

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004440.D
 Acq On : 10 Sep 2018 10:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 11 01:16:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	368934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	513534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	493649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314888	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	207447	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	
35) Dibromofluoromethane	5.50	113	185093	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	8.71	98	686304	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.14	95	245576	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	164243	38.44	ug/l	97
3) Chloromethane	1.32	50	187304	39.72	ug/l	100
4) Vinyl Chloride	1.41	62	207512	42.93	ug/l	99
5) Bromomethane	1.64	94	85534	35.30	ug/l	99
6) Chloroethane	1.72	64	140926	40.52	ug/l	97
7) Trichlorofluoromethane	1.93	101	291137	43.95	ug/l	95
8) Diethyl Ether	2.19	74	131770	46.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	193138	46.55	ug/l	99
10) Methyl Iodide	2.51	142	191864	41.75	ug/l	98
11) Tert butyl alcohol	3.06	59	199927	195.05	ug/l	100
12) 1,1-Dichloroethene	2.37	96	170467	43.62	ug/l	99
13) Acrolein	2.29	56	45585	184.47	ug/l	95
14) Allyl chloride	2.73	41	343272	47.80	ug/l	97
15) Acrylonitrile	3.14	53	553804	218.16	ug/l	100
16) Acetone	2.44	43	467178	237.60	ug/l	98
17) Carbon Disulfide	2.57	76	435502	40.28	ug/l	99
18) Methyl Acetate	2.78	43	412218	57.77	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	609352	47.31	ug/l	98
20) Methylene Chloride	2.85	84	203629	43.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	186386	43.08	ug/l	98
22) Diisopropyl ether	3.87	45	662353	49.40	ug/l	98
23) Vinyl Acetate	3.82	43	2457138	226.12	ug/l	99
24) 1,1-Dichloroethane	3.70	63	369933	47.34	ug/l	99
25) 2-Butanone	4.69	43	702425	217.64	ug/l	97
26) 2,2-Dichloropropane	4.58	77	290715	47.44	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	219010	44.64	ug/l	99
28) Bromochloromethane	5.01	49	180102	52.06	ug/l	97
29) Tetrahydrofuran	5.15	42	440394	213.16	ug/l	98
30) Chloroform	5.21	83	358019	45.70	ug/l	98
31) Cyclohexane	5.57	56	302254	44.83	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	297907	45.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	267222	46.29	ug/l	99
37) Ethyl Acetate	4.85	43	250686	44.15	ug/l	100
38) Carbon Tetrachloride	5.78	117	259844	47.84	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	322149	48.87	ug/l	98
40) Benzene	6.14	78	817159	47.37	ug/l	99
41) Methacrylonitrile	5.06	41	154848	47.05	ug/l	99
42) 1,2-Dichloroethane	6.20	62	269298	45.76	ug/l	99
43) Isopropyl Acetate	6.46	43	411882	47.21	ug/l	99
44) Trichloroethene	7.21	130	228006	47.75	ug/l	99
45) 1,2-Dichloropropane	7.51	63	216366	50.11	ug/l	100
46) Dibromomethane	7.66	93	133913	46.58	ug/l	98
47) Bromodichloromethane	7.90	83	267657	50.04	ug/l	96
48) Methyl methacrylate	7.77	41	225864	48.38	ug/l	98
49) 1,4-Dioxane	7.75	88	90437	853.23	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1403053	221.33	ug/l	100
52) Toluene	8.79	92	524953	48.61	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	304820	51.59	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	334997	52.05	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	214898	49.30	ug/l	98
56) Ethyl methacrylate	9.18	69	307772	51.86	ug/l	97
57) 1,3-Dichloropropane	9.37	76	357827	48.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	662315	217.83	ug/l	99
59) 2-Hexanone	9.49	43	1100858	227.63	ug/l	100
60) Dibromochloromethane	9.59	129	220614	51.95	ug/l	99
61) 1,2-Dibromoethane	9.67	107	214913	47.64	ug/l	99
64) Tetrachloroethene	9.34	164	256178	52.53	ug/l	100
65) Chlorobenzene	10.14	112	589346	47.57	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	205549	48.10	ug/l	98
67) Ethyl Benzene	10.25	91	969792	48.20	ug/l	99
68) m/p-Xylenes	10.36	106	763735	97.07	ug/l	99
69) o-Xylene	10.70	106	366221	49.21	ug/l	97
70) Styrene	10.71	104	615044	51.04	ug/l	100
71) Bromoform	10.86	173	164402	47.73	ug/l	98
73) Isopropylbenzene	11.02	105	989883	47.86	ug/l	99
74) N-amyl acetate	10.90	43	363578	45.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	283939	39.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	342432	53.47	ug/l	88
77) Bromobenzene	11.26	156	252330	43.49	ug/l	95
78) n-propylbenzene	11.36	91	1115331	46.89	ug/l	99
79) 2-Chlorotoluene	11.42	91	667909	45.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	851306	49.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	90068	45.63	ug/l	94
82) 4-Chlorotoluene	11.51	91	816658	47.40	ug/l	99
83) tert-Butylbenzene	11.77	119	842695	48.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	881959	50.17	ug/l	100
85) sec-Butylbenzene	11.94	105	1084975	53.03	ug/l	100
86) p-Isopropyltoluene	12.07	119	988788	53.93	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	516001	47.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	522468	45.37	ug/l	99
89) n-Butylbenzene	12.39	91	879415	58.99	ug/l	100
90) Hexachloroethane	12.60	117	142558	55.63	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	520341	52.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57417	45.04	ug/l	92

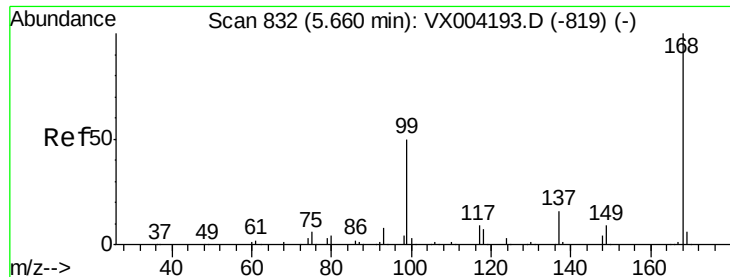
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	376366	51.82	ug/l	98
94) Hexachlorobutadiene	13.79	225	188942	55.93	ug/l	95
95) Naphthalene	13.83	128	1043620	50.80	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	380034	49.42	ug/l	98

(#) = 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: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

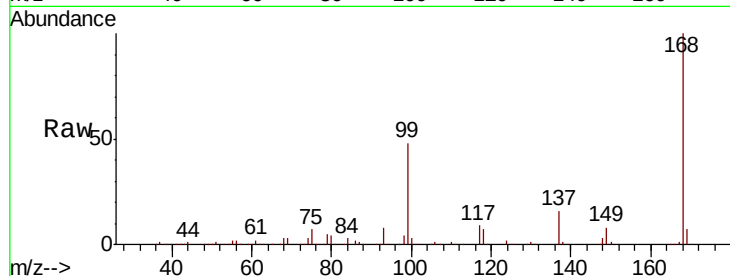
VSTDCCC050

Tot Ion:168 Resp: 368934

Ion Ratio Lower Upper

168 100

99 48.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

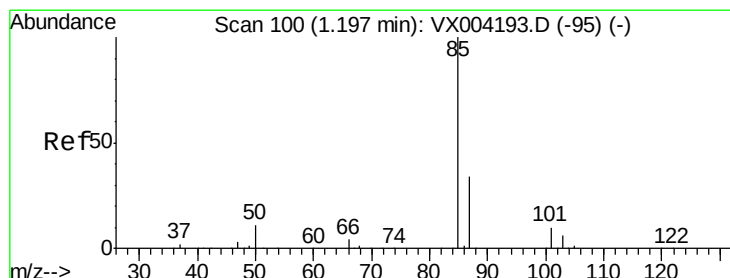
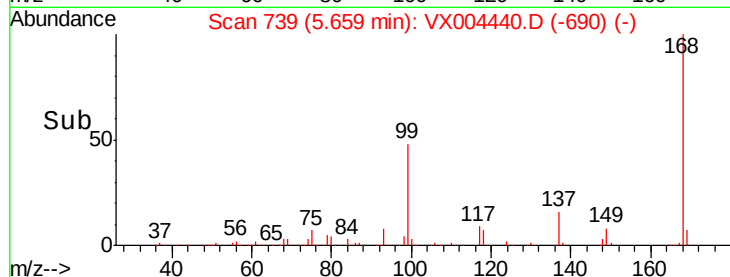
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.44 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004440.D

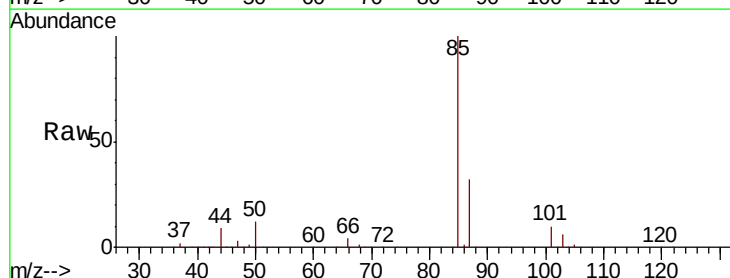
Acq: 10 Sep 2018 10:42

Tgt Ion: 85 Resp: 164243

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

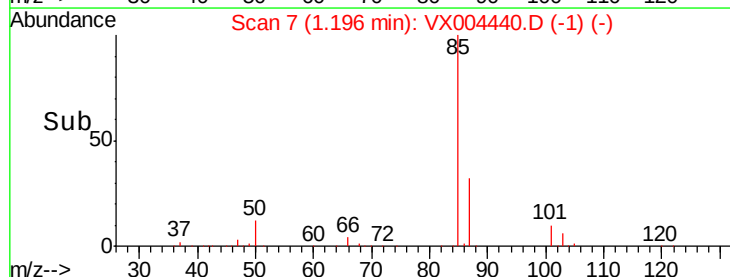
150000

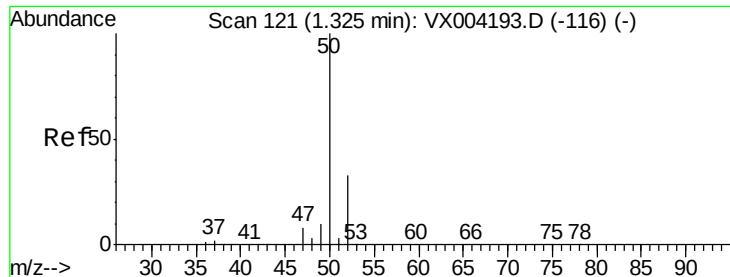
100000

50000

0

Time-->





#3

Chloromethane

Concen: 39.72 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

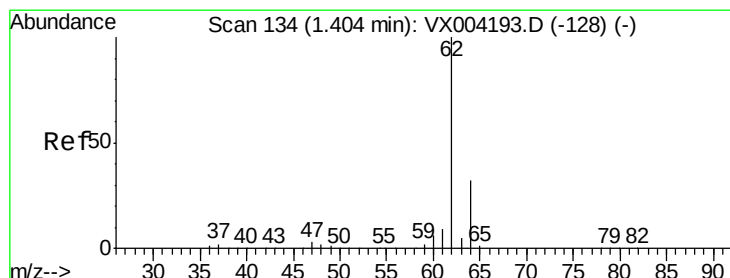
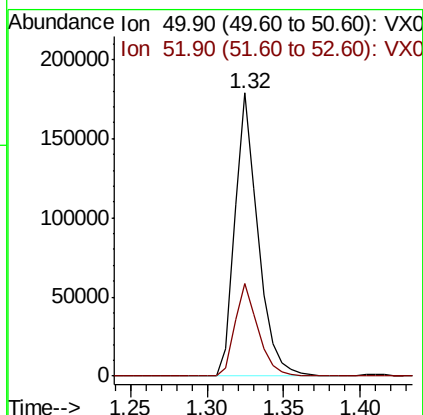
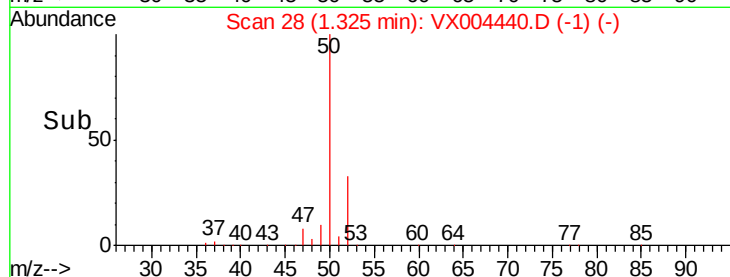
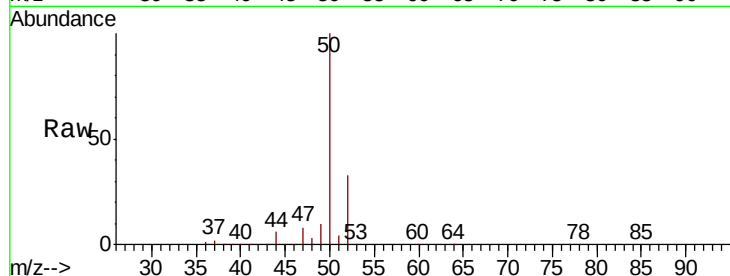
VSTDCCC050

Tot Ion: 50 Resp: 187304

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 42.93 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX004440.D

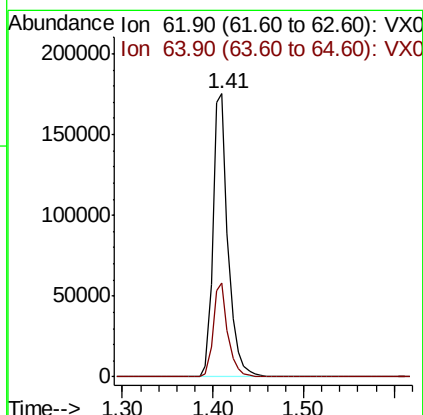
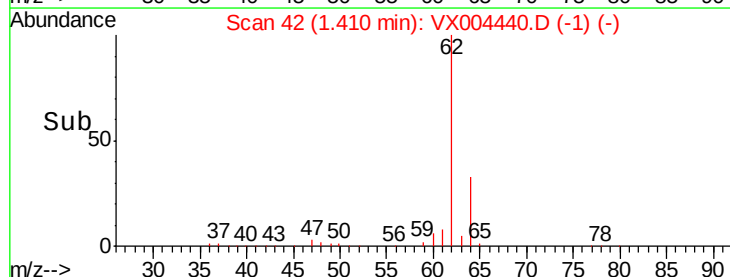
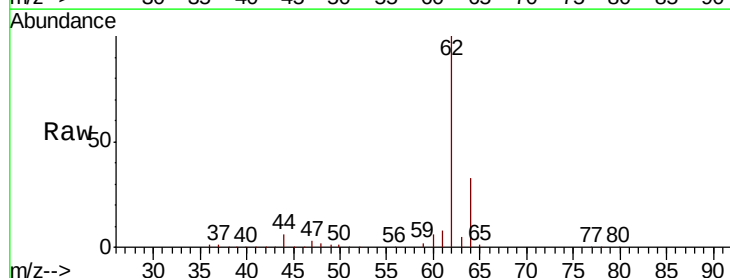
Acq: 10 Sep 2018 10:42

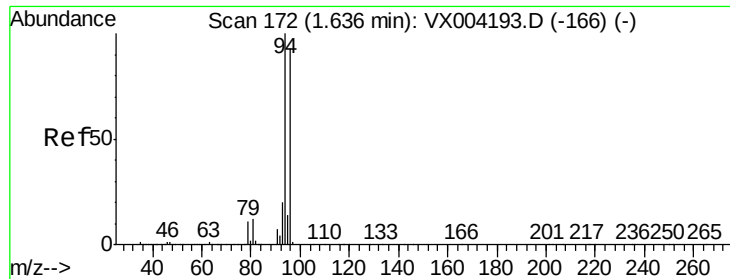
Tgt Ion: 62 Resp: 207512

Ion Ratio Lower Upper

62 100

64 33.0 25.8 38.8





#5

Bromomethane

Concen: 35.30 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

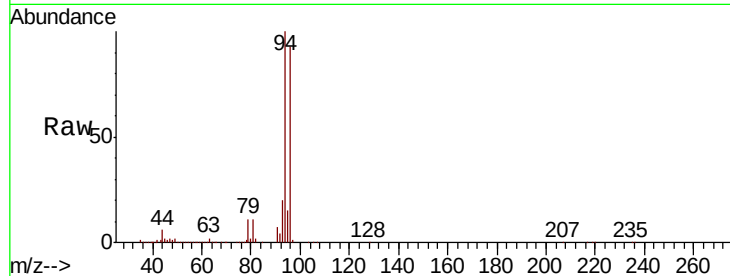
VSTDCCC050

Tot Ion: 94 Resp: 85534

Ion Ratio Lower Upper

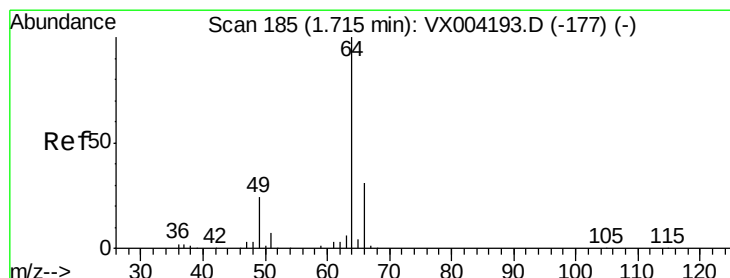
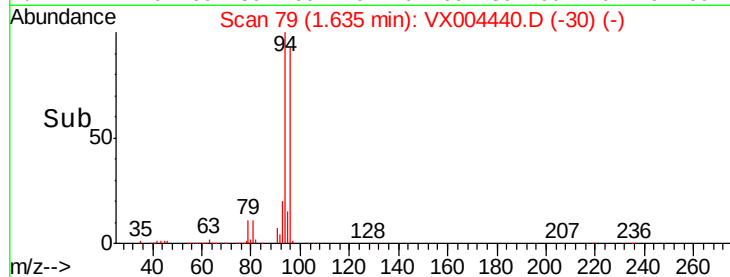
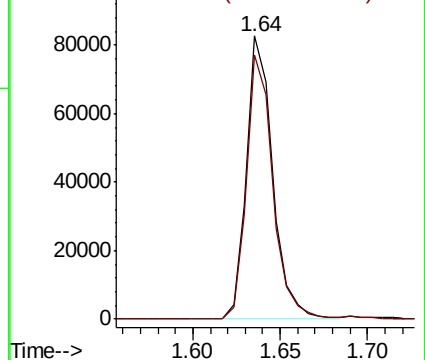
94 100

96 93.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 40.52 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004440.D

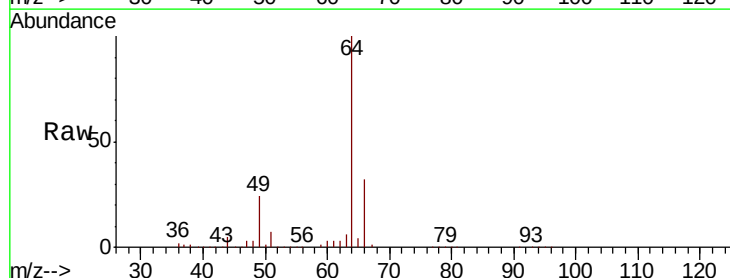
Acq: 10 Sep 2018 10:42

Tgt Ion: 64 Resp: 140926

Ion Ratio Lower Upper

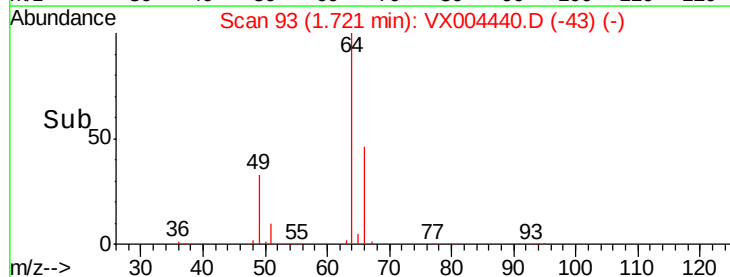
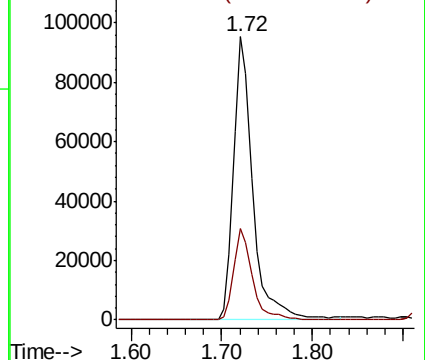
64 100

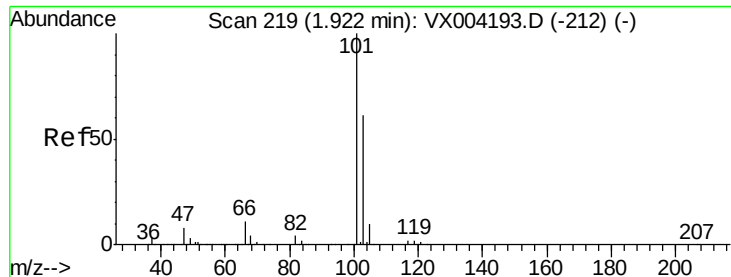
66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 43.95 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

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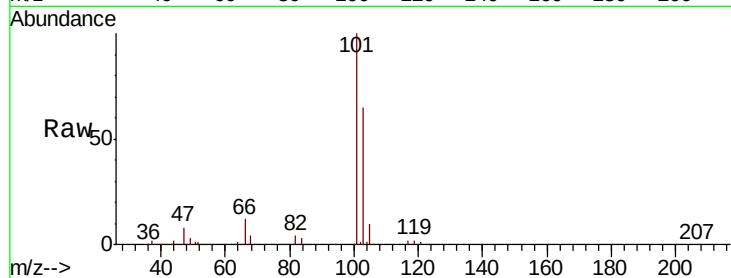
VSTDCCC050

Tot Ion:101 Resp: 291137

Ion Ratio Lower Upper

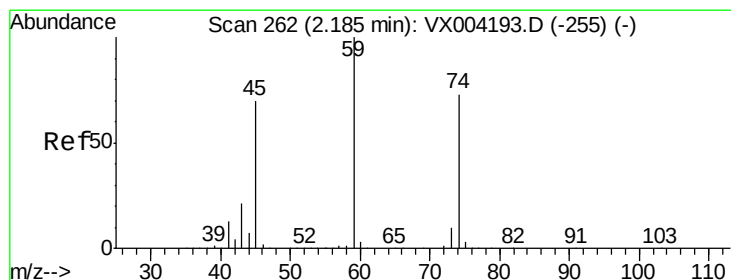
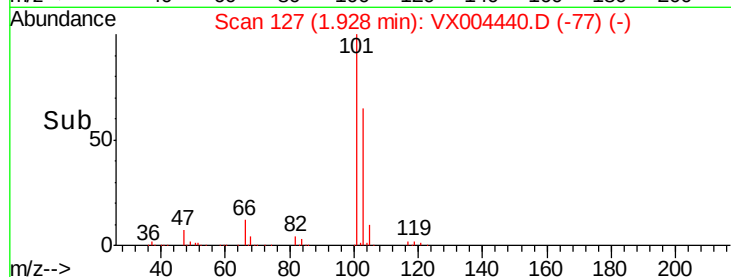
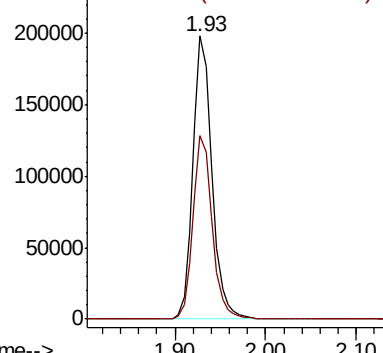
101 100

103 64.9 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 46.45 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004440.D

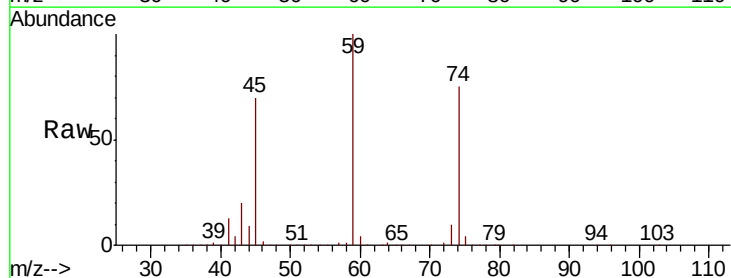
Acq: 10 Sep 2018 10:42

Tgt Ion: 74 Resp: 131770

Ion Ratio Lower Upper

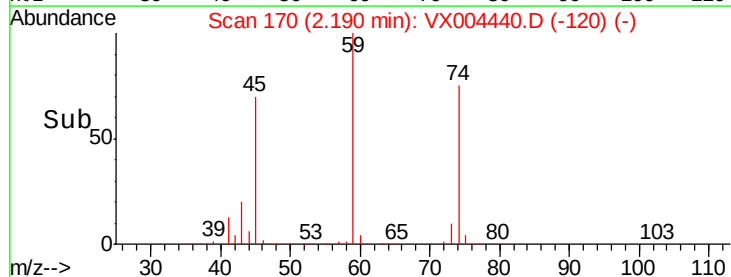
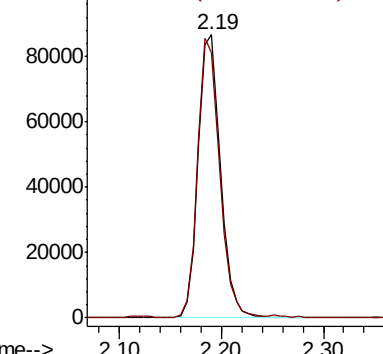
74 100

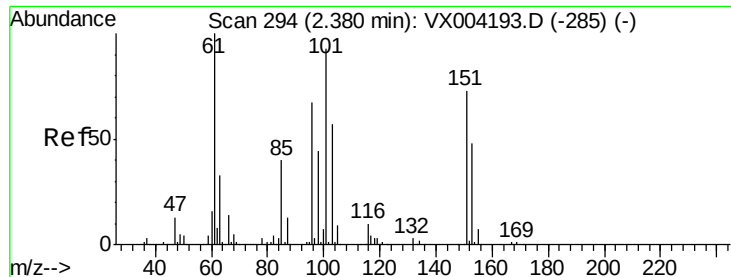
45 97.0 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.55 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

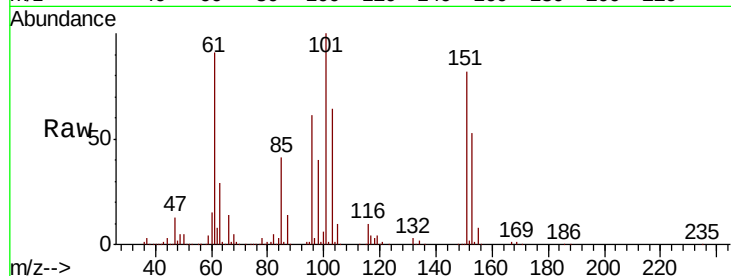
Tot Ion:101 Resp: 193138

Ion Ratio Lower Upper

101 100

85 41.8 34.2 51.4

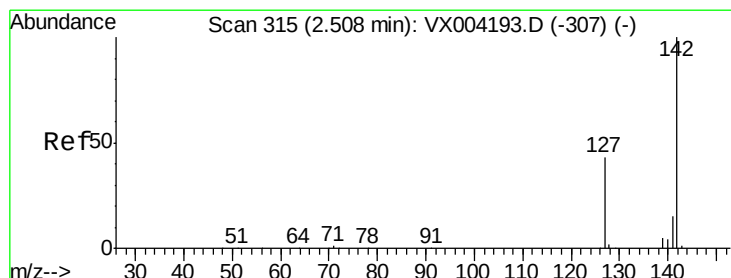
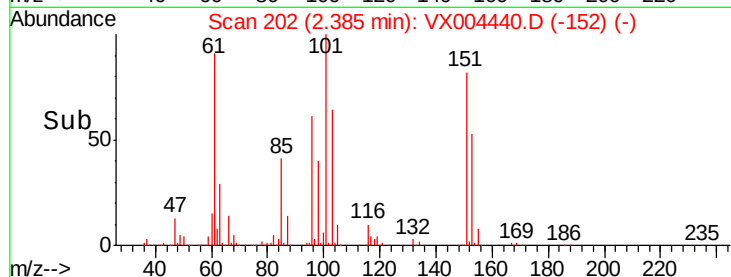
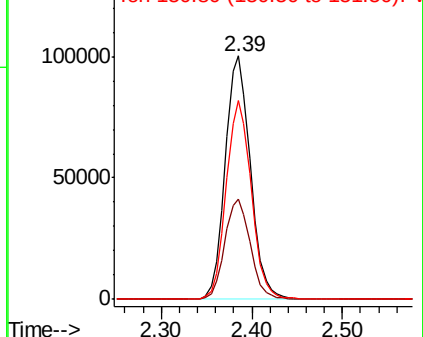
151 81.5 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.75 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

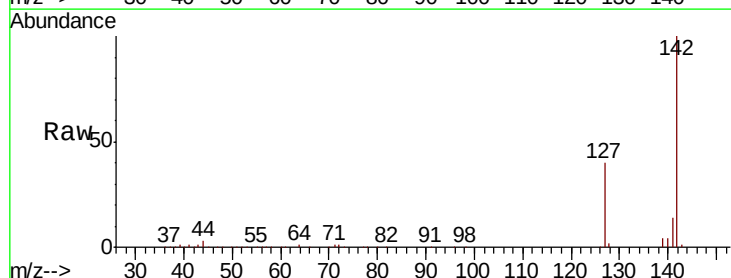
Tgt Ion:142 Resp: 191864

Ion Ratio Lower Upper

142 100

127 40.4 33.8 50.6

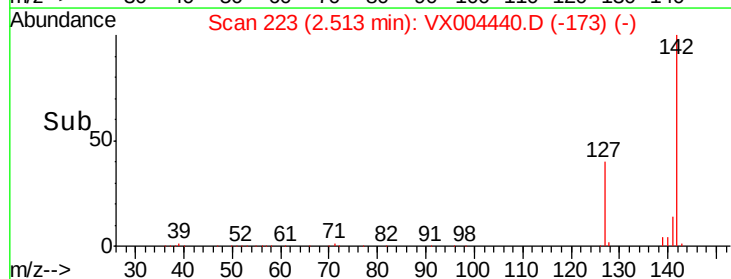
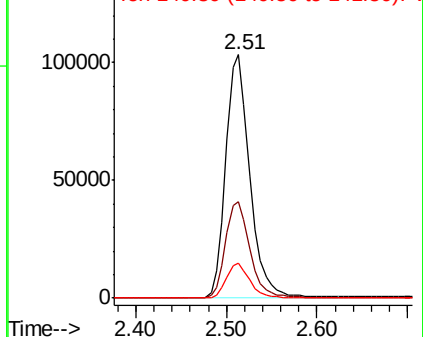
141 13.9 11.4 17.0

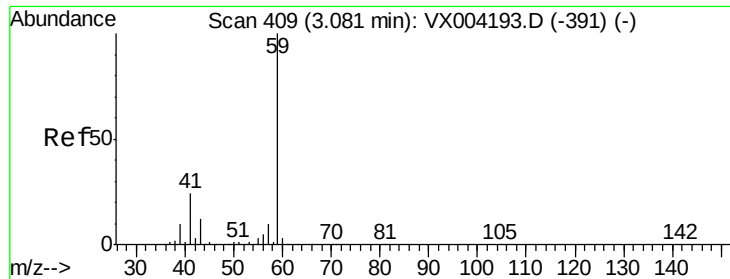


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

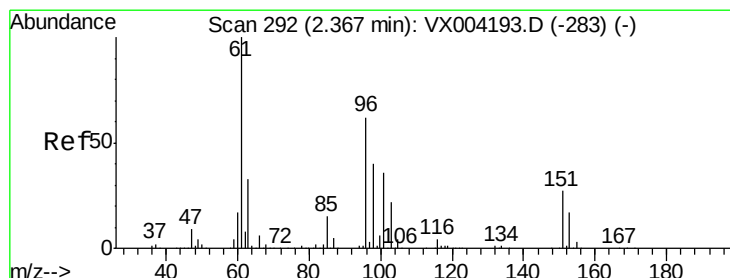
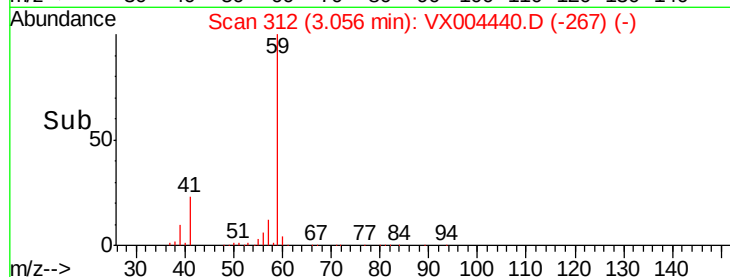
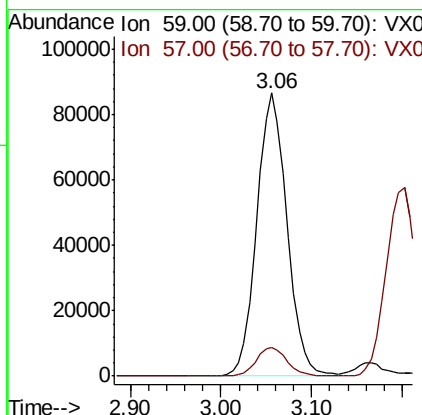
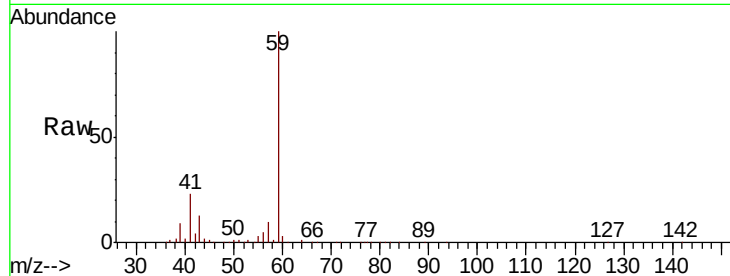




#11
Tert butyl alcohol
Concen: 195.05 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

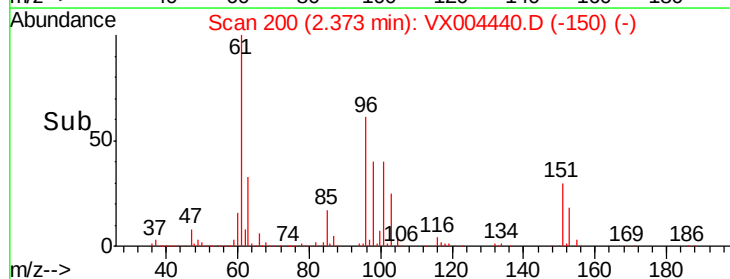
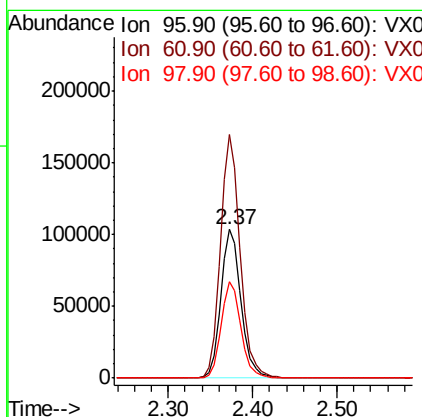
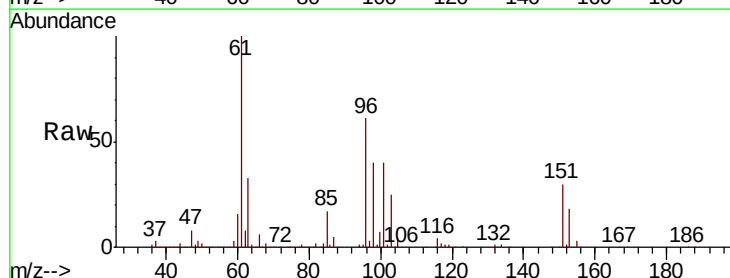
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

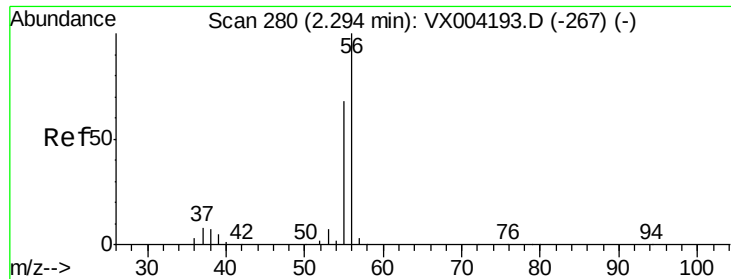
Tot Ion: 59 Resp: 199927
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 43.62 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion: 96 Resp: 170467
Ion Ratio Lower Upper
96 100
61 163.7 128.8 193.2
98 65.1 52.2 78.2

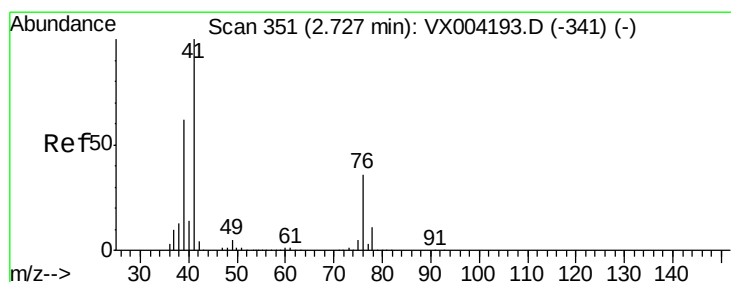
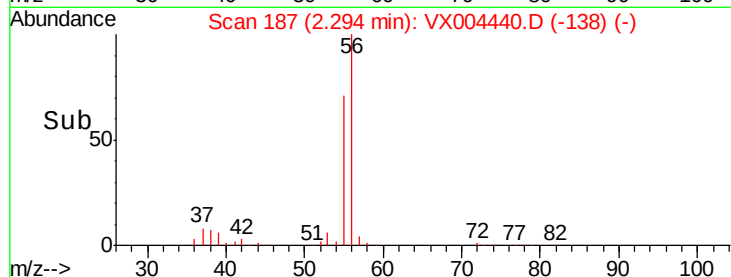
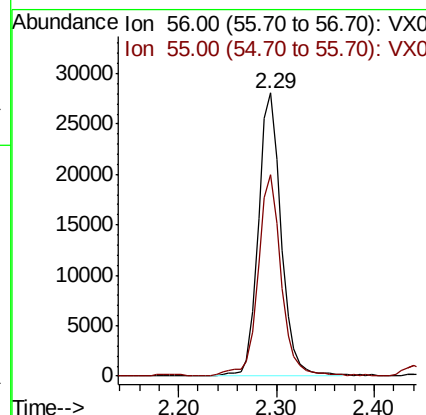
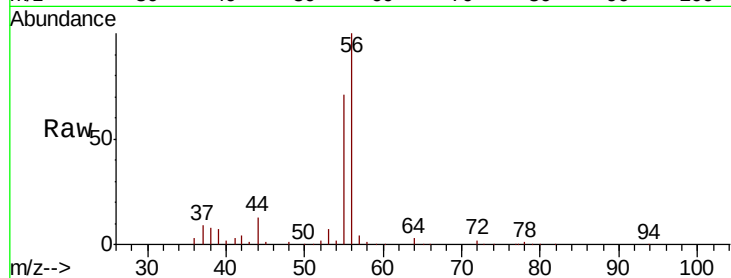




#13
Acrolein
Concen: 184.47 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

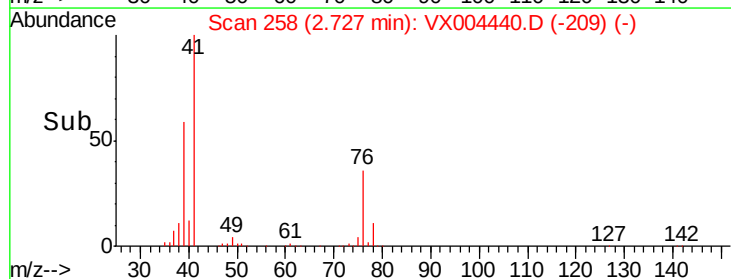
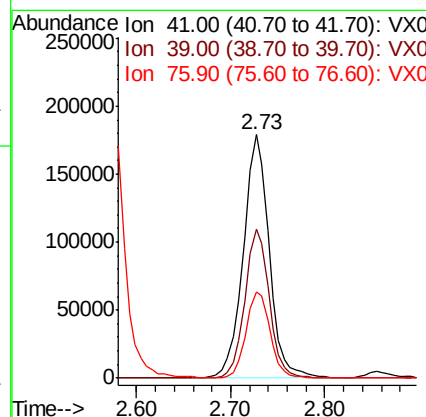
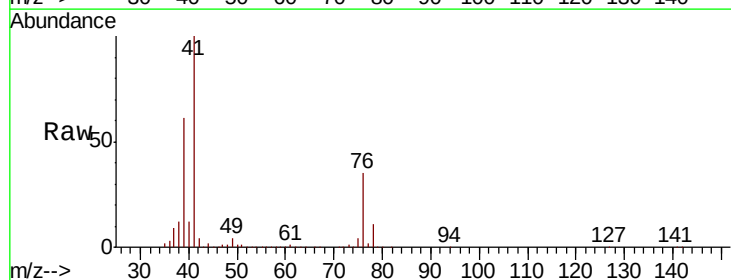
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

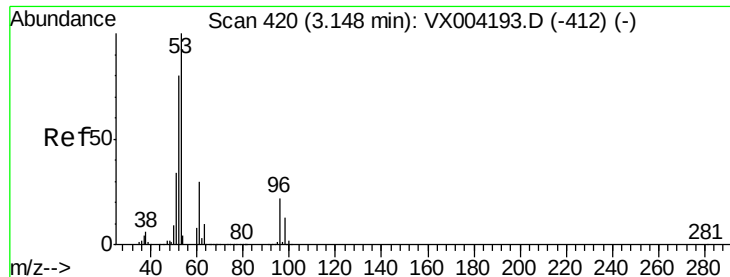
Tot Ion: 56 Resp: 45585
Ion Ratio Lower Upper
56 100
55 72.5 54.7 82.1



#14
Allyl chloride
Concen: 47.80 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion: 41 Resp: 343272
Ion Ratio Lower Upper
41 100
39 57.7 48.9 73.3
76 32.9 26.7 40.1





#15

Acrylonitrile

Concen: 218.16 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

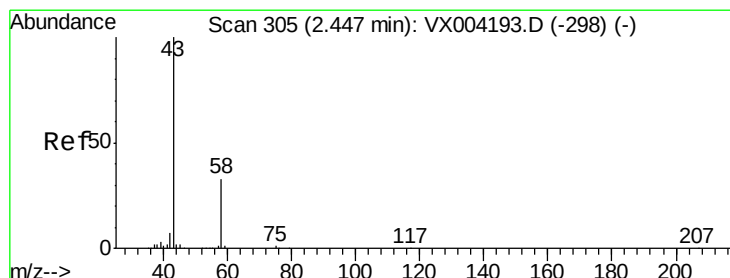
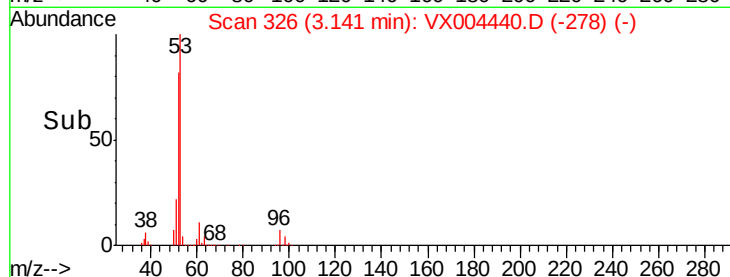
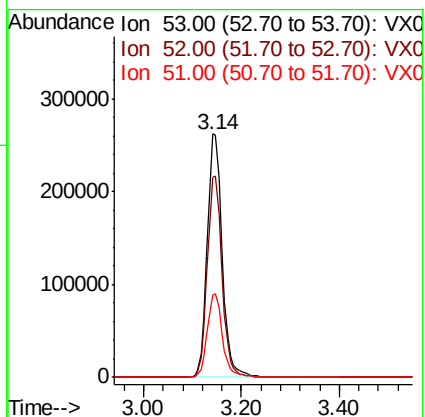
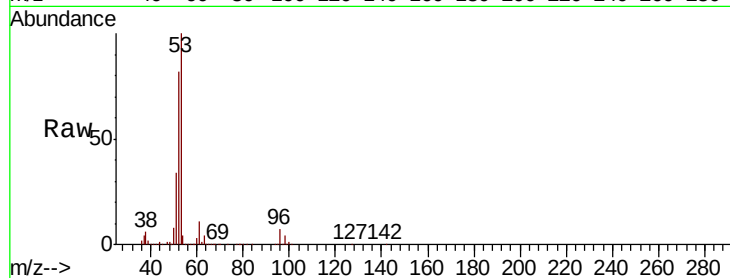
Tot Ion: 53 Resp: 553804

Ion Ratio Lower Upper

53 100

52 81.7 65.2 97.8

51 34.8 28.2 42.2



#16

Acetone

Concen: 237.60 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004440.D

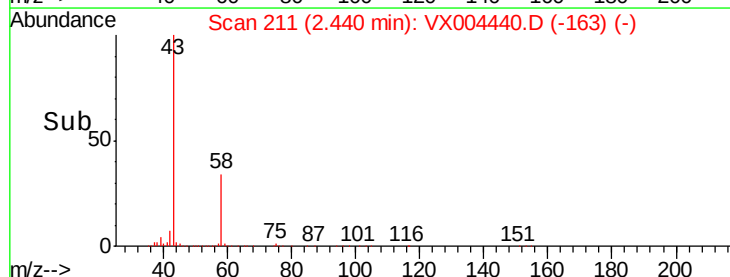
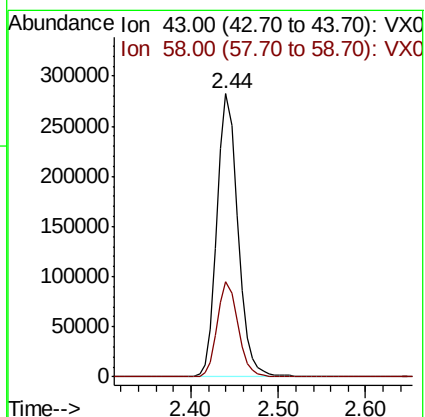
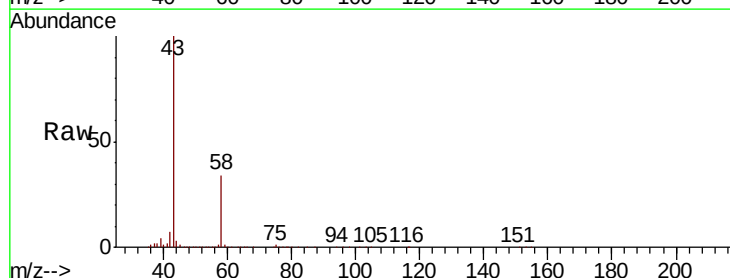
Acq: 10 Sep 2018 10:42

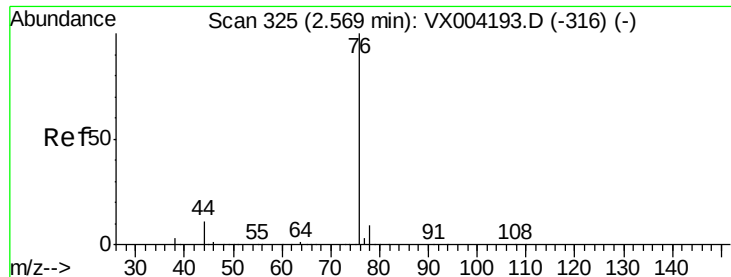
Tgt Ion: 43 Resp: 467178

Ion Ratio Lower Upper

43 100

58 33.7 26.2 39.4





#17

Carbon Disulfide

Concen: 40.28 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

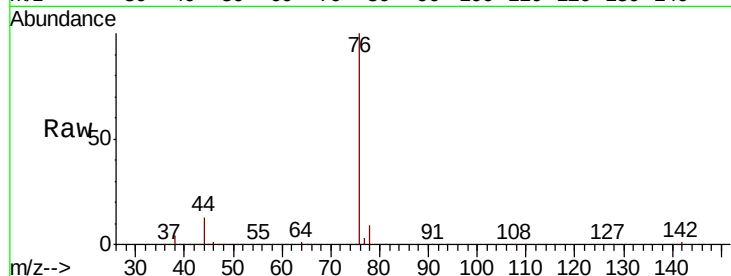
VSTDCCC050

Tot Ion: 76 Resp: 435502

Ion Ratio Lower Upper

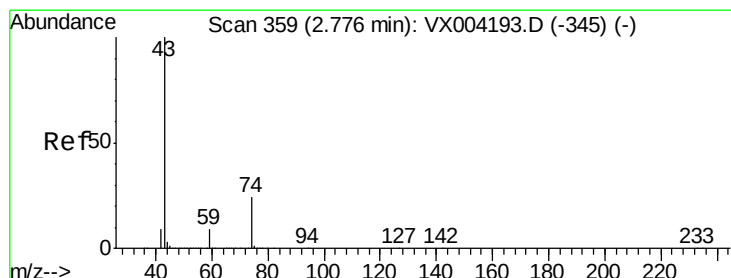
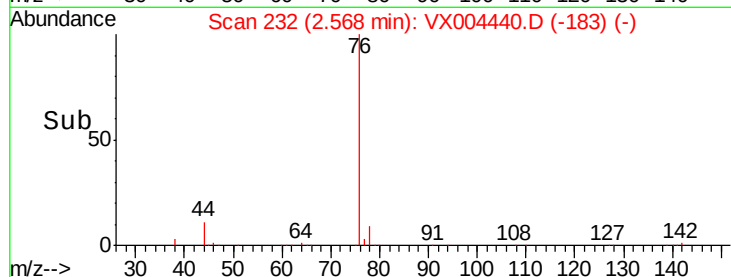
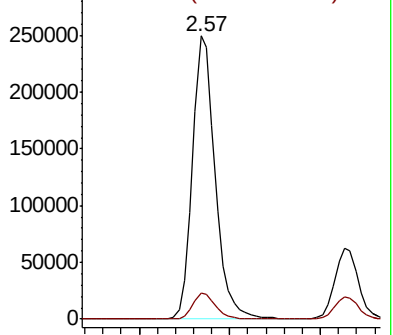
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.77 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004440.D

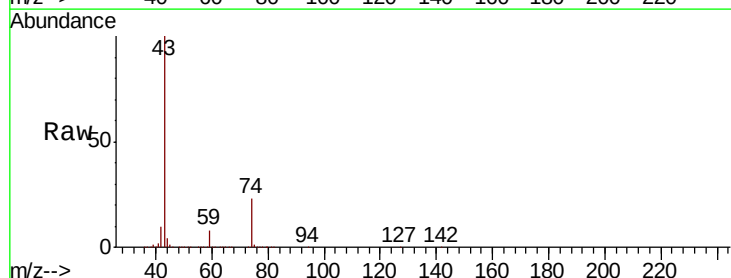
Acq: 10 Sep 2018 10:42

Tgt Ion: 43 Resp: 412218

Ion Ratio Lower Upper

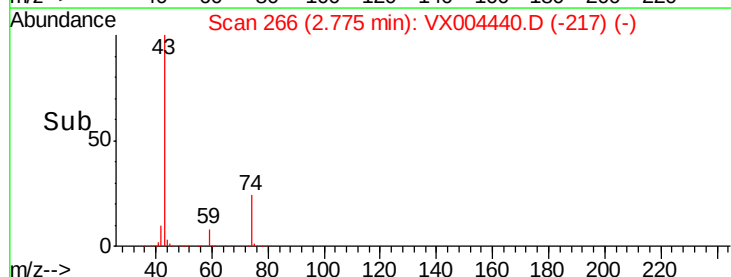
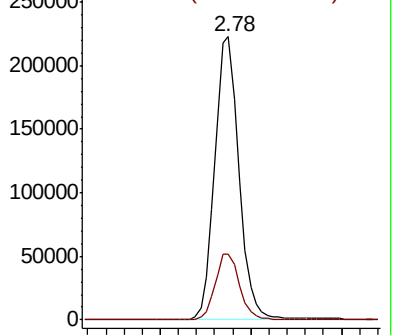
43 100

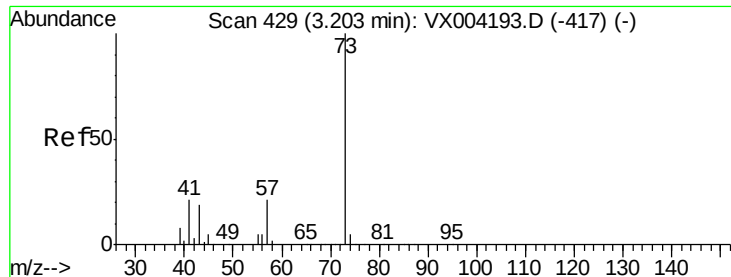
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

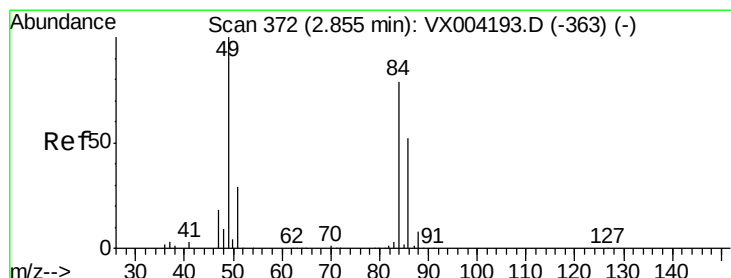
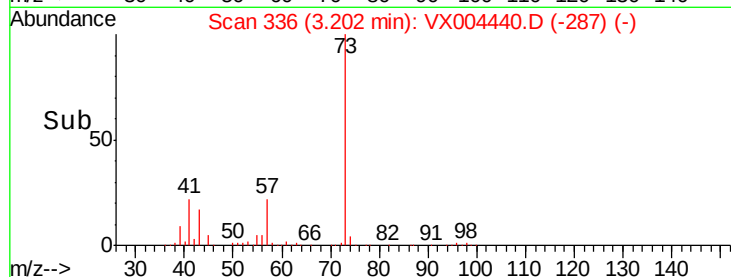
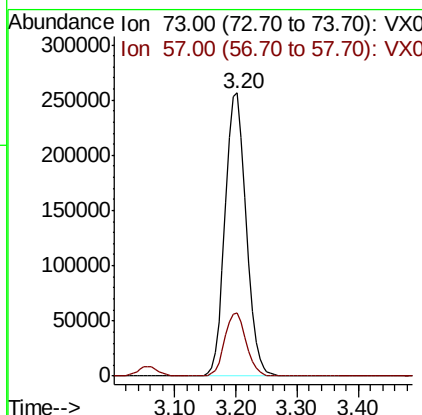
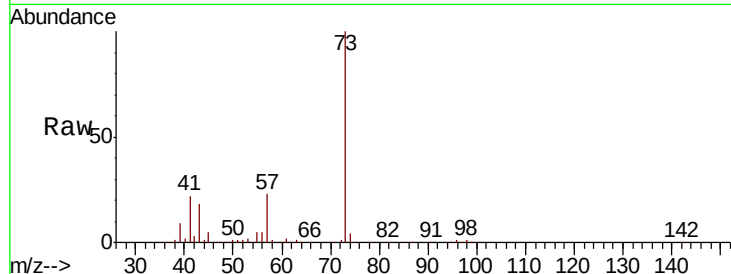




#19
Methyl tert-butyl Ether
Concen: 47.31 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

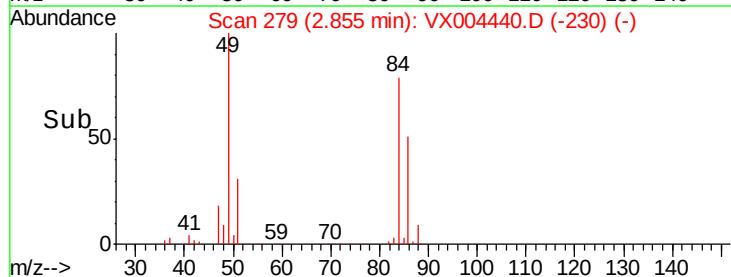
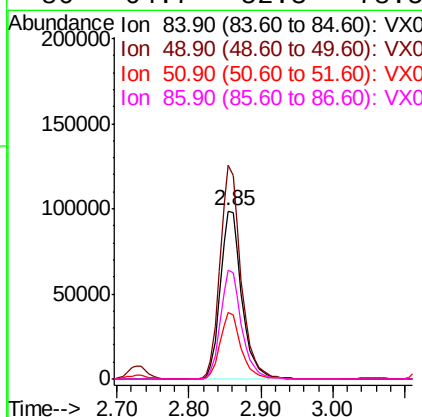
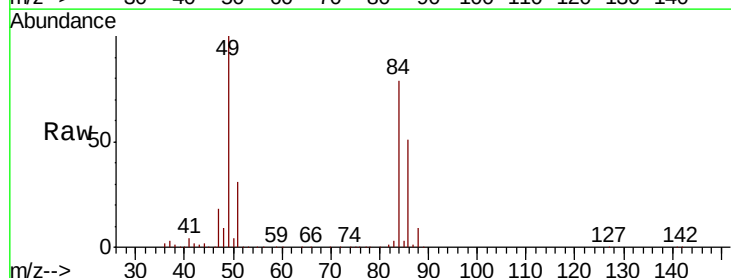
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

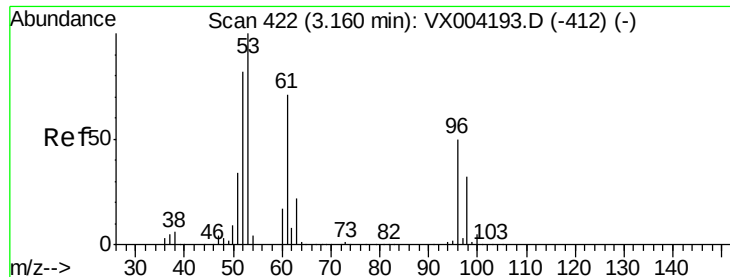
Tot Ion: 73 Resp: 609352
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 43.99 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion: 84 Resp: 203629
Ion Ratio Lower Upper
84 100
49 127.3 101.2 151.8
51 39.8 29.5 44.3
86 64.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 43.08 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

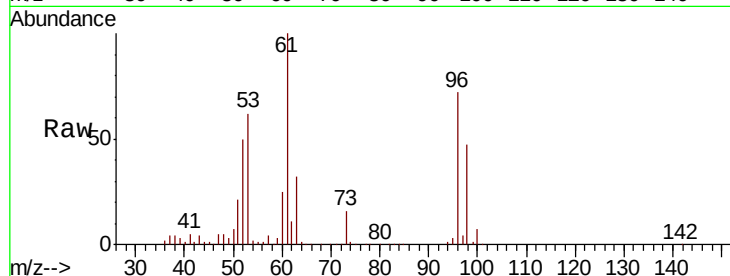
Tot Ion: 96 Resp: 186386

Ion Ratio Lower Upper

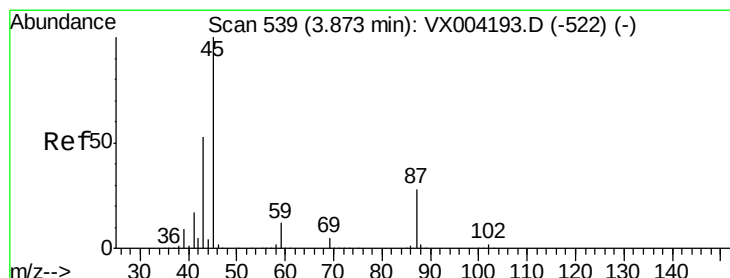
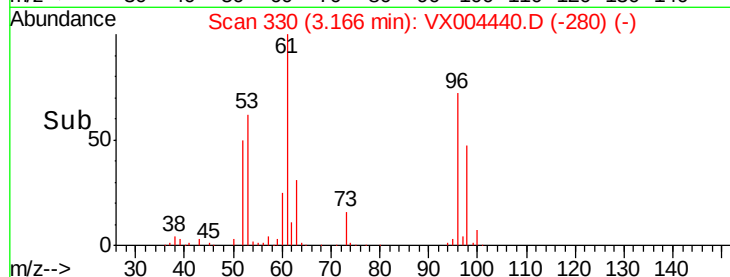
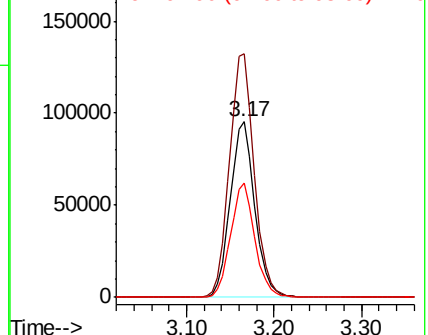
96 100

61 138.6 113.8 170.6

98 65.1 51.8 77.8



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



#22

Diisopropyl ether

Concen: 49.40 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Tgt Ion: 45 Resp: 662353

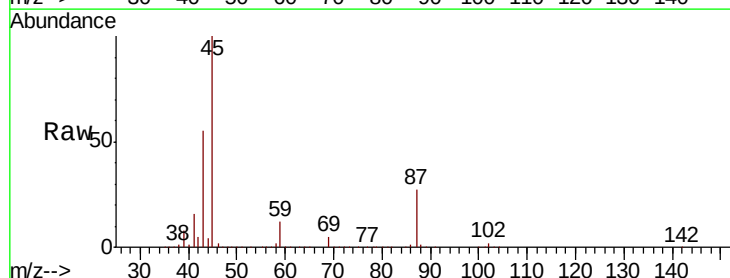
Ion Ratio Lower Upper

45 100

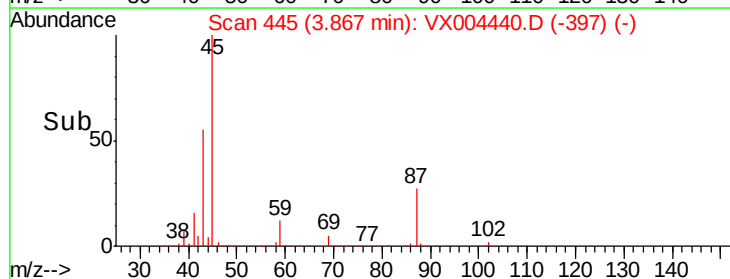
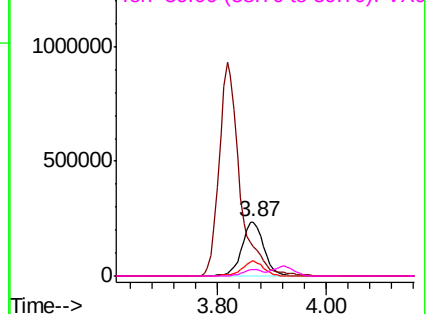
43 55.0 42.8 64.2

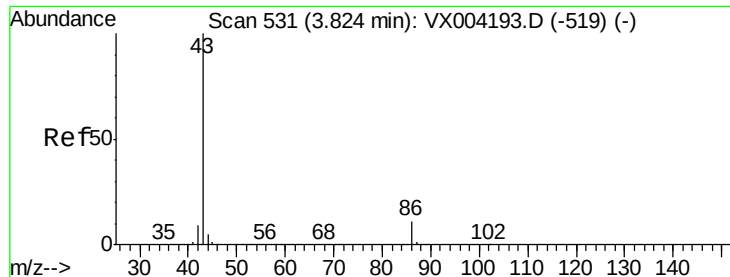
87 27.1 22.6 34.0

59 11.8 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 226.12 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

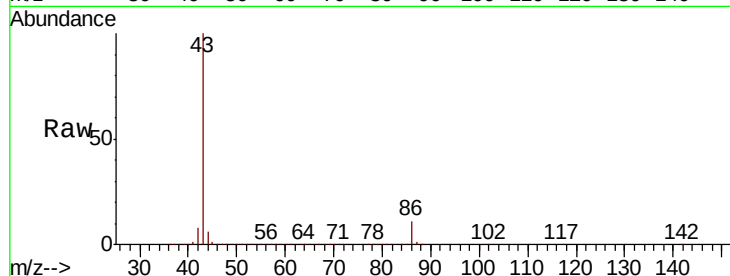
VSTDCCC050

Tot Ion: 43 Resp: 2457138

Ion Ratio Lower Upper

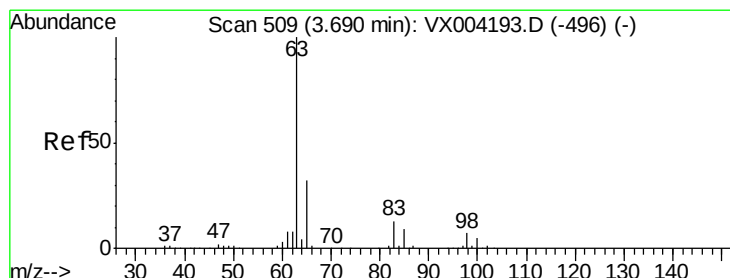
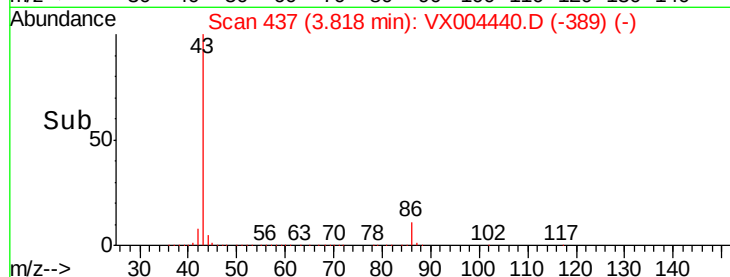
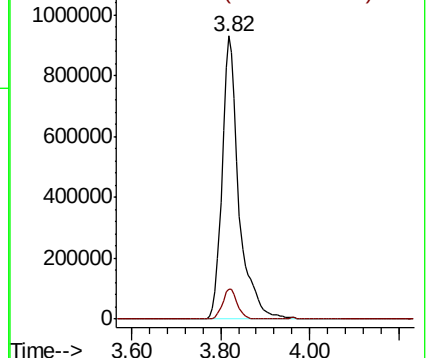
43 100

86 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.34 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

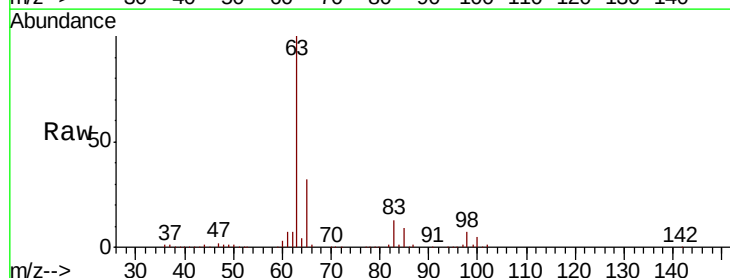
Tgt Ion: 63 Resp: 369933

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

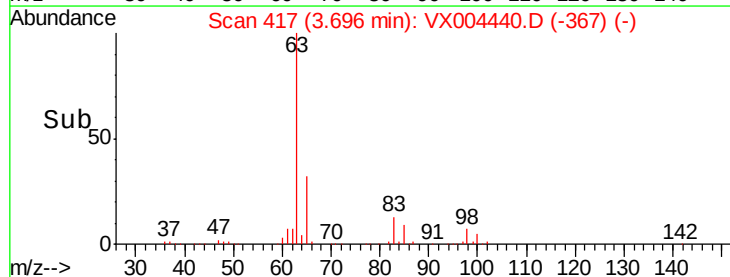
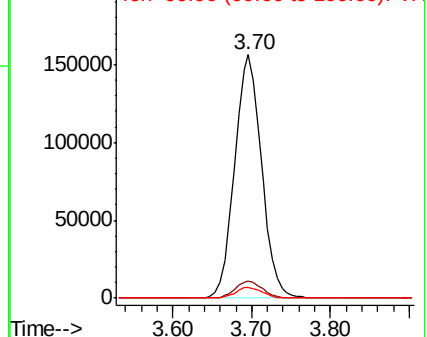
100 4.5 2.4 7.1

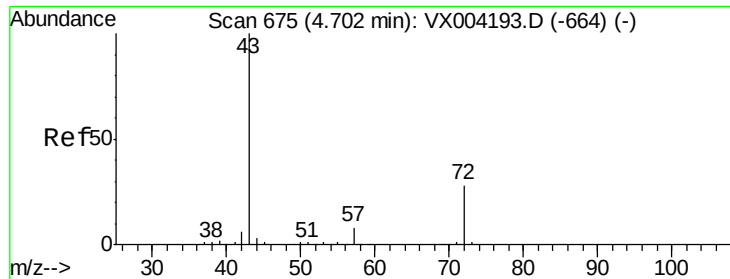


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 217.64 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

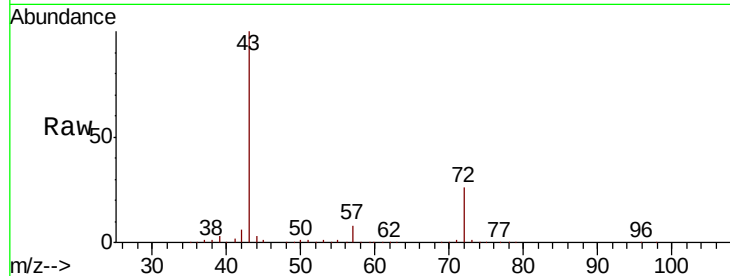
VSTDCCC050

Tot Ion: 43 Resp: 702425

Ion Ratio Lower Upper

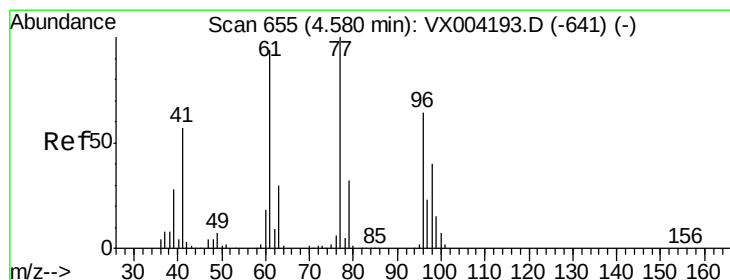
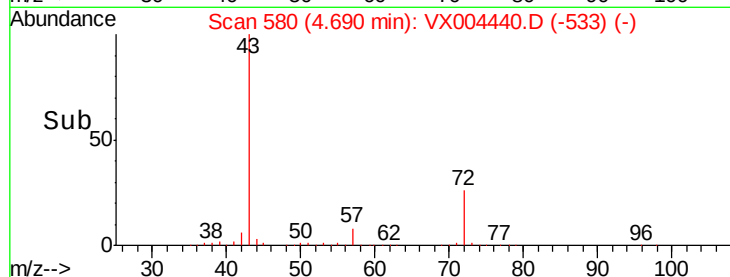
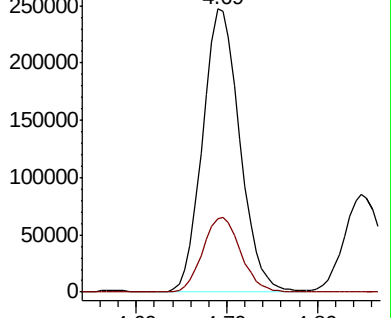
43 100

72 26.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.44 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004440.D

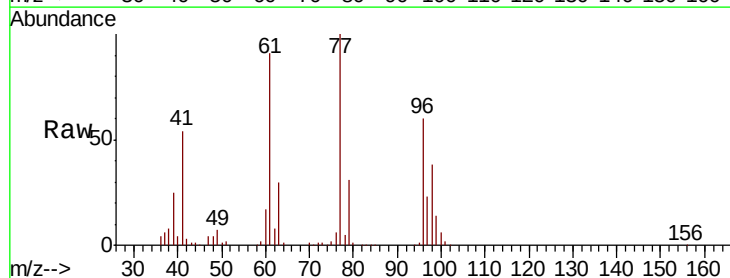
Acq: 10 Sep 2018 10:42

Tgt Ion: 77 Resp: 290715

Ion Ratio Lower Upper

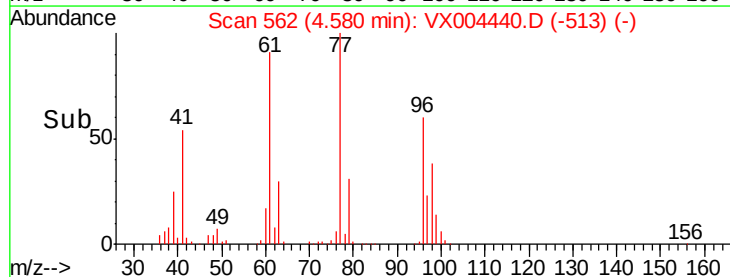
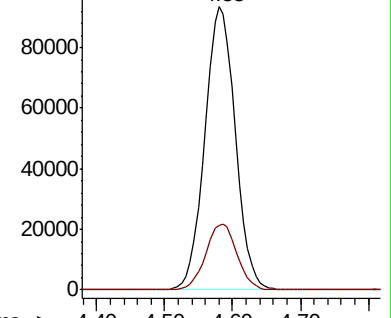
77 100

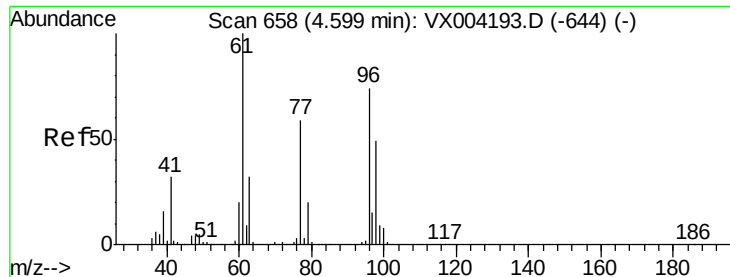
97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



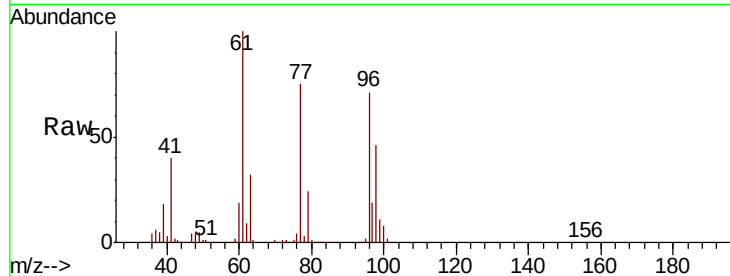


#27

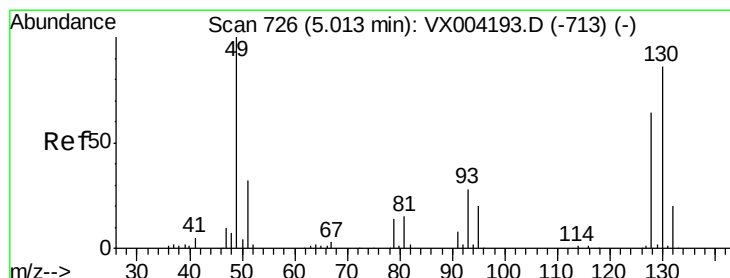
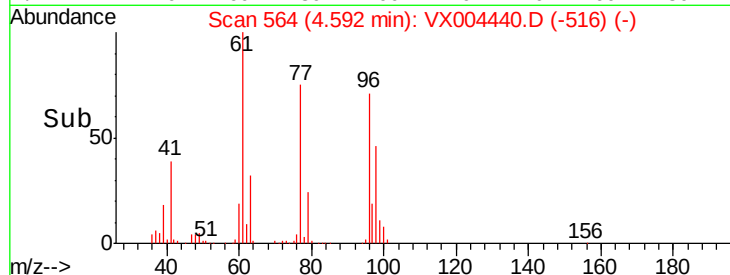
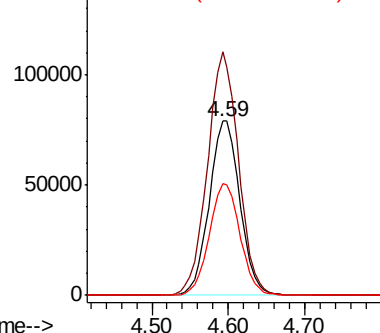
cis-1,2-Dichloroethene
 Concen: 44.64 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 219010
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 282.6
 98 64.4 0.0 130.2



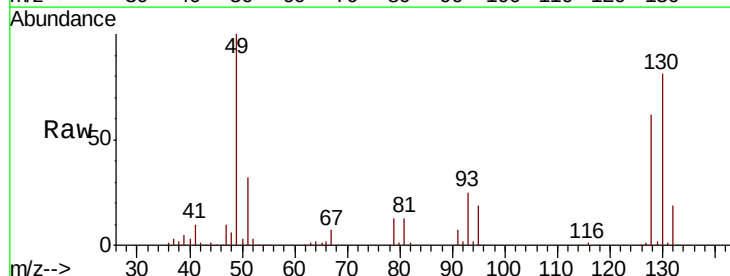
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



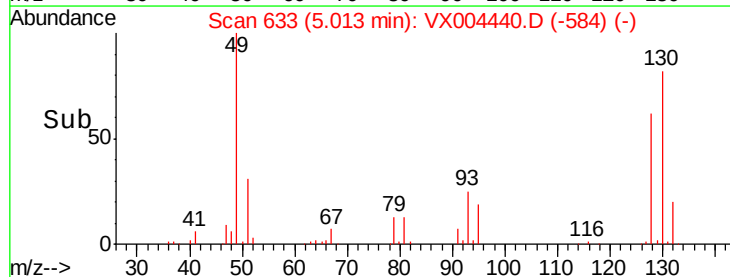
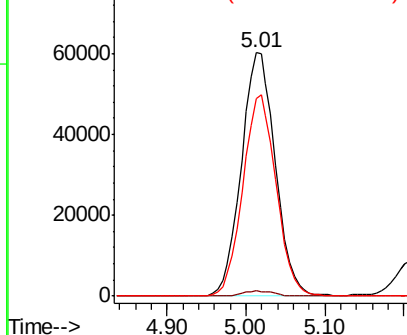
#28

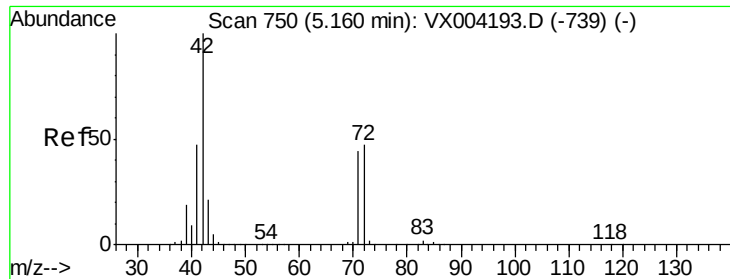
Bromochloromethane
 Concen: 52.06 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion: 49 Resp: 180102
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 81.3 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 213.16 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

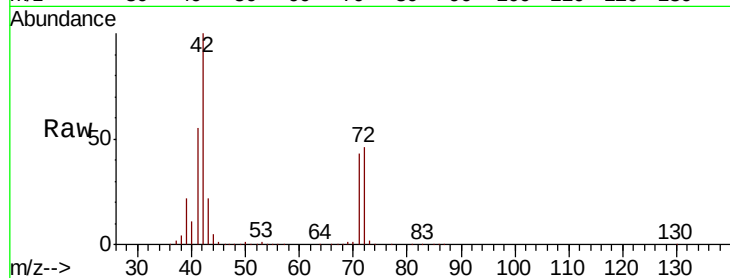
Tot Ion: 42 Resp: 440394

Ion Ratio Lower Upper

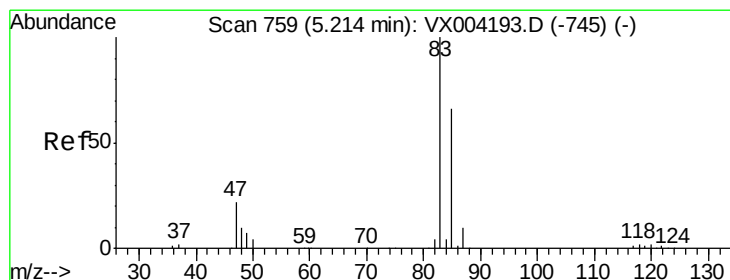
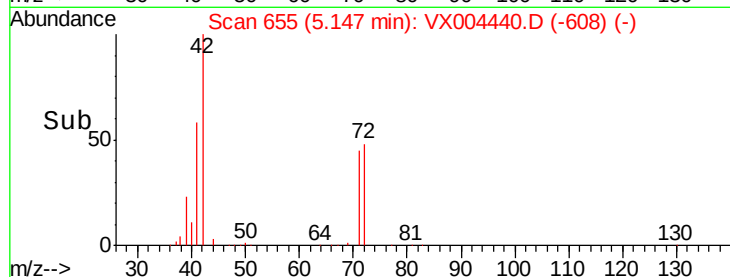
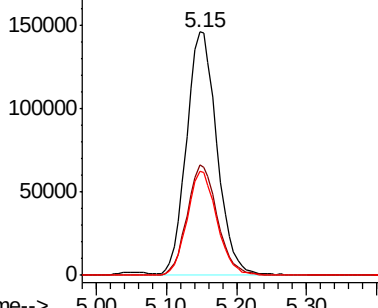
42 100

72 45.3 37.4 56.0

71 41.9 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.70 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004440.D

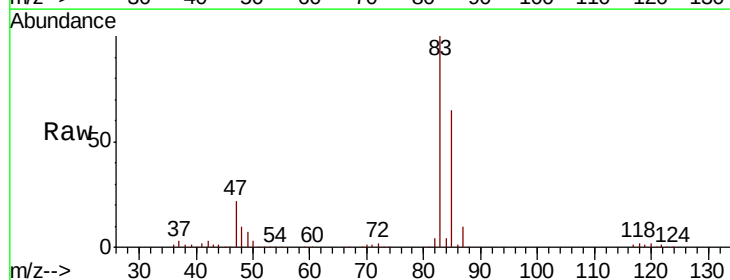
Acq: 10 Sep 2018 10:42

Tgt Ion: 83 Resp: 358019

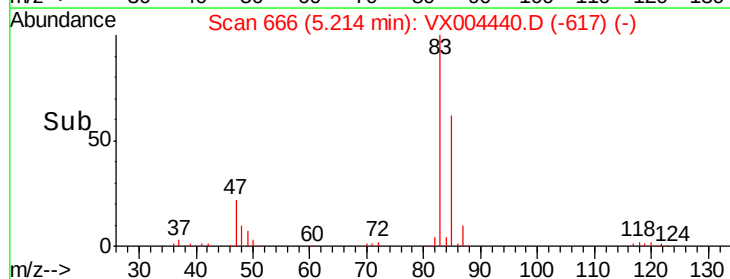
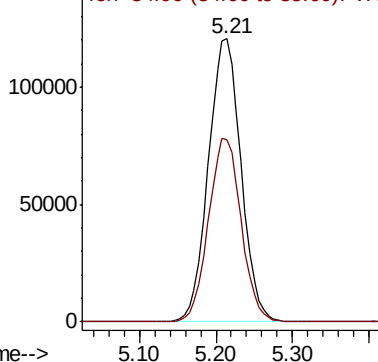
Ion Ratio Lower Upper

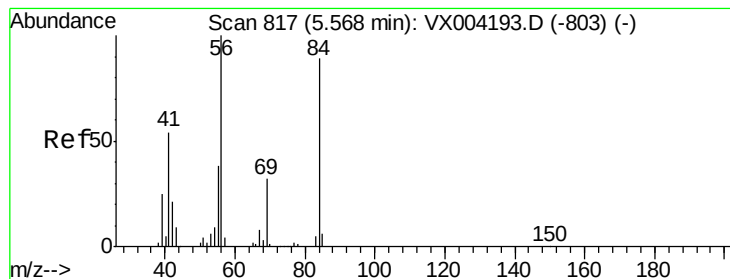
83 100

85 64.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 44.83 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

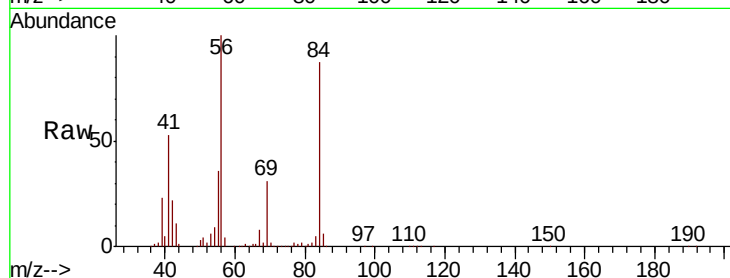
Tot Ion: 56 Resp: 302254

Ion Ratio Lower Upper

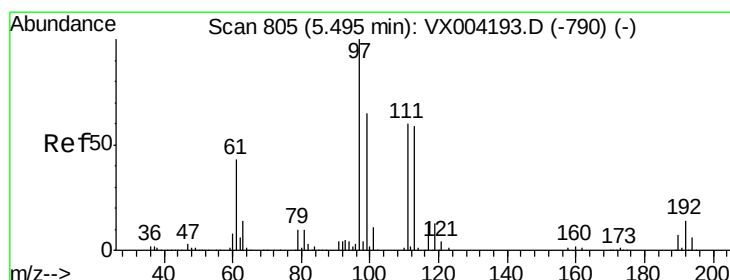
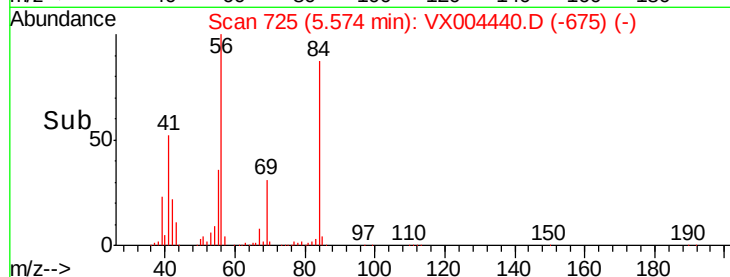
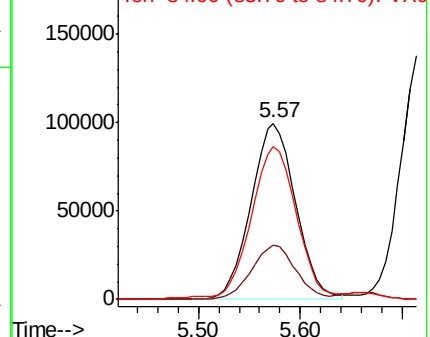
56 100

69 30.9 25.4 38.2

84 85.7 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 45.60 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

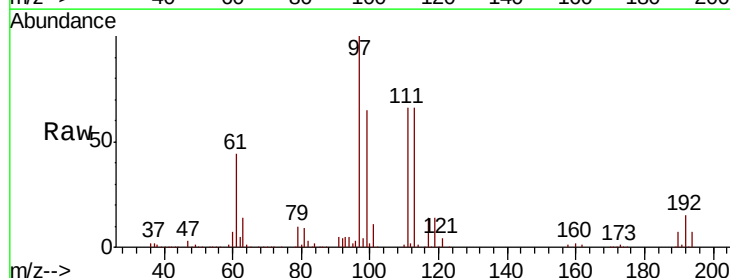
Tgt Ion: 97 Resp: 297907

Ion Ratio Lower Upper

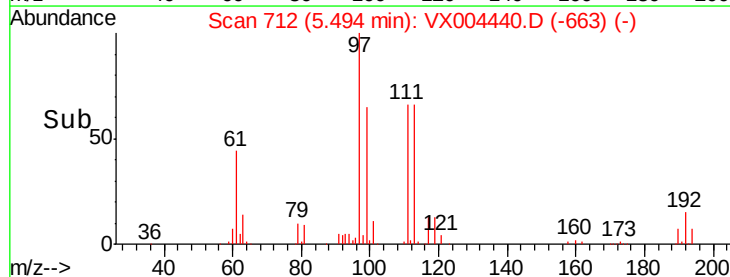
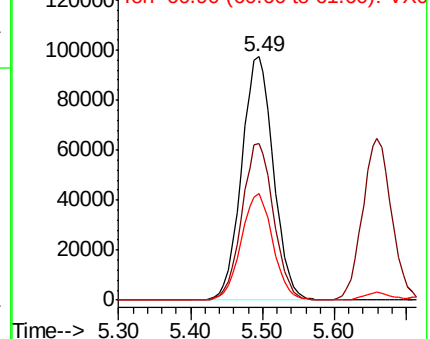
97 100

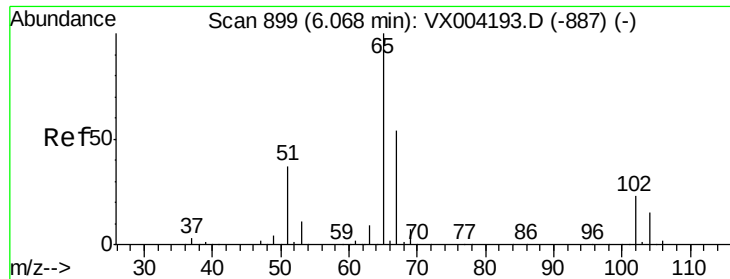
99 64.3 52.0 78.0

61 43.9 34.9 52.3



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

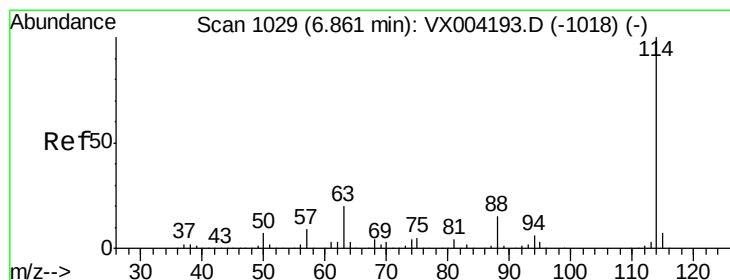
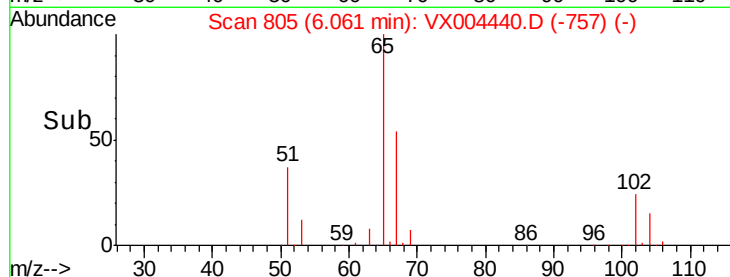
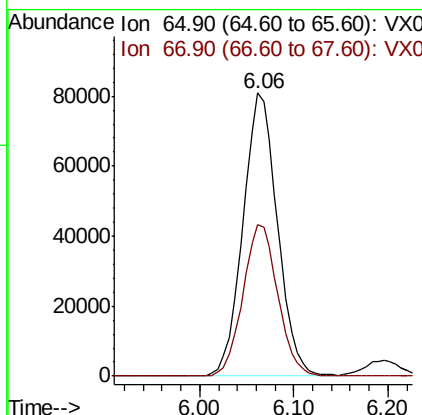
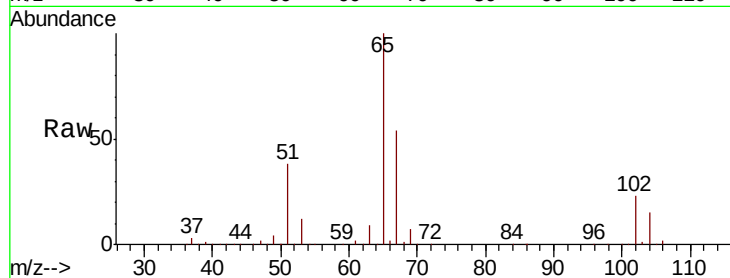




#33
 1,2-Dichloroethane-d4
 Concen: 43.14 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

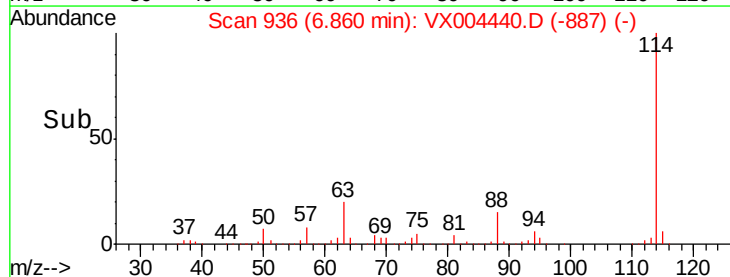
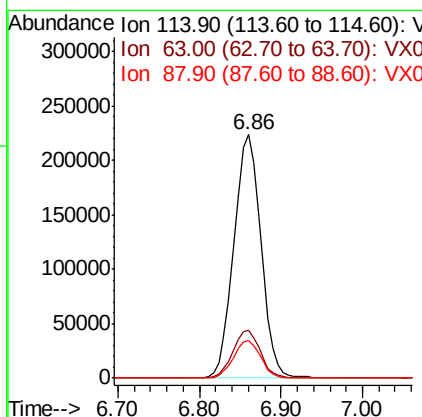
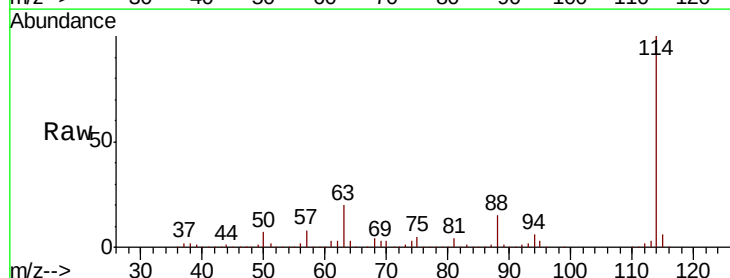
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

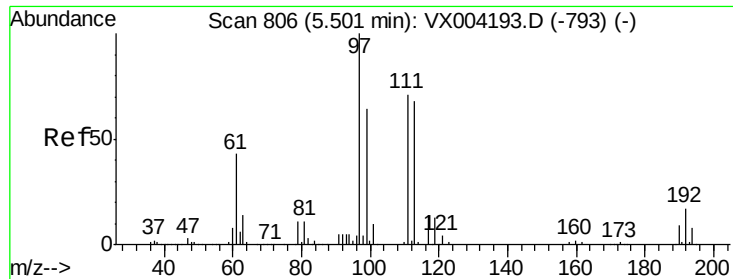
Tot Ion: 65 Resp: 207447
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion: 114 Resp: 513534
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.4

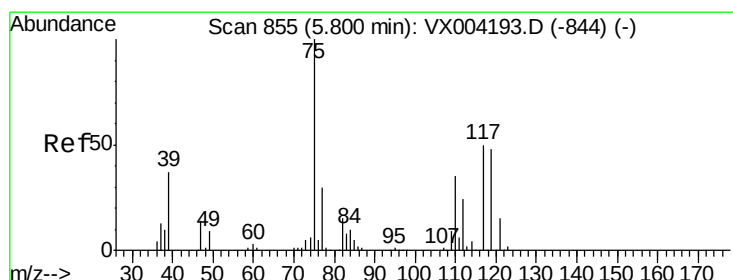
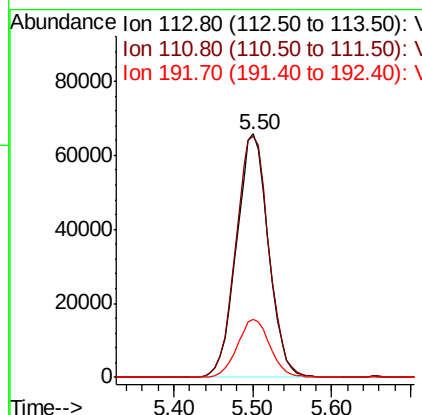
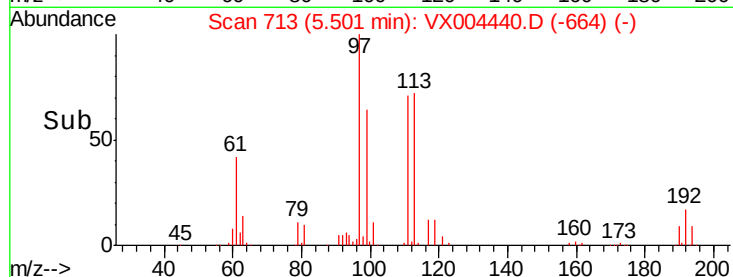
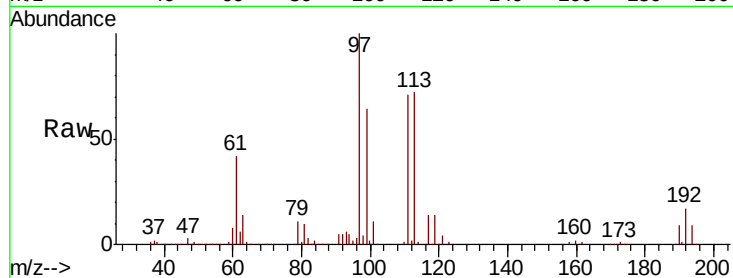




#35
 Dibromofluoromethane
 Concen: 48.45 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

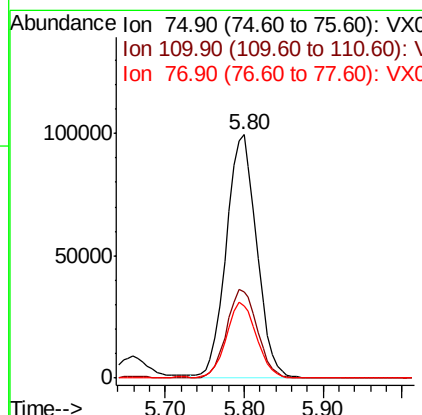
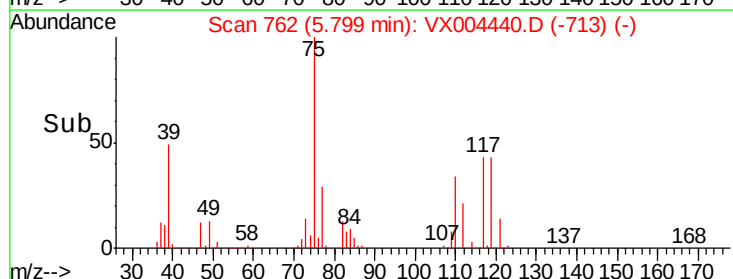
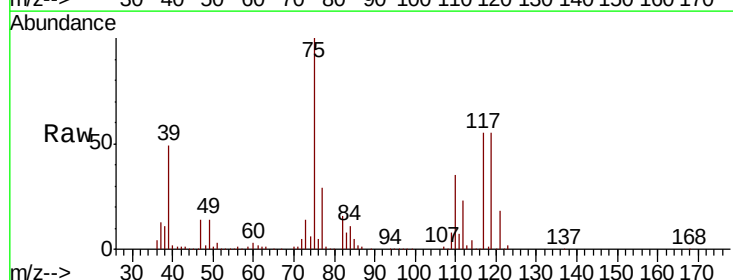
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

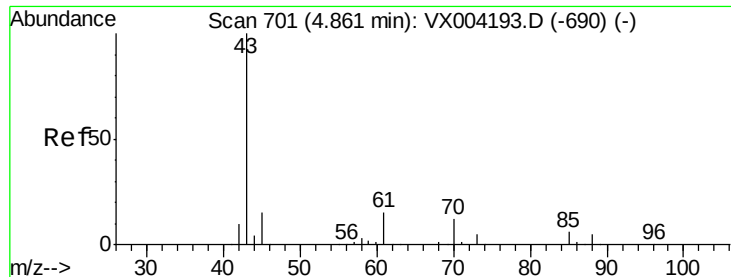
Tot Ion:113 Resp: 185093
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 24.2 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 46.29 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion: 75 Resp: 267222
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.0 54.0
 77 31.0 24.6 36.8

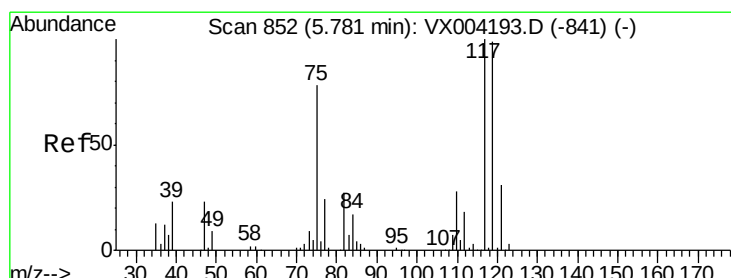
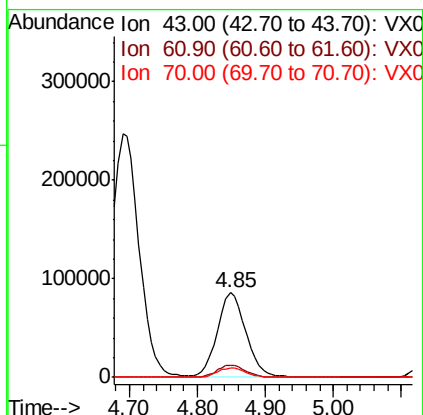
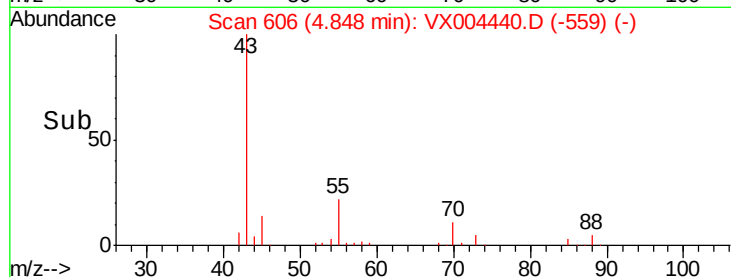
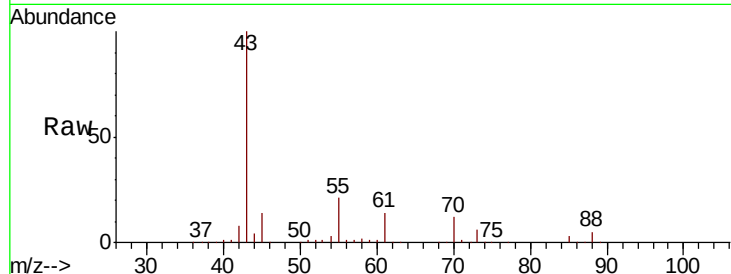




#37
Ethyl Acetate
Concen: 44.15 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

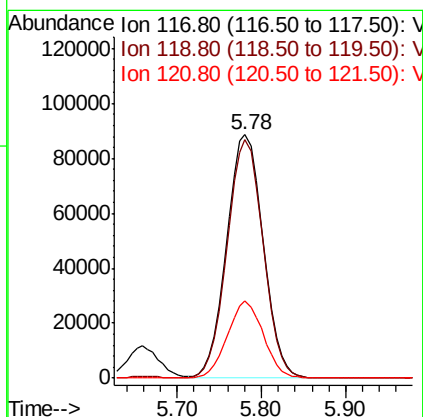
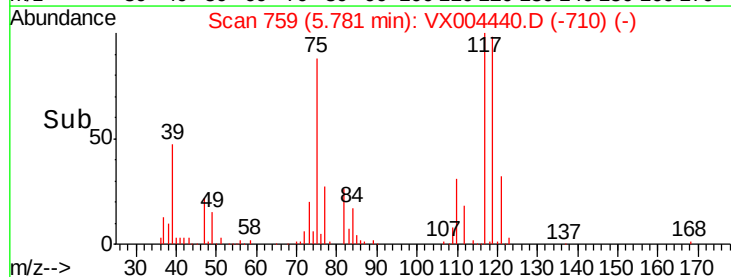
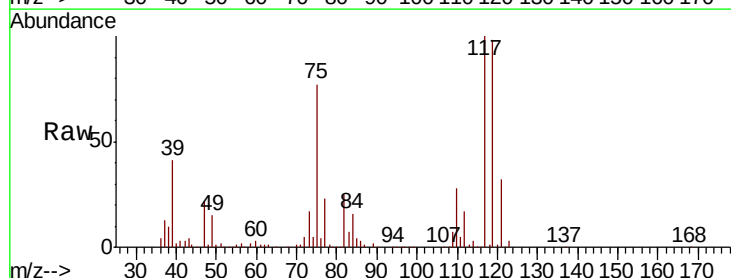
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

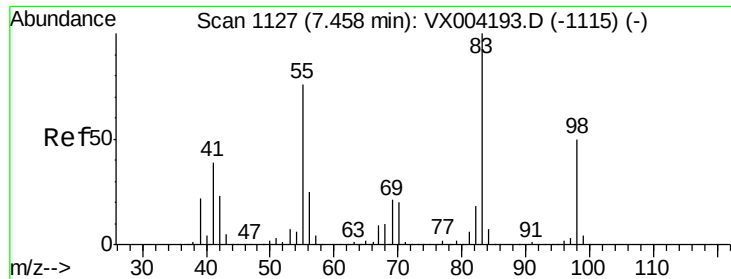
Tot Ion: 43 Resp: 250686
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 47.84 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion: 117 Resp: 259844
Ion Ratio Lower Upper
117 100
119 98.0 78.8 118.2
121 31.9 24.9 37.3

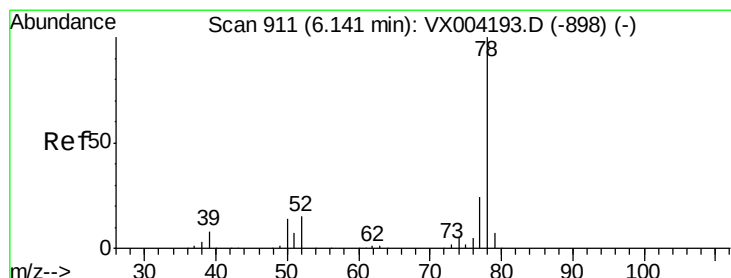
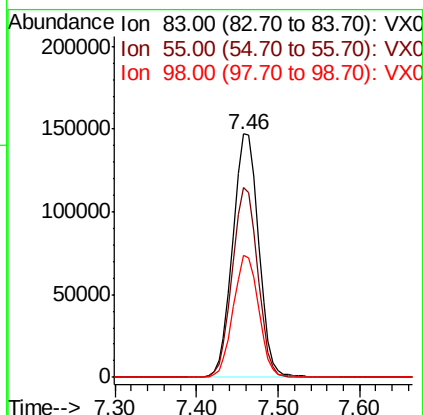
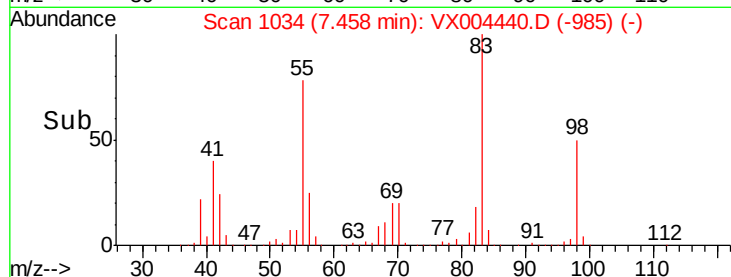
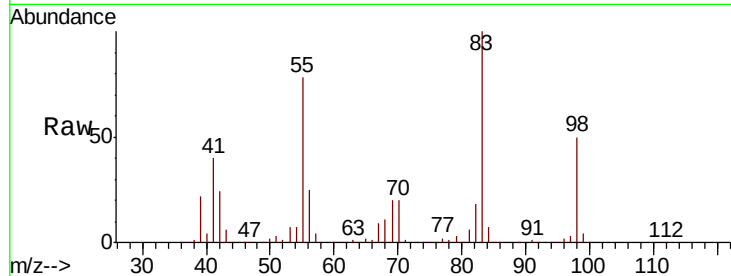




#39
Methylvlcyclohexane
Concen: 48.87 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

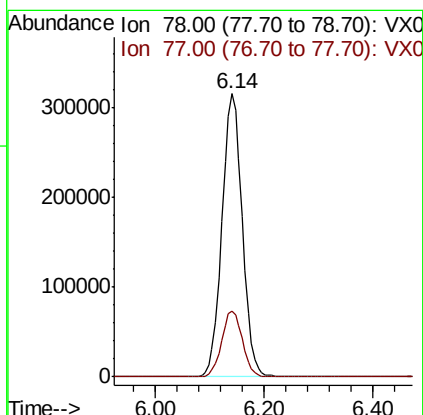
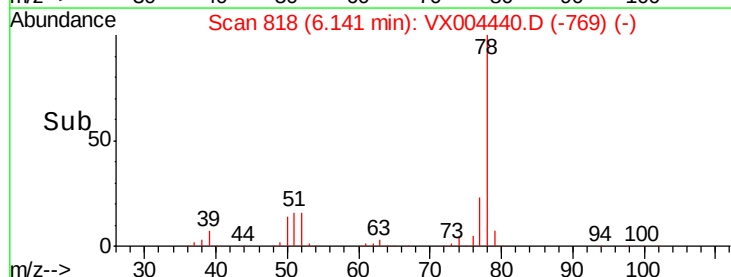
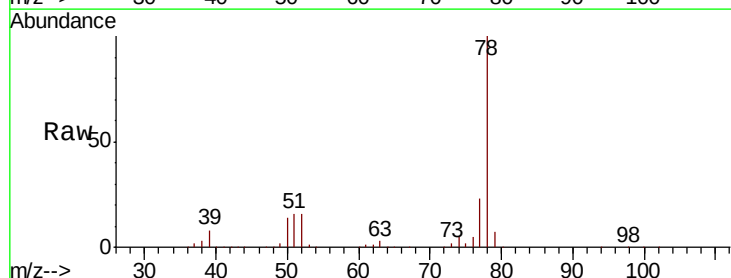
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

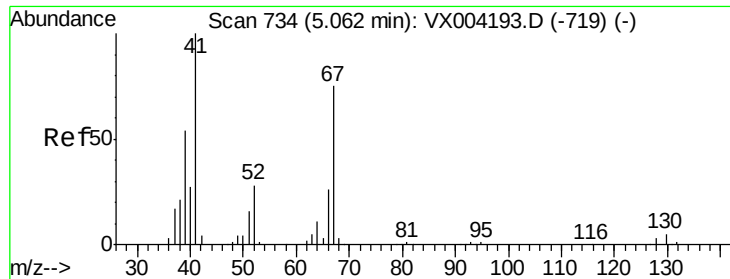
Tot Ion: 83 Resp: 322149
Ion Ratio Lower Upper
83 100
55 78.1 61.0 91.4
98 49.9 39.6 59.4



#40
Benzene
Concen: 47.37 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion: 78 Resp: 817159
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

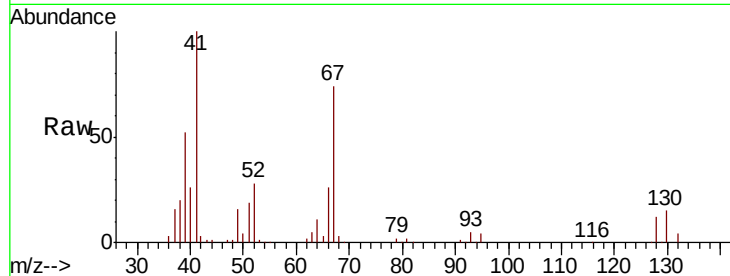




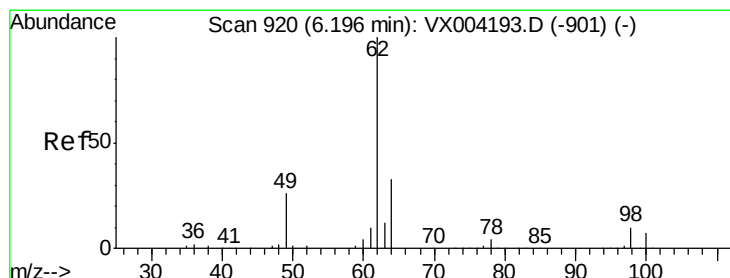
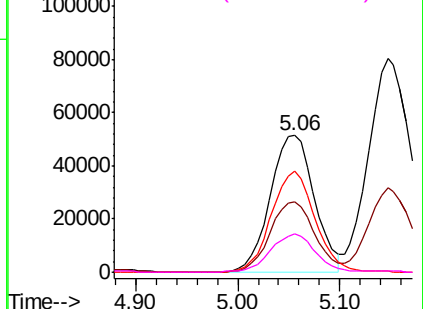
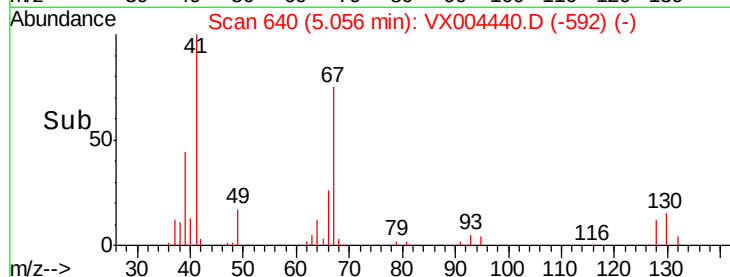
#41
Methacrylonitrile
Concen: 47.05 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	154848
Ion	Ratio	Lower	Upper
41	100		
39	51.8	42.4	63.6
67	73.5	59.2	88.8
52	28.2	23.0	34.4

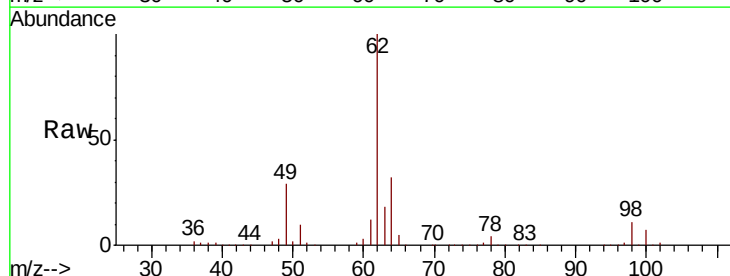


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

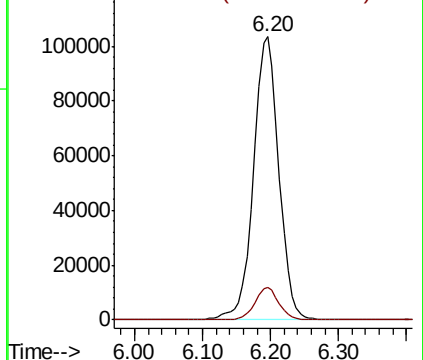
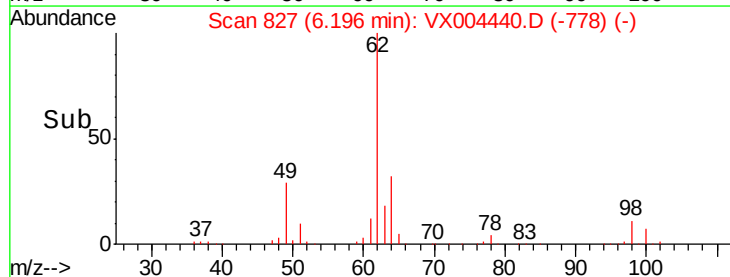


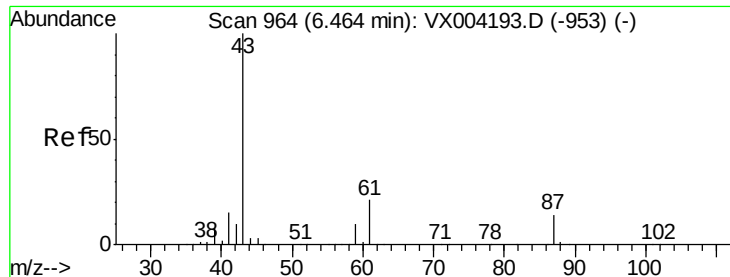
#42
1,2-Dichloroethane
Concen: 45.76 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion:	62	Resp:	269298
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 47.21 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

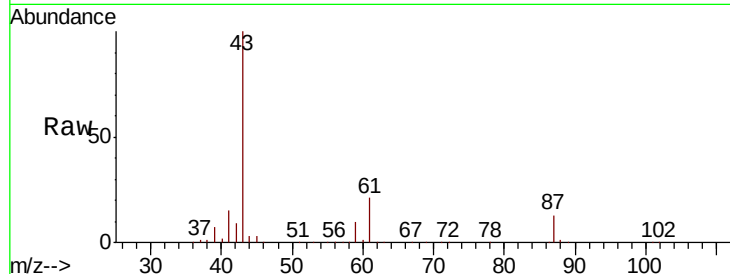
Tot Ion: 43 Resp: 411882

Ion Ratio Lower Upper

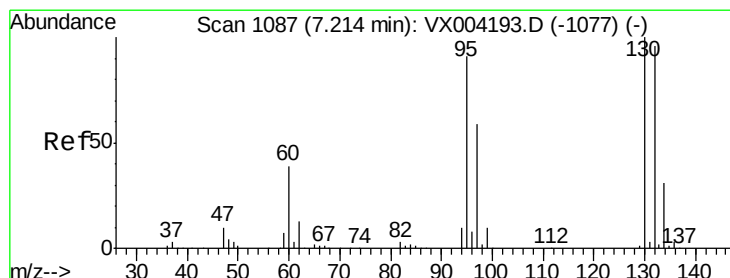
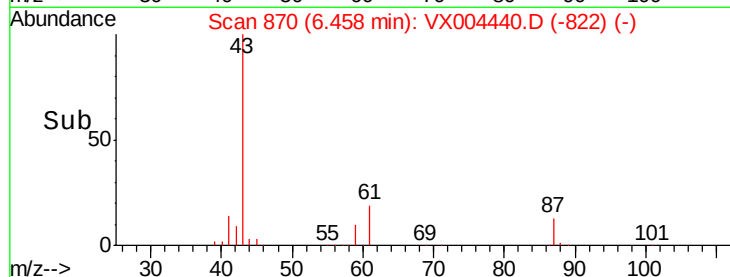
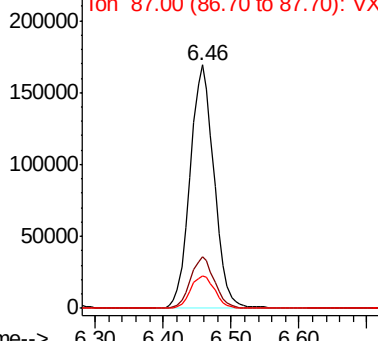
43 100

61 21.1 17.0 25.4

87 13.8 11.4 17.2



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



#44

Trichloroethene

Concen: 47.75 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004440.D

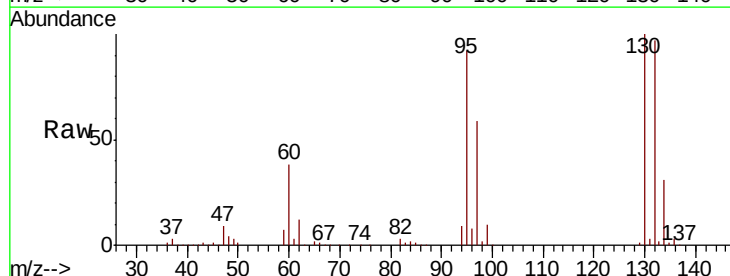
Acq: 10 Sep 2018 10:42

Tgt Ion:130 Resp: 228006

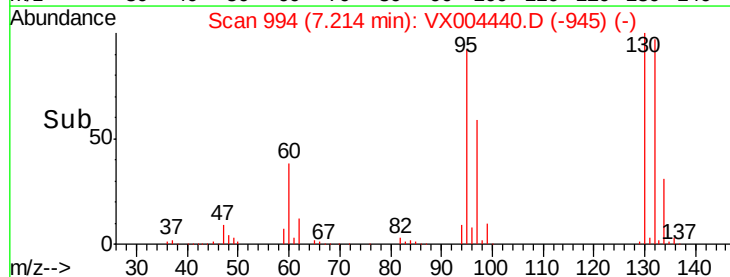
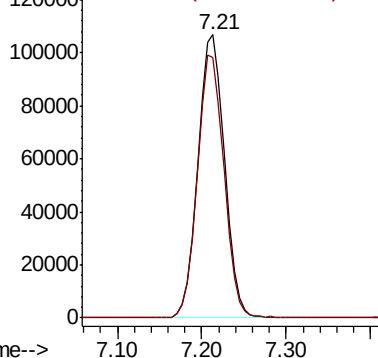
Ion Ratio Lower Upper

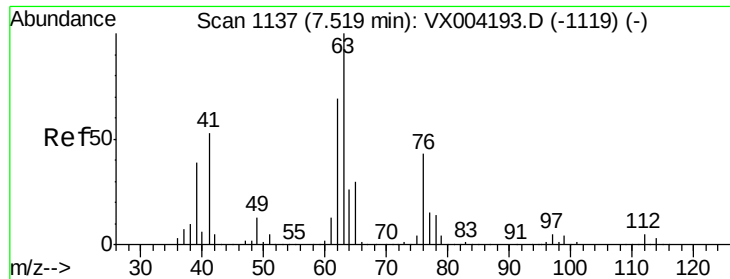
130 100

95 92.1 0.0 181.6



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

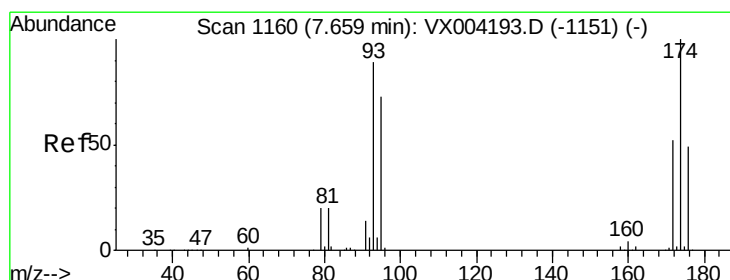
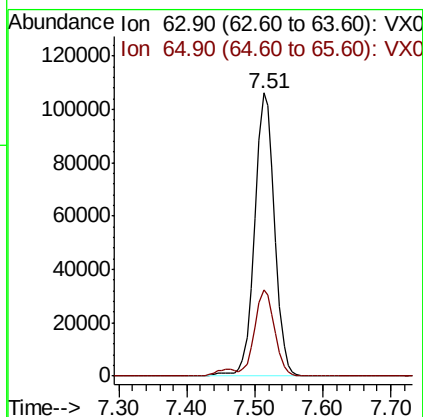
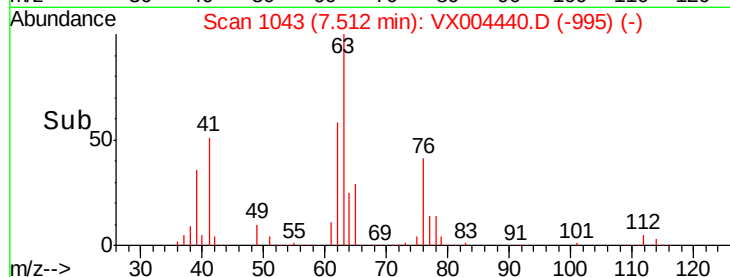
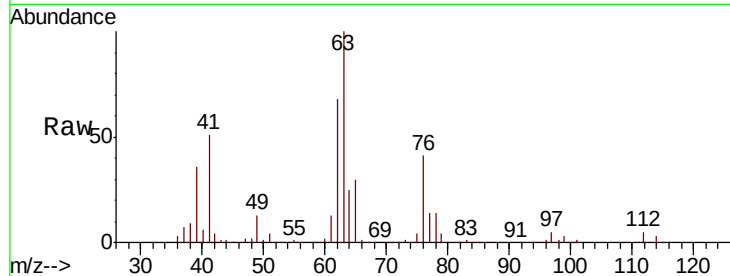




#45
 1,2-Dichloropropane
 Concen: 50.11 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

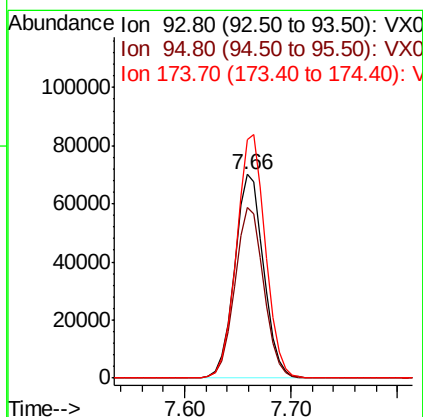
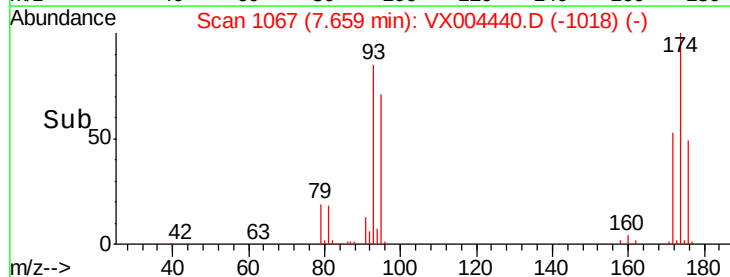
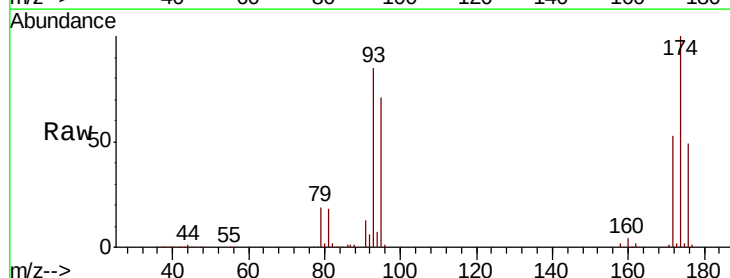
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

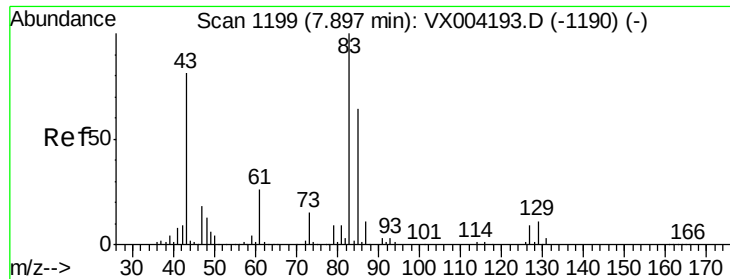
Tot Ion: 63 Resp: 216366
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 46.58 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion: 93 Resp: 133913
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.5 98.3
 174 119.3 94.2 141.4





#47

Bromodichloromethane

Concen: 50.04 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

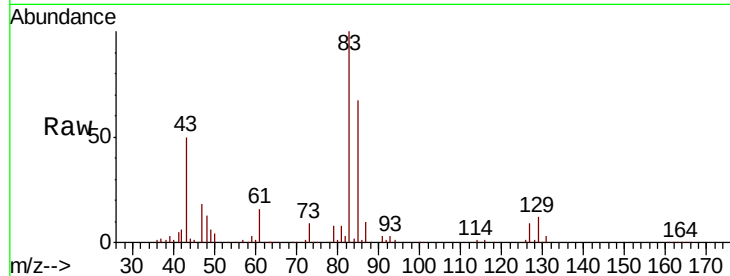
Tot Ion: 83 Resp: 267657

Ion Ratio Lower Upper

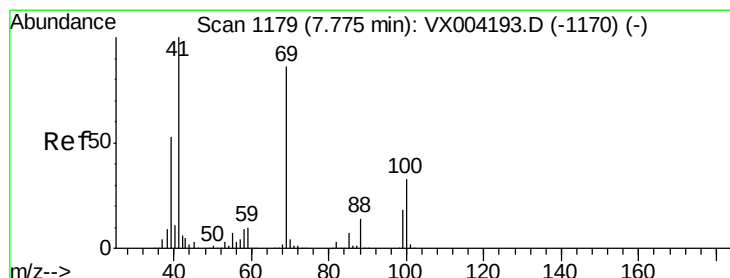
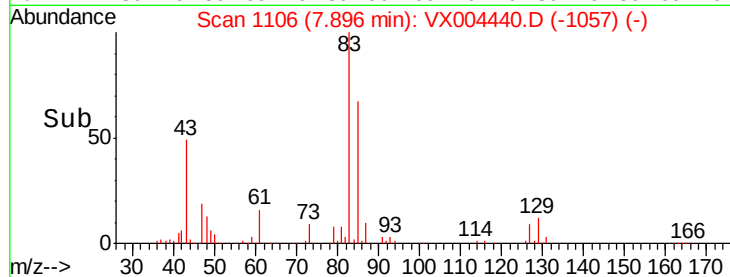
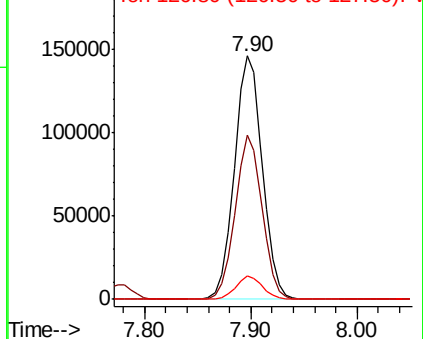
83 100

85 67.2 50.9 76.3

127 9.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.38 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

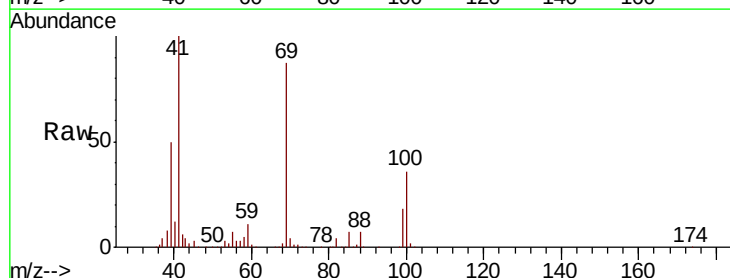
Tgt Ion: 41 Resp: 225864

Ion Ratio Lower Upper

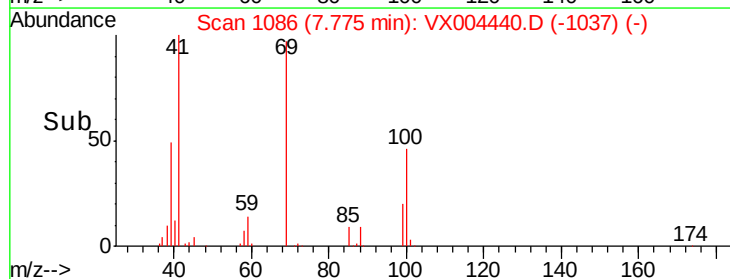
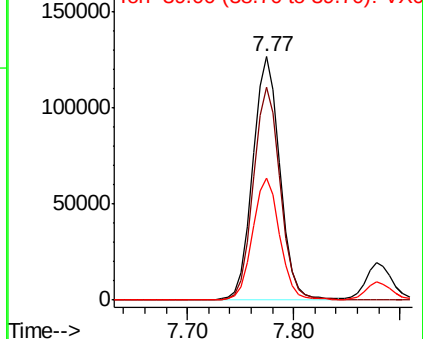
41 100

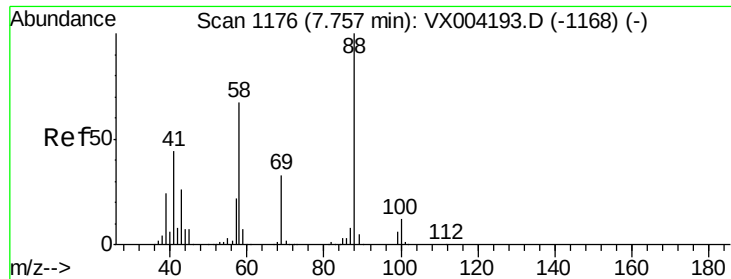
69 87.3 70.2 105.4

39 50.0 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 853.23 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

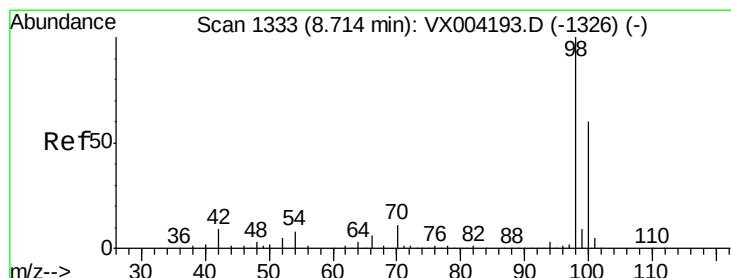
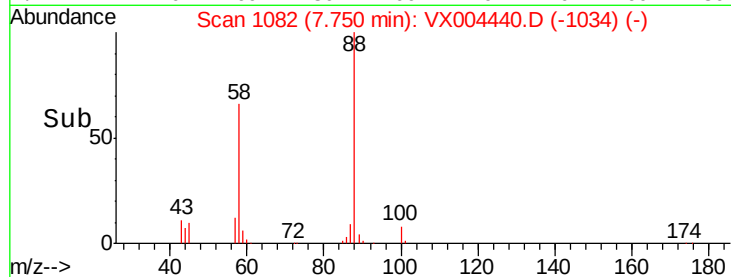
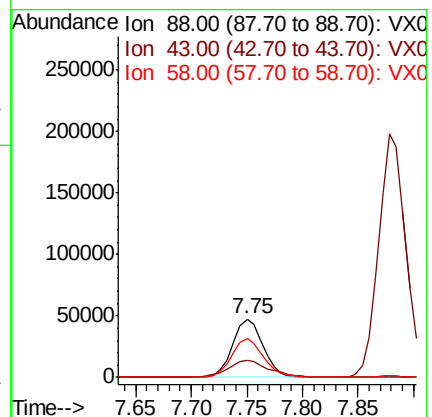
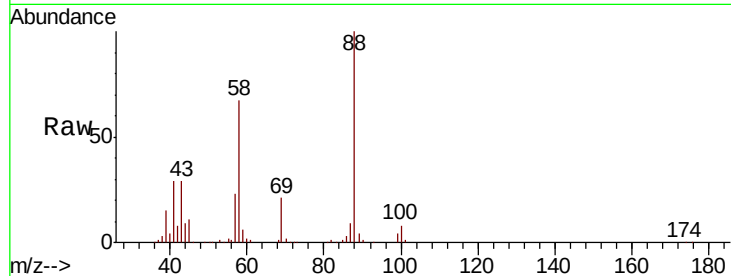
Tot Ion: 88 Resp: 90437

Ion Ratio Lower Upper

88 100

43 36.5 24.7 37.1

58 69.6 55.3 82.9



#50

Toluene-d8

Concen: 47.59 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004440.D

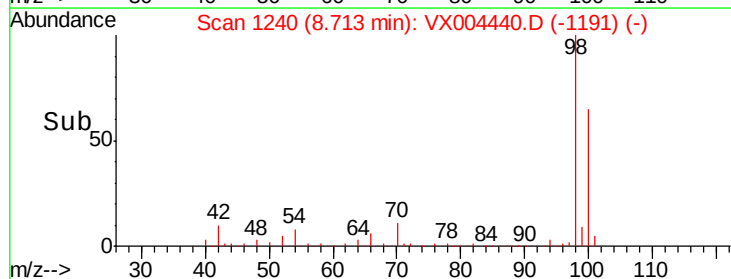
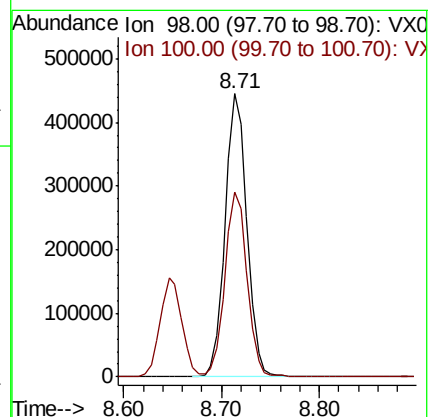
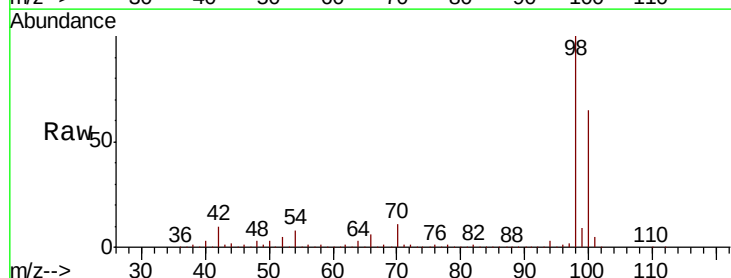
Acq: 10 Sep 2018 10:42

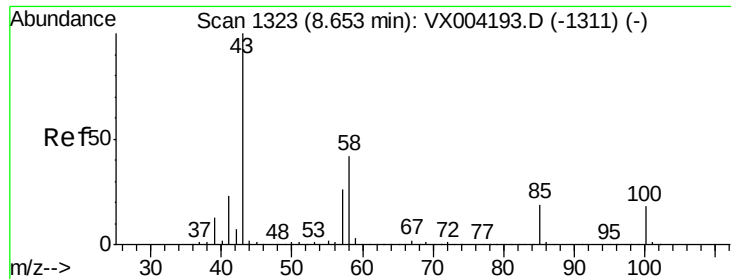
Tgt Ion: 98 Resp: 686304

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 221.33 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

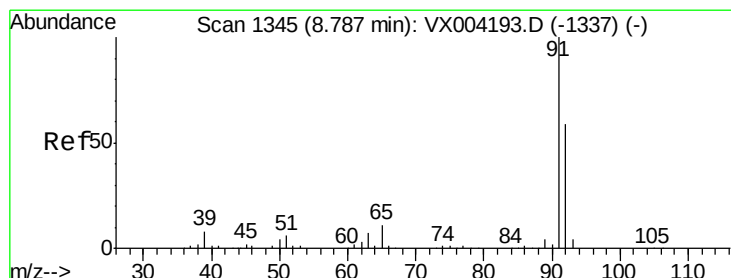
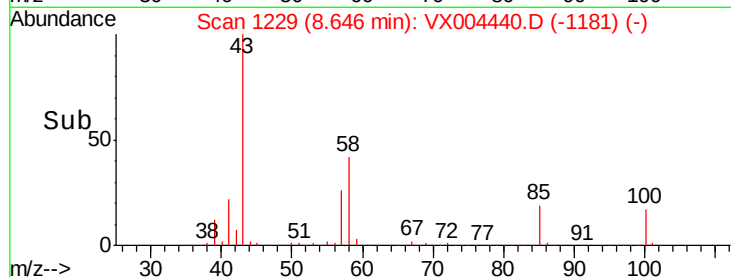
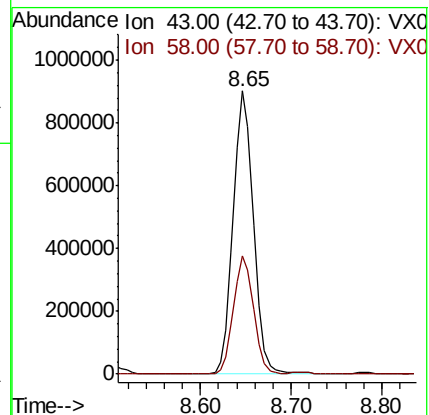
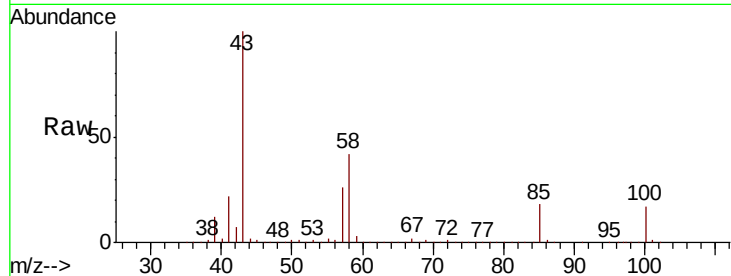
VSTDCCC050

Tot Ion: 43 Resp: 1403053

Ion Ratio Lower Upper

43 100

58 41.4 33.1 49.7



#52

Toluene

Concen: 48.61 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004440.D

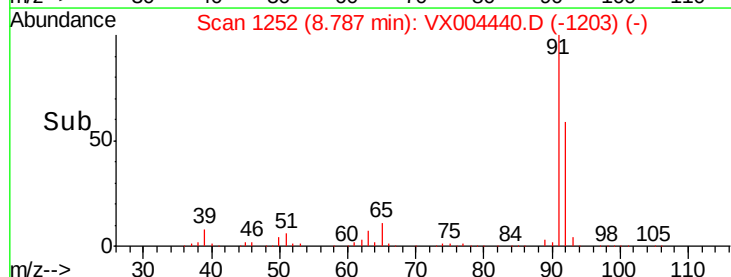
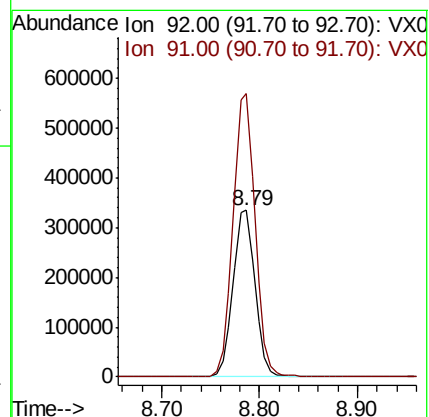
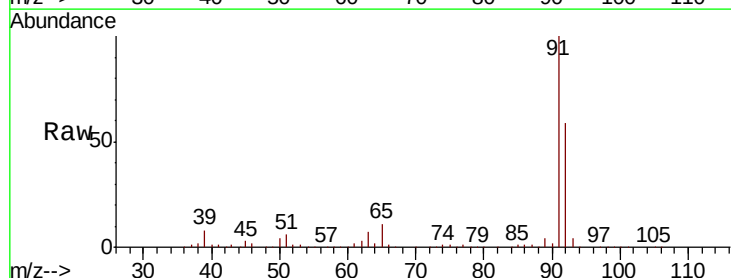
Acq: 10 Sep 2018 10:42

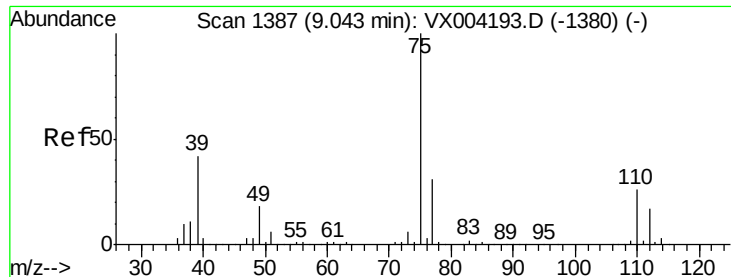
Tgt Ion: 92 Resp: 524953

Ion Ratio Lower Upper

92 100

91 170.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.59 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

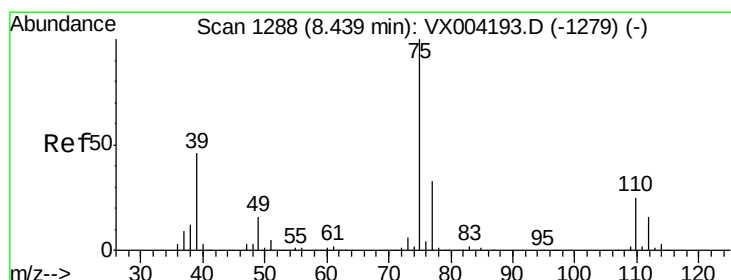
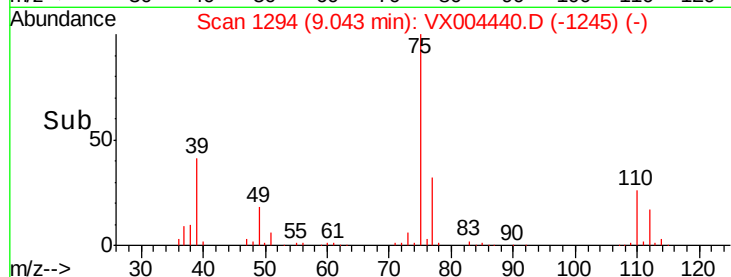
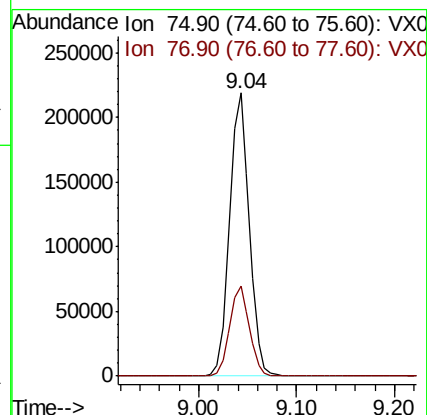
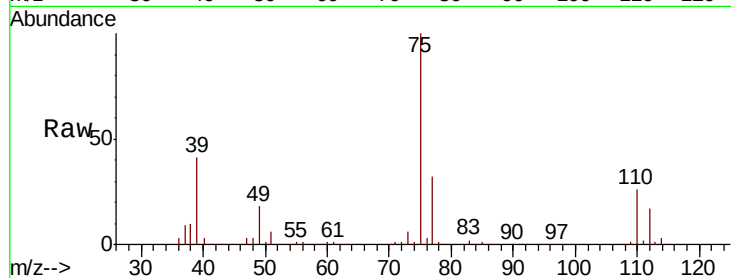
VSTDCCC050

Tot Ion: 75 Resp: 304820

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 52.05 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

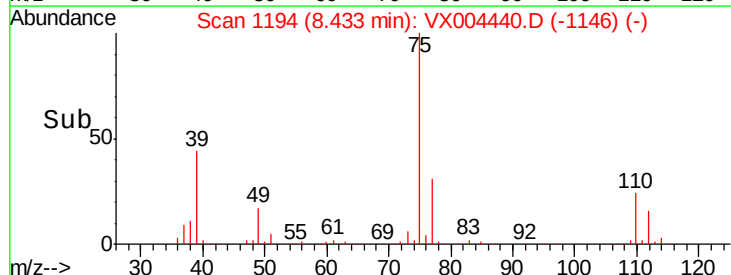
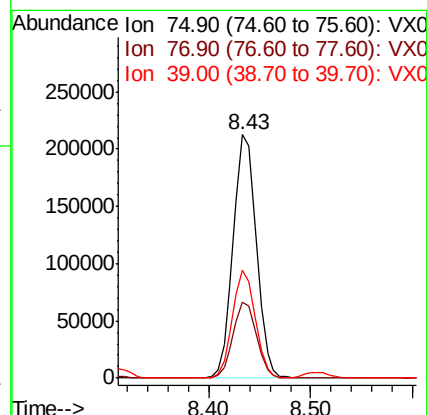
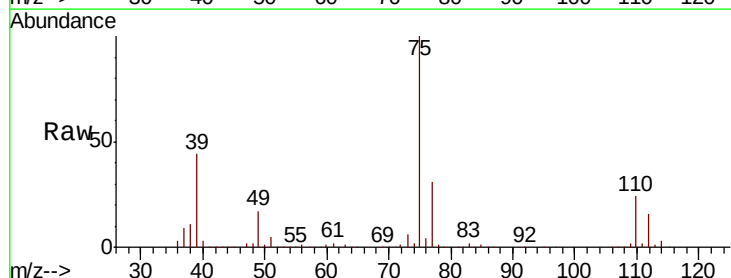
Tgt Ion: 75 Resp: 334997

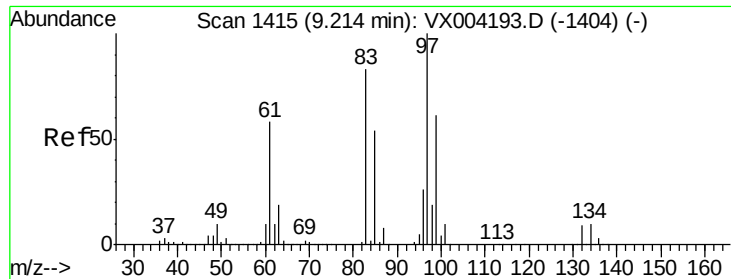
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 44.2 36.4 54.6

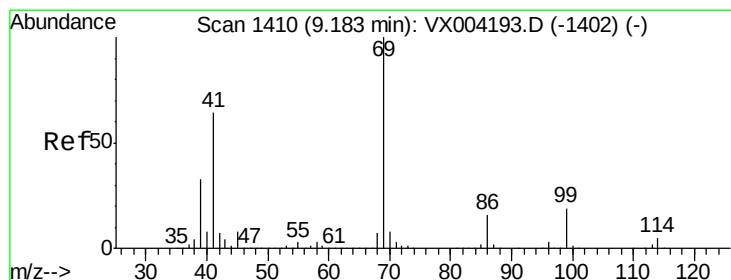
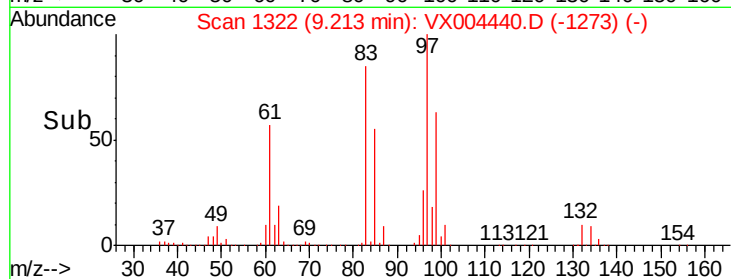
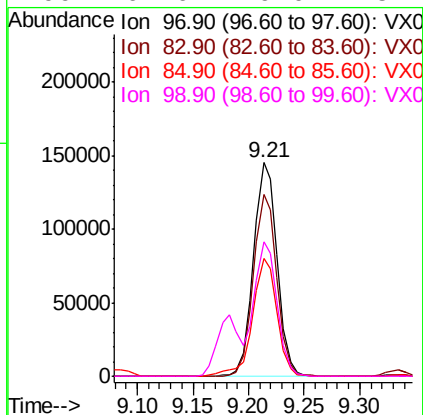
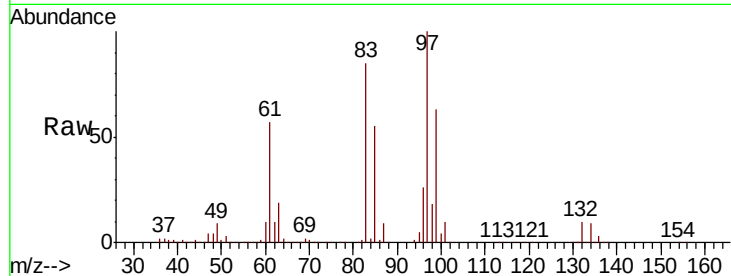




#55
 1,1,2-Trichloroethane
 Concen: 49.30 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

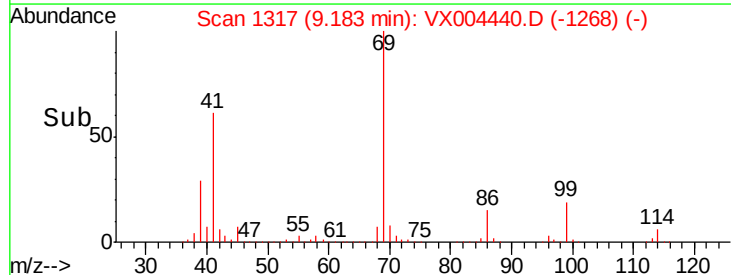
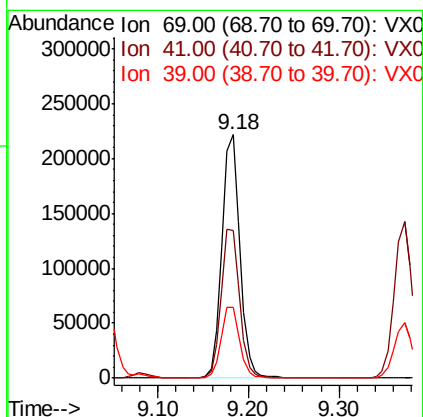
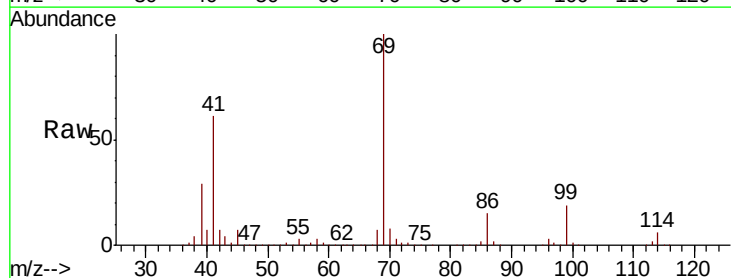
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

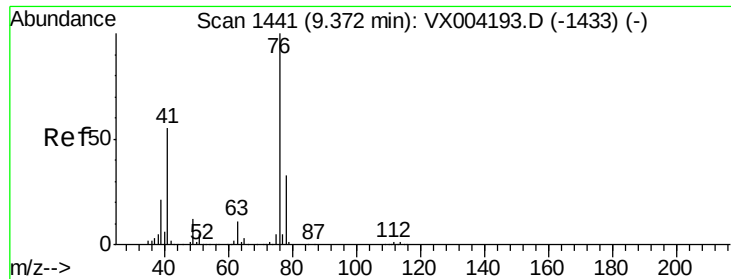
Tot Ion:	97	Resp:	214898
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	54.8	43.3	64.9
99	62.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.86 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion:	69	Resp:	307772
Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.0	76.4
39	29.9	26.1	39.1

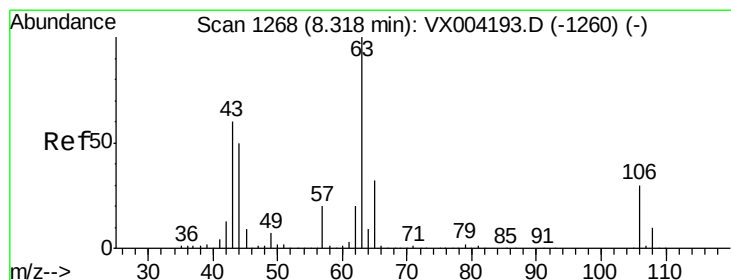
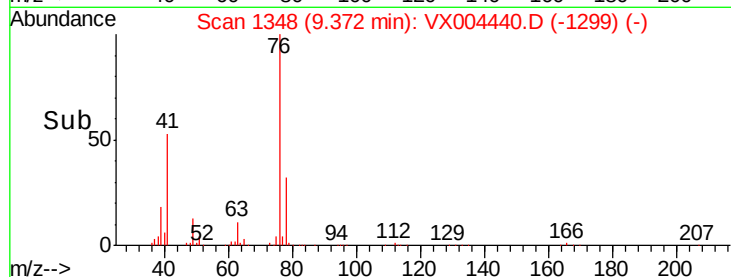
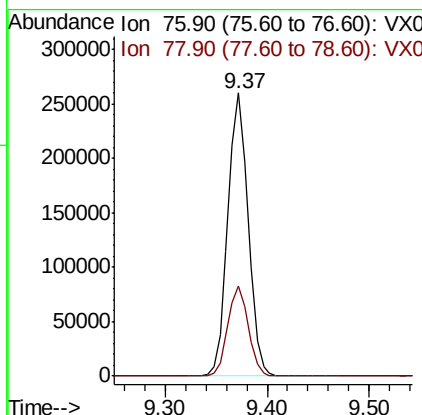
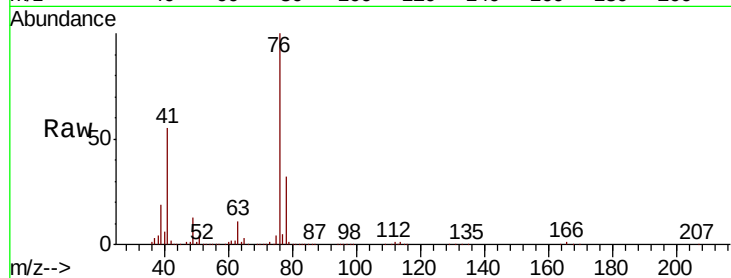




#57
 1,3-Dichloropropane
 Concen: 48.70 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

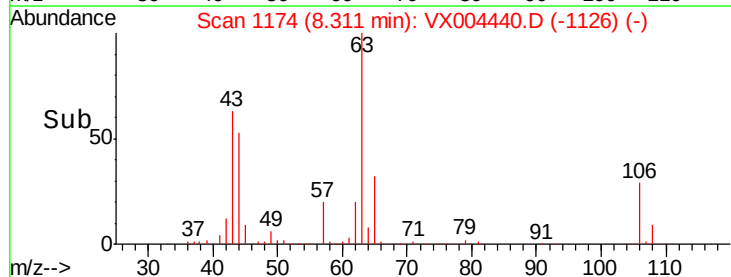
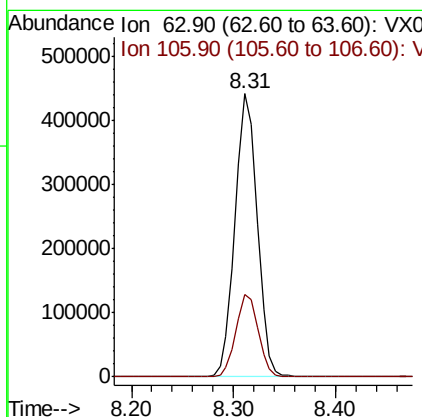
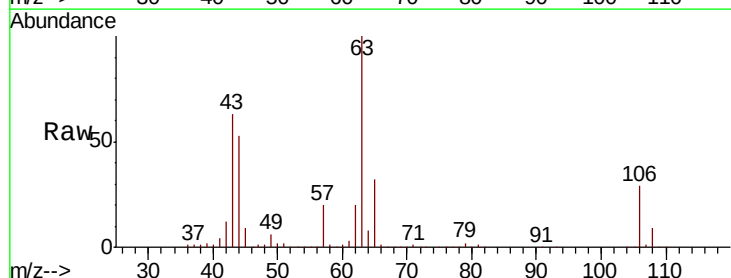
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

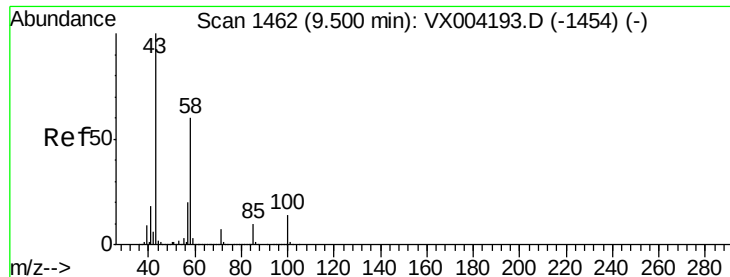
Tot Ion: 76 Resp: 357827
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 217.83 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion: 63 Resp: 662315
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.9 35.9

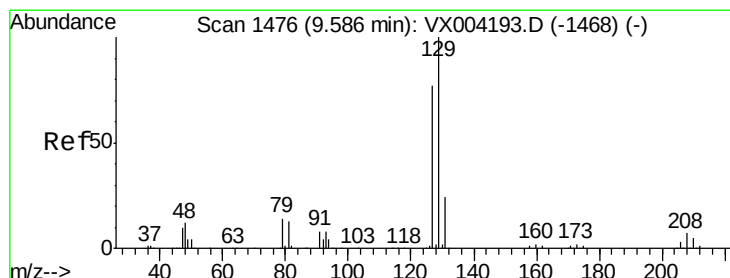
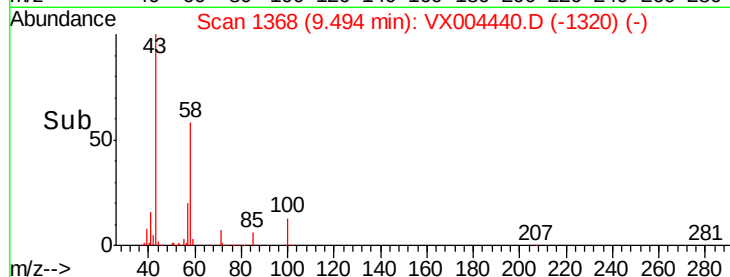
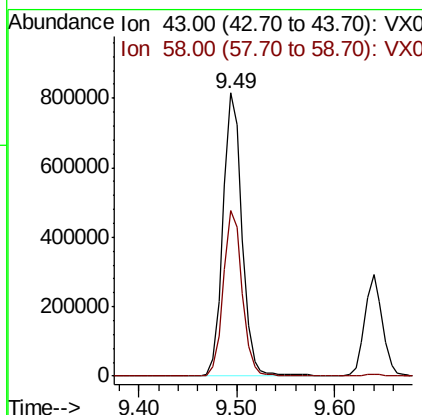
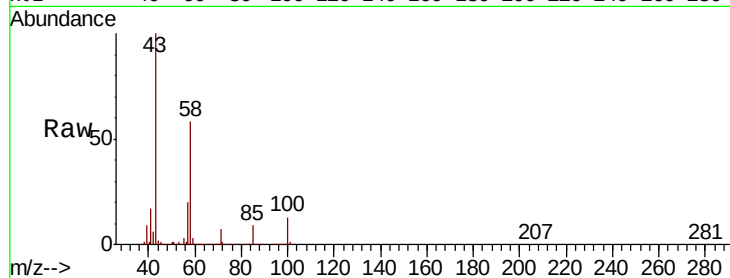




#59
2-Hexanone
Concen: 227.63 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

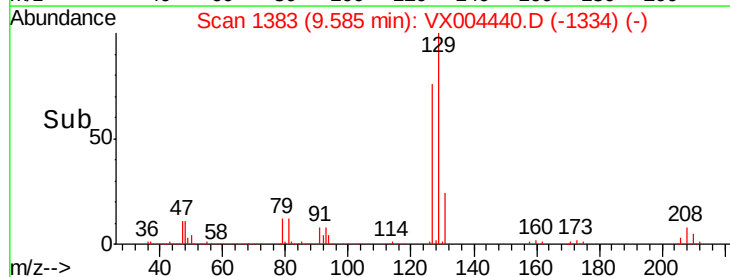
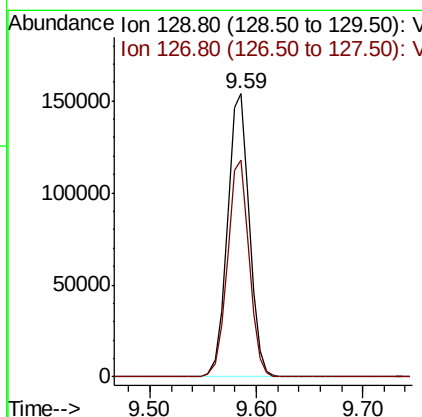
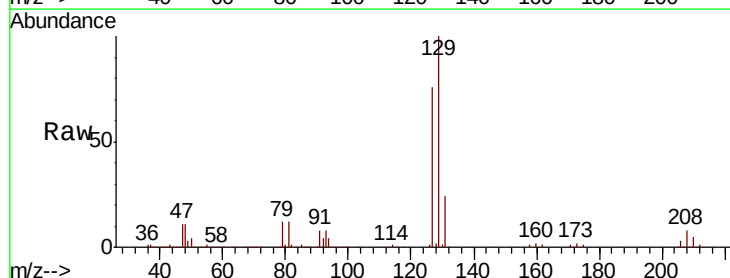
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

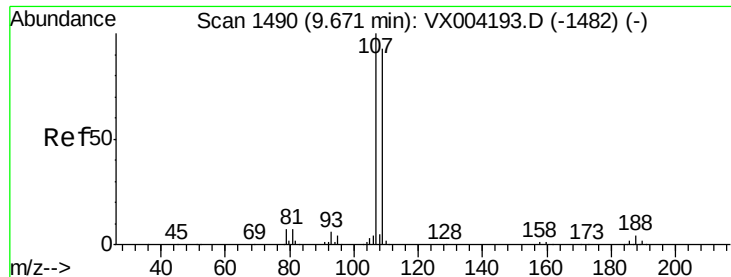
Tot Ion: 43 Resp: 1100858
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.0



#60
Dibromochloromethane
Concen: 51.95 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion: 129 Resp: 220614
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.64 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

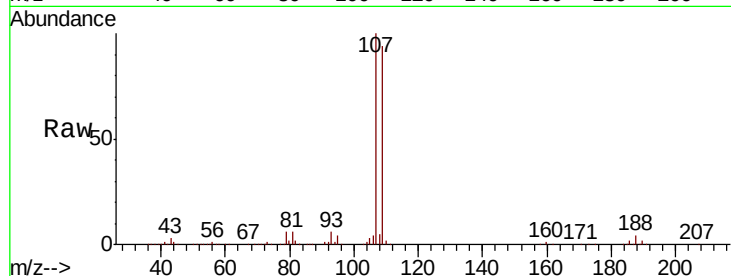
VSTDCCC050

Tot Ion:107 Resp: 214913

Ion Ratio Lower Upper

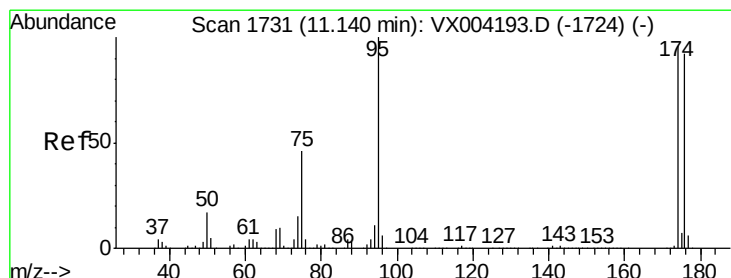
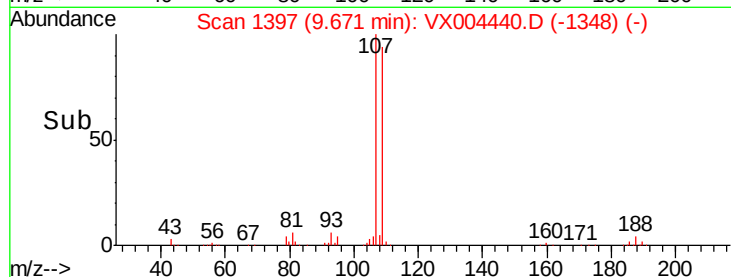
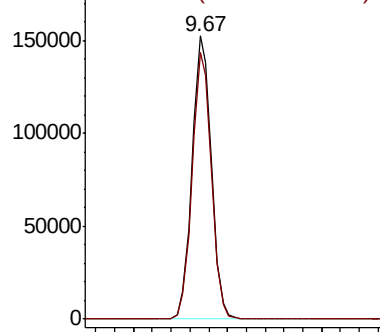
107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.64 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

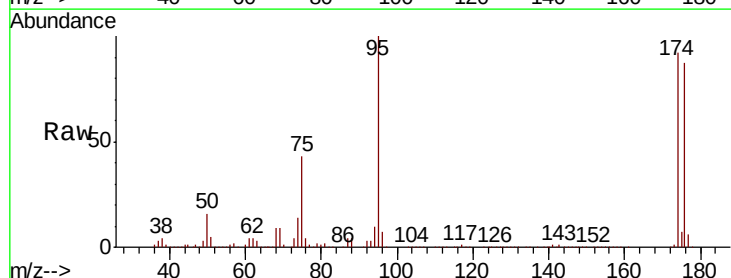
Tgt Ion: 95 Resp: 245576

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

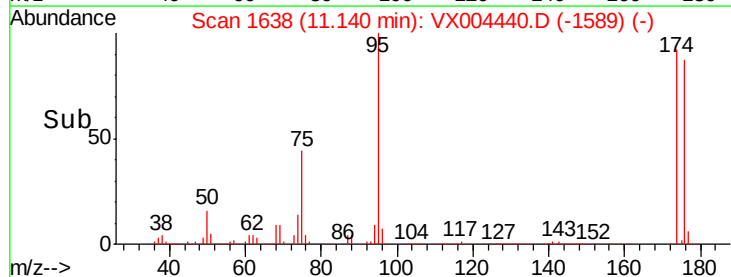
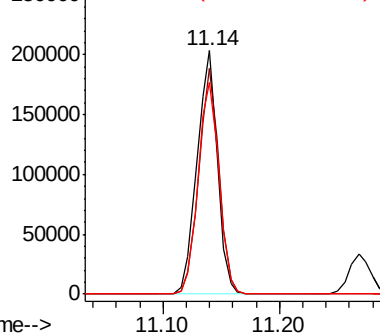
176 90.3 0.0 178.6

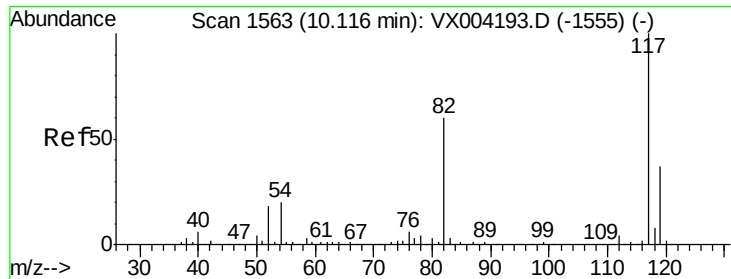


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

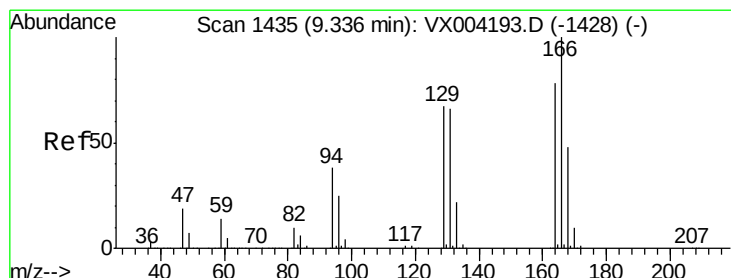
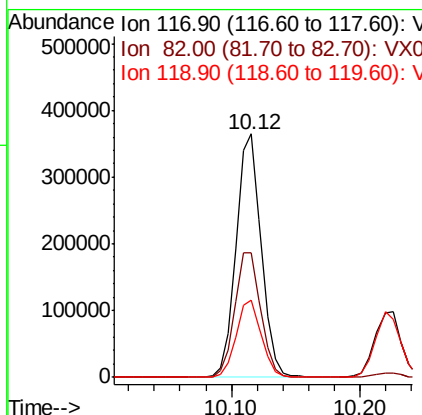
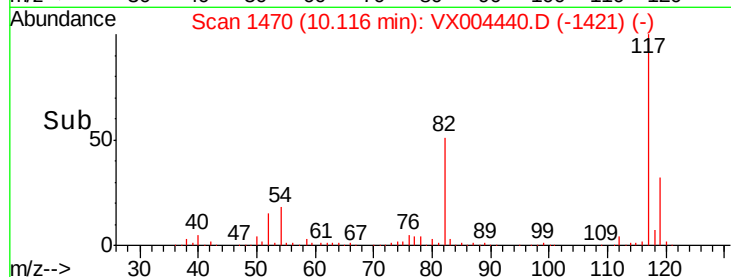
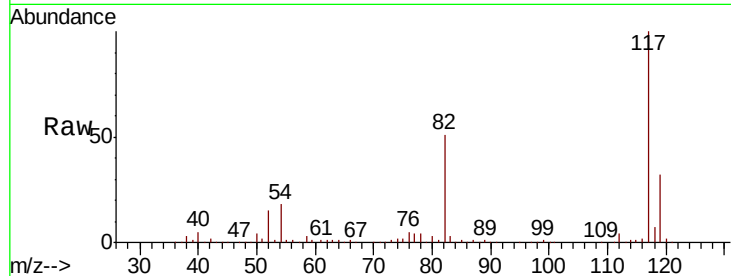




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

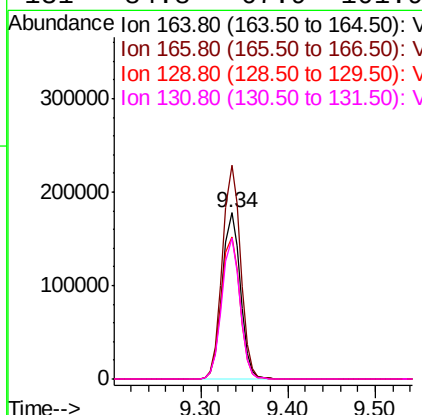
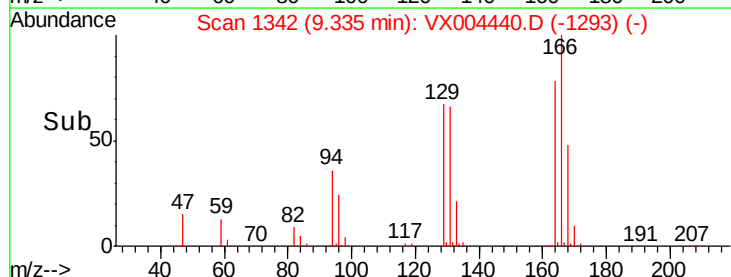
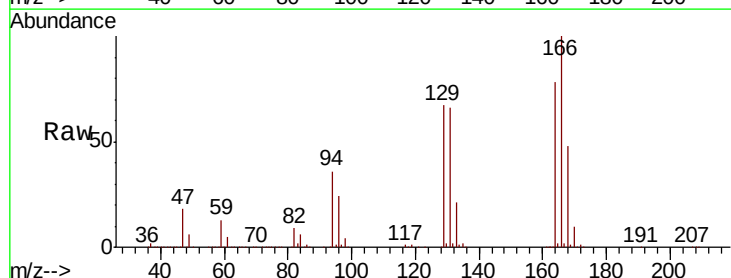
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

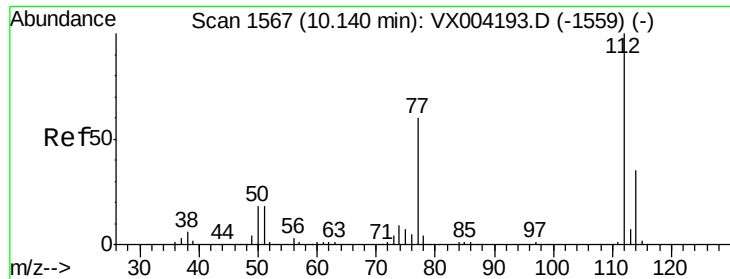
Tot Ion:117 Resp: 493649
Ion Ratio Lower Upper
117 100
82 51.0 47.8 71.6
119 31.9 29.3 43.9



#64
Tetrachloroethene
Concen: 52.53 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion:164 Resp: 256178
Ion Ratio Lower Upper
164 100
166 128.6 102.8 154.2
129 85.7 69.4 104.0
131 84.8 67.9 101.9

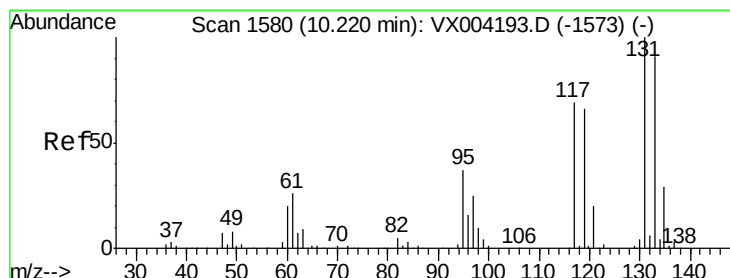
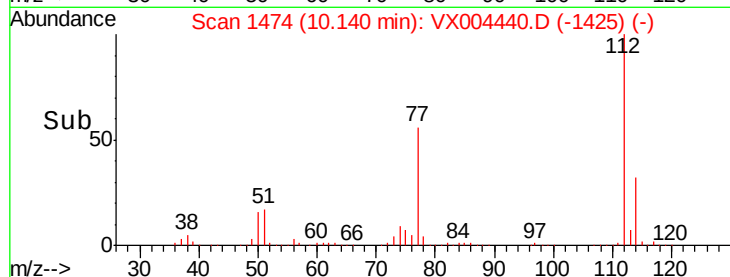
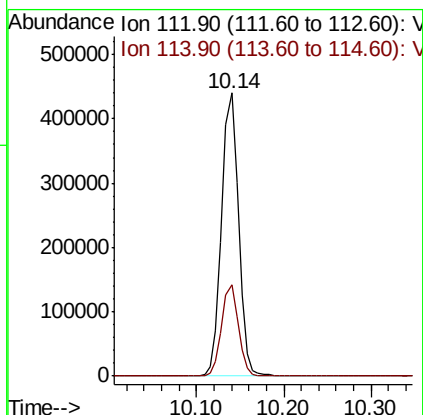
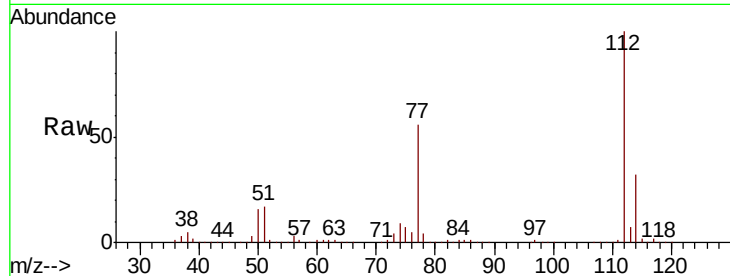




#65
Chlorobenzene
Concen: 47.57 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

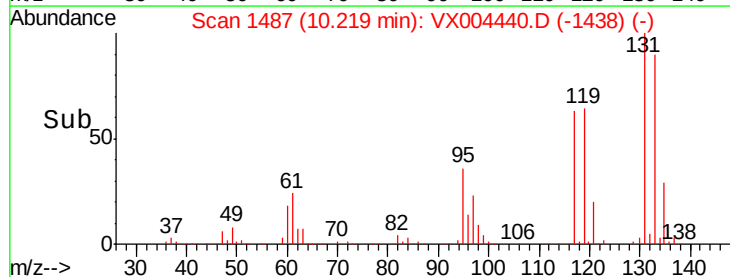
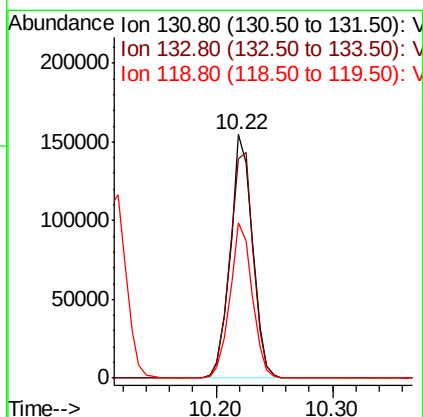
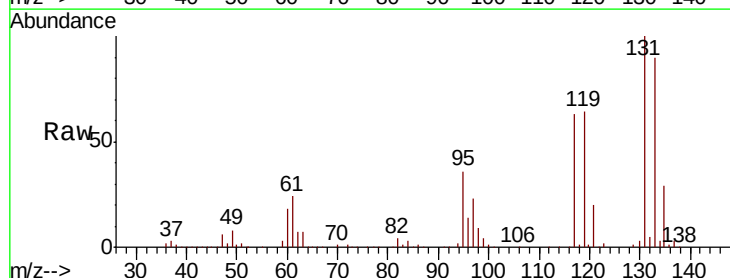
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

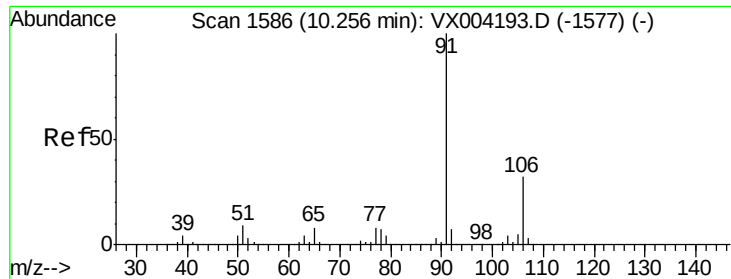
Tot Ion:112 Resp: 589346
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.10 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion:131 Resp: 205549
Ion Ratio Lower Upper
131 100
133 98.2 48.1 144.4
119 64.2 32.9 98.6

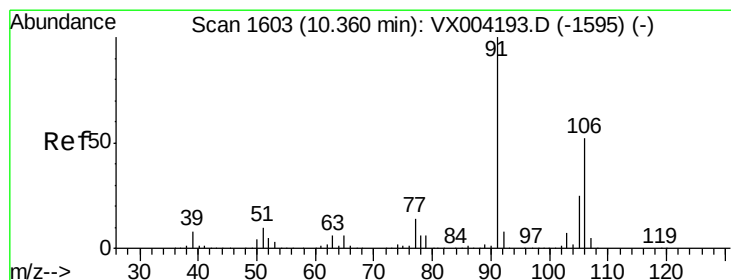
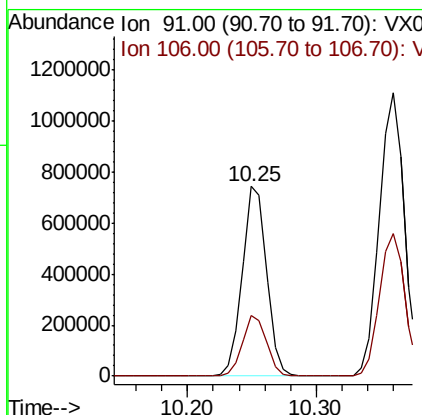
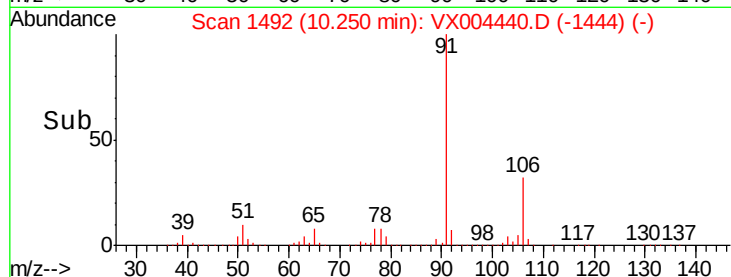
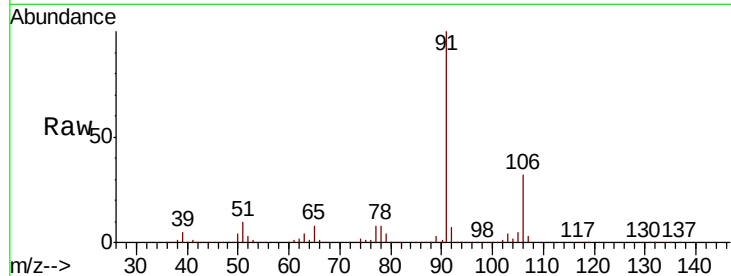




#67
Ethyl Benzene
Concen: 48.20 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

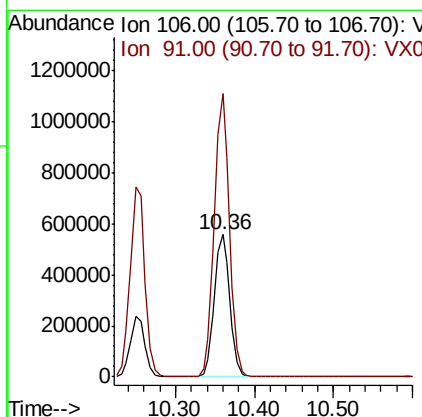
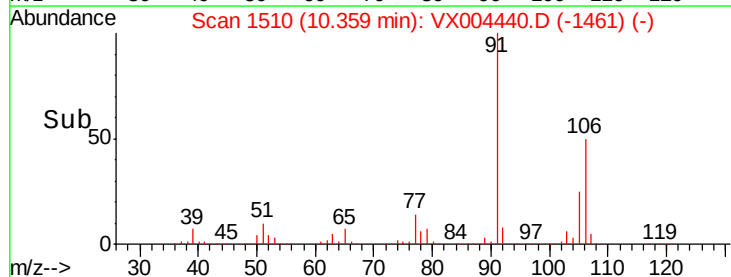
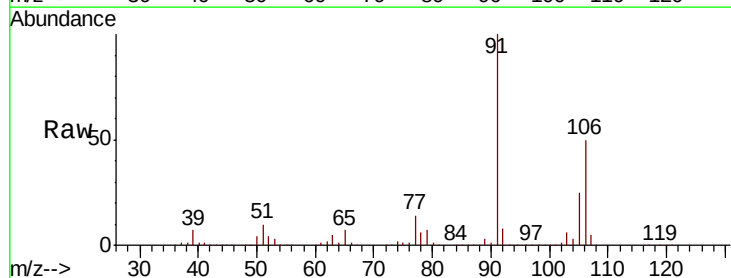
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

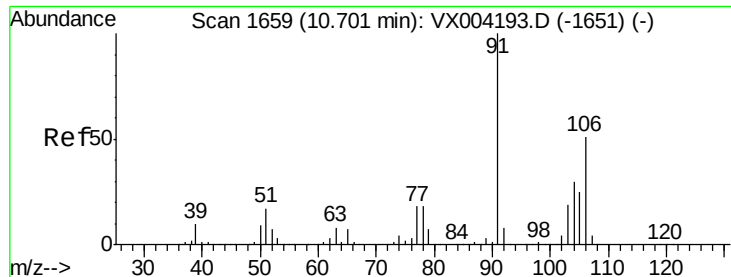
Tot Ion: 91 Resp: 969792
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 97.07 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion: 106 Resp: 763735
Ion Ratio Lower Upper
106 100
91 195.4 157.1 235.7

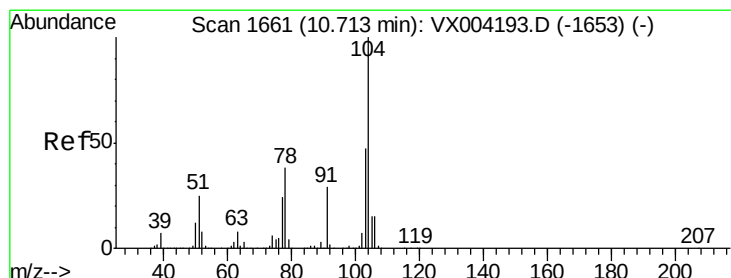
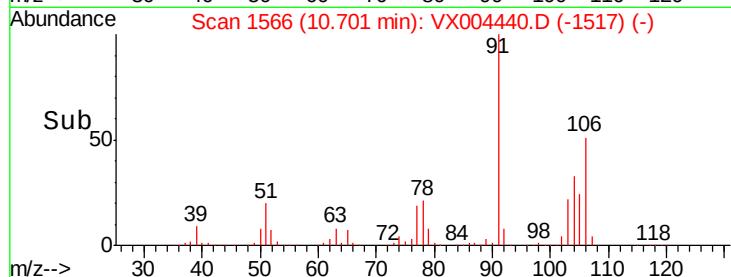
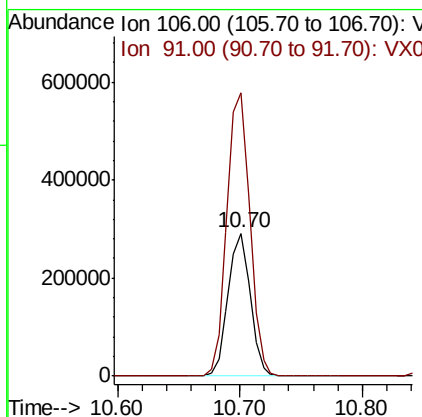
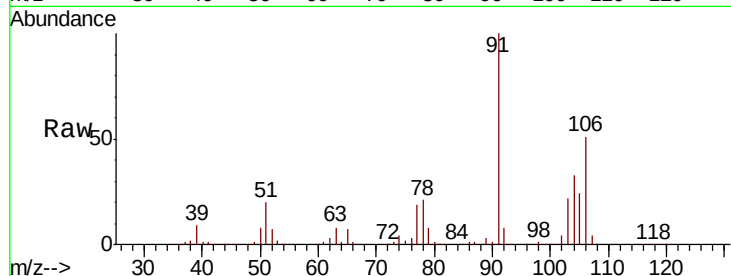




#69
o-Xylene
Concen: 49.21 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

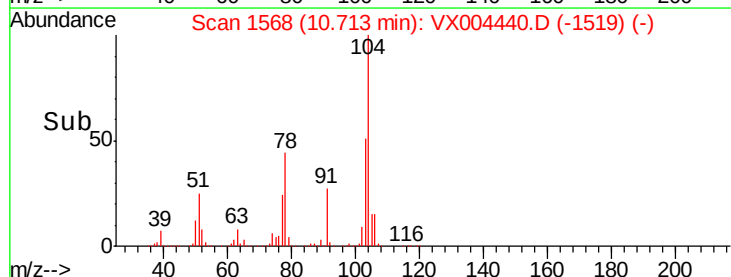
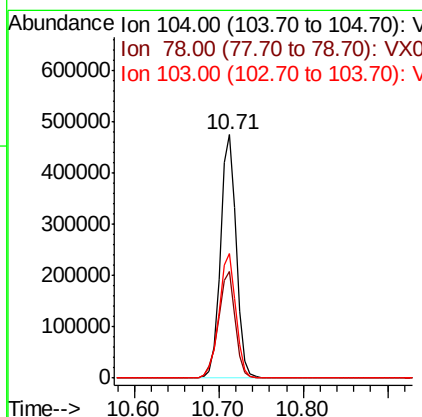
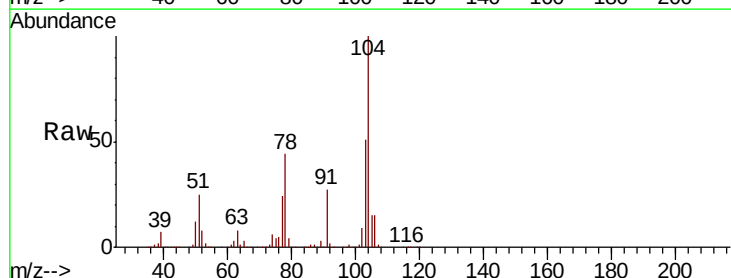
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

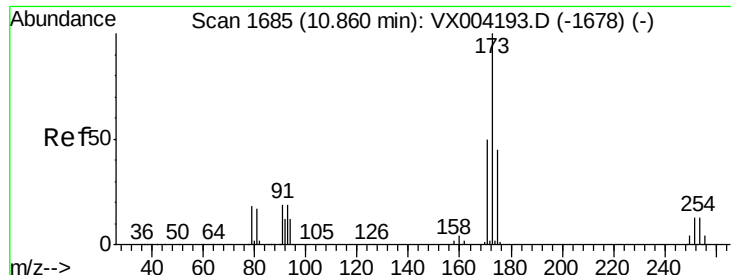
Tot Ion:106 Resp: 366221
Ion Ratio Lower Upper
106 100
91 205.2 105.1 315.1



#70
Styrene
Concen: 51.04 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004440.D
Acq: 10 Sep 2018 10:42

Tgt Ion:104 Resp: 615044
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 47.73 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

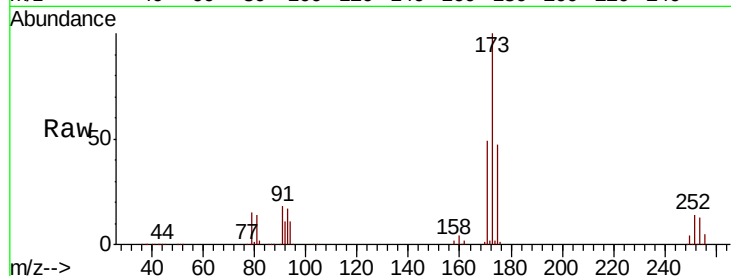
Tot Ion:173 Resp: 164402

Ion Ratio Lower Upper

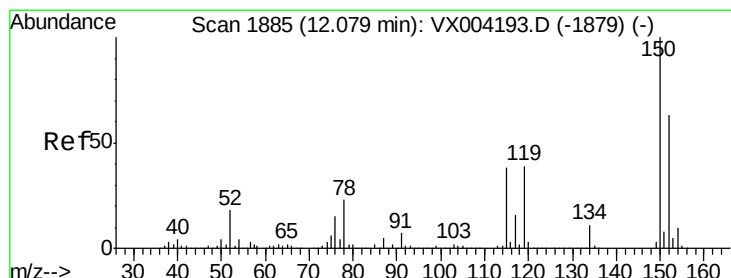
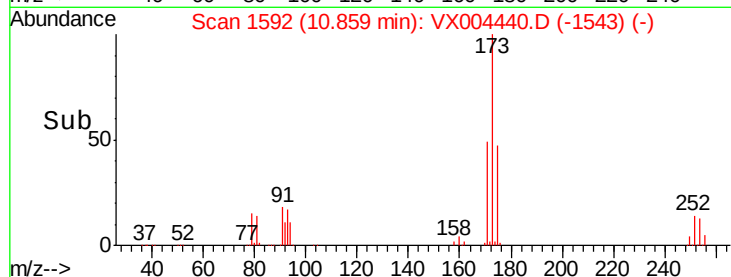
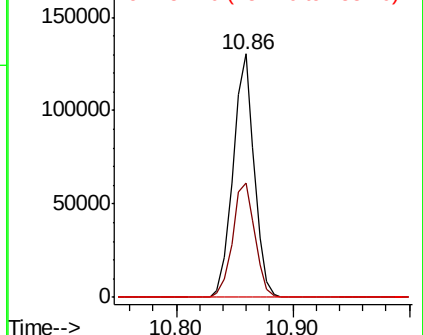
173 100

175 49.3 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

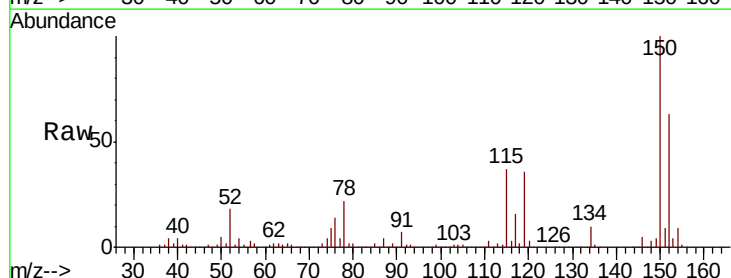
Tgt Ion:152 Resp: 314888

Ion Ratio Lower Upper

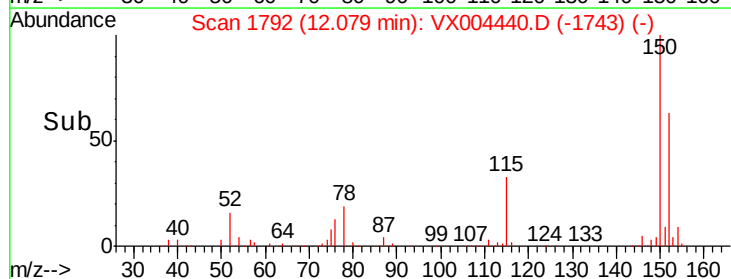
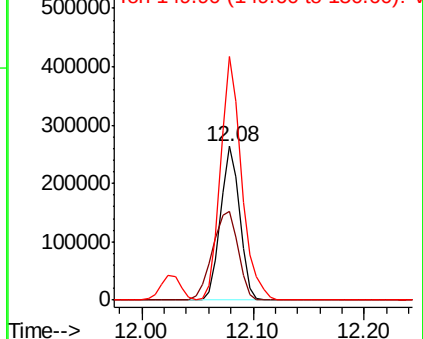
152 100

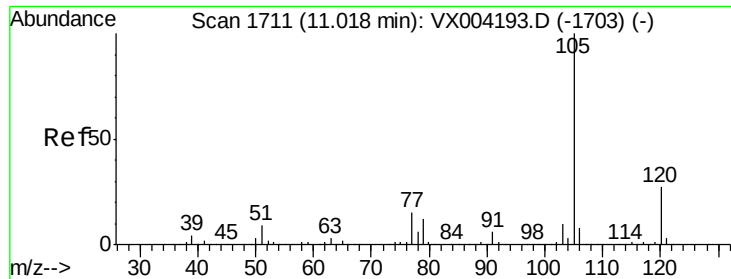
115 76.8 39.0 117.0

150 174.2 0.0 351.0



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





#73

Isopropylbenzene

Concen: 47.86 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

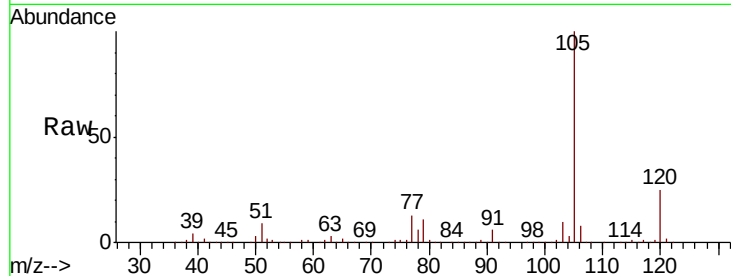
VSTDCCC050

Tot Ion:105 Resp: 989883

Ion Ratio Lower Upper

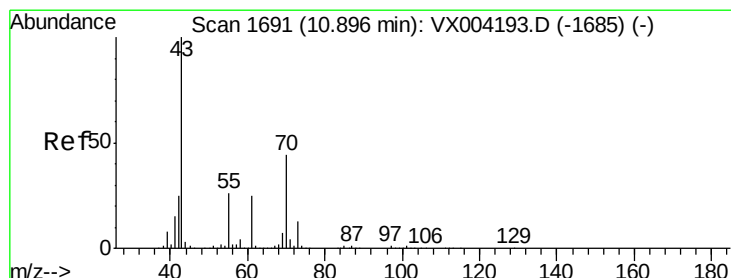
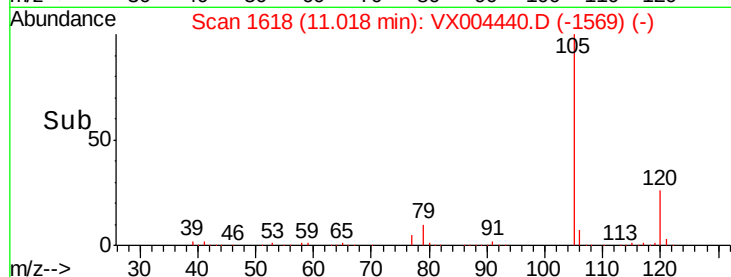
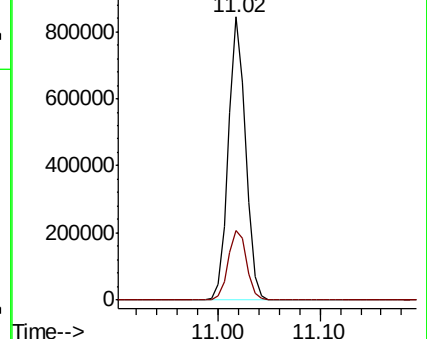
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.66 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Tgt Ion: 43 Resp: 363578

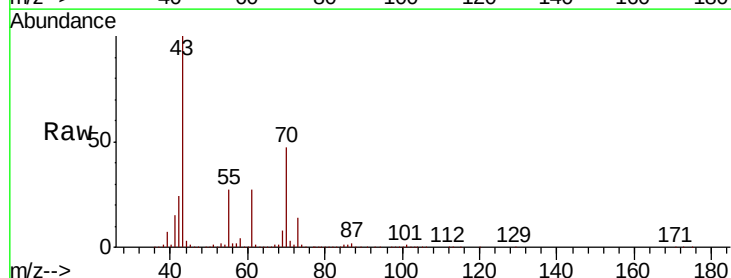
Ion Ratio Lower Upper

43 100

70 46.0 37.4 56.0

55 27.0 21.8 32.8

61 25.9 20.6 30.8

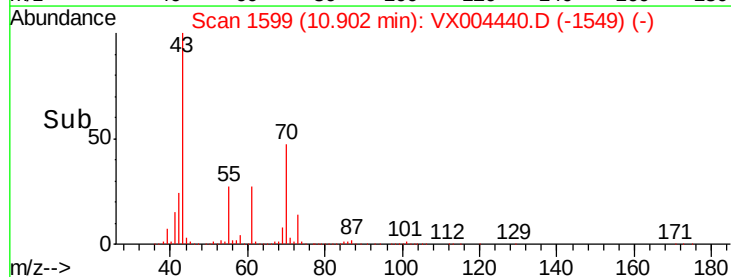
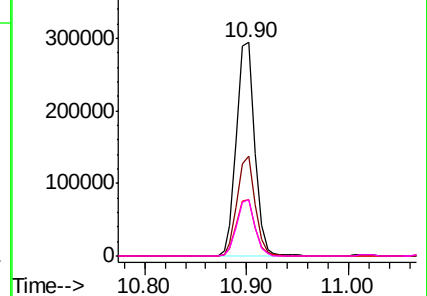


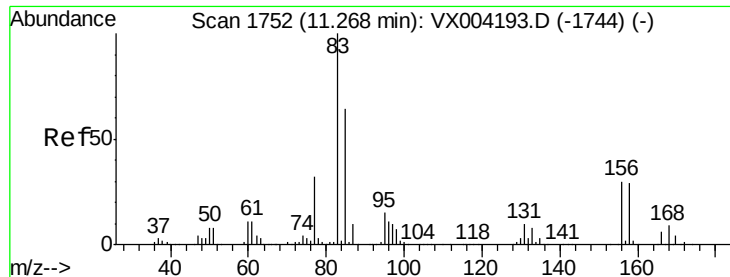
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 39.23 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

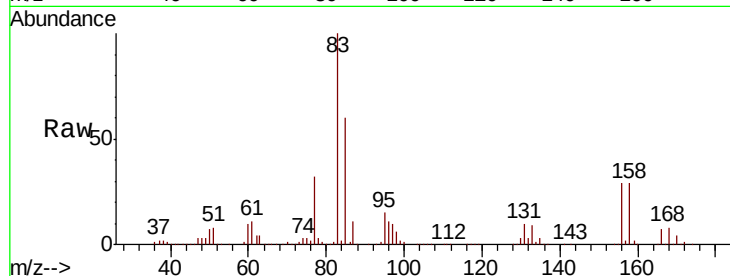
Tot Ion: 83 Resp: 283939

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

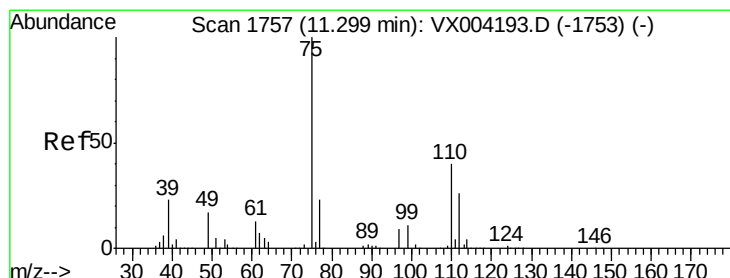
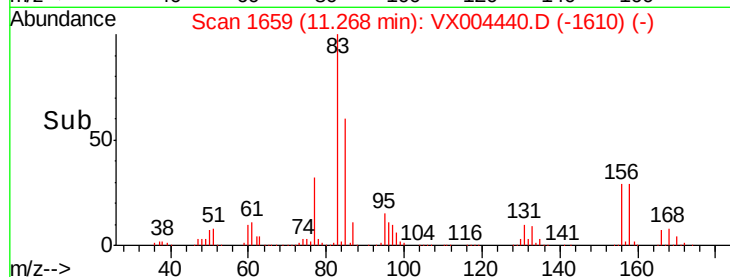
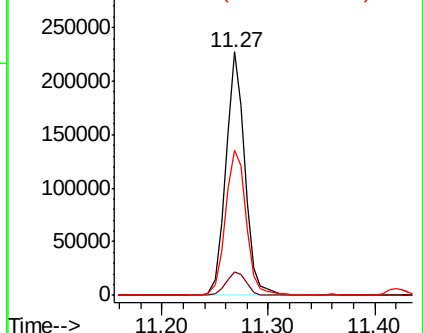
85 65.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.47 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004440.D

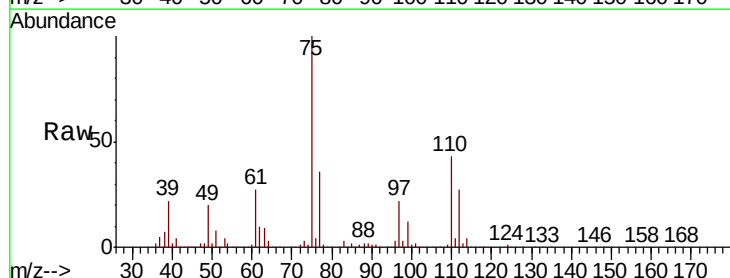
Acq: 10 Sep 2018 10:42

Tgt Ion: 75 Resp: 342432

Ion Ratio Lower Upper

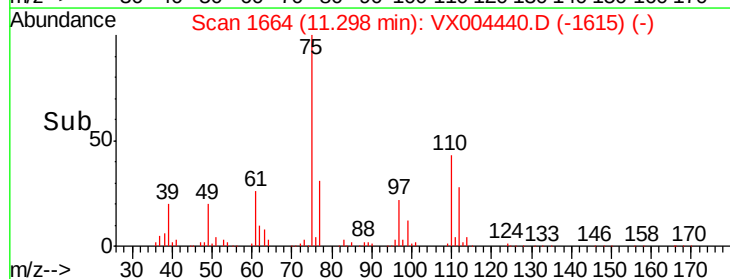
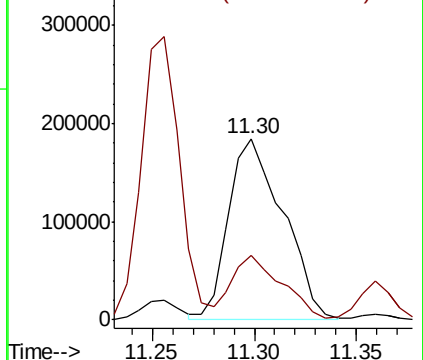
75 100

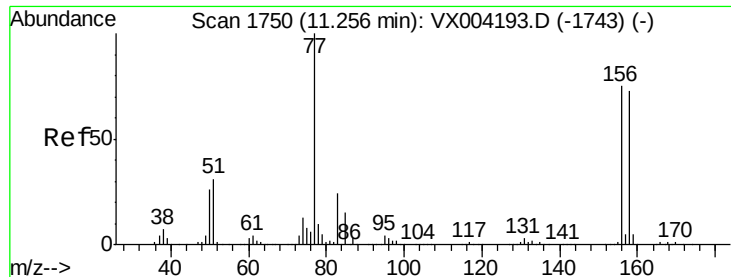
77 32.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.49 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

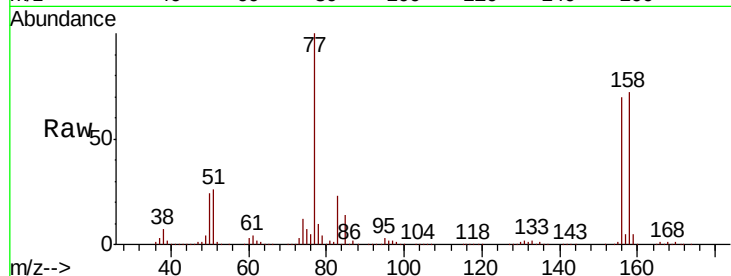
Tot Ion:156 Resp: 252330

Ion Ratio Lower Upper

156 100

77 149.8 71.5 214.3

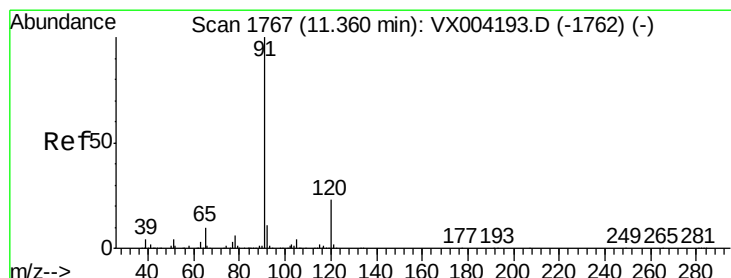
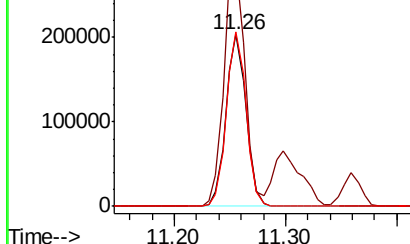
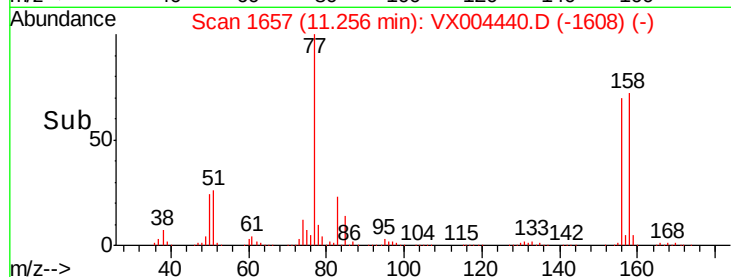
158 100.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.89 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004440.D

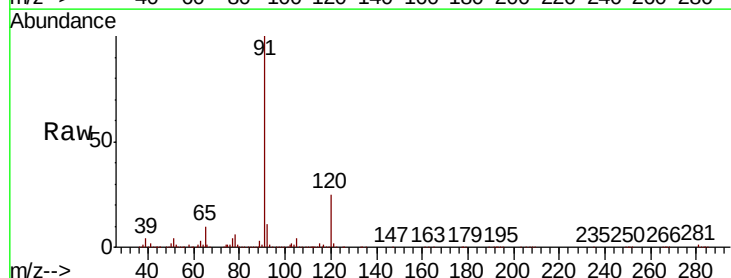
Acq: 10 Sep 2018 10:42

Tgt Ion: 91 Resp: 1115331

Ion Ratio Lower Upper

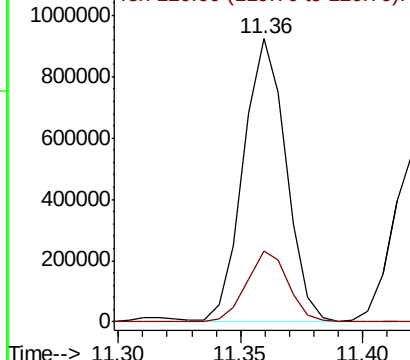
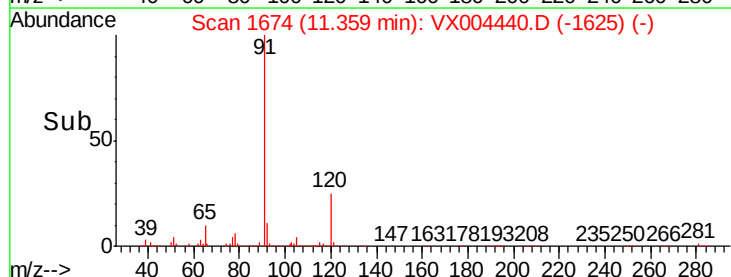
91 100

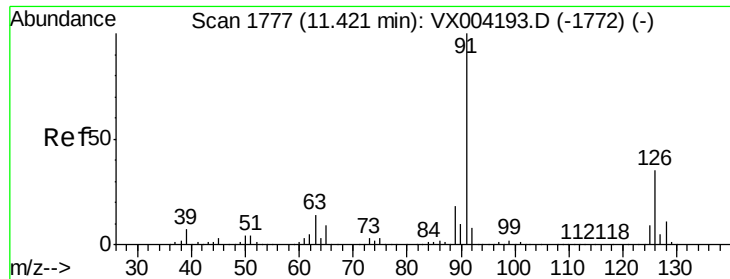
120 24.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

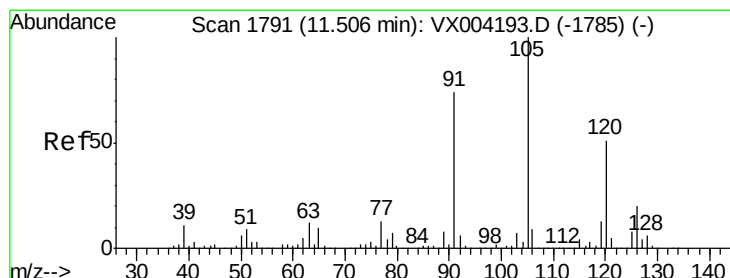
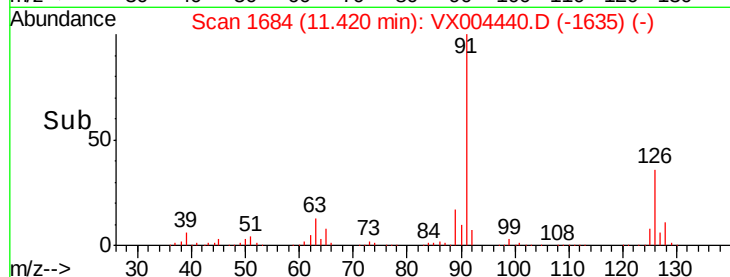
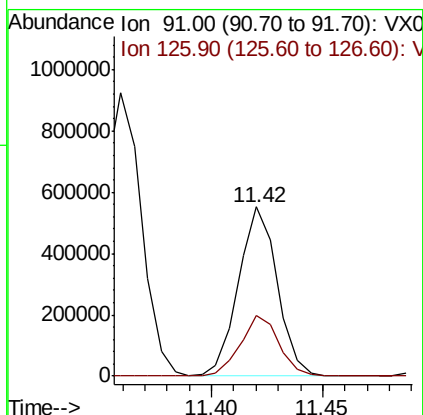
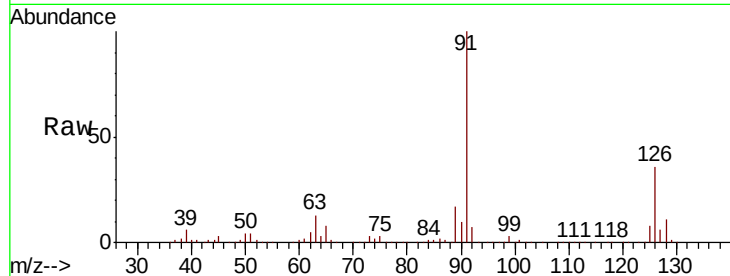




#79
 2-Chlorotoluene
 Concen: 45.62 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

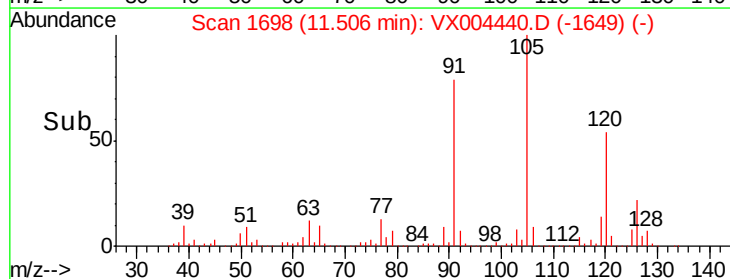
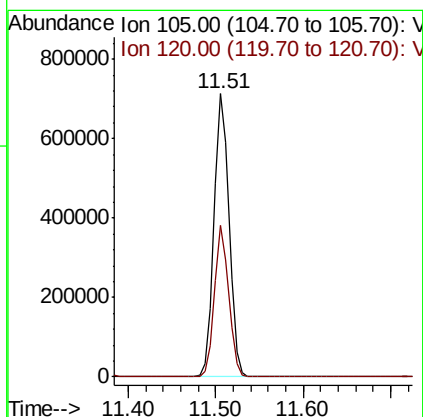
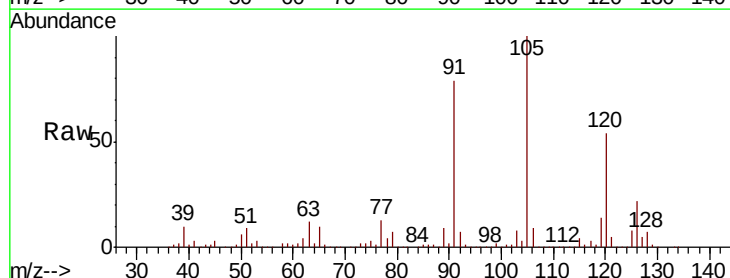
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

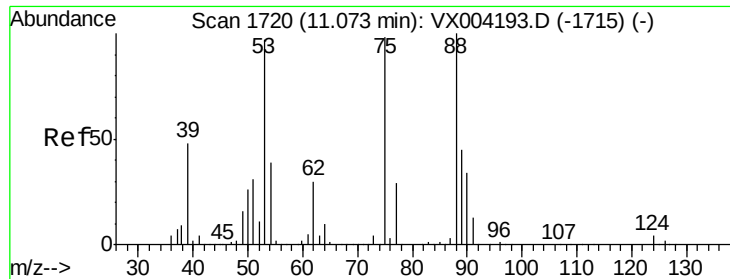
Tot Ion: 91 Resp: 667909
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.71 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion: 105 Resp: 851306
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.63 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

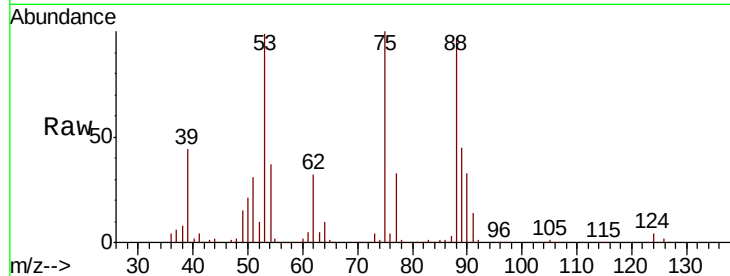
Tot Ion: 75 Resp: 90068

Ion Ratio Lower Upper

75 100

53 96.6 80.1 120.1

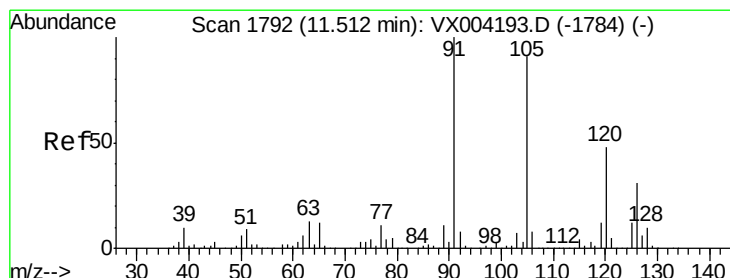
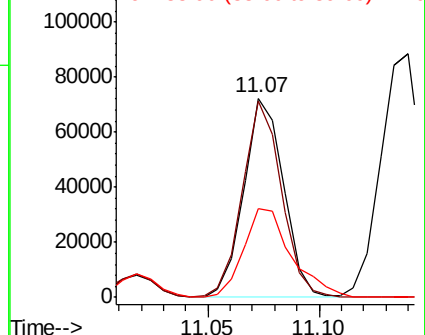
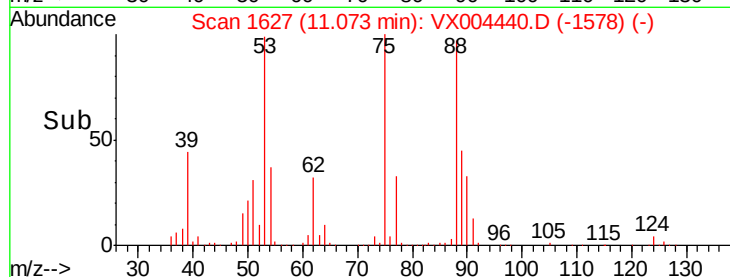
89 54.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.40 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004440.D

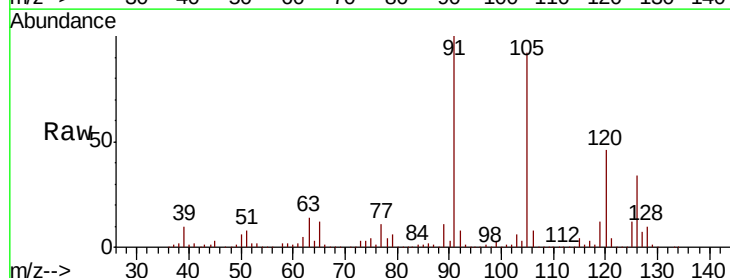
Acq: 10 Sep 2018 10:42

Tgt Ion: 91 Resp: 816658

Ion Ratio Lower Upper

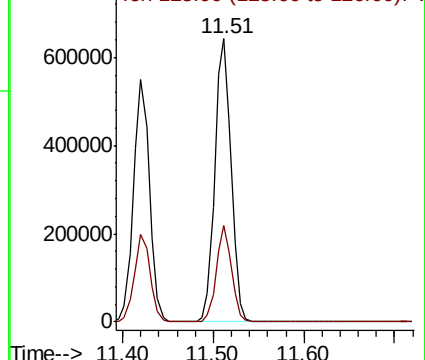
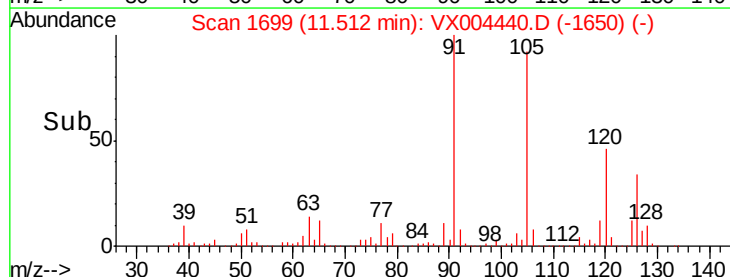
91 100

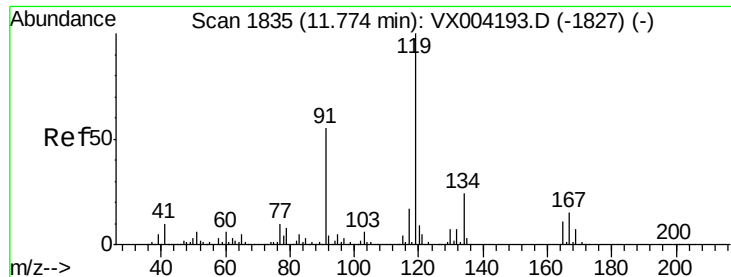
126 31.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

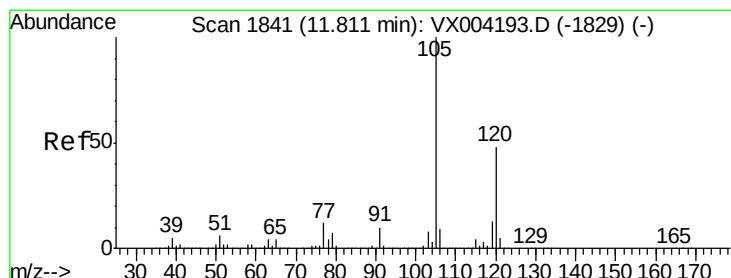
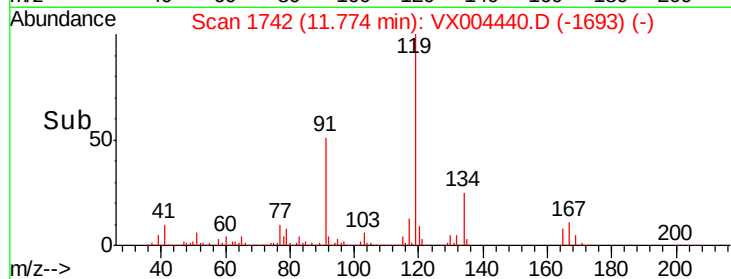
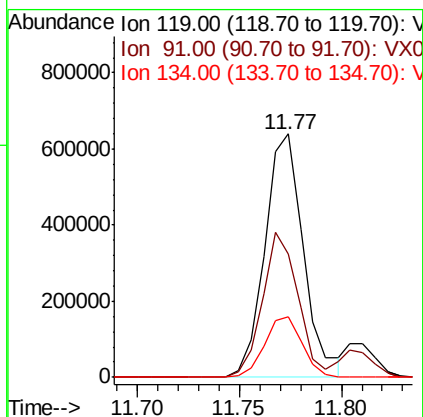
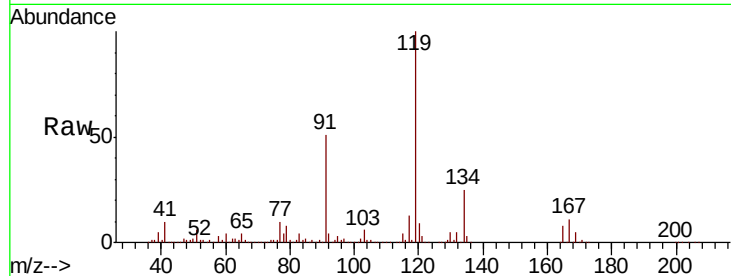




#83
 tert-Butylbenzene
 Concen: 48.90 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

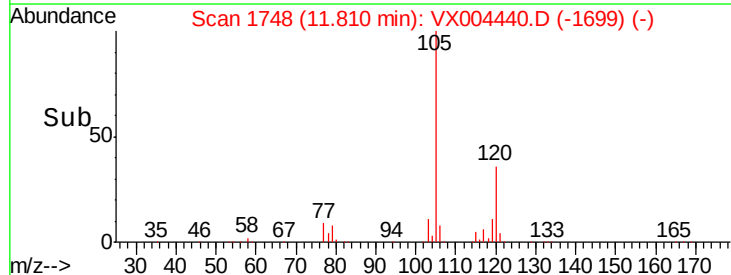
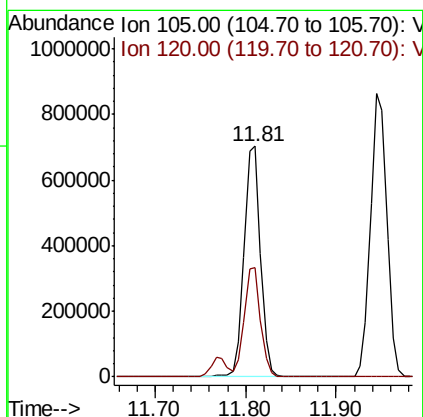
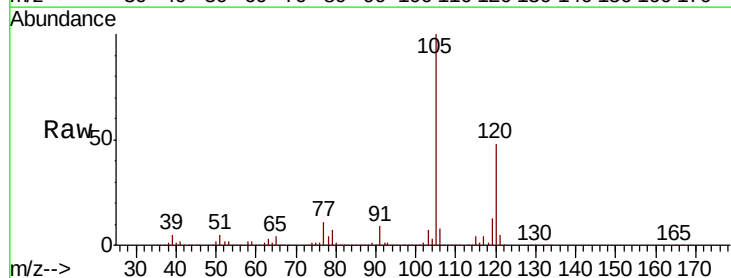
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

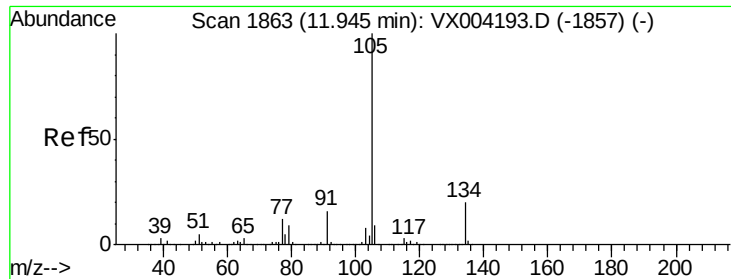
Tot Ion:119 Resp: 842695
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.0 81.0
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.17 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion:105 Resp: 881959
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.03 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

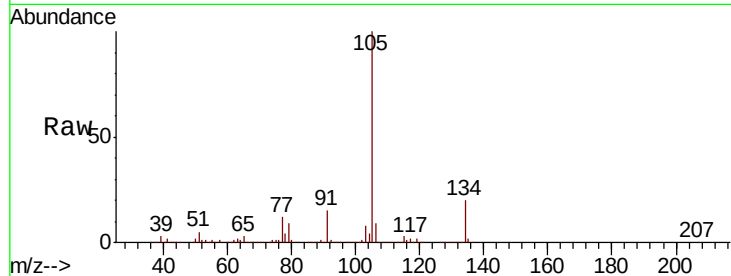
VSTDCCC050

Tot Ion:105 Resp: 1084975

Ion Ratio Lower Upper

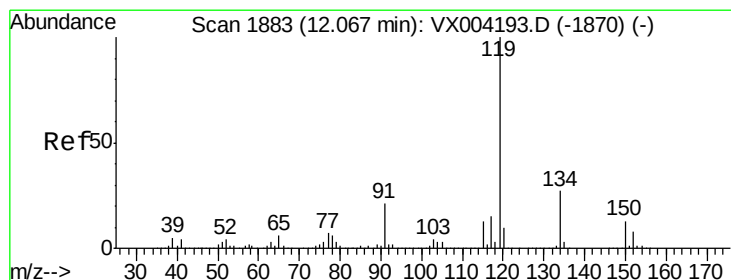
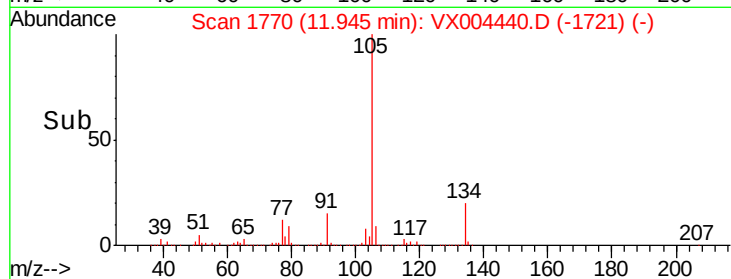
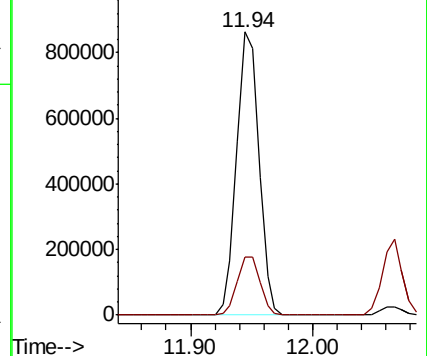
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.93 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

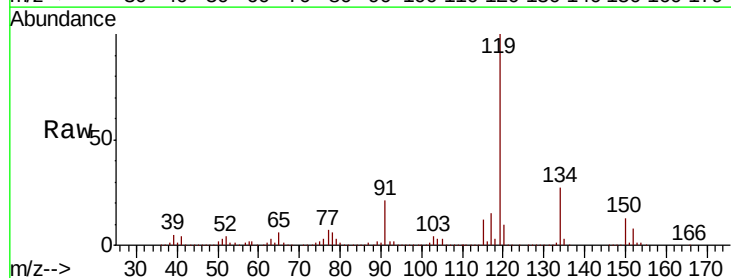
Tgt Ion:119 Resp: 988788

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

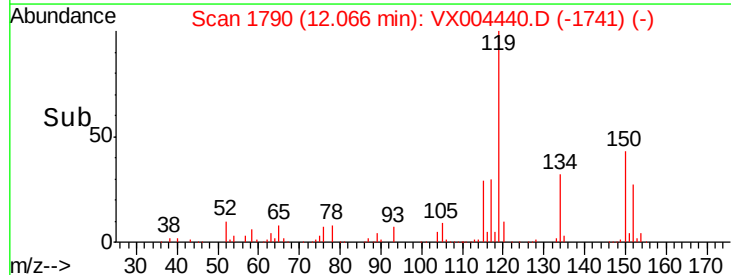
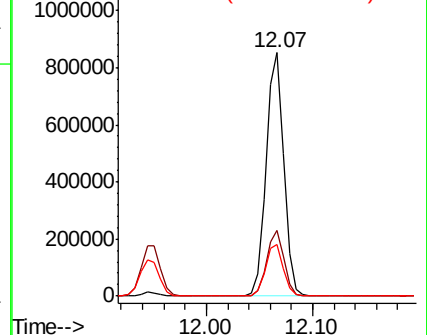
91 21.3 10.9 32.7

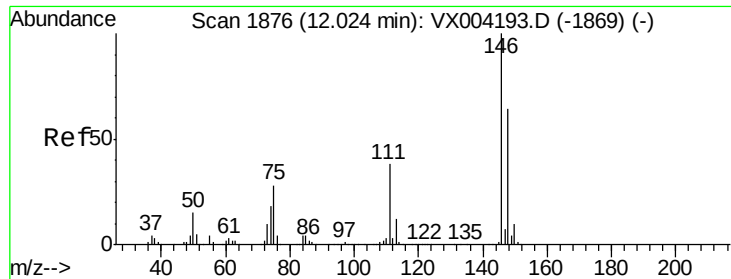


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

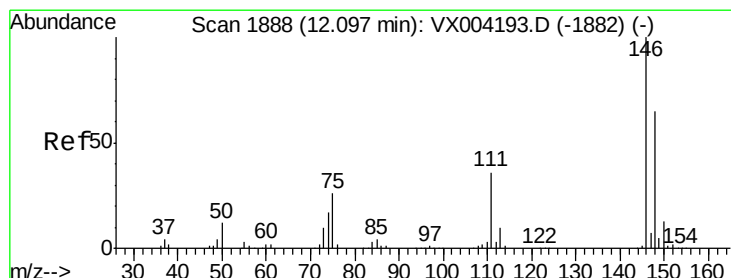
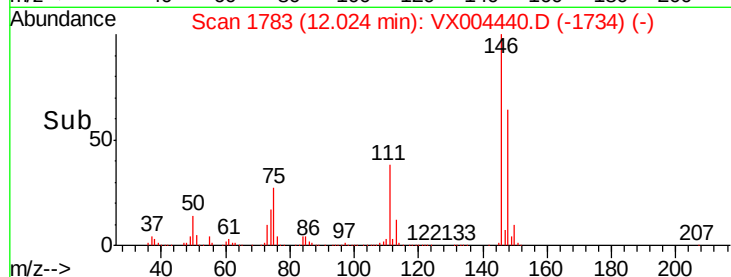
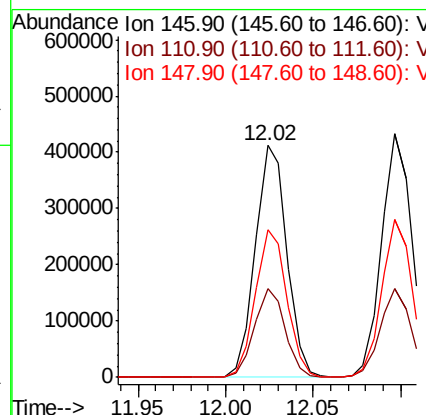
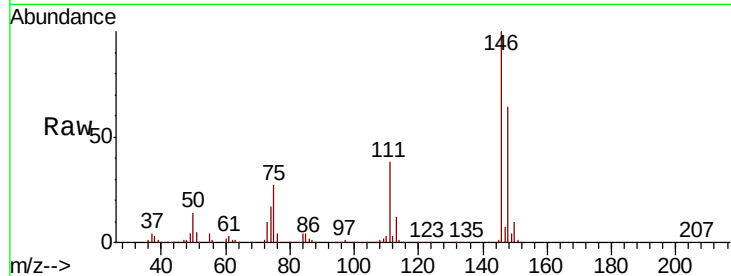




#87
 1,3-Dichlorobenzene
 Concen: 47.24 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

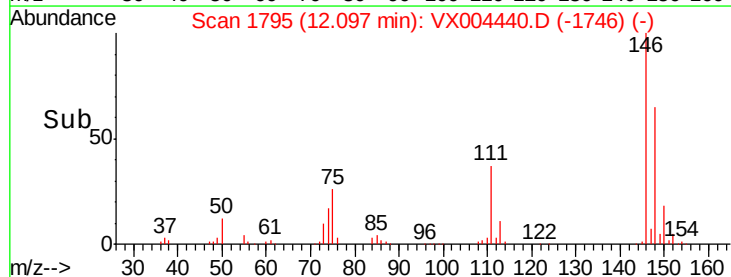
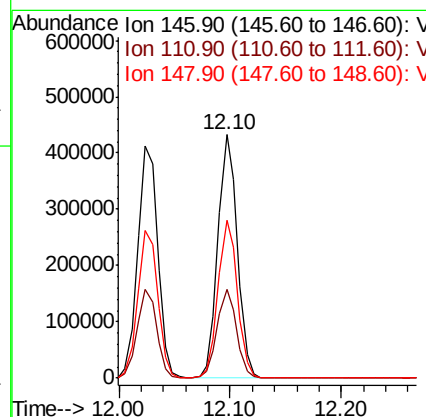
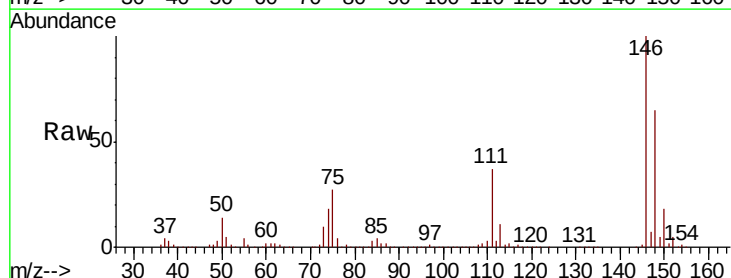
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

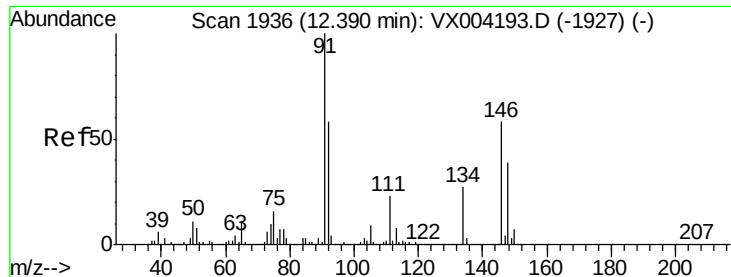
Tot Ion:146 Resp: 516001
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 45.37 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion:146 Resp: 522468
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 58.99 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

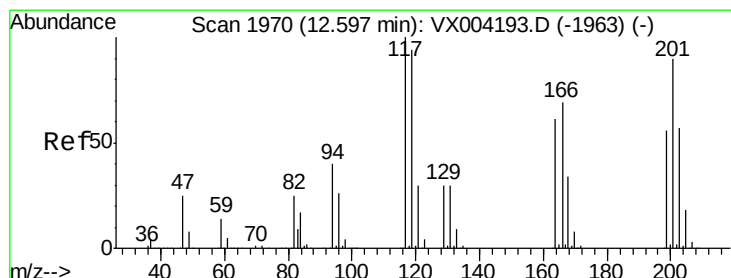
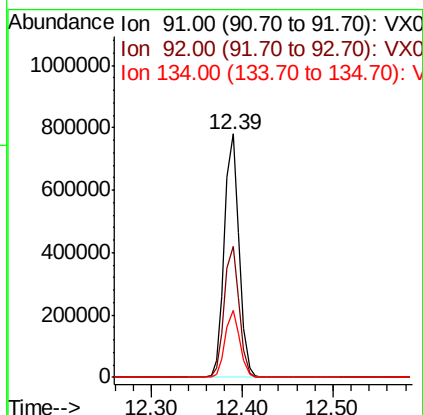
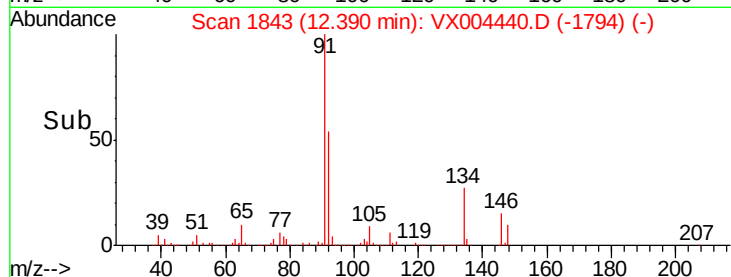
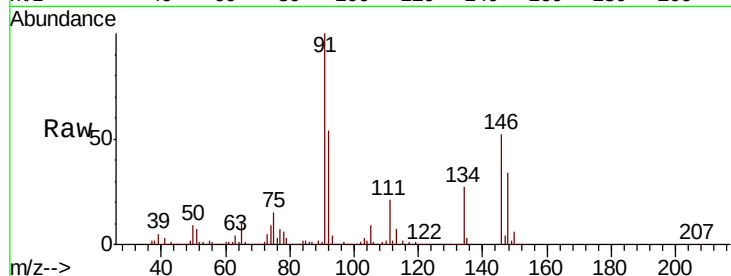
Tot Ion: 91 Resp: 879415

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

134 27.2 13.6 40.7



#90

Hexachloroethane

Concen: 55.63 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004440.D

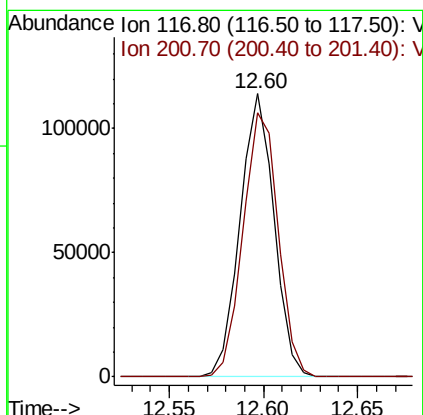
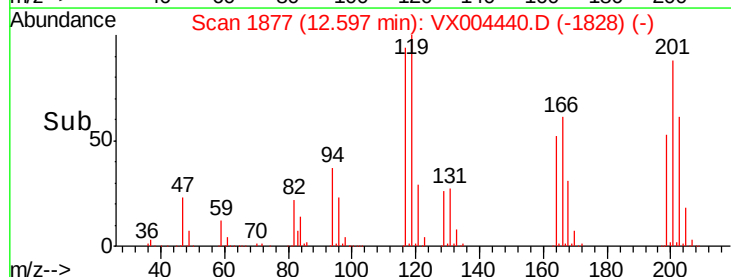
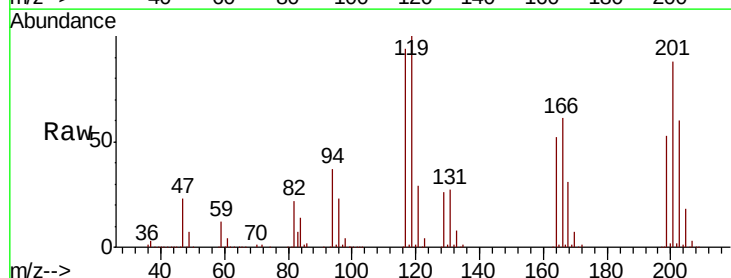
Acq: 10 Sep 2018 10:42

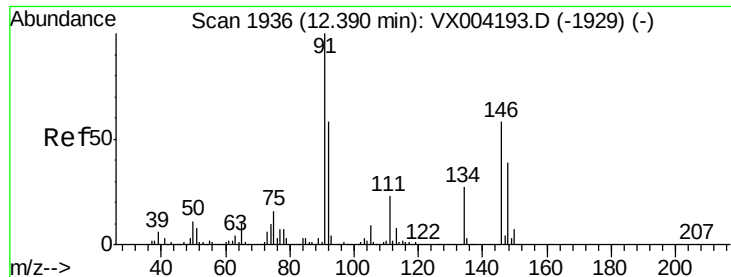
Tgt Ion: 117 Resp: 142558

Ion Ratio Lower Upper

117 100

201 96.7 46.9 140.6

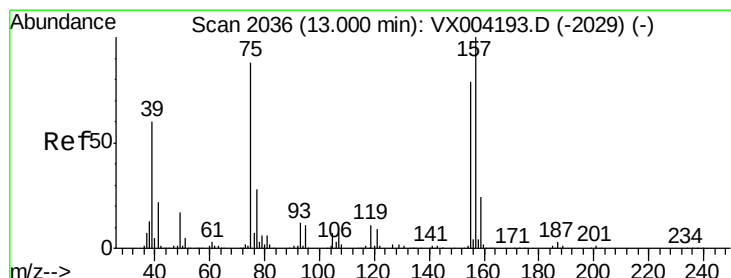
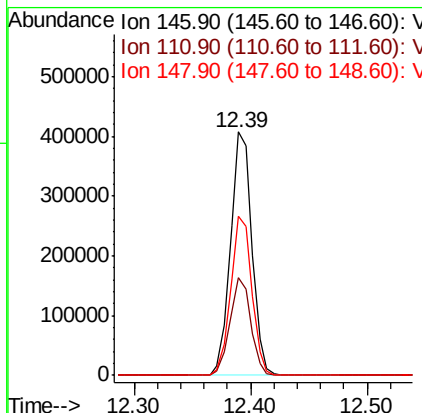
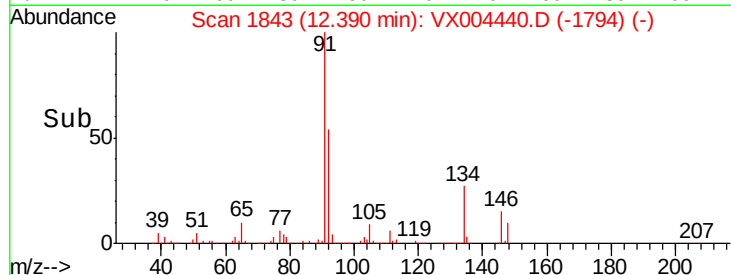
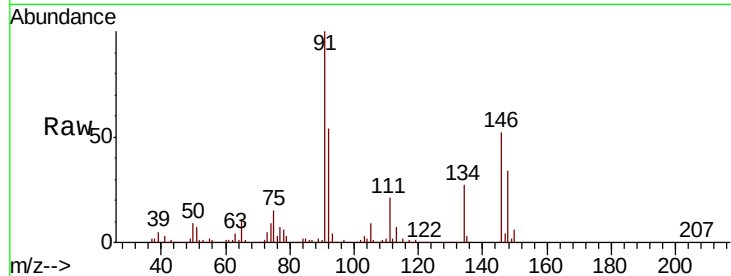




#91
 1,2-Dichlorobenzene
 Concen: 52.12 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

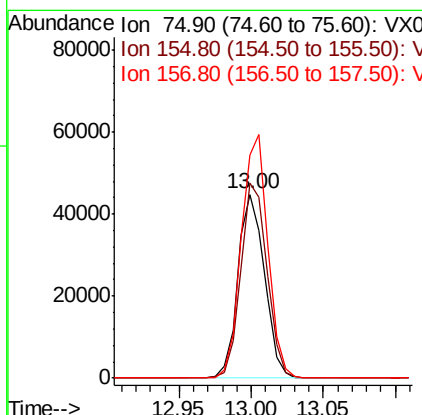
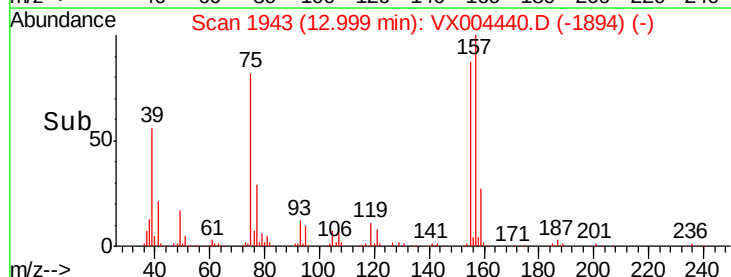
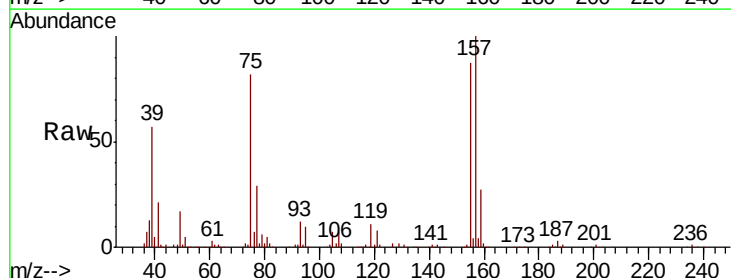
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

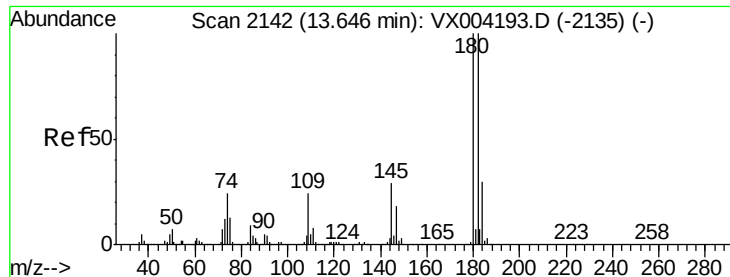
Tot Ion:146 Resp: 520341
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 64.5 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.04 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion: 75 Resp: 57417
 Ion Ratio Lower Upper
 75 100
 155 104.6 48.0 144.2
 157 131.2 61.4 184.1

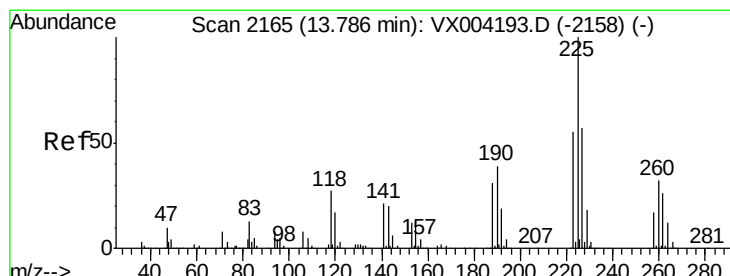
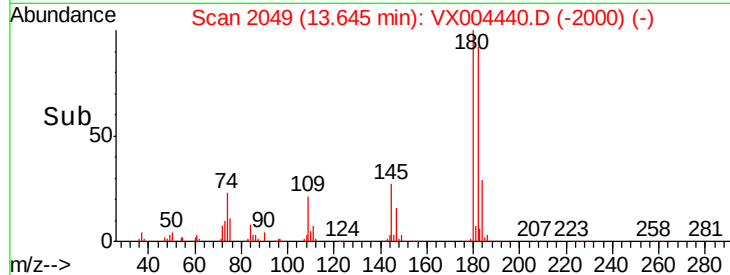
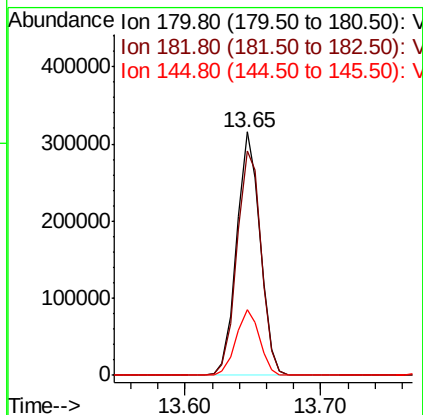
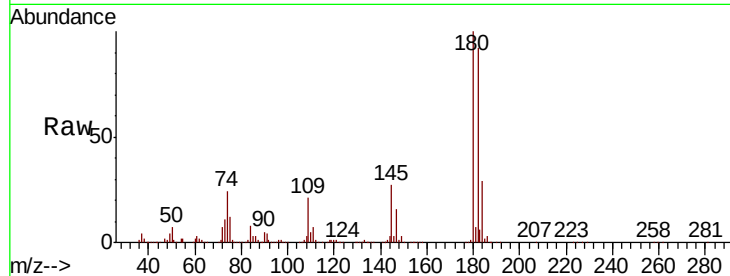




#93
 1,2,4-Trichlorobenzene
 Concen: 51.82 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

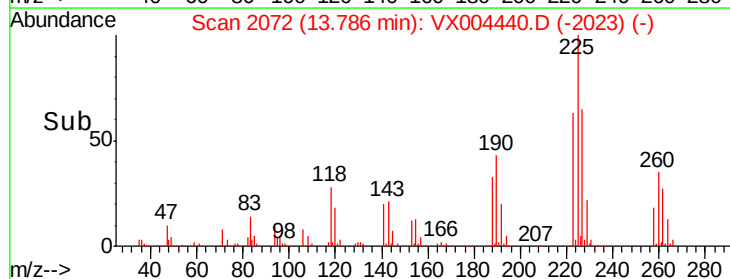
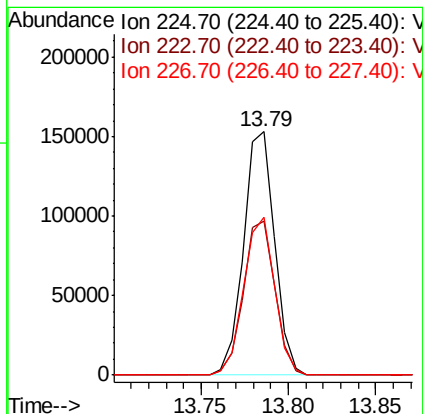
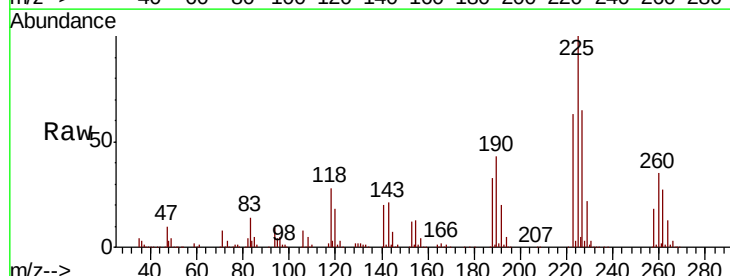
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

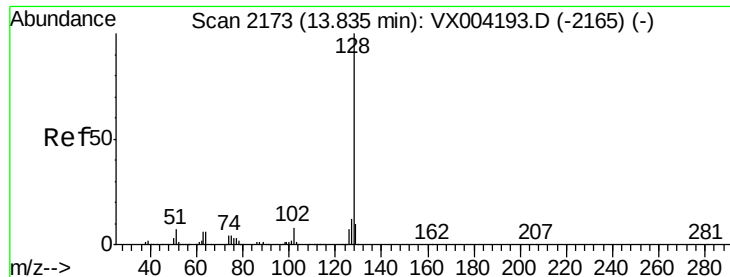
Tot Ion:180 Resp: 376366
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.4 145.0
 145 27.2 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 55.93 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004440.D
 Acq: 10 Sep 2018 10:42

Tgt Ion:225 Resp: 188942
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.1 90.5
 227 64.7 30.8 92.4





#95

Naphthalene

Concen: 50.80 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Instrument :

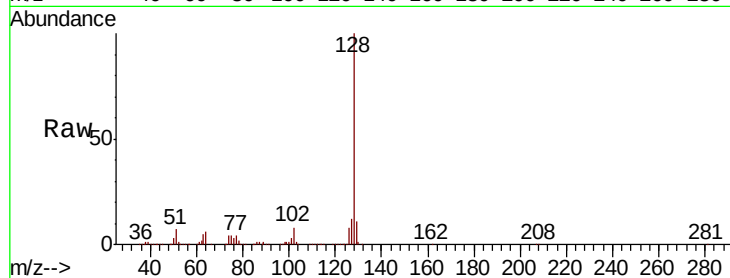
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1043620

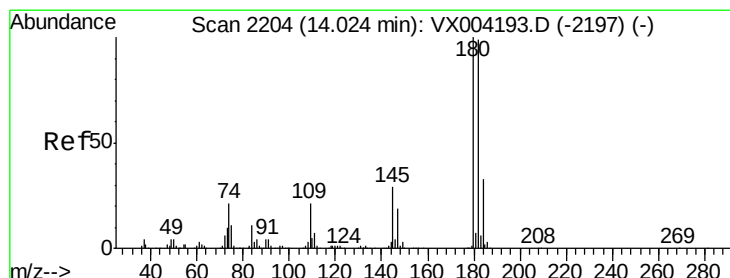
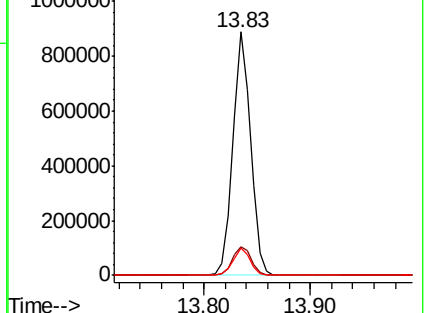
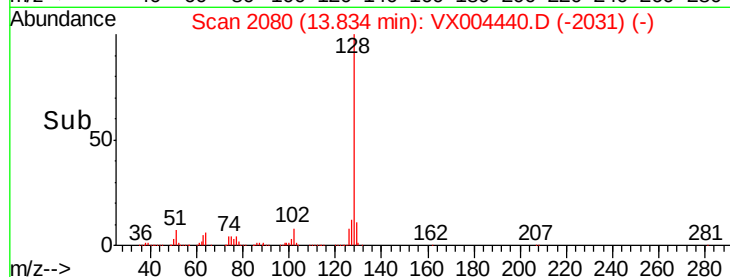
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.9	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.42 ug/l

RT: 14.02 min Scan# 2110

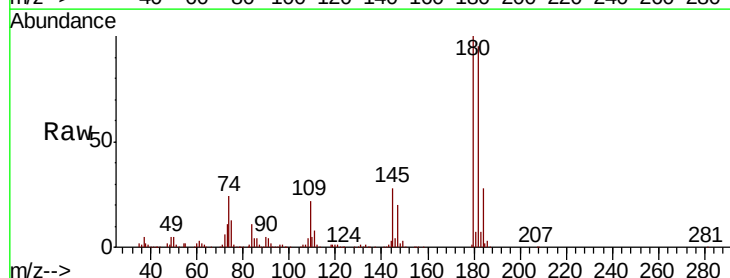
Delta R.T. -0.01 min

Lab File: VX004440.D

Acq: 10 Sep 2018 10:42

Tgt Ion:180 Resp: 380034

Ion	Ratio	Lower	Upper
180	100		
182	98.7	48.5	145.6
145	29.0	14.9	44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

