

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006079.D
 Acq On : 19 Nov 2018 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 13:13:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	108439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	137968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	63324	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.50	113	52058	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	194216	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
62) 4-Bromofluorobenzene	11.14	95	73654	60.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43602	44.60	ug/l	98
3) Chloromethane	1.32	50	55672	43.39	ug/l	100
4) Vinyl Chloride	1.41	62	58747	45.61	ug/l	98
5) Bromomethane	1.64	94	42972	54.51	ug/l	99
6) Chloroethane	1.71	64	38274	49.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	88787	51.93	ug/l	98
8) Diethyl Ether	2.19	74	37161	55.47	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53345	54.25	ug/l	99
10) Methyl Iodide	2.51	142	63612	53.37	ug/l	99
11) Tert butyl alcohol	3.07	59	77541	217.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47854	49.93	ug/l	92
13) Acrolein	2.29	56	43239	253.63	ug/l	99
14) Allyl chloride	2.73	41	114349	53.42	ug/l	99
15) Acrylonitrile	3.15	53	194800	263.21	ug/l	100
16) Acetone	2.45	43	191975	286.01	ug/l	99
17) Carbon Disulfide	2.57	76	135616	47.44	ug/l	100
18) Methyl Acetate	2.78	43	100208	55.88	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	190392	58.20	ug/l	100
20) Methylene Chloride	2.85	84	56848	51.56	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	52039	51.47	ug/l	96
22) Diisopropyl ether	3.87	45	216636	57.77	ug/l	# 98
23) Vinyl Acetate	3.82	43	879786	273.63	ug/l	98
24) 1,1-Dichloroethane	3.70	63	110371	55.17	ug/l	99
25) 2-Butanone	4.70	43	253261	240.00	ug/l	100
26) 2,2-Dichloropropane	4.58	77	81861	55.78	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55776	49.97	ug/l	100
28) Bromochloromethane	5.01	49	49361	55.20	ug/l	98
29) Tetrahydrofuran	5.15	42	156222	230.56	ug/l	100
30) Chloroform	5.21	83	95932	49.70	ug/l	97
31) Cyclohexane	5.57	56	79169	45.59	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	84496	52.48	ug/l	98
36) 1,1-Dichloropropene	5.80	75	68663	47.34	ug/l	98
37) Ethyl Acetate	4.85	43	85421	44.79	ug/l	100
38) Carbon Tetrachloride	5.78	117	75191	51.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79063	53.79	ug/l	99
40) Benzene	6.14	78	203955	48.24	ug/l	98
41) Methacrylonitrile	5.06	41	51162	49.65	ug/l	99
42) 1,2-Dichloroethane	6.20	62	76408	50.46	ug/l	100
43) Isopropyl Acetate	6.46	43	132761	48.04	ug/l	98
44) Trichloroethene	7.21	130	57520	53.57	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57269	55.81	ug/l	100
46) Dibromomethane	7.66	93	36439	56.59	ug/l	98
47) Bromodichloromethane	7.90	83	77043	63.31	ug/l	98
48) Methyl methacrylate	7.77	41	68048	54.84	ug/l	99
49) 1,4-Dioxane	7.75	88	25895	968.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	476381	273.52	ug/l	99
52) Toluene	8.79	92	129576	54.84	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	85283	59.38	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90606	61.90	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	55358	52.57	ug/l	97
56) Ethyl methacrylate	9.18	69	81988	52.03	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93351	52.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	272674	315.34	ug/l	100
59) 2-Hexanone	9.49	43	388340	252.96	ug/l	99
60) Dibromochloromethane	9.59	129	64257	56.46	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57407	49.30	ug/l	100
64) Tetrachloroethene	9.34	164	60398	51.42	ug/l	98
65) Chlorobenzene	10.14	112	149951	54.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	57891	60.25	ug/l	100
67) Ethyl Benzene	10.25	91	259831	58.63	ug/l	99
68) m/p-Xylenes	10.36	106	198907	117.66	ug/l	99
69) o-Xylene	10.70	106	95207	62.80	ug/l	100
70) Styrene	10.71	104	163178	65.25	ug/l	100
71) Bromoform	10.86	173	55570	68.99	ug/l	99
73) Isopropylbenzene	11.02	105	267743	58.13	ug/l	99
74) N-amyl acetate	10.90	43	119648	46.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89894	53.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	112494	69.36	ug/l	85
77) Bromobenzene	11.26	156	70545	54.34	ug/l	100
78) n-propylbenzene	11.36	91	313638	57.78	ug/l	99
79) 2-Chlorotoluene	11.42	91	183545	55.94	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	229228	58.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30706	60.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	219769	56.83	ug/l	100
83) tert-Butylbenzene	11.77	119	228201	57.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	236069	54.66	ug/l	100
85) sec-Butylbenzene	11.94	105	277187	57.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	255308	59.52	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	134861	54.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	137696	53.98	ug/l	99
89) n-Butylbenzene	12.39	91	229943	57.84	ug/l	99
90) Hexachloroethane	12.60	117	44069	61.54	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	133831	53.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22660	54.93	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104790	59.64	ug/l	100
94) Hexachlorobutadiene	13.79	225	52774	57.18	ug/l	99
95) Naphthalene	13.83	128	307920	53.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104749	58.51	ug/l	100

(#) = 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: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

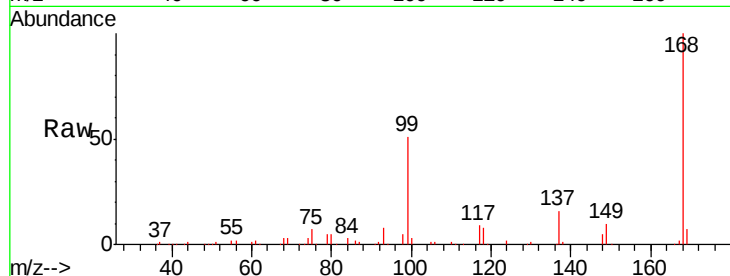
VSTDCCC050

Tgt Ion:168 Resp: 108439

Ion Ratio Lower Upper

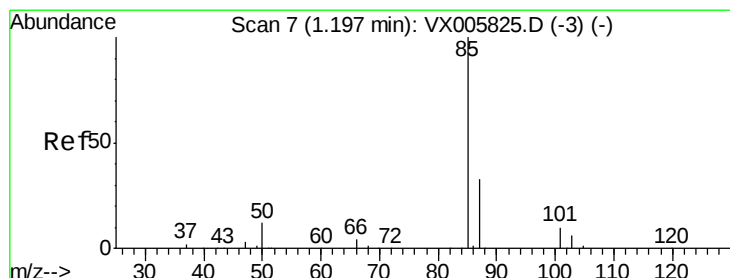
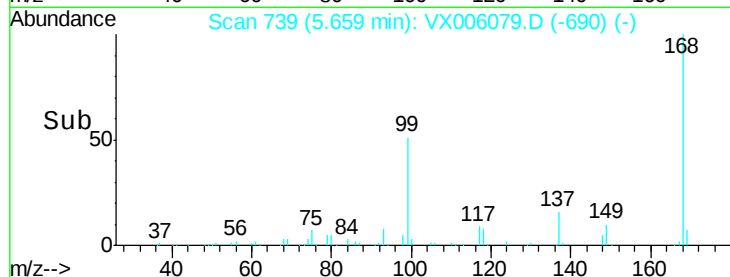
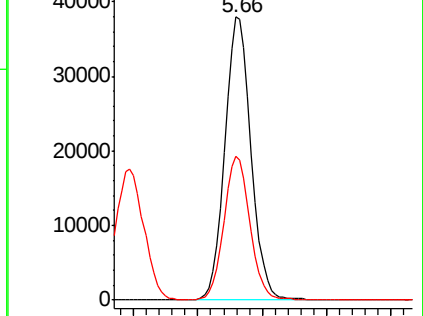
168 100

99 50.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.60 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006079.D

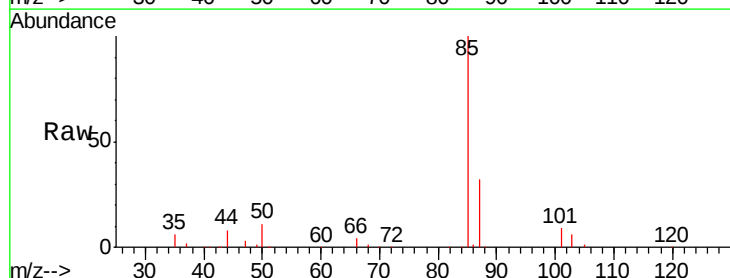
Acq: 19 Nov 2018 09:39

Tgt Ion: 85 Resp: 43602

Ion Ratio Lower Upper

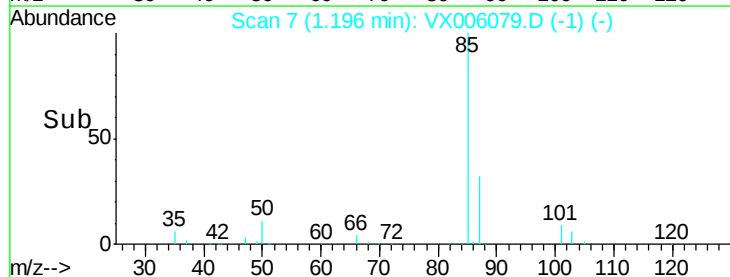
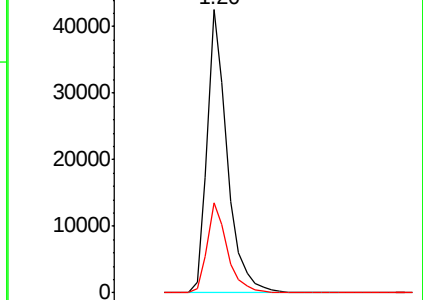
85 100

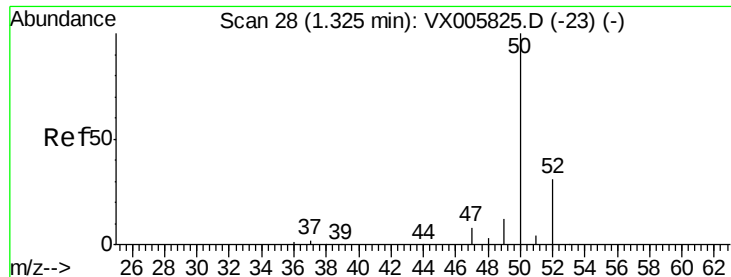
87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.39 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

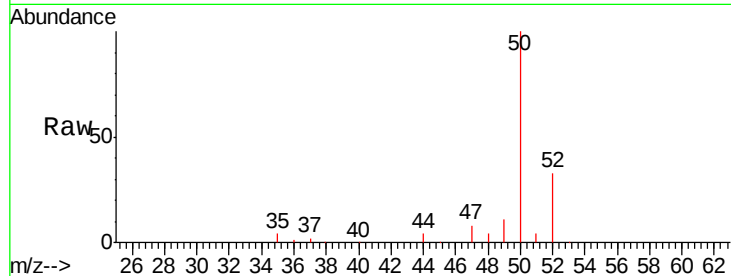
VSTDCCC050

Tgt Ion: 50 Resp: 55672

Ion Ratio Lower Upper

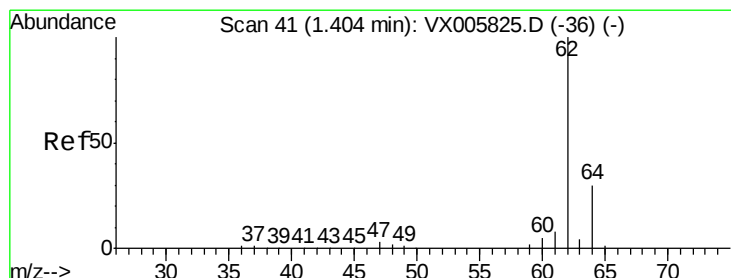
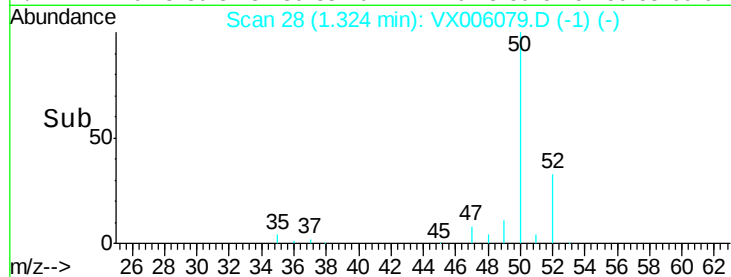
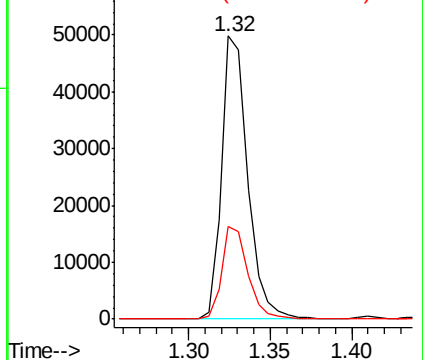
50 100

52 32.7 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: 45.61 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006079.D

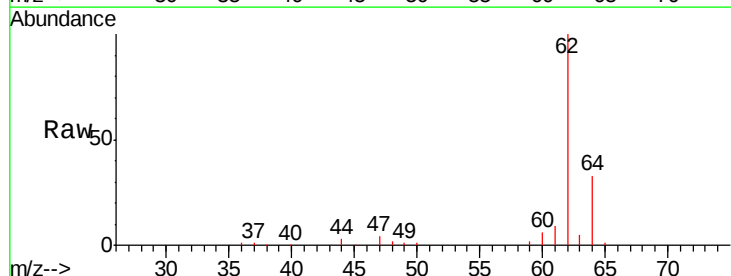
Acq: 19 Nov 2018 09:39

Tgt Ion: 62 Resp: 58747

Ion Ratio Lower Upper

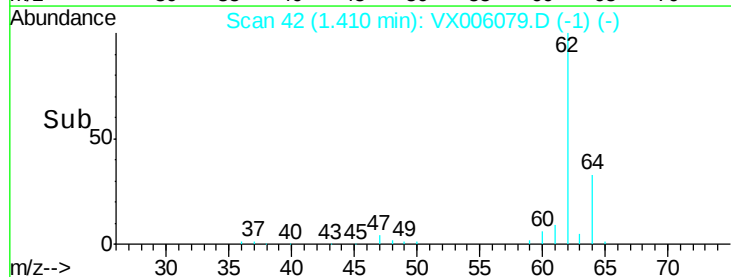
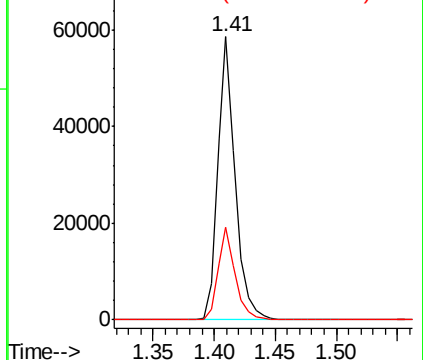
62 100

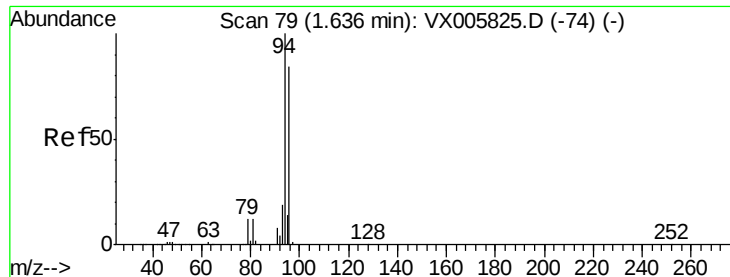
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.51 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

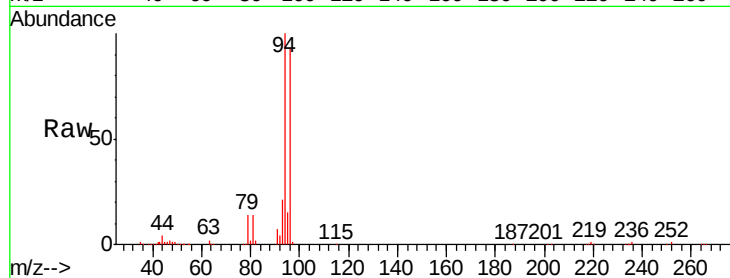
VSTDCCC050

Tgt Ion: 94 Resp: 42972

Ion Ratio Lower Upper

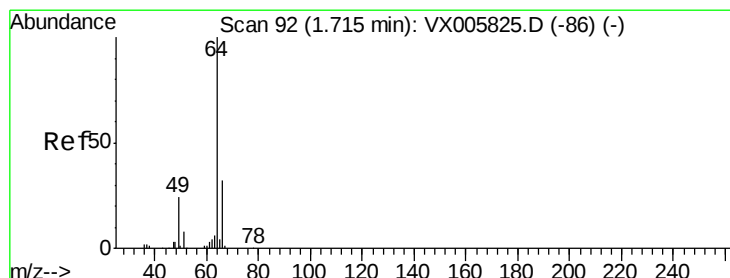
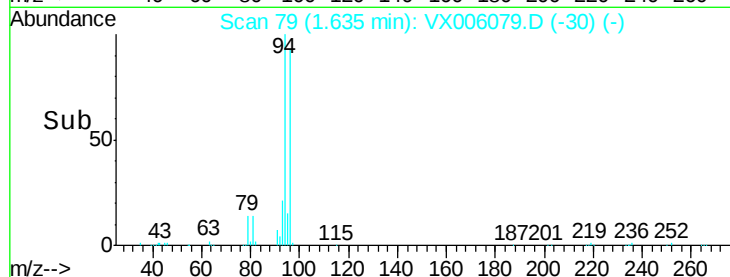
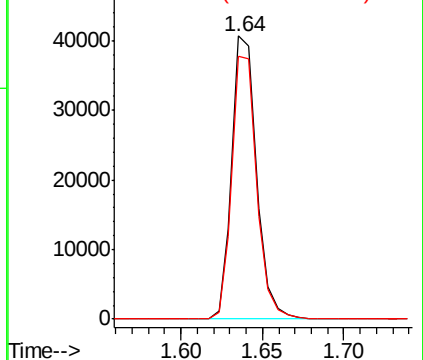
94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.80 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006079.D

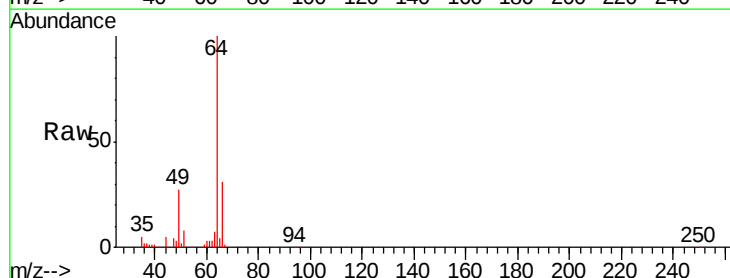
Acq: 19 Nov 2018 09:39

Tgt Ion: 64 Resp: 38274

Ion Ratio Lower Upper

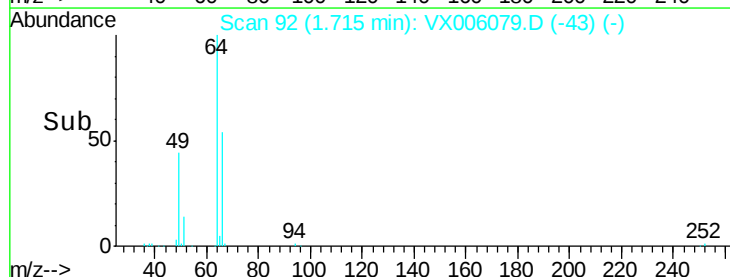
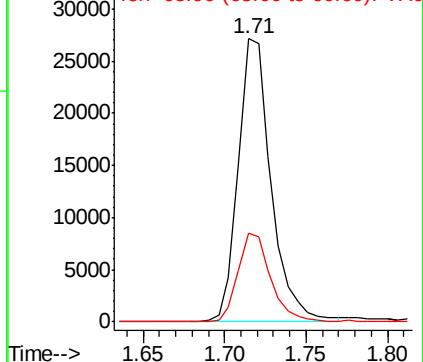
64 100

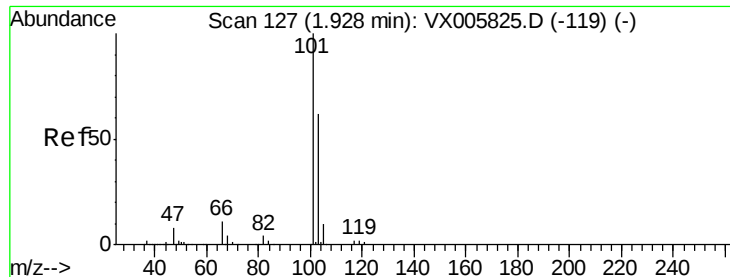
66 31.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



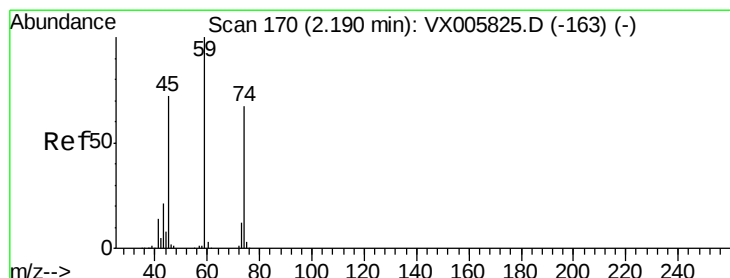
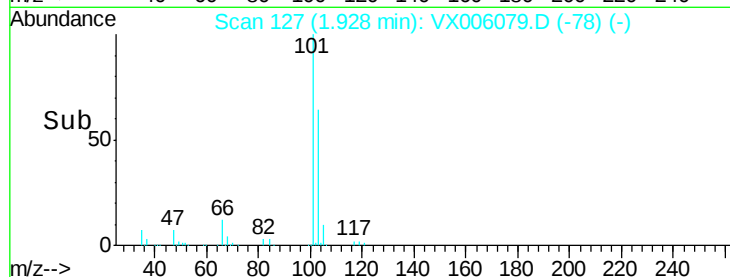
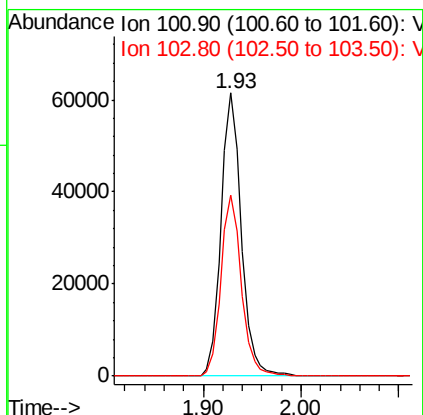
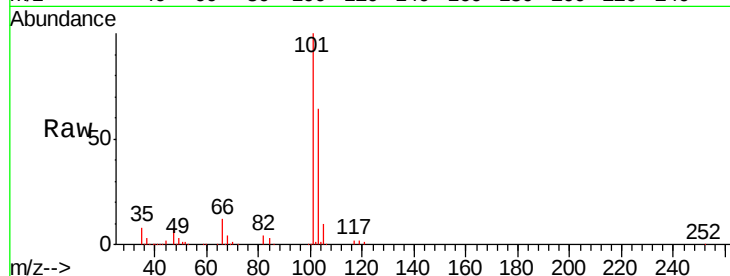


#7

Trichlorofluoromethane
 Concen: 51.93 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
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 VSTDCCC050

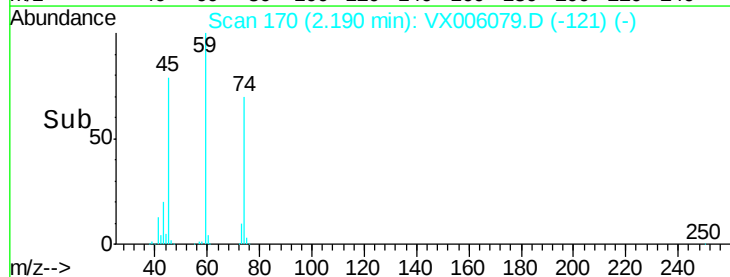
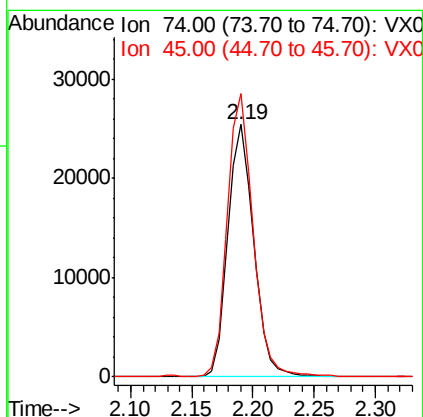
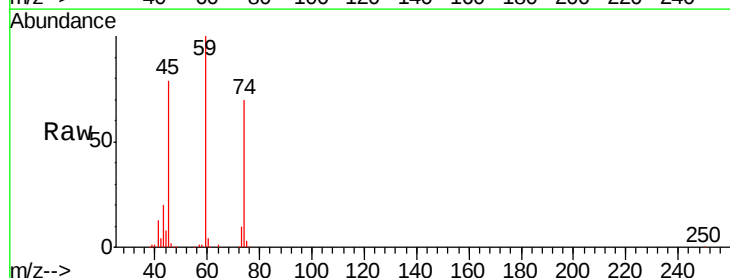
Tgt Ion:101 Resp: 88787
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.0 75.0

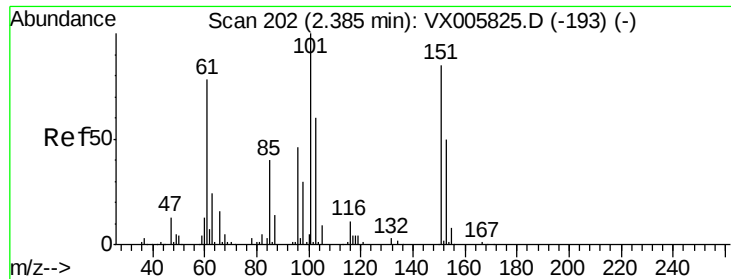


#8

Diethyl Ether
 Concen: 55.47 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 74 Resp: 37161
 Ion Ratio Lower Upper
 74 100
 45 111.0 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.25 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

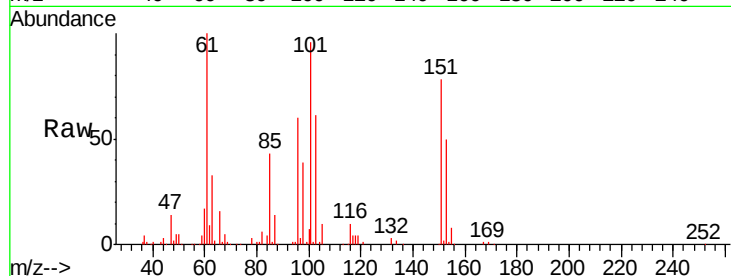
Tgt Ion:101 Resp: 53345

Ion Ratio Lower Upper

101 100

85 44.7 35.0 52.4

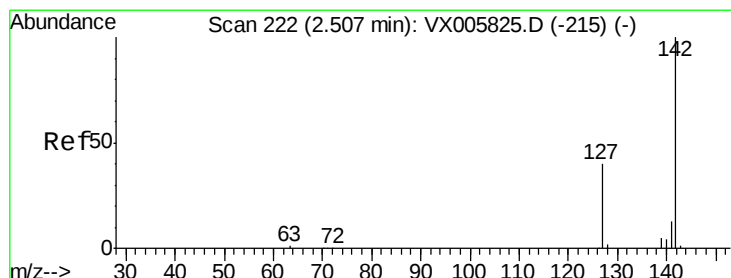
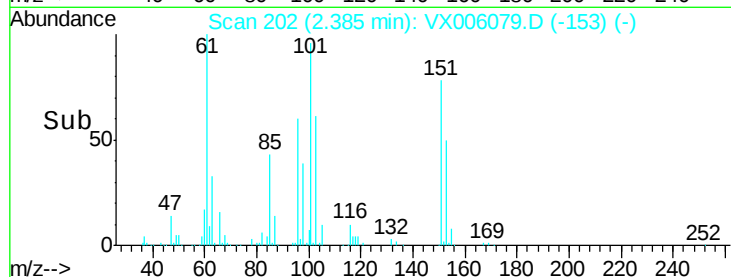
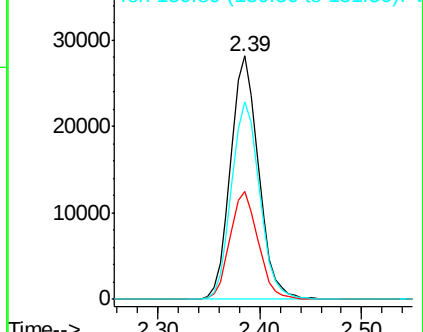
151 82.2 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.37 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

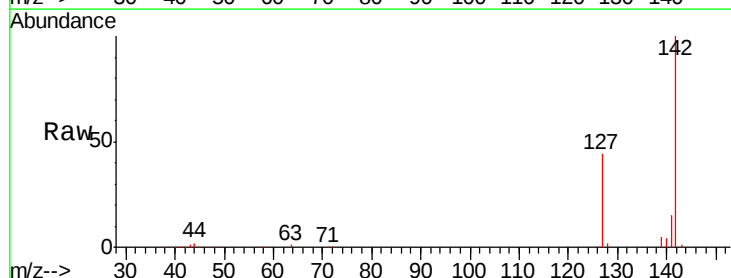
Tgt Ion:142 Resp: 63612

Ion Ratio Lower Upper

142 100

127 44.3 36.0 54.0

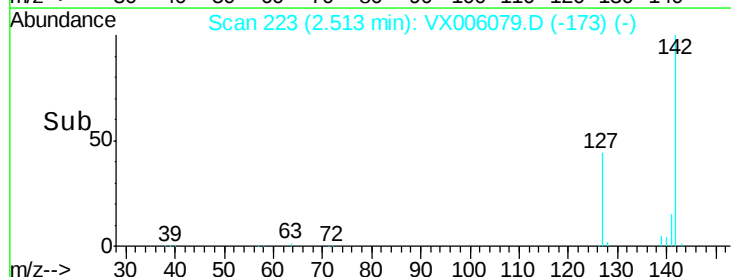
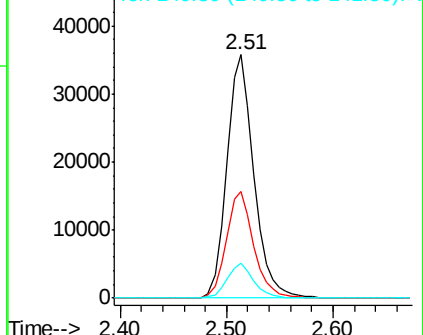
141 14.3 11.7 17.5

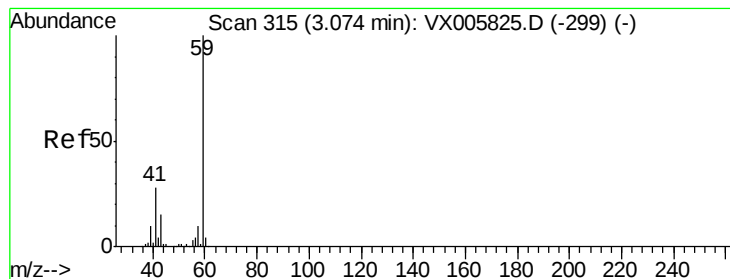


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



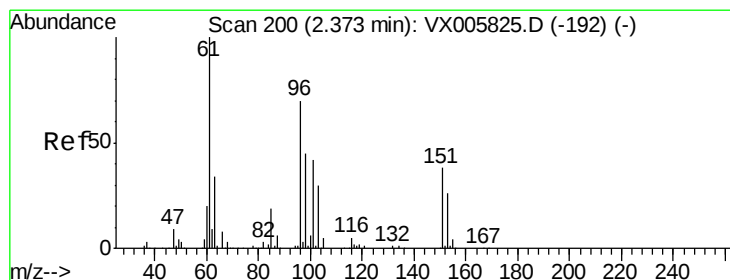
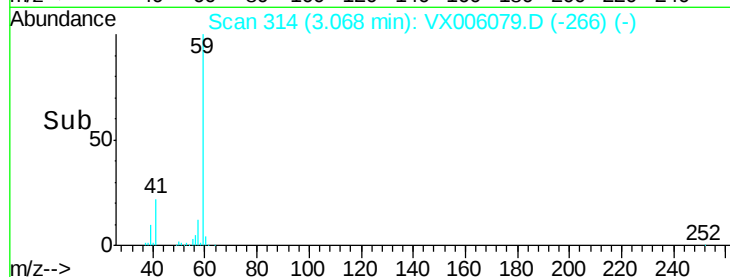
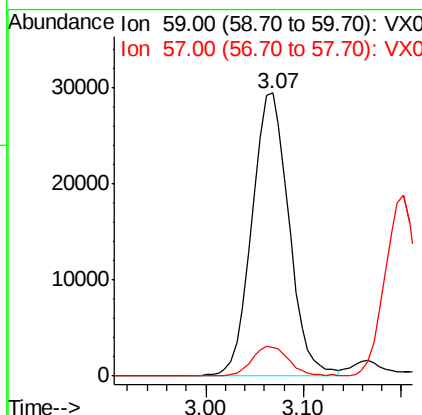
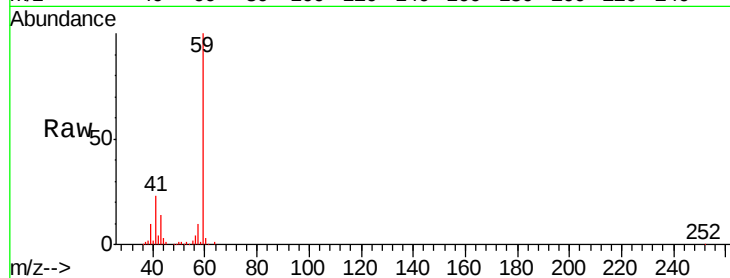


#11

Tert butyl alcohol
 Concen: 217.13 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

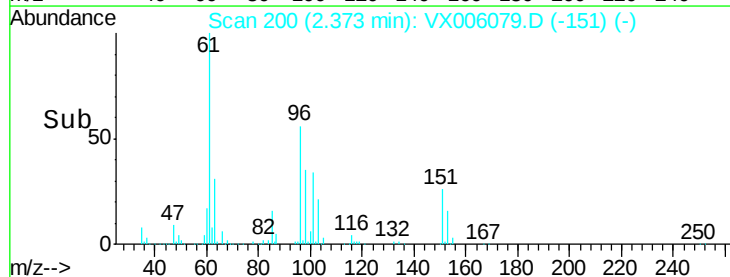
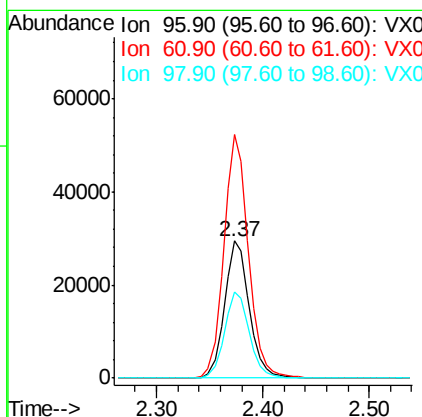
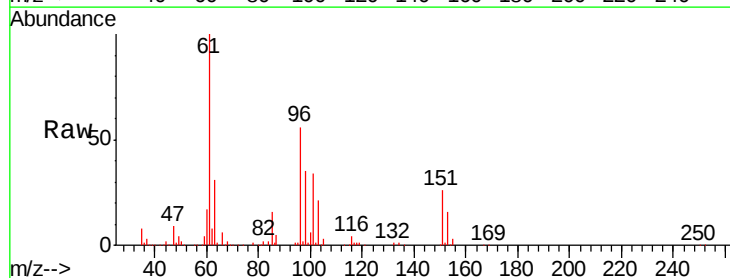
Tgt Ion: 59 Resp: 77541
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

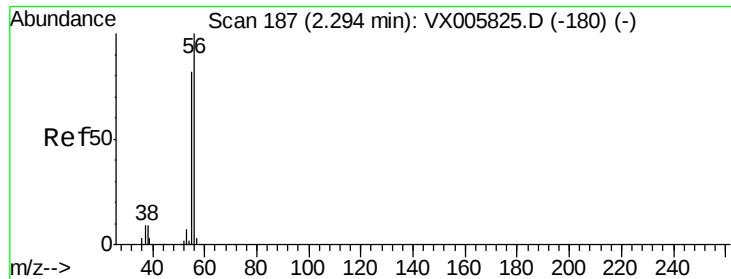


#12

1,1-Dichloroethene
 Concen: 49.93 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 96 Resp: 47854
 Ion Ratio Lower Upper
 96 100
 61 177.5 131.8 197.8
 98 62.9 53.4 80.2





#13

Acrolein

Concen: 253.63 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

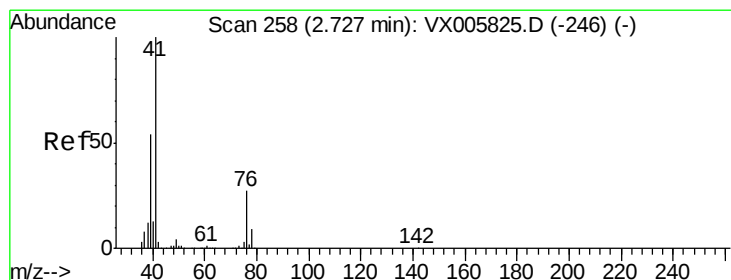
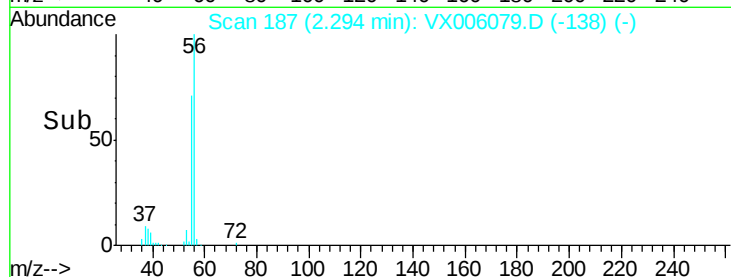
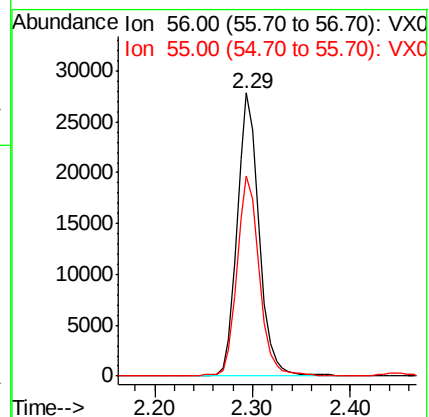
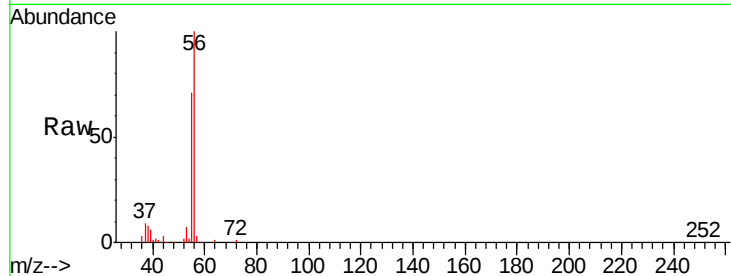
VSTDCCC050

Tgt Ion: 56 Resp: 43239

Ion Ratio Lower Upper

56 100

55 72.3 57.3 85.9



#14

Allyl chloride

Concen: 53.42 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

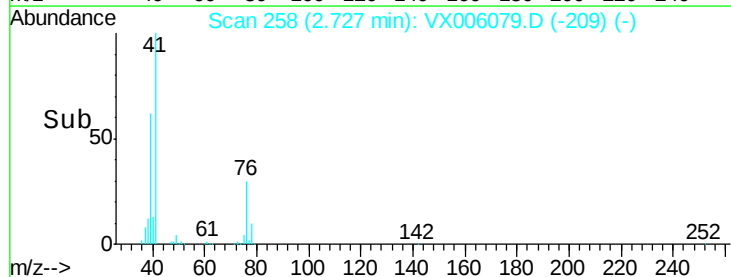
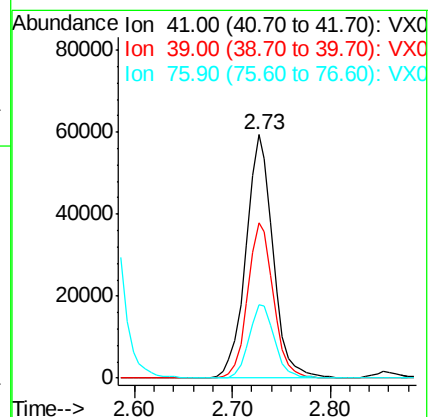
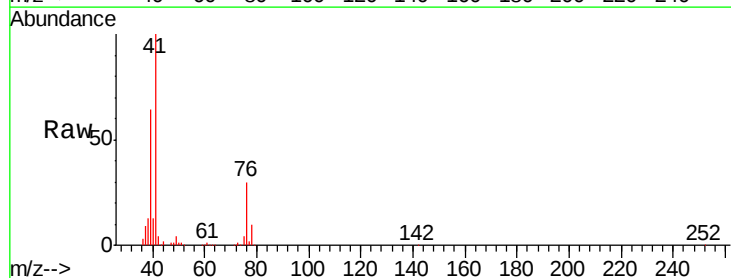
Tgt Ion: 41 Resp: 114349

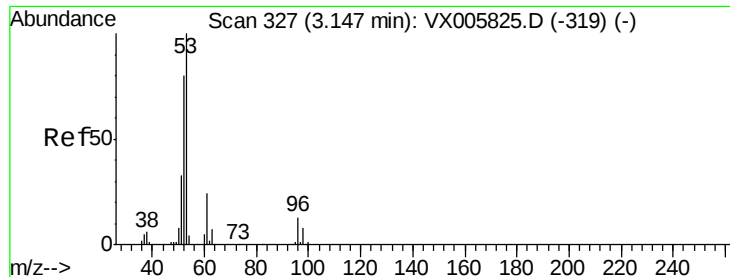
Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.4

76 28.5 21.9 32.9

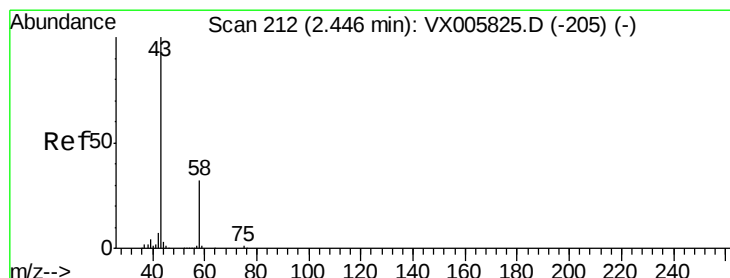
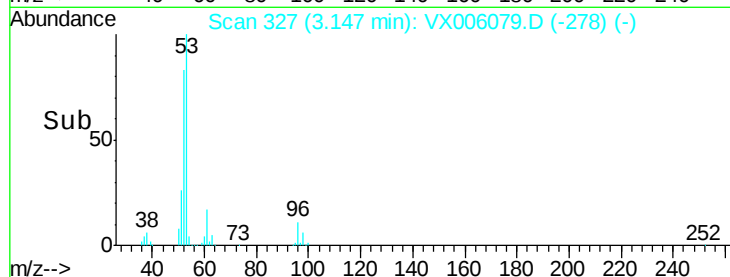
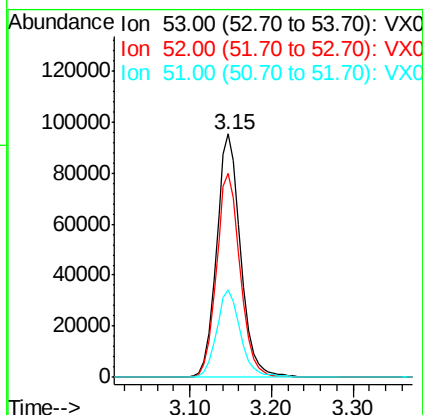
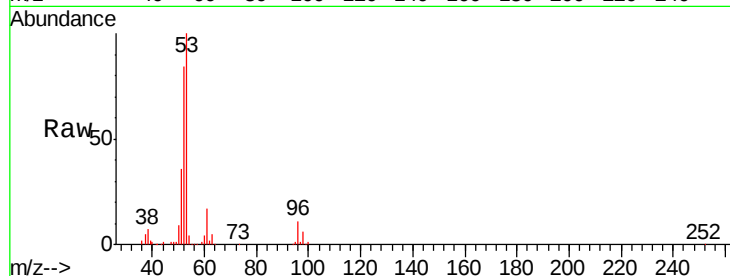




#15
 Acrylonitrile
 Concen: 263.21 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

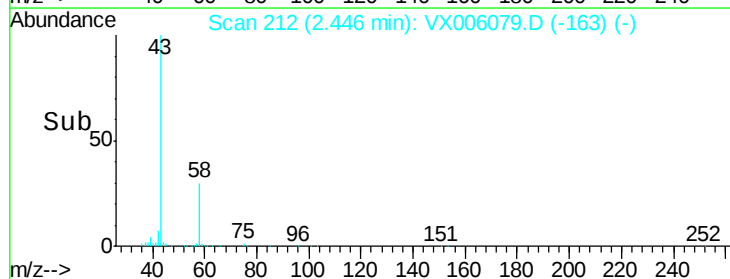
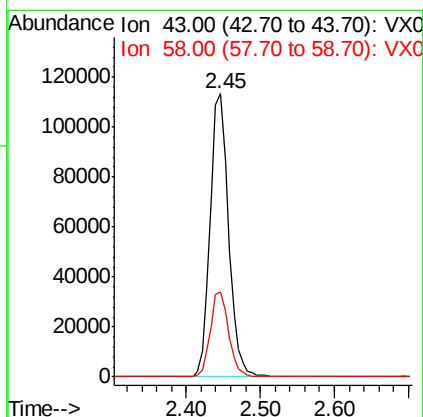
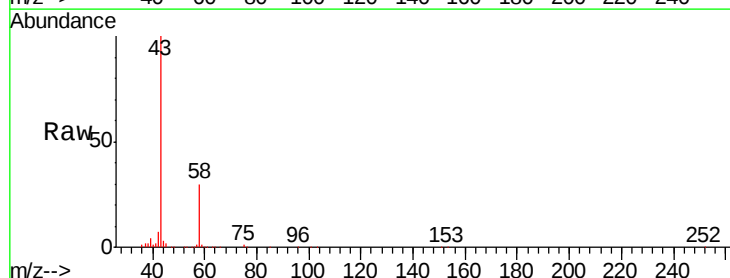
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

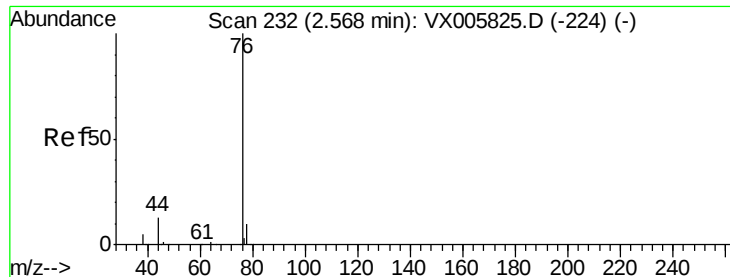
Tgt Ion: 53 Resp: 194800
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.6 99.8
 51 35.9 28.4 42.6



#16
 Acetone
 Concen: 286.01 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 43 Resp: 191975
 Ion Ratio Lower Upper
 43 100
 58 30.2 23.8 35.6

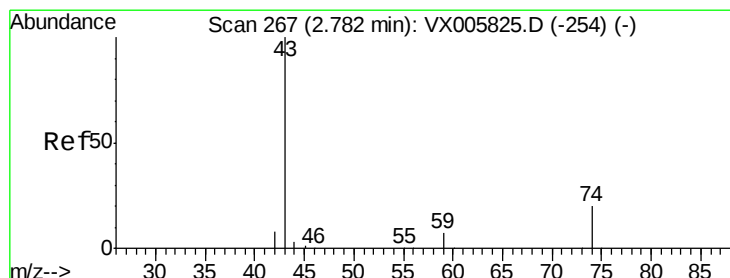
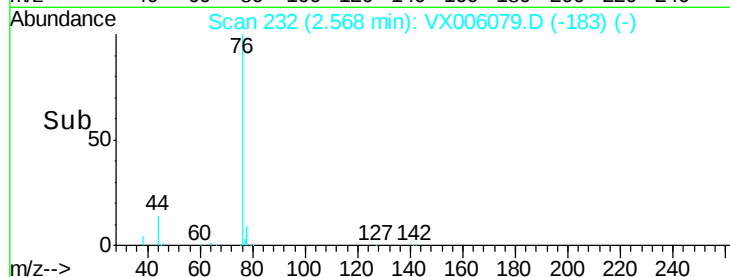
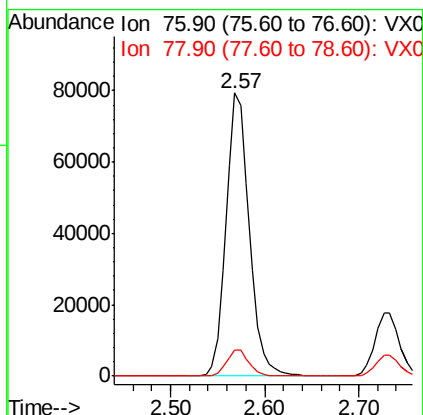
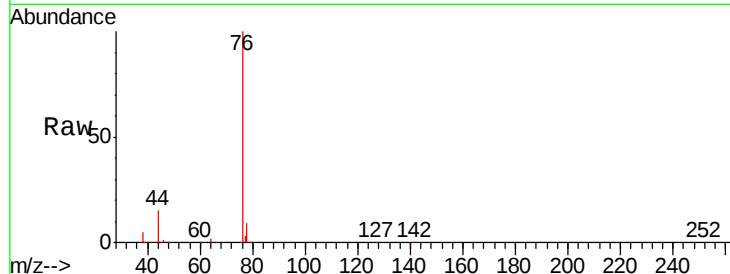




#17
Carbon Disulfide
Concen: 47.44 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

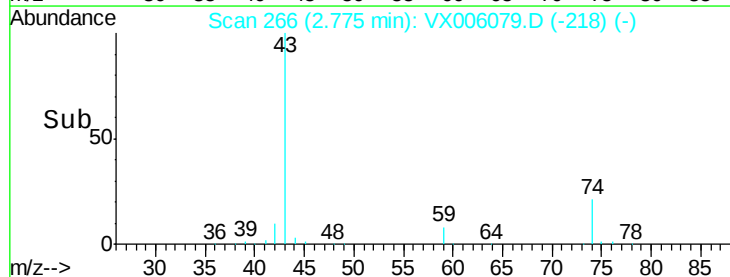
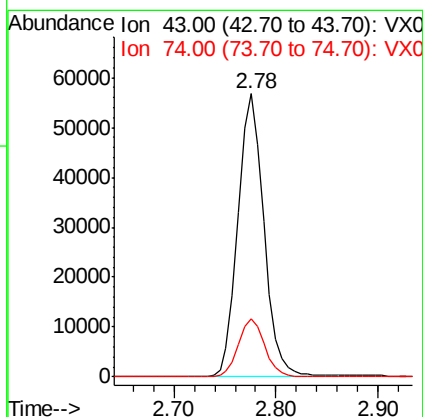
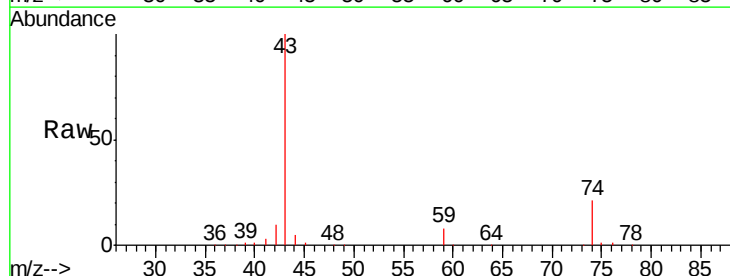
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

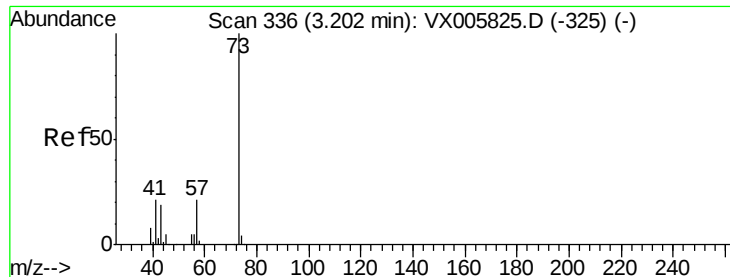
Tgt Ion: 76 Resp: 135616
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 55.88 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 43 Resp: 100208
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2

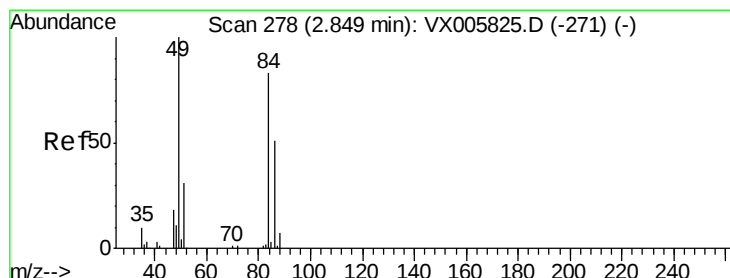
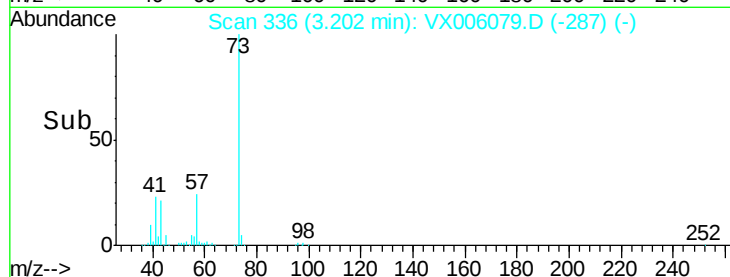
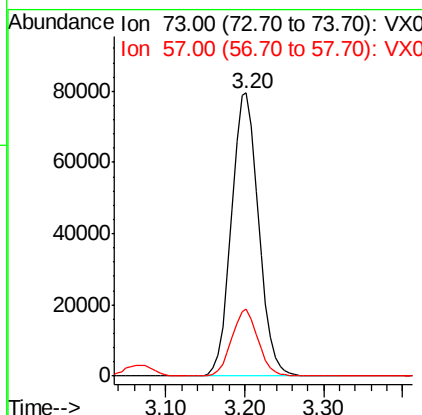
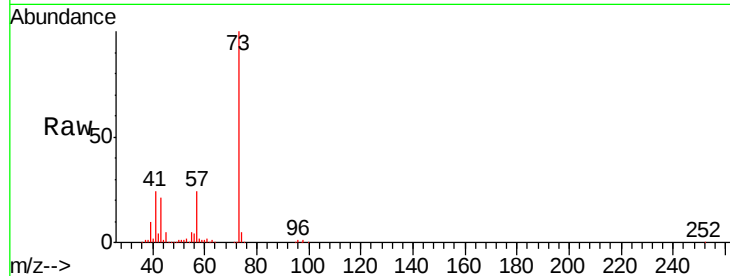




#19
Methyl tert-butyl Ether
Concen: 58.20 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

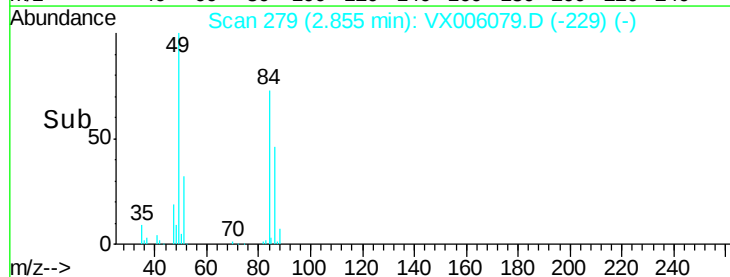
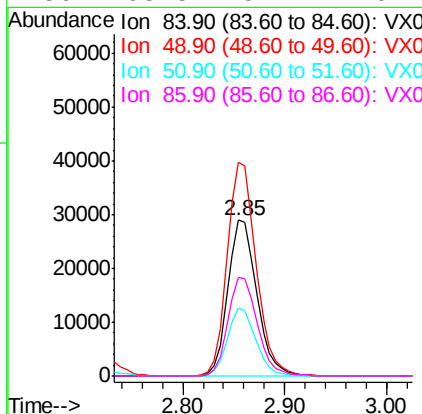
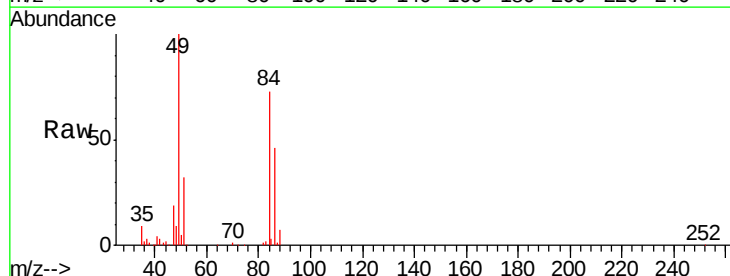
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

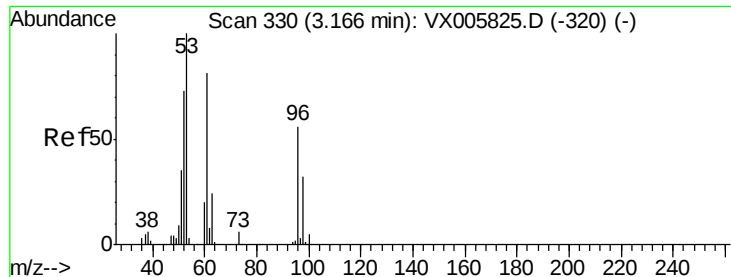
Tgt Ion: 73 Resp: 190392
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2



#20
Methylene Chloride
Concen: 51.56 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 84 Resp: 56848
Ion Ratio Lower Upper
84 100
49 137.3 109.5 164.3
51 43.4 33.3 49.9
86 63.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.47 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

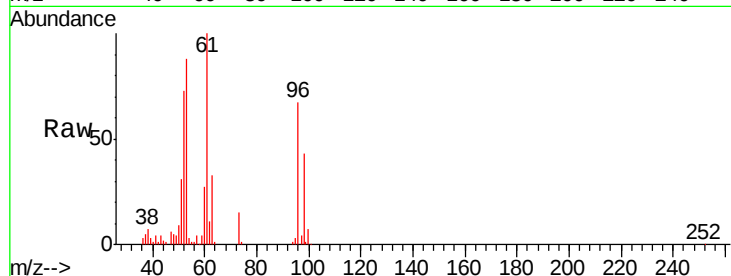
Tgt Ion: 96 Resp: 52039

Ion Ratio Lower Upper

96 100

61 149.6 115.6 173.4

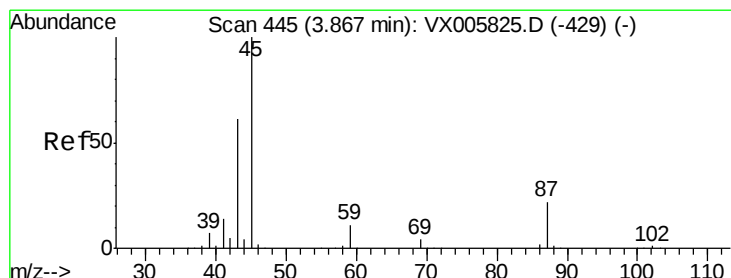
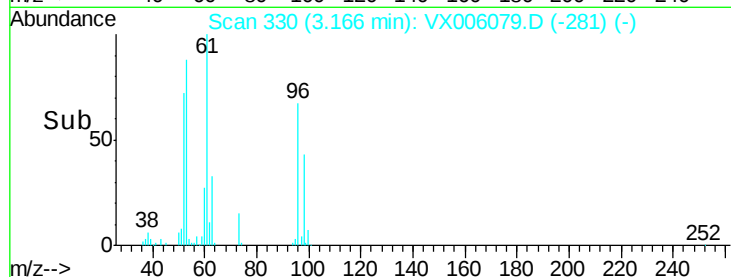
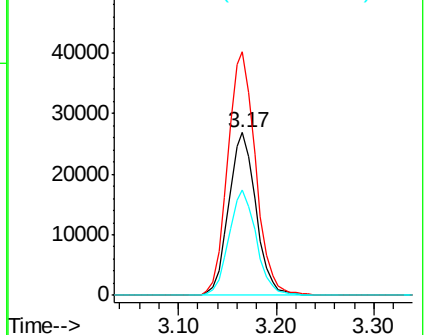
98 65.0 50.2 75.2



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



#22

Diisopropyl ether

Concen: 57.77 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion: 45 Resp: 216636

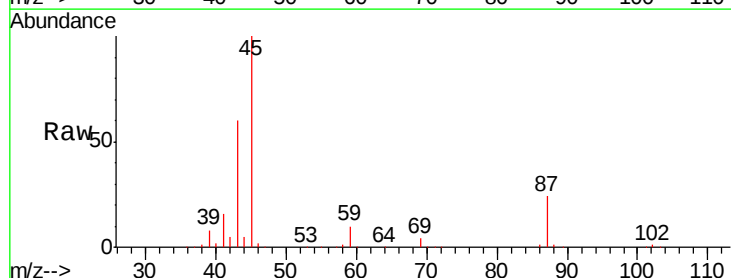
Ion Ratio Lower Upper

45 100

43 59.6 47.4 71.2

87 24.0 15.9 23.9#

59 10.5 7.7 11.5

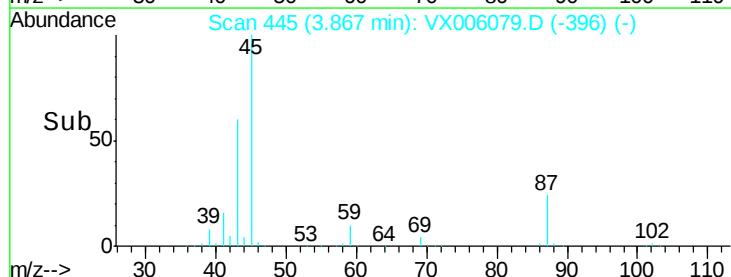
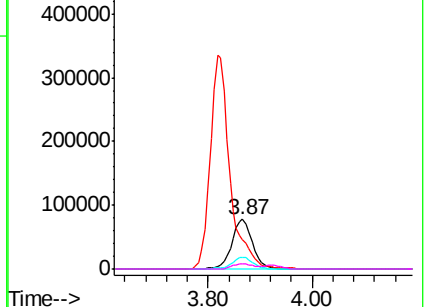


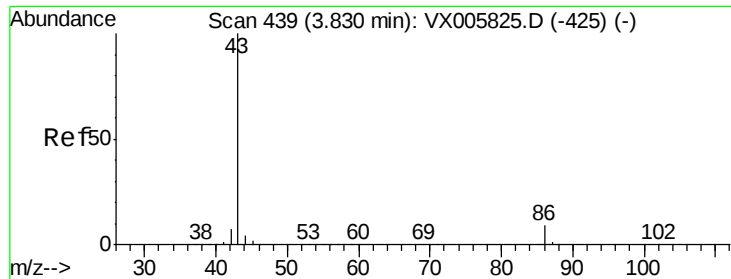
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 273.63 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

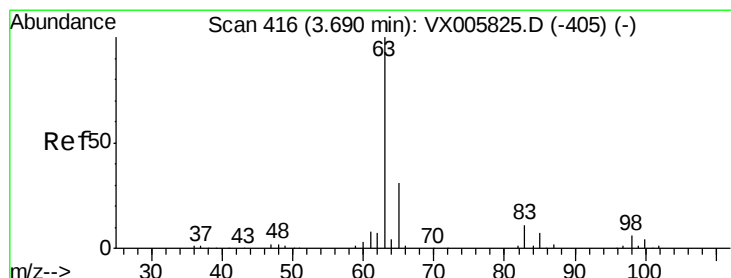
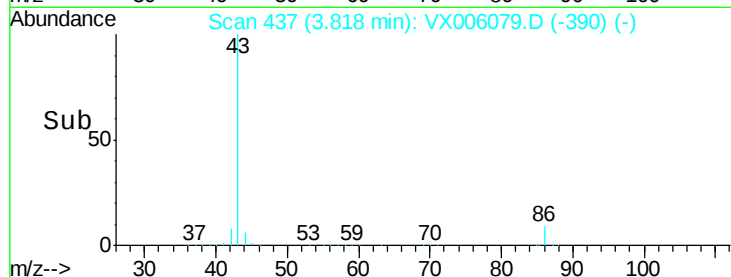
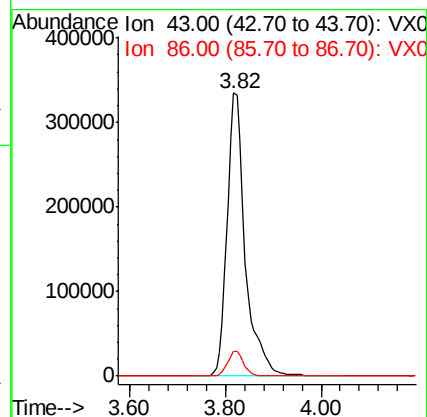
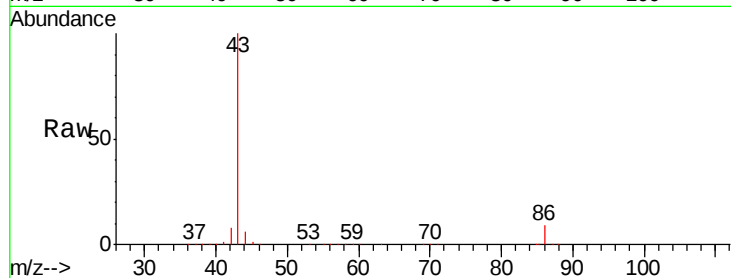
VSTDCCC050

Tgt Ion: 43 Resp: 879786

Ion Ratio Lower Upper

43 100

86 8.7 7.4 11.2



#24

1,1-Dichloroethane

Concen: 55.17 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

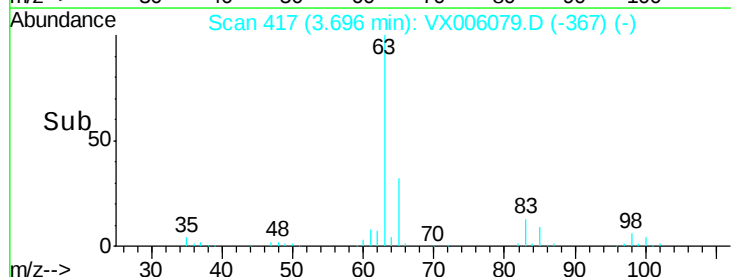
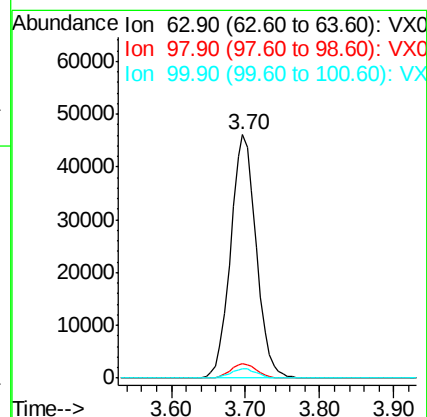
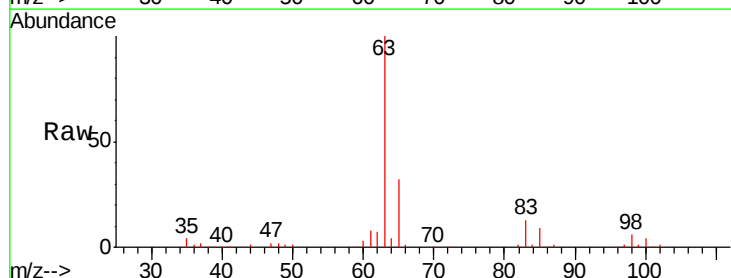
Tgt Ion: 63 Resp: 110371

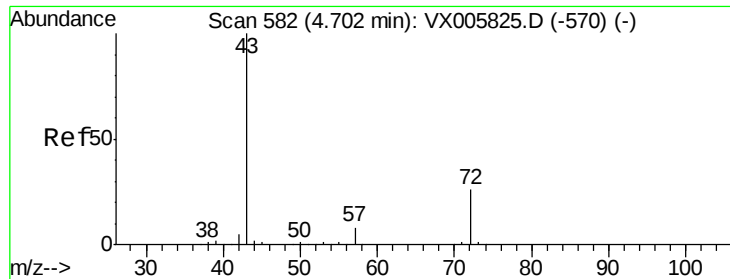
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.9 2.1 6.2





#25

2-Butanone

Concen: 240.00 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

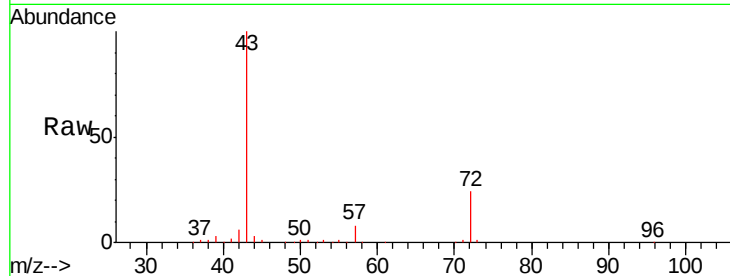
VSTDCCC050

Tgt Ion: 43 Resp: 253261

Ion Ratio Lower Upper

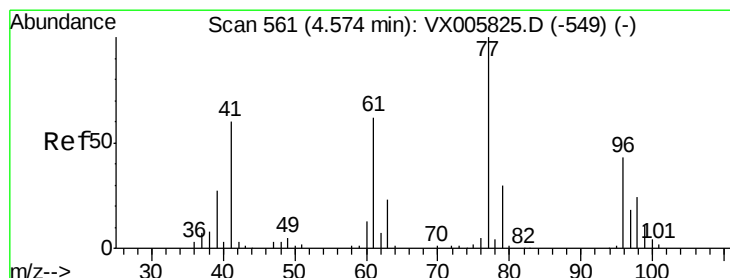
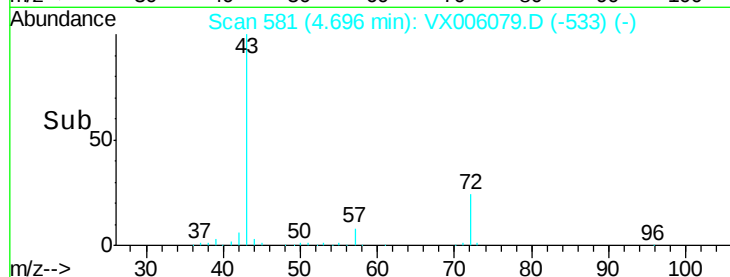
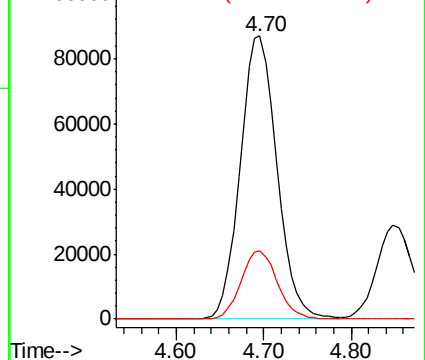
43 100

72 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX005825.D (-570) (-)



#26

2,2-Dichloropropane

Concen: 55.78 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006079.D

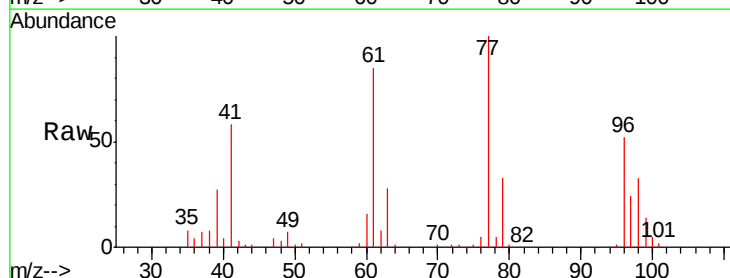
Acq: 19 Nov 2018 09:39

Tgt Ion: 77 Resp: 81861

Ion Ratio Lower Upper

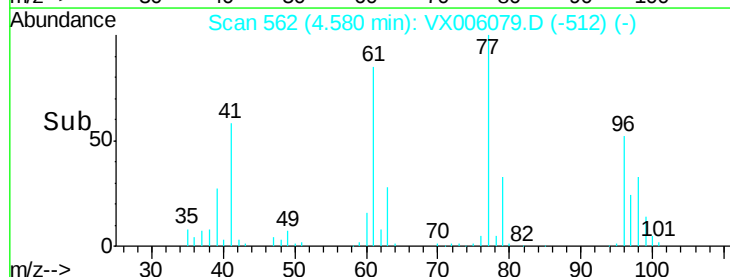
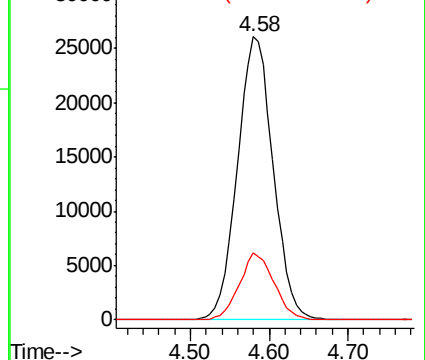
77 100

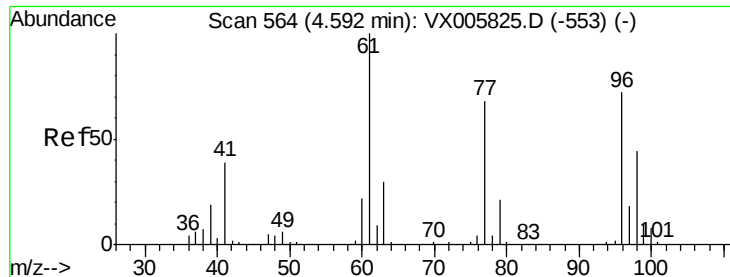
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005825.D (-549) (-)

Ion 96.90 (96.60 to 97.60): VX005825.D (-549) (-)





#27

cis-1,2-Dichloroethene

Concen: 49.97 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

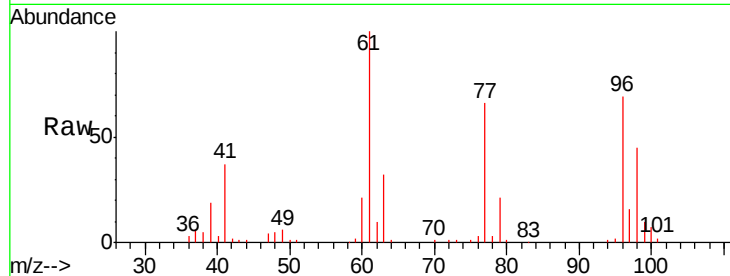
Tgt Ion: 96 Resp: 55776

Ion Ratio Lower Upper

96 100

61 152.6 0.0 304.6

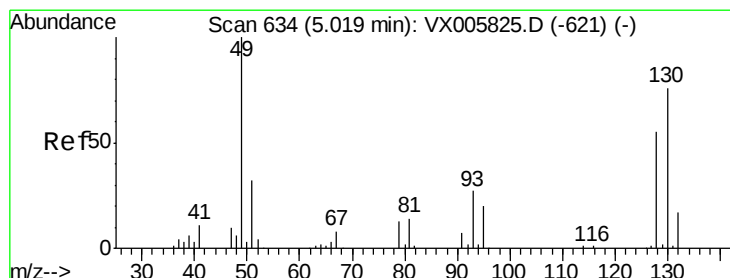
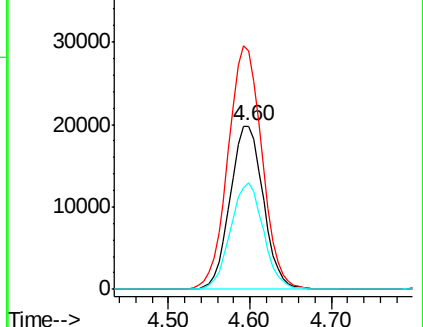
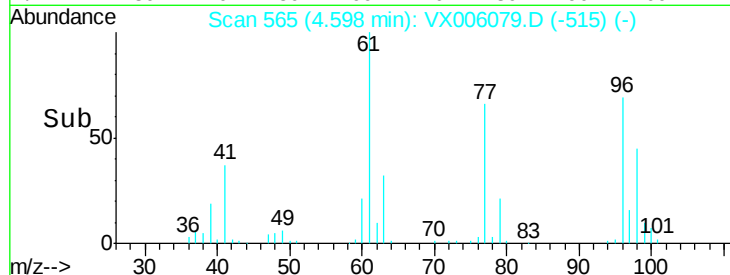
98 64.4 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.20 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

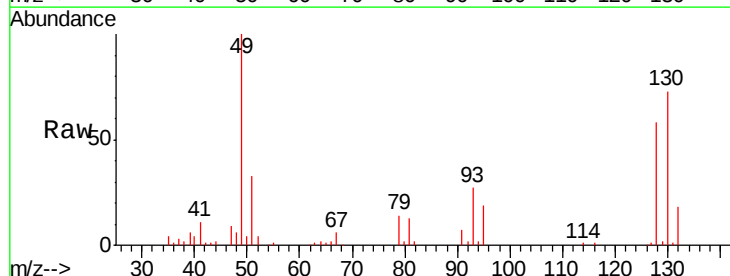
Tgt Ion: 49 Resp: 49361

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

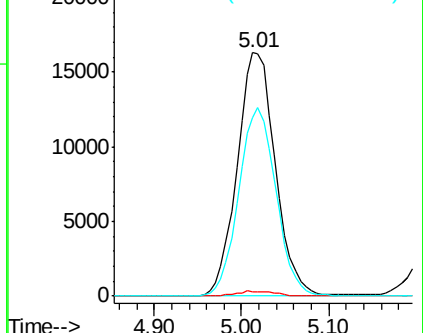
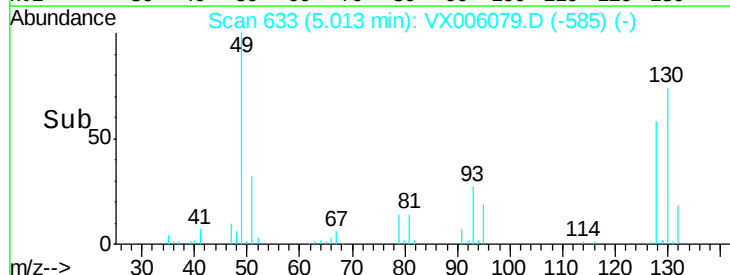
130 75.7 58.9 88.3

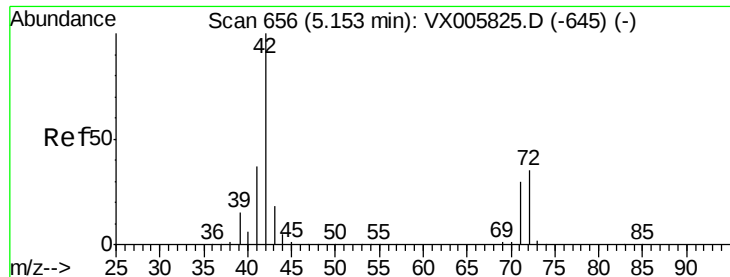


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

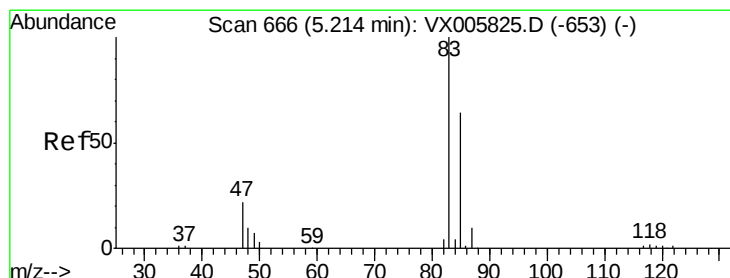
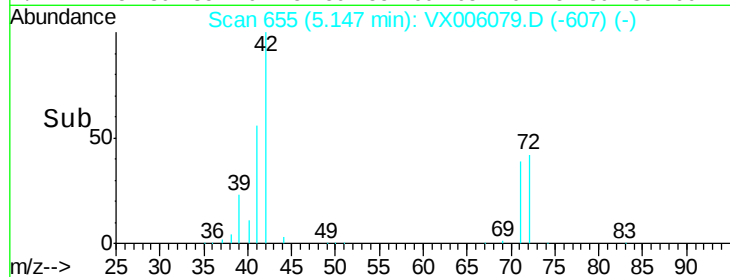
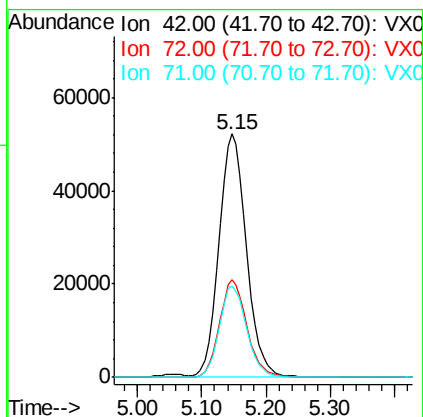
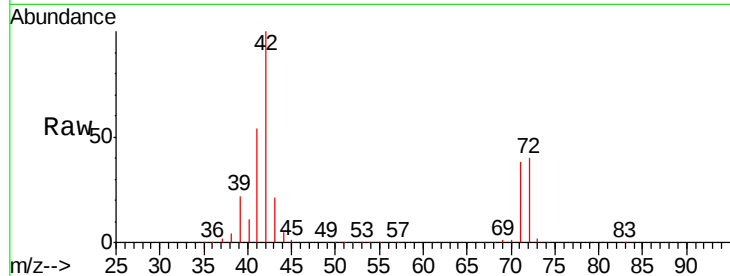




#29
Tetrahydrofuran
Concen: 230.56 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

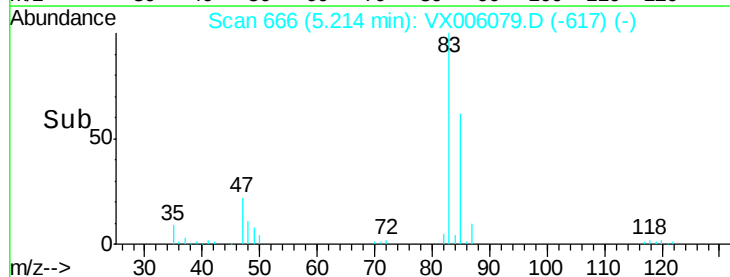
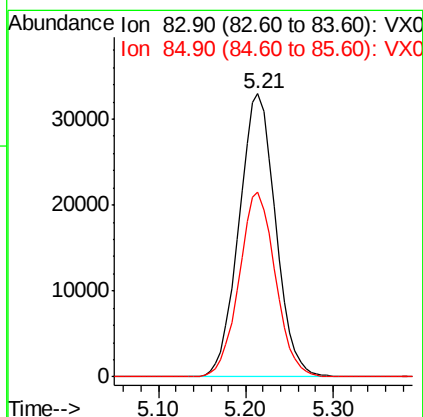
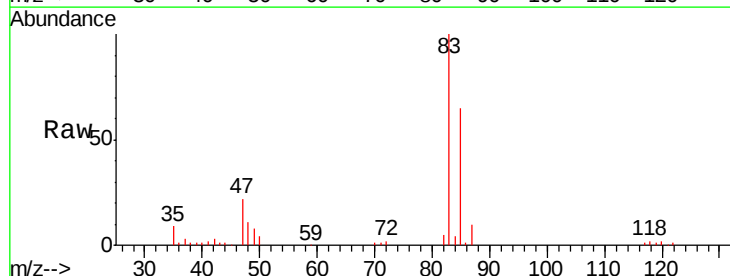
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

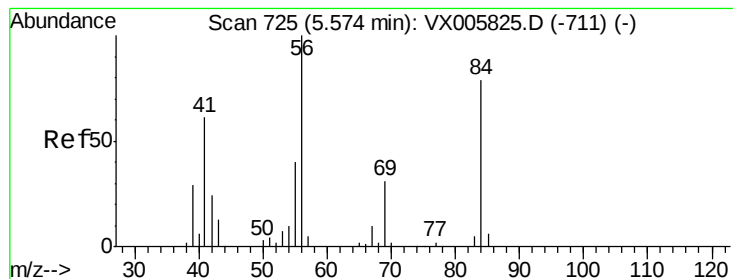
Tgt Ion: 42 Resp: 156222
Ion Ratio Lower Upper
42 100
72 40.1 32.0 48.0
71 37.7 29.8 44.8



#30
Chloroform
Concen: 49.70 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 83 Resp: 95932
Ion Ratio Lower Upper
83 100
85 65.3 50.6 76.0





#31

Cyclohexane

Concen: 45.59 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

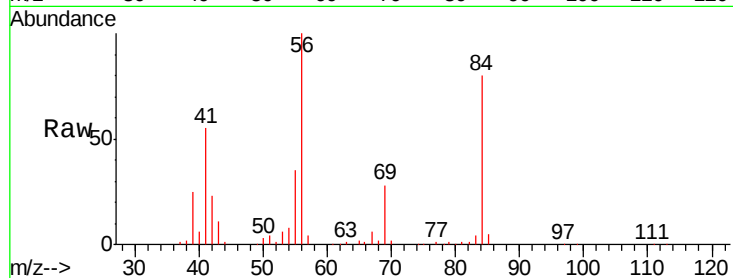
Tgt Ion: 56 Resp: 79169

Ion Ratio Lower Upper

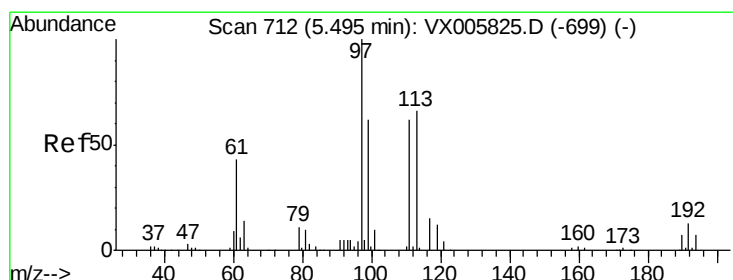
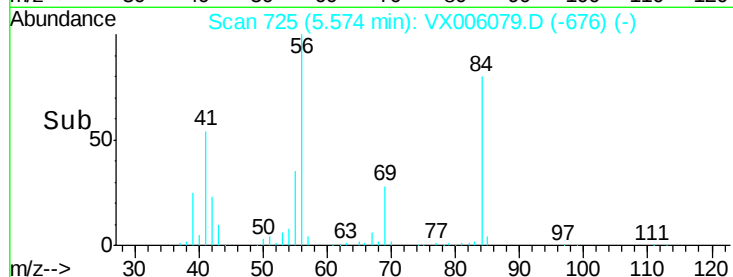
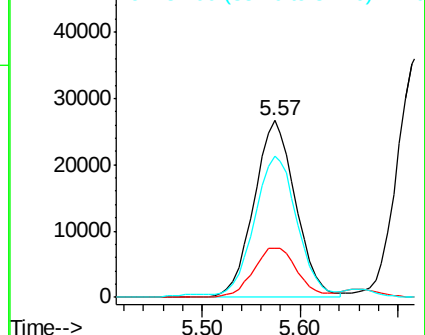
56 100

69 28.1 22.6 34.0

84 78.2 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 52.48 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

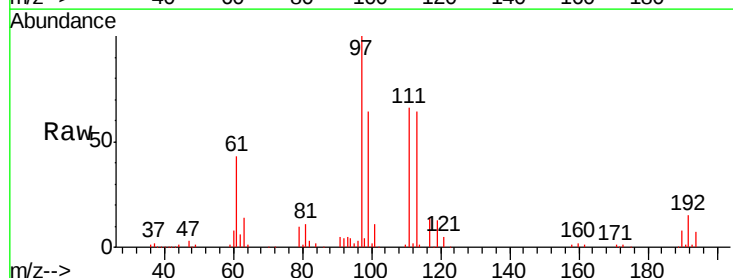
Tgt Ion: 97 Resp: 84496

Ion Ratio Lower Upper

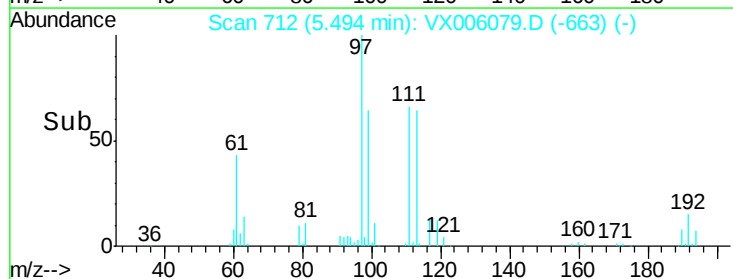
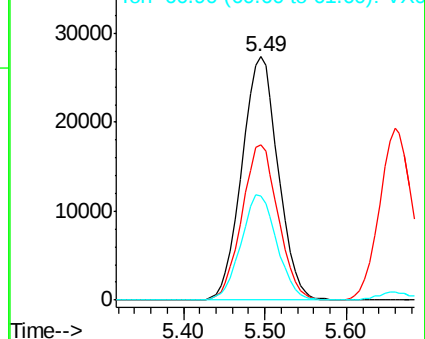
97 100

99 63.9 52.3 78.5

61 43.2 35.2 52.8



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

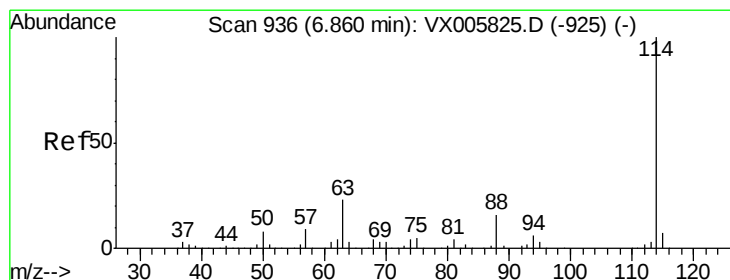
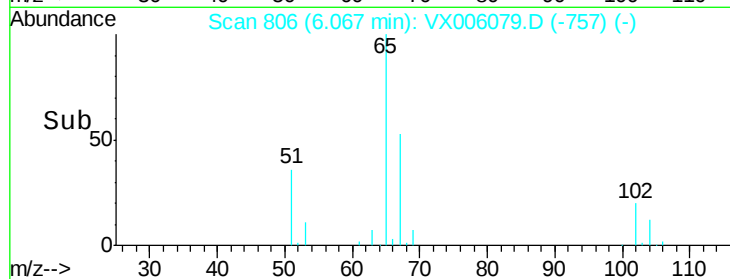
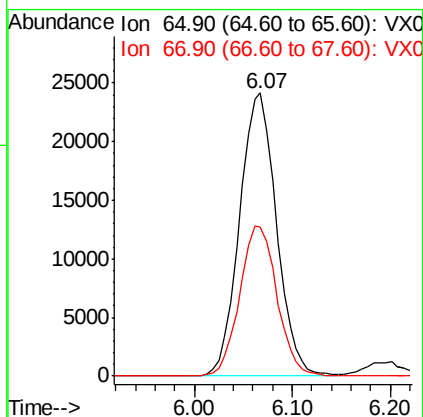
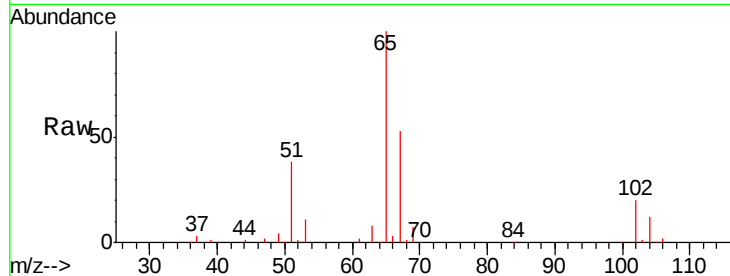




#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

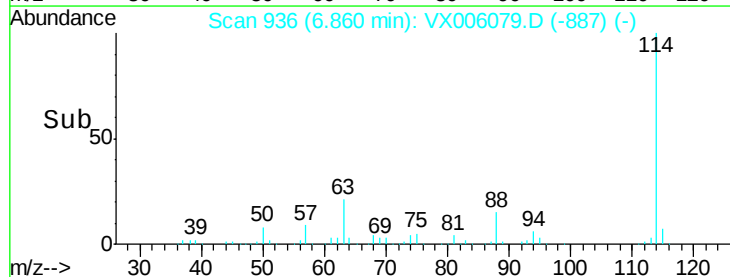
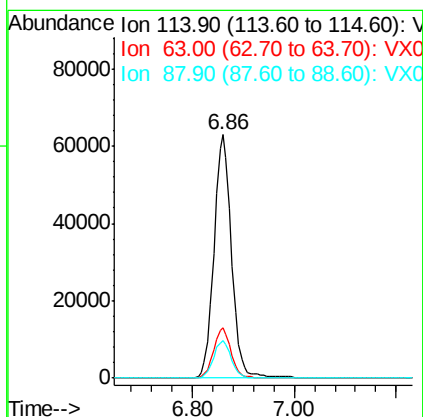
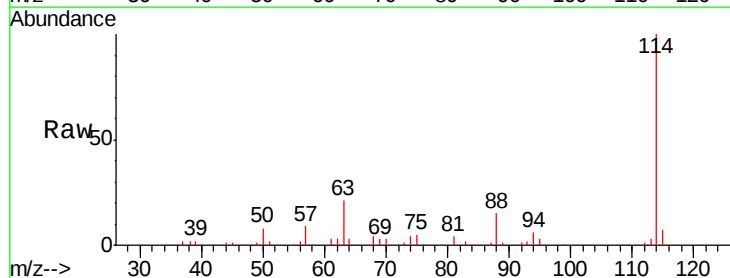
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 63324
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 114 Resp: 150440
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.88 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

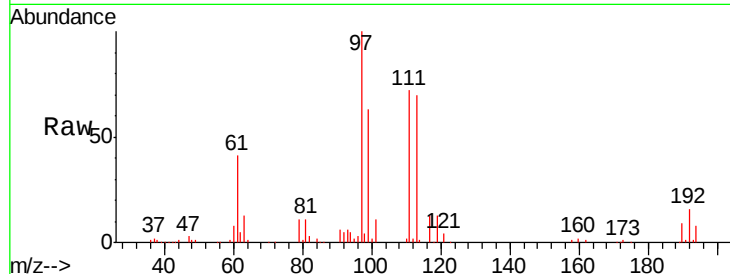
Tgt Ion:113 Resp: 52058

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

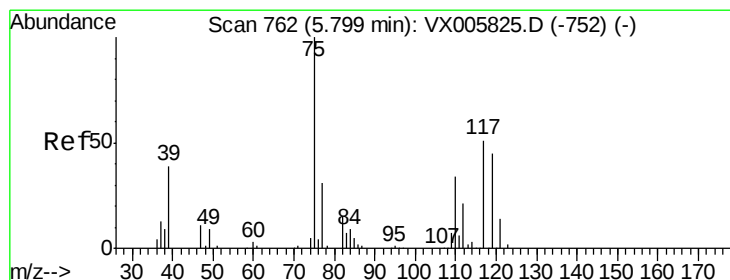
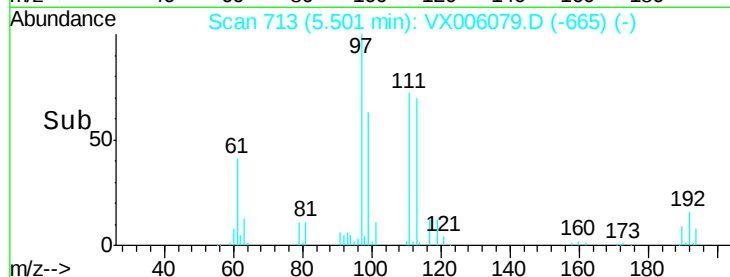
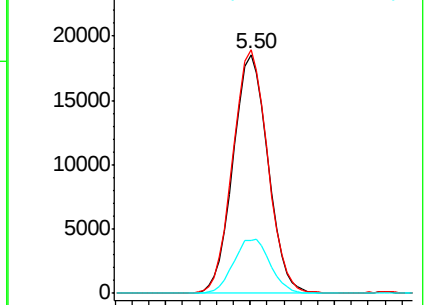
192 23.7 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.34 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

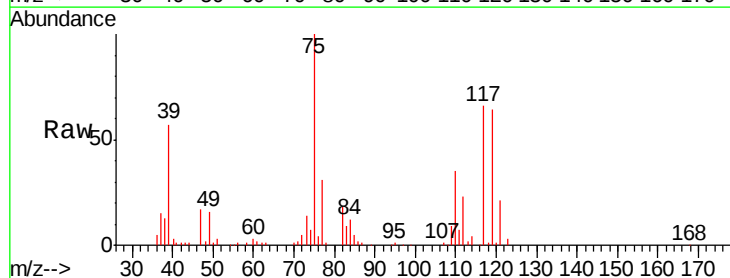
Tgt Ion: 75 Resp: 68663

Ion Ratio Lower Upper

75 100

110 36.2 17.4 52.2

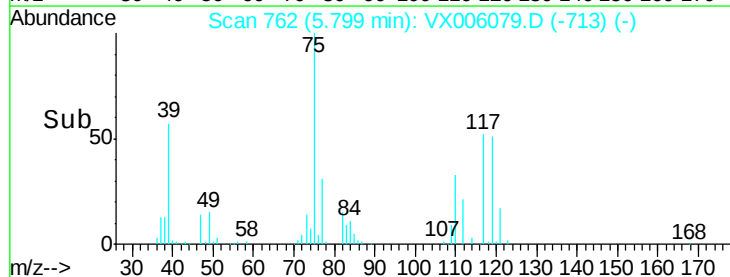
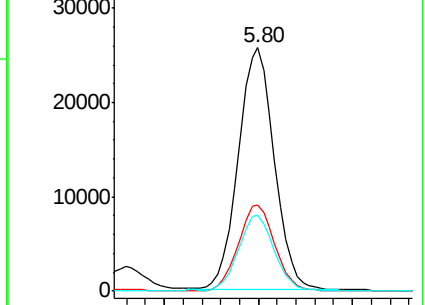
77 30.8 25.8 38.6

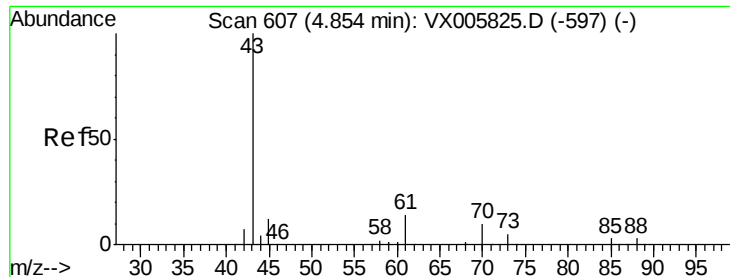


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

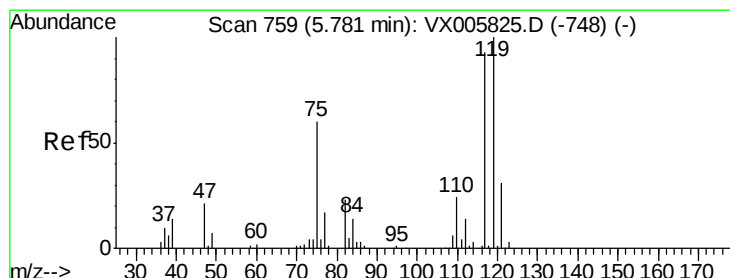
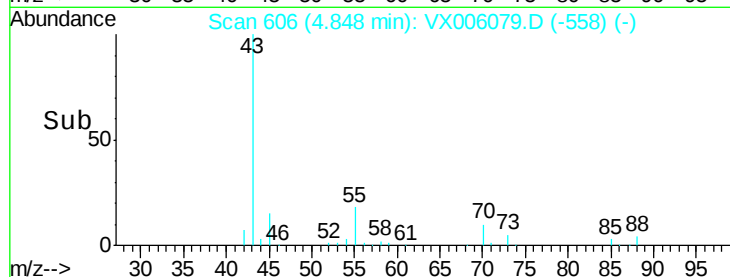
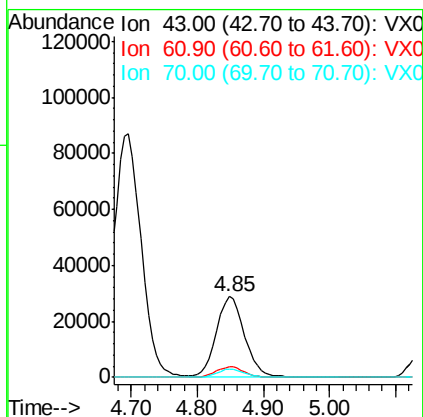
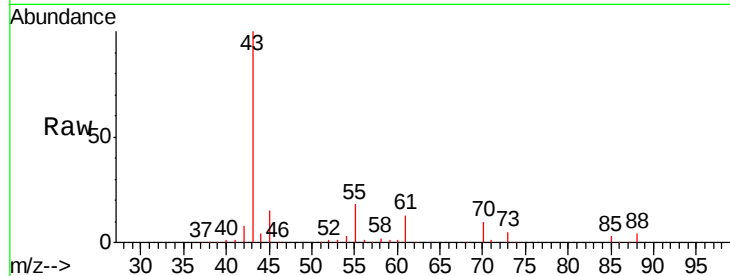




#37
Ethyl Acetate
Concen: 44.79 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

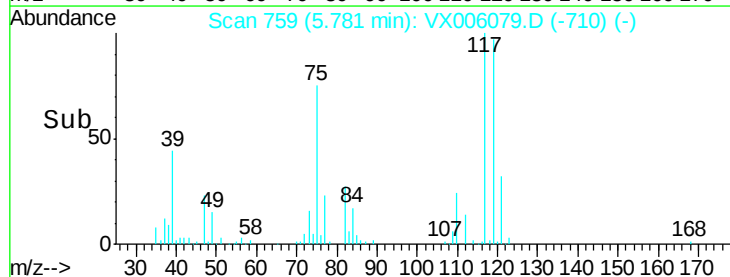
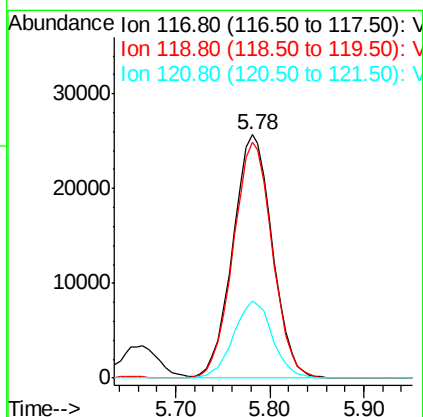
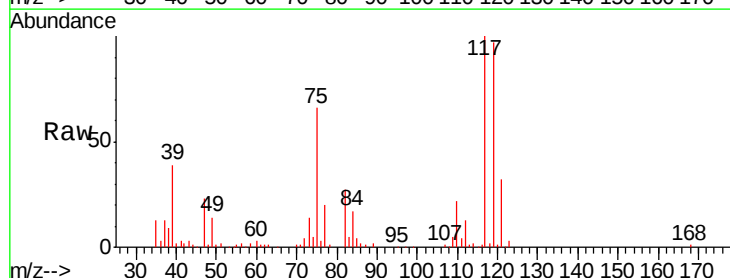
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 85421
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.79 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 117 Resp: 75191
Ion Ratio Lower Upper
117 100
119 96.8 78.1 117.1
121 31.6 24.6 36.8

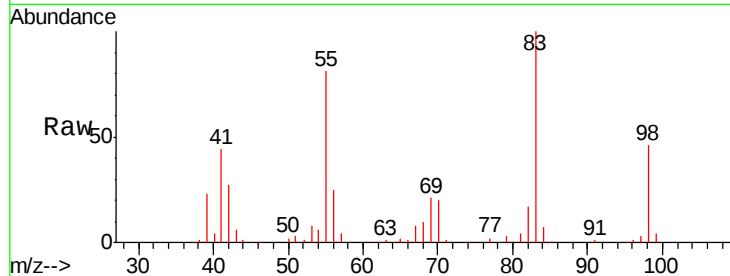




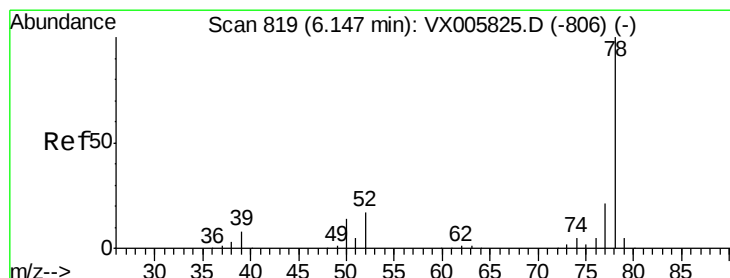
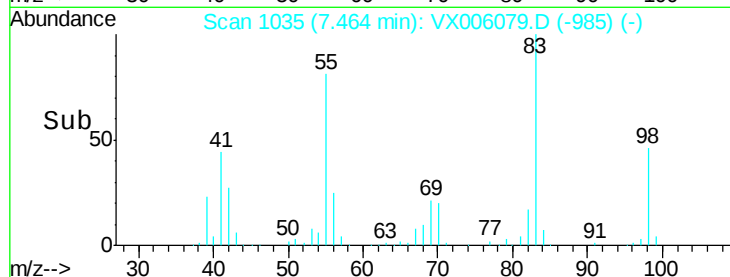
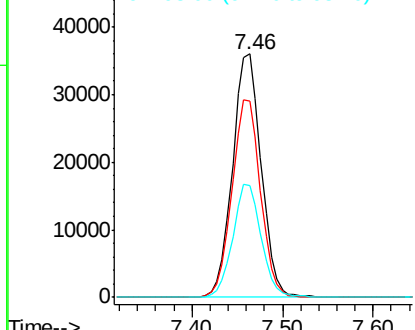
#39
Methylcyclohexane
Concen: 53.79 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 79063
Ion Ratio Lower Upper
83 100
55 80.7 63.7 95.5
98 46.1 36.2 54.2

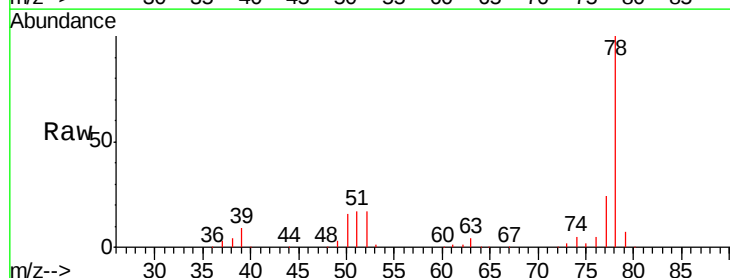


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

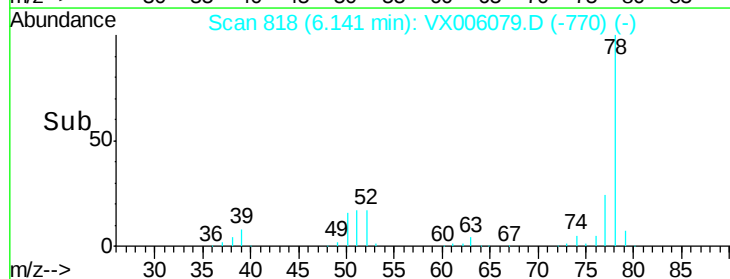
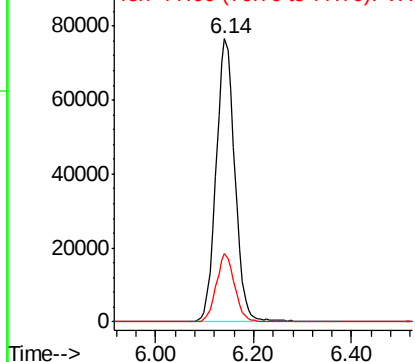


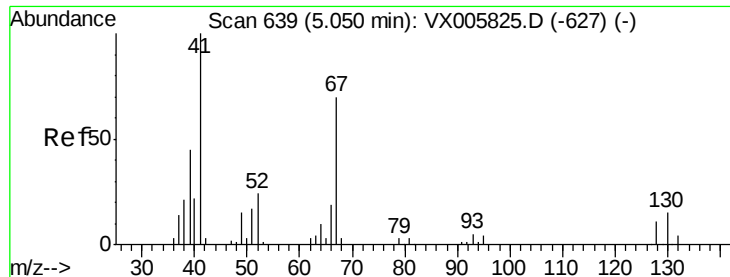
#40
Benzene
Concen: 48.24 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 78 Resp: 203955
Ion Ratio Lower Upper
78 100
77 24.0 18.4 27.6



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





#41

Methacrylonitrile

Concen: 49.65 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 51162

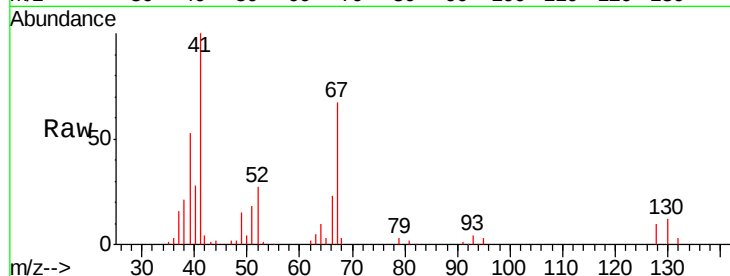
Ion Ratio Lower Upper

41 100

39 52.9 42.2 63.2

67 65.9 53.4 80.0

52 27.5 23.4 35.2

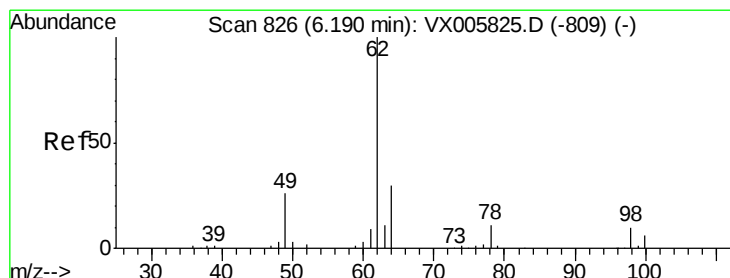
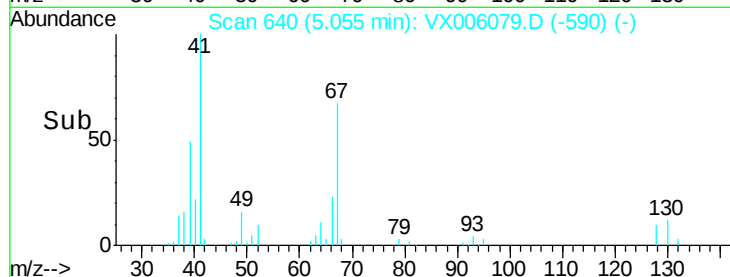
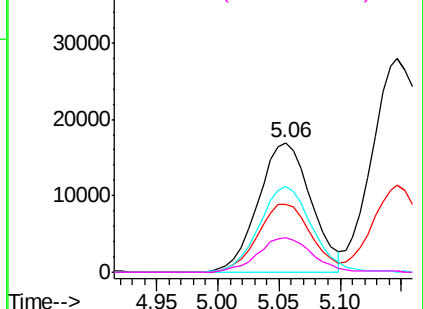


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.46 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX006079.D

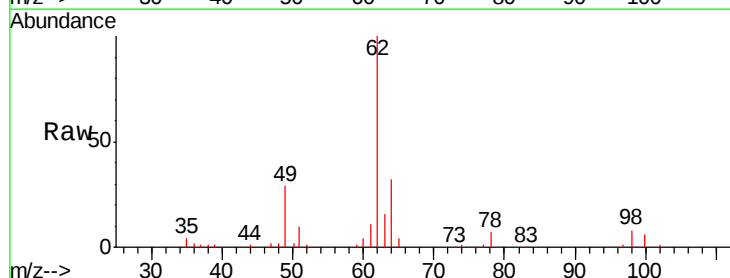
Acq: 19 Nov 2018 09:39

Tgt Ion: 62 Resp: 76408

Ion Ratio Lower Upper

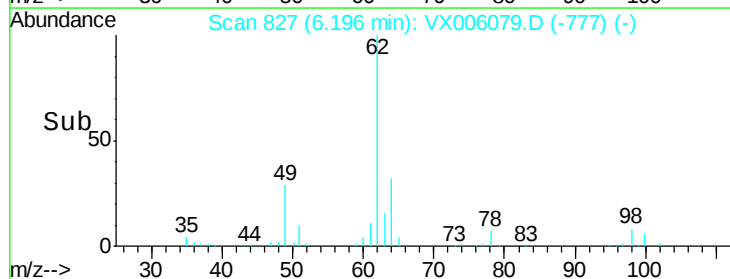
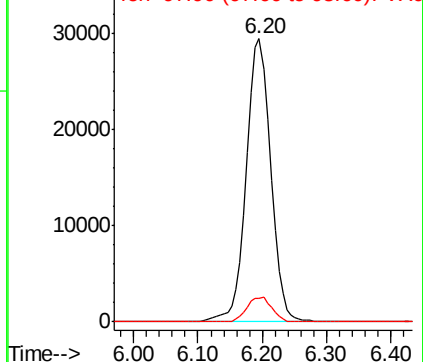
62 100

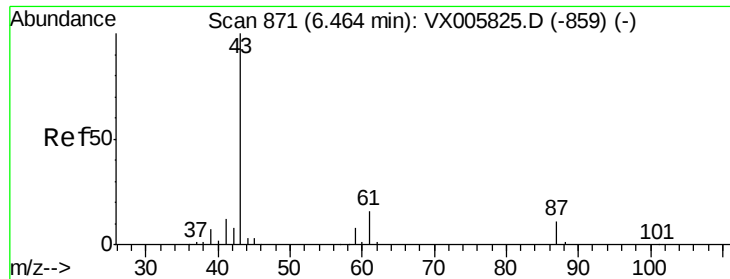
98 8.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.04 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

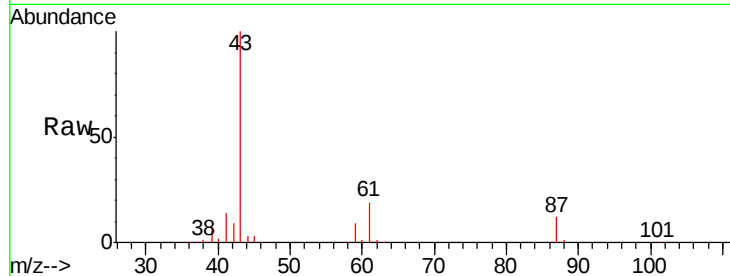
Tgt Ion: 43 Resp: 132761

Ion Ratio Lower Upper

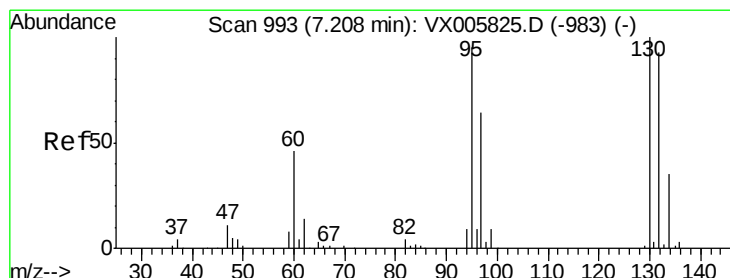
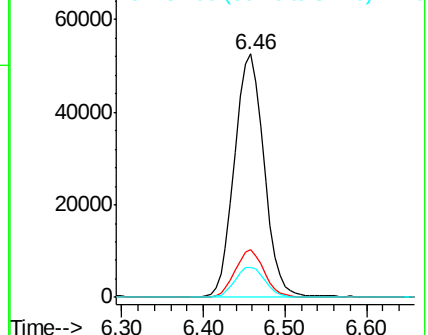
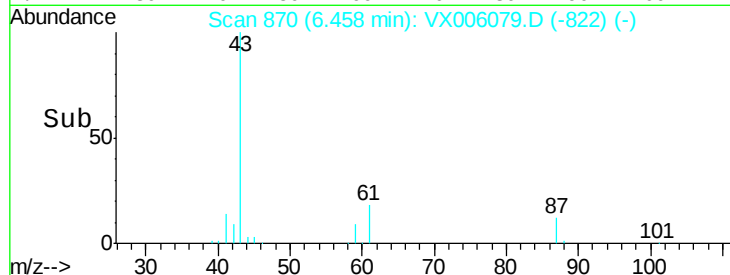
43 100

61 19.1 14.6 22.0

87 12.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX006079.D (-822) (-)



#44

Trichloroethene

Concen: 53.57 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX006079.D

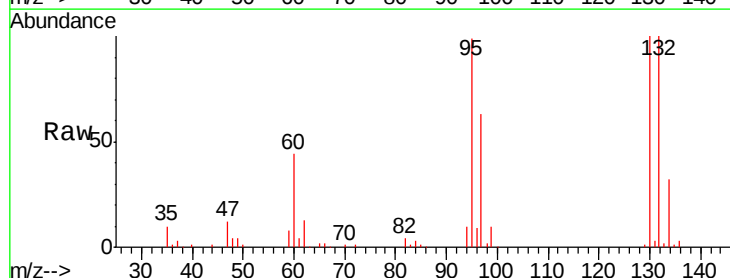
Acq: 19 Nov 2018 09:39

Tgt Ion: 130 Resp: 57520

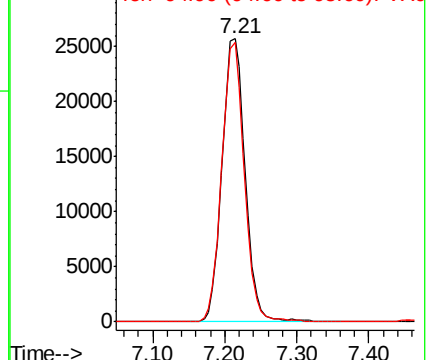
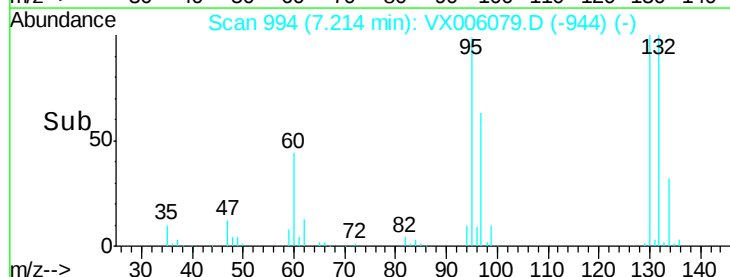
Ion Ratio Lower Upper

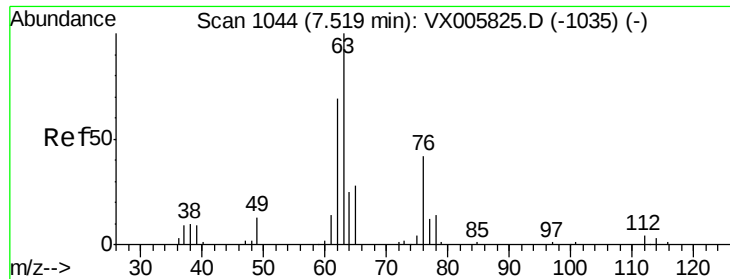
130 100

95 98.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX006079.D (-944) (-)





#45

1,2-Dichloropropane

Concen: 55.81 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

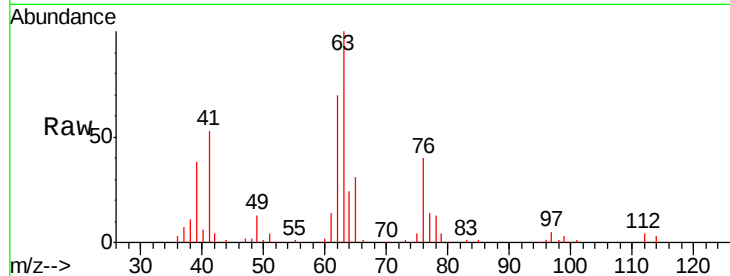
VSTDCCC050

Tgt Ion: 63 Resp: 57269

Ion Ratio Lower Upper

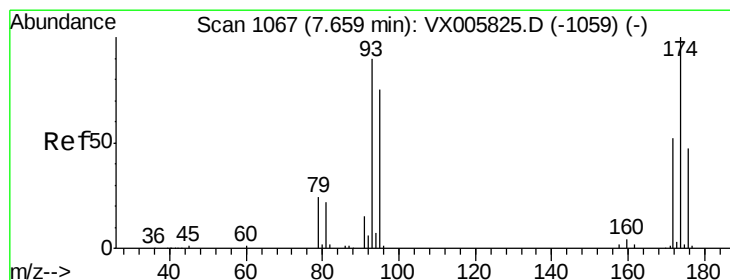
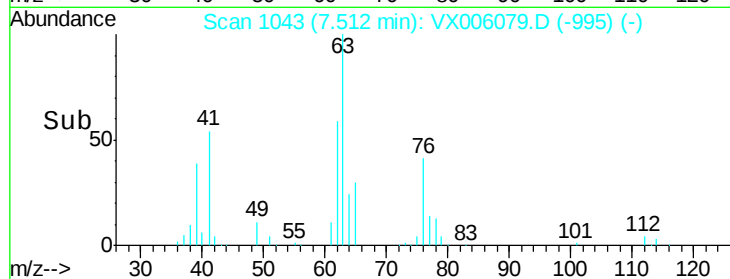
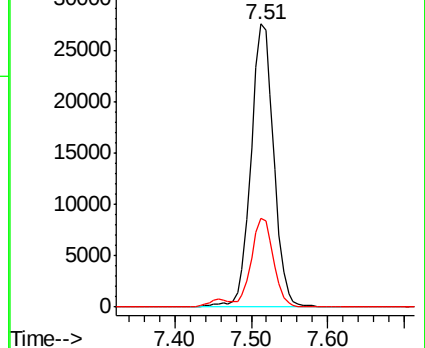
63 100

65 31.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 56.59 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

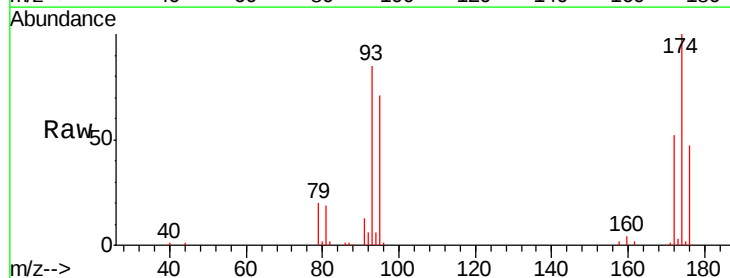
Tgt Ion: 93 Resp: 36439

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

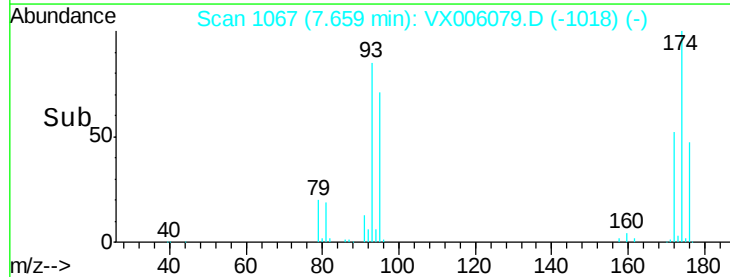
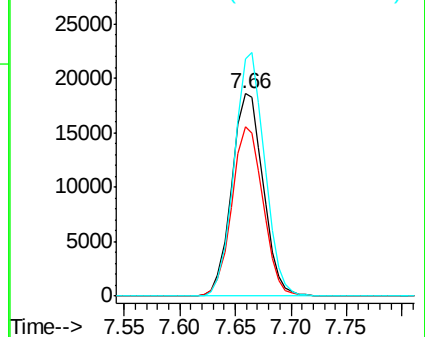
174 116.6 91.5 137.3

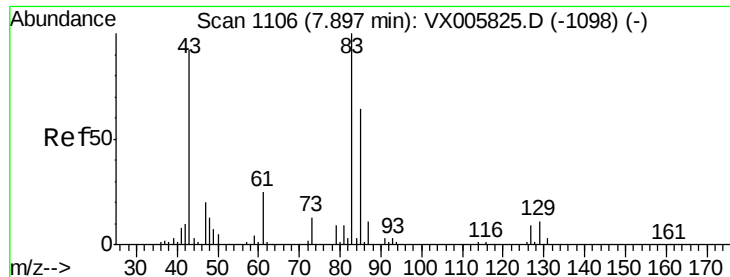


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 63.31 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

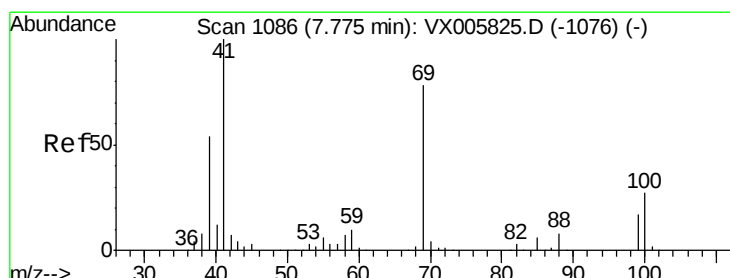
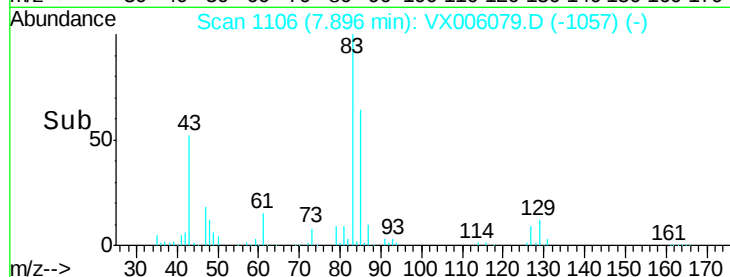
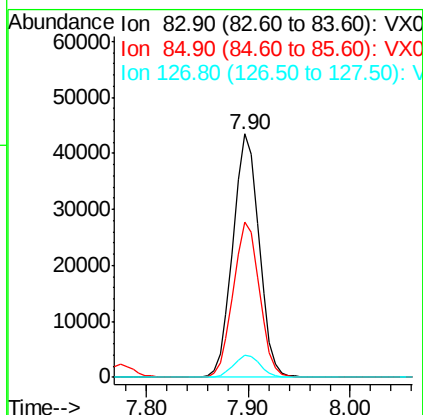
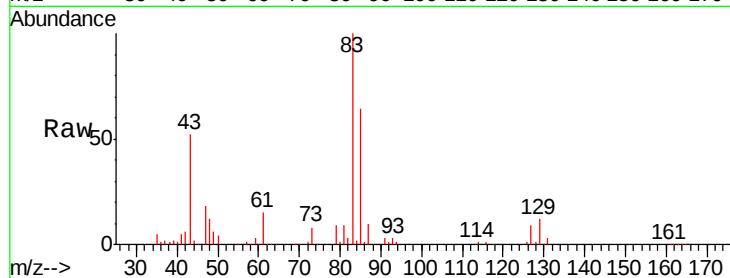
Tgt Ion: 83 Resp: 77043

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

127 9.1 6.9 10.3



#48

Methyl methacrylate

Concen: 54.84 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

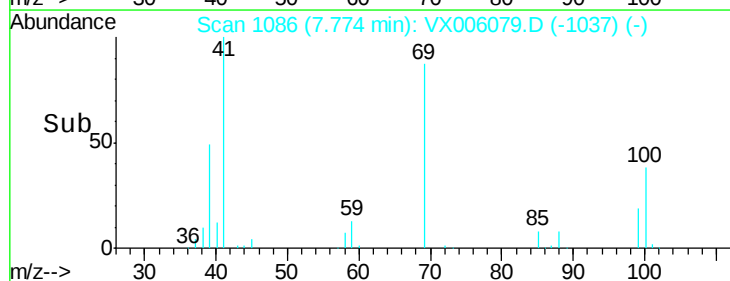
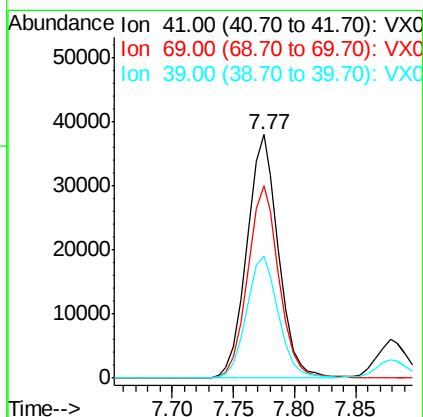
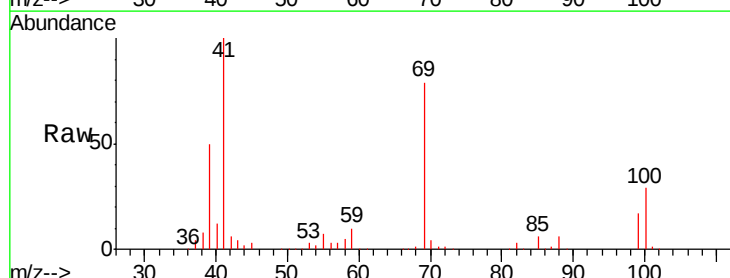
Tgt Ion: 41 Resp: 68048

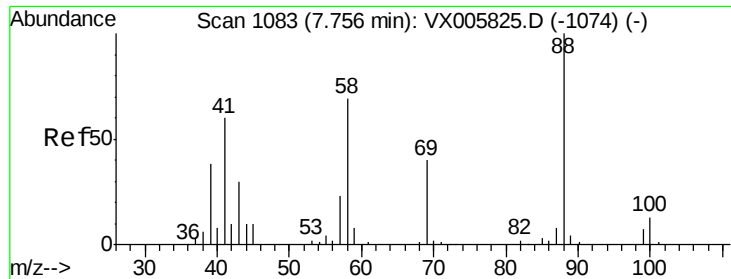
Ion Ratio Lower Upper

41 100

69 79.1 63.2 94.8

39 51.0 42.2 63.2

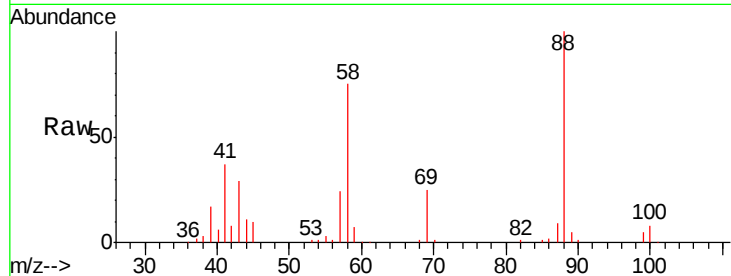




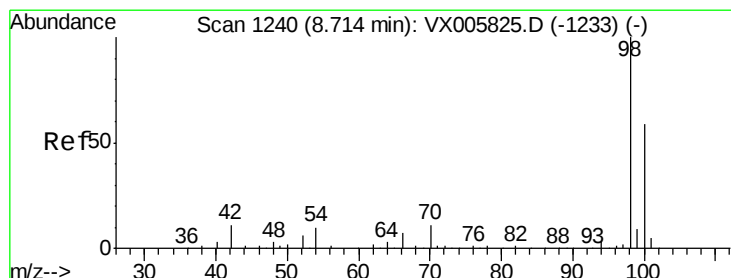
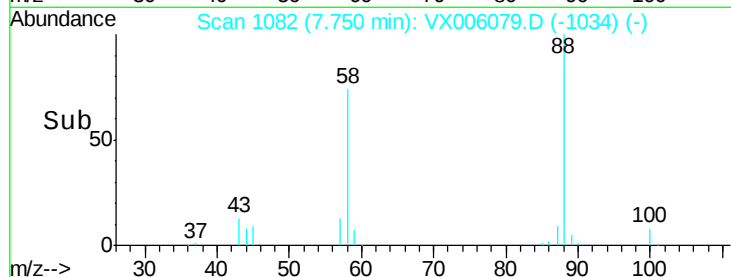
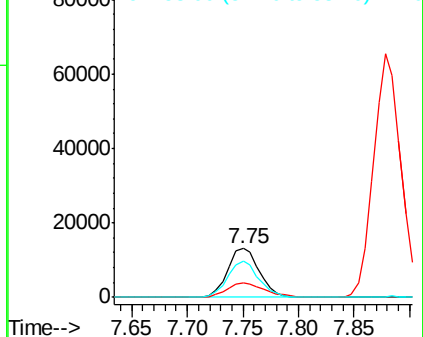
#49
1,4-Dioxane
Concen: 968.45 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 25895
Ion Ratio Lower Upper
88 100
43 34.8 27.4 41.0
58 73.3 59.4 89.2

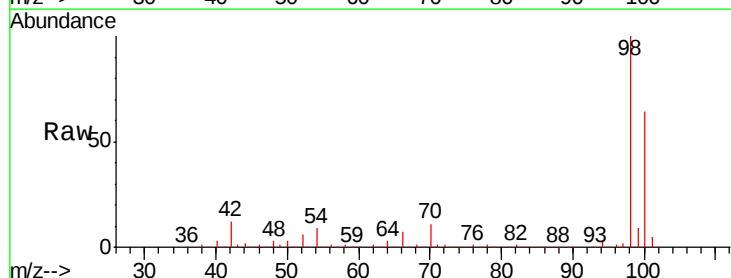


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

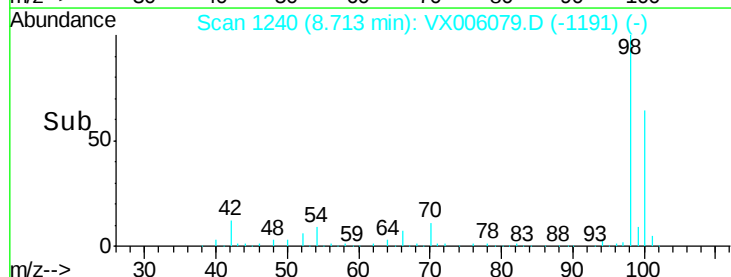
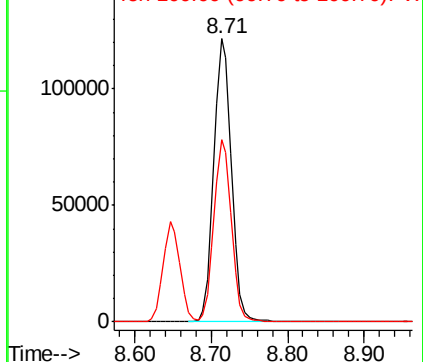


#50
Toluene-d8
Concen: 57.09 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 98 Resp: 194216
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



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

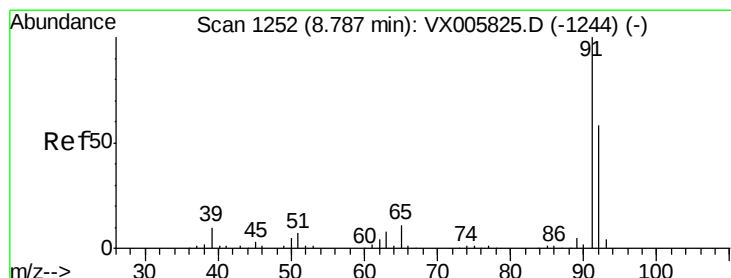
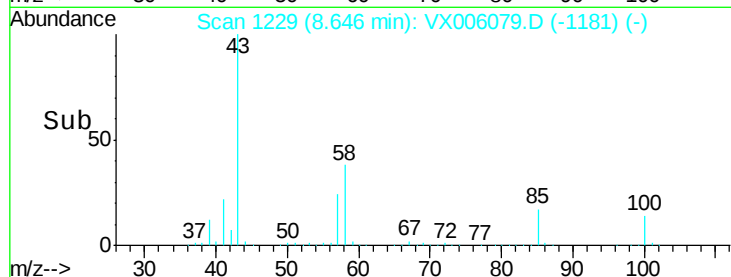
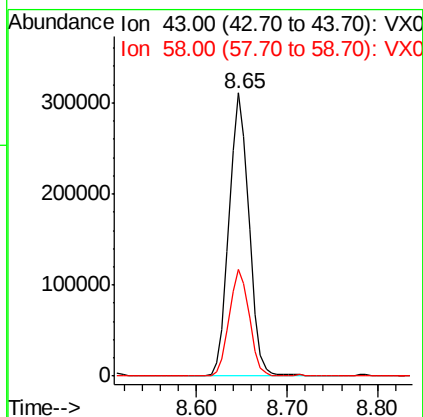
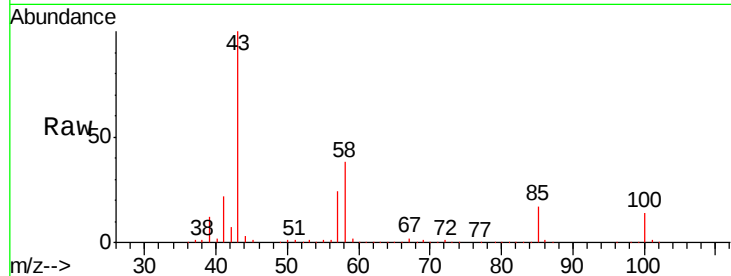




#51
 4-Methyl-2-Pentanone
 Concen: 273.52 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

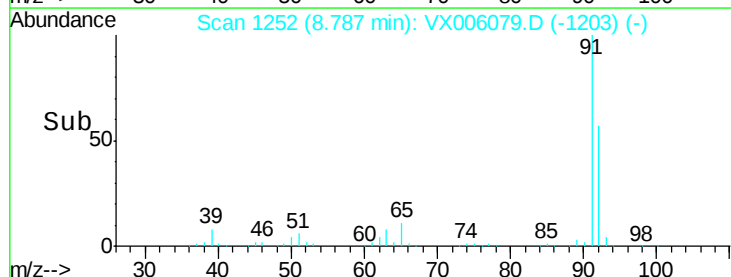
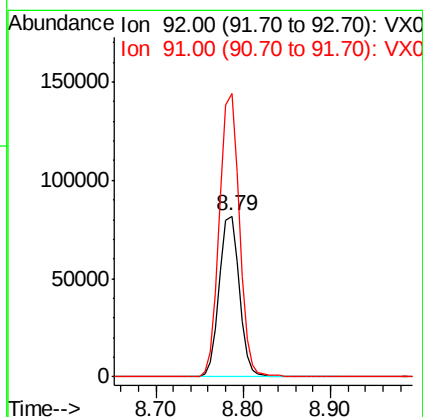
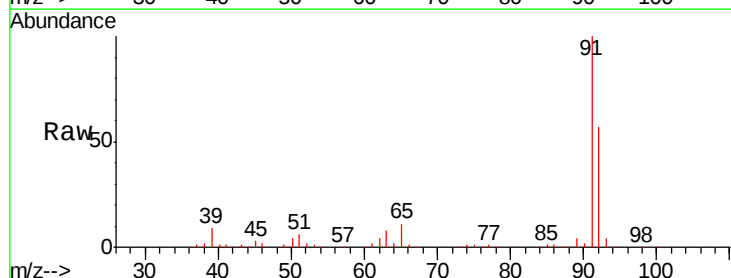
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

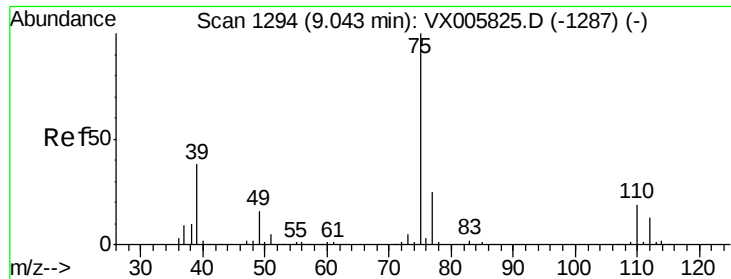
Tgt Ion: 43 Resp: 476381
 Ion Ratio Lower Upper
 43 100
 58 37.7 29.7 44.5



#52
 Toluene
 Concen: 54.84 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 92 Resp: 129576
 Ion Ratio Lower Upper
 92 100
 91 175.7 140.4 210.6

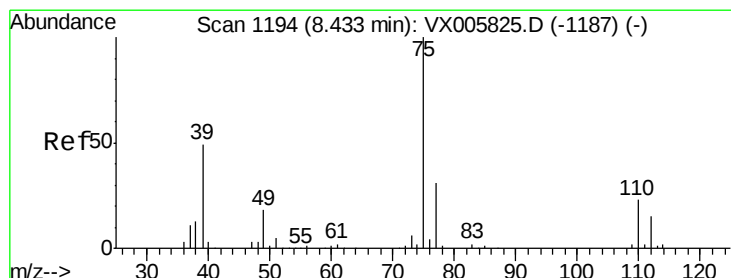
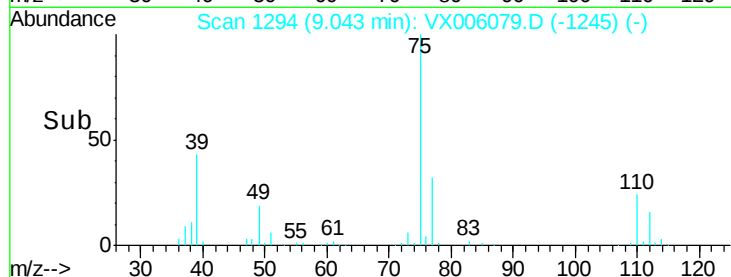
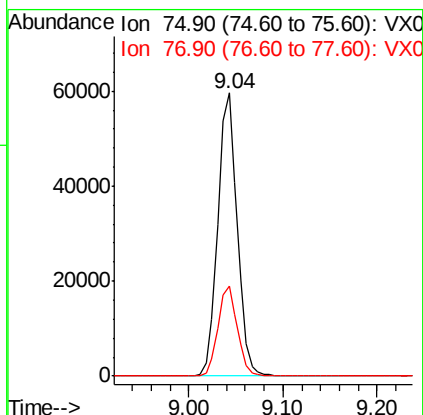
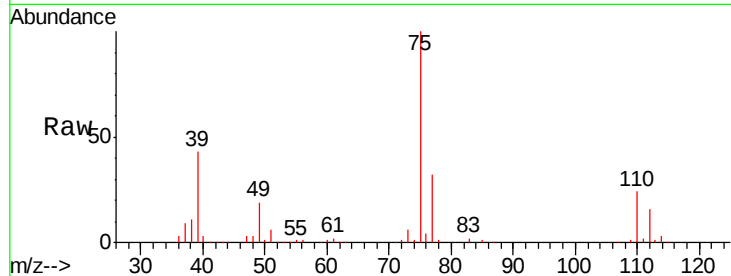




#53
 t-1,3-Dichloropropene
 Concen: 59.38 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

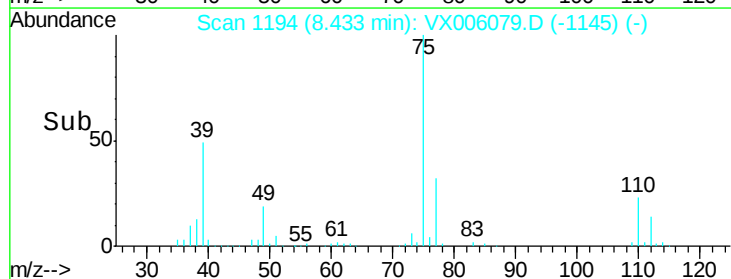
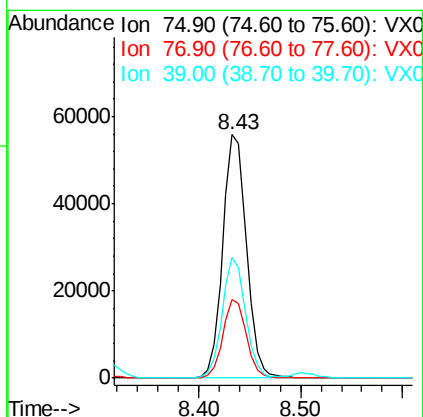
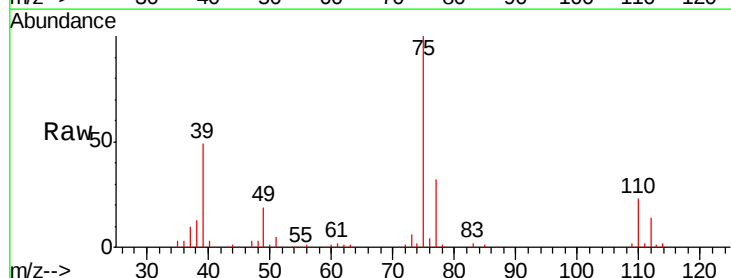
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 85283
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 61.90 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 75 Resp: 90606
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8
 39 49.4 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 52.57 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 55358

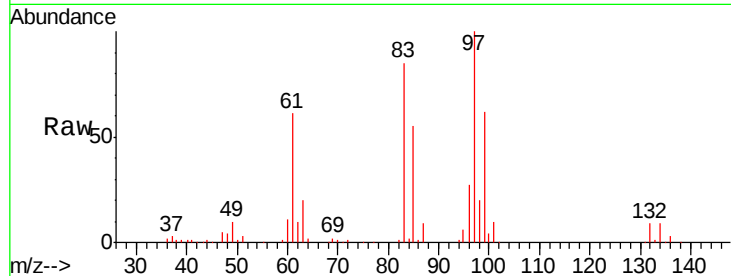
Ion Ratio Lower Upper

97 100

83 85.2 70.7 106.1

85 55.3 45.8 68.6

99 62.3 51.8 77.8



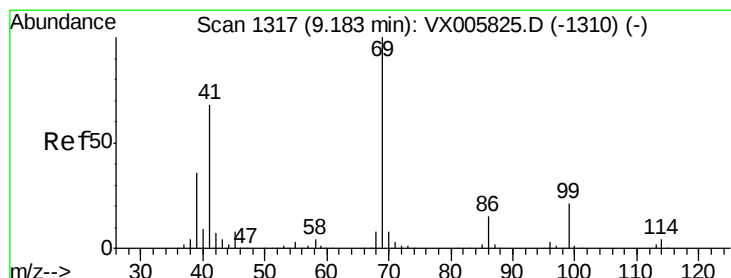
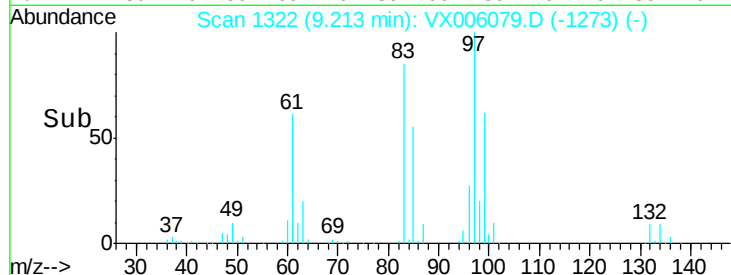
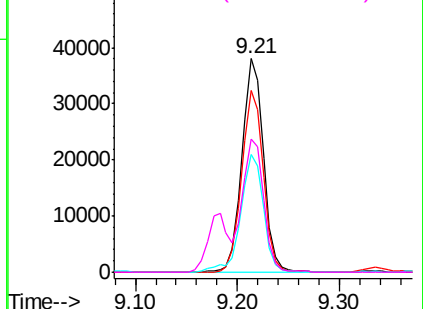
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.03 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

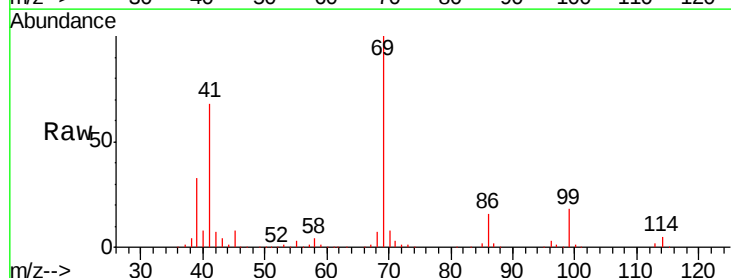
Tgt Ion: 69 Resp: 81988

Ion Ratio Lower Upper

69 100

41 70.7 57.0 85.6

39 34.5 28.3 42.5

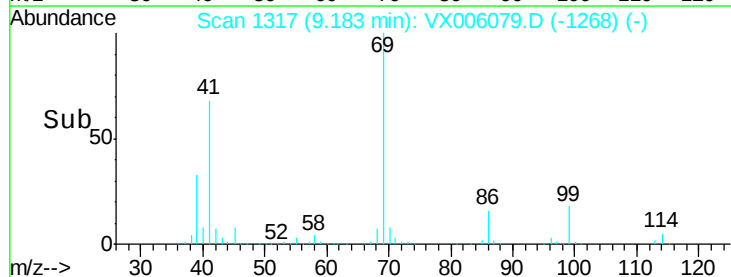
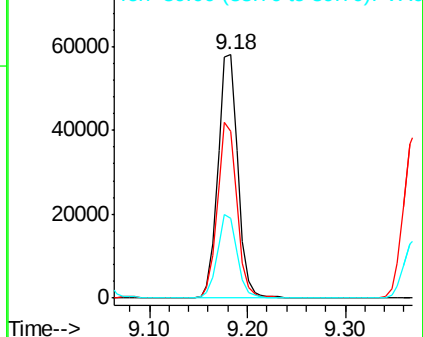


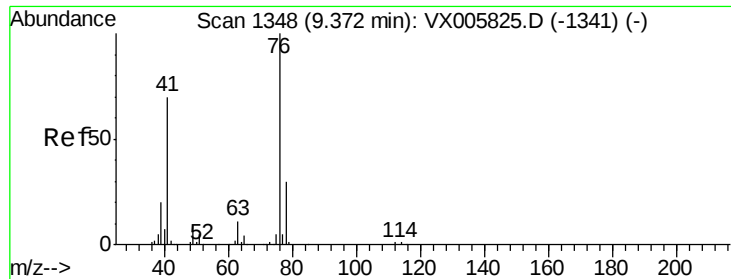
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.75 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

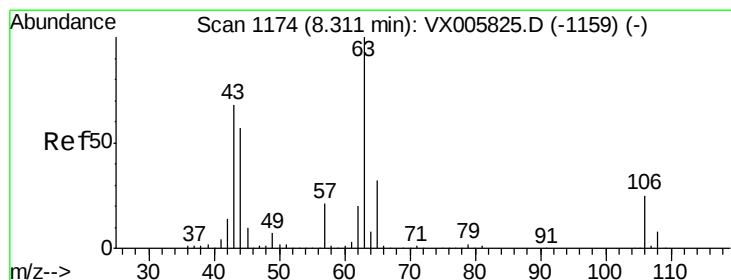
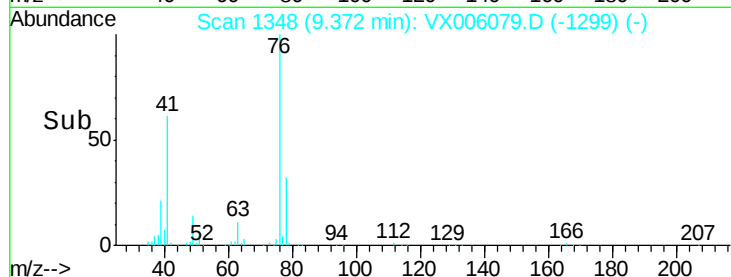
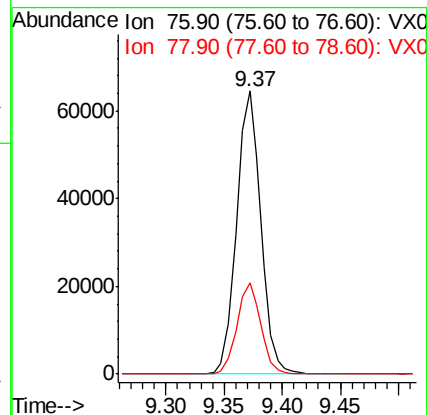
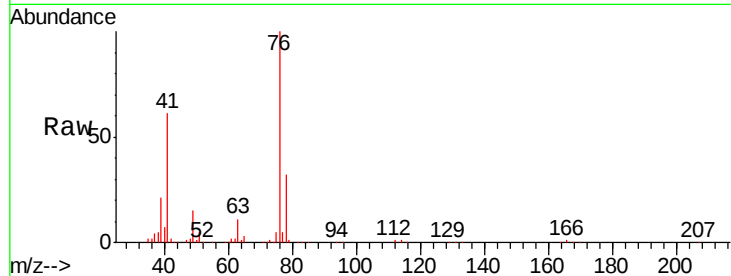
VSTDCCC050

Tgt Ion: 76 Resp: 93351

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 315.34 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006079.D

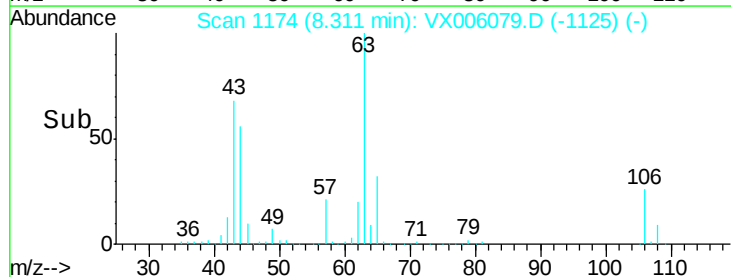
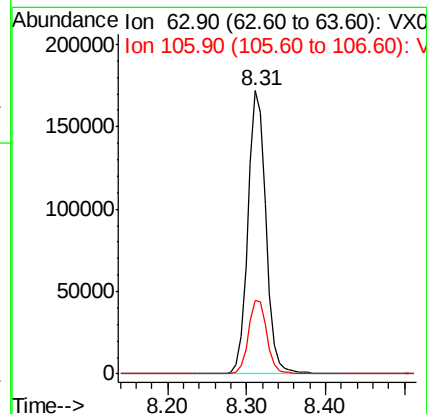
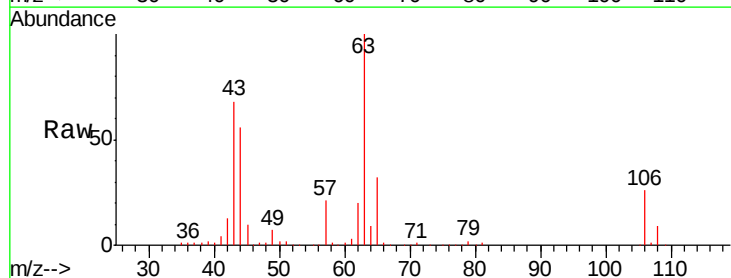
Acq: 19 Nov 2018 09:39

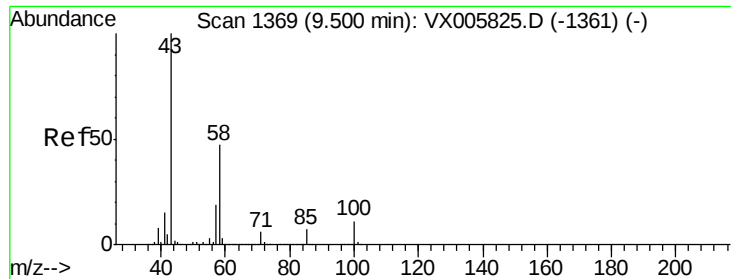
Tgt Ion: 63 Resp: 272674

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9

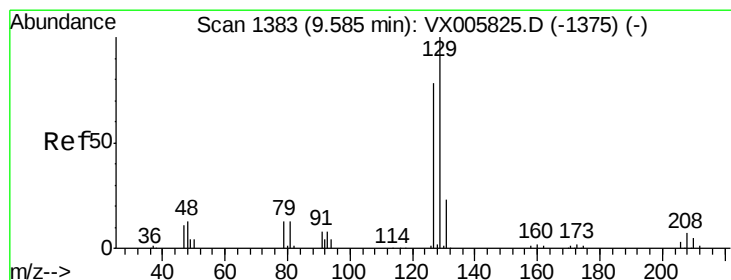
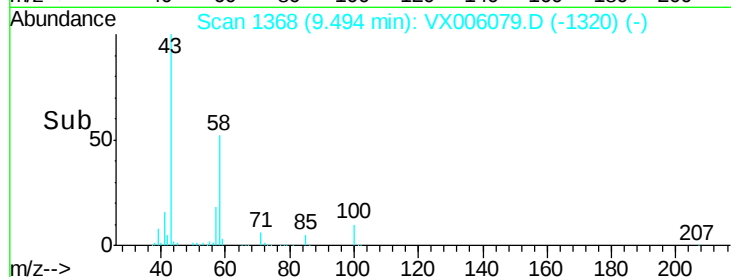
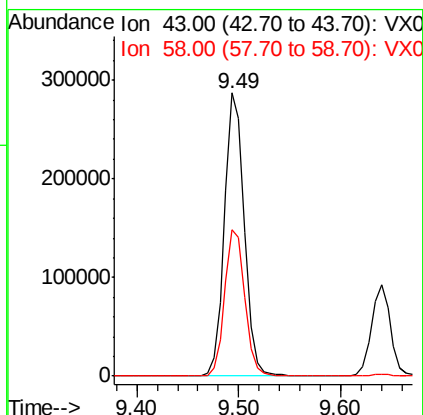
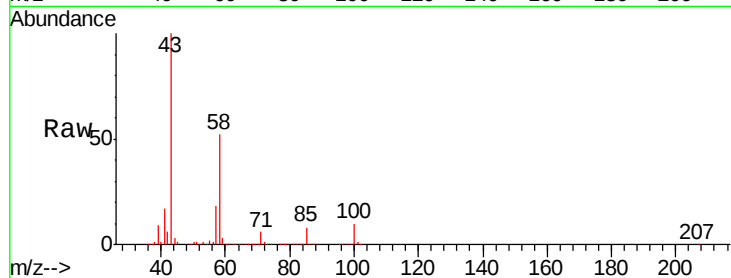




#59
2-Hexanone
Concen: 252.96 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

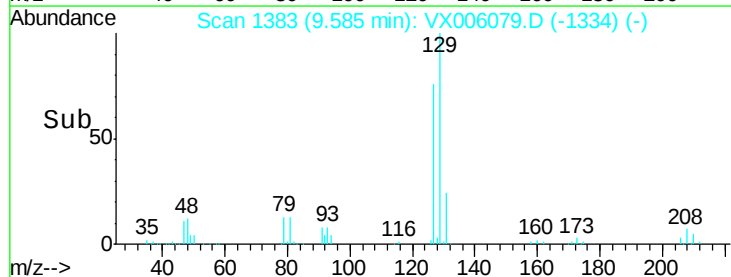
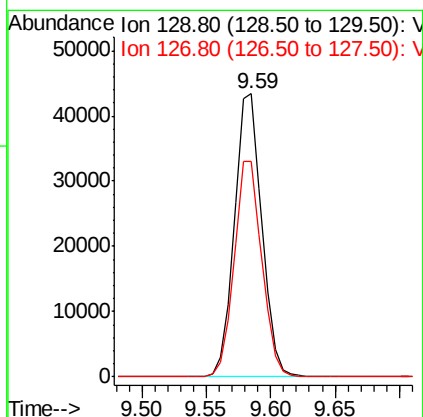
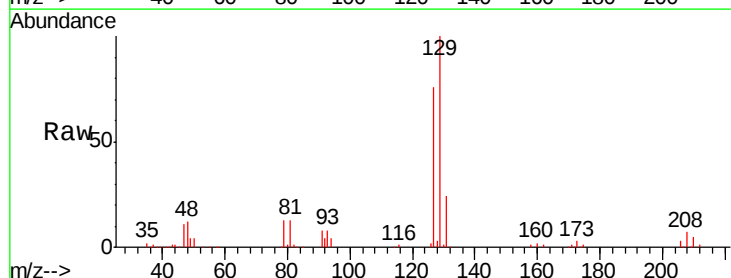
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

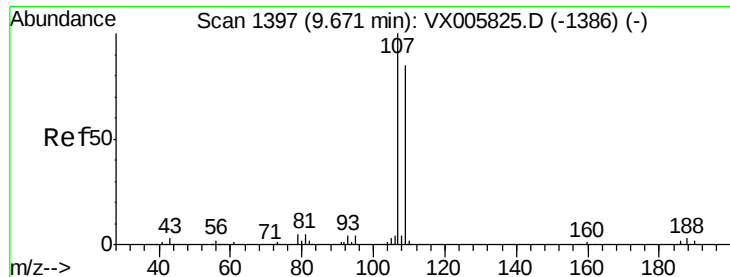
Tgt Ion: 43 Resp: 388340
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 56.46 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 129 Resp: 64257
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

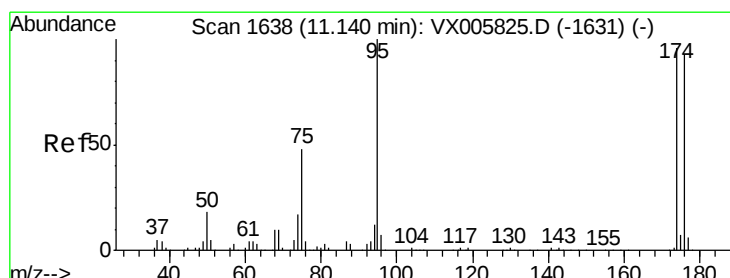
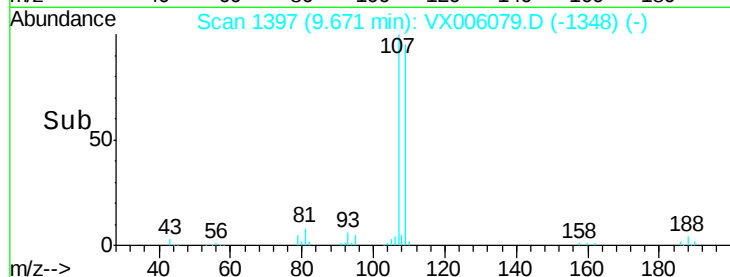
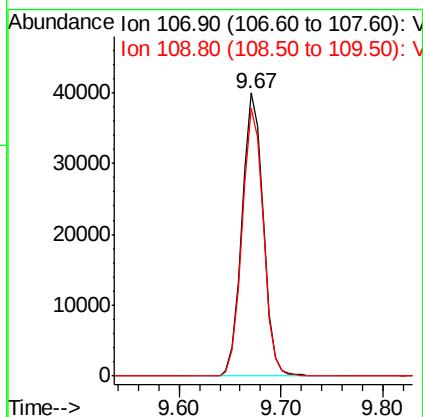
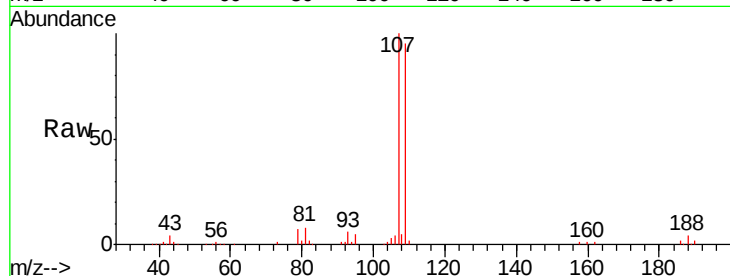




#61
 1,2-Dibromoethane
 Concen: 49.30 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

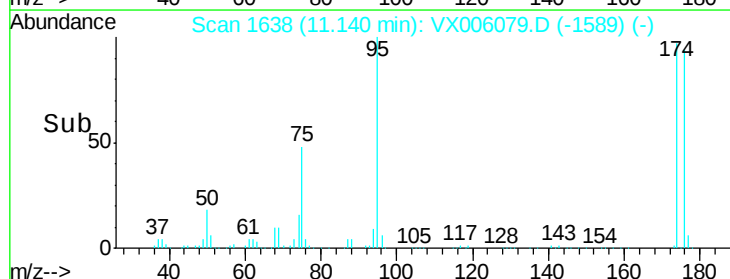
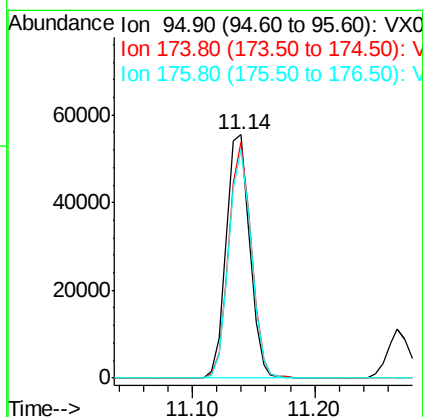
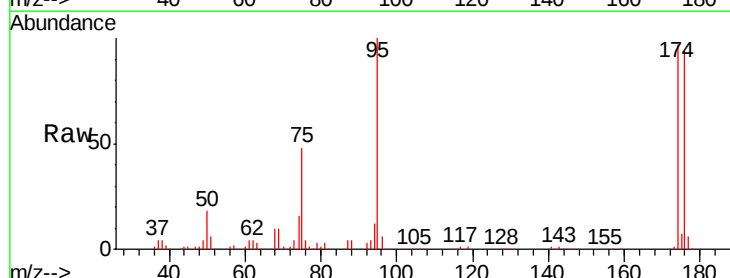
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 57407
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 60.22 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 95 Resp: 73654
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 184.4
 176 90.4 0.0 177.4

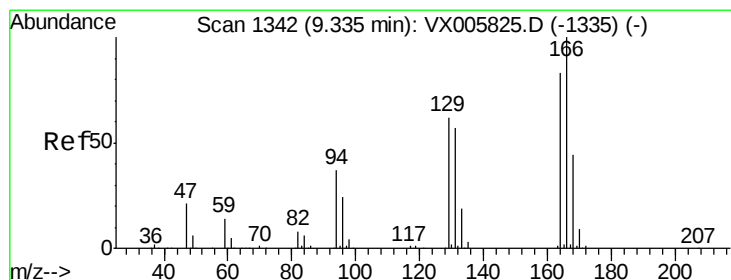
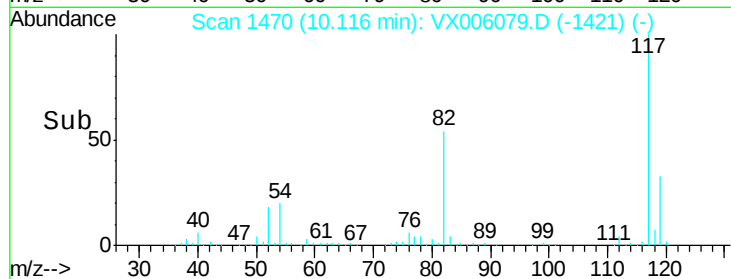
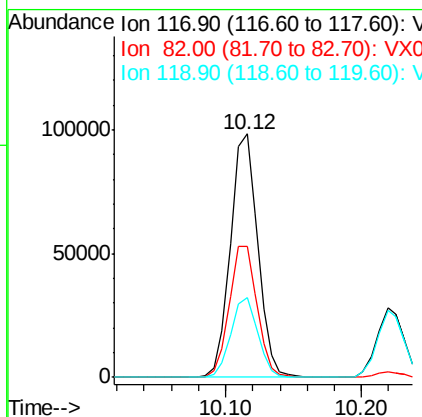
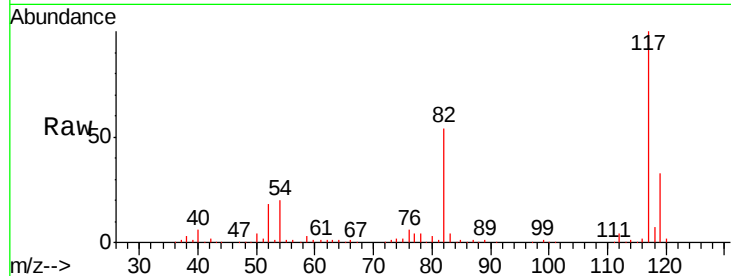




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

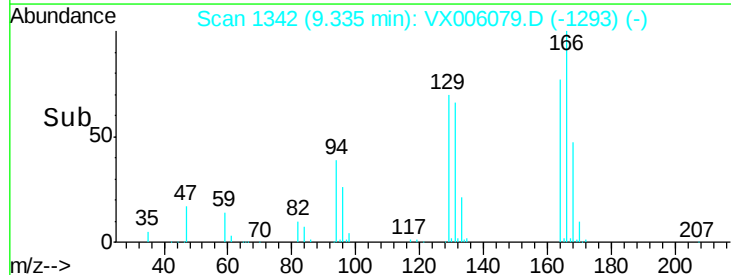
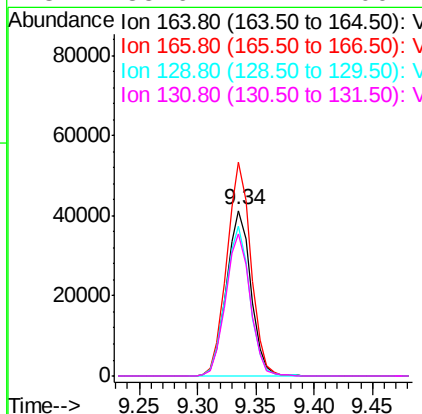
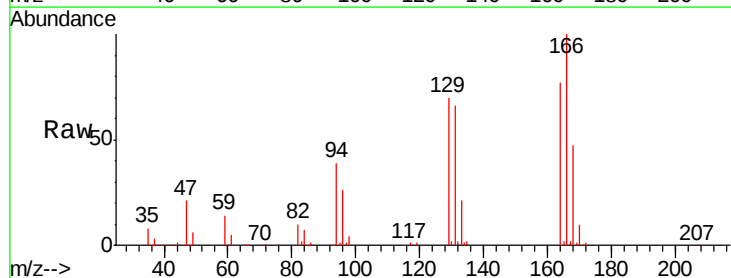
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

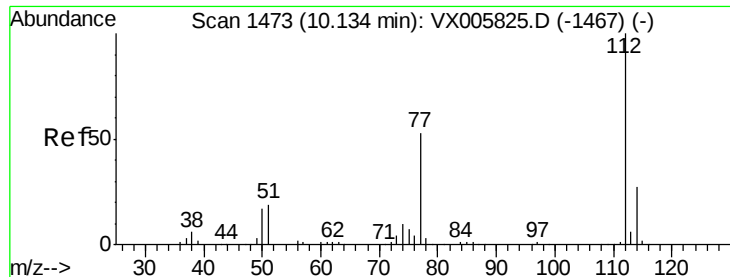
Tgt Ion:117 Resp: 137968
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 51.42 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion:164 Resp: 60398
Ion Ratio Lower Upper
164 100
166 129.2 101.9 152.9
129 90.3 72.6 109.0
131 85.6 71.1 106.7

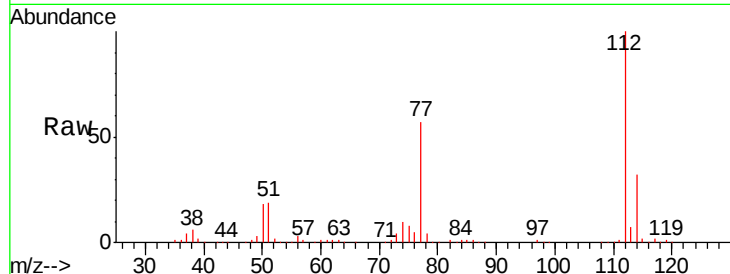




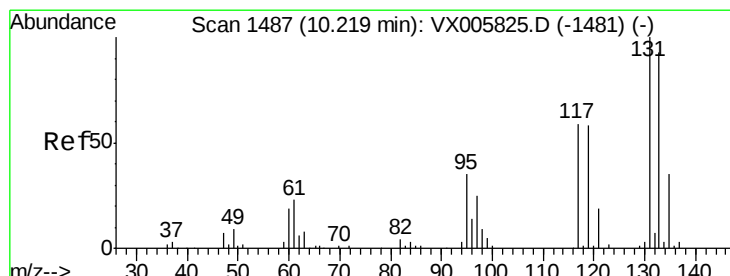
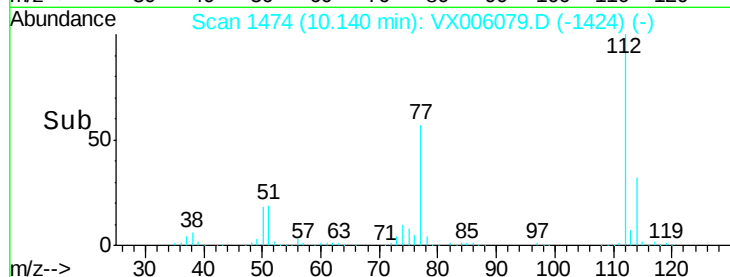
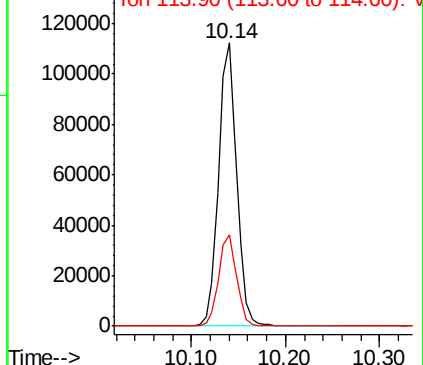
#65
Chlorobenzene
Concen: 54.25 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 149951
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

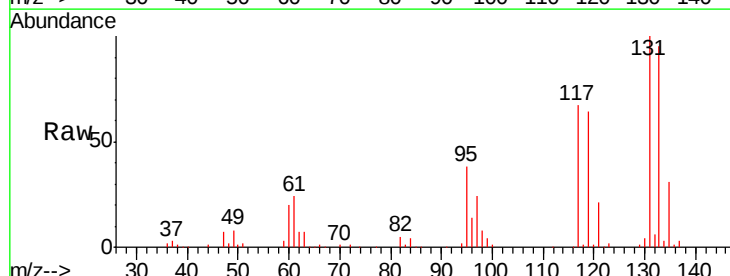


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

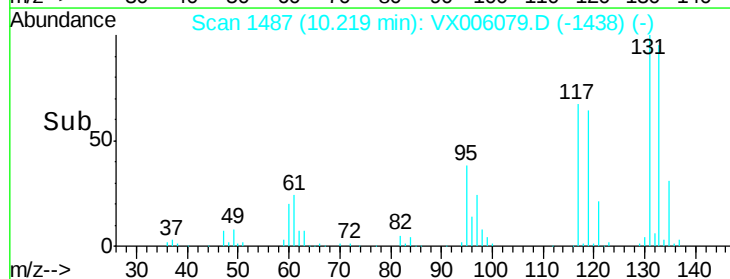
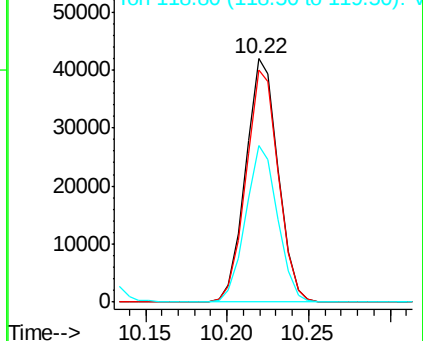


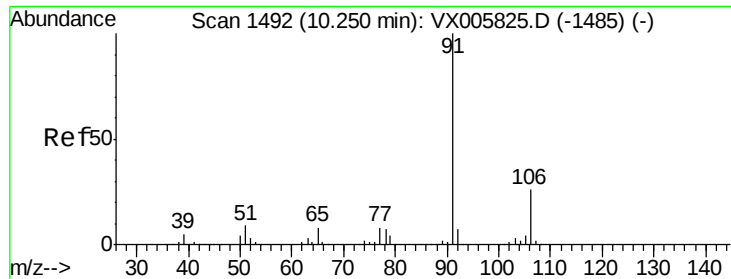
#66
1,1,1,2-Tetrachloroethane
Concen: 60.25 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion:131 Resp: 57891
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 63.5 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 58.63 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

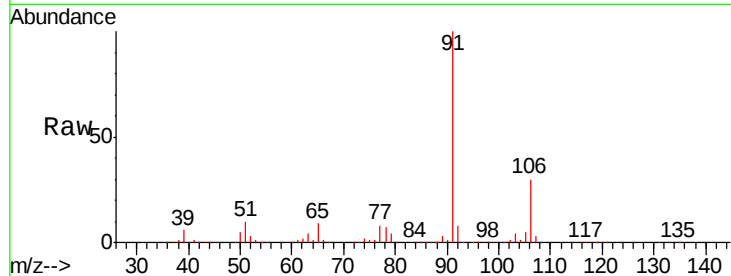
VSTDCCC050

Tgt Ion: 91 Resp: 259831

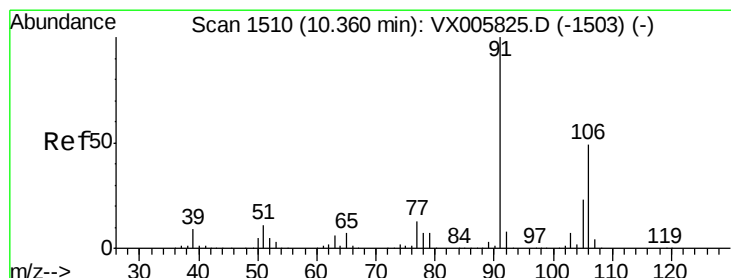
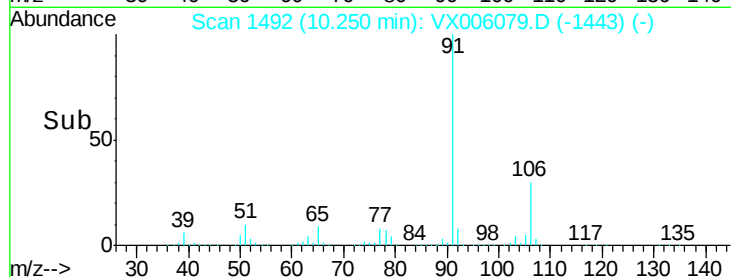
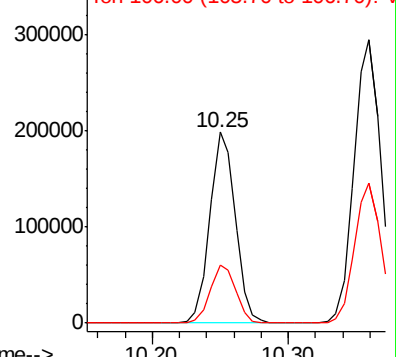
Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX006079.D (-1443) (-)



#68

m/p-Xylenes

Concen: 117.66 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006079.D

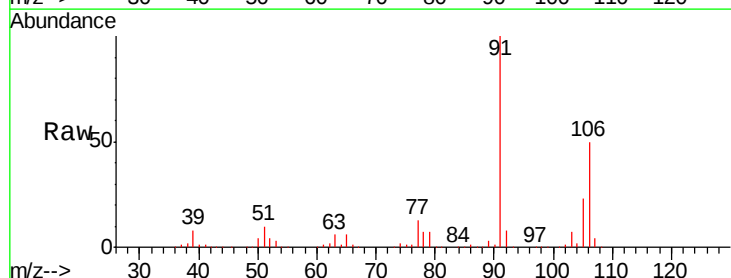
Acq: 19 Nov 2018 09:39

Tgt Ion: 106 Resp: 198907

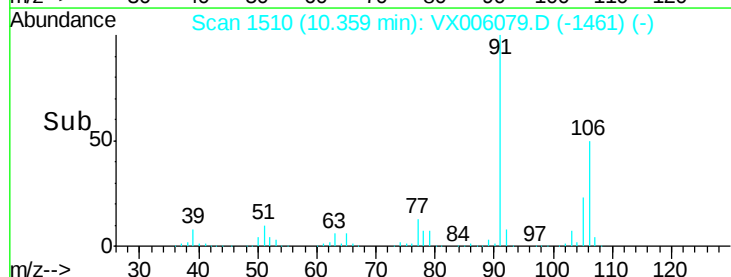
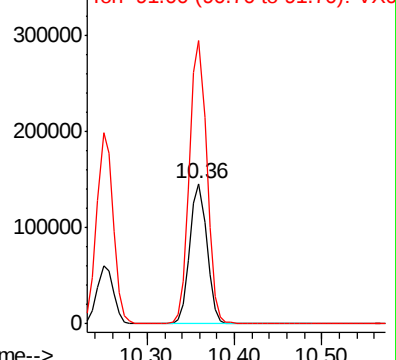
Ion Ratio Lower Upper

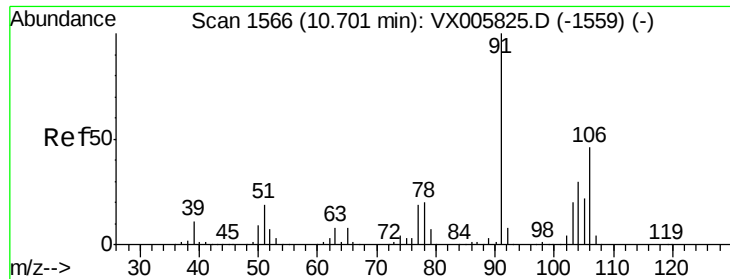
106 100

91 204.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX006079.D (-1461) (-)

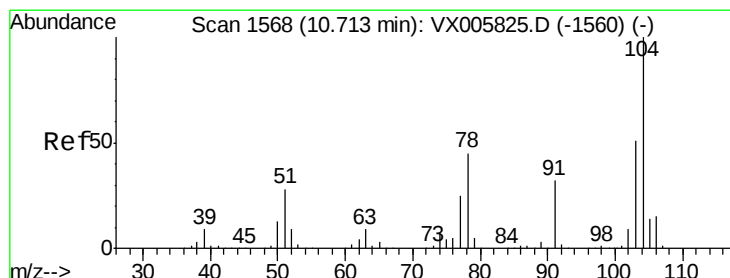
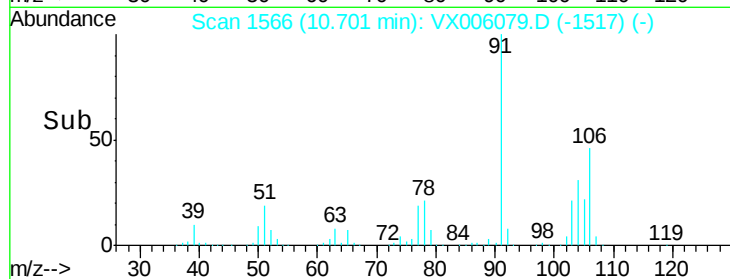
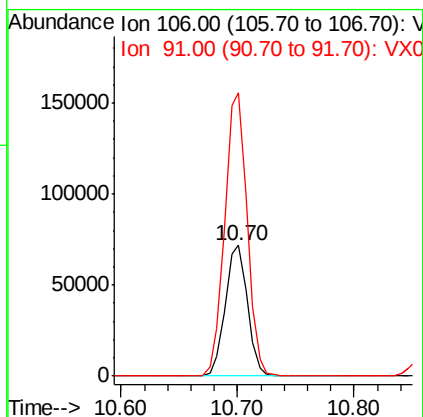
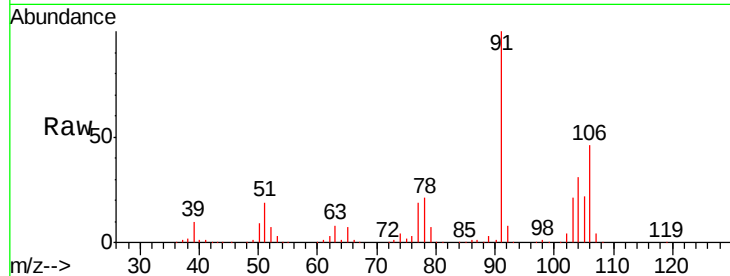




#69
o-Xylene
Concen: 62.80 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

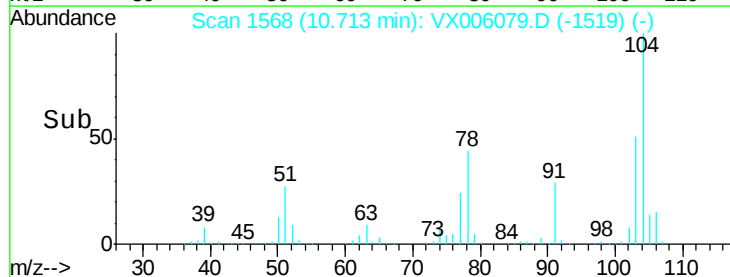
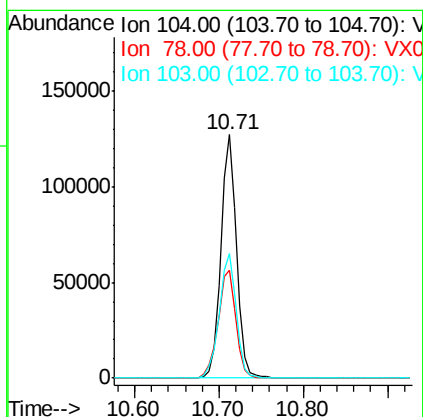
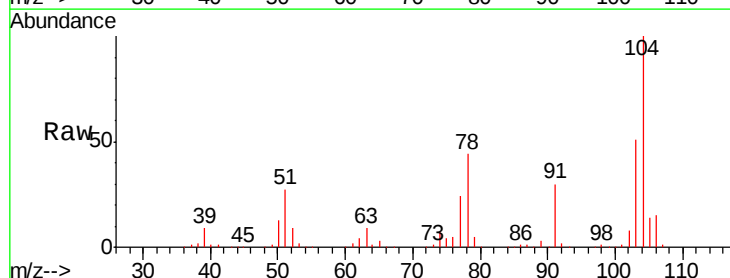
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 95207
Ion Ratio Lower Upper
106 100
91 217.6 108.5 325.5



#70
Styrene
Concen: 65.25 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion:104 Resp: 163178
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 56.0 44.9 67.3





#71

Bromoform

Concen: 68.99 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

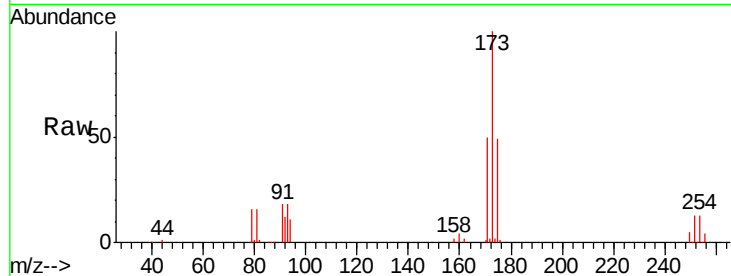
Tgt Ion:173 Resp: 55570

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

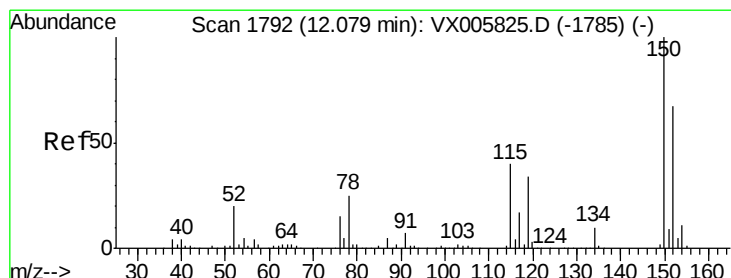
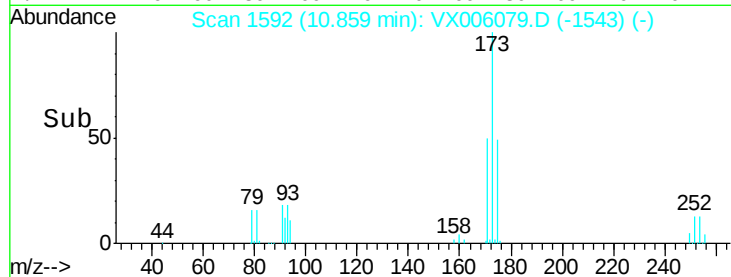
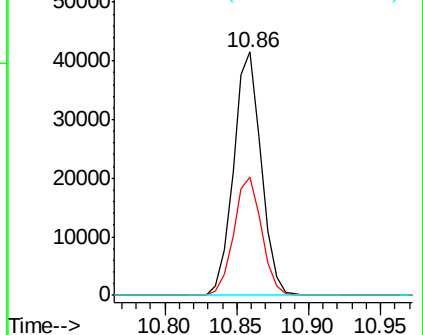
254 0.2 0.2 0.2



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: VX006079.D

Acq: 19 Nov 2018 09:39

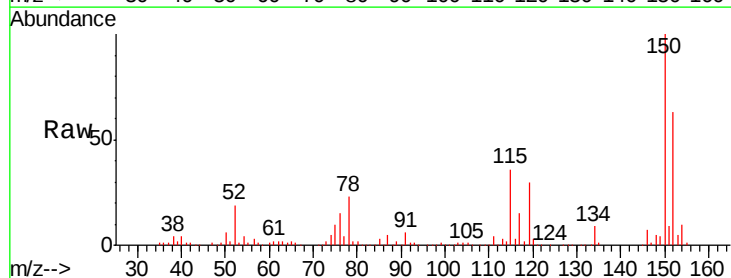
Tgt Ion:152 Resp: 79651

Ion Ratio Lower Upper

152 100

115 79.6 39.4 118.1

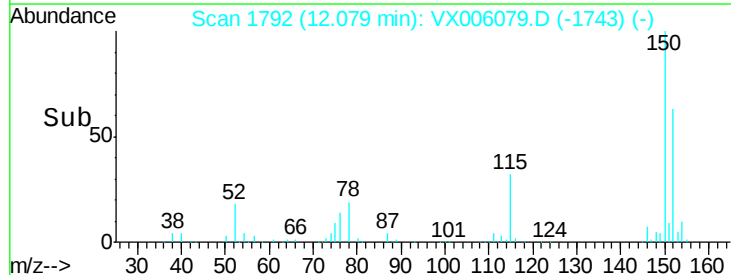
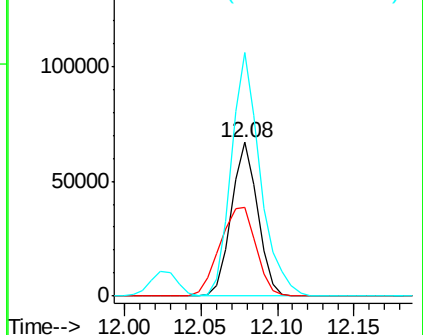
150 174.7 0.0 346.4

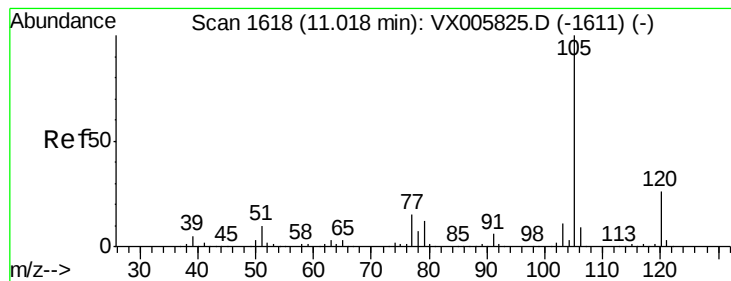


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.13 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

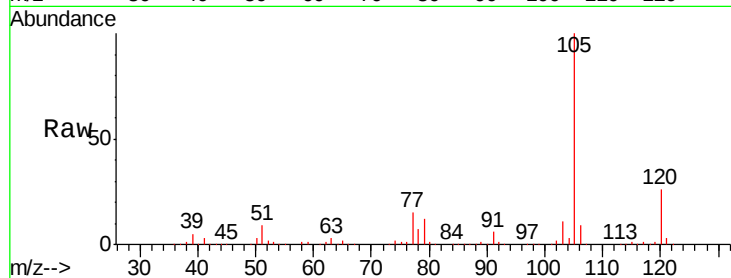
VSTDCCC050

Tgt Ion: 105 Resp: 267743

Ion Ratio Lower Upper

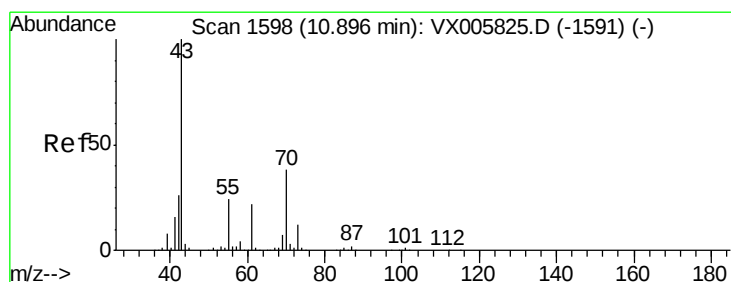
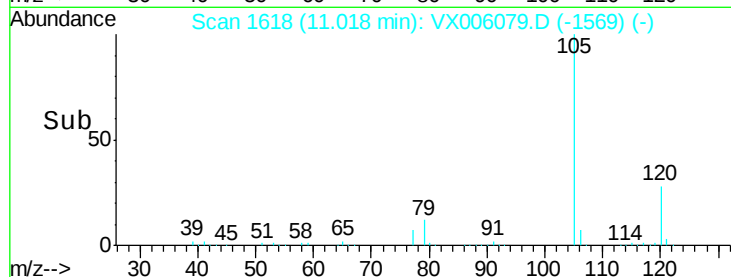
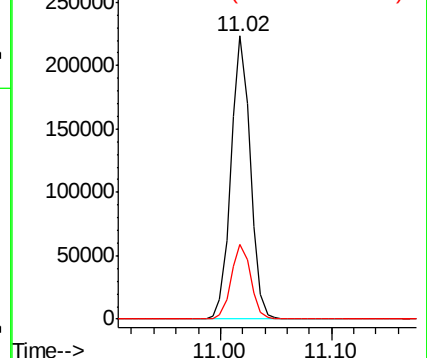
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.39 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion: 43 Resp: 119648

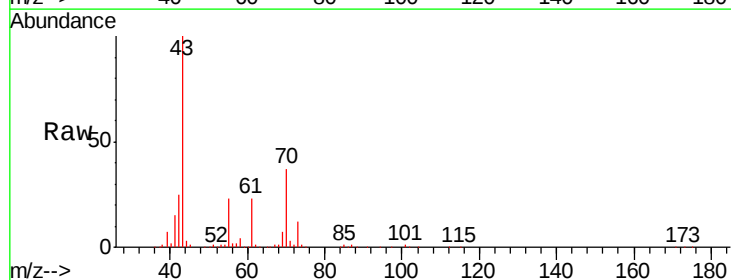
Ion Ratio Lower Upper

43 100

70 39.3 31.6 47.4

55 23.5 19.7 29.5

61 23.2 18.3 27.5

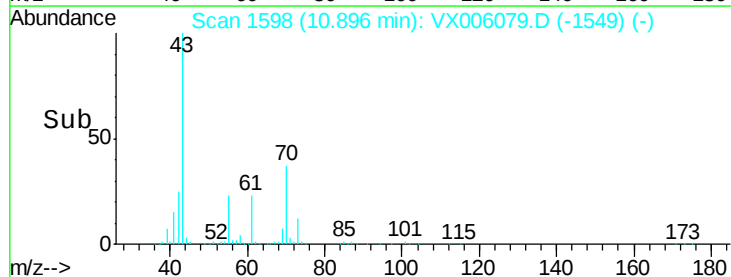
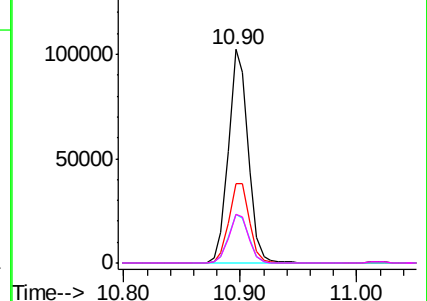


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.17 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

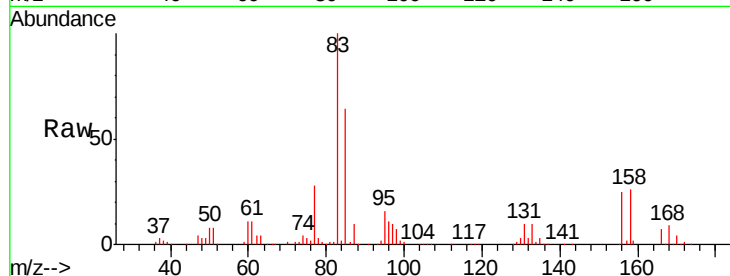
Tgt Ion: 83 Resp: 89894

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

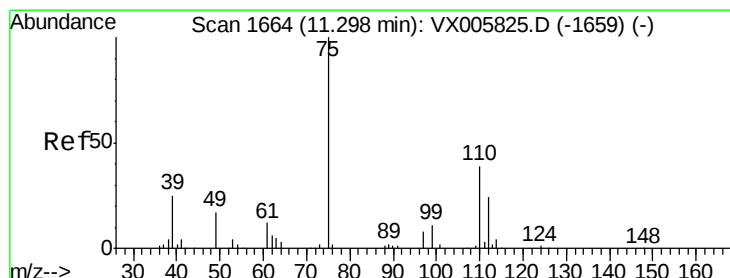
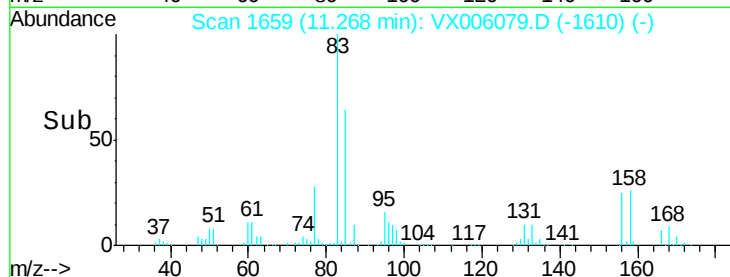
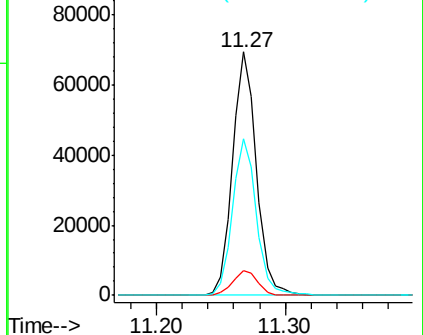
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.36 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006079.D

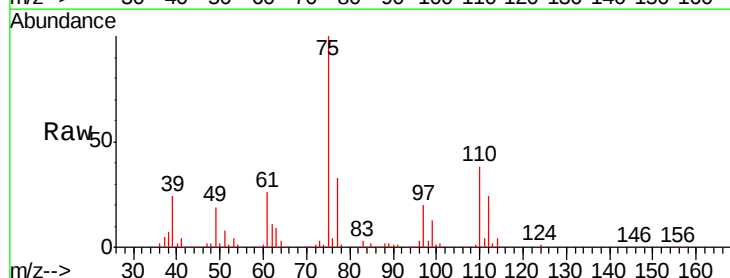
Acq: 19 Nov 2018 09:39

Tgt Ion: 75 Resp: 112494

Ion Ratio Lower Upper

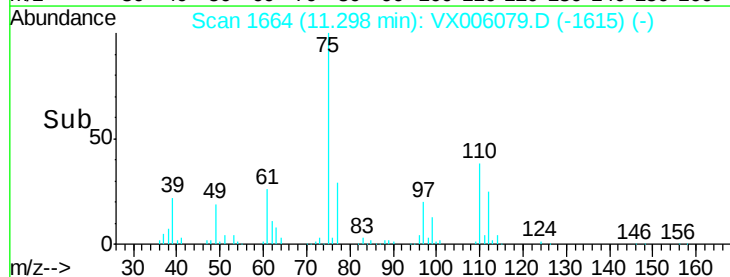
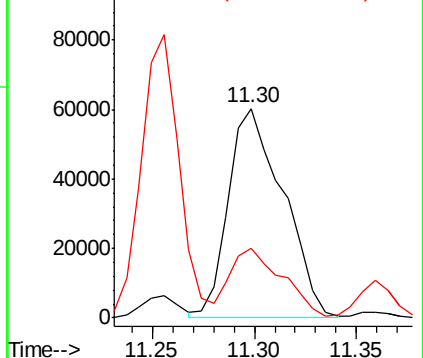
75 100

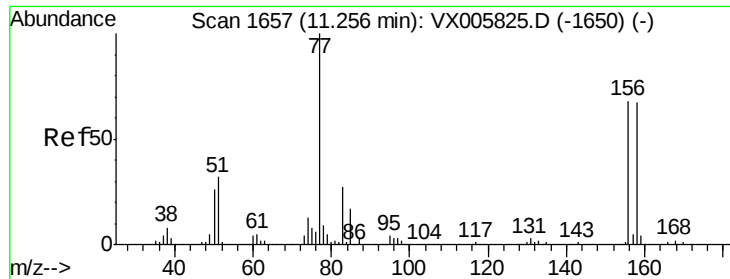
77 31.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

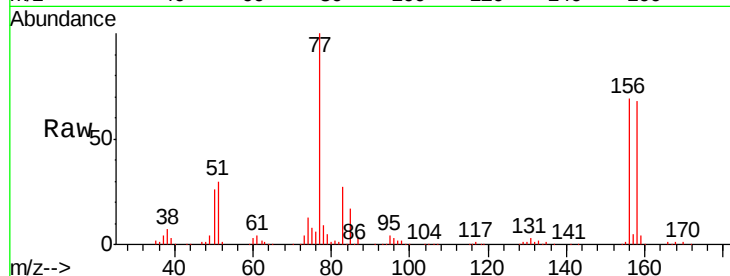




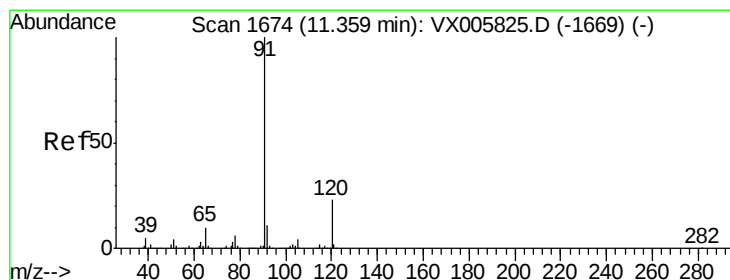
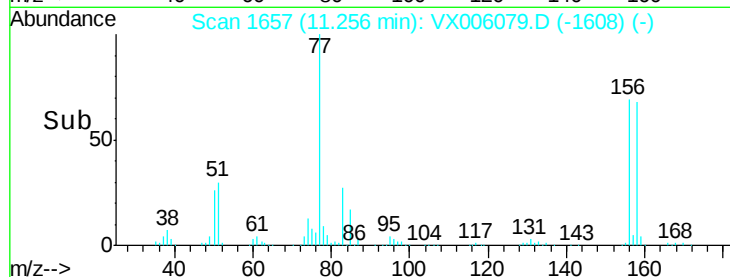
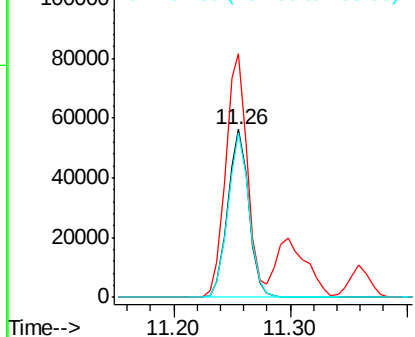
#77
Bromobenzene
Concen: 54.34 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 70545
Ion Ratio Lower Upper
156 100
77 149.1 74.8 224.4
158 97.7 49.1 147.3

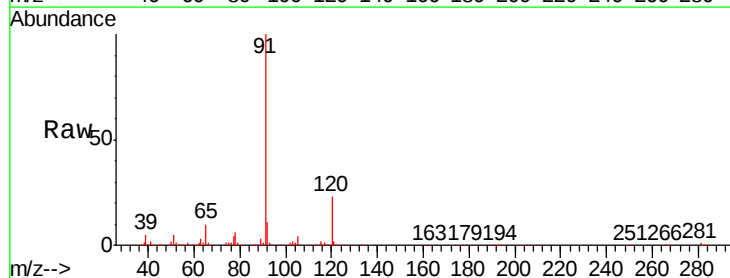


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

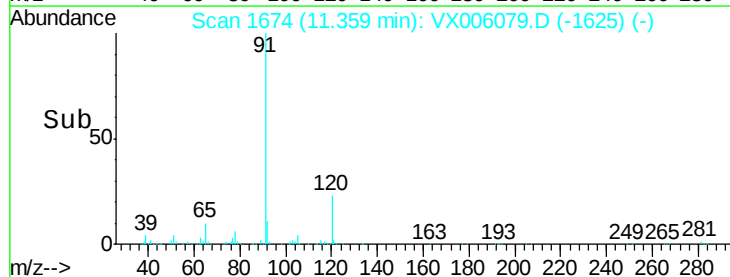
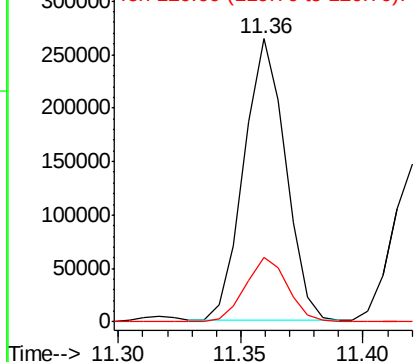


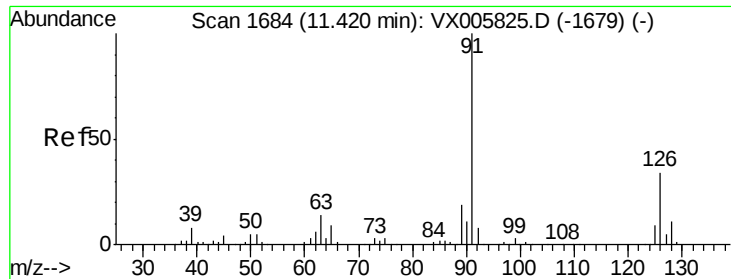
#78
n-propylbenzene
Concen: 57.78 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 91 Resp: 313638
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

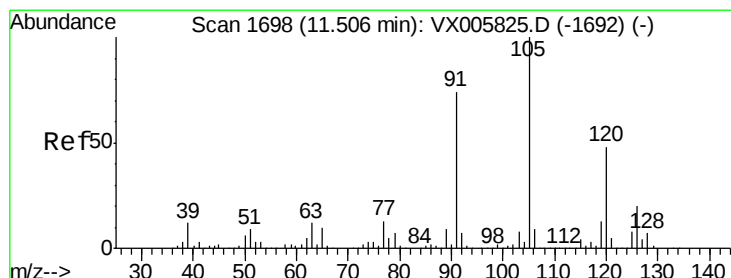
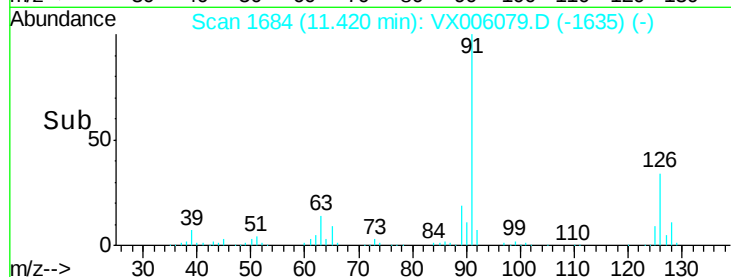
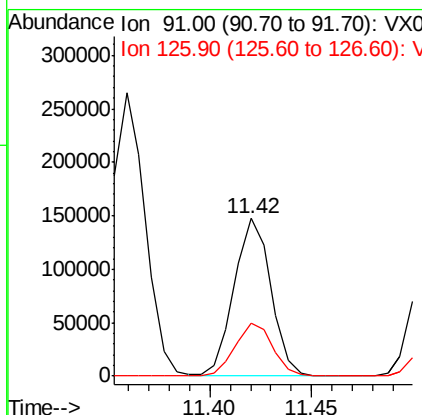
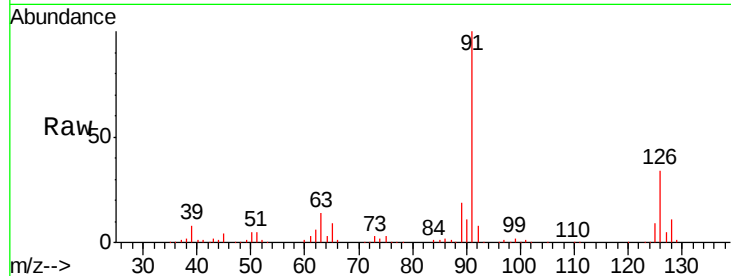




#79
 2-Chlorotoluene
 Concen: 55.94 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

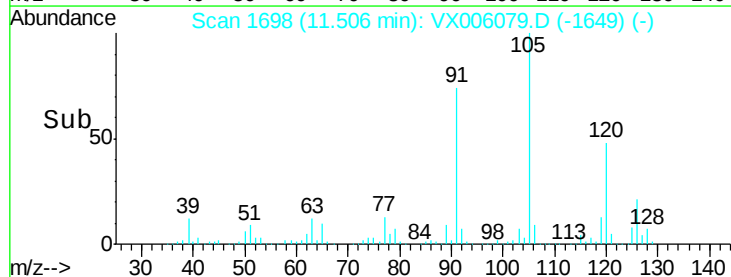
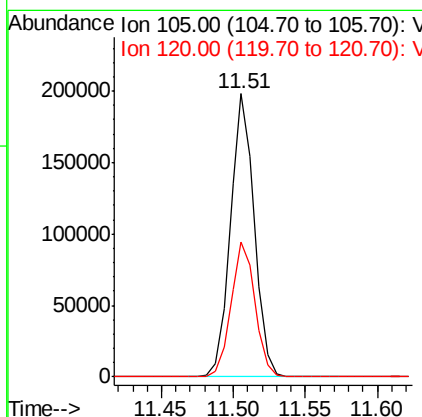
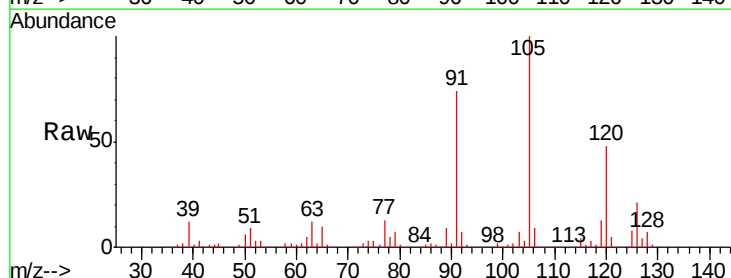
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

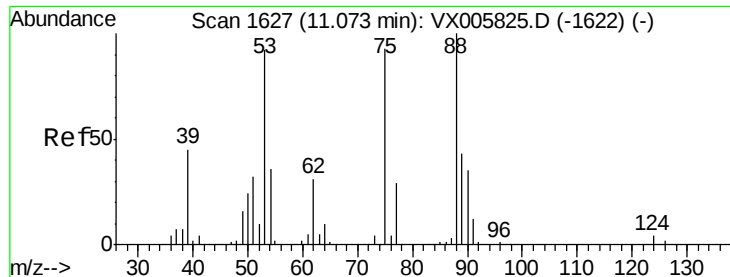
Tgt Ion: 91 Resp: 183545
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 58.56 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 105 Resp: 229228
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 60.34 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

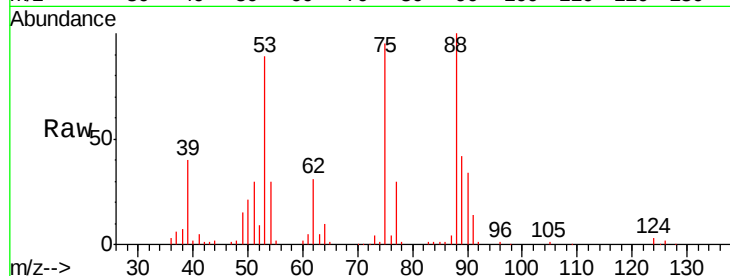
Tgt Ion: 75 Resp: 30706

Ion Ratio Lower Upper

75 100

53 95.9 80.2 120.2

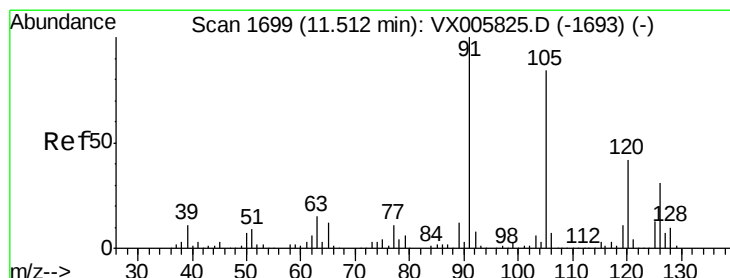
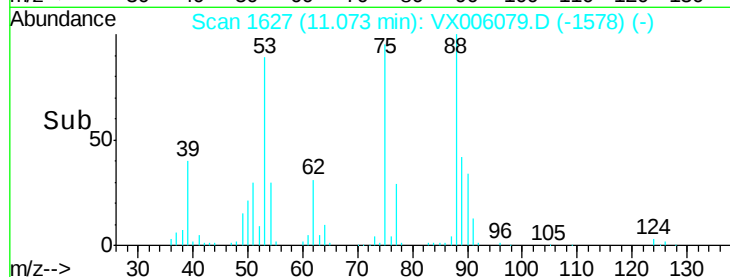
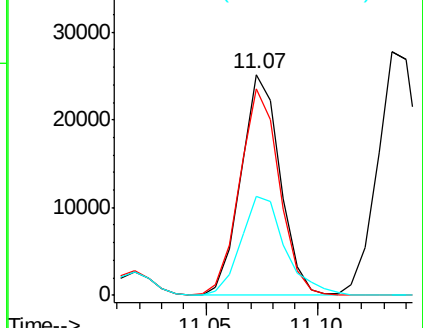
89 51.1 39.8 59.8



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: 56.83 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006079.D

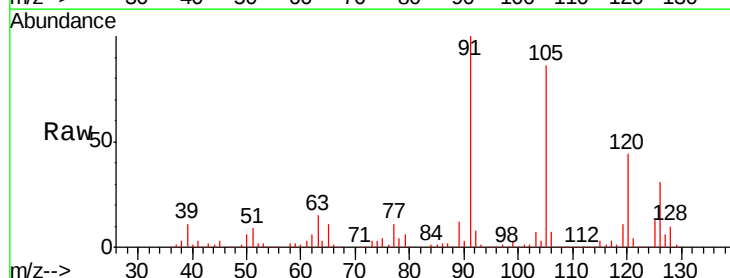
Acq: 19 Nov 2018 09:39

Tgt Ion: 91 Resp: 219769

Ion Ratio Lower Upper

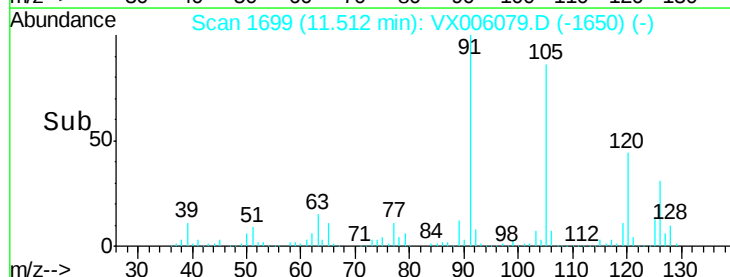
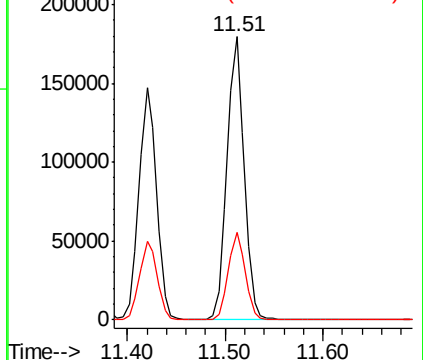
91 100

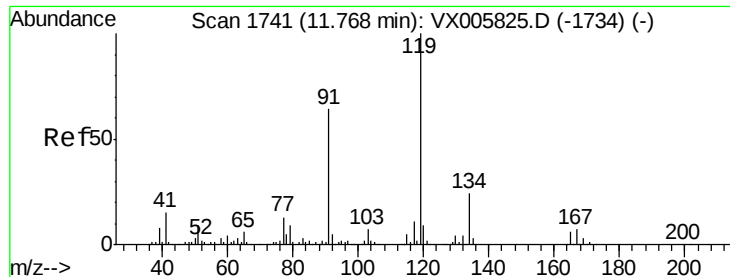
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

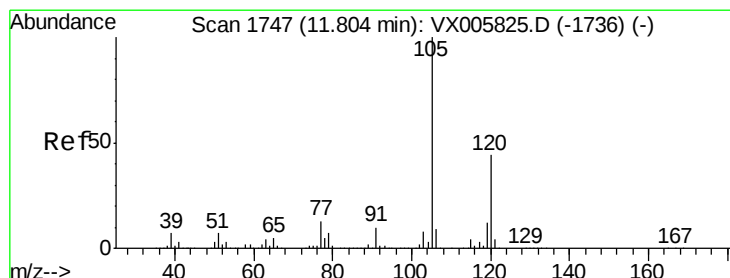
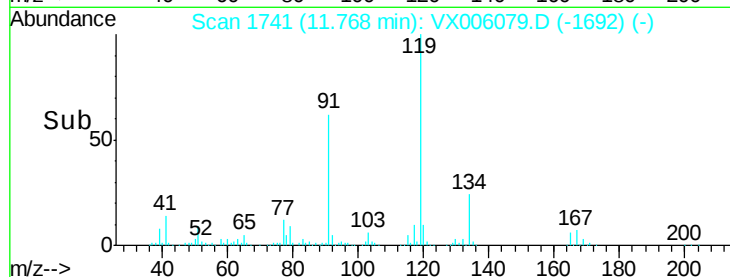
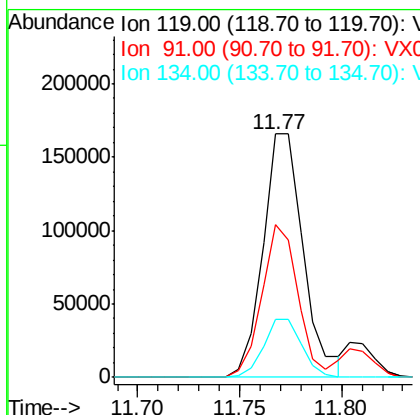
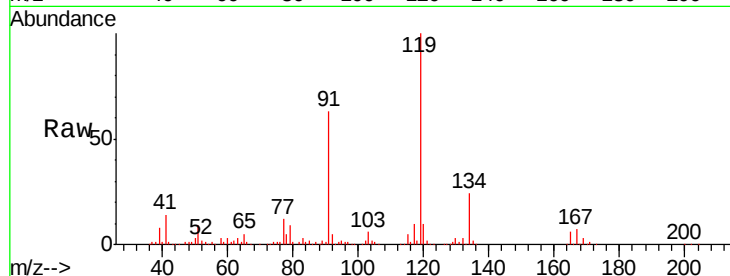




#83
 tert-Butylbenzene
 Concen: 57.63 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

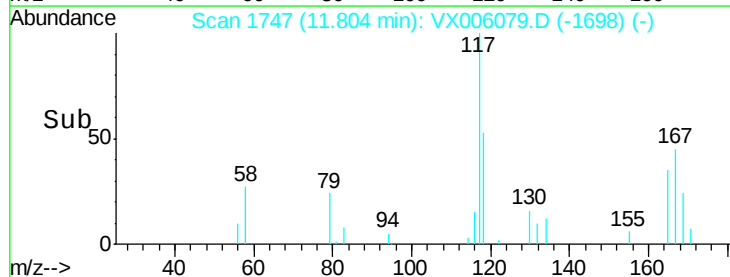
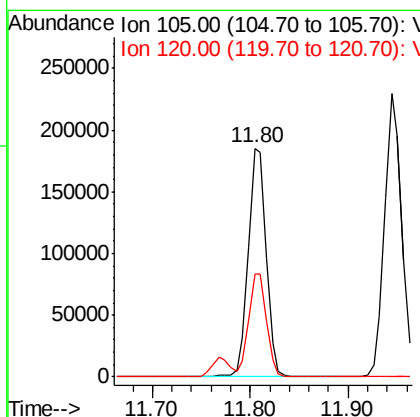
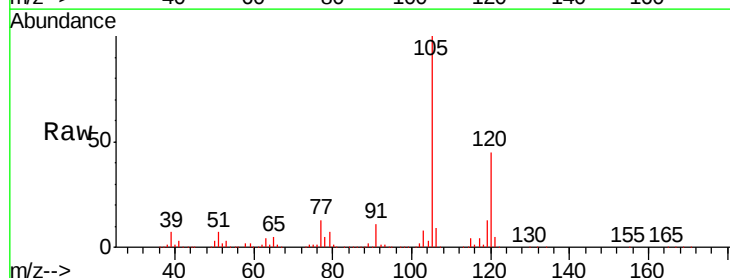
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

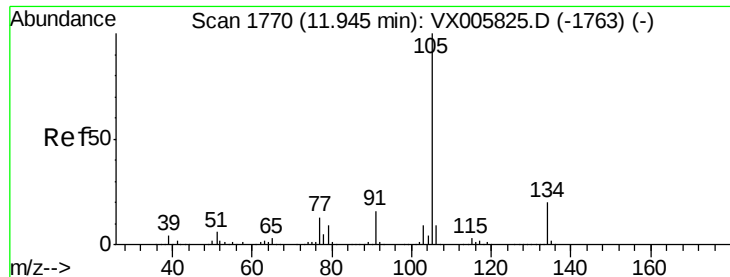
Tgt Ion:119 Resp: 228201
 Ion Ratio Lower Upper
 119 100
 91 56.3 28.5 85.5
 134 22.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.66 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion:105 Resp: 236069
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0

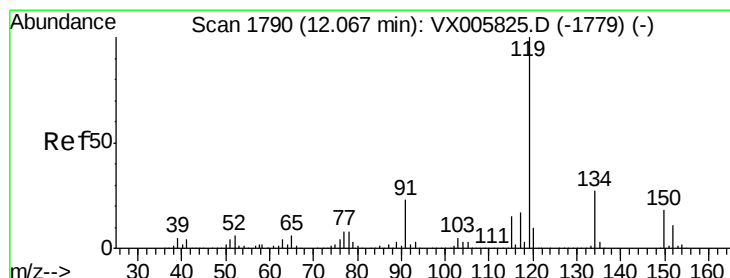
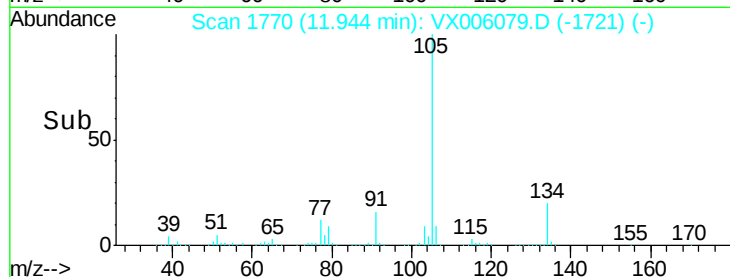
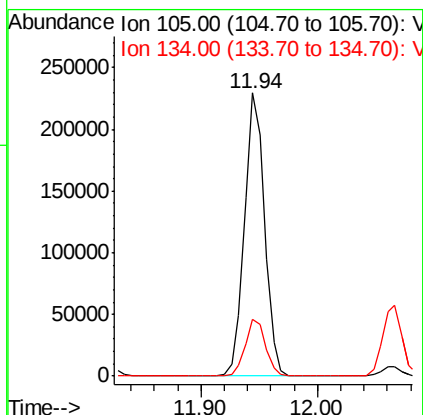
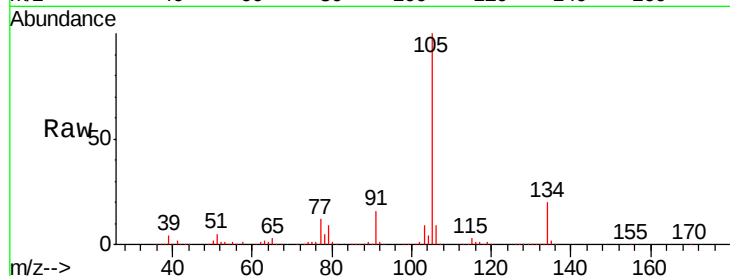




#85
 sec-Butylbenzene
 Concen: 57.24 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

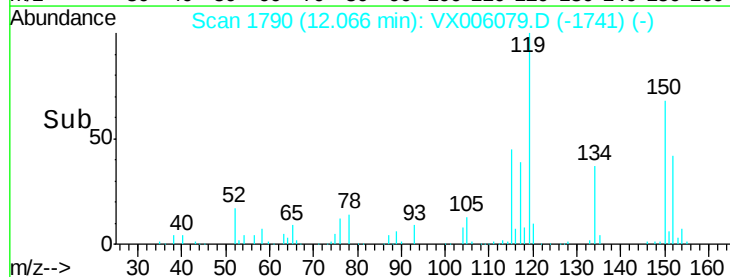
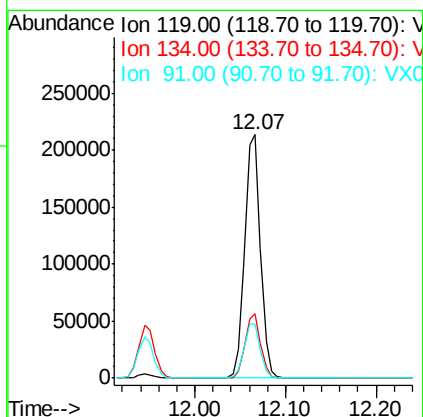
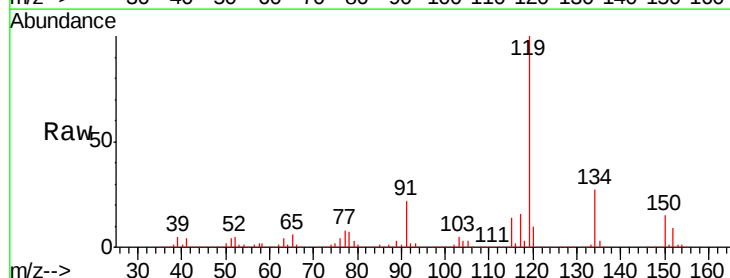
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

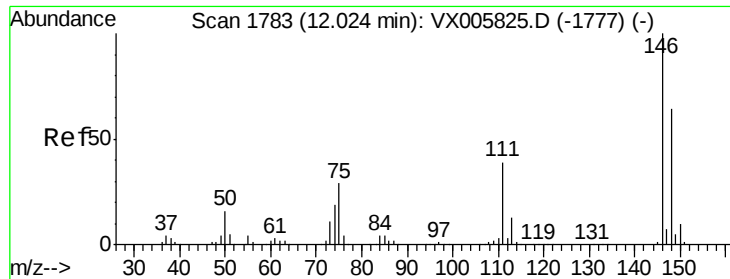
Tgt Ion:105 Resp: 277187
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 59.52 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion:119 Resp: 255308
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.0 11.4 34.2

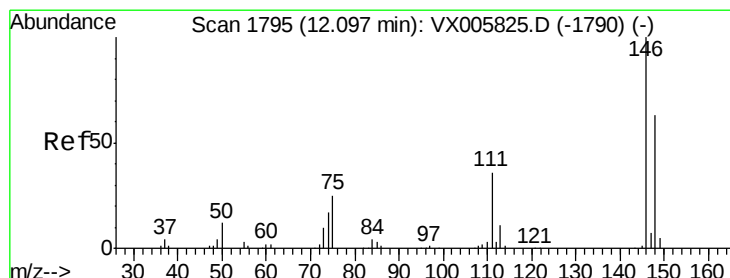
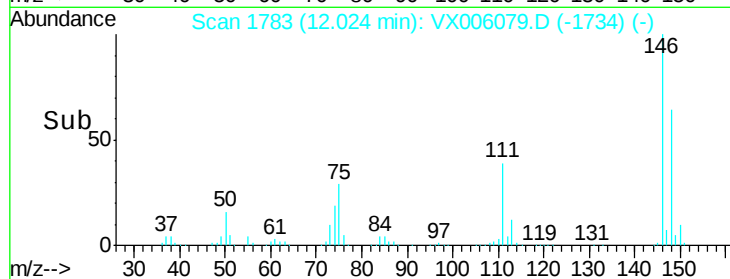
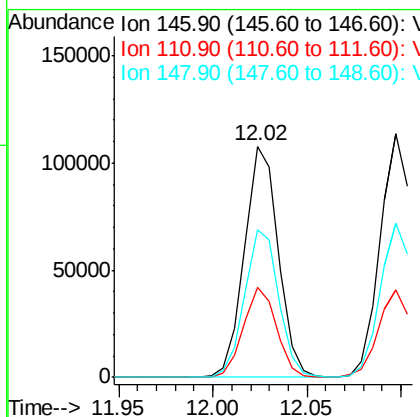
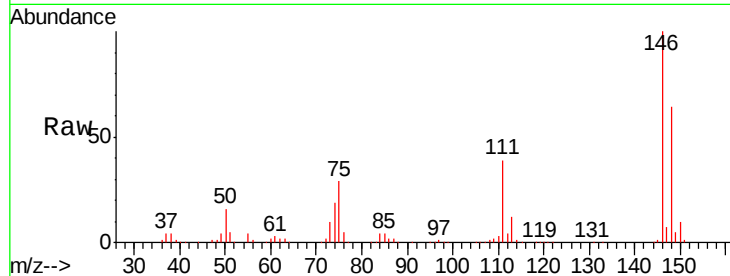




#87
 1,3-Dichlorobenzene
 Concen: 54.13 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

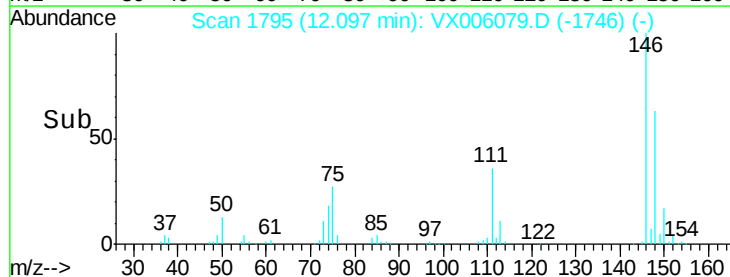
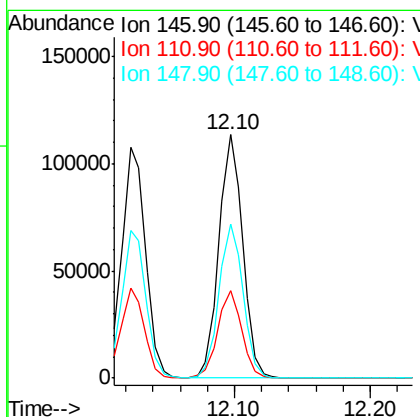
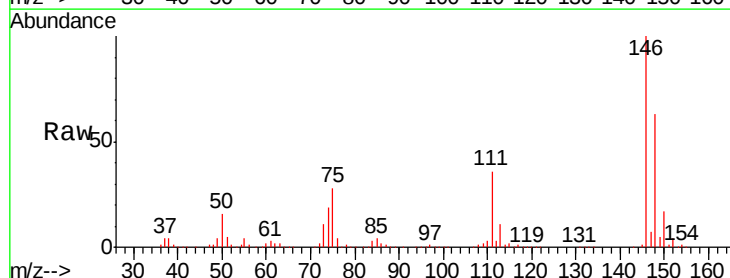
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

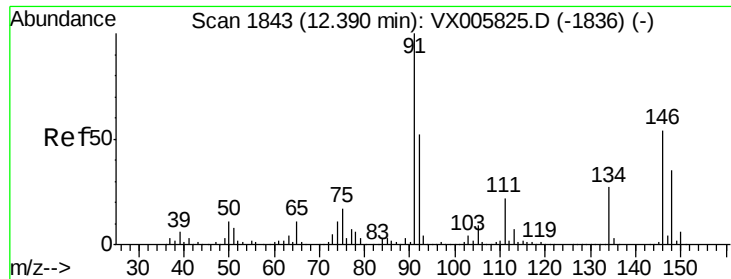
Tgt Ion:146 Resp: 134861
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 53.98 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion:146 Resp: 137696
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 55.8
 148 64.0 32.1 96.3

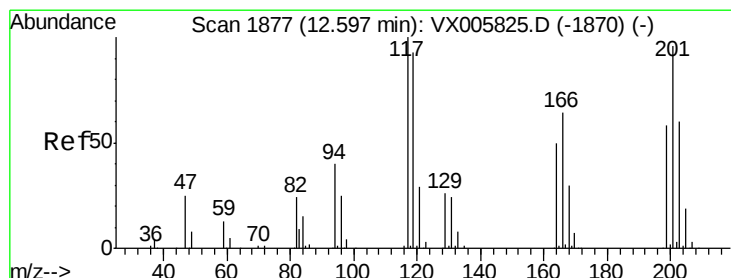
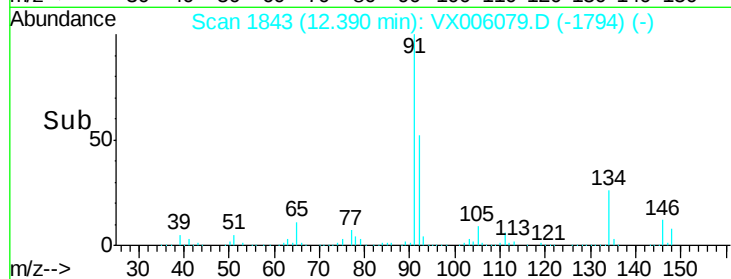
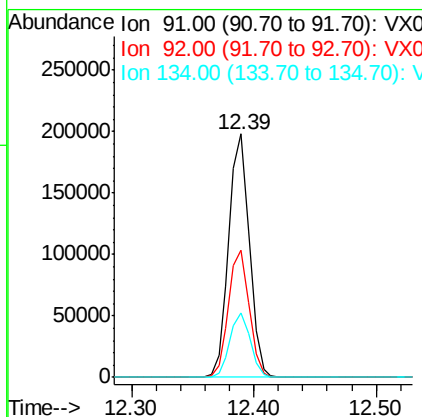
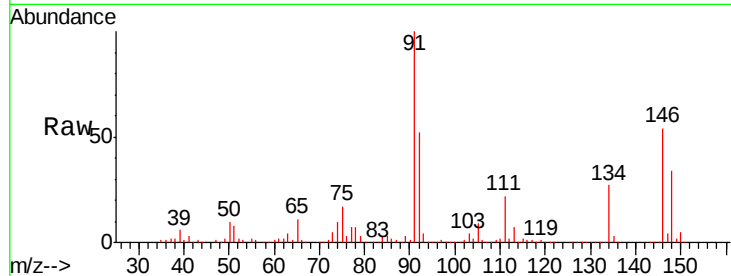




#89
n-Butylbenzene
Concen: 57.84 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

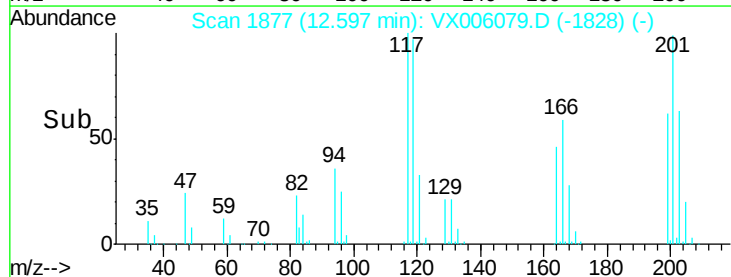
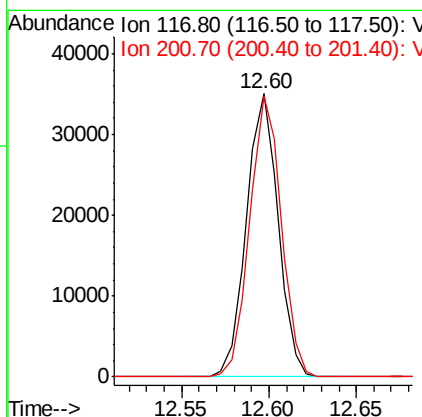
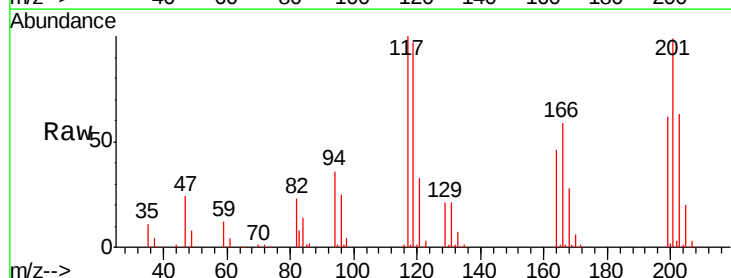
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

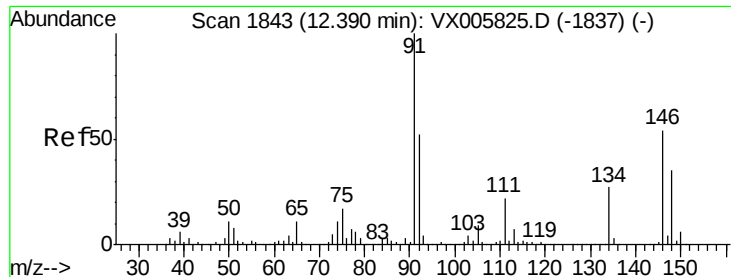
Tgt Ion: 91 Resp: 229943
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 61.54 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 117 Resp: 44069
Ion Ratio Lower Upper
117 100
201 98.9 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 53.62 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

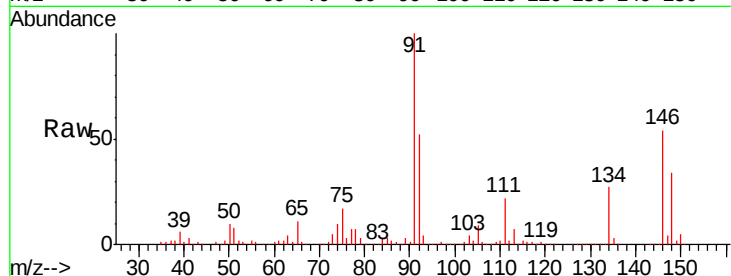
Tgt Ion:146 Resp: 133831

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

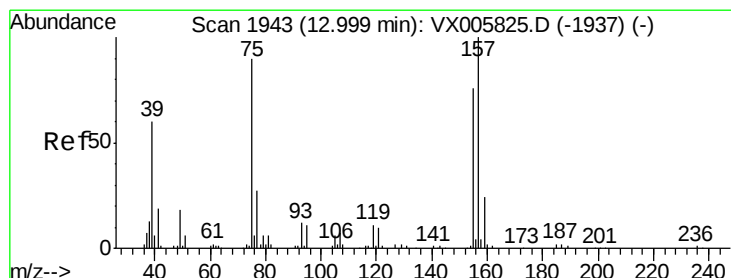
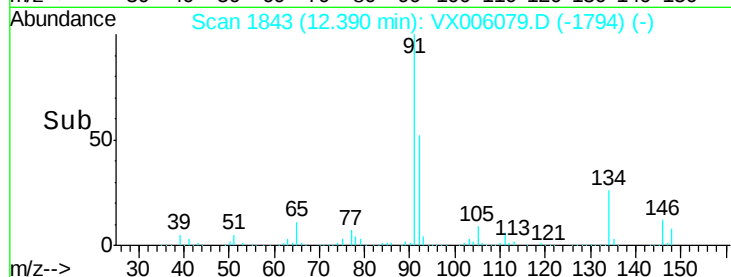
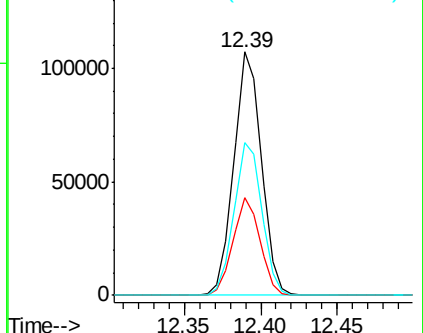
148 63.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.93 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

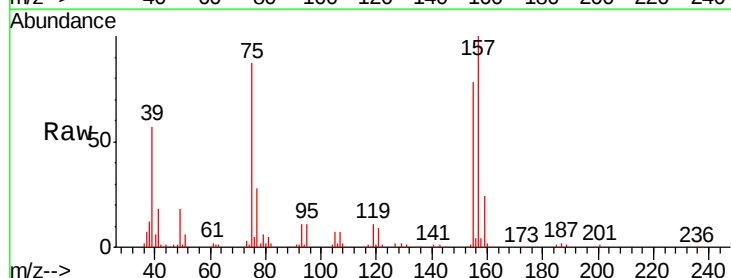
Tgt Ion: 75 Resp: 22660

Ion Ratio Lower Upper

75 100

155 92.2 45.4 136.1

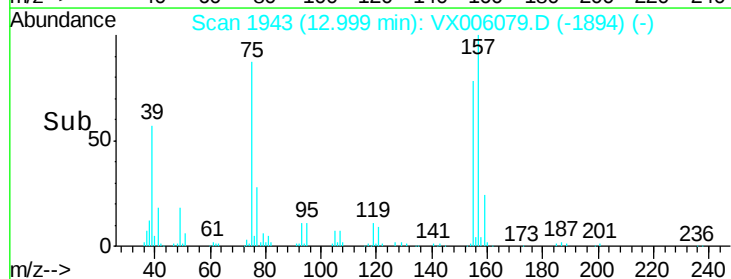
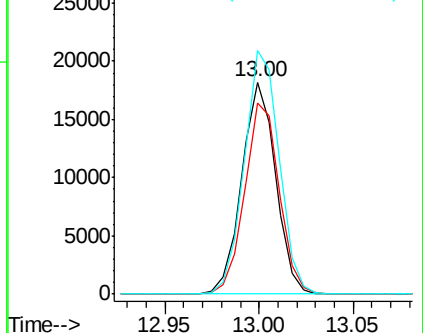
157 118.1 57.4 172.0

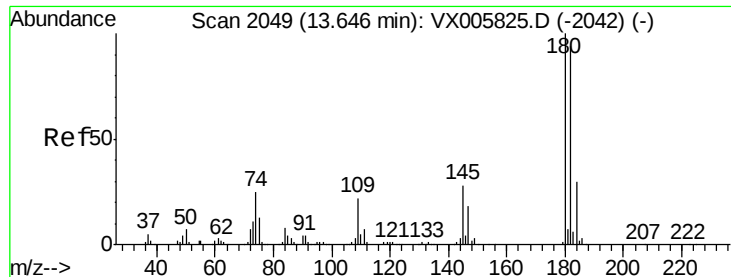


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

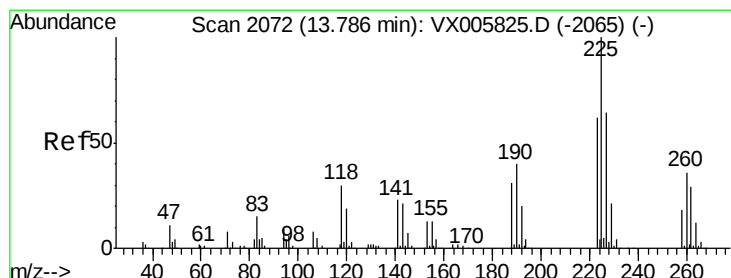
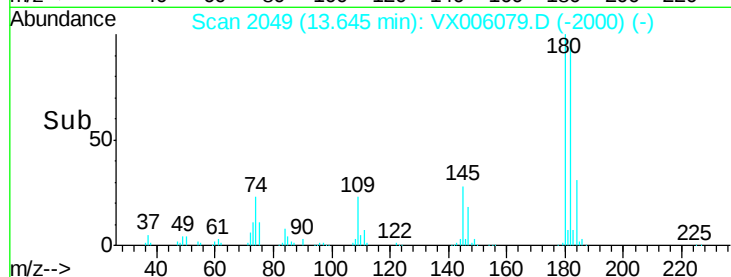
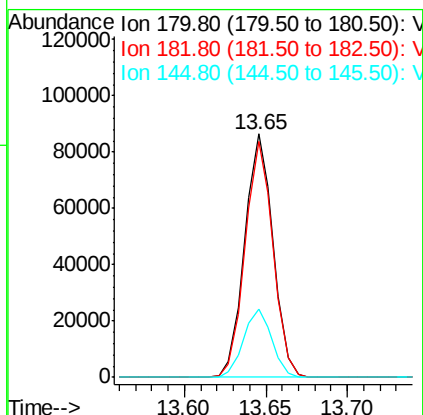
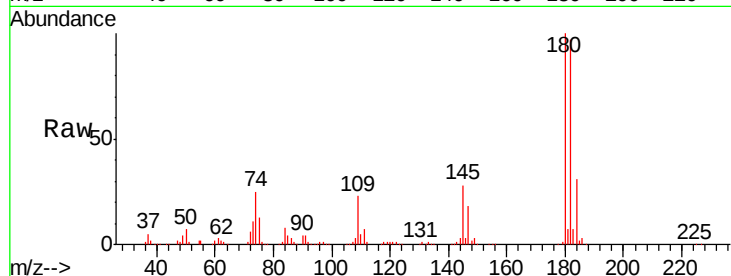




#93
 1,2,4-Trichlorobenzene
 Concen: 59.64 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

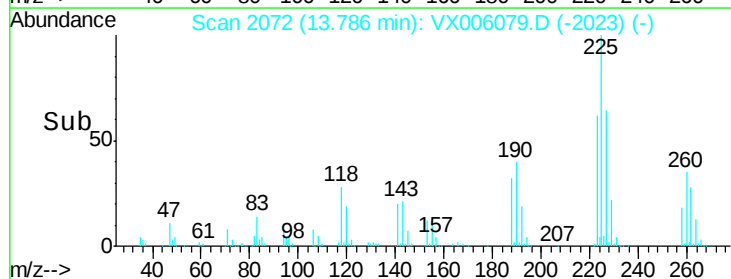
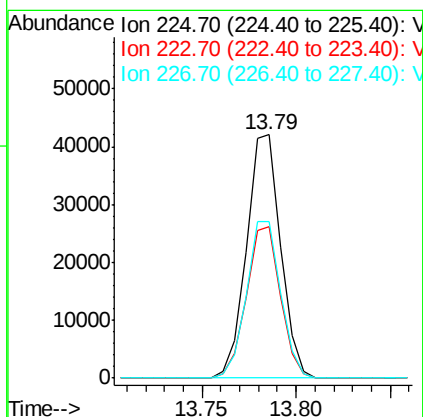
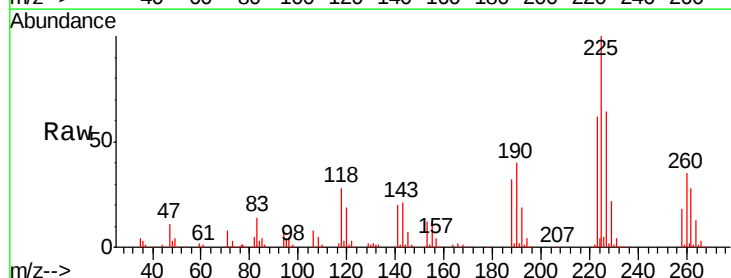
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 104790
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.8
 145 28.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 57.18 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion:225 Resp: 52774
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.7 95.1
 227 64.4 32.3 96.9

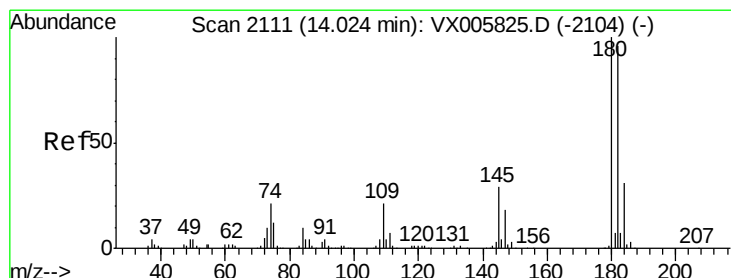
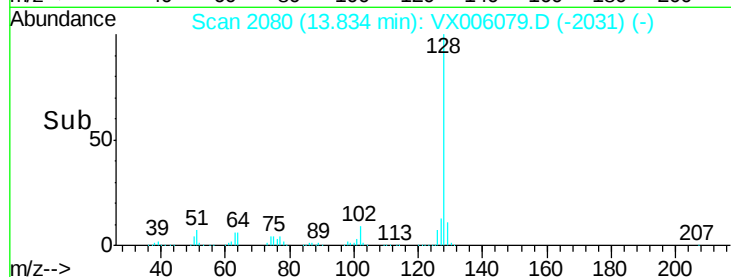
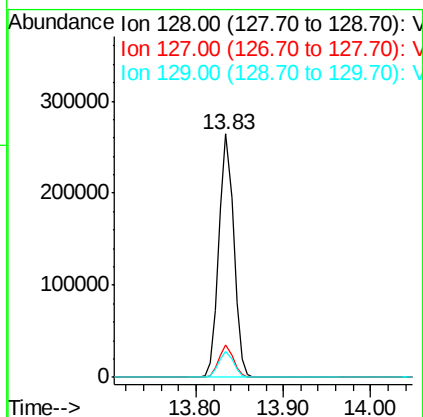
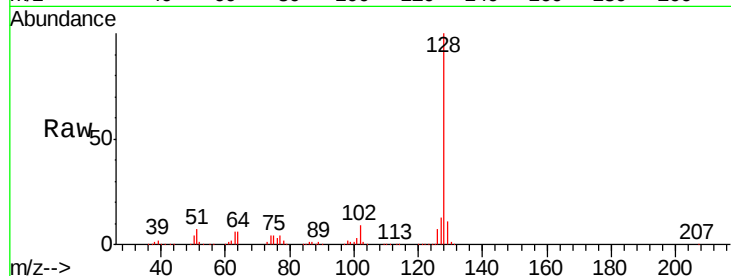




#95
Naphthalene
Concen: 53.65 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 307920
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 58.51 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion:180 Resp: 104749
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 29.6 15.1 45.3

