloropropane	9.37	76	403458	52.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	775494	243.73	ug/l	99
59) 2-Hexanone	9.50	43	1289915	254.88	ug/l	99
60) Dibromochloromethane	9.59	129	246746	55.52	ug/l	99
61) 1,2-Dibromoethane	9.67	107	245122	51.92	ug/l	99
64) Tetrachloroethene	9.34	164	269920	54.66	ug/l	98
65) Chlorobenzene	10.14	112	649231	51.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	236917	54.75	ug/l	97
67) Ethyl Benzene	10.26	91	1108836	54.42	ug/l	99
68) m/p-Xylenes	10.36	106	843964	105.94	ug/l	97
69) o-Xylene	10.70	106	420710	55.83	ug/l	99
70) Styrene	10.71	104	721034	59.09	ug/l	98
71) Bromoform	10.86	173	191885	55.01	ug/l	98
73) Isopropylbenzene	11.02	105	1167163	56.82	ug/l	99
74) N-amyl acetate	10.90	43	432986	54.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	363200	50.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	428591	67.38	ug/l	86
77) Bromobenzene	11.26	156	308517	53.54	ug/l	99
78) n-propylbenzene	11.36	91	1345392	56.94	ug/l	99
79) 2-Chlorotoluene	11.42	91	781127	53.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	965035	56.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	112415	57.34	ug/l	95
82) 4-Chlorotoluene	11.51	91	922132	53.89	ug/l	99
83) tert-Butylbenzene	11.77	119	977525	57.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1005510	57.58	ug/l	99
85) sec-Butylbenzene	11.94	105	1216850	59.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	1105610	60.71	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	577159	53.20	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	582591	50.93	ug/l	99
89) n-Butylbenzene	12.39	91	935983	63.21	ug/l	98
90) Hexachloroethane	12.60	117	152930	60.08	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	546799	55.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68442	54.05	ug/l	92

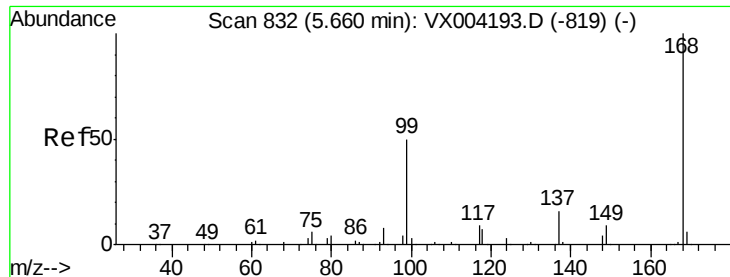
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	434660	60.25	ug/l	98
94) Hexachlorobutadiene	13.79	225	219368	65.40	ug/l	95
95) Naphthalene	13.83	128	1264187	61.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	450248	58.95	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

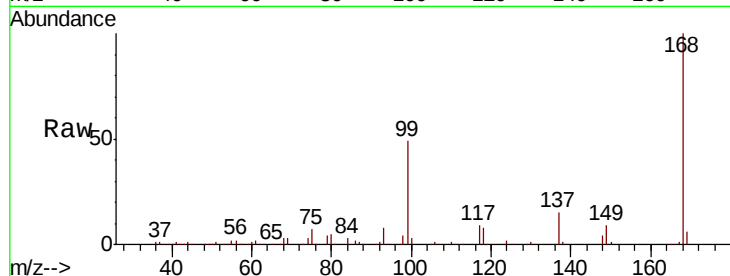
VSTDCCC050

Tot Ion:168 Resp: 383279

Ion Ratio Lower Upper

168 100

99 48.7 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

150000

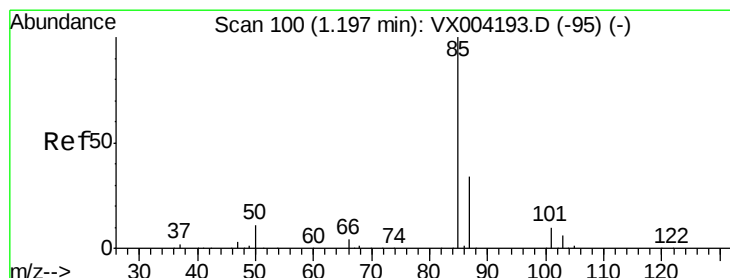
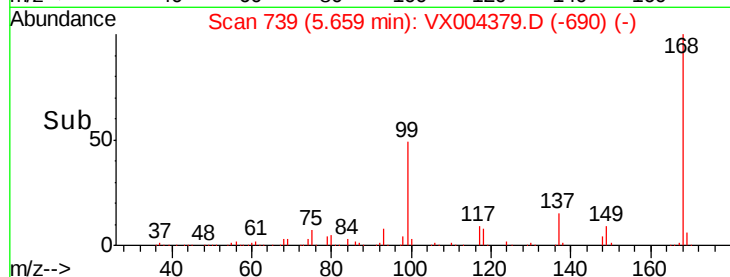
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 39.82 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004379.D

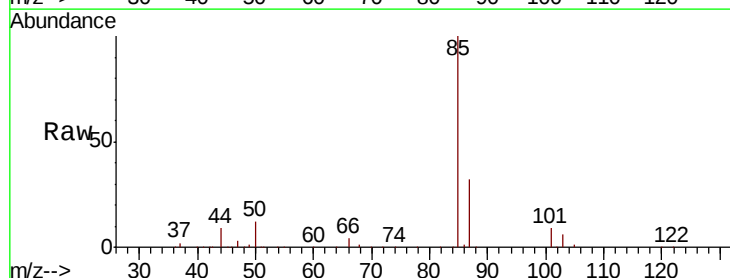
Acq: 06 Sep 2018 12:19

Tgt Ion: 85 Resp: 176778

Ion Ratio Lower Upper

85 100

87 32.5 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

150000

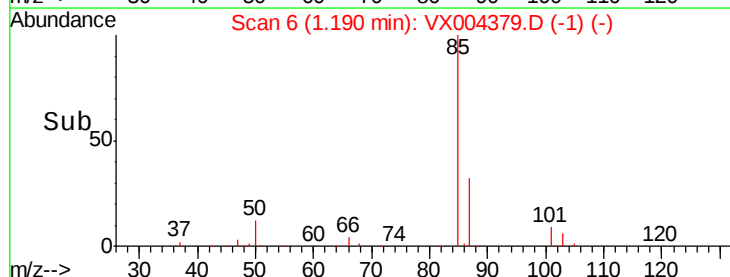
100000

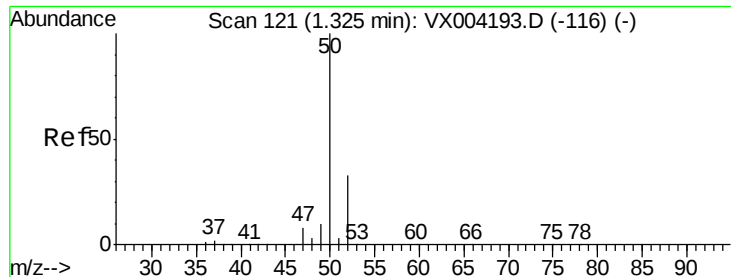
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 39.76 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

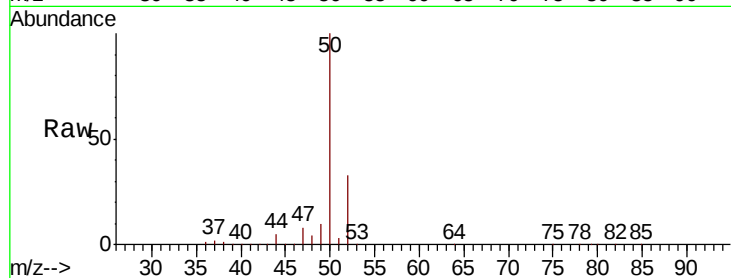
VSTDCCC050

Tot Ion: 50 Resp: 194779

Ion Ratio Lower Upper

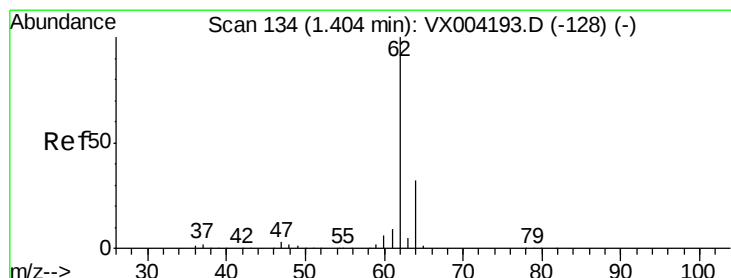
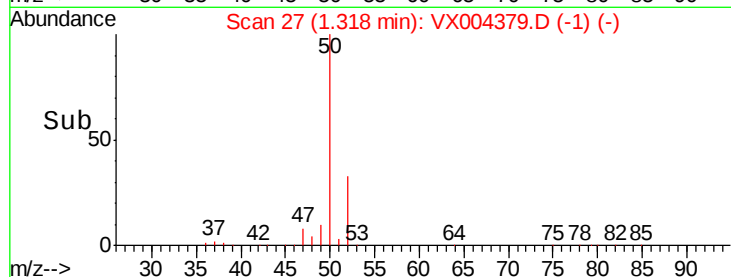
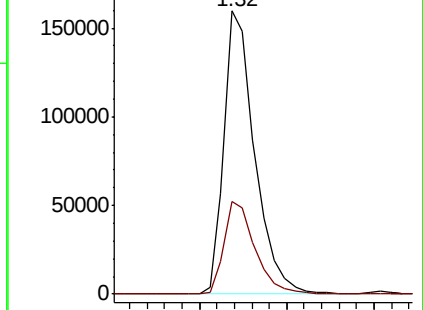
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.21 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004379.D

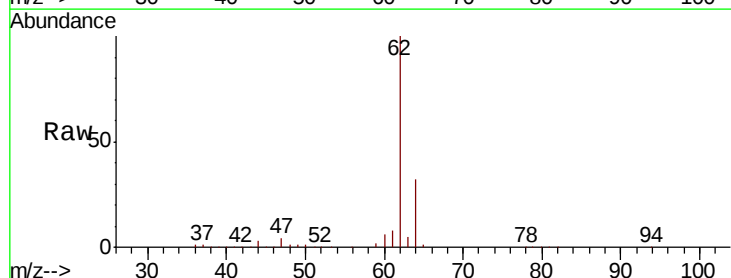
Acq: 06 Sep 2018 12:19

Tgt Ion: 62 Resp: 227029

Ion Ratio Lower Upper

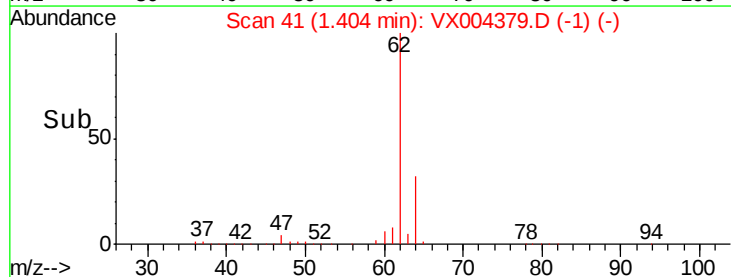
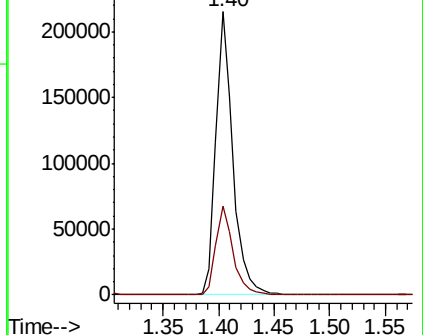
62 100

64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.64 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampled :

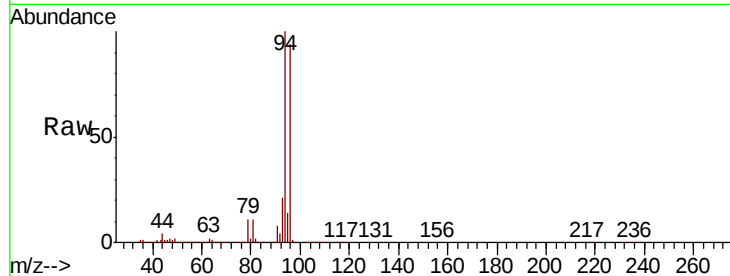
VSTDCCC050

Tot Ion: 94 Resp: 103921

Ion Ratio Lower Upper

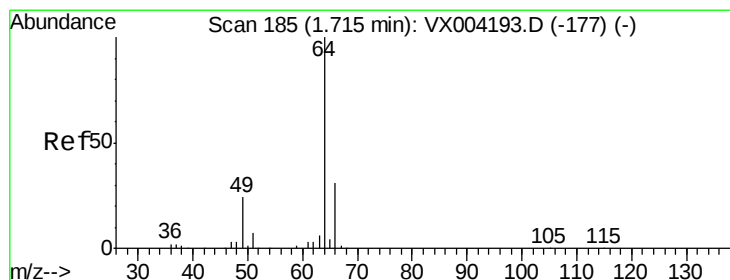
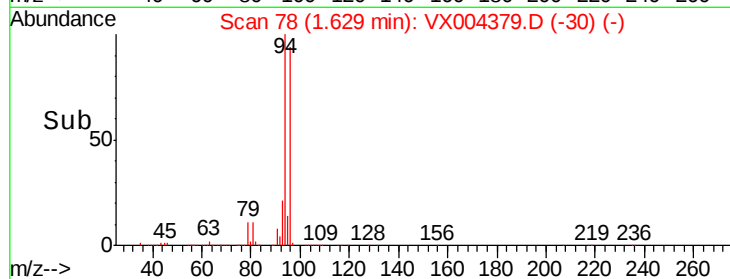
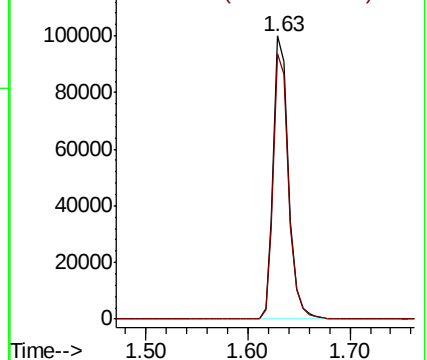
94 100

96 93.8 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: 45.23 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004379.D

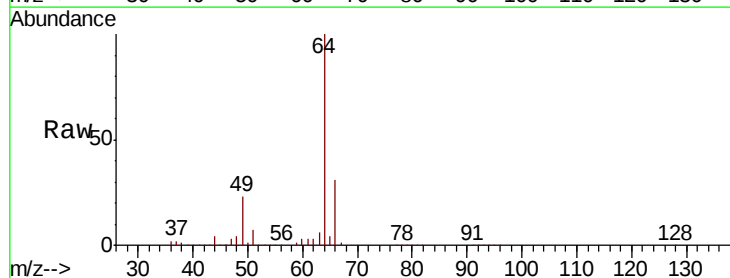
Acq: 06 Sep 2018 12:19

Tgt Ion: 64 Resp: 161873

Ion Ratio Lower Upper

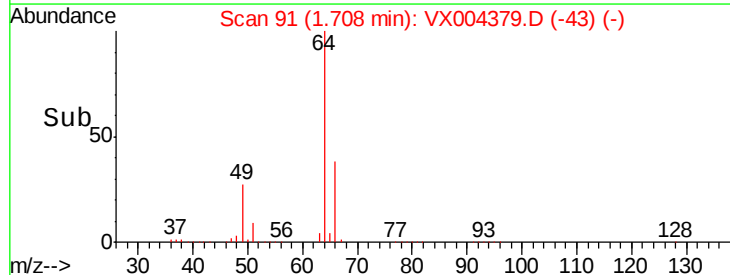
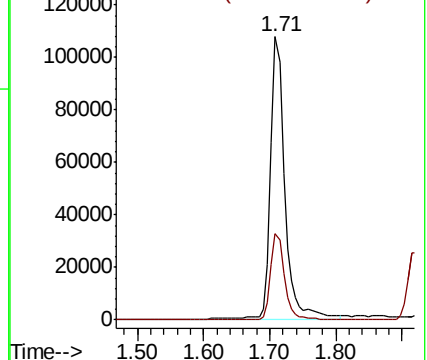
64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



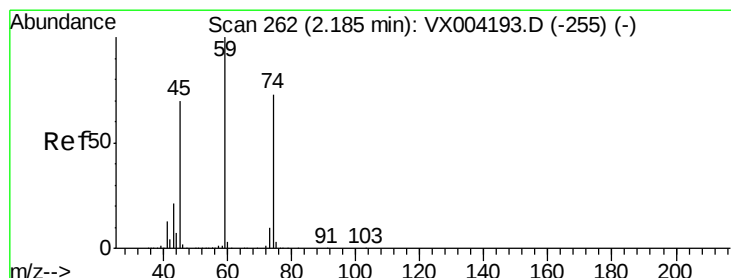
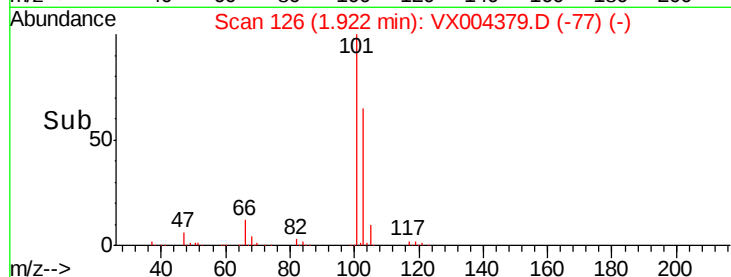
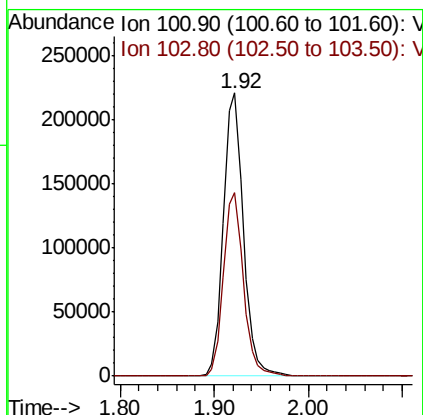
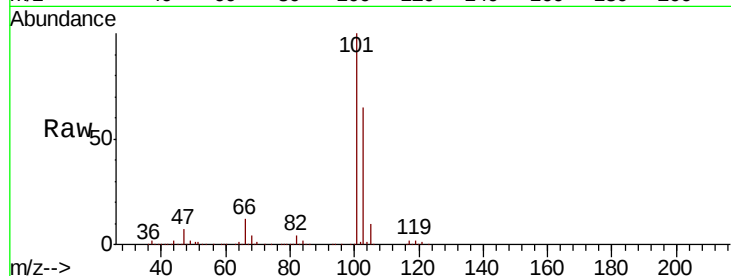


#7

Trichlorofluoromethane
 Concen: 47.28 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

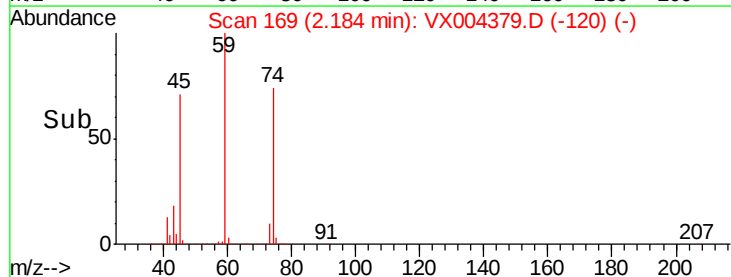
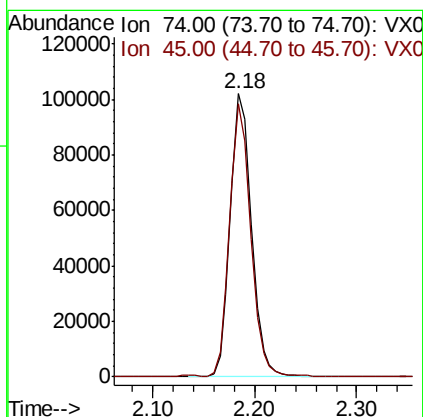
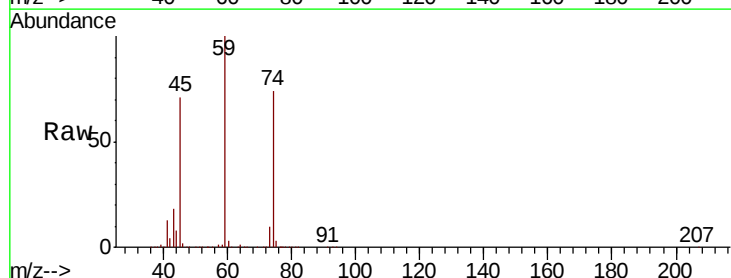
Tot Ion:101 Resp: 325345
 Ion Ratio Lower Upper
 101 100
 103 64.8 48.9 73.3

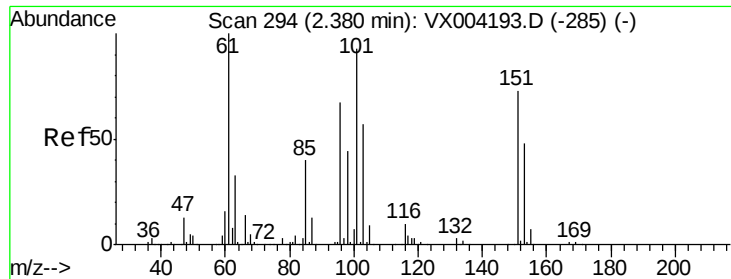


#8

Diethyl Ether
 Concen: 50.05 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 74 Resp: 147500
 Ion Ratio Lower Upper
 74 100
 45 95.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.31 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

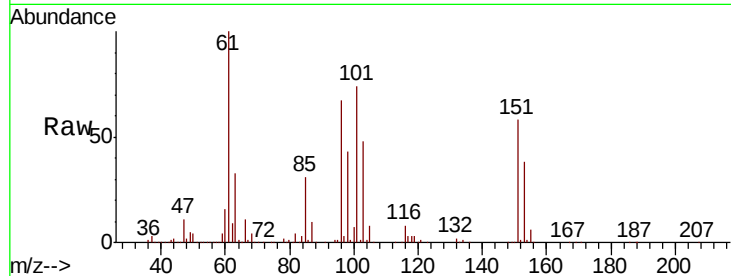
Tot Ion:101 Resp: 212569

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

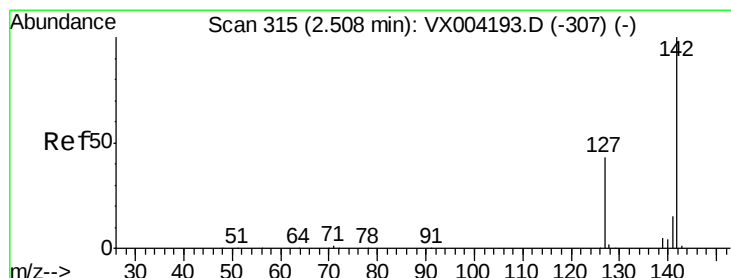
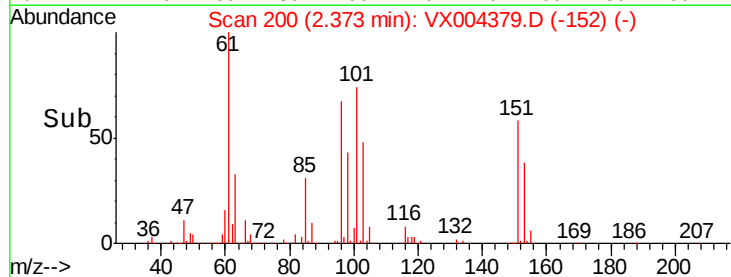
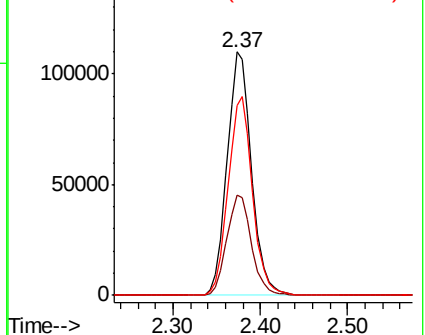
151 81.7 65.0 97.6



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: 45.28 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

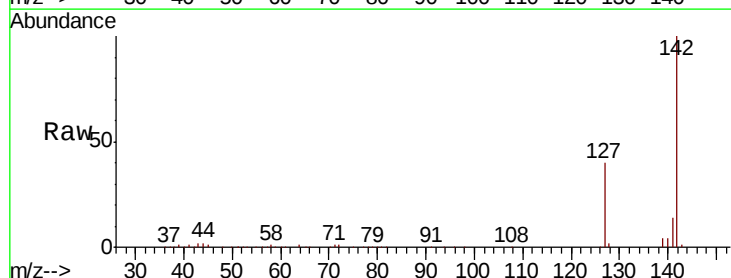
Tgt Ion:142 Resp: 218095

Ion Ratio Lower Upper

142 100

127 40.3 33.8 50.6

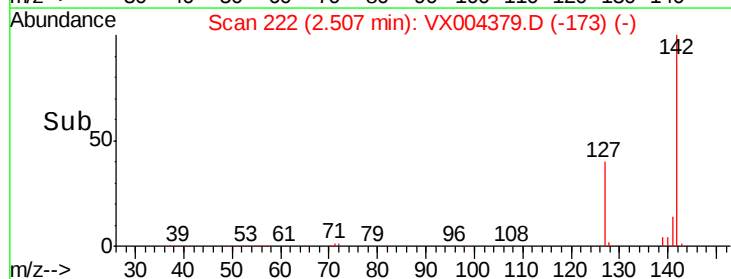
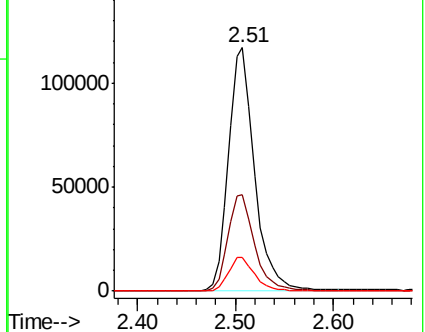
141 14.0 11.4 17.0

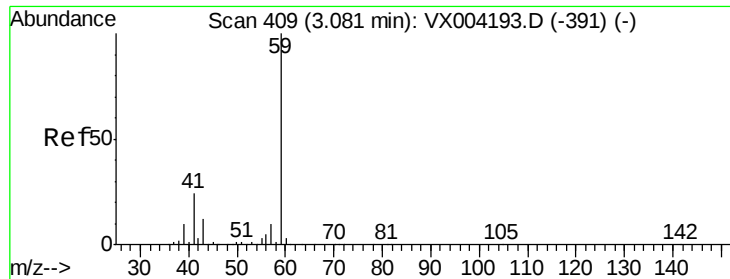


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

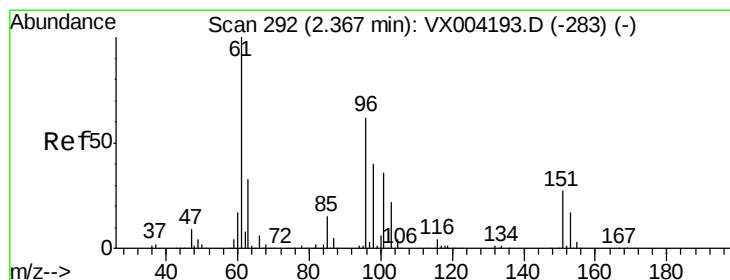
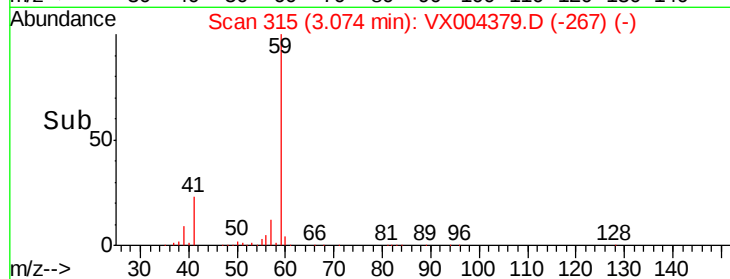
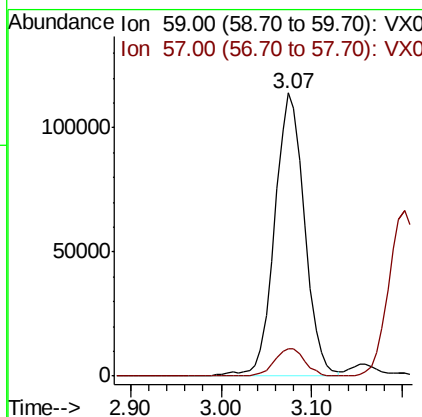
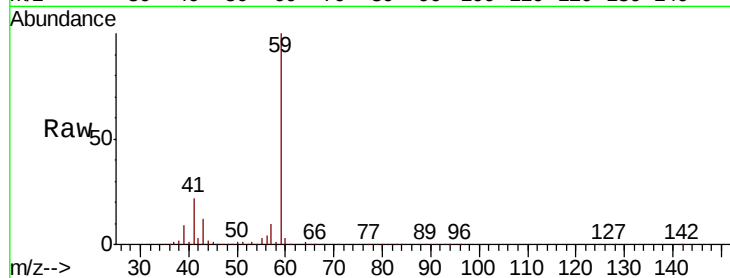




#11
Tert butyl alcohol
Concen: 244.02 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

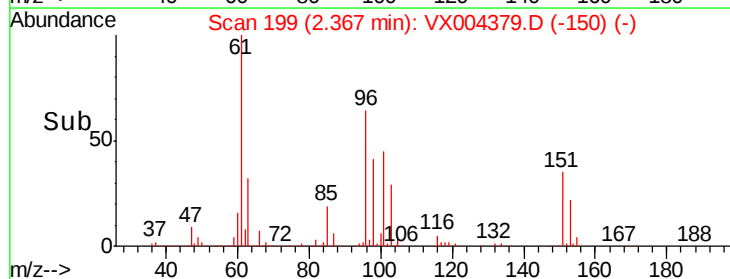
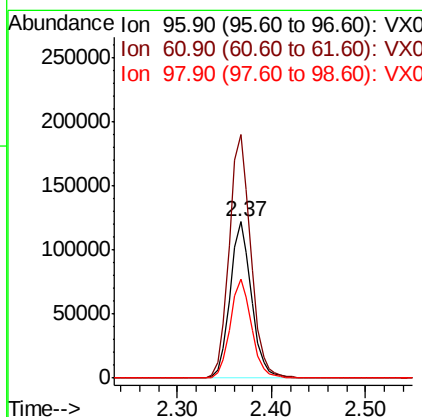
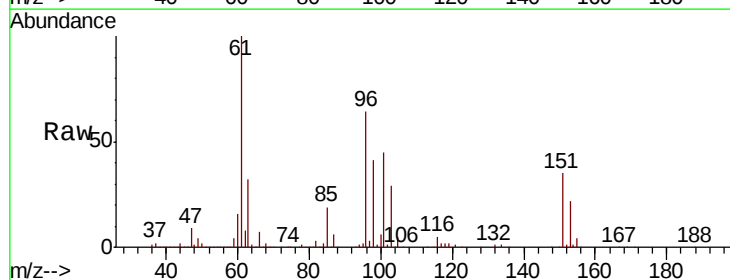
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

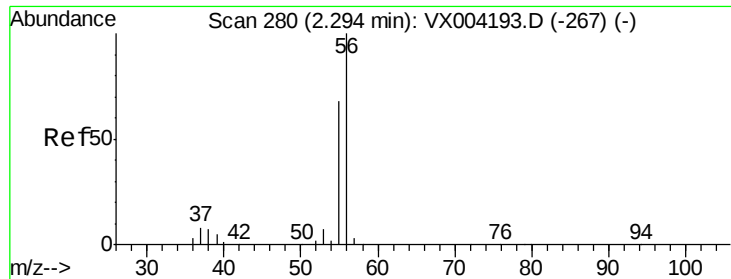
Tot Ion: 59 Resp: 259844
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.47 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 96 Resp: 192728
Ion Ratio Lower Upper
96 100
61 155.6 128.8 193.2
98 63.4 52.2 78.2





#13

Acrolein

Concen: 203.68 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

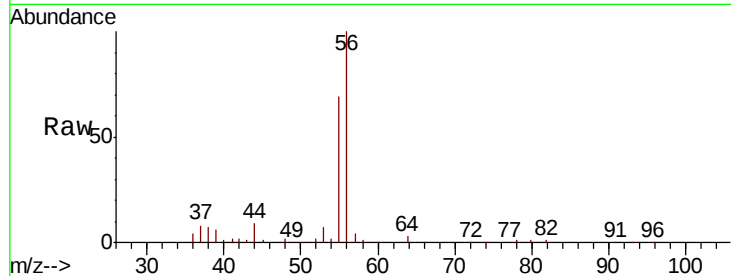
VSTDCCC050

Tot Ion: 56 Resp: 52290

Ion Ratio Lower Upper

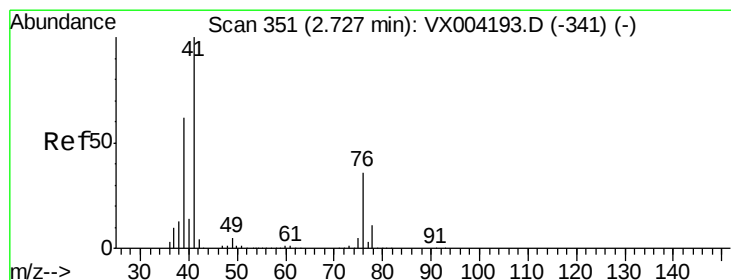
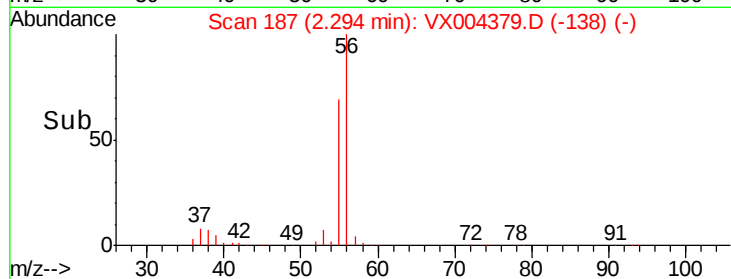
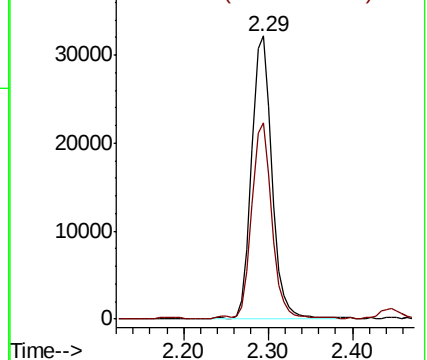
56 100

55 68.5 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: 49.55 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

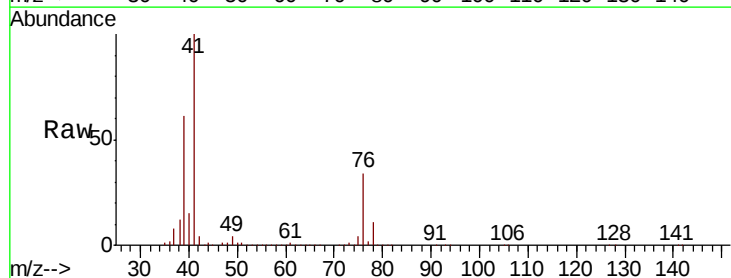
Tgt Ion: 41 Resp: 369623

Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

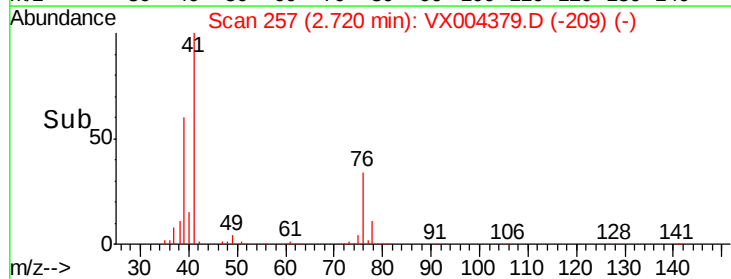
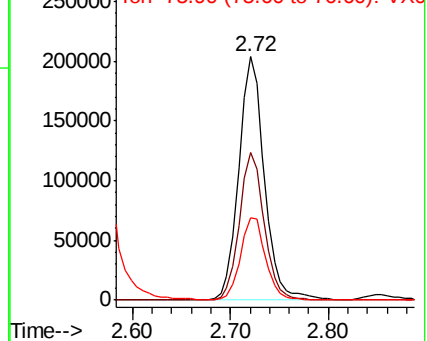
76 33.4 26.7 40.1



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: 244.95 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

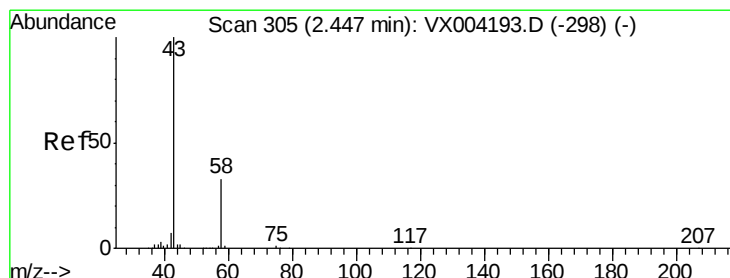
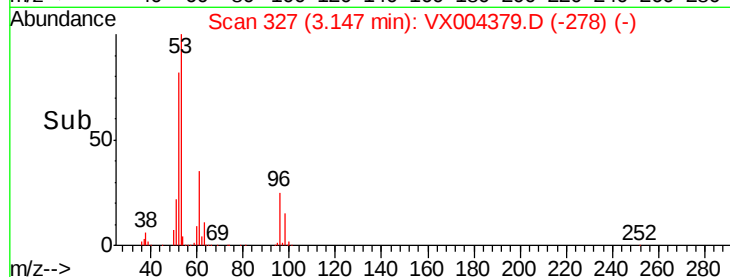
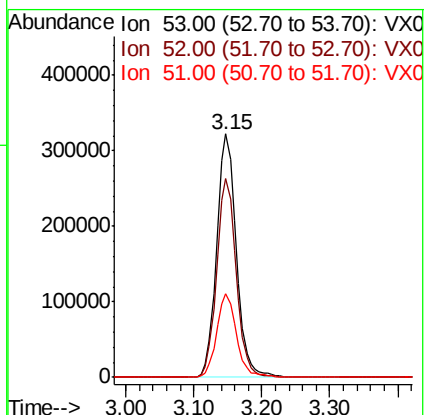
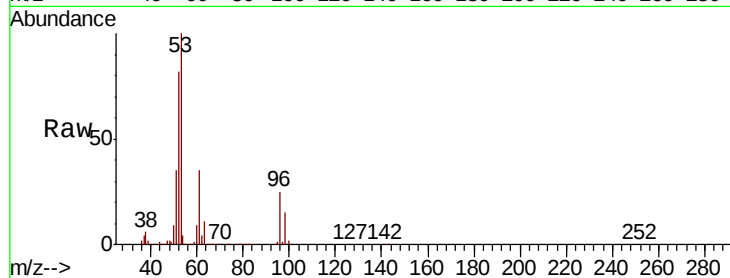
Tot Ion: 53 Resp: 645983

Ion Ratio Lower Upper

53 100

52 81.2 65.2 97.8

51 34.4 28.2 42.2



#16

Acetone

Concen: 282.12 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004379.D

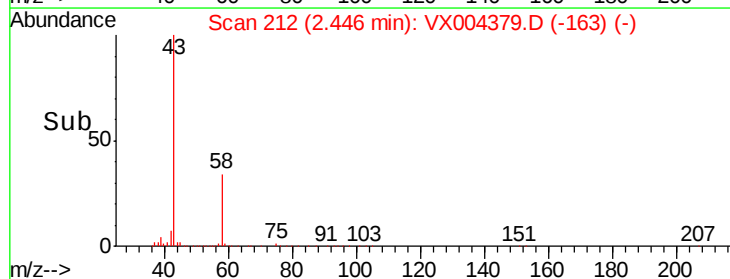
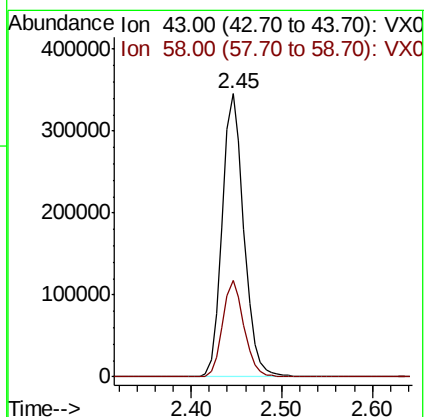
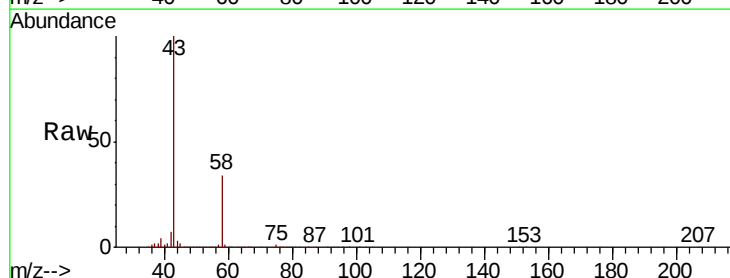
Acq: 06 Sep 2018 12:19

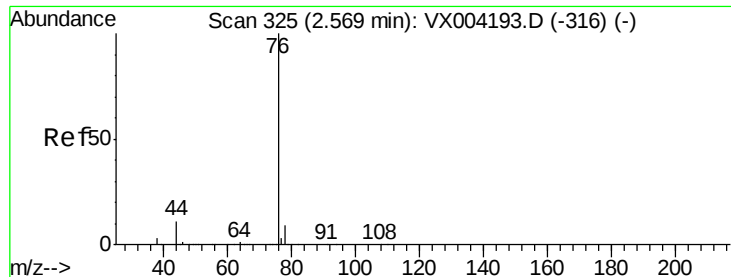
Tgt Ion: 43 Resp: 573195

Ion Ratio Lower Upper

43 100

58 33.9 26.2 39.4

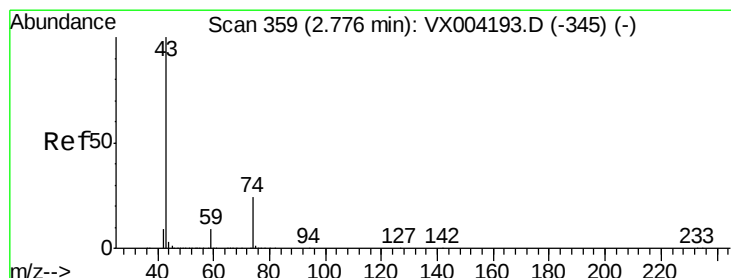
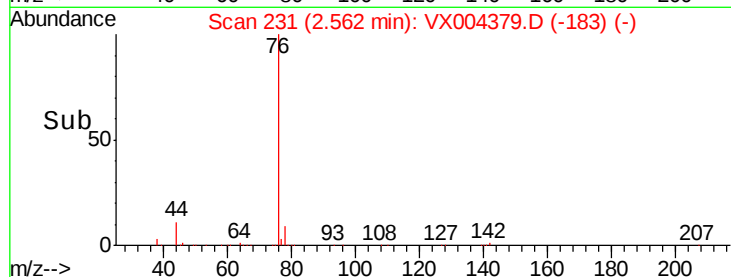
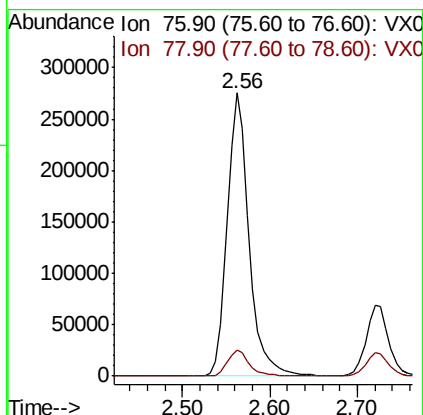
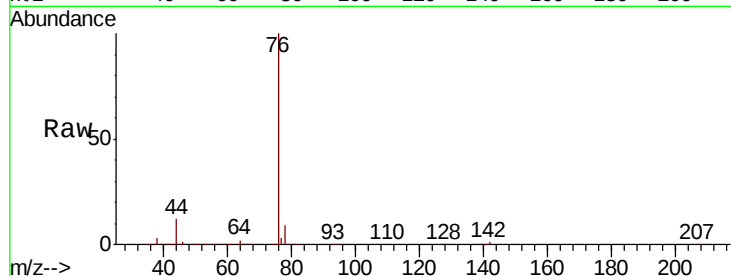




#17
Carbon Disulfide
Concen: 42.27 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

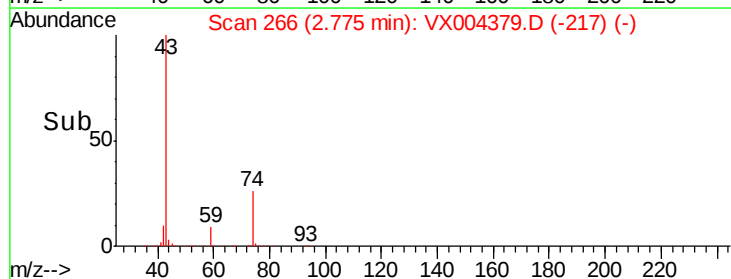
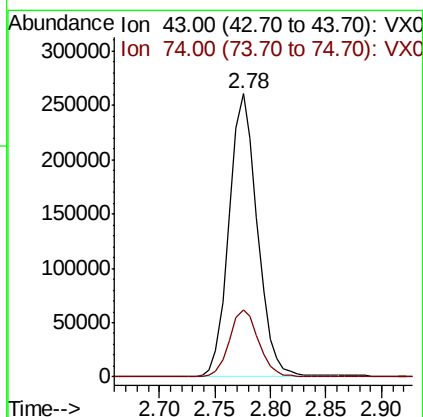
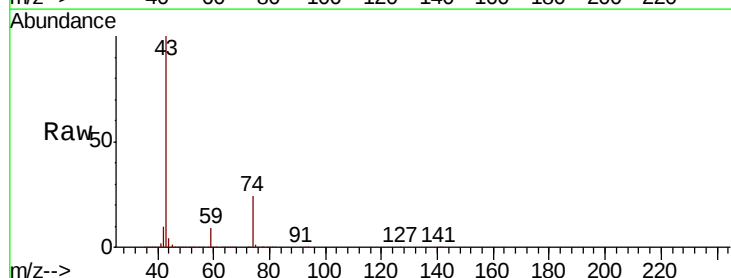
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

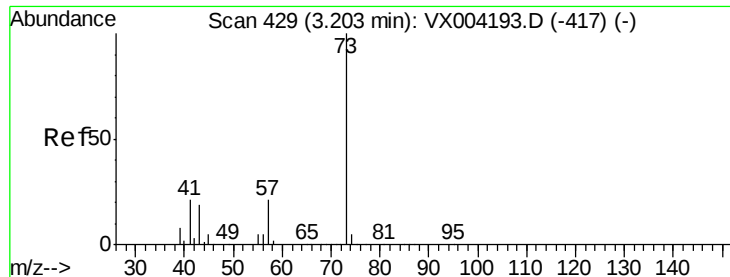
Tot Ion: 76 Resp: 475242
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 62.02 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 43 Resp: 459745
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2

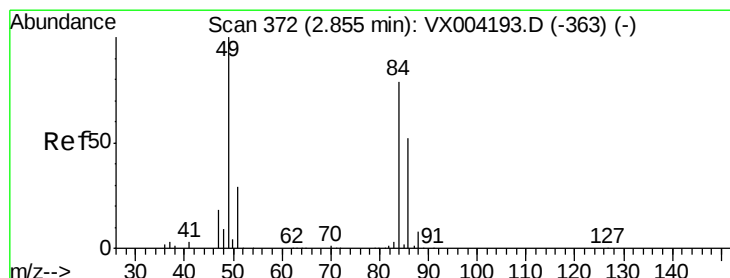
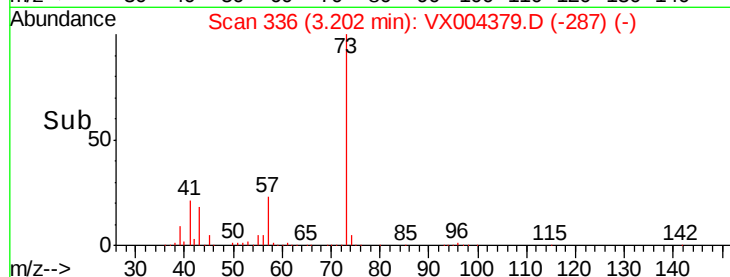
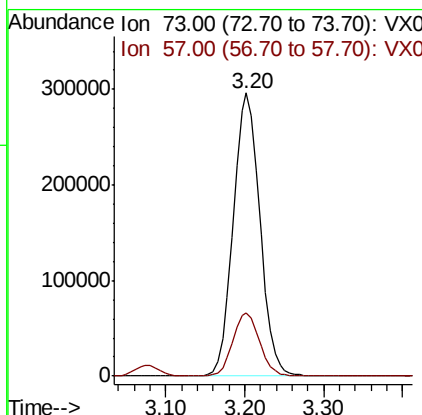
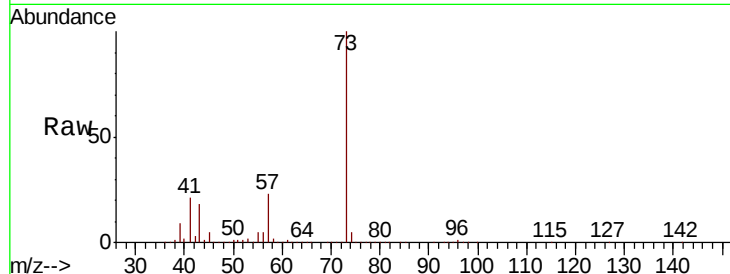




#19
Methyl tert-butyl Ether
Concen: 52.04 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

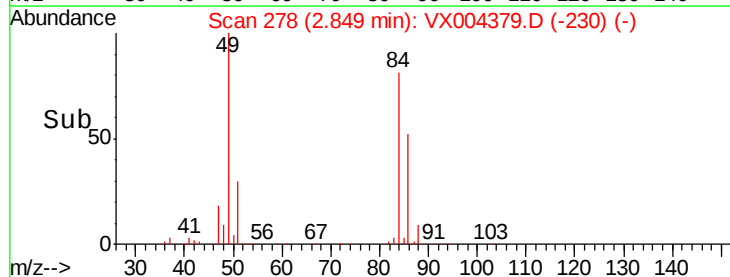
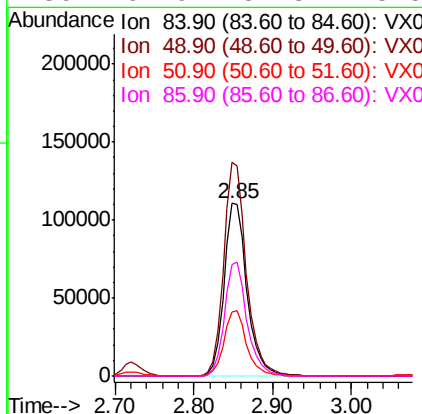
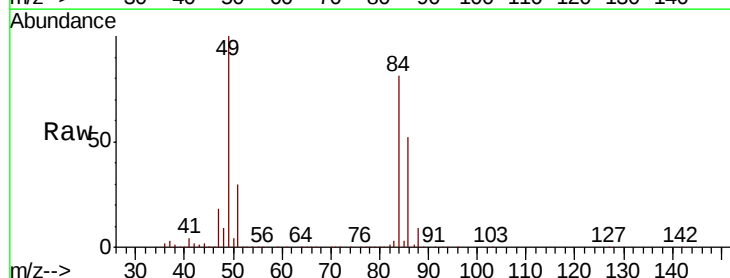
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

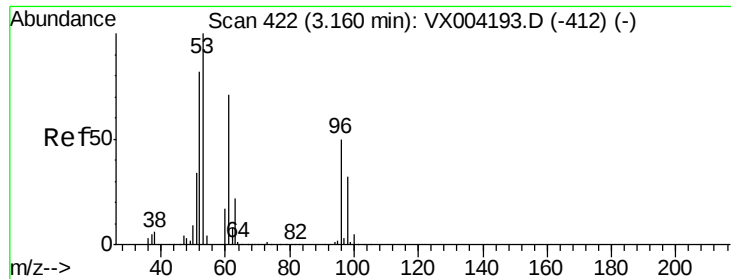
Tot Ion: 73 Resp: 696304
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 46.45 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 84 Resp: 223392
Ion Ratio Lower Upper
84 100
49 123.9 101.2 151.8
51 37.3 29.5 44.3
86 64.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 46.57 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

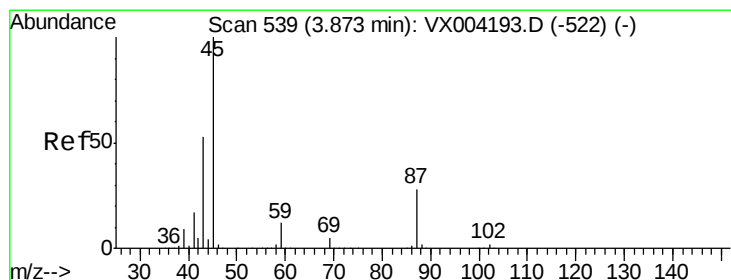
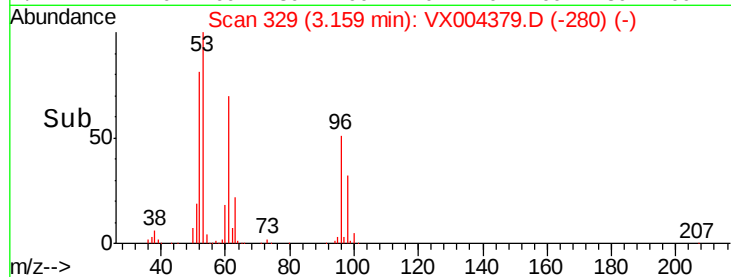
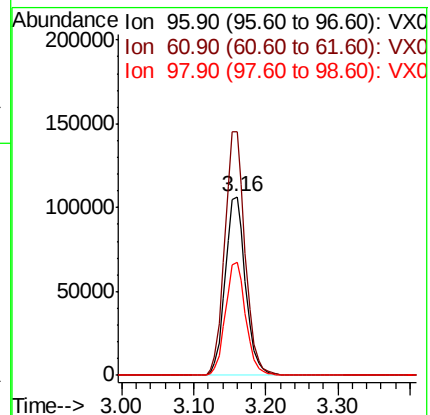
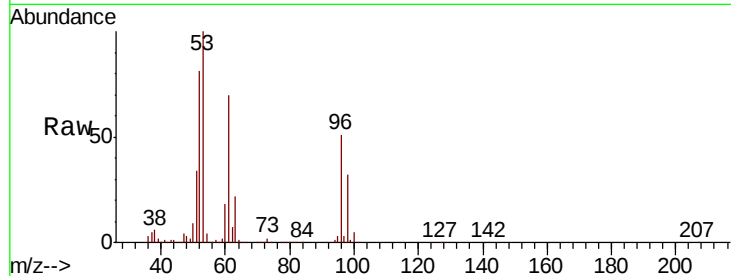
Tot Ion: 96 Resp: 209300

Ion Ratio Lower Upper

96 100

61 136.0 113.8 170.6

98 63.1 51.8 77.8



#22

Diisopropyl ether

Concen: 50.10 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion: 45 Resp: 697881

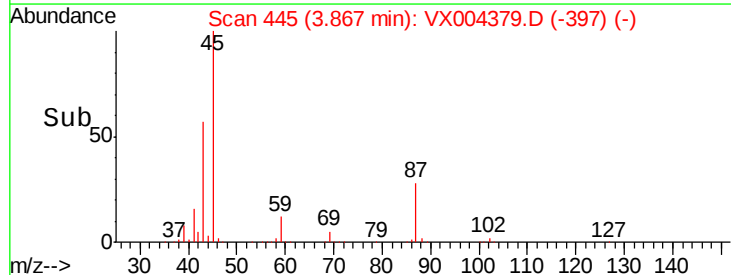
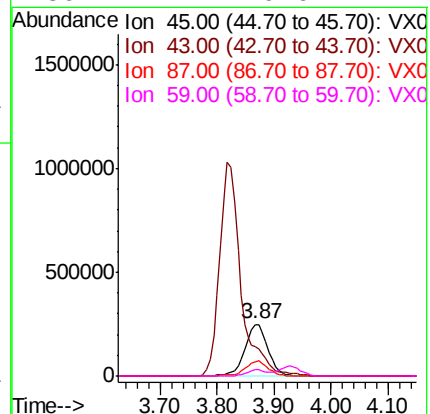
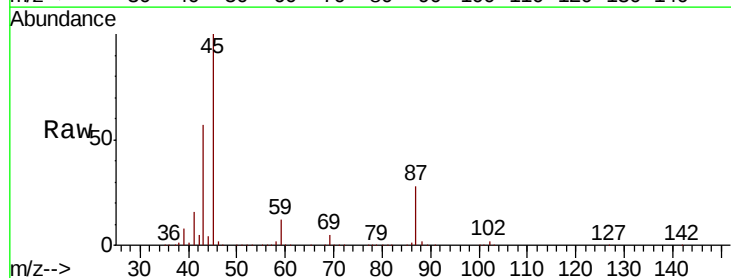
Ion Ratio Lower Upper

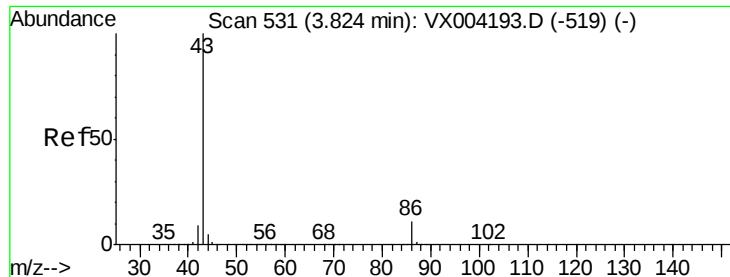
45 100

43 56.8 42.8 64.2

87 28.1 22.6 34.0

59 12.4 9.6 14.4

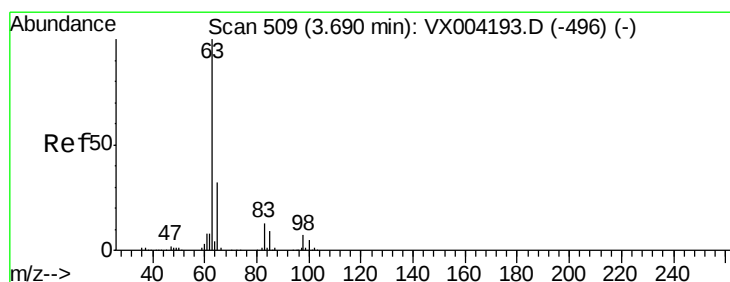
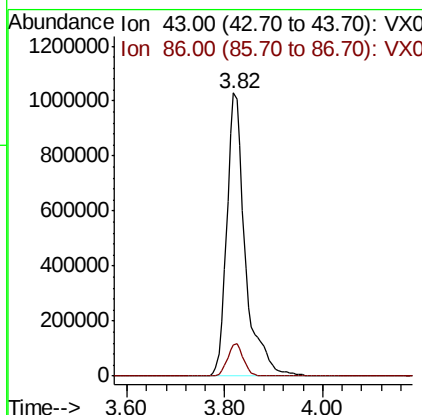
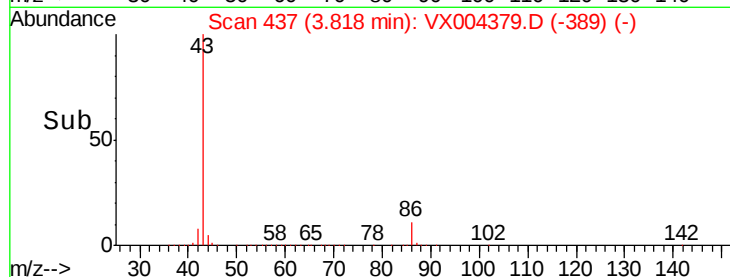
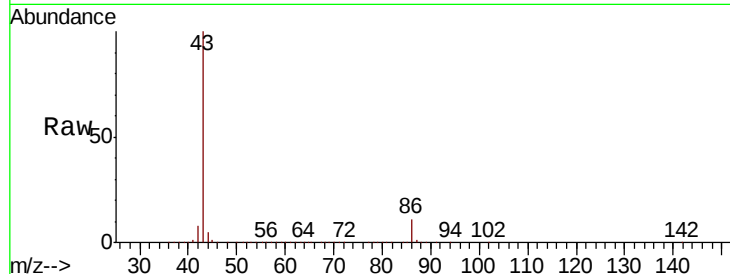




#23
 Vinyl Acetate
 Concen: 238.95 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

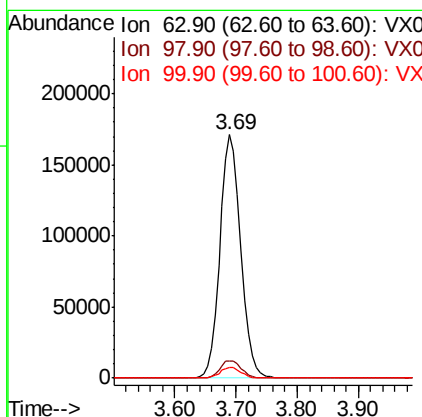
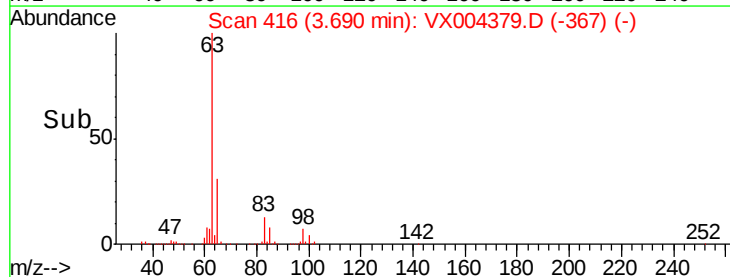
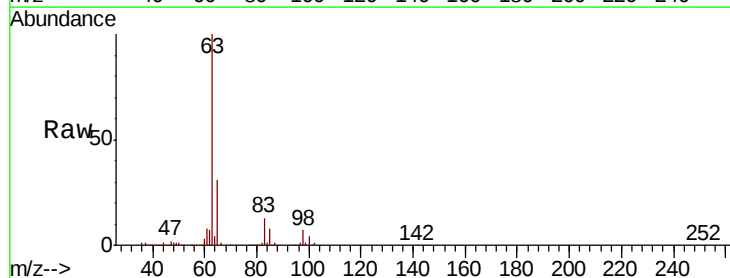
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

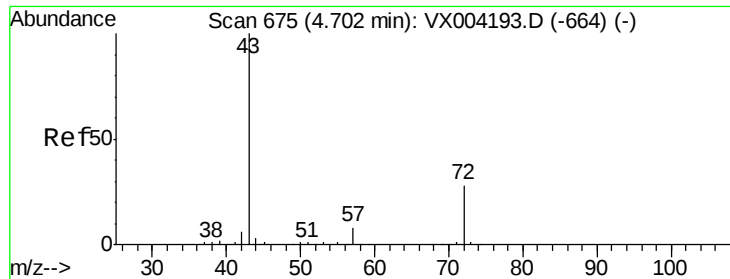
Tot Ion: 43 Resp: 2697583
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.65 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 63 Resp: 403021
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 259.96 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

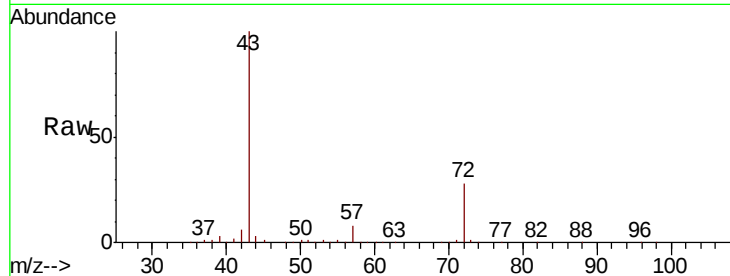
VSTDCCC050

Tot Ion: 43 Resp: 869787

Ion Ratio Lower Upper

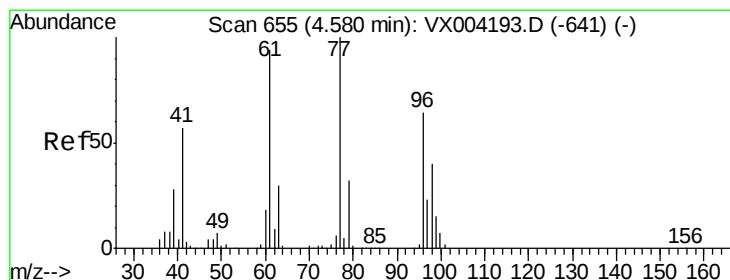
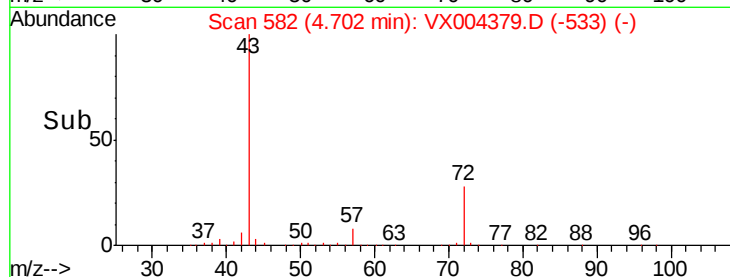
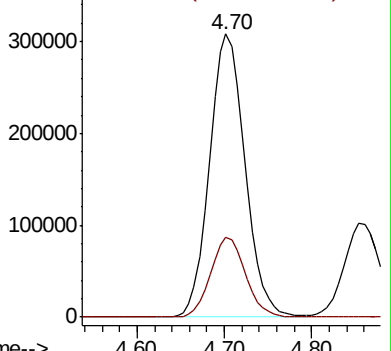
43 100

72 27.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.82 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004379.D

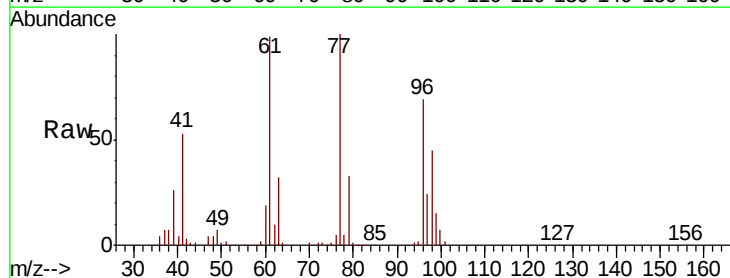
Acq: 06 Sep 2018 12:19

Tgt Ion: 77 Resp: 329922

Ion Ratio Lower Upper

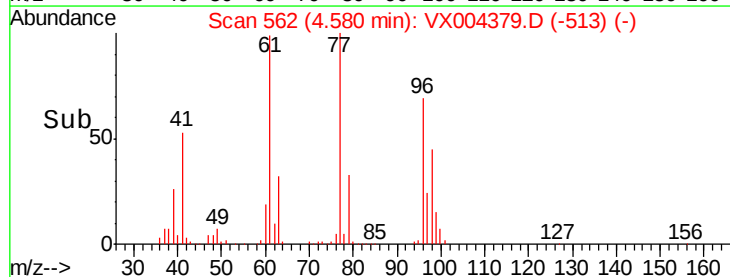
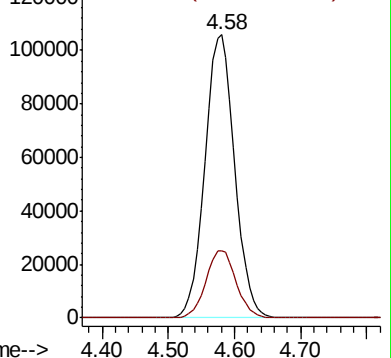
77 100

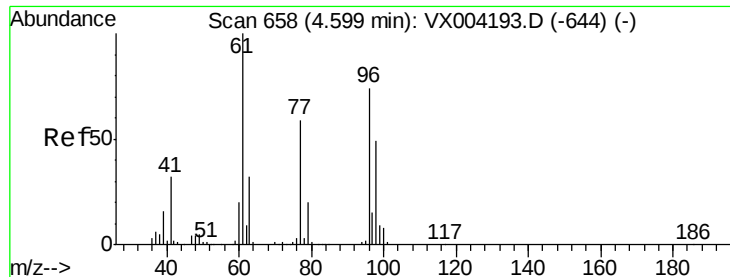
97 24.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



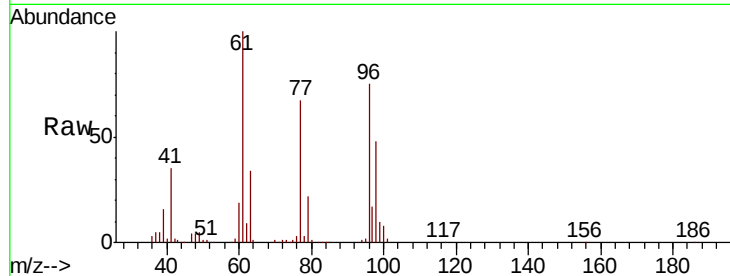


#27

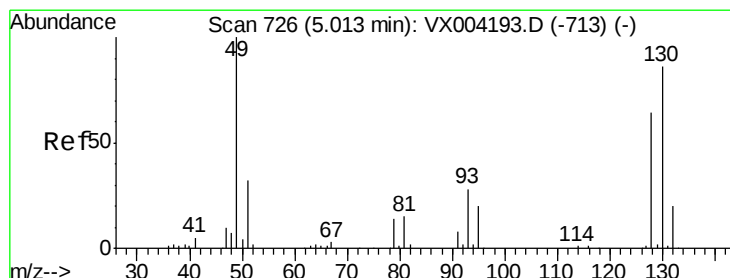
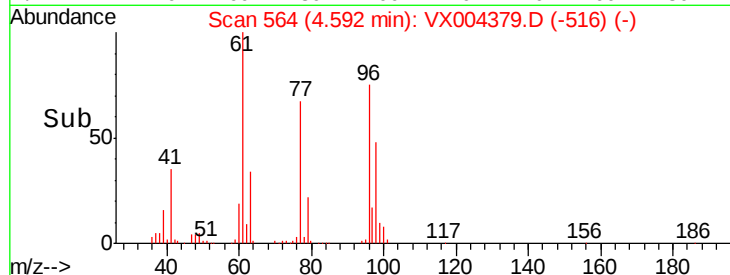
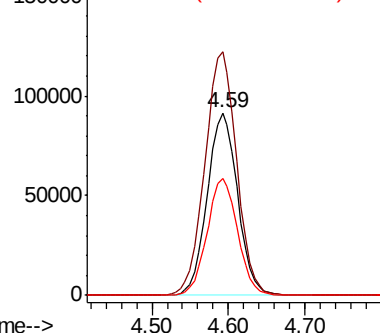
cis-1,2-Dichloroethene
Concen: 49.37 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 251674
Ion Ratio Lower Upper
96 100
61 139.1 0.0 282.6
98 64.4 0.0 130.2



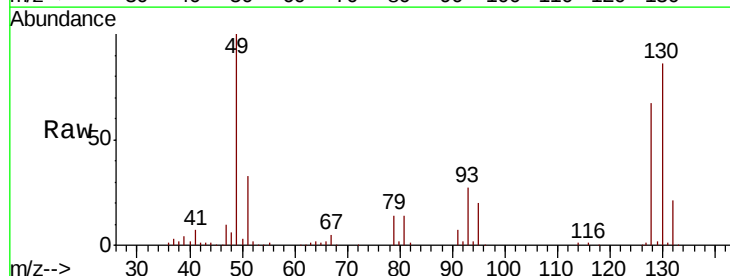
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



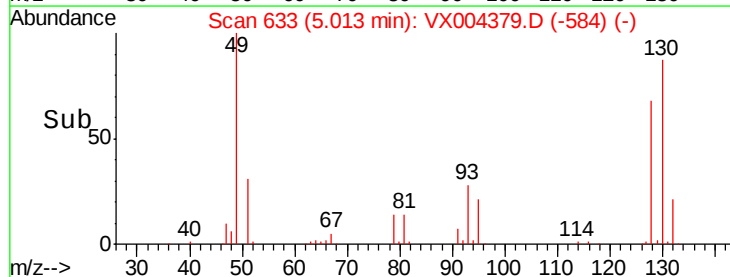
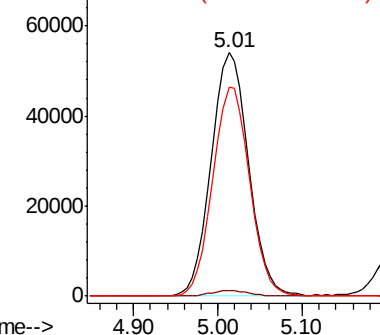
#28

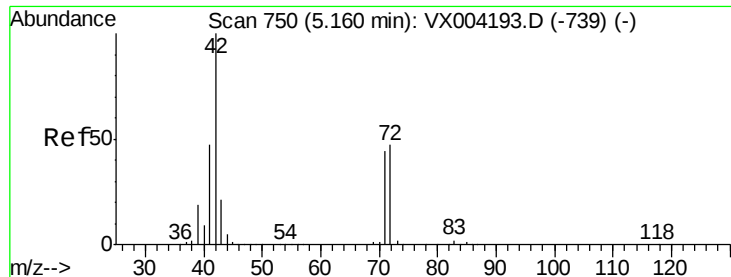
Bromochloromethane
Concen: 45.32 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 49 Resp: 162858
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 84.8 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: 246.93 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

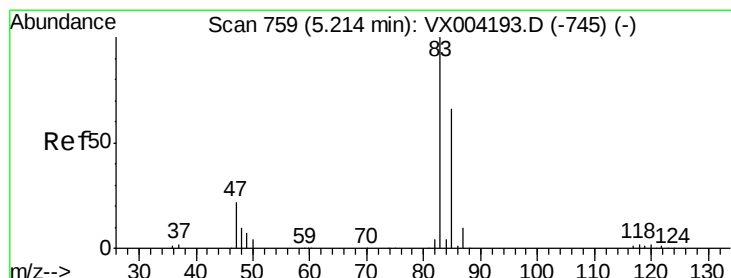
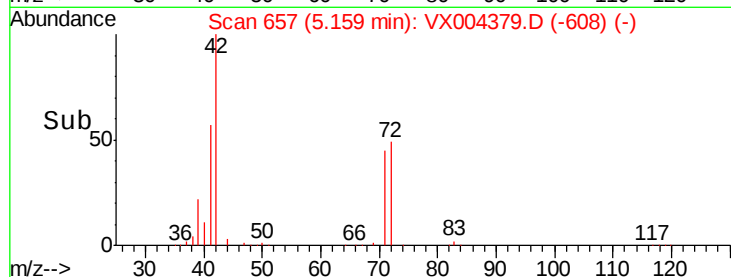
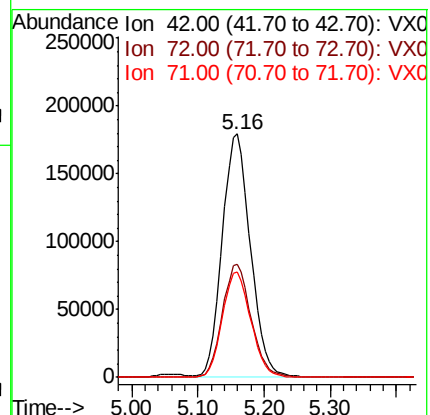
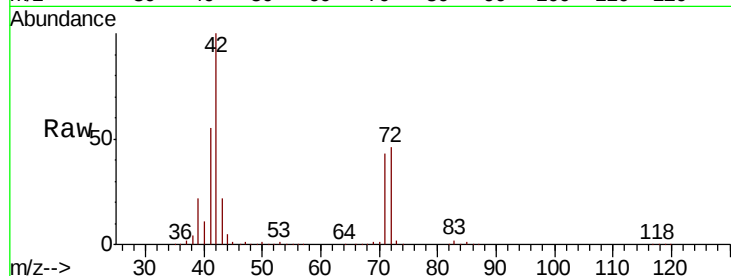
Tot Ion: 42 Resp: 529982

Ion Ratio Lower Upper

42 100

72 47.3 37.4 56.0

71 43.6 34.5 51.7



#30

Chloroform

Concen: 49.03 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004379.D

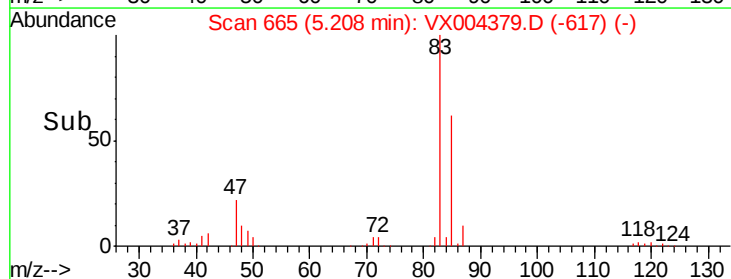
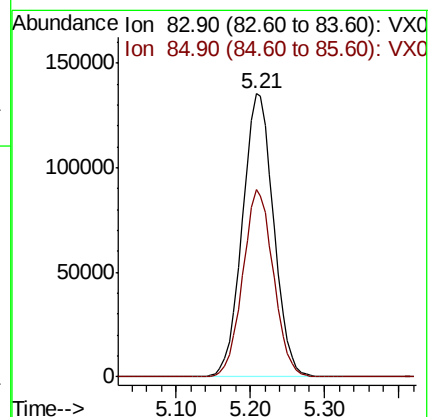
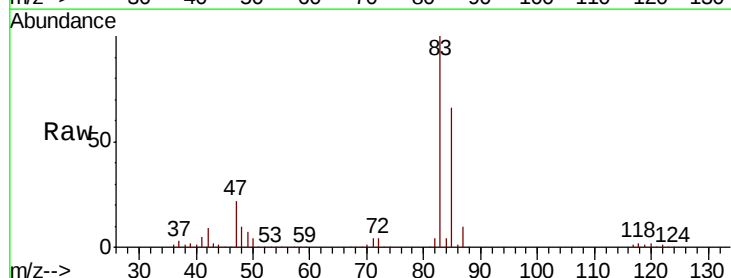
Acq: 06 Sep 2018 12:19

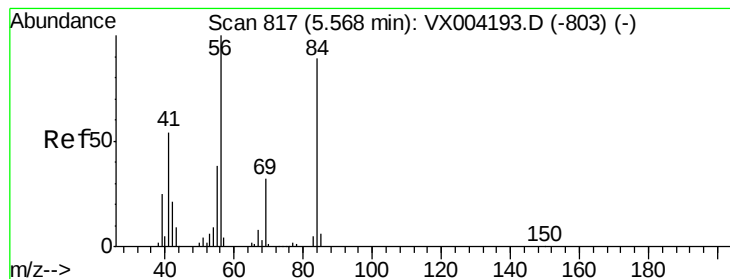
Tgt Ion: 83 Resp: 399004

Ion Ratio Lower Upper

83 100

85 66.3 52.6 79.0





#31

Cyclohexane

Concen: 48.68 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

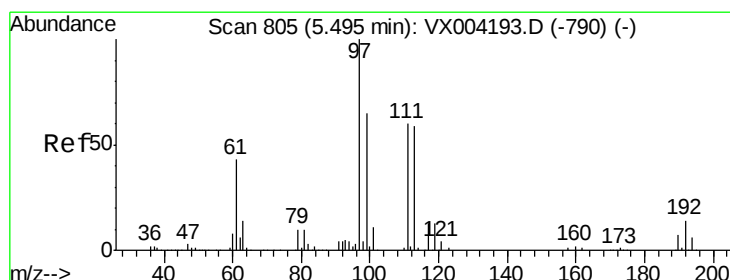
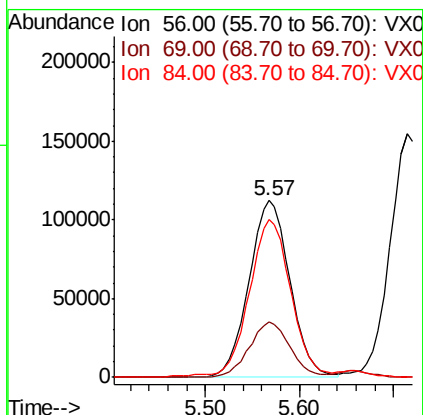
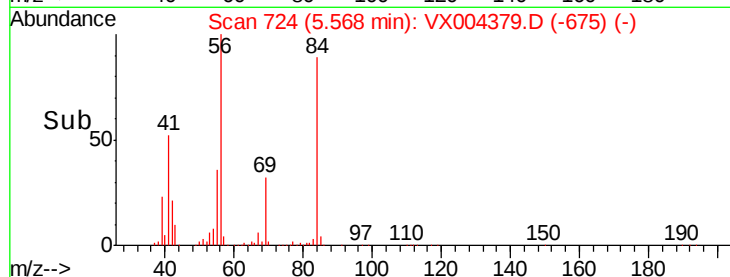
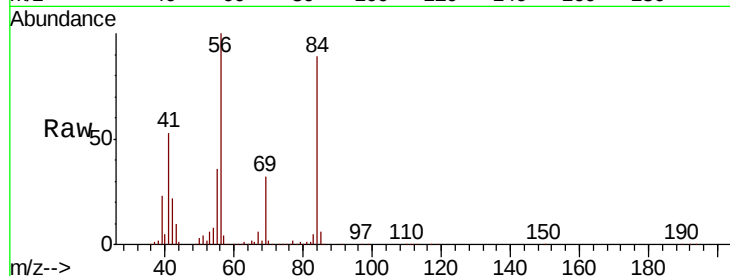
Tot Ion: 56 Resp: 340946

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 87.9 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 49.34 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

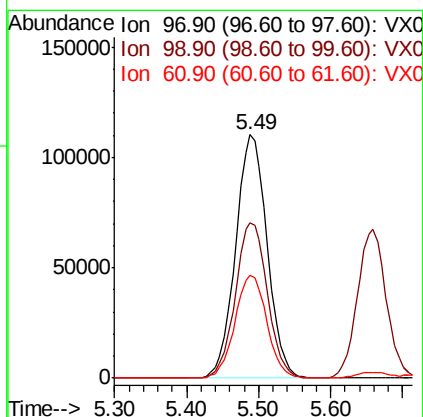
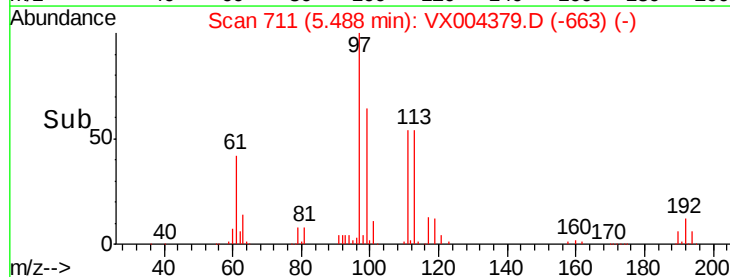
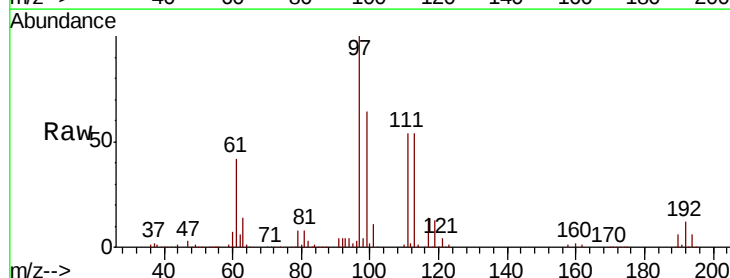
Tgt Ion: 97 Resp: 334836

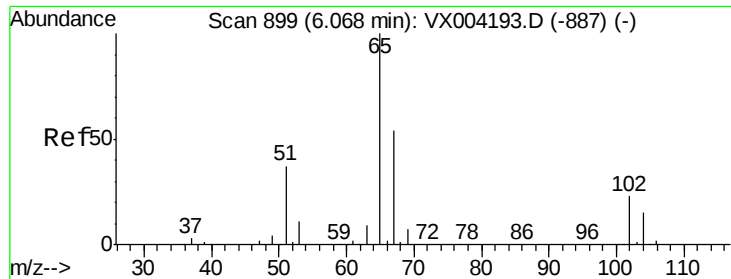
Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 42.9 34.9 52.3

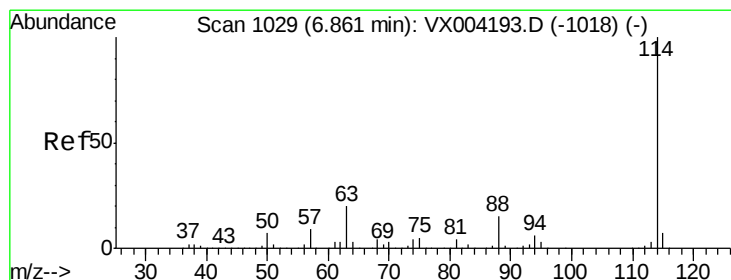
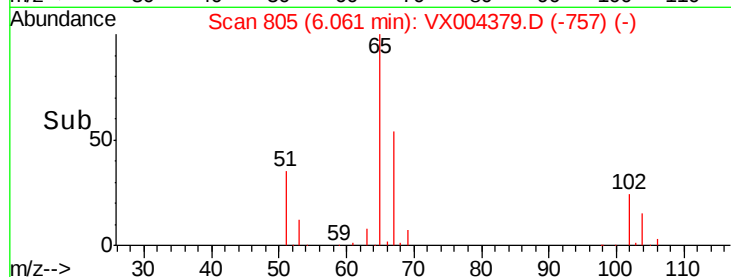
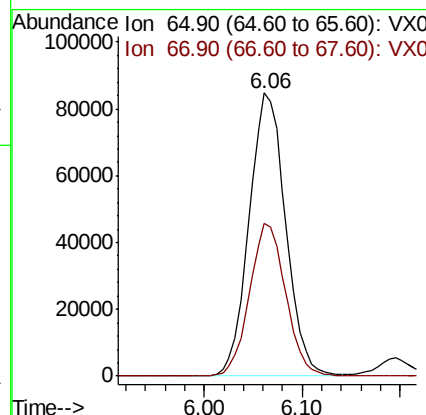
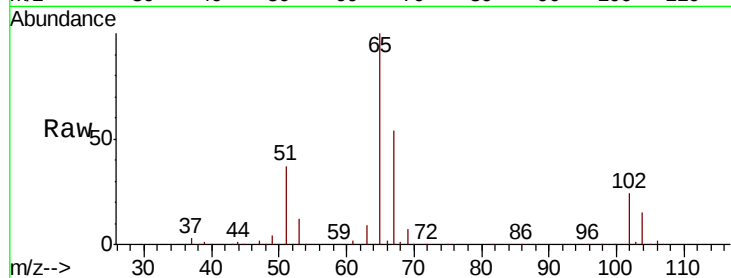




#33
 1,2-Dichloroethane-d4
 Concen: 44.09 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

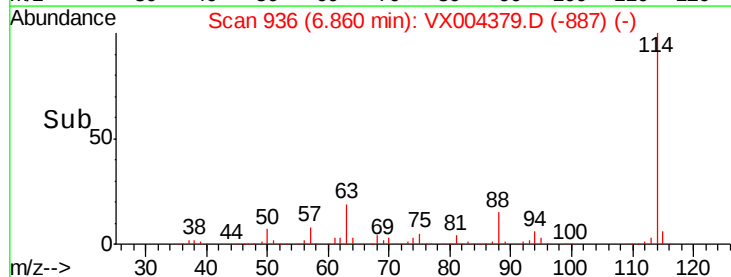
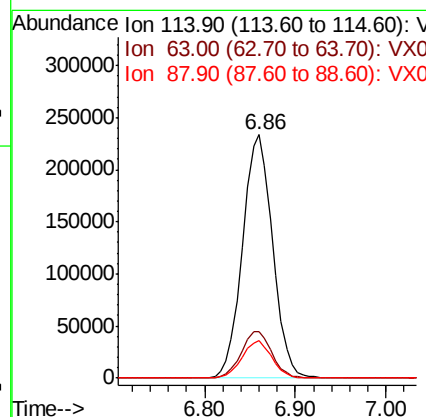
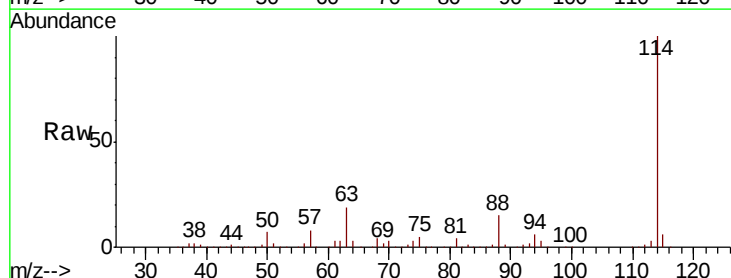
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 220272
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 114 Resp: 537391
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.0
 88 15.2 0.0 30.4

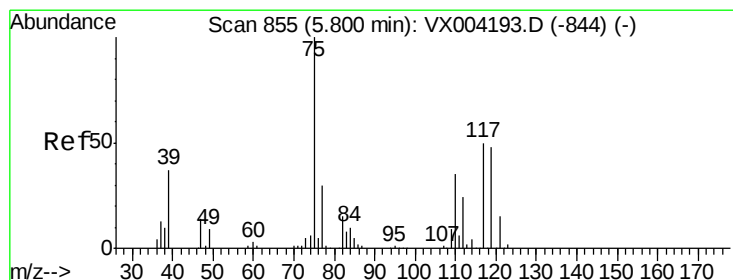
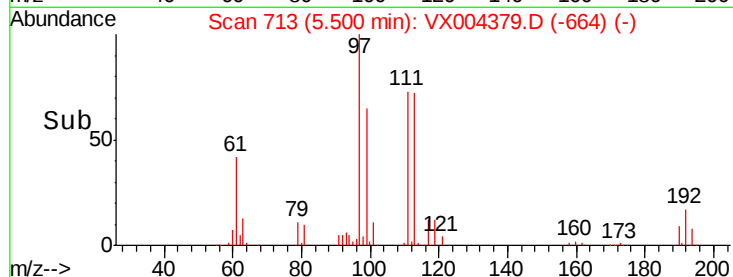
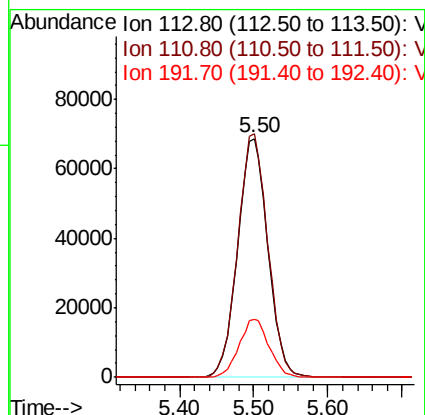
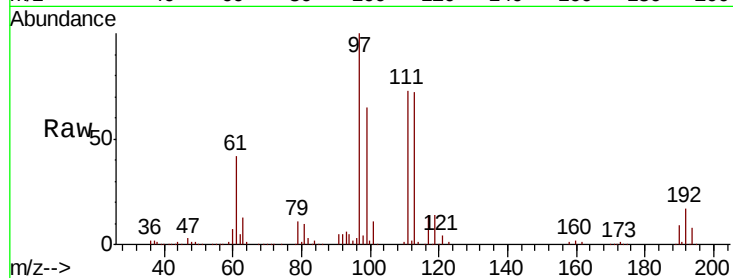




#35
 Dibromofluoromethane
 Concen: 48.90 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

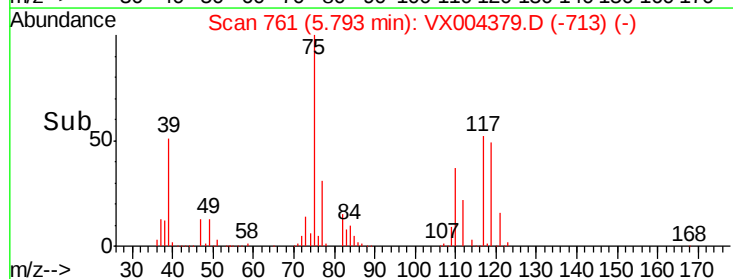
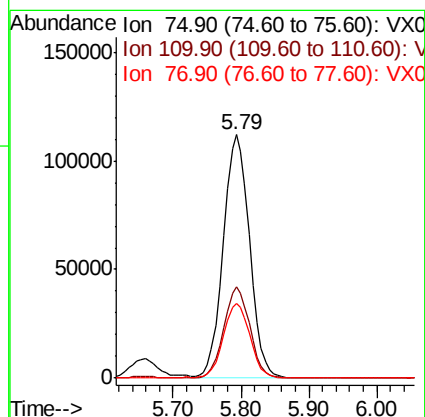
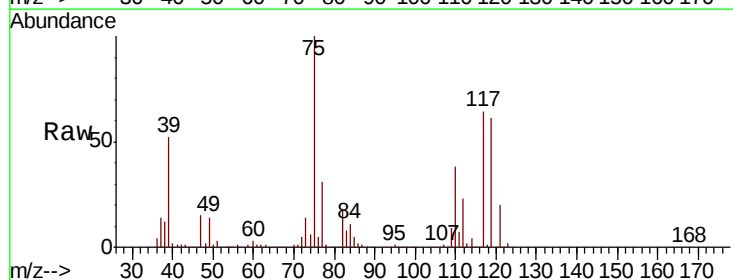
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 195481
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 24.1 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 49.53 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 75 Resp: 299241
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.0 54.0
 77 31.0 24.6 36.8

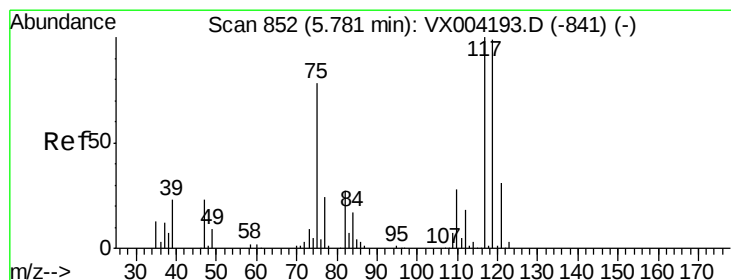
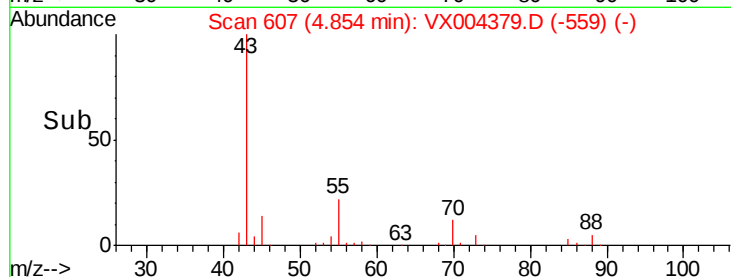
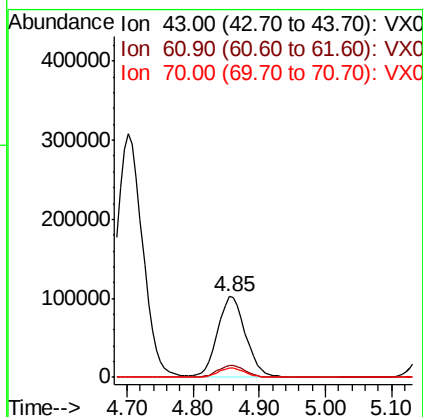
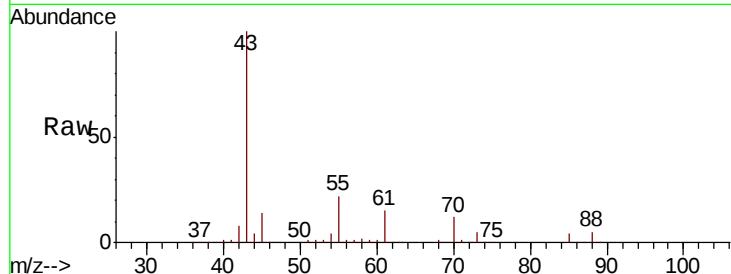




#37
Ethyl Acetate
Concen: 50.58 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

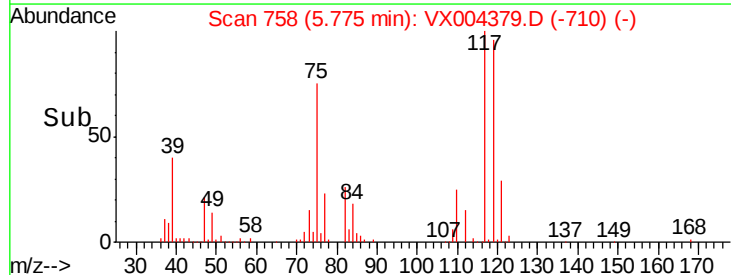
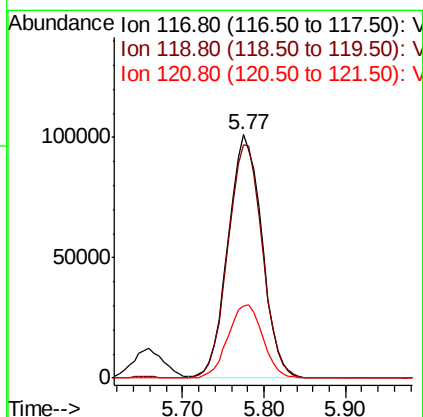
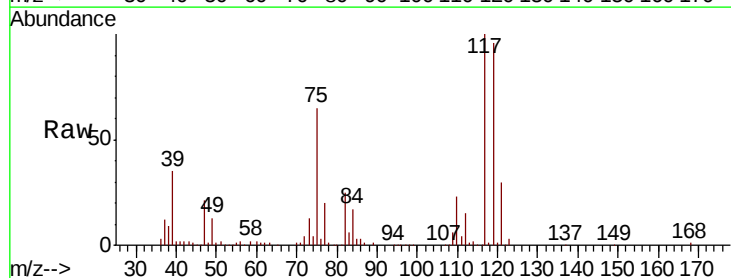
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

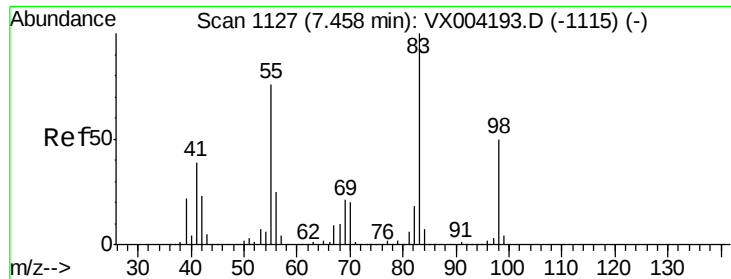
Tot Ion: 43 Resp: 300546
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 11.7 9.0 13.6



#38
Carbon Tetrachloride
Concen: 51.13 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 117 Resp: 290602
Ion Ratio Lower Upper
117 100
119 95.7 78.8 118.2
121 29.6 24.9 37.3

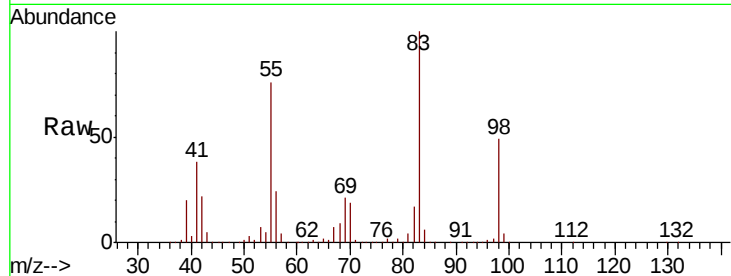




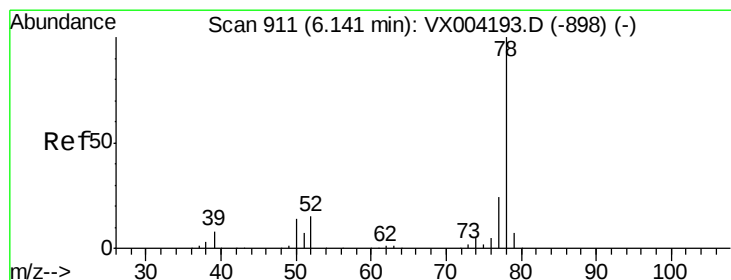
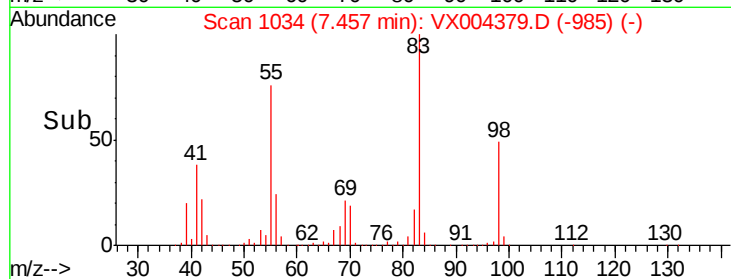
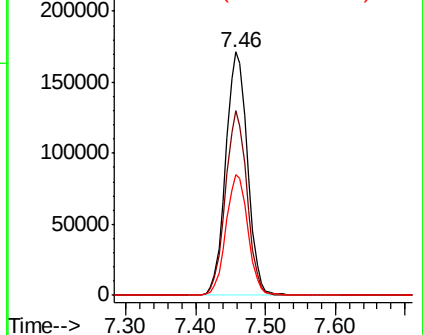
#39
Methvlcvclohexane
Concen: 53.90 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 371798
Ion Ratio Lower Upper
83 100
55 75.7 61.0 91.4
98 49.5 39.6 59.4

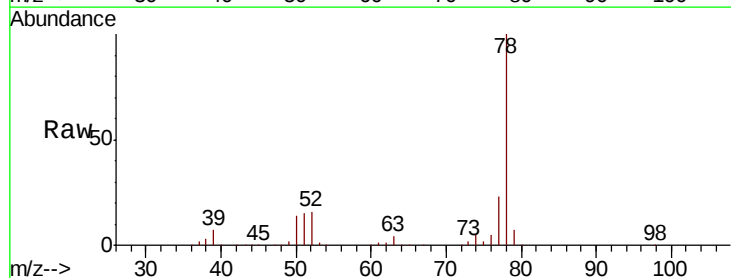


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

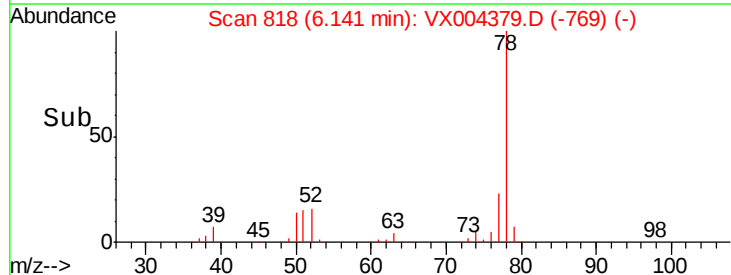
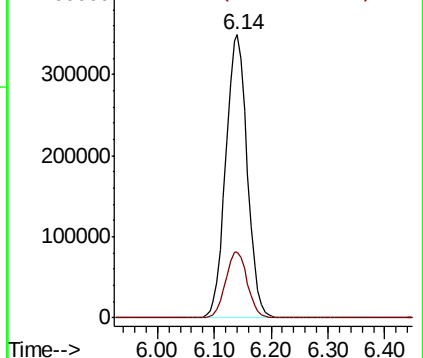


#40
Benzene
Concen: 50.75 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 78 Resp: 916224
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



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





#41

Methacrylonitrile

Concen: 52.12 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 179514

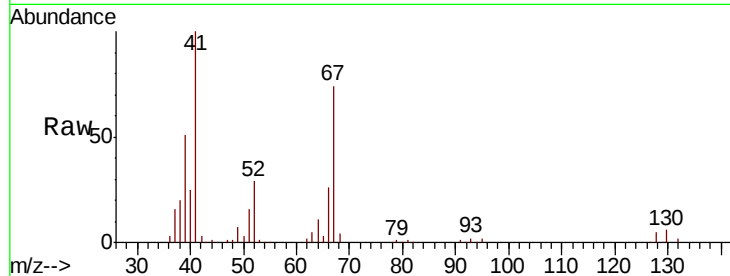
Ion Ratio Lower Upper

41 100

39 51.8 42.4 63.6

67 75.2 59.2 88.8

52 28.7 23.0 34.4

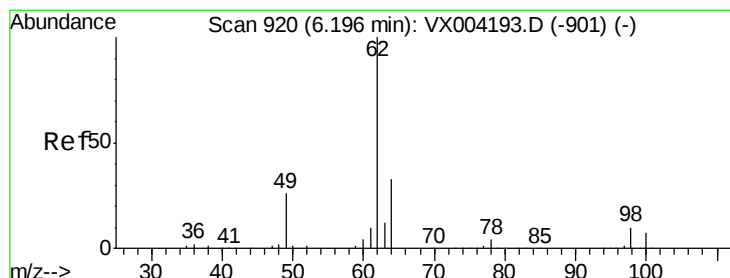
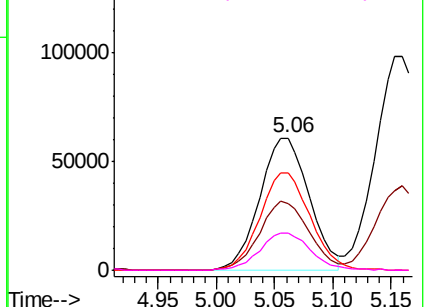
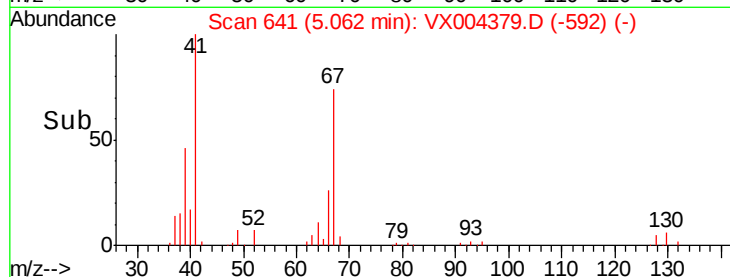


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.44 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004379.D

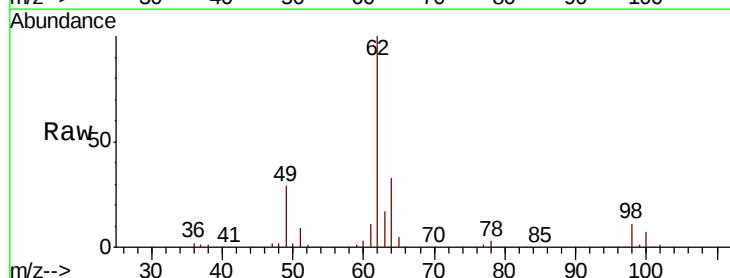
Acq: 06 Sep 2018 12:19

Tgt Ion: 62 Resp: 304450

Ion Ratio Lower Upper

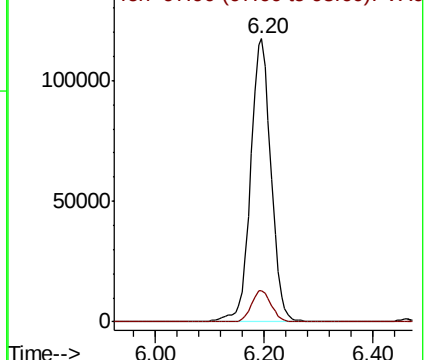
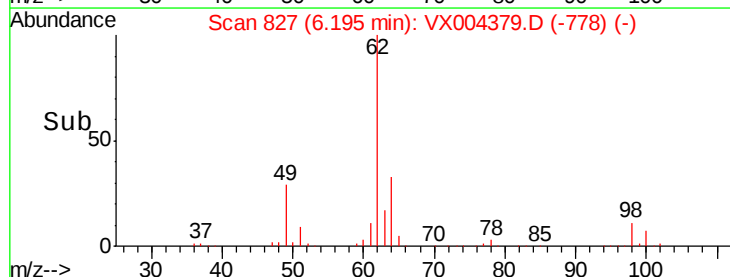
62 100

98 10.8 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: 53.99 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

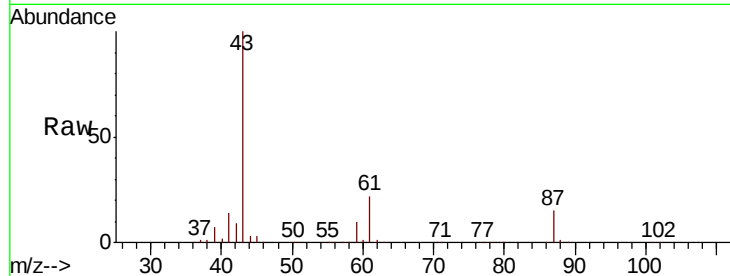
Tot Ion: 43 Resp: 492917

Ion Ratio Lower Upper

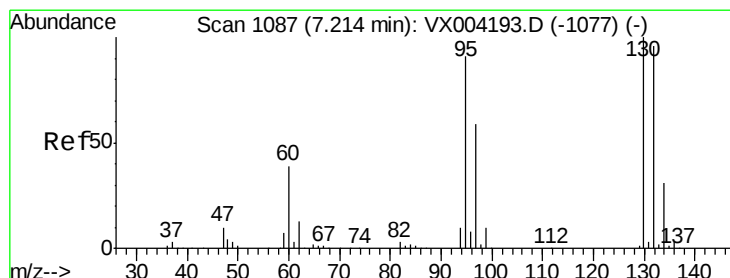
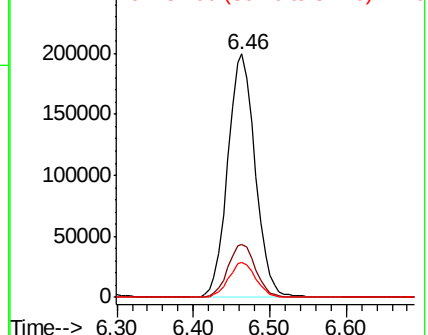
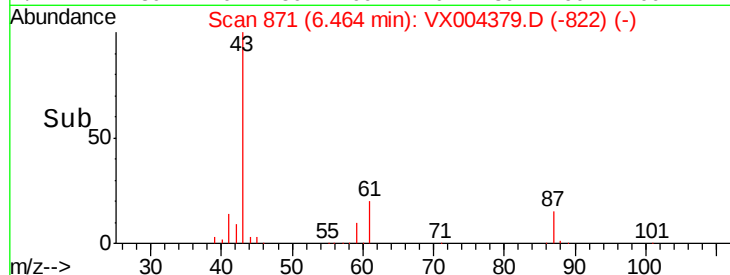
43 100

61 21.8 17.0 25.4

87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX004379.D (-822) (-)



#44

Trichloroethene

Concen: 51.01 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004379.D

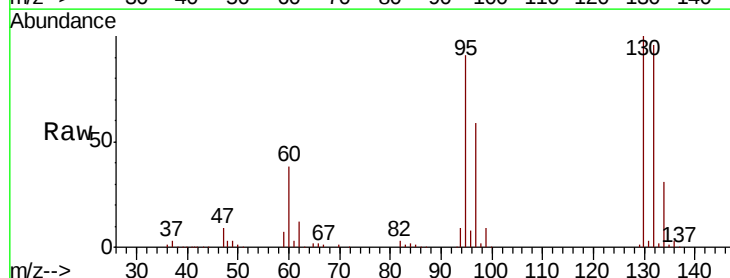
Acq: 06 Sep 2018 12:19

Tgt Ion:130 Resp: 254922

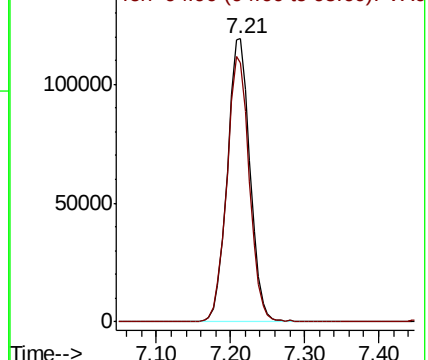
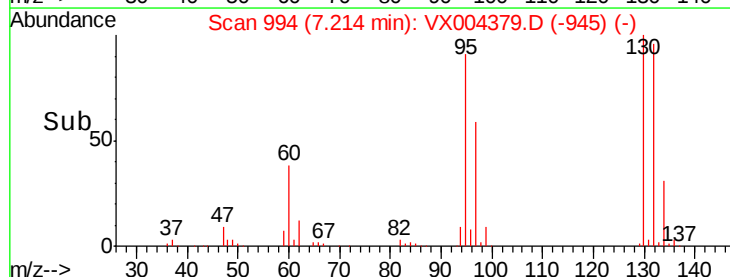
Ion Ratio Lower Upper

130 100

95 91.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004379.D (-945) (-)

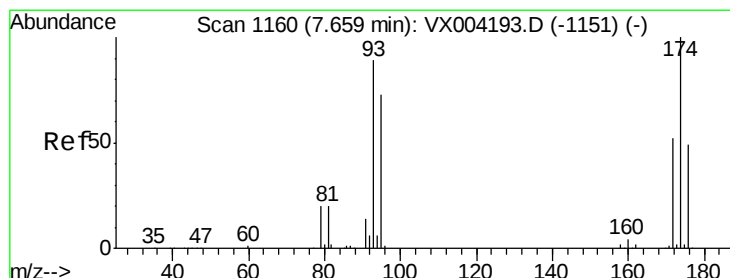
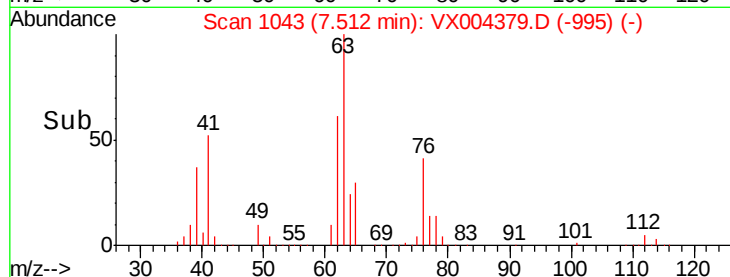
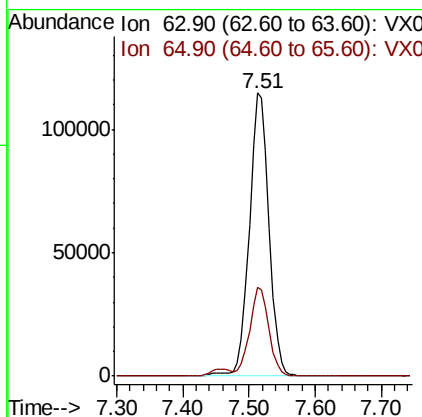
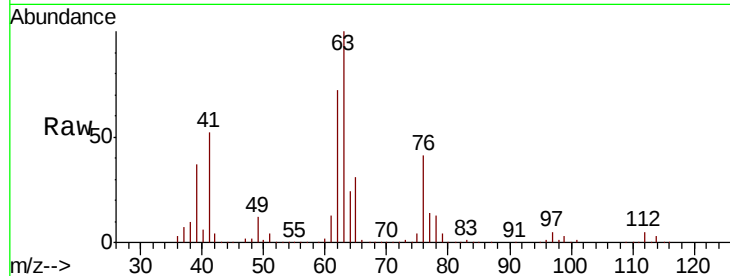




#45
 1,2-Dichloropropane
 Concen: 52.78 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

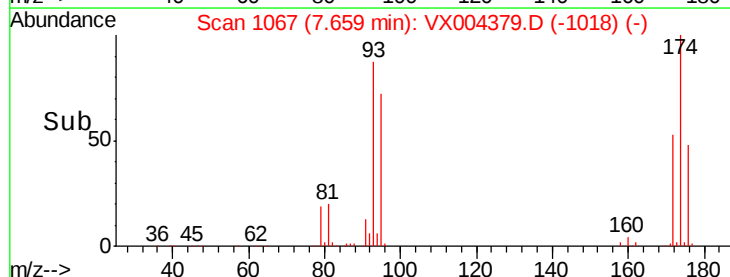
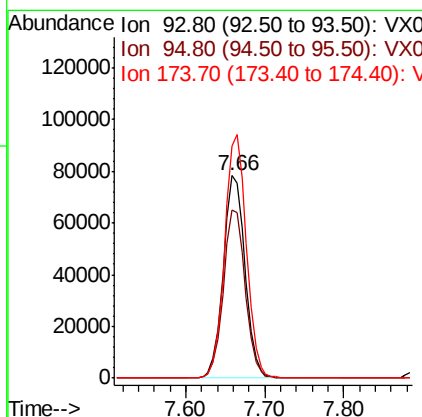
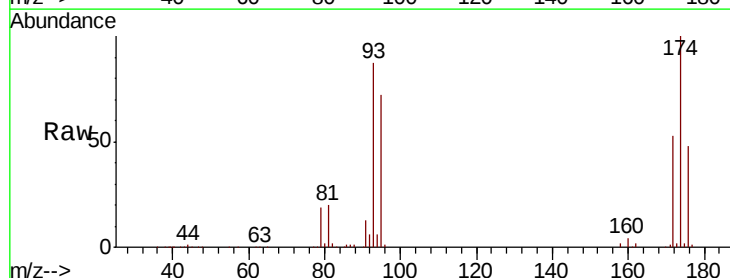
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

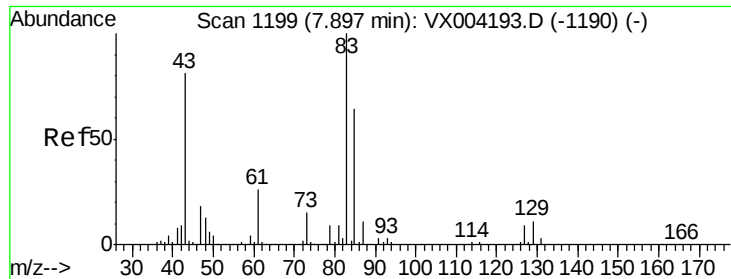
Tot Ion: 63 Resp: 238488
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5



#46
 Dibromomethane
 Concen: 49.96 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 93 Resp: 150300
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.5 98.3
 174 120.1 94.2 141.4





#47

Bromodichloromethane

Concen: 52.99 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

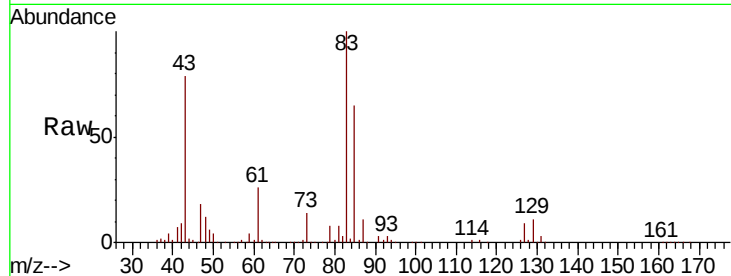
Tot Ion: 83 Resp: 296612

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3

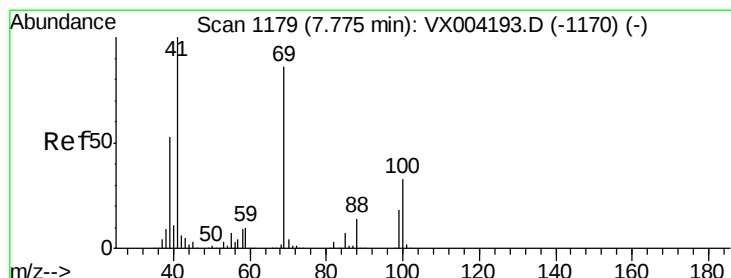
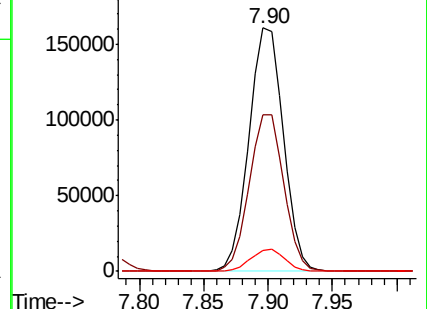
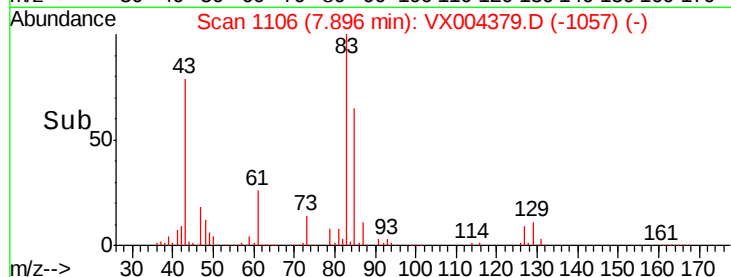
127 8.5 7.3 10.9



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: 53.50 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

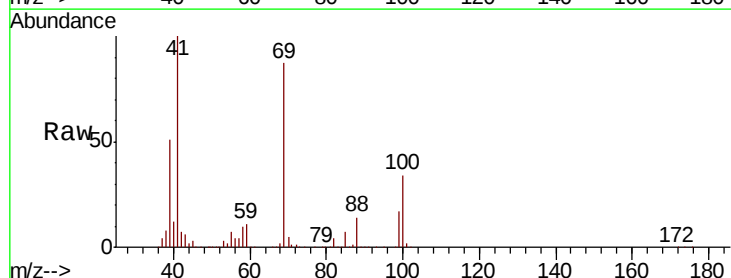
Tgt Ion: 41 Resp: 261385

Ion Ratio Lower Upper

41 100

69 89.2 70.2 105.4

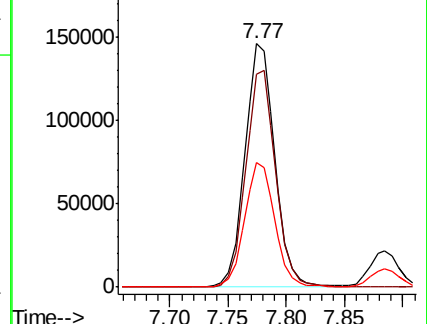
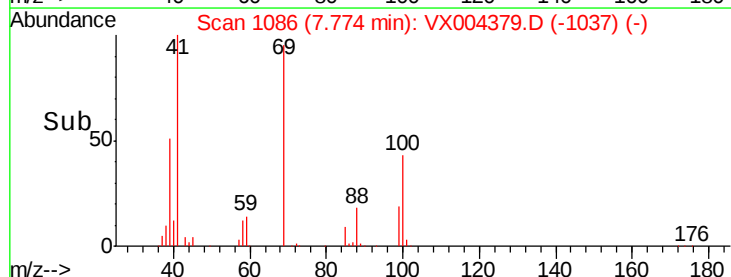
39 51.7 42.7 64.1

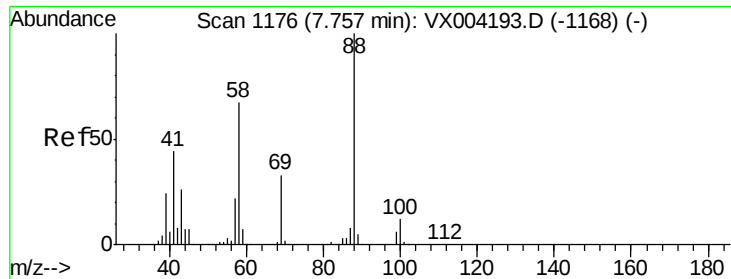


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1020.07 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

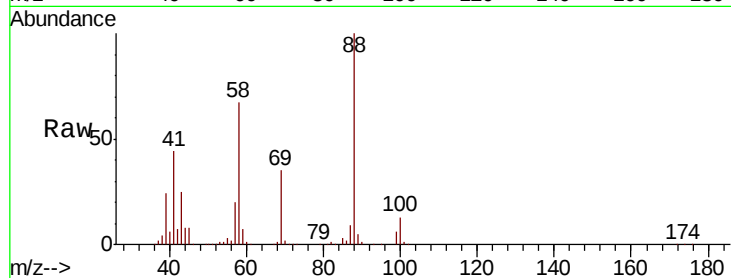
Tot Ion: 88 Resp: 113144

Ion Ratio Lower Upper

88 100

43 29.3 24.7 37.1

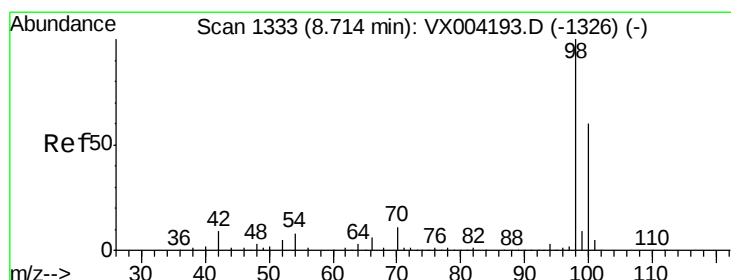
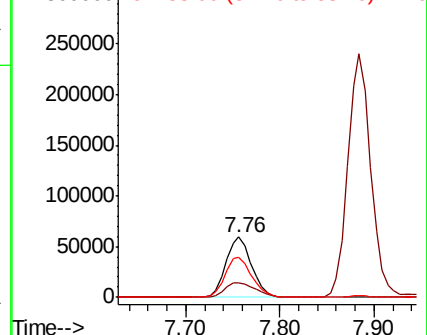
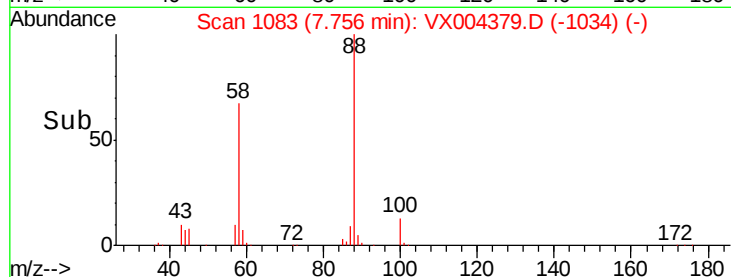
58 69.1 55.3 82.9



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: 47.90 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004379.D

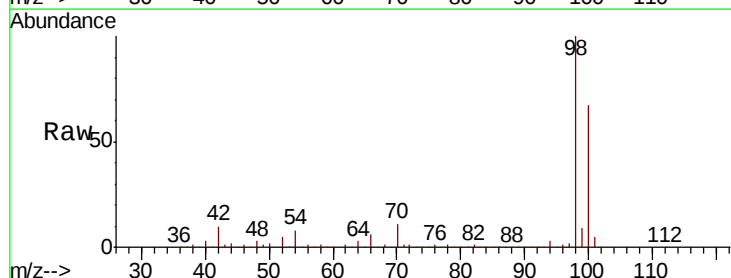
Acq: 06 Sep 2018 12:19

Tgt Ion: 98 Resp: 722807

Ion Ratio Lower Upper

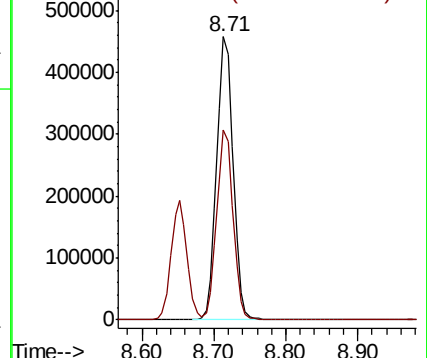
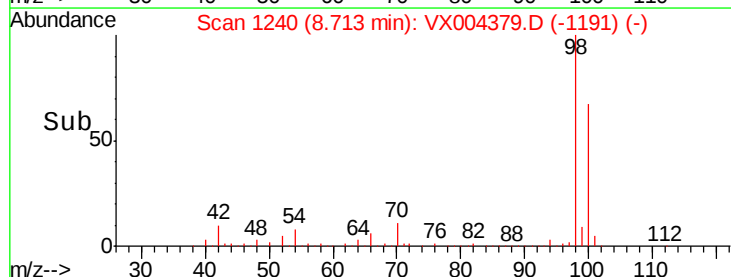
98 100

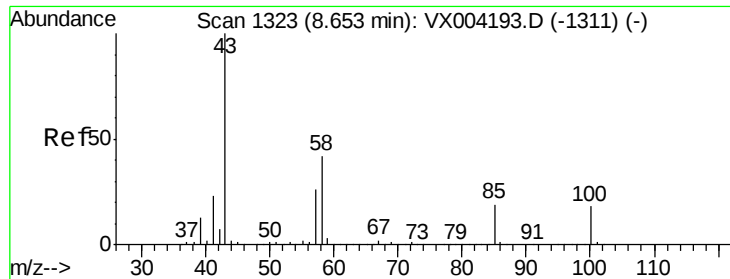
100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

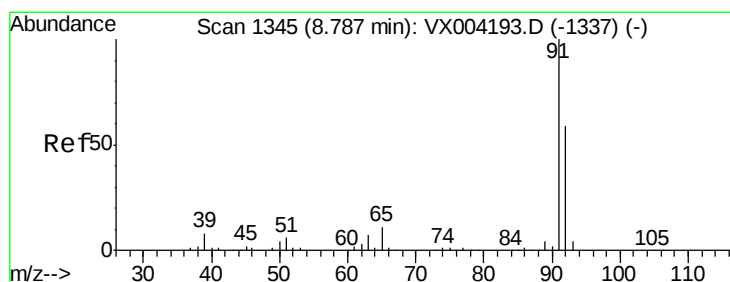
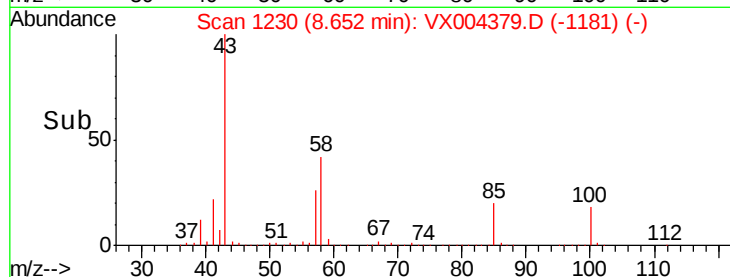
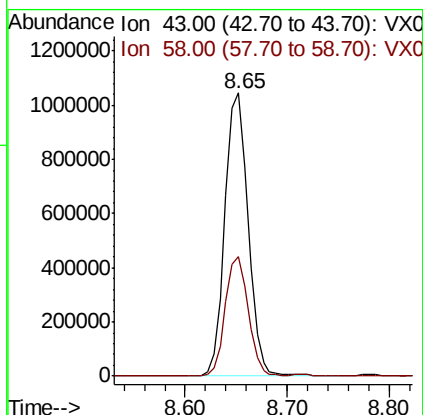
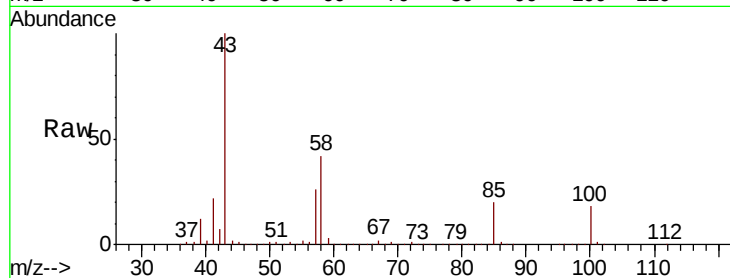




#51
4-Methyl-2-Pentanone
Concen: 250.03 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

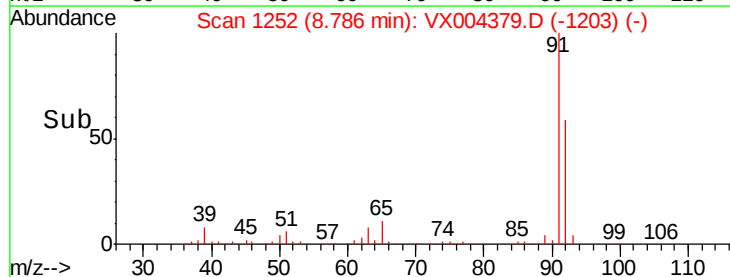
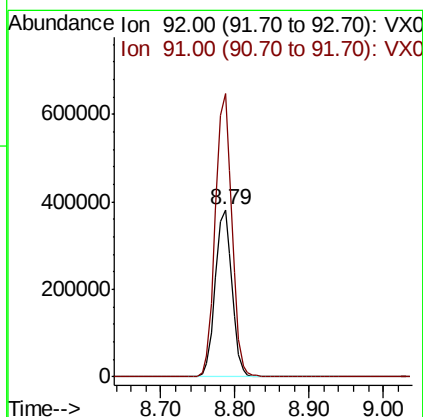
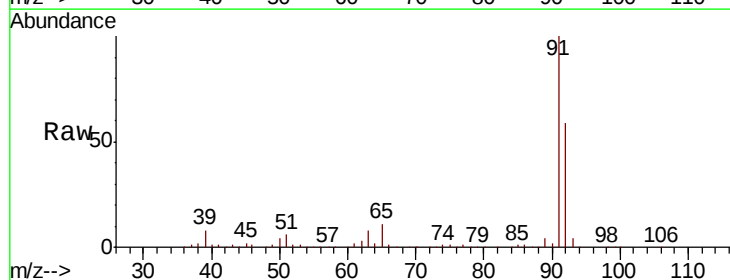
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

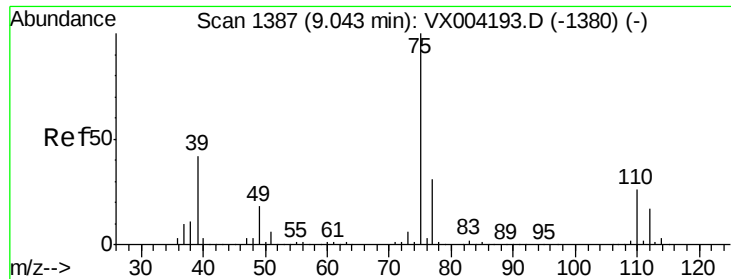
Tot Ion: 43 Resp: 1658651
Ion Ratio Lower Upper
43 100
58 41.8 33.1 49.7



#52
Toluene
Concen: 51.99 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 92 Resp: 587480
Ion Ratio Lower Upper
92 100
91 168.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 55.83 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

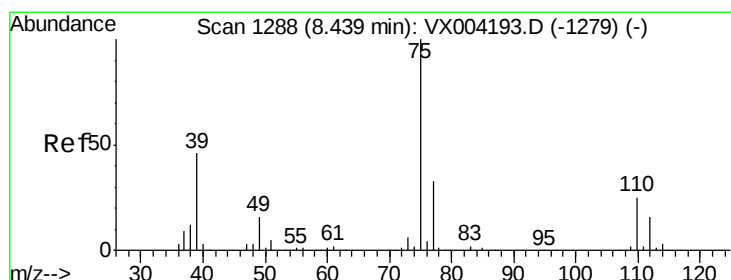
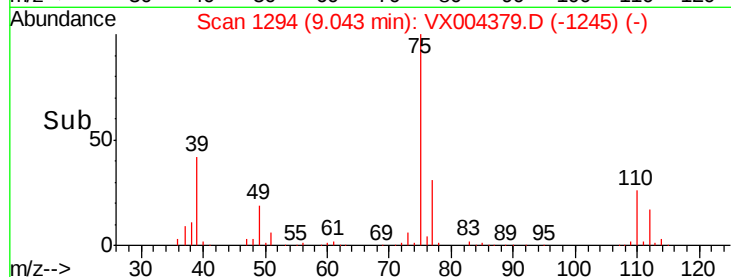
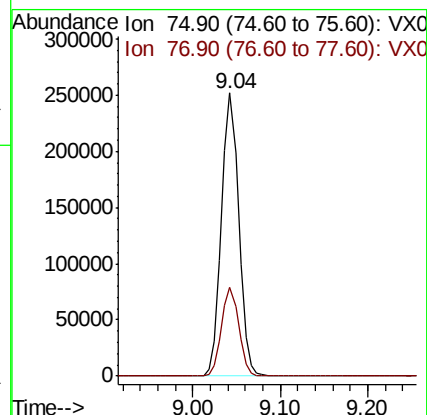
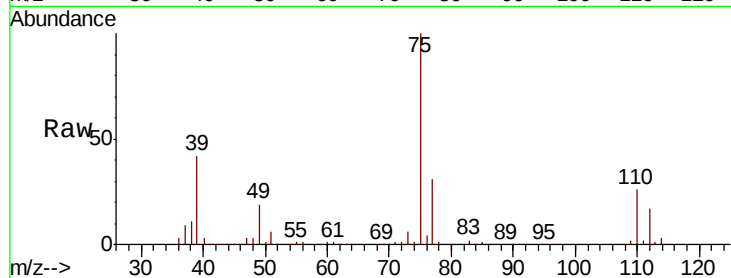
VSTDCCC050

Tot Ion: 75 Resp: 345187

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 55.85 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

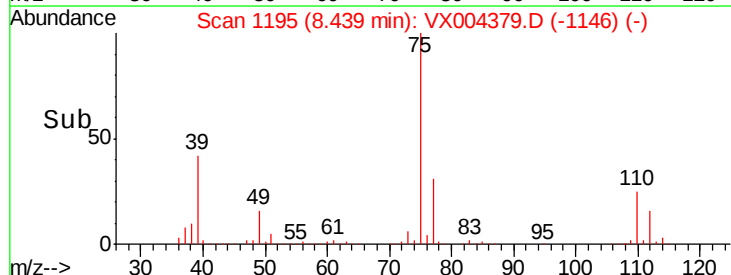
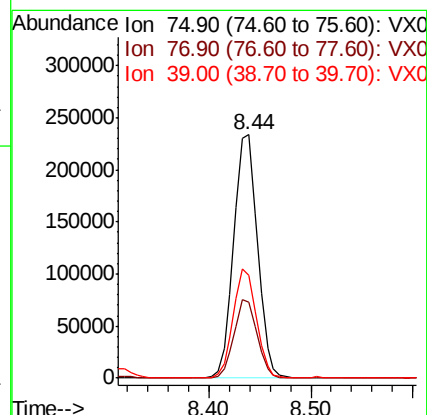
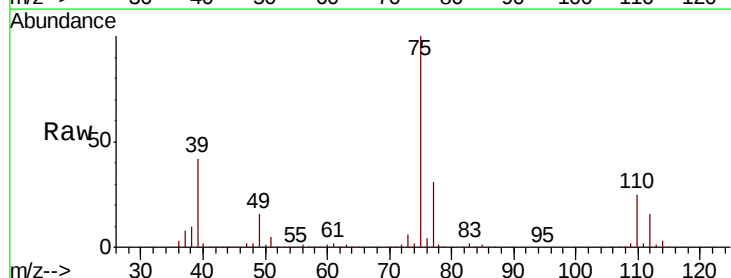
Tgt Ion: 75 Resp: 376136

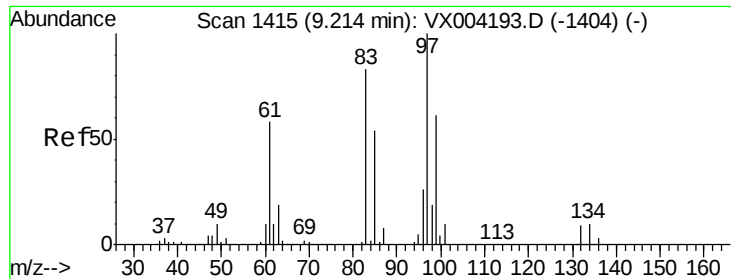
Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

39 42.0 36.4 54.6

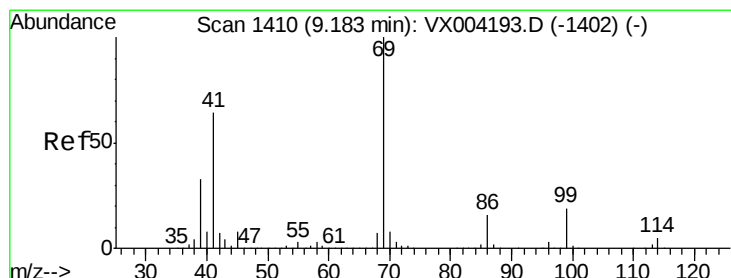
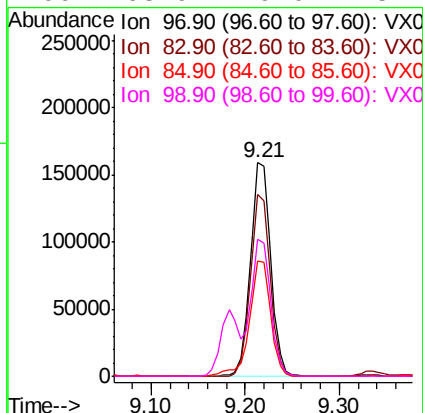
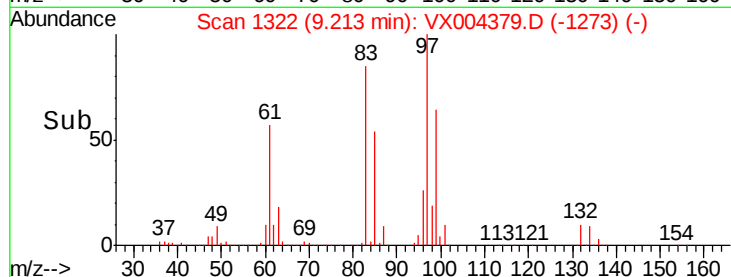
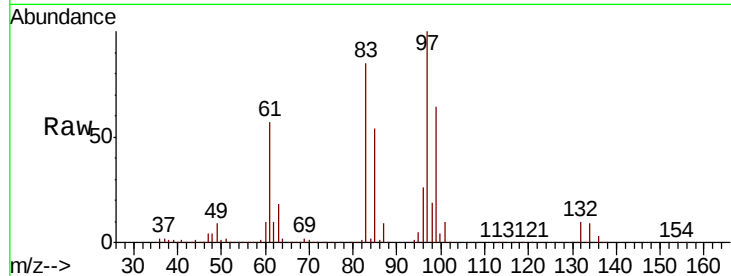




#55
 1,1,2-Trichloroethane
 Concen: 52.74 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

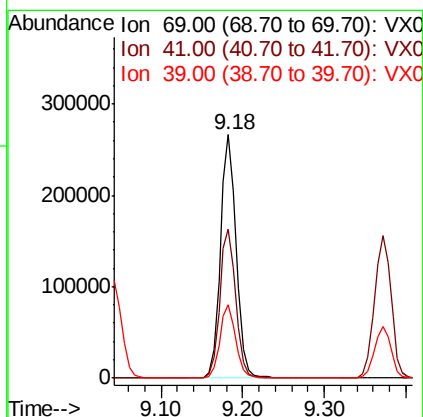
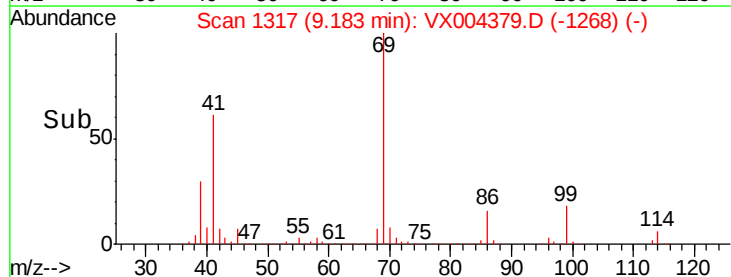
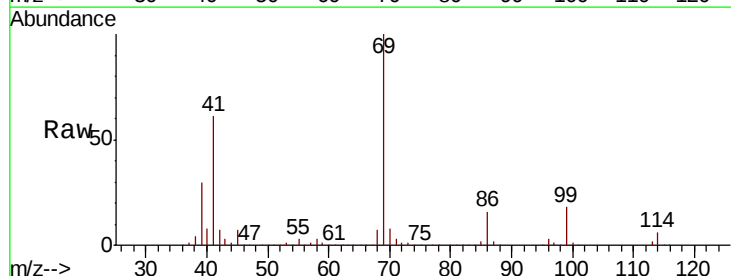
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

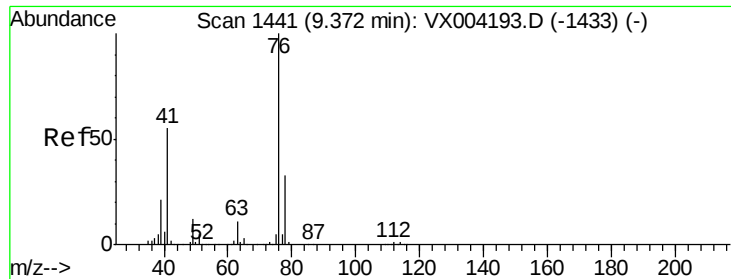
Tot Ion:	97	Resp:	240563
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	53.7	43.3	64.9
99	63.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 57.94 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion:	69	Resp:	359766
Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.0	76.4
39	30.4	26.1	39.1





#57

1,3-Dichloropropane

Concen: 52.47 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

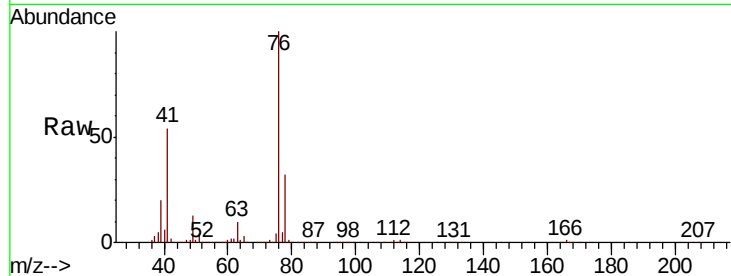
VSTDCCC050

Tot Ion: 76 Resp: 403458

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

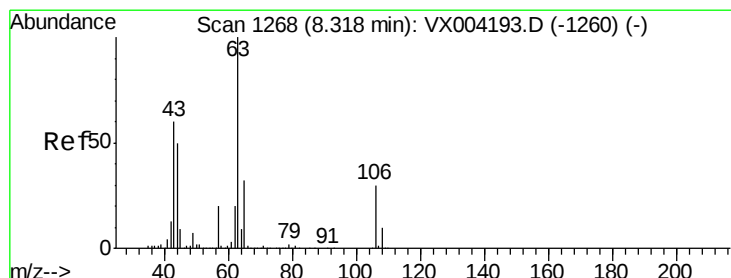
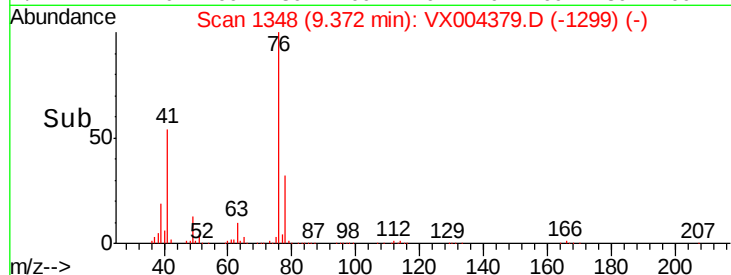
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.73 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004379.D

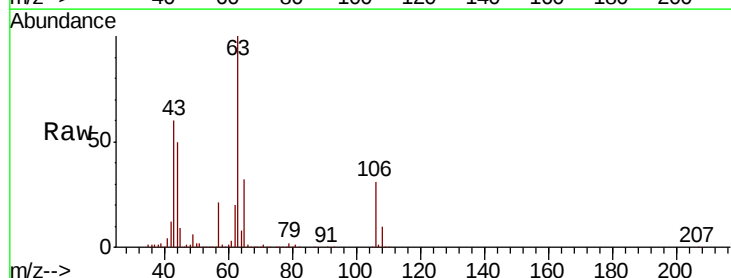
Acq: 06 Sep 2018 12:19

Tgt Ion: 63 Resp: 775494

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

8.32

500000

400000

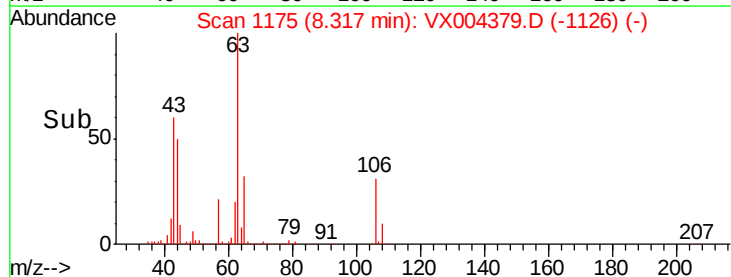
300000

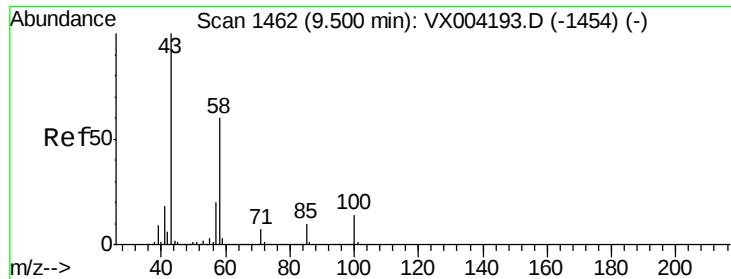
200000

100000

0

Time-->

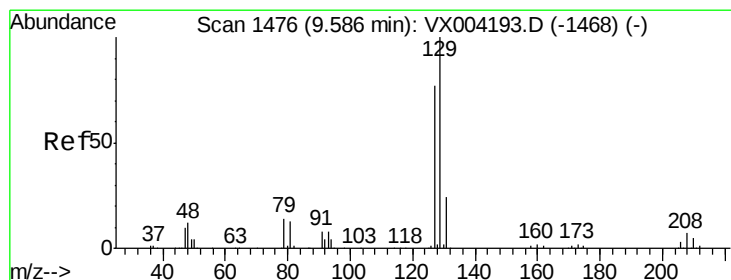
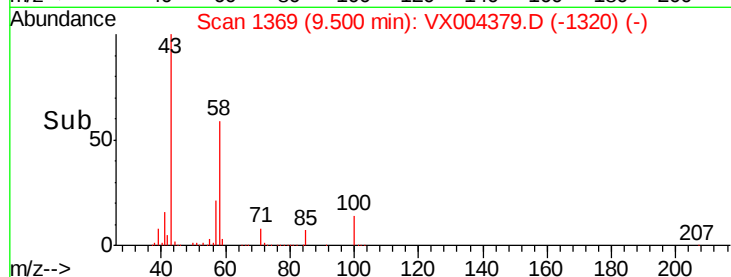
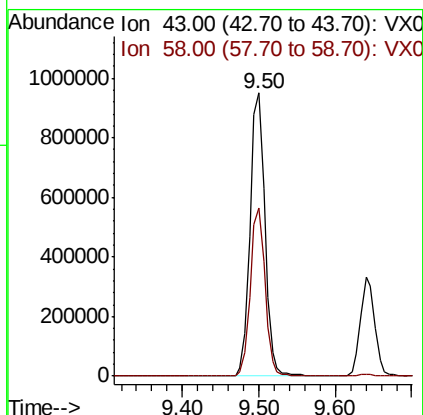
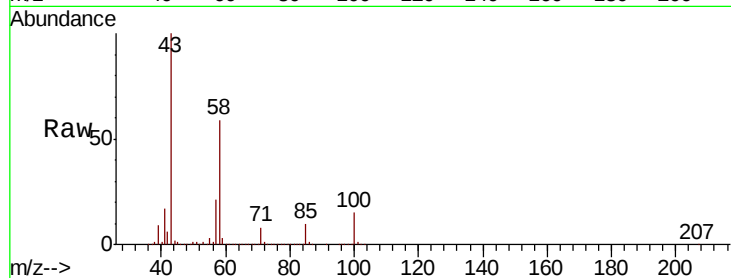




#59
2-Hexanone
Concen: 254.88 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

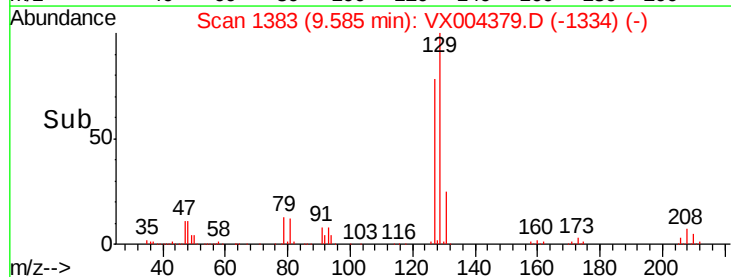
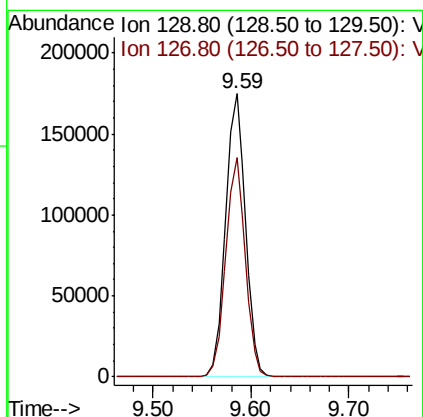
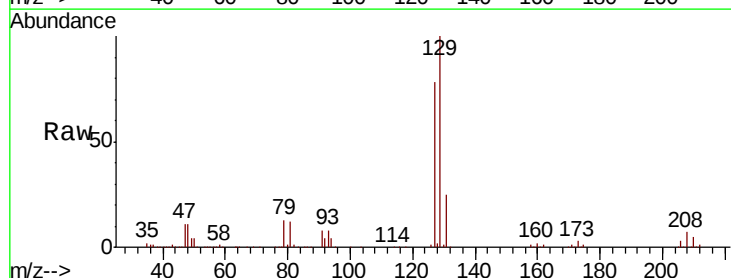
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

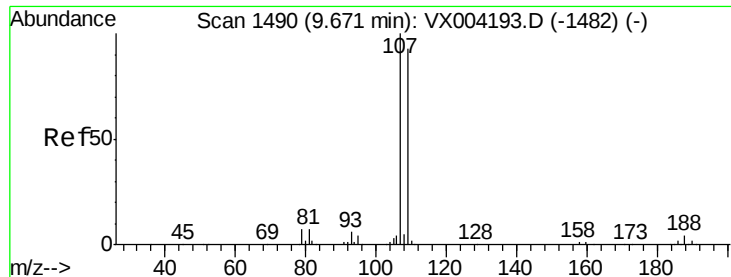
Tot Ion: 43 Resp: 1289915
Ion Ratio Lower Upper
43 100
58 58.7 29.0 87.0



#60
Dibromochloromethane
Concen: 55.52 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 129 Resp: 246746
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.92 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

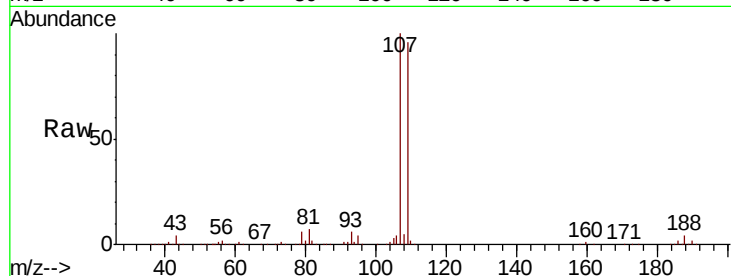
VSTDCCC050

Tot Ion:107 Resp: 245122

Ion Ratio Lower Upper

107 100

109 95.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

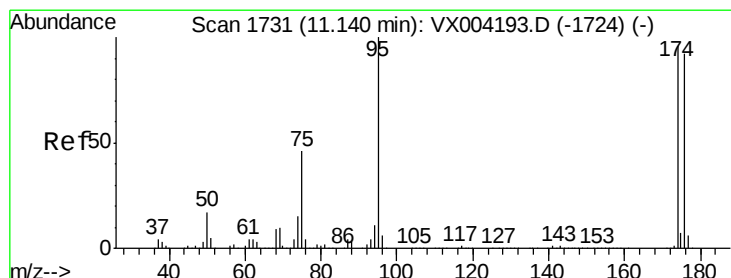
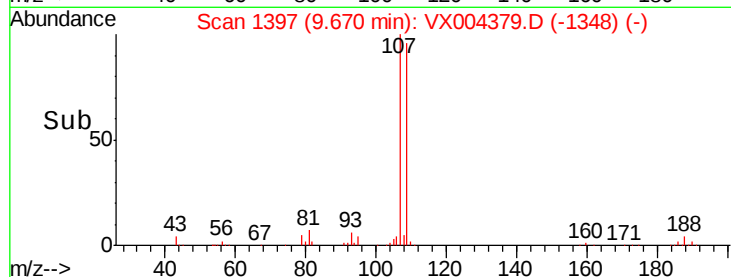
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.84 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

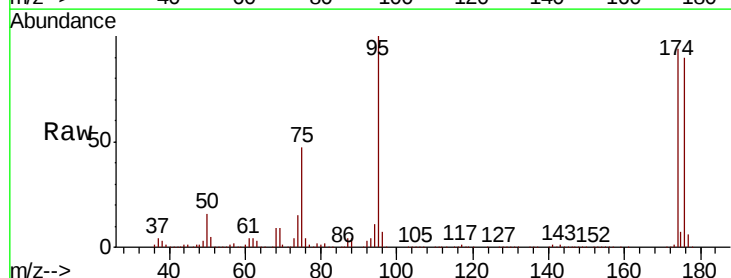
Tgt Ion: 95 Resp: 280640

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

176 89.4 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

300000

250000

200000

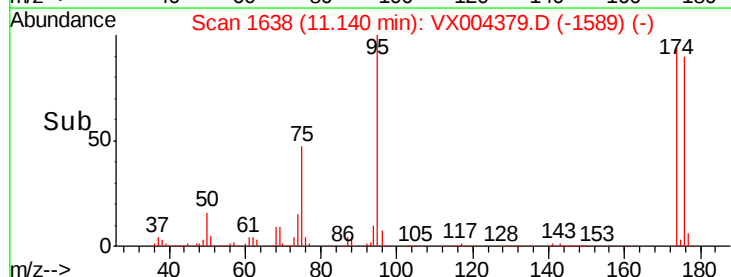
150000

100000

50000

0

Time-->

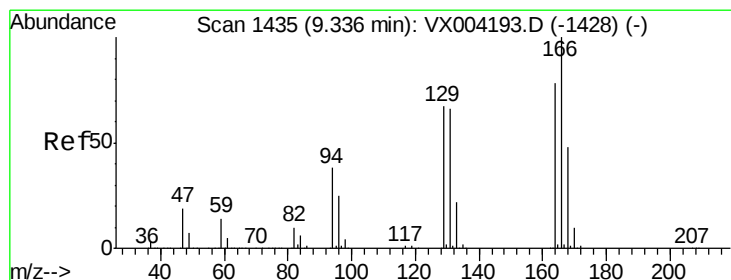
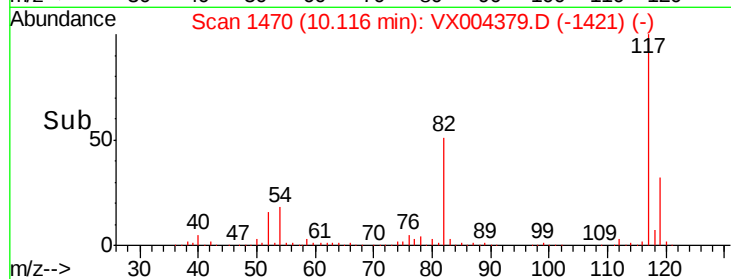
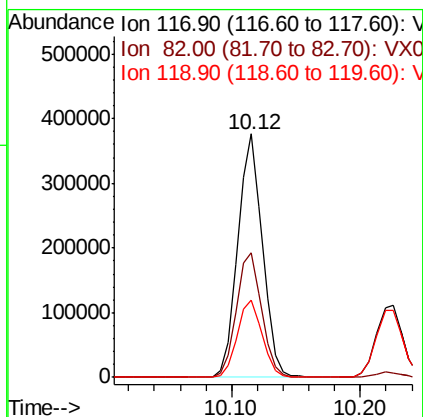
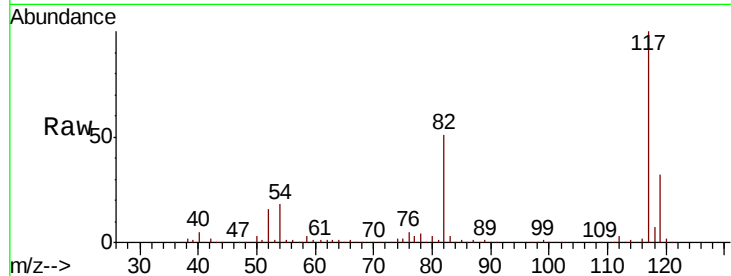




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

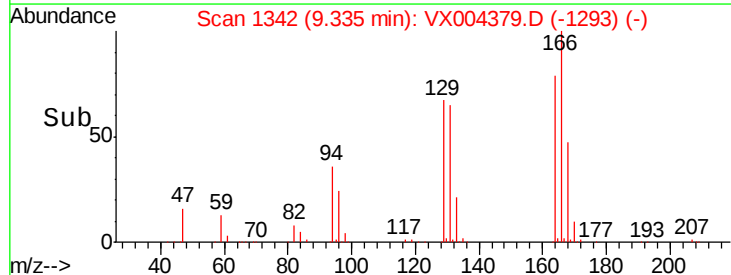
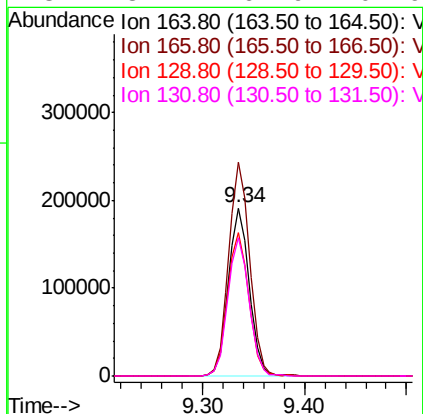
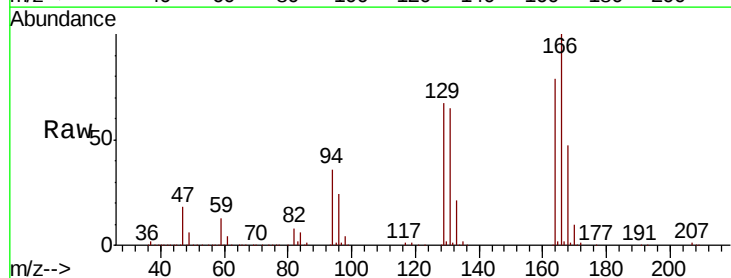
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

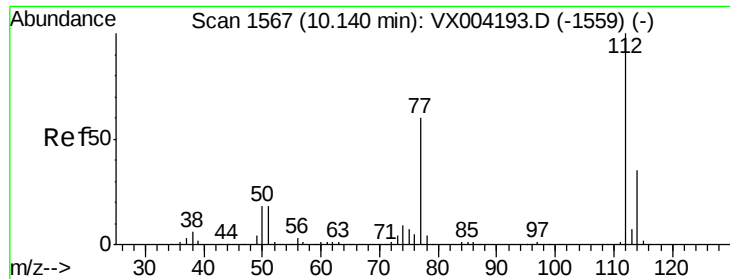
Tot Ion:117 Resp: 499859
Ion Ratio Lower Upper
117 100
82 51.1 47.8 71.6
119 31.7 29.3 43.9



#64
Tetrachloroethene
Concen: 54.66 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion:164 Resp: 269920
Ion Ratio Lower Upper
164 100
166 127.3 102.8 154.2
129 85.2 69.4 104.0
131 82.2 67.9 101.9

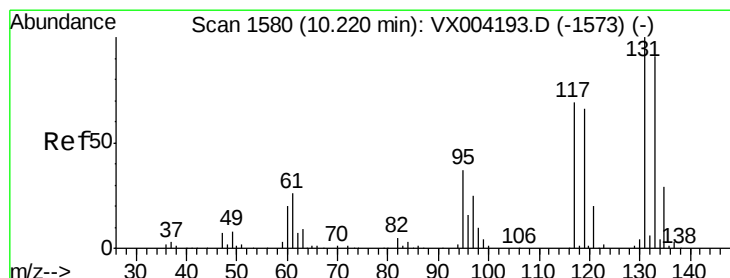
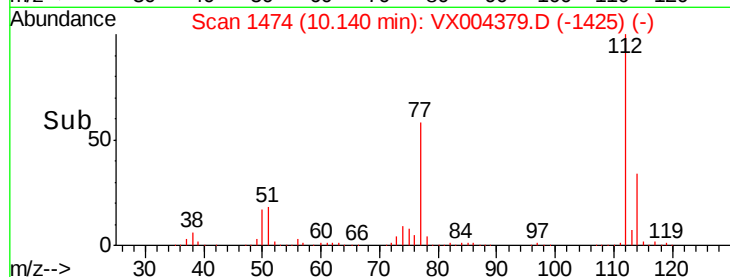
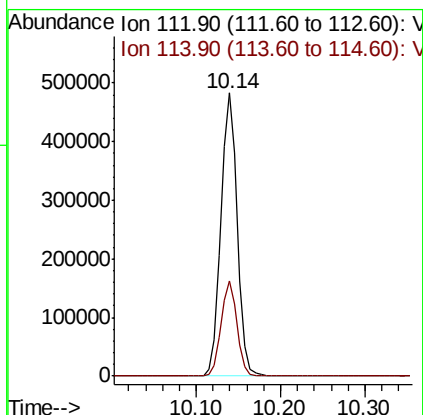
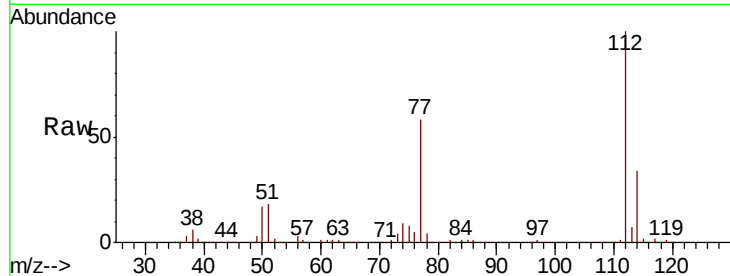




#65
Chlorobenzene
Concen: 51.75 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

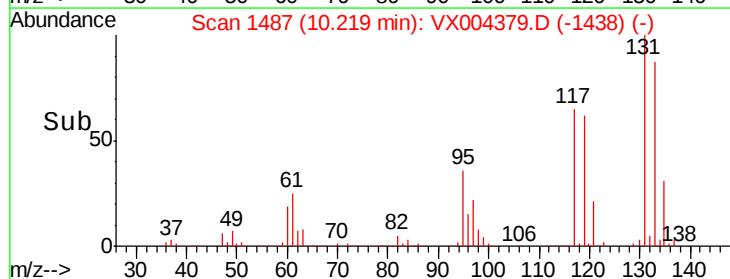
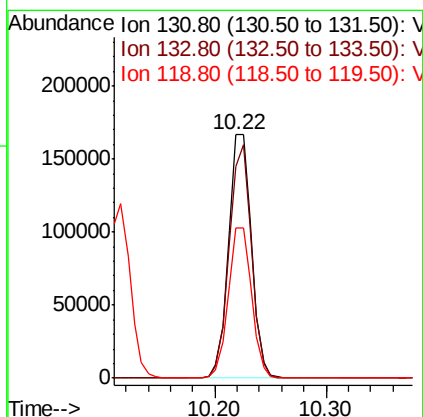
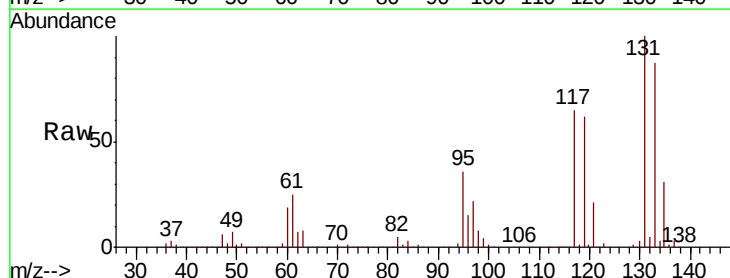
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

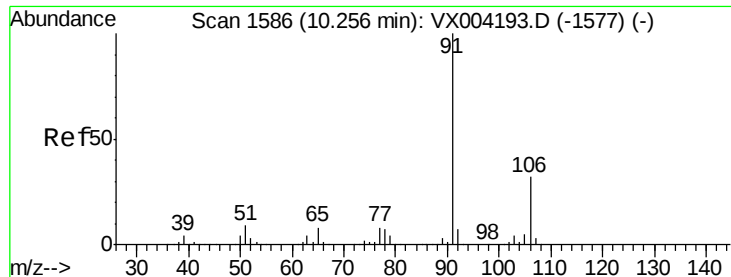
Tot Ion:112 Resp: 649231
Ion Ratio Lower Upper
112 100
114 33.5 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.75 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion:131 Resp: 236917
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.4
119 63.0 32.9 98.6





#67

Ethyl Benzene

Concen: 54.42 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

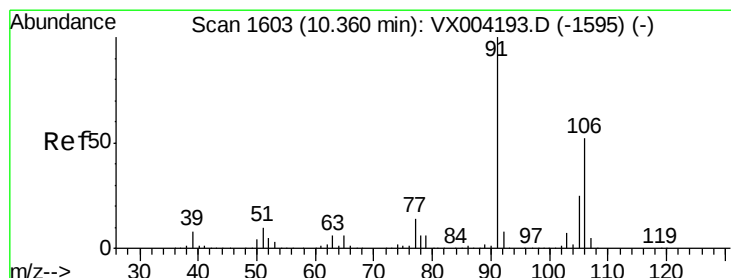
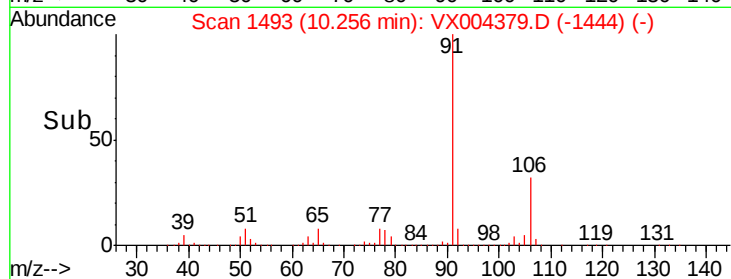
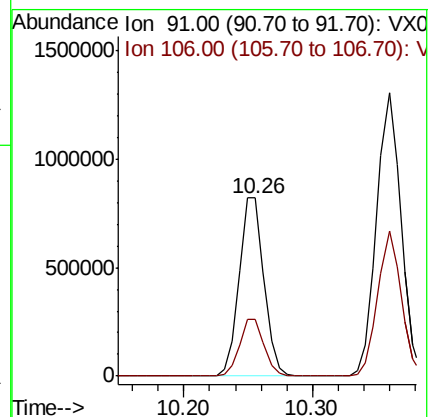
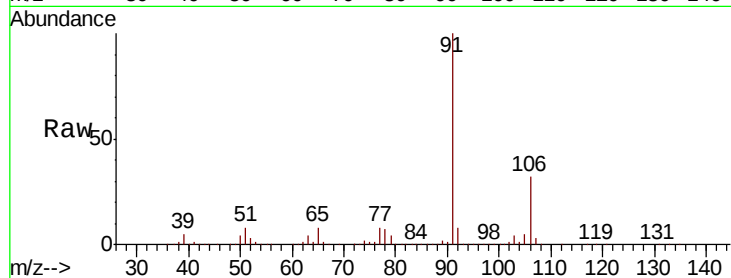
VSTDCCC050

Tot Ion: 91 Resp: 1108836

Ion Ratio Lower Upper

91 100

106 32.0 25.9 38.9



#68

m/p-Xylenes

Concen: 105.94 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004379.D

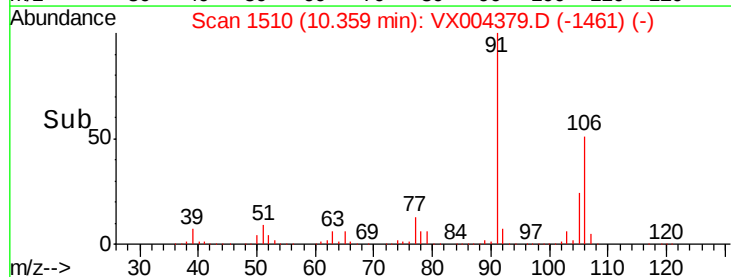
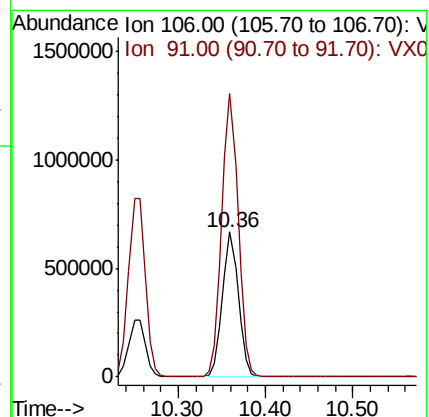
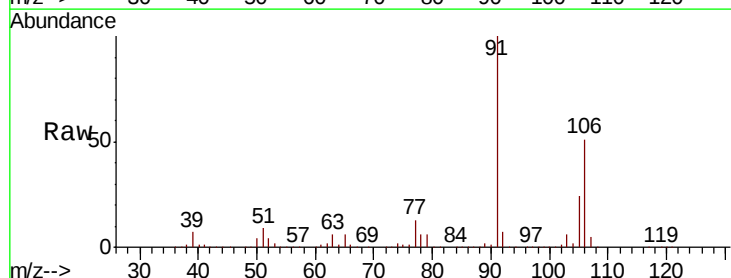
Acq: 06 Sep 2018 12:19

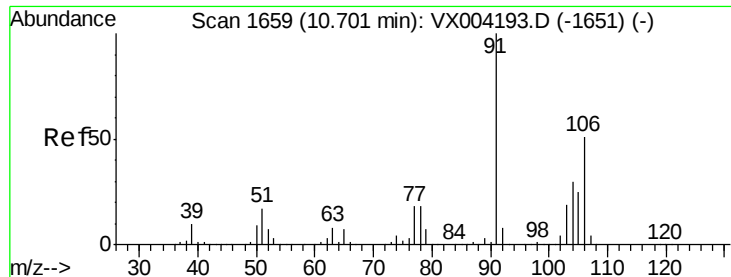
Tgt Ion: 106 Resp: 843964

Ion Ratio Lower Upper

106 100

91 201.4 157.1 235.7

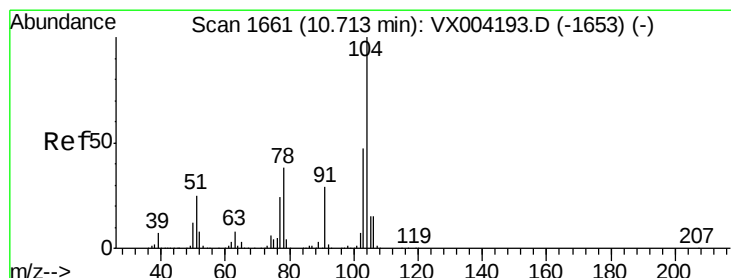
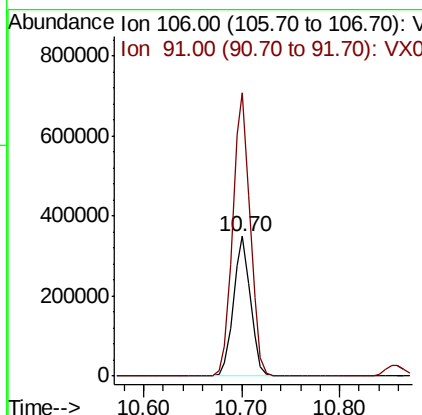
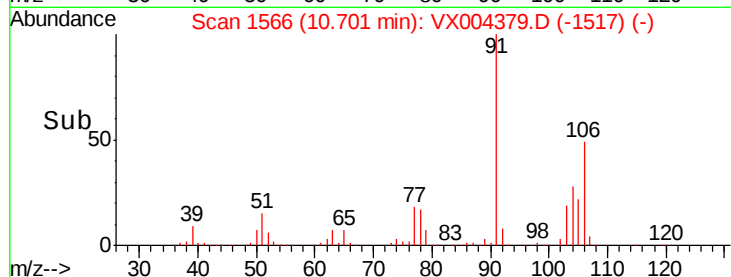
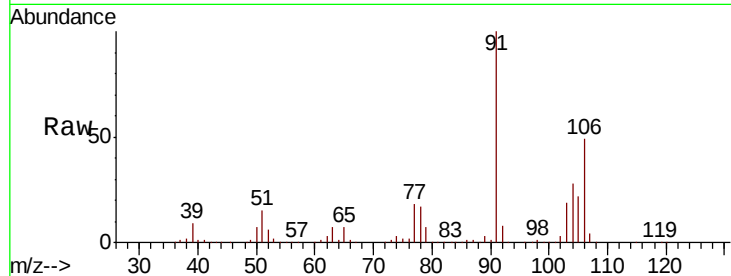




#69
o-Xylene
Concen: 55.83 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

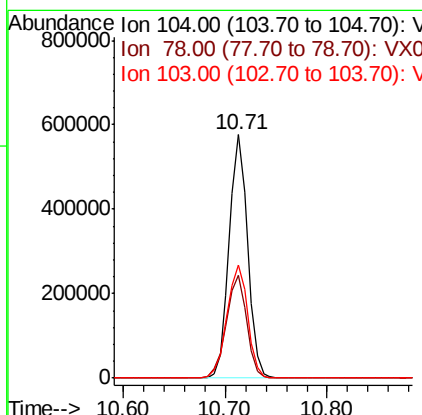
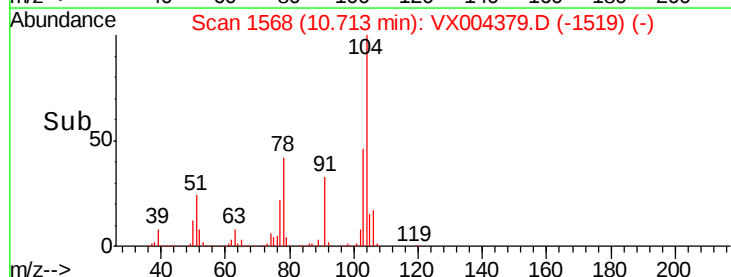
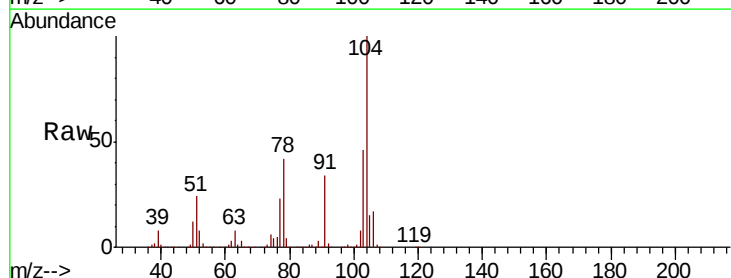
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

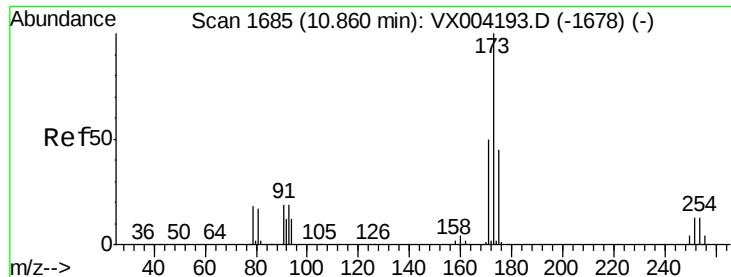
Tot Ion:106 Resp: 420710
Ion Ratio Lower Upper
106 100
91 208.0 105.1 315.1



#70
Styrene
Concen: 59.09 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion:104 Resp: 721034
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.0
103 52.2 43.8 65.6





#71

Bromoform

Concen: 55.01 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

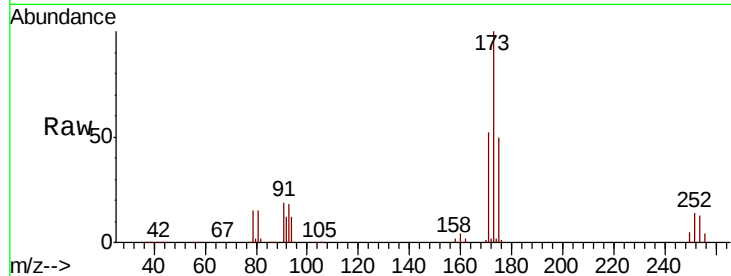
Tot Ion:173 Resp: 191885

Ion Ratio Lower Upper

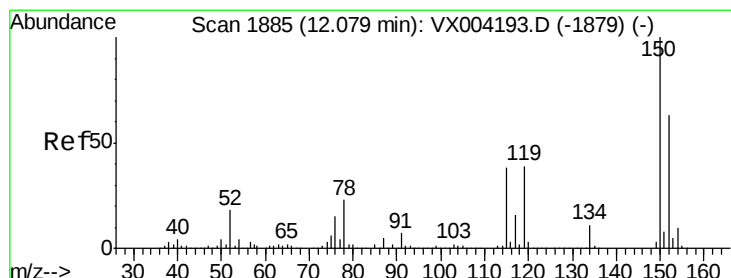
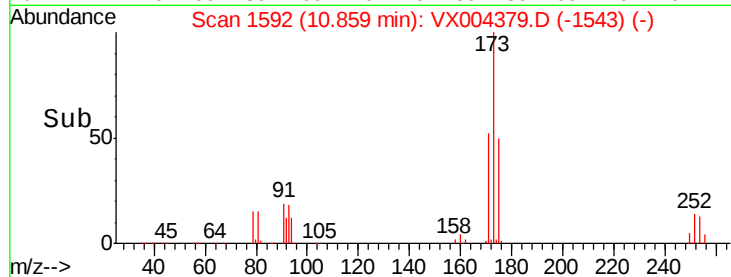
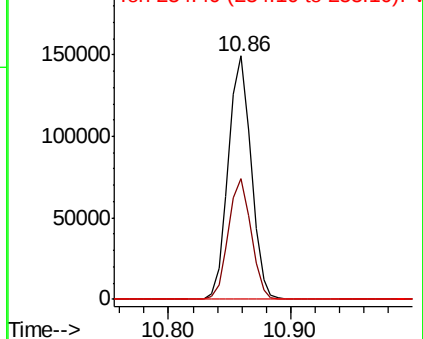
173 100

175 49.5 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# 1792

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

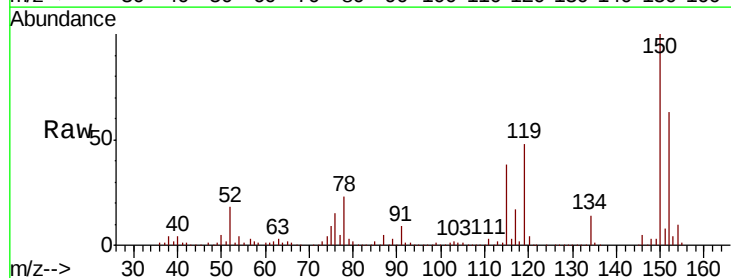
Tgt Ion:152 Resp: 312772

Ion Ratio Lower Upper

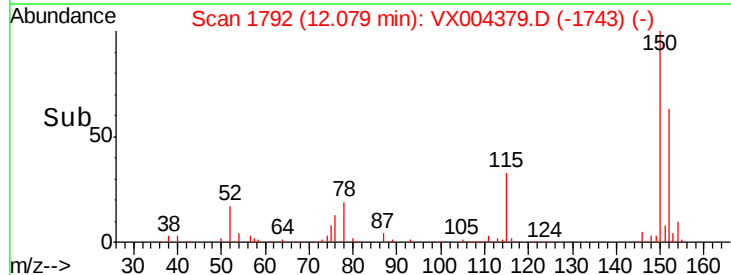
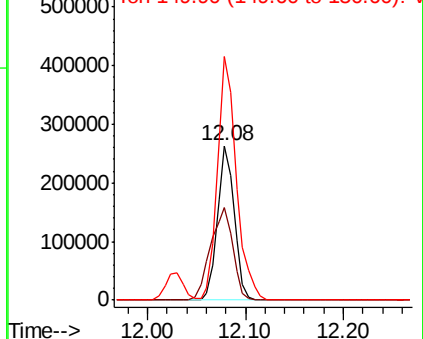
152 100

115 79.5 39.0 117.0

150 177.8 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: 56.82 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

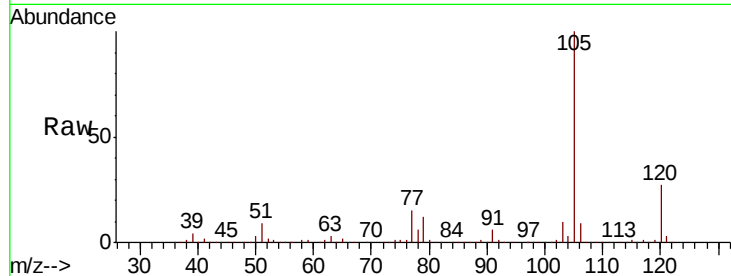
VSTDCCC050

Tot Ion:105 Resp: 1167163

Ion Ratio Lower Upper

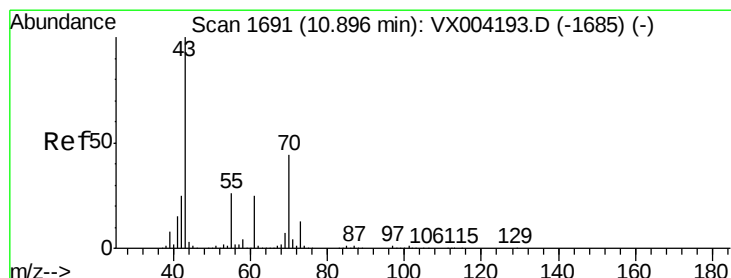
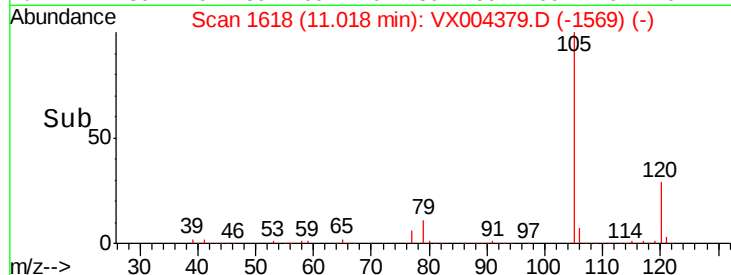
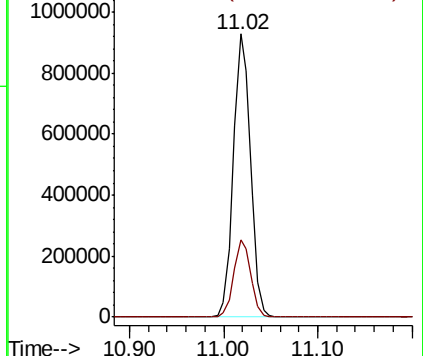
105 100

120 27.2 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: 54.74 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion: 43 Resp: 432986

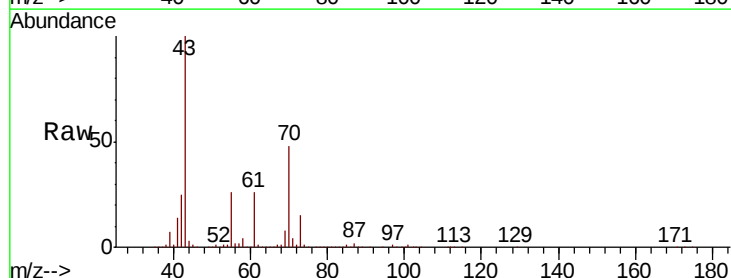
Ion Ratio Lower Upper

43 100

70 46.9 37.4 56.0

55 26.4 21.8 32.8

61 26.3 20.6 30.8

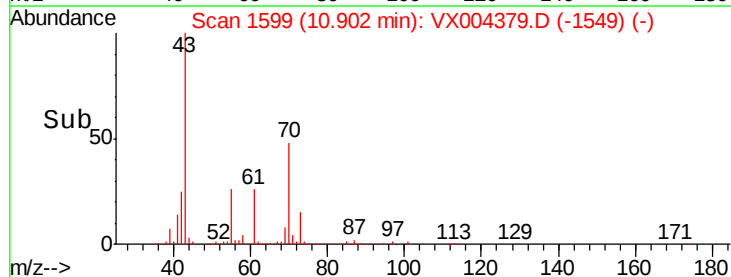
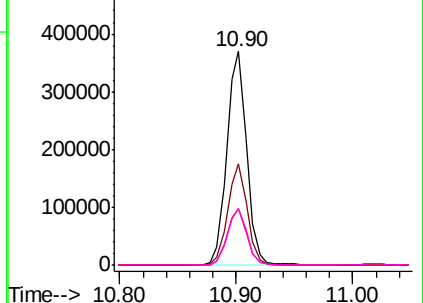


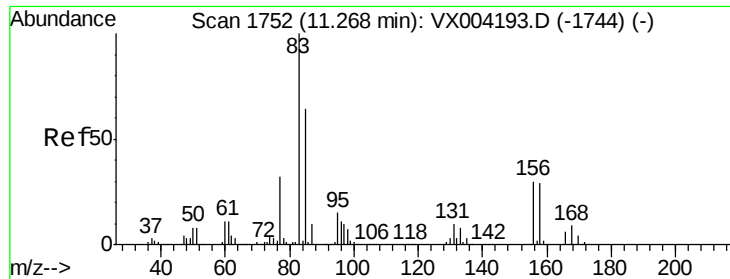
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

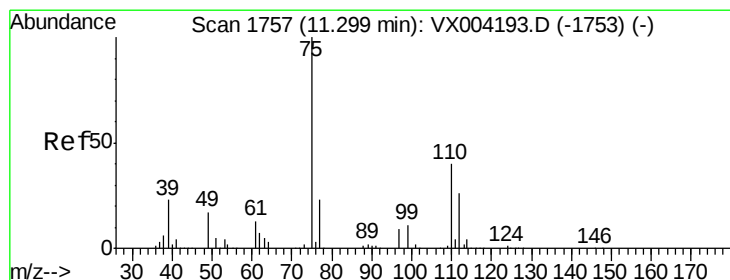
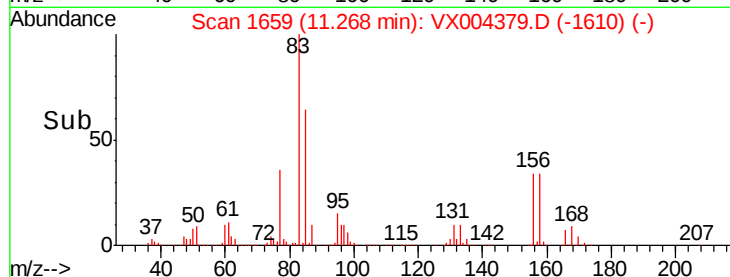
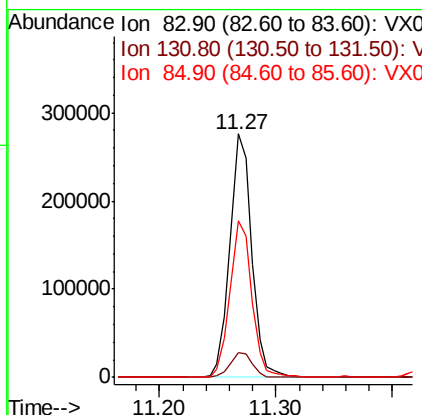
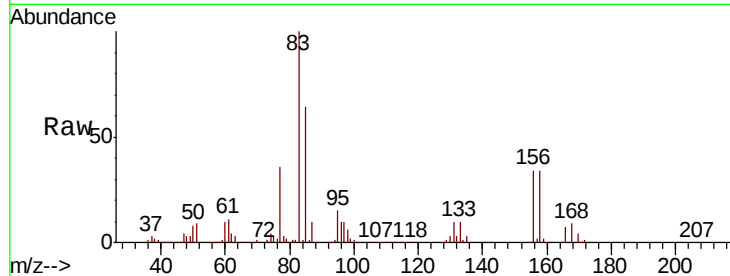




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.52 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

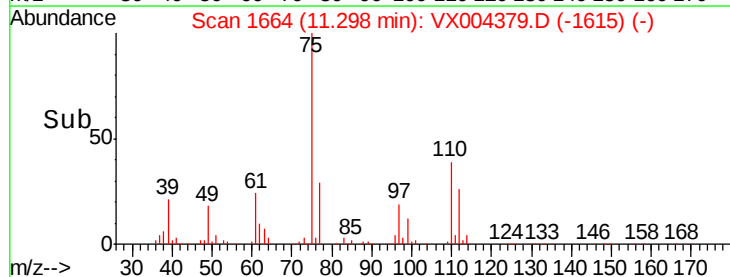
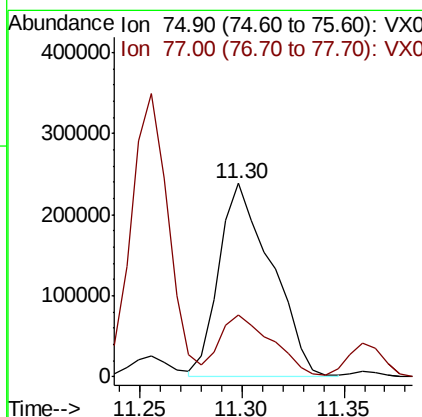
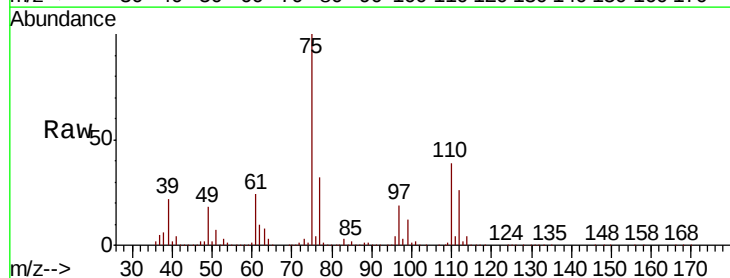
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 83 Resp: 363200
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 67.38 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 75 Resp: 428591
 Ion Ratio Lower Upper
 75 100
 77 31.8 20.2 60.6





#77

Bromobenzene

Concen: 53.54 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

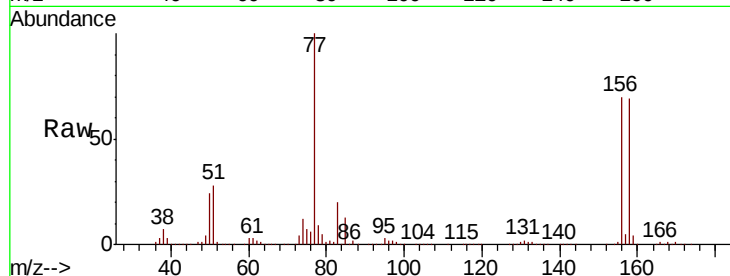
Tot Ion:156 Resp: 308517

Ion Ratio Lower Upper

156 100

77 143.6 71.5 214.3

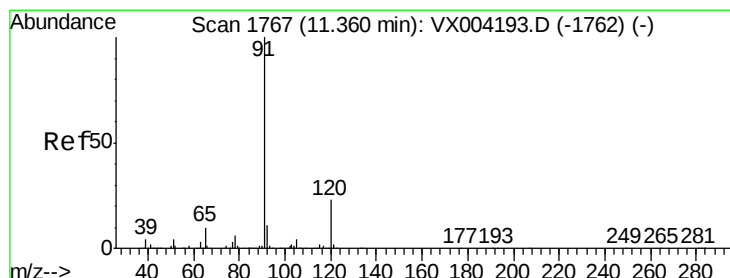
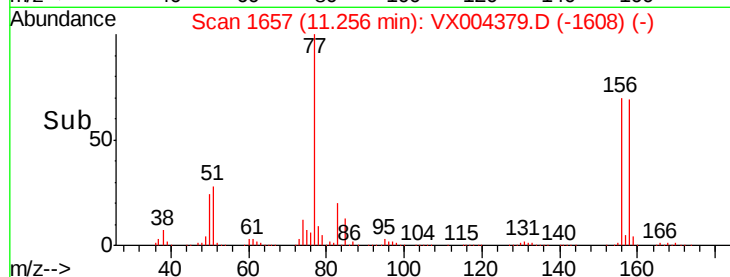
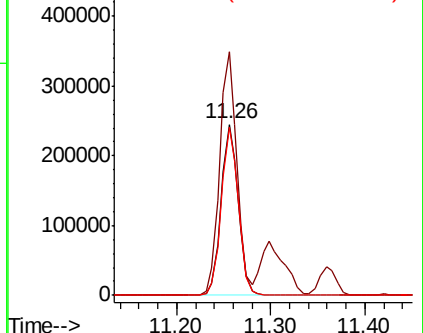
158 97.4 48.9 146.8



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: 56.94 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004379.D

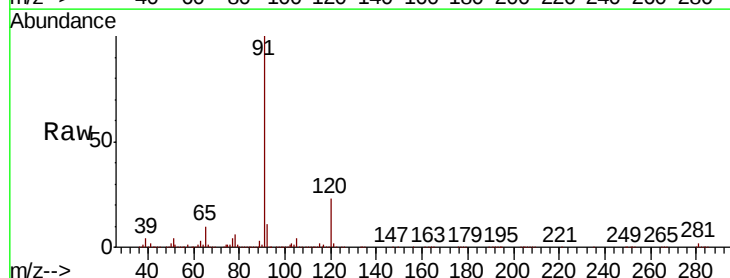
Acq: 06 Sep 2018 12:19

Tgt Ion: 91 Resp: 1345392

Ion Ratio Lower Upper

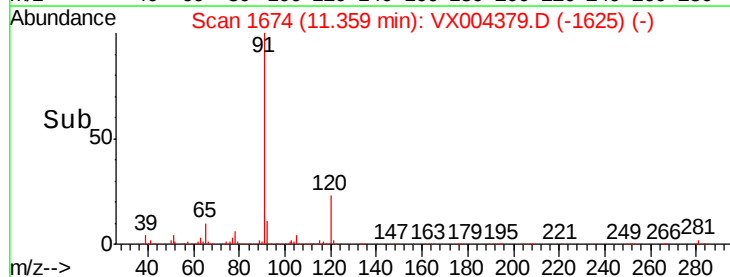
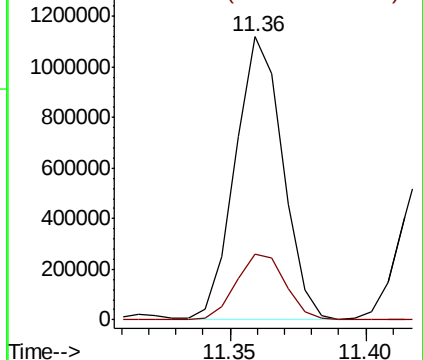
91 100

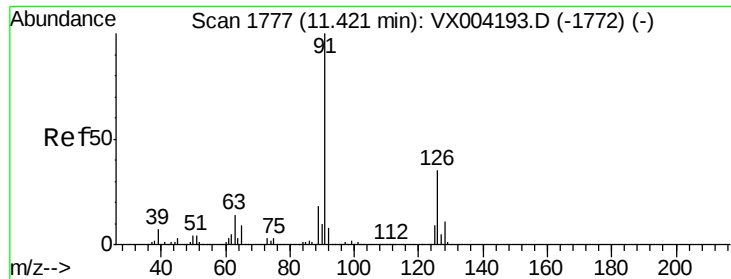
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

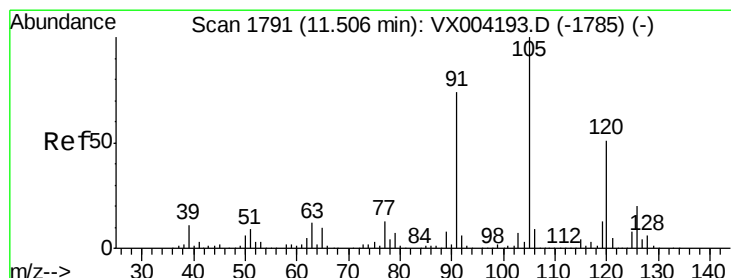
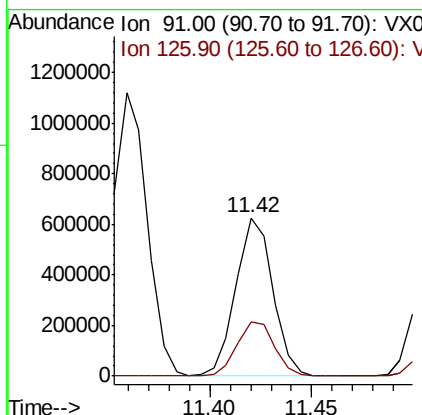
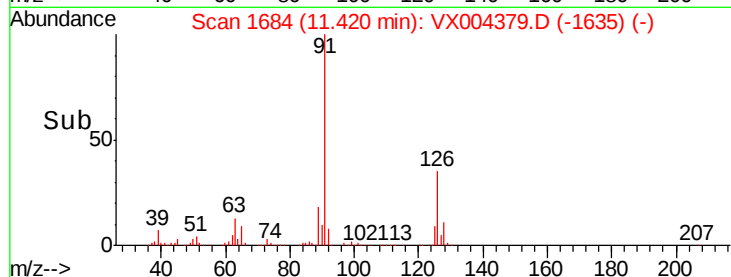
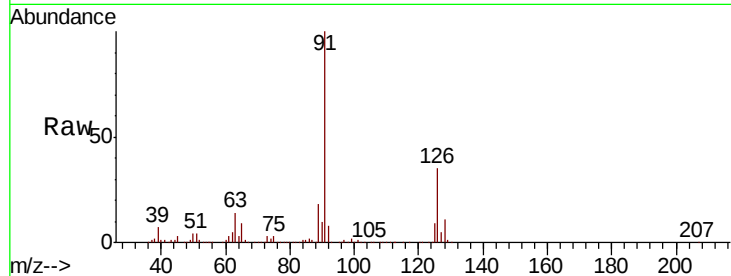




#79
 2-Chlorotoluene
 Concen: 53.71 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

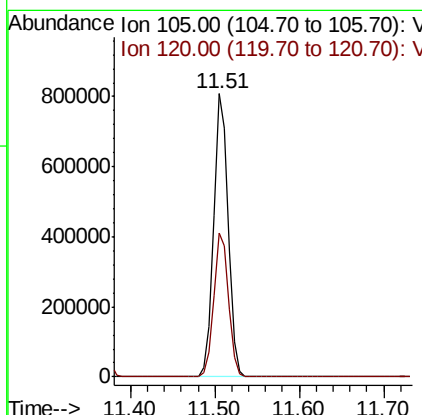
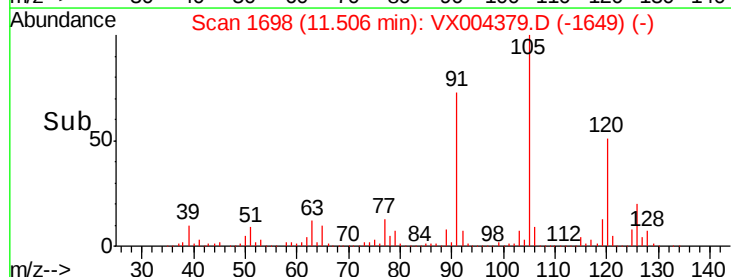
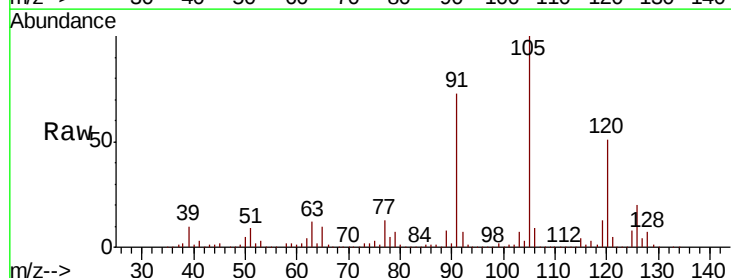
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 781127
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 56.73 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion:105 Resp: 965035
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.34 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

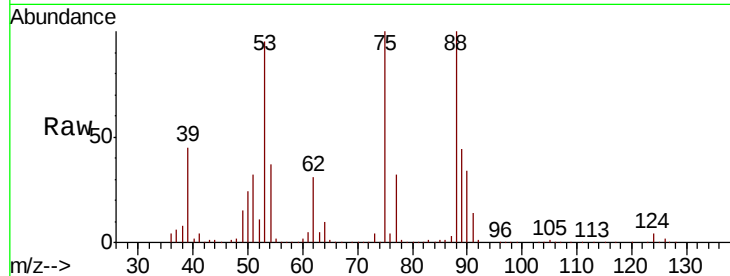
Tot Ion: 75 Resp: 112415

Ion Ratio Lower Upper

75 100

53 93.4 80.1 120.1

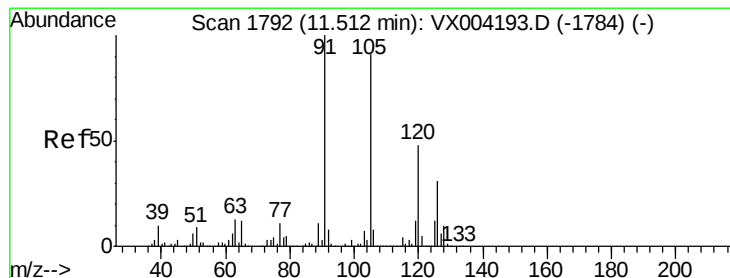
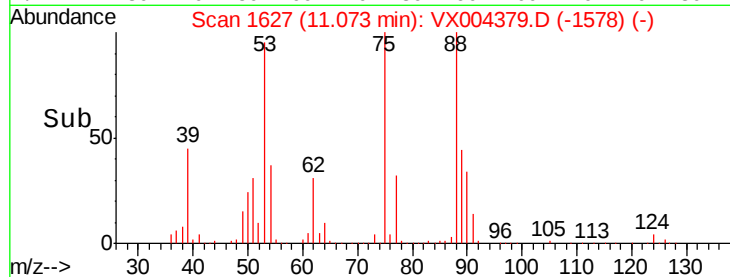
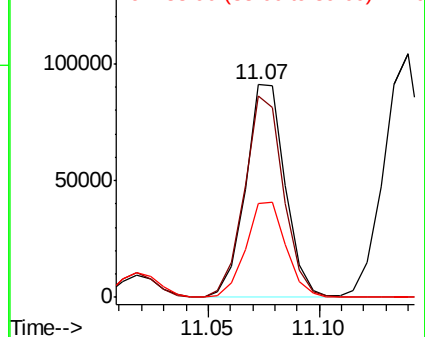
89 45.8 37.2 55.8



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: 53.89 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004379.D

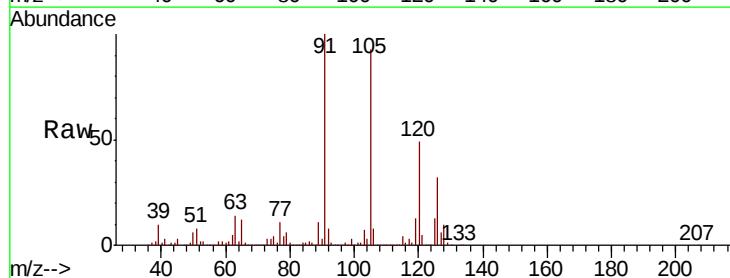
Acq: 06 Sep 2018 12:19

Tgt Ion: 91 Resp: 922132

Ion Ratio Lower Upper

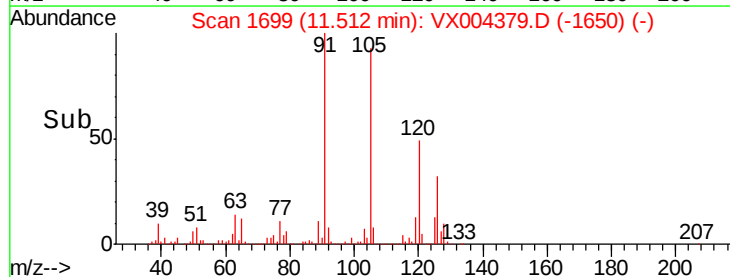
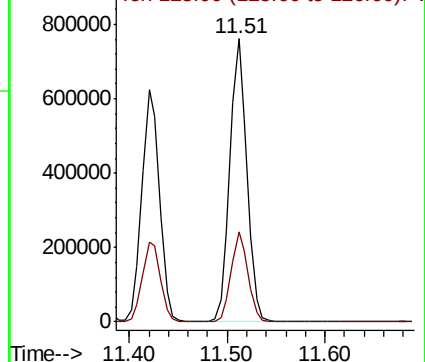
91 100

126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

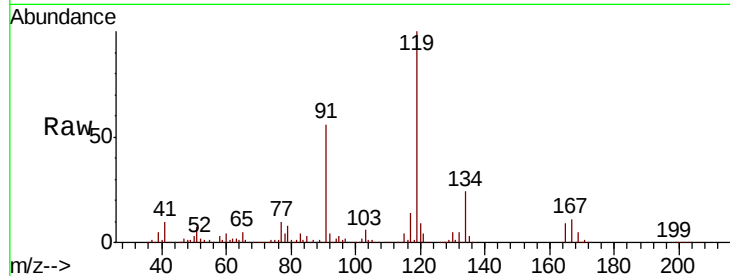




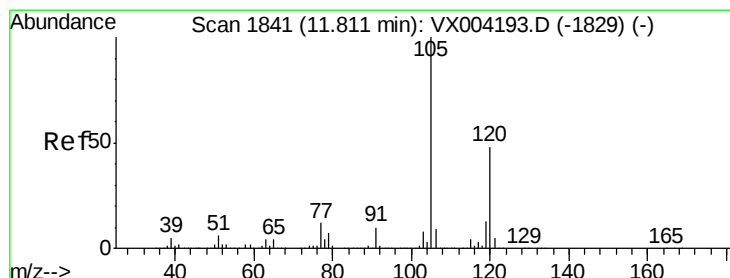
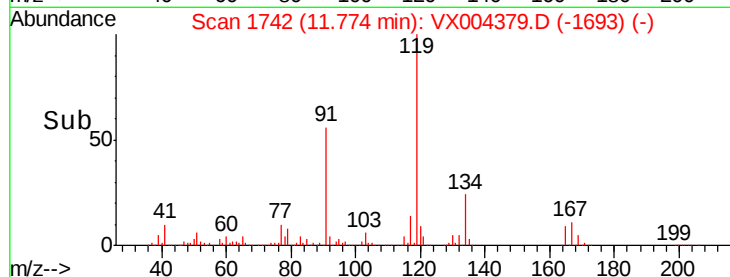
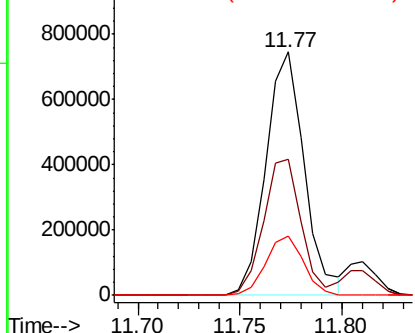
#83
 tert-Butylbenzene
 Concen: 57.11 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 977525
 Ion Ratio Lower Upper
 119 100
 91 54.8 27.0 81.0
 134 23.8 11.7 35.1

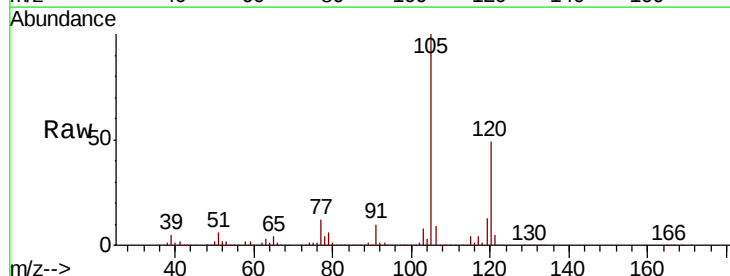


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

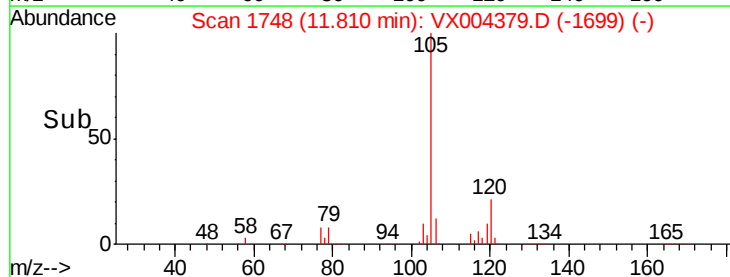
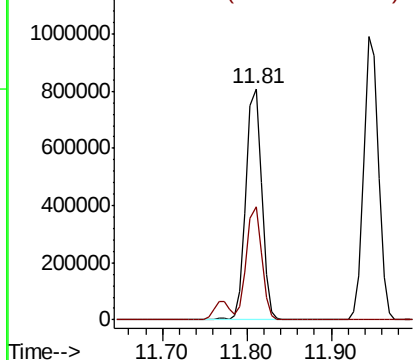


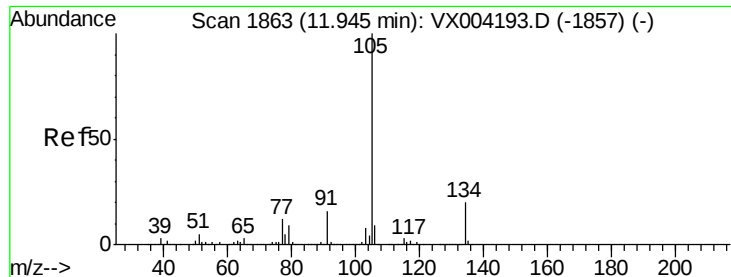
#84
 1,2,4-Trimethylbenzene
 Concen: 57.58 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion:105 Resp: 1005510
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 59.88 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampled :

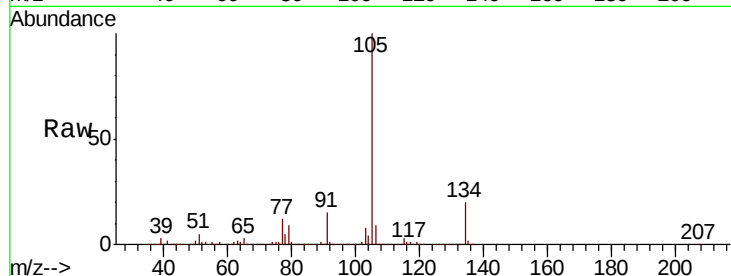
VSTDCCC050

Tot Ion:105 Resp: 1216850

Ion Ratio Lower Upper

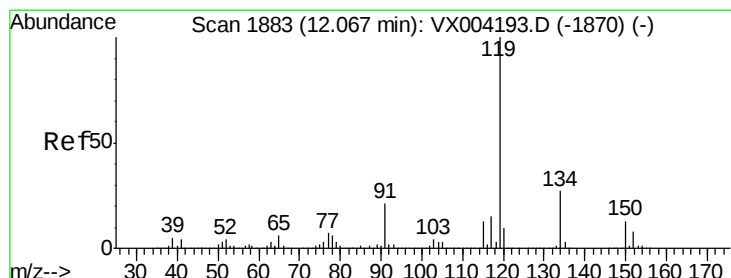
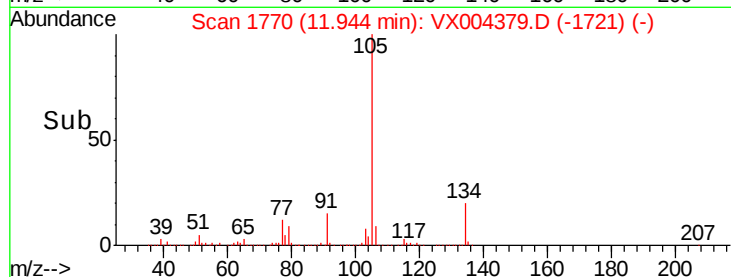
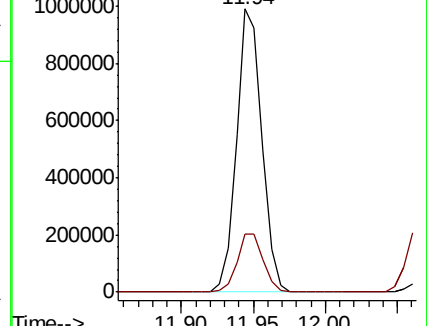
105 100

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: 60.71 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

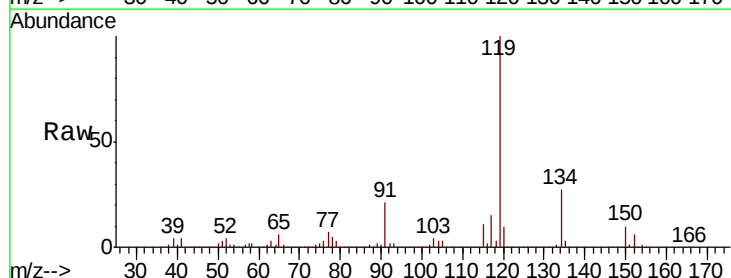
Tgt Ion:119 Resp: 1105610

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

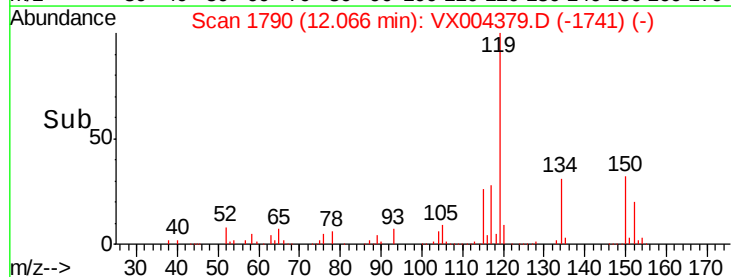
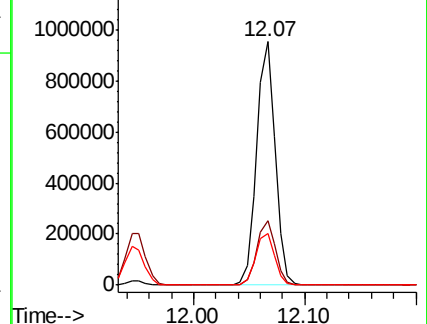
91 21.7 10.9 32.7

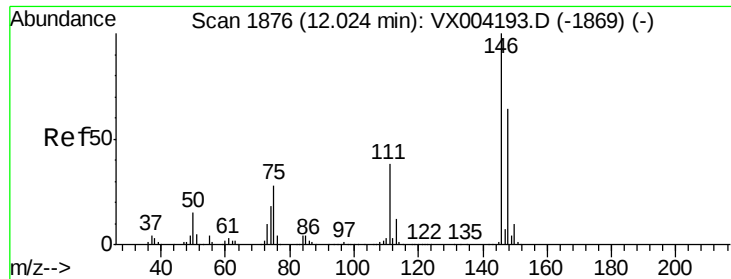


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 53.20 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

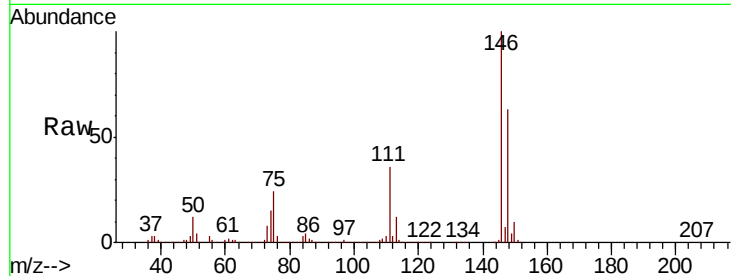
Tot Ion:146 Resp: 577159

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

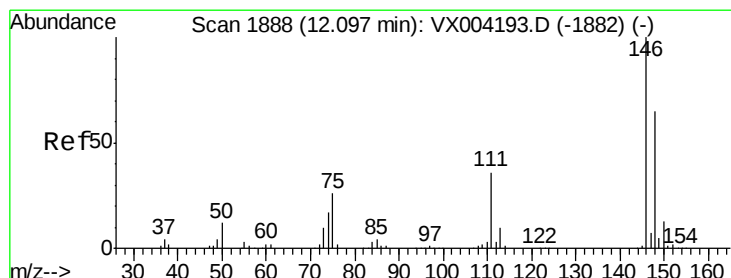
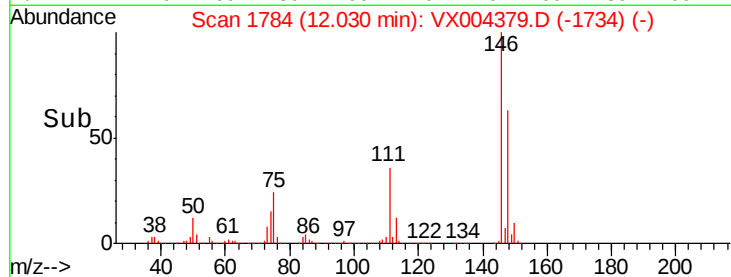
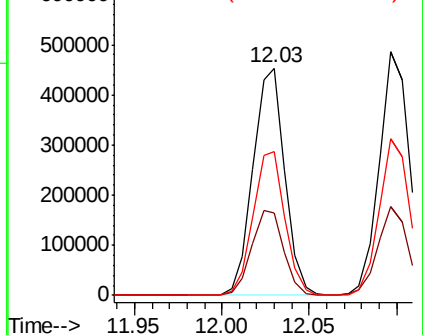
148 63.5 32.1 96.5



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: 50.93 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

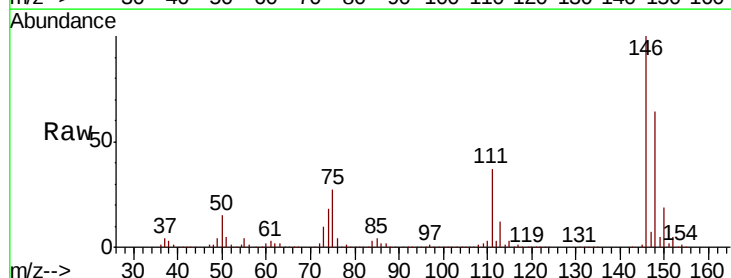
Tgt Ion:146 Resp: 582591

Ion Ratio Lower Upper

146 100

111 36.4 18.1 54.1

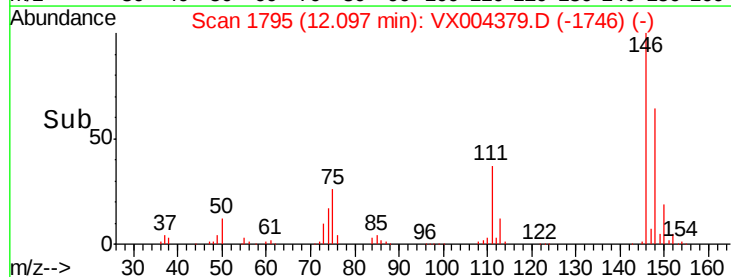
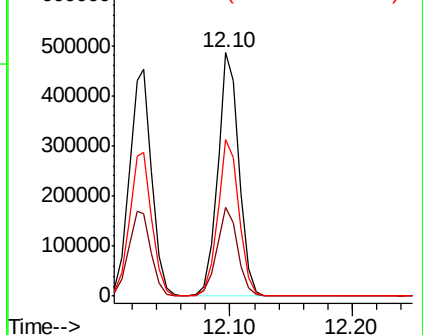
148 64.8 32.0 96.0

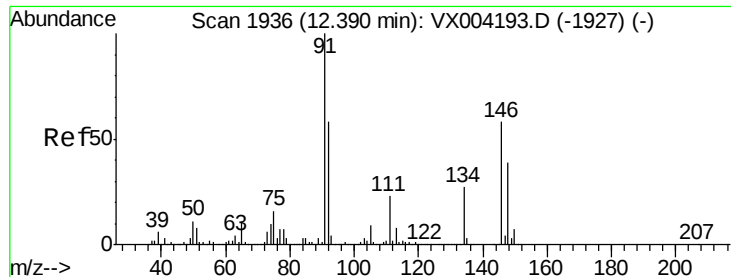


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

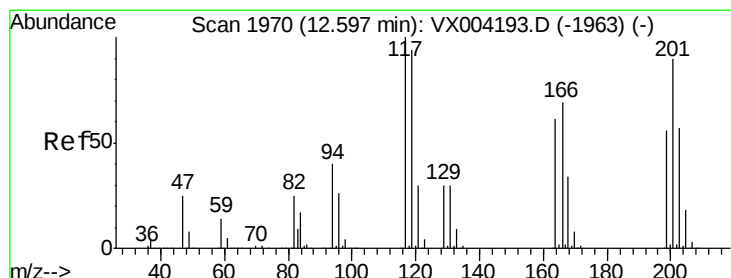
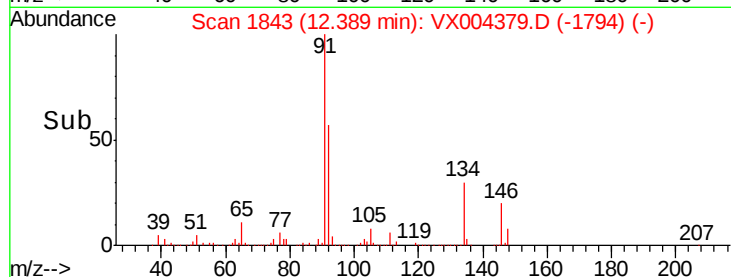
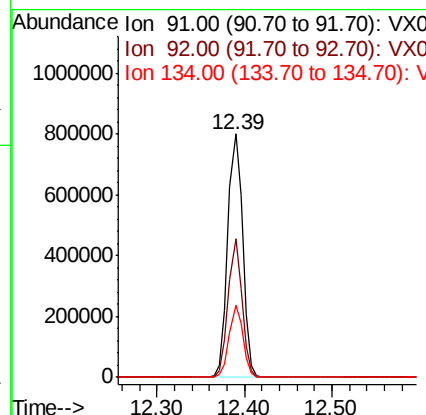
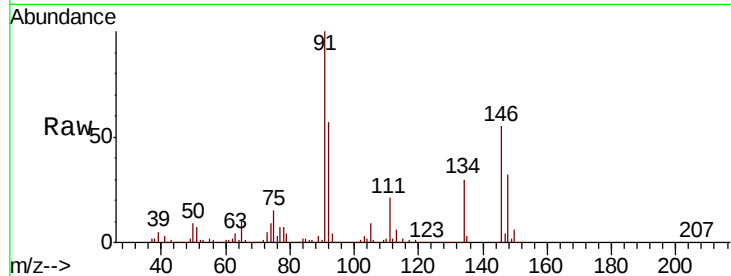




#89
n-Butylbenzene
Concen: 63.21 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

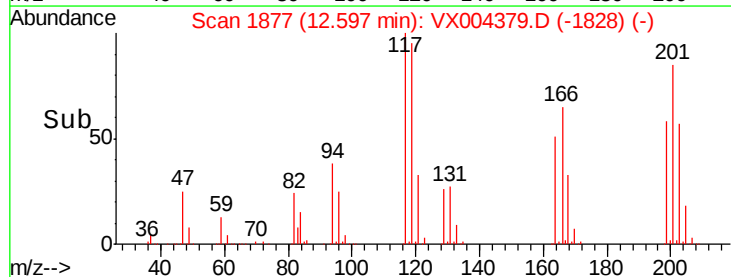
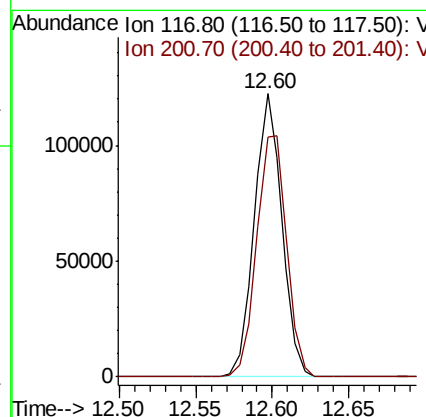
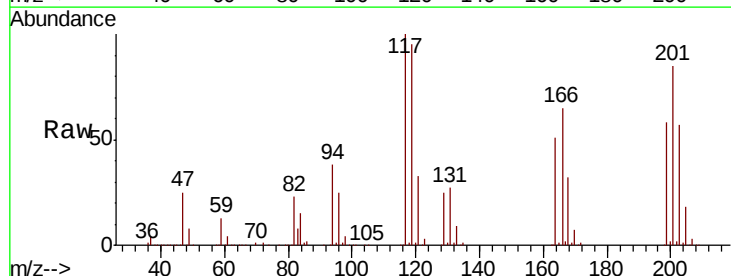
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

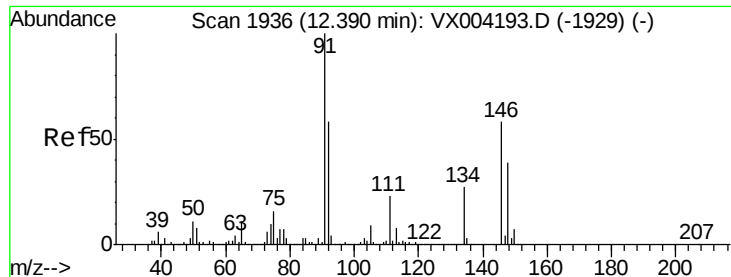
Tot Ion: 91 Resp: 935983
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 60.08 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 117 Resp: 152930
Ion Ratio Lower Upper
117 100
201 93.2 46.9 140.6

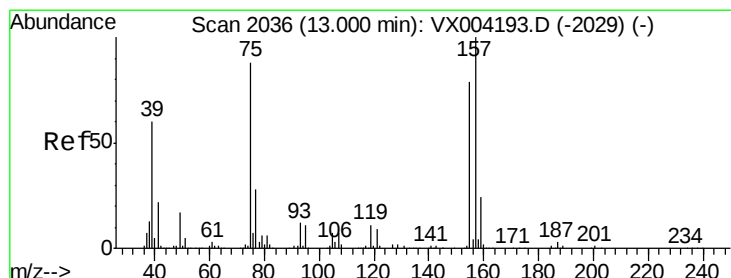
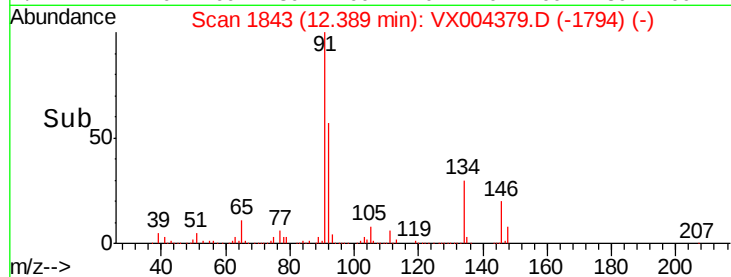
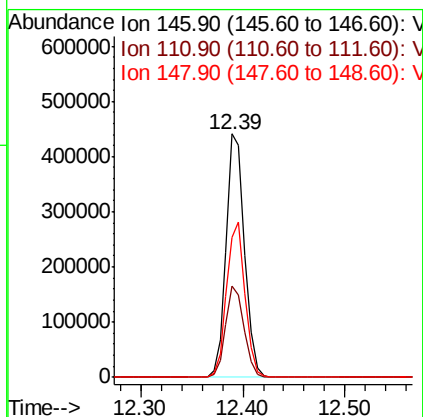
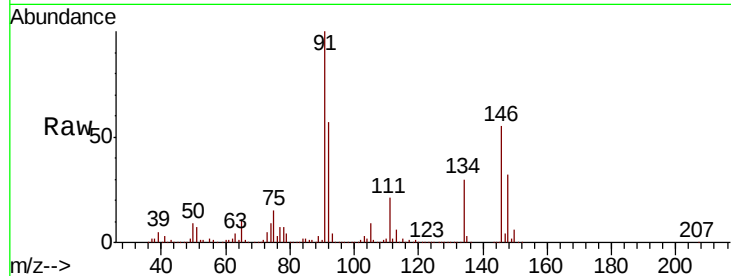




#91
 1,2-Dichlorobenzene
 Concen: 55.14 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

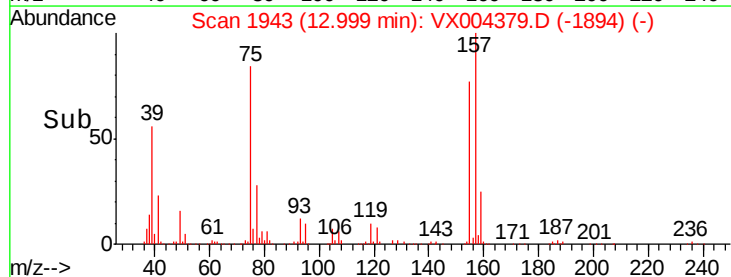
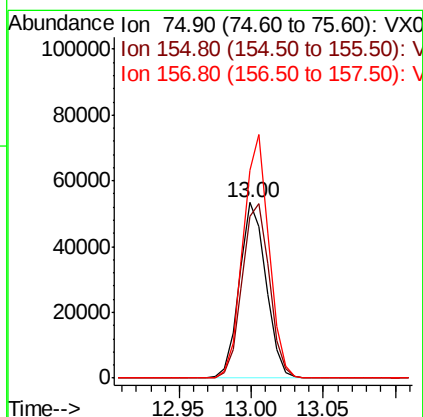
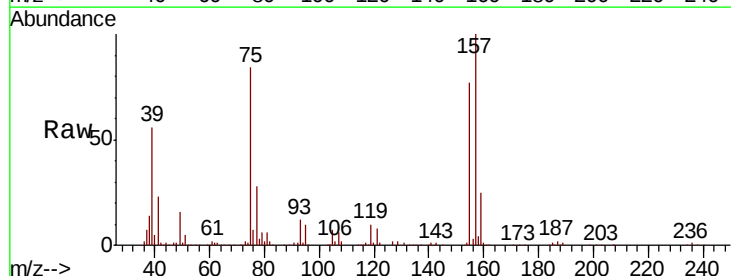
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

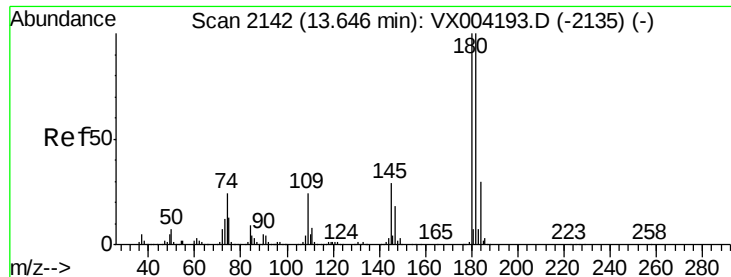
Tot Ion:146 Resp: 546799
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.1
 148 63.5 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.05 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 75 Resp: 68442
 Ion Ratio Lower Upper
 75 100
 155 101.3 48.0 144.2
 157 133.6 61.4 184.1

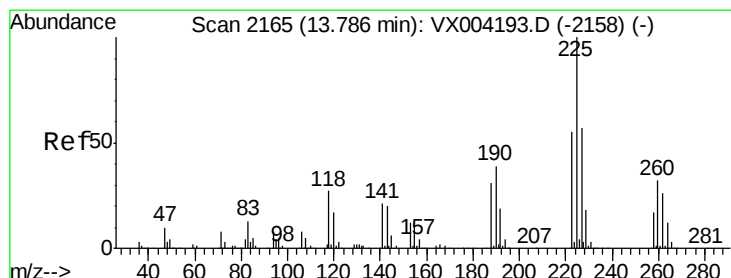
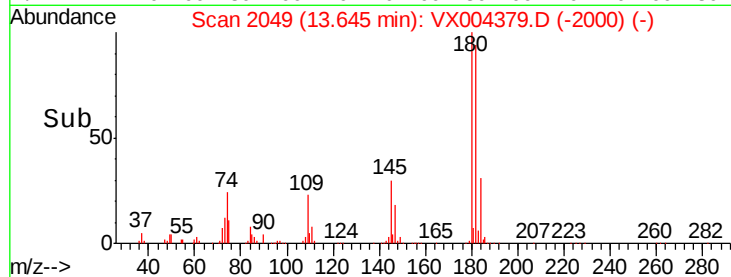
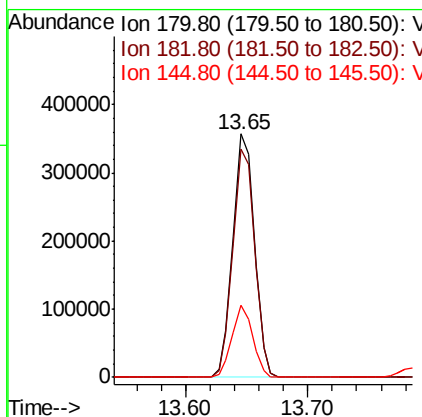
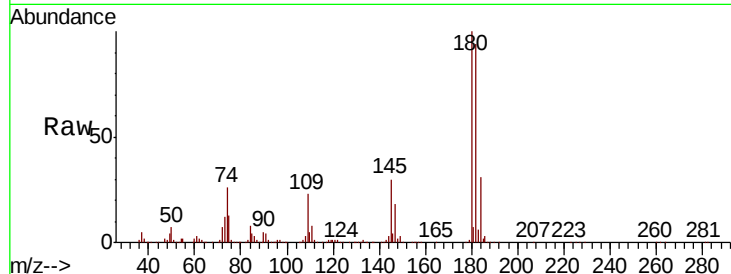




#93
 1,2,4-Trichlorobenzene
 Concen: 60.25 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

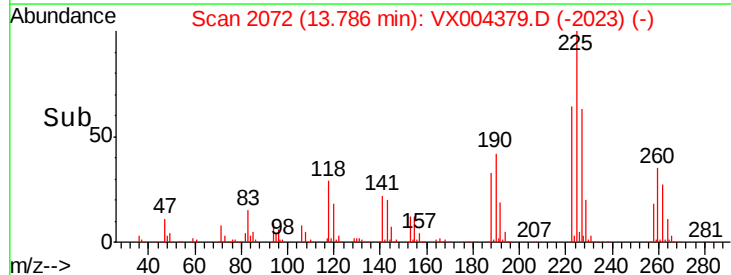
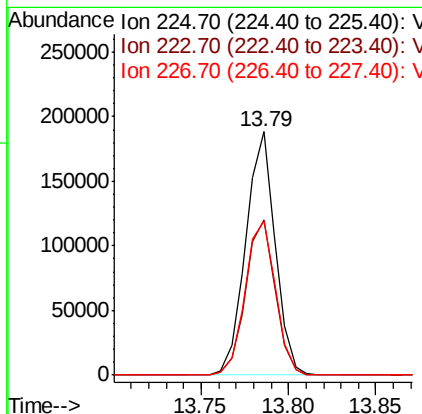
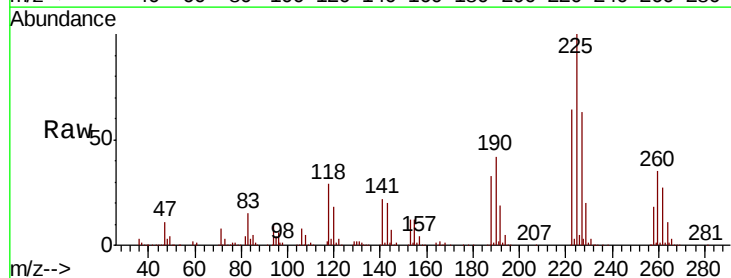
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

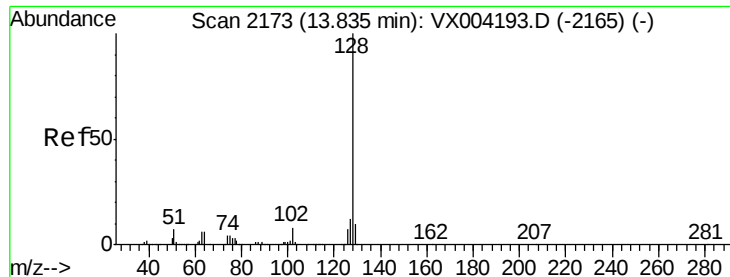
Tot Ion:180 Resp: 434660
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.4 145.0
 145 28.3 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 65.40 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion:225 Resp: 219368
 Ion Ratio Lower Upper
 225 100
 223 64.3 30.1 90.5
 227 65.5 30.8 92.4





#95

Naphthalene

Concen: 61.95 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

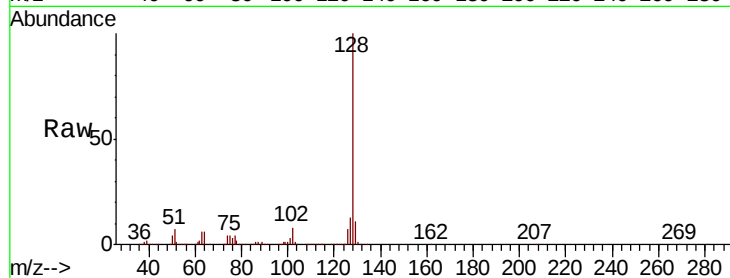
Tot Ion:128 Resp: 1264187

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

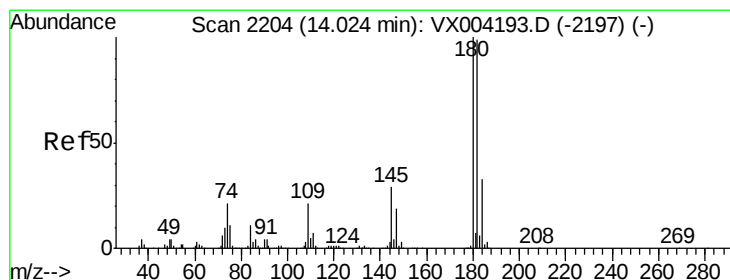
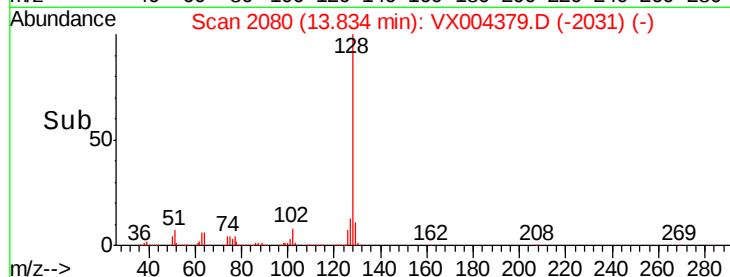
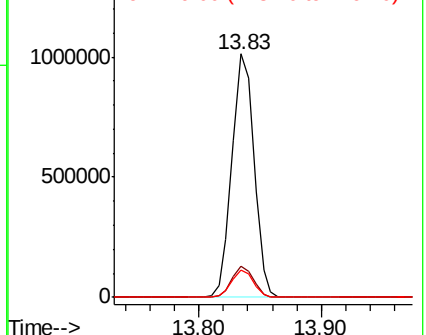
129 11.0 8.6 12.8



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: 58.95 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

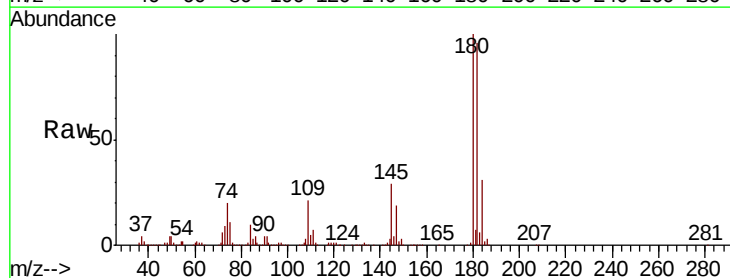
Tgt Ion:180 Resp: 450248

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 29.6 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

