

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003589.D
 Acq On : 22 Jul 2018 07:40
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 03:52:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160897	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
35) Dibromofluoromethane	5.50	113	169343	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	
50) Toluene-d8	8.72	98	565814	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	206038	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	115304	46.60	ug/l	95
3) Chloromethane	1.32	50	161494	52.78	ug/l	99
4) Vinyl Chloride	1.40	62	169508	42.86	ug/l	98
5) Bromomethane	1.64	94	76711	48.69	ug/l	97
6) Chloroethane	1.72	64	109926	46.97	ug/l	99
7) Trichlorofluoromethane	1.93	101	241118	45.70	ug/l	95
8) Diethyl Ether	2.19	74	105010	46.34	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150205	43.49	ug/l	96
10) Methyl Iodide	2.51	142	217714	52.48	ug/l	92
11) Tert butyl alcohol	3.07	59	194428	266.62	ug/l	99
12) 1,1-Dichloroethene	2.37	96	144447	45.43	ug/l	92
13) Acrolein	2.30	56	62238	188.89	ug/l	95
14) Allyl chloride	2.73	41	261341	46.43	ug/l #	84
15) Acrylonitrile	3.15	53	445907	240.18	ug/l	96
16) Acetone	2.45	43	367060	263.69	ug/l	100
17) Carbon Disulfide	2.57	76	398860	46.38	ug/l	97
18) Methyl Acetate	2.78	43	216126	49.25	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	499107	48.07	ug/l	96
20) Methylene Chloride	2.86	84	171845	50.50	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	163427	46.19	ug/l #	78
22) Diisopropyl ether	3.87	45	561954	53.05	ug/l #	89
23) Vinyl Acetate	3.83	43	2159375	247.50	ug/l	98
24) 1,1-Dichloroethane	3.70	63	325157	52.32	ug/l	99
25) 2-Butanone	4.71	43	592101	253.52	ug/l	91
26) 2,2-Dichloropropane	4.59	77	137326	29.09	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	205954	52.28	ug/l	87
28) Bromochloromethane	5.03	49	131247	48.32	ug/l #	79
29) Tetrahydrofuran	5.16	42	377601	244.74	ug/l #	83
30) Chloroform	5.22	83	320220	52.77	ug/l	99
31) Cyclohexane	5.57	56	253672	45.69	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	252612	48.61	ug/l	94
36) 1,1-Dichloropropene	5.80	75	207118	49.51	ug/l	96
37) Ethyl Acetate	4.86	43	229137	57.89	ug/l #	95
38) Carbon Tetrachloride	5.78	117	224940	54.82	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241329	48.71	ug/l	93
40) Benzene	6.14	78	653701	51.76	ug/l	96
41) Methacrylonitrile	5.07	41	130011	55.88	ug/l	92
42) 1,2-Dichloroethane	6.21	62	217340	54.62	ug/l	96
43) Isopropyl Acetate	6.46	43	316521	50.27	ug/l #	92
44) Trichloroethene	7.22	130	192269	51.05	ug/l	89
45) 1,2-Dichloropropane	7.52	63	163178	50.88	ug/l	100
46) Dibromomethane	7.67	93	106700	51.68	ug/l	92
47) Bromodichloromethane	7.90	83	200174	52.96	ug/l	98
48) Methyl methacrylate	7.78	41	163464	51.48	ug/l #	82
49) 1,4-Dioxane	7.76	88	77104	1071.64	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	1057350	265.80	ug/l	91
52) Toluene	8.79	92	405534	51.01	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226821	48.75	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	203887	48.73	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	162446	51.35	ug/l	99
56) Ethyl methacrylate	9.18	69	238167	53.45	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	262909	51.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	546569	252.26	ug/l	96
59) 2-Hexanone	9.50	43	783972	265.99	ug/l	87
60) Dibromochloromethane	9.59	129	169920	54.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	171248	52.22	ug/l	99
64) Tetrachloroethene	9.34	164	229586	51.27	ug/l	97
65) Chlorobenzene	10.14	112	466408	49.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169979	52.17	ug/l	99
67) Ethyl Benzene	10.26	91	772966	50.77	ug/l	99
68) m/p-Xylenes	10.36	106	607501	101.78	ug/l	96
69) o-Xylene	10.70	106	295223	51.15	ug/l	95
70) Styrene	10.71	104	499592	52.62	ug/l	96
71) Bromoform	10.86	173	137018	54.13	ug/l #	100
73) Isopropylbenzene	11.02	105	789363	50.08	ug/l	99
74) N-amyl acetate	6.46	43	316521	47.29	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	227162	49.18	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	251452	61.42	ug/l	80
77) Bromobenzene	11.26	156	220969	48.74	ug/l	95
78) n-propylbenzene	11.36	91	878318	50.13	ug/l	98
79) 2-Chlorotoluene	11.42	91	522395	49.12	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	655378	50.60	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	55372	38.96	ug/l	89
82) 4-Chlorotoluene	11.51	91	607941	48.78	ug/l	96
83) tert-Butylbenzene	11.77	119	631616	49.79	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	673704	51.11	ug/l	96
85) sec-Butylbenzene	11.95	105	769797	49.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	700211	50.64	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	399593	47.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	402591	46.90	ug/l	98
89) n-Butylbenzene	12.39	91	569117	48.47	ug/l	98
90) Hexachloroethane	12.60	117	97771	49.74	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	404506	49.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46510	51.74	ug/l	84

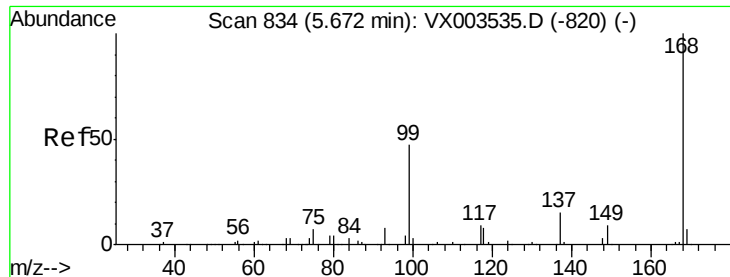
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293323	48.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	137333	47.44	ug/l	99
95) Naphthalene	13.83	128	825840	52.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298001	50.01	ug/l	99

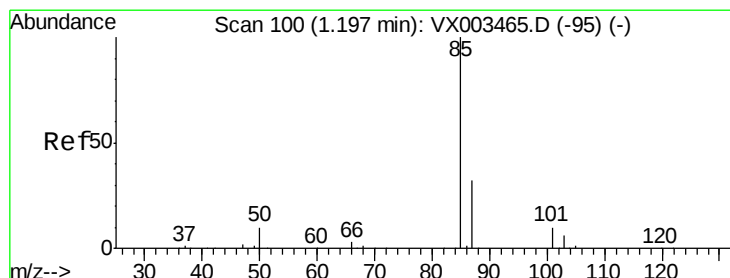
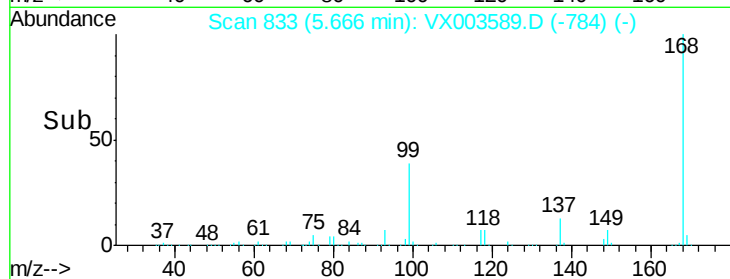
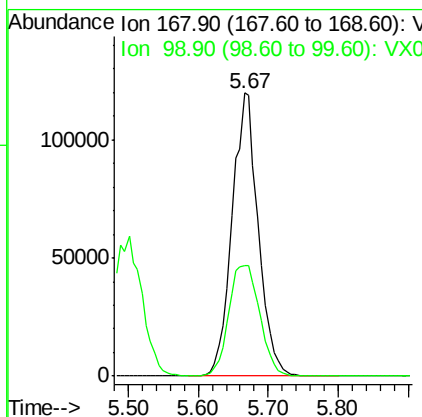
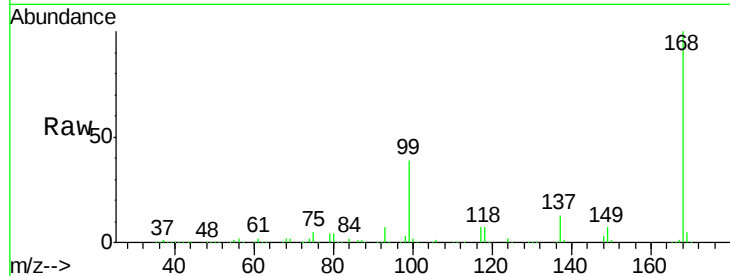
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

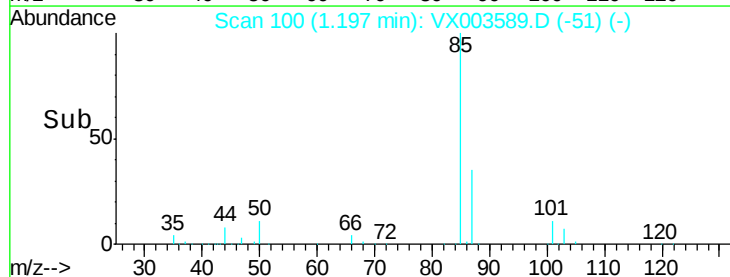
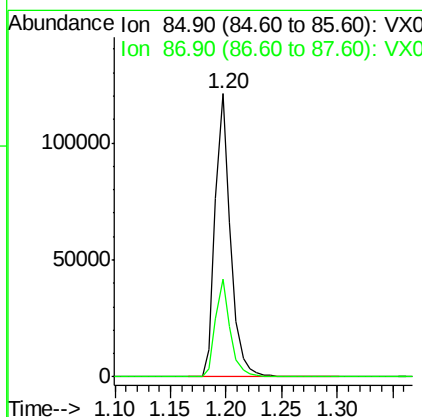
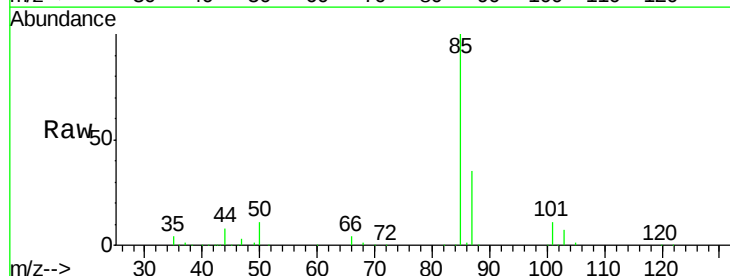
Instrument :
MSVOA_X
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VSTDCCC050EC

Tot Ion:168 Resp: 311325
Ion Ratio Lower Upper
168 100
99 39.1 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 46.60 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 85 Resp: 115304
Ion Ratio Lower Upper
85 100
87 34.6 16.0 47.9





#3

Chloromethane

Concen: 52.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

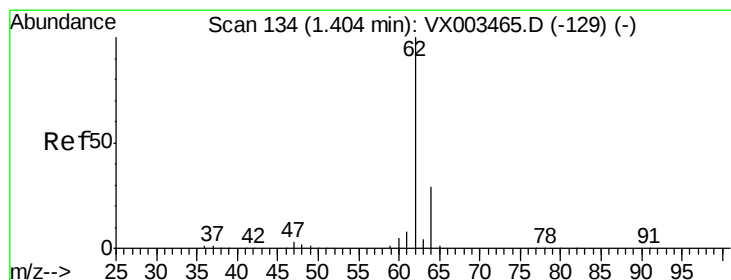
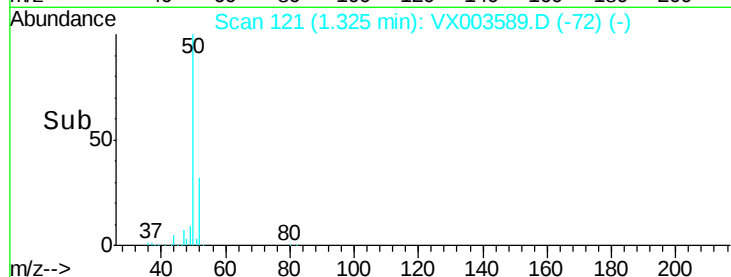
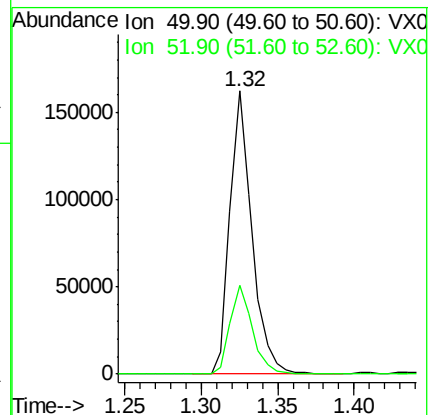
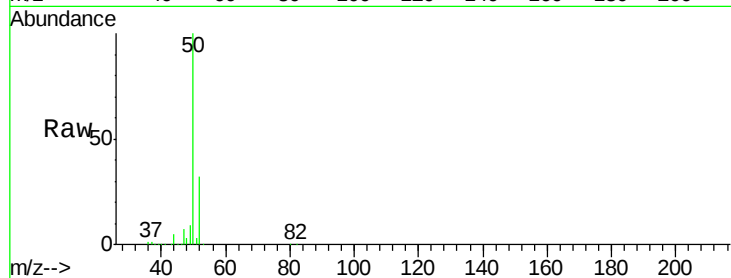
VSTDCCC050EC

Tot Ion: 50 Resp: 161494

Ion Ratio Lower Upper

50 100

52 31.6 25.7 38.5



#4

Vinyl Chloride

Concen: 42.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003589.D

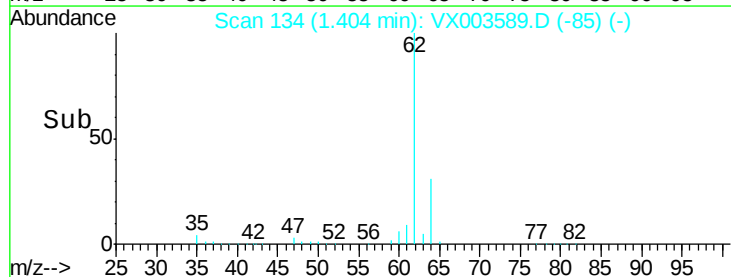
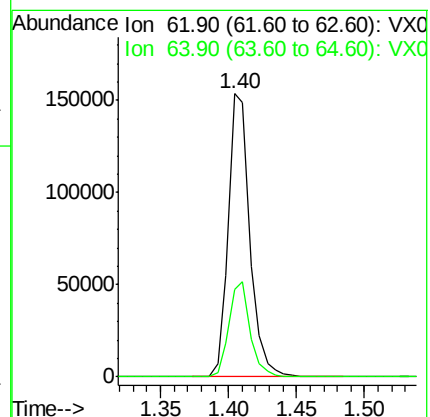
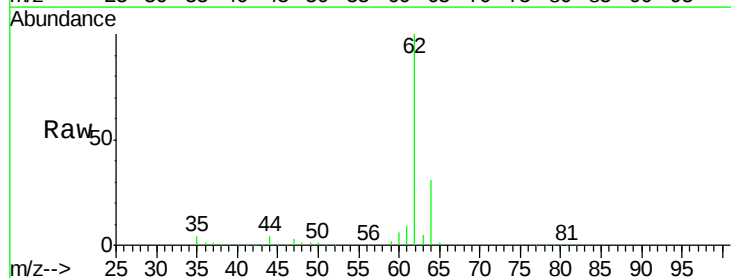
Acq: 22 Jul 2018 07:40

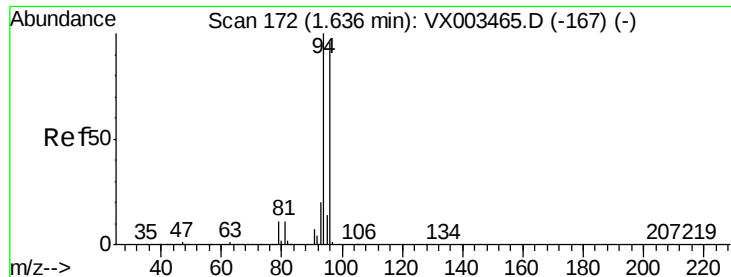
Tgt Ion: 62 Resp: 169508

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 48.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

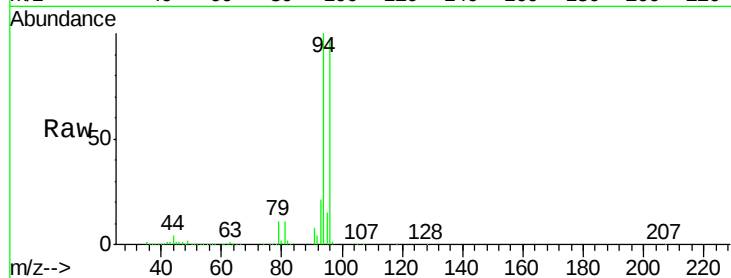
VSTDCCC050EC

Tot Ion: 94 Resp: 76711

Ion Ratio Lower Upper

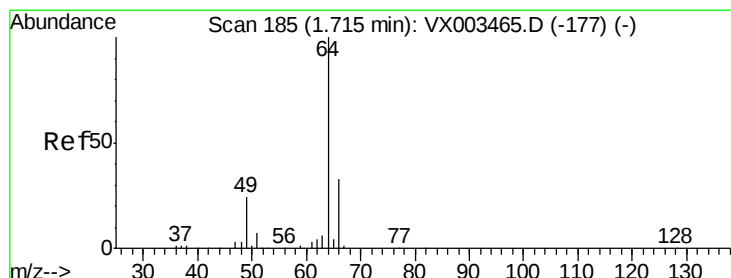
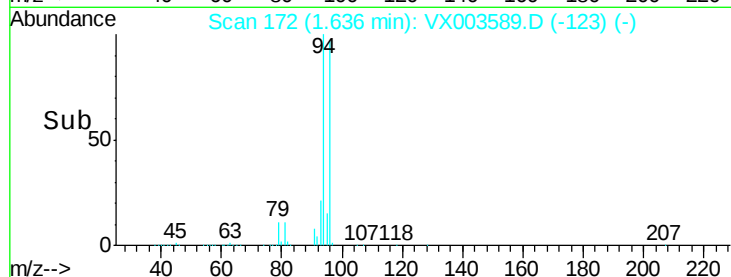
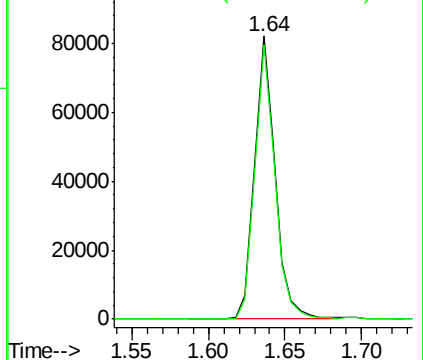
94 100

96 96.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.97 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003589.D

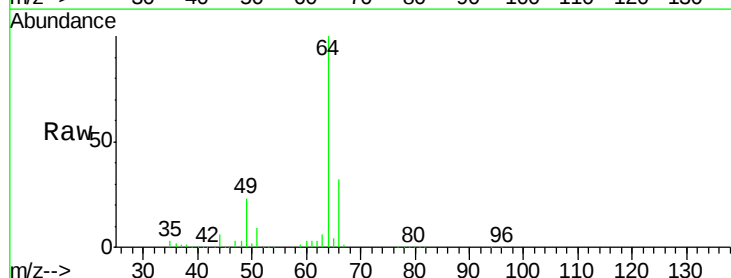
Acq: 22 Jul 2018 07:40

Tgt Ion: 64 Resp: 109926

Ion Ratio Lower Upper

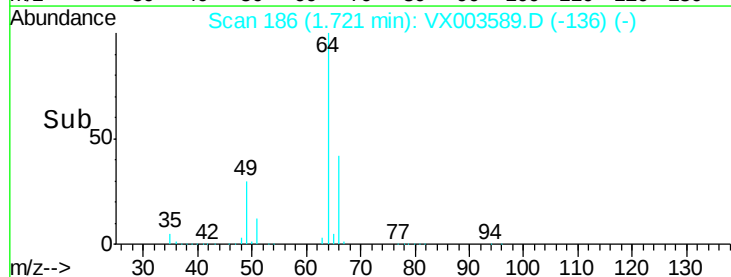
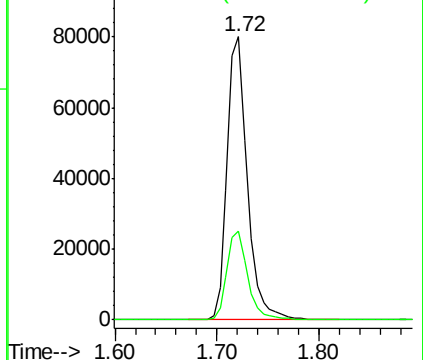
64 100

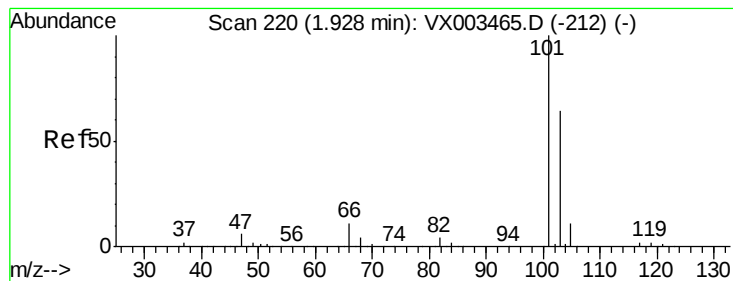
66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 45.70 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

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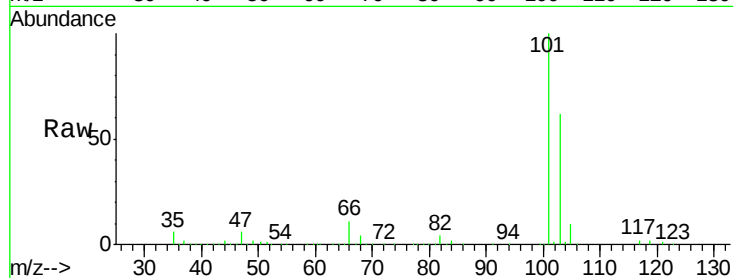
VSTDCCC050EC

Tot Ion:101 Resp: 241118

Ion Ratio Lower Upper

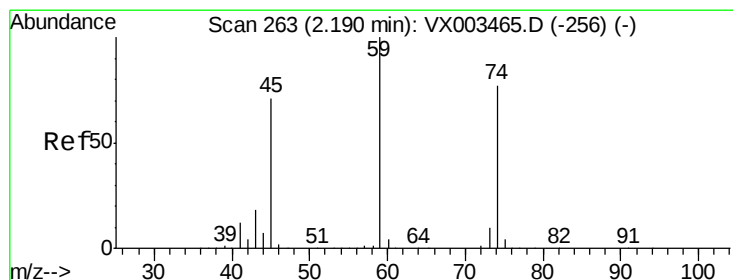
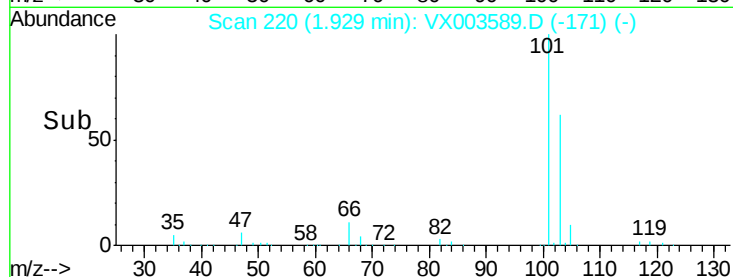
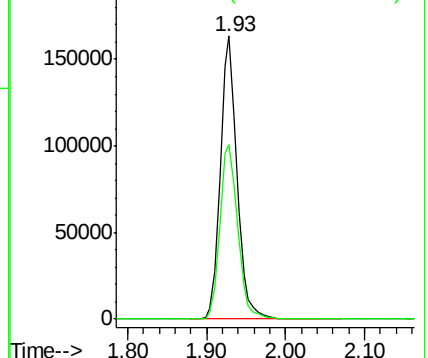
101 100

103 61.8 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 46.34 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003589.D

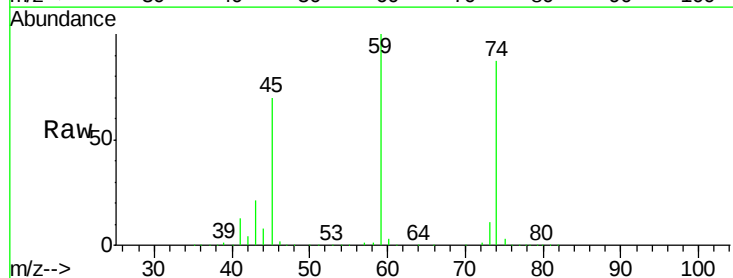
Acq: 22 Jul 2018 07:40

Tgt Ion: 74 Resp: 105010

Ion Ratio Lower Upper

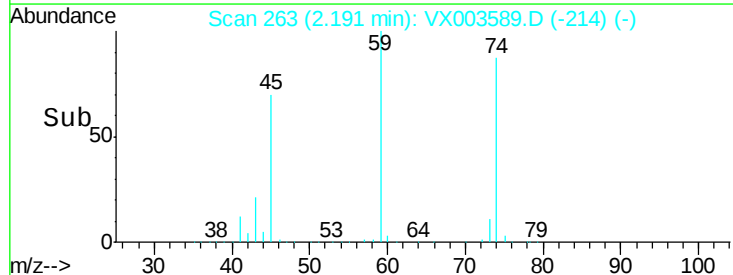
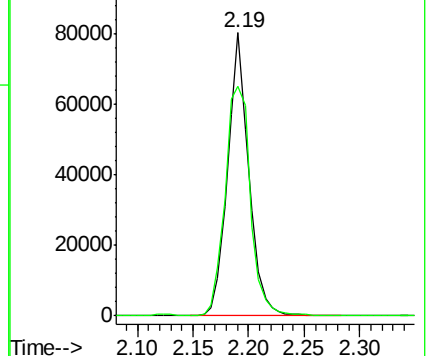
74 100

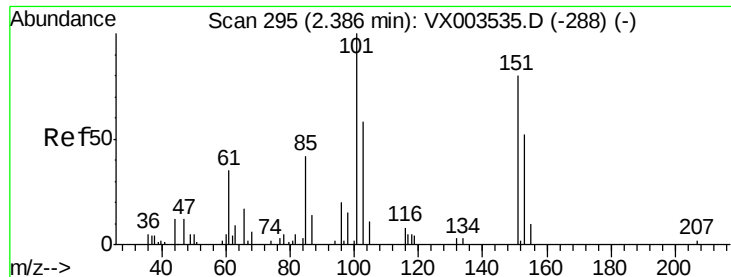
45 97.4 53.1 159.4



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: 43.49 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003589.D

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ClientSampleId :

VSTDCCC050EC

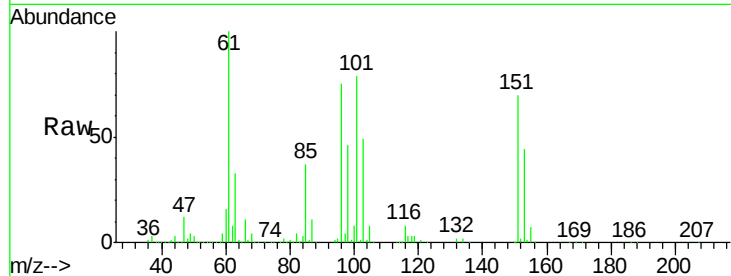
Tot Ion:101 Resp: 150205

Ion Ratio Lower Upper

101 100

85 43.8 36.0 54.0

151 93.0 70.9 106.3

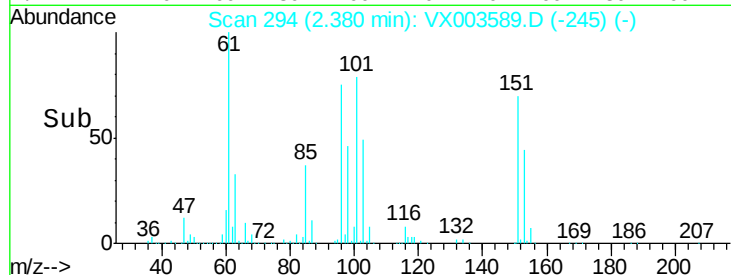


Abundance Ion 100.90 (100.60 to 101.60): V

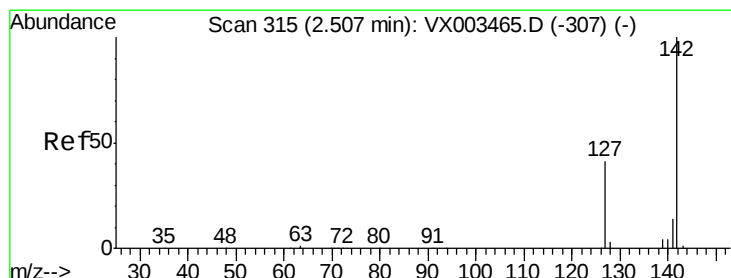
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

Time-->



Time-->



#10

Methyl Iodide

Concen: 52.48 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

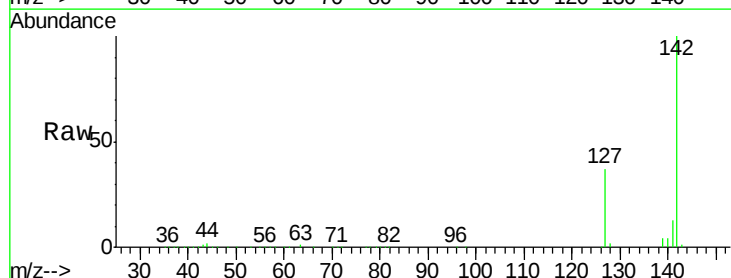
Tgt Ion:142 Resp: 217714

Ion Ratio Lower Upper

142 100

127 39.3 36.6 55.0

141 14.2 11.3 16.9

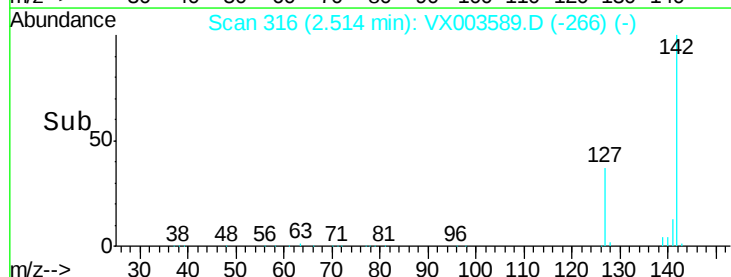


Abundance Ion 141.80 (141.50 to 142.50): V

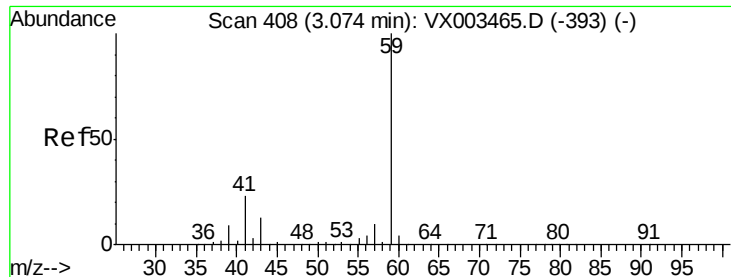
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->



Time-->

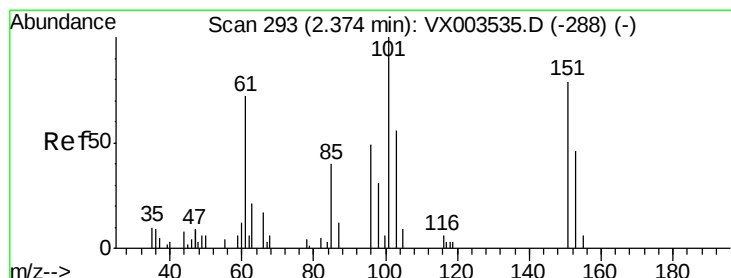
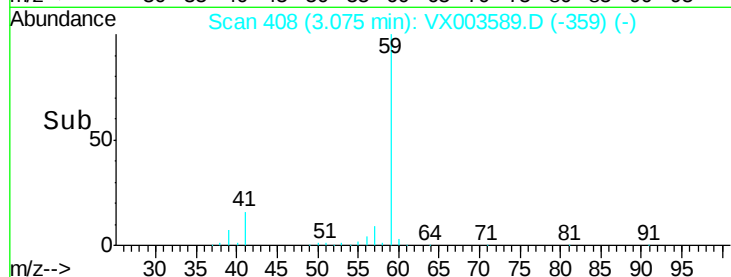
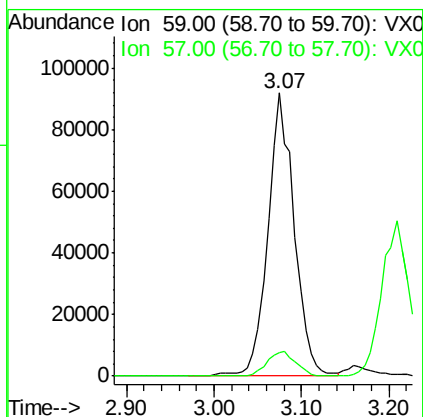
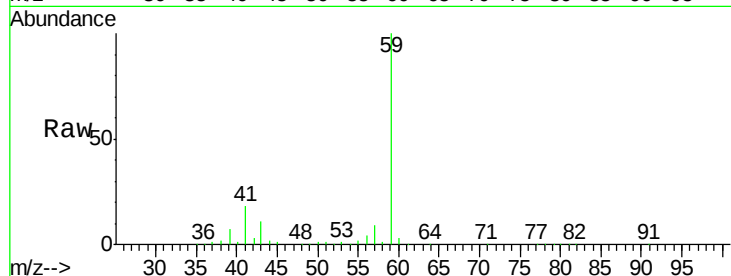


#11

Tert butyl alcohol
 Concen: 266.62 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

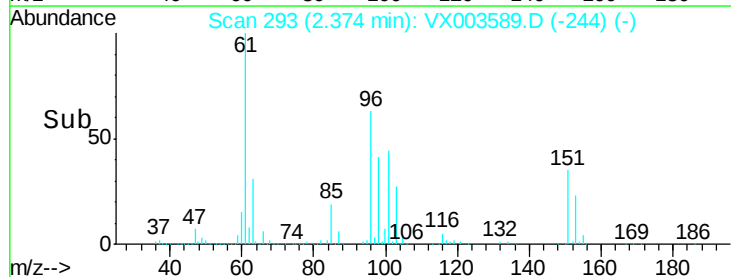
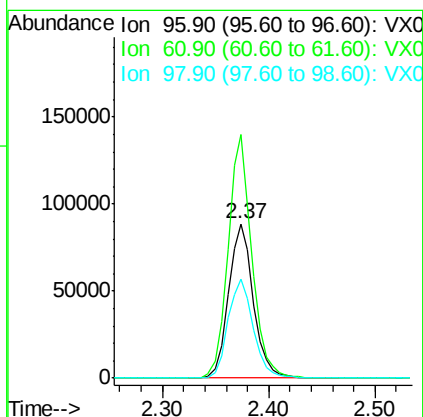
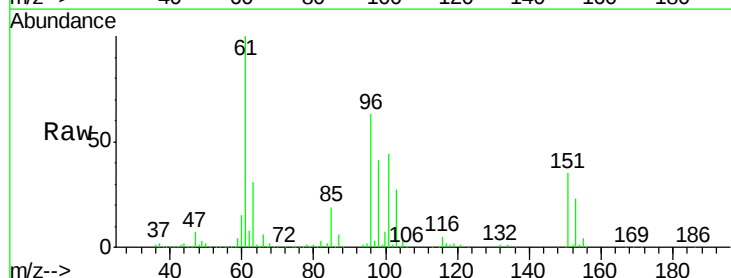
Tot Ion: 59 Resp: 194428
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.2

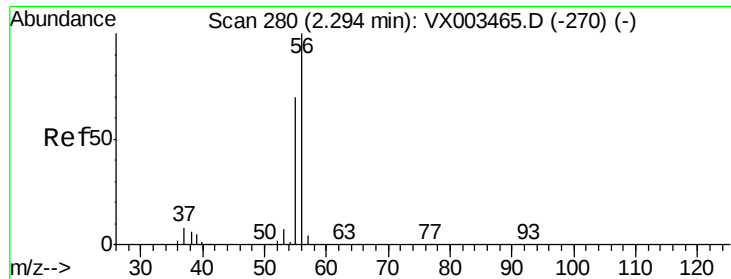


#12

1,1-Dichloroethene
 Concen: 45.43 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 96 Resp: 144447
 Ion Ratio Lower Upper
 96 100
 61 157.9 137.9 206.9
 98 64.1 51.6 77.4





#13

Acrolein

Concen: 188.89 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

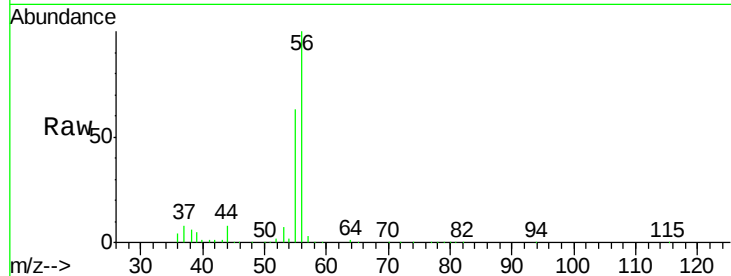
VSTDCCC050EC

Tot Ion: 56 Resp: 62238

Ion Ratio Lower Upper

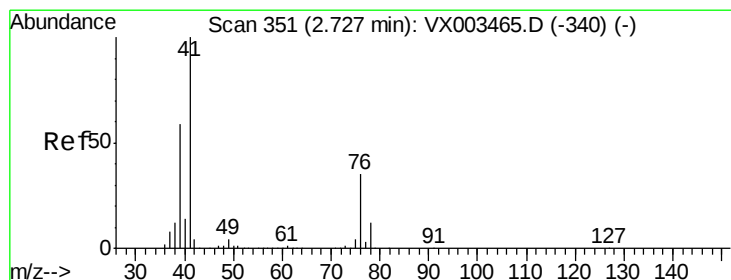
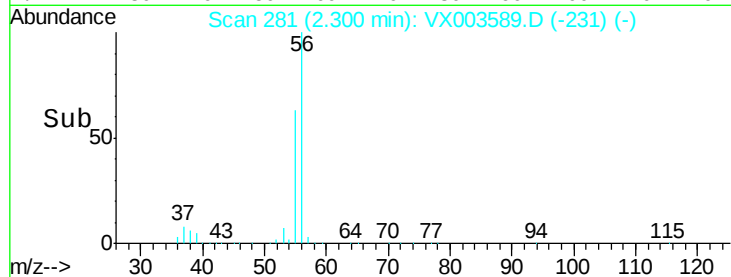
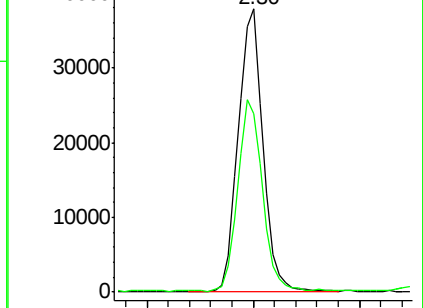
56 100

55 67.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.43 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

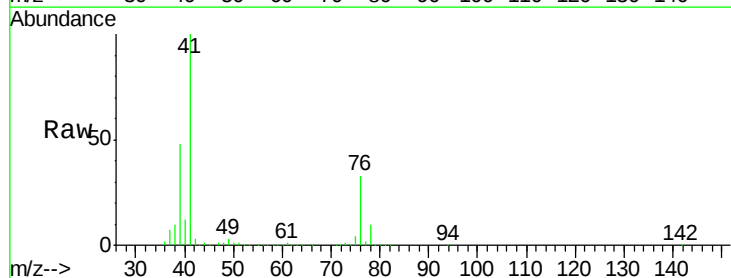
Tgt Ion: 41 Resp: 261341

Ion Ratio Lower Upper

41 100

39 54.5 56.8 85.2#

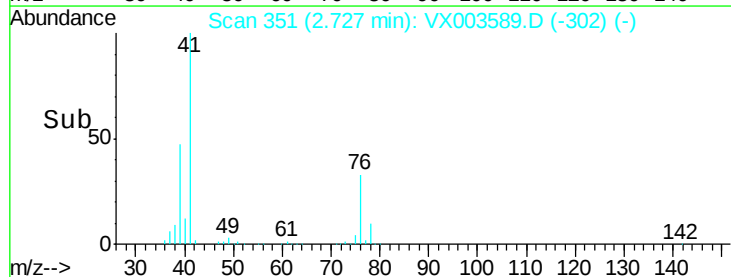
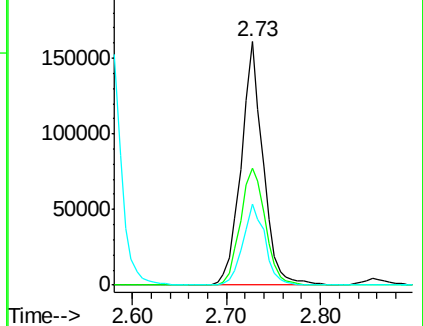
76 33.5 23.8 35.8

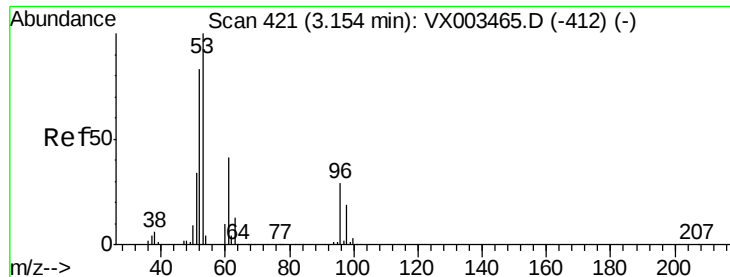


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 240.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

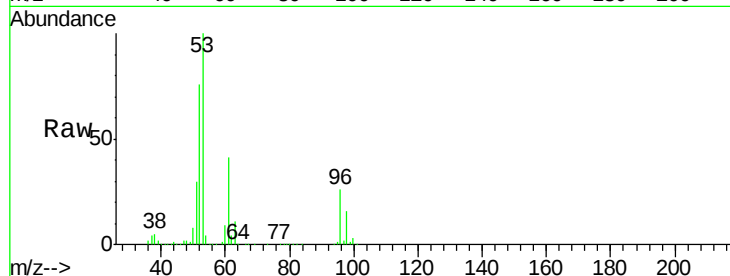
Tot Ion: 53 Resp: 445907

Ion Ratio Lower Upper

53 100

52 80.0 66.7 100.1

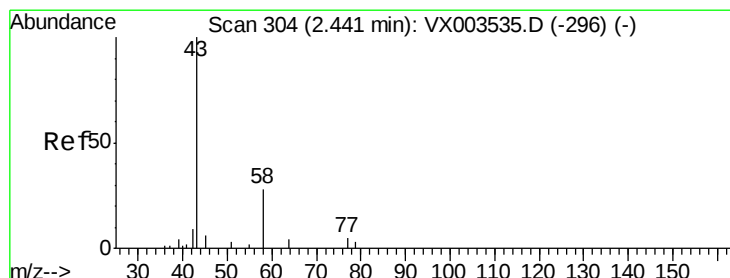
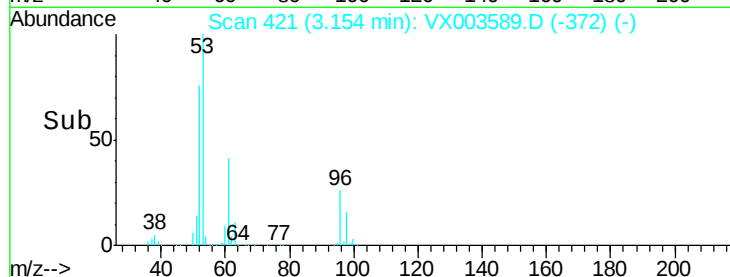
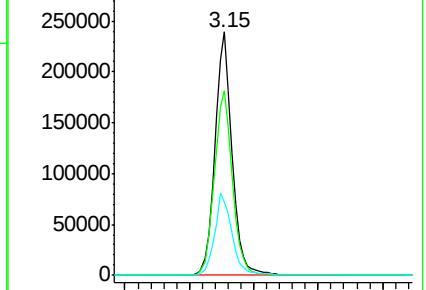
51 34.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 263.69 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003589.D

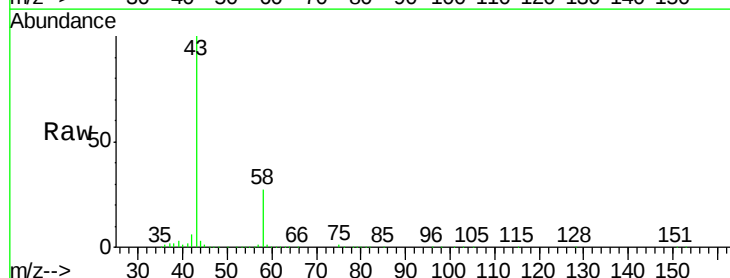
Acq: 22 Jul 2018 07:40

Tgt Ion: 43 Resp: 367060

Ion Ratio Lower Upper

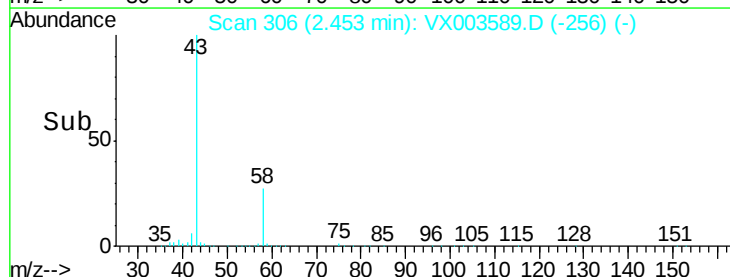
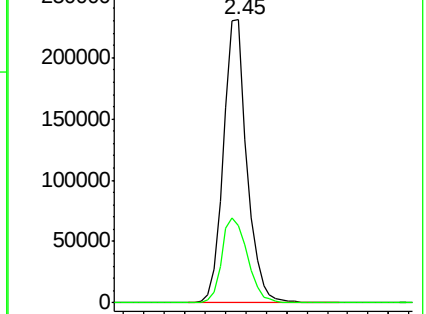
43 100

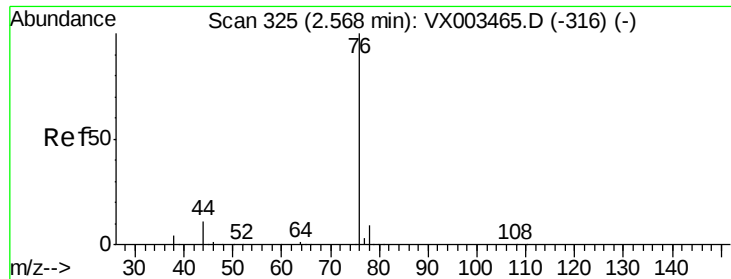
58 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

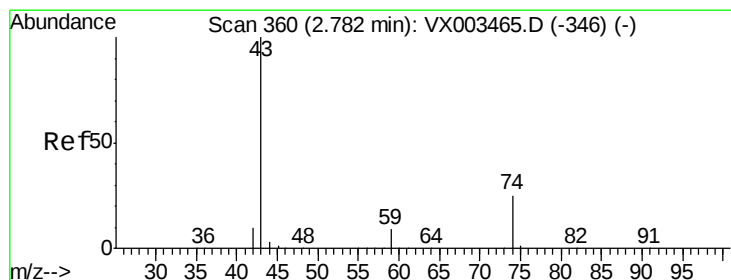
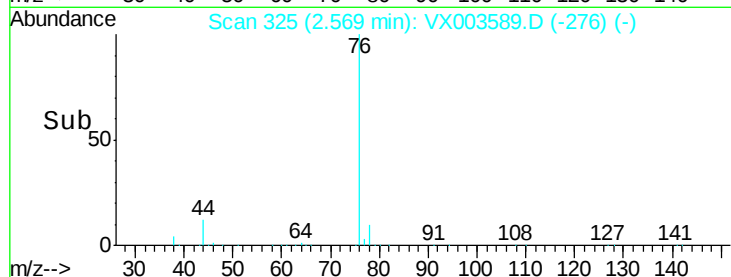
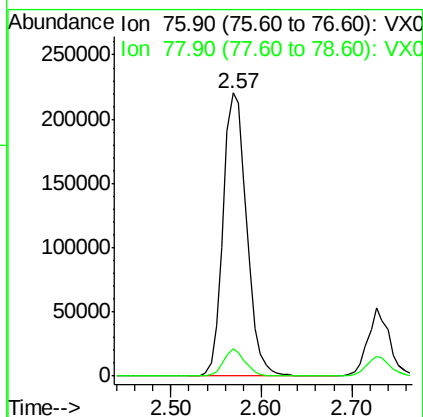
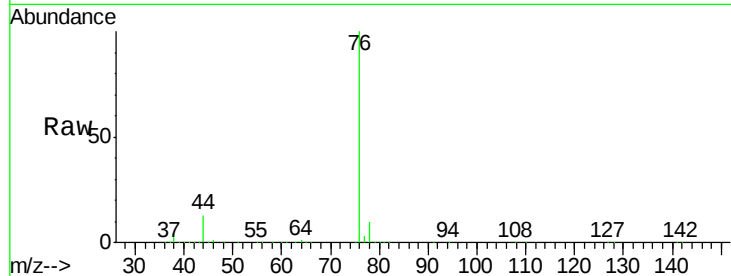




#17
Carbon Disulfide
Concen: 46.38 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

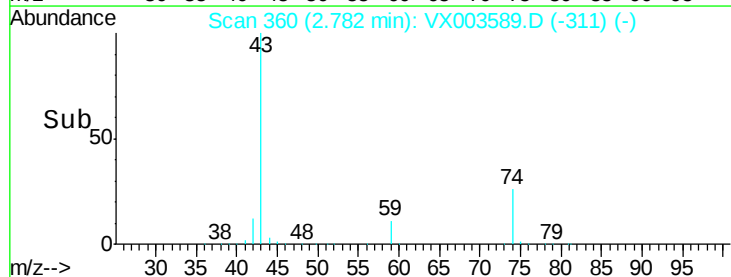
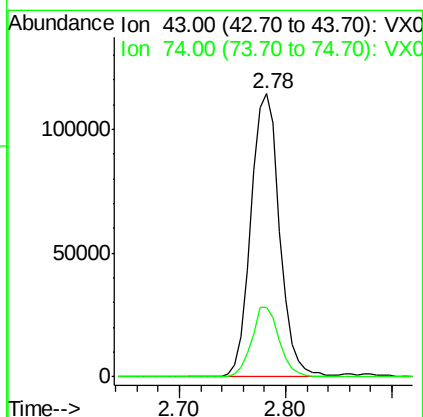
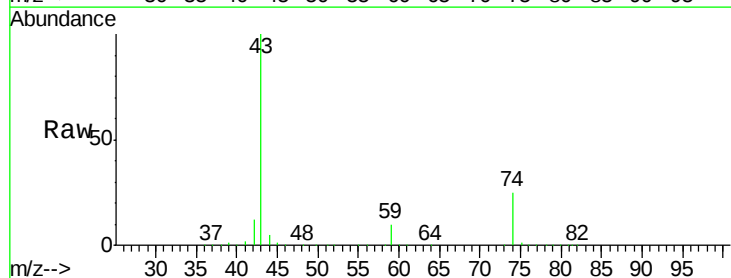
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

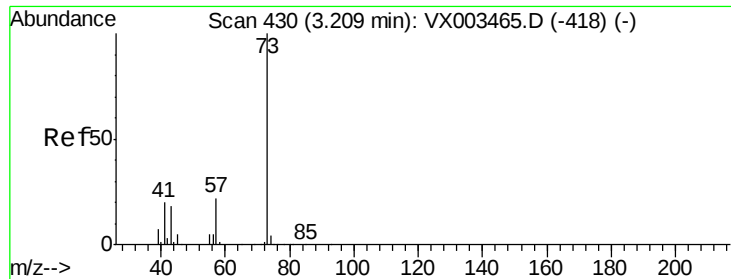
Tot Ion: 76 Resp: 398860
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3



#18
Methyl Acetate
Concen: 49.25 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 43 Resp: 216126
Ion Ratio Lower Upper
43 100
74 24.2 16.7 25.1

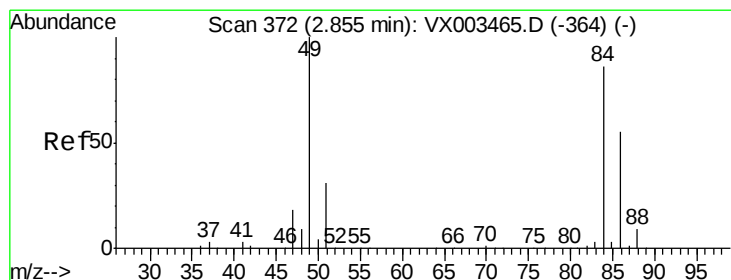
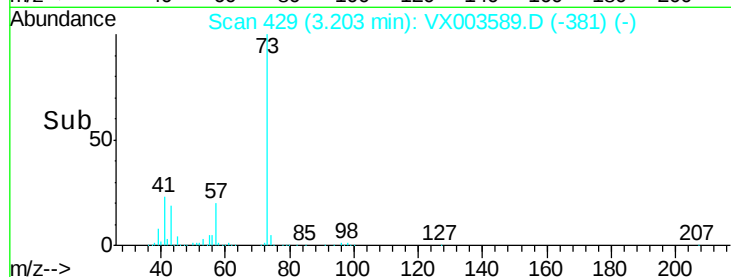
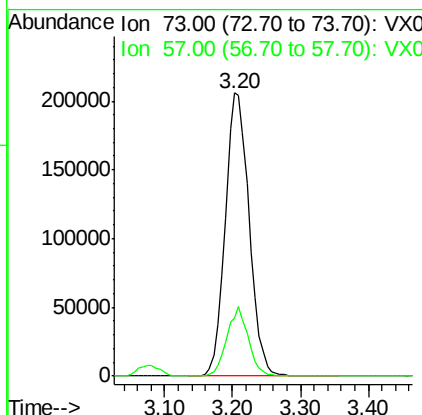
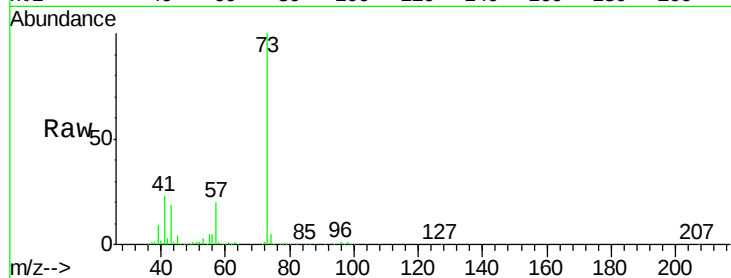




#19
Methvl tert-butvl Ether
Concen: 48.07 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

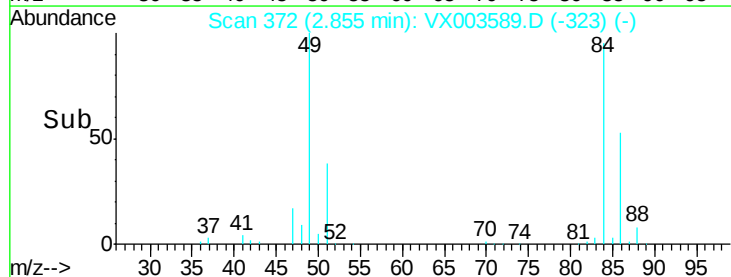
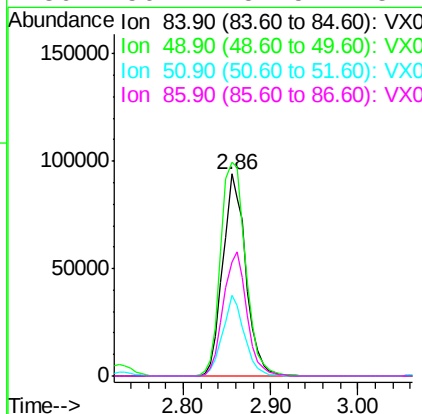
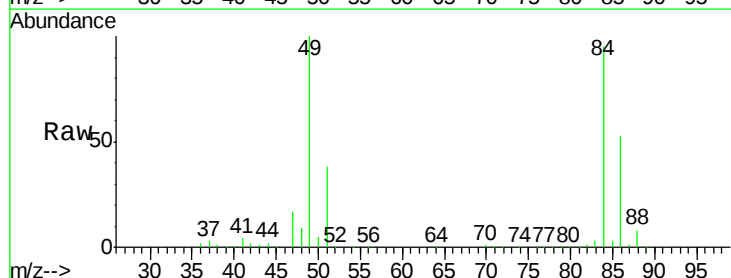
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

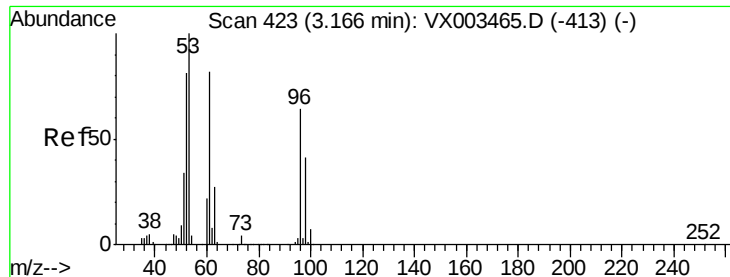
Tot Ion: 73 Resp: 499107
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 50.50 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 84 Resp: 171845
Ion Ratio Lower Upper
84 100
49 105.6 107.8 161.6#
51 39.9 32.8 49.2
86 56.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.19 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

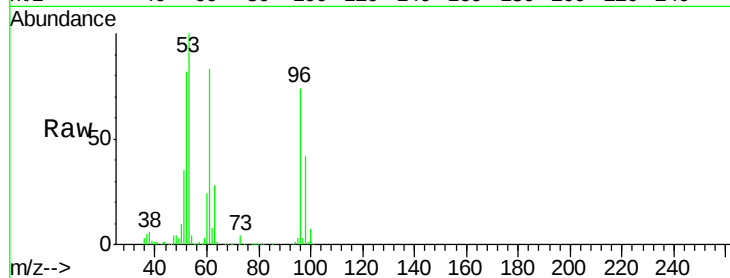
Tot Ion: 96 Resp: 163427

Ion Ratio Lower Upper

96 100

61 112.8 117.0 175.4#

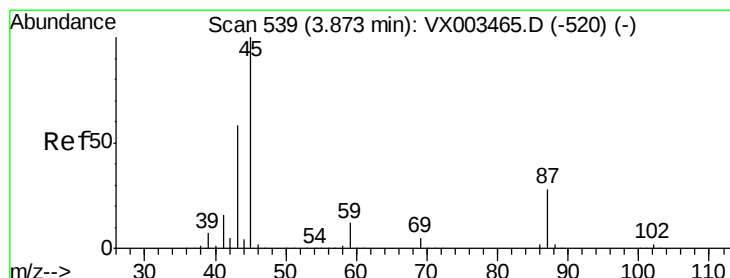
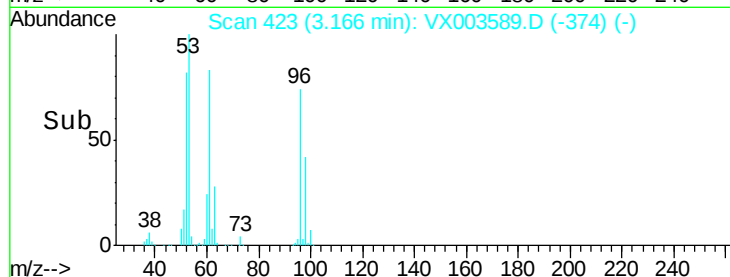
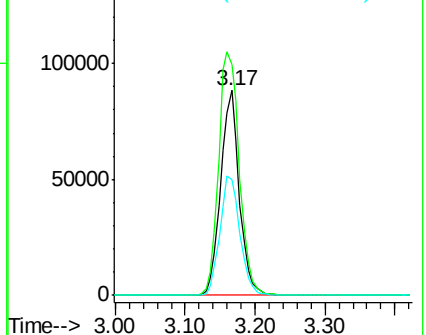
98 56.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.05 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Tgt Ion: 45 Resp: 561954

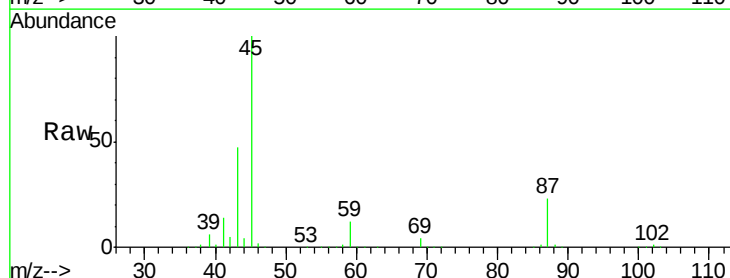
Ion Ratio Lower Upper

45 100

43 46.7 46.8 70.2#

87 23.1 20.2 30.4

59 11.5 8.7 13.1

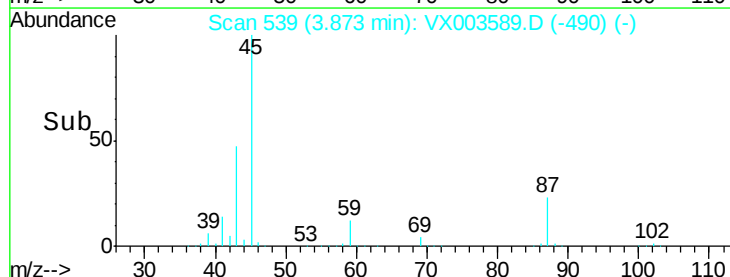
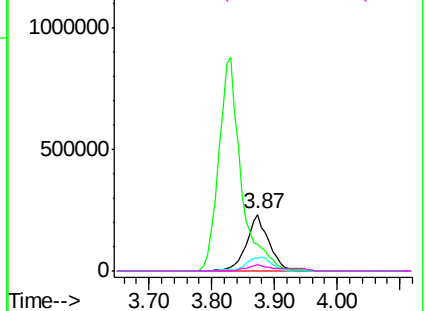


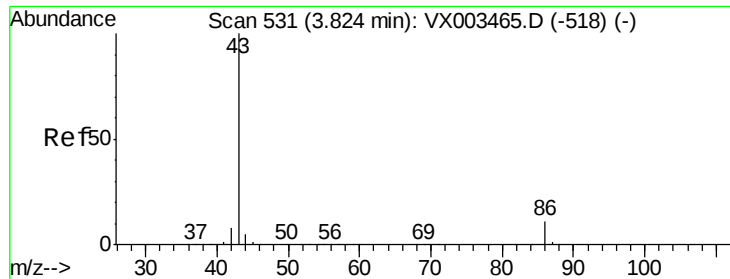
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 247.50 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

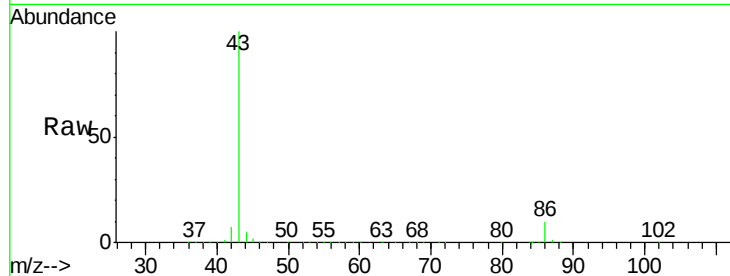
VSTDCCC050EC

Tot Ion: 43 Resp: 2159375

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

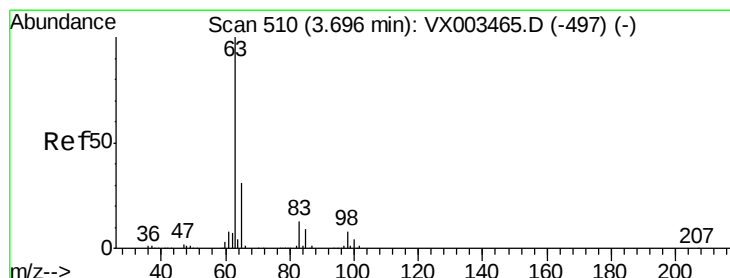
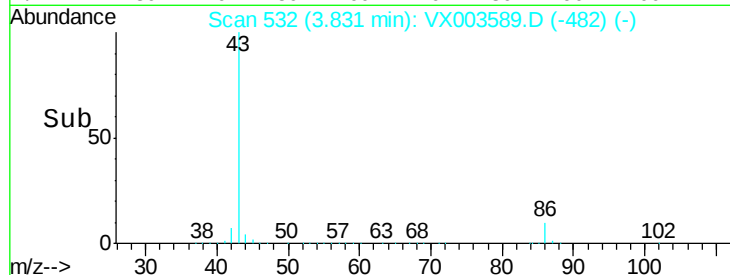
400000

200000

0

3.80 3.83 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.32 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

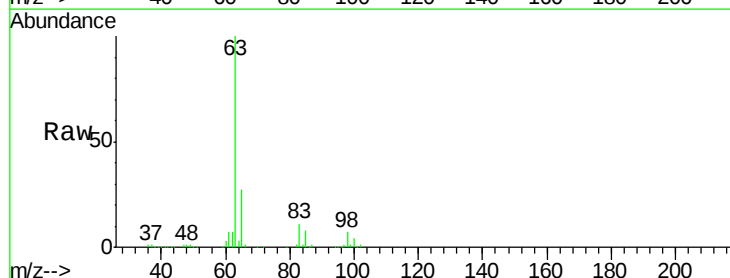
Tgt Ion: 63 Resp: 325157

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

150000

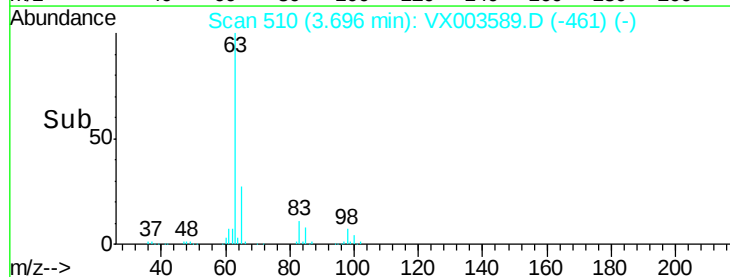
100000

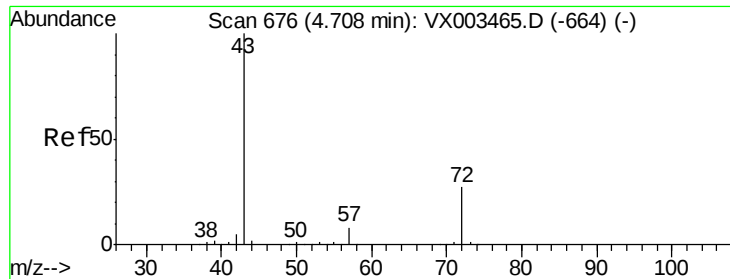
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 253.52 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

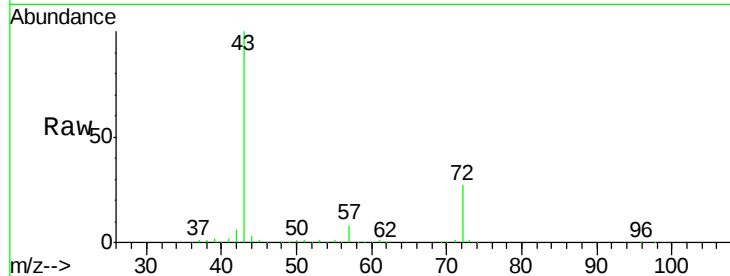
VSTDCCC050EC

Tot Ion: 43 Resp: 592101

Ion Ratio Lower Upper

43 100

72 27.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

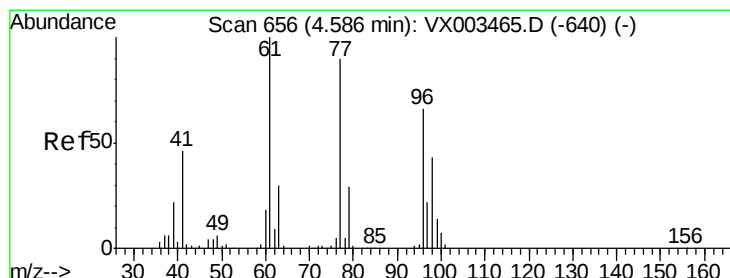
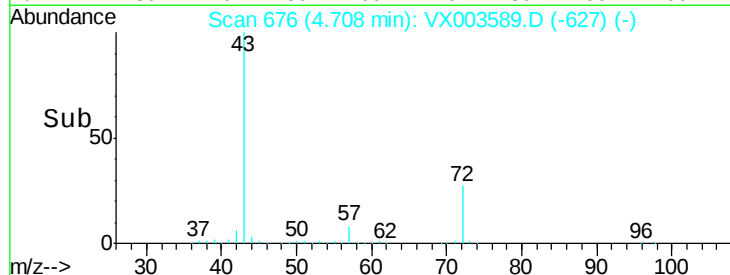
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 29.09 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003589.D

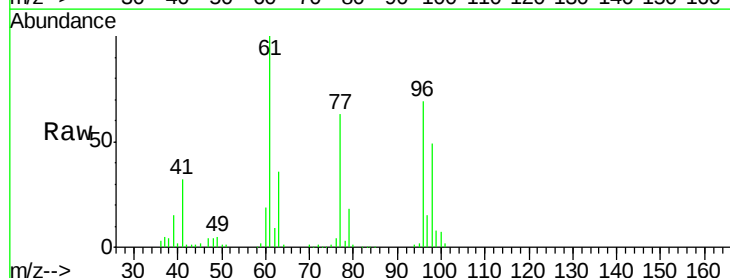
Acq: 22 Jul 2018 07:40

Tgt Ion: 77 Resp: 137326

Ion Ratio Lower Upper

77 100

97 26.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

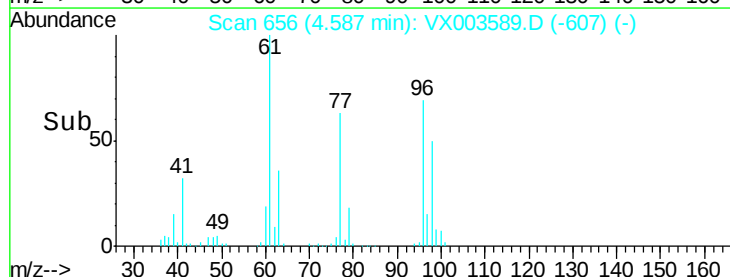
20000

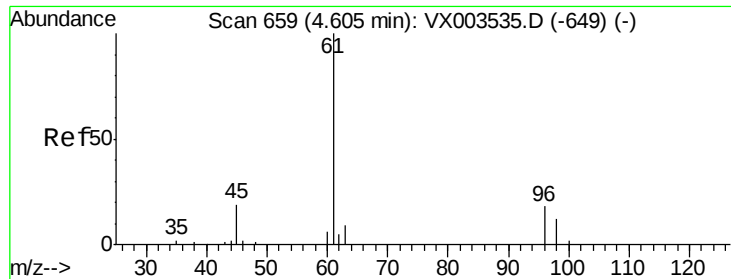
10000

0

4.40 4.50 4.60 4.70

Time-->



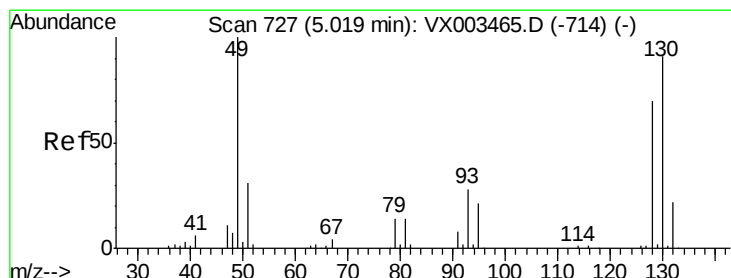
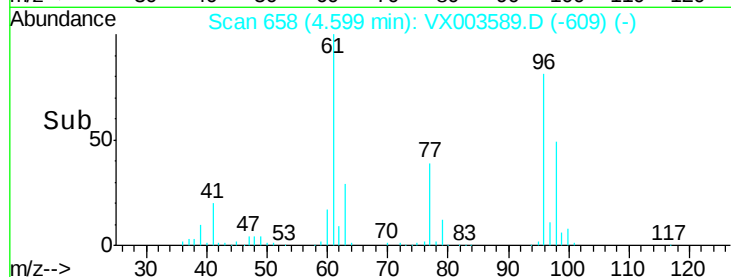
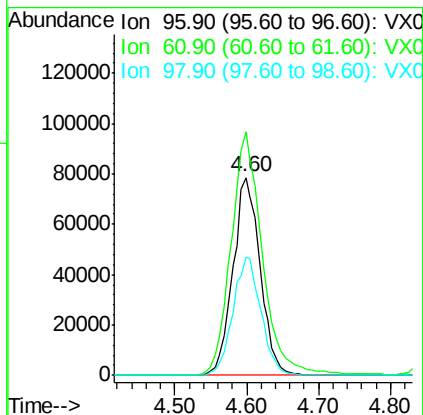
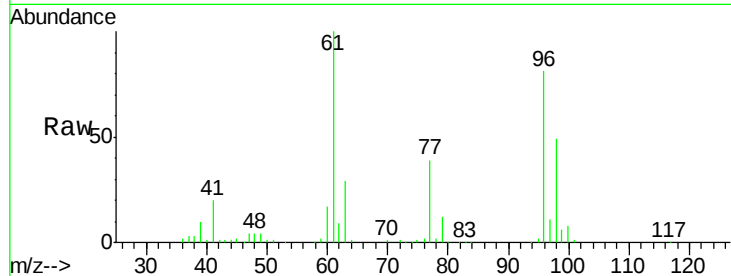


#27

cis-1,2-Dichloroethene
 Concen: 52.28 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

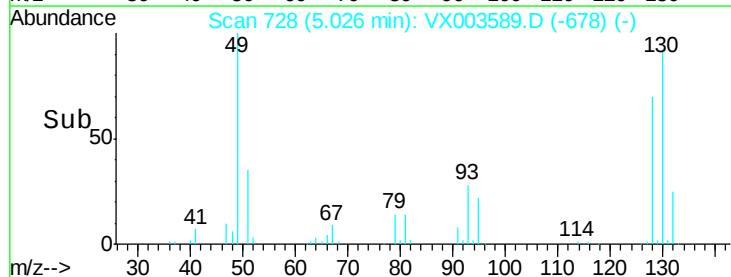
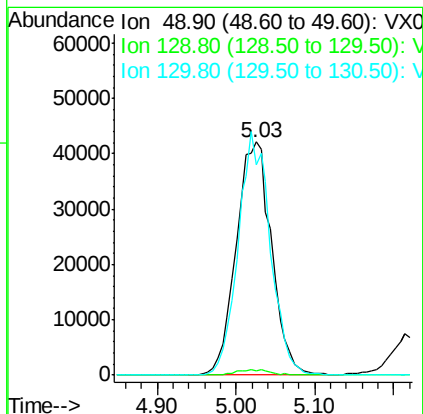
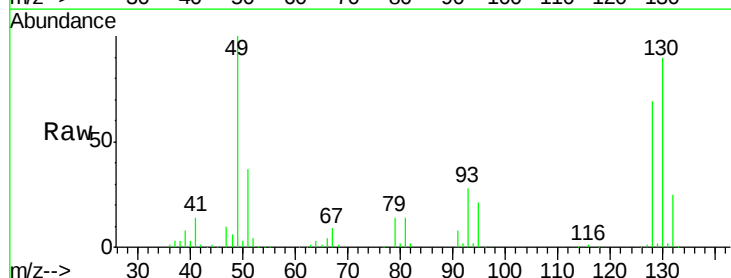
Tot Ion: 96 Resp: 205954
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 330.2
 98 61.6 0.0 130.2

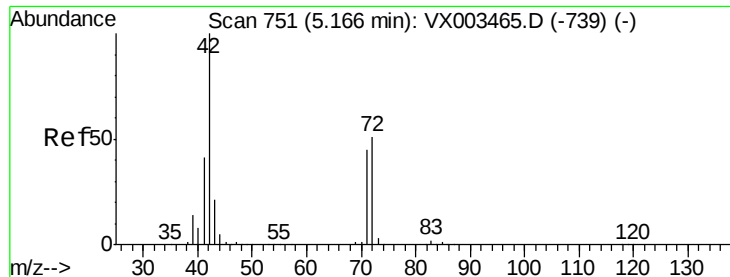


#28

Bromochloromethane
 Concen: 48.32 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 49 Resp: 131247
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 94.7 61.2 91.8#





#29

Tetrahydrofuran

Concen: 244.74 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

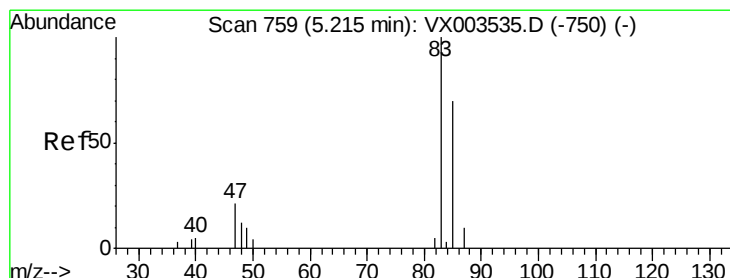
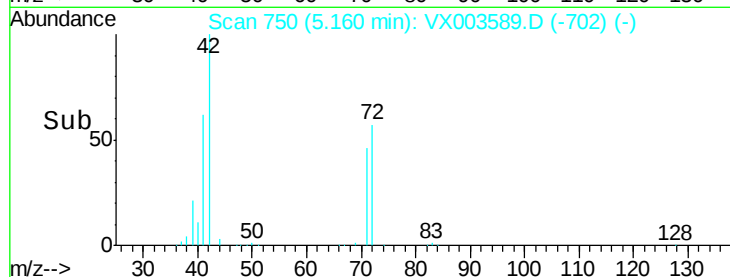
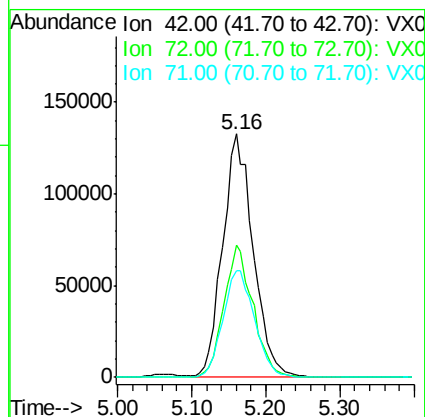
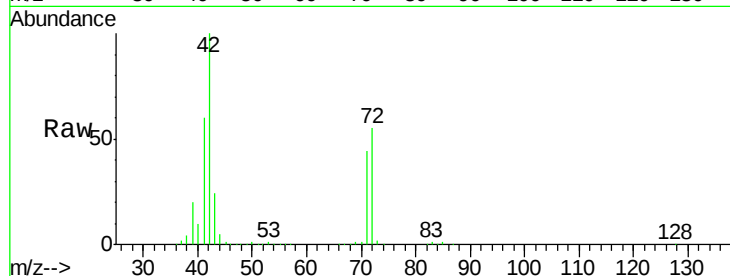
Tot Ion: 42 Resp: 377601

Ion Ratio Lower Upper

42 100

72 52.2 32.0 48.0#

71 45.6 30.1 45.1#



#30

Chloroform

Concen: 52.77 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003589.D

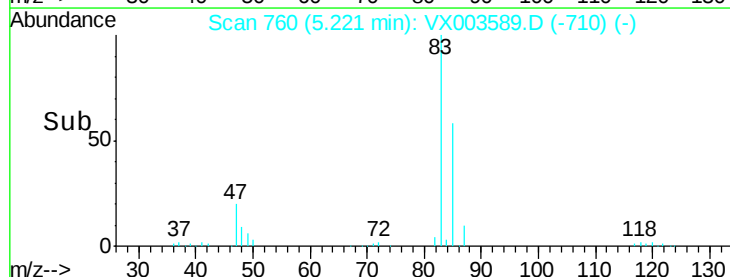
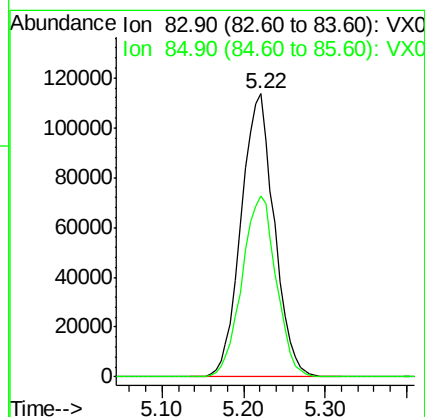
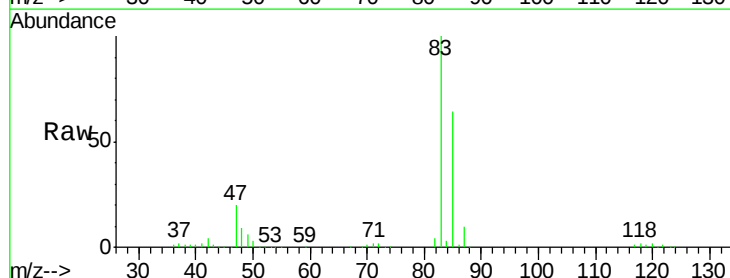
Acq: 22 Jul 2018 07:40

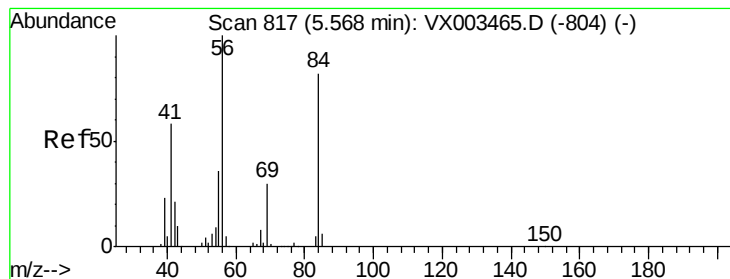
Tgt Ion: 83 Resp: 320220

Ion Ratio Lower Upper

83 100

85 64.0 50.4 75.6





#31

Cyclohexane

Concen: 45.69 ug/l

RT: 5.57 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

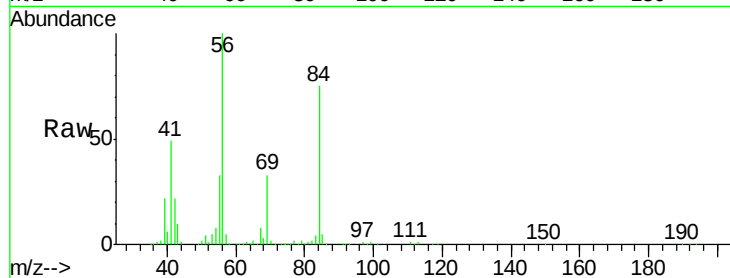
Tot Ion: 56 Resp: 253672

Ion Ratio Lower Upper

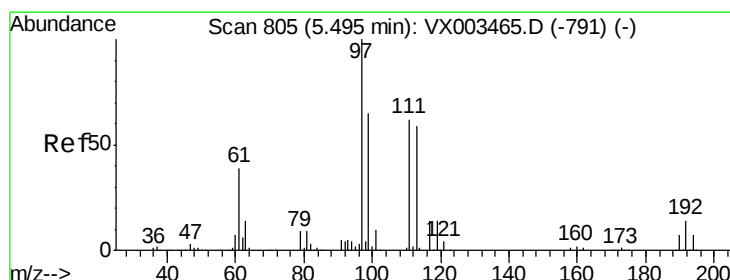
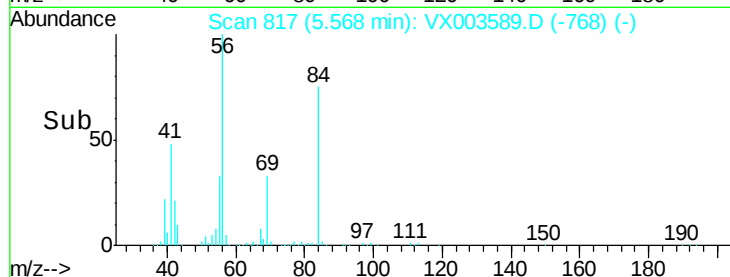
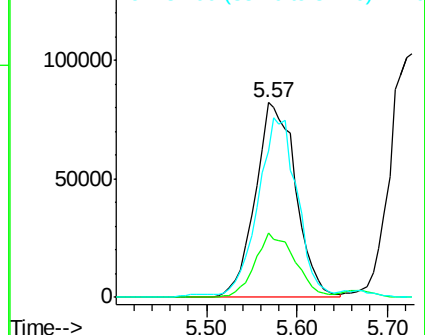
56 100

69 33.0 23.7 35.5

84 73.9 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 48.61 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

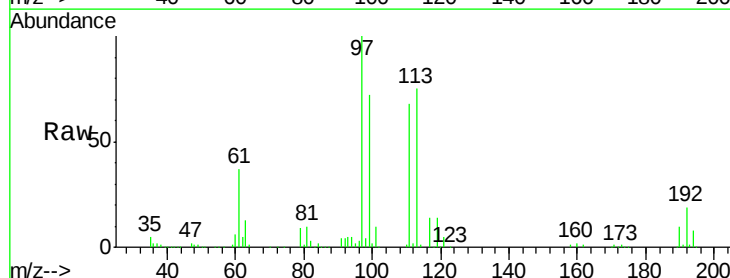
Tgt Ion: 97 Resp: 252612

Ion Ratio Lower Upper

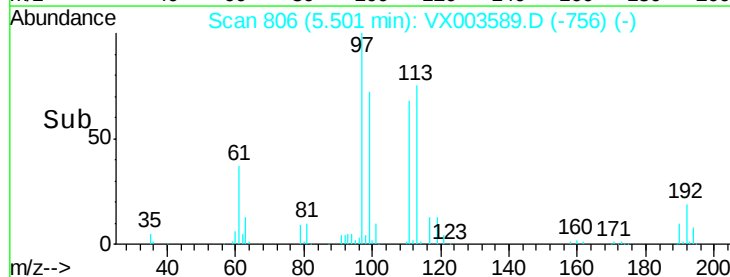
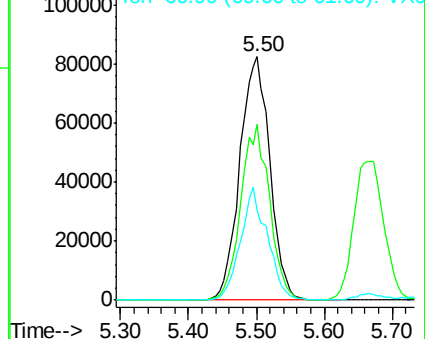
97 100

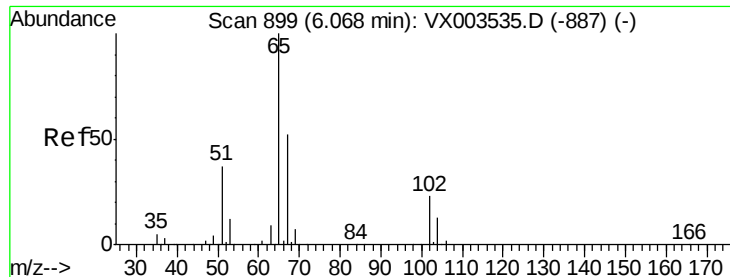
99 69.0 51.6 77.4

61 41.6 36.4 54.6



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

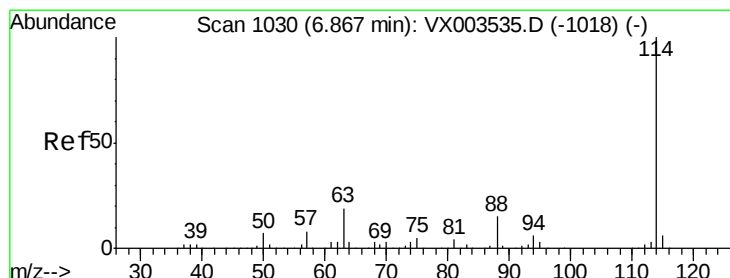
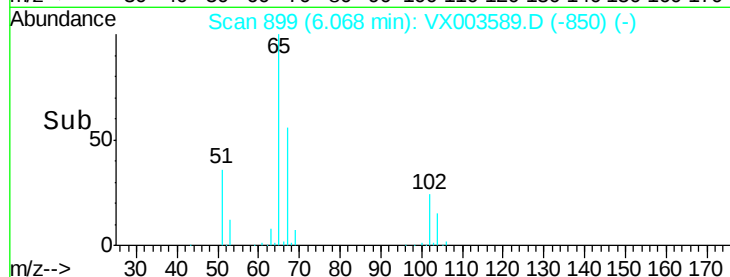
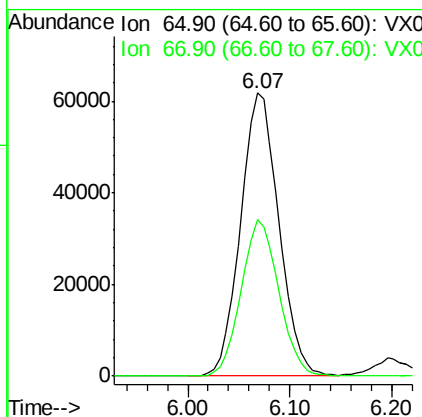
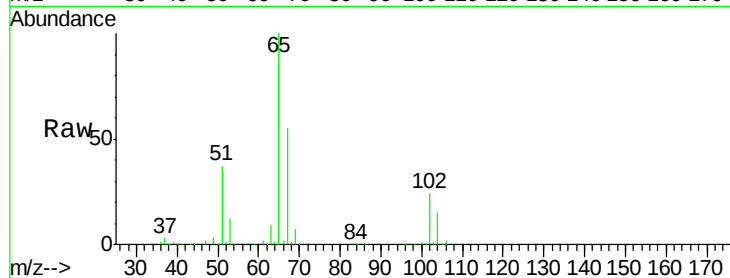




#33
 1,2-Dichloroethane-d4
 Concen: 43.66 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

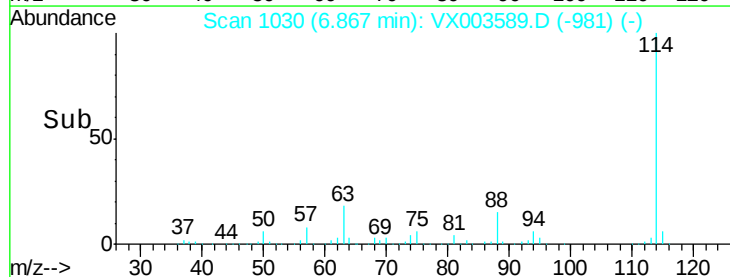
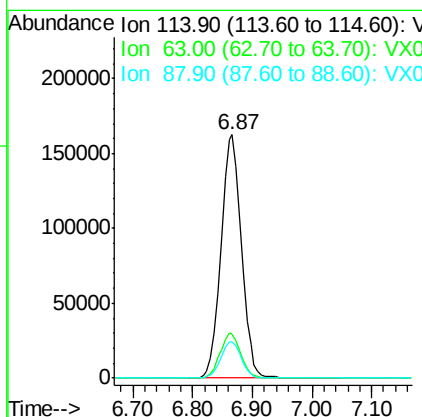
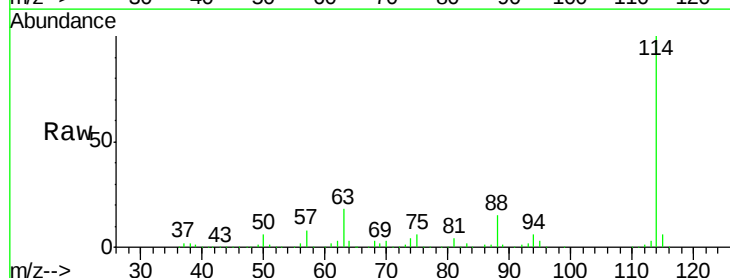
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

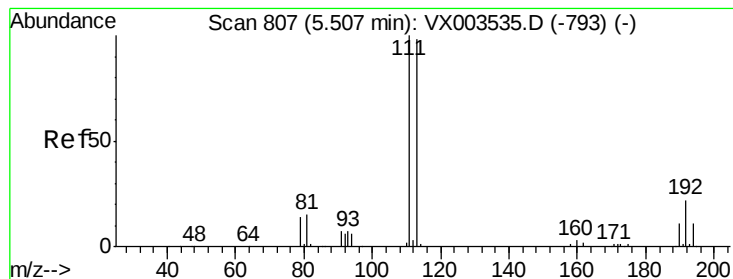
Tot Ion: 65 Resp: 160897
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 114 Resp: 387453
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 41.4
 88 14.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 57.38 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

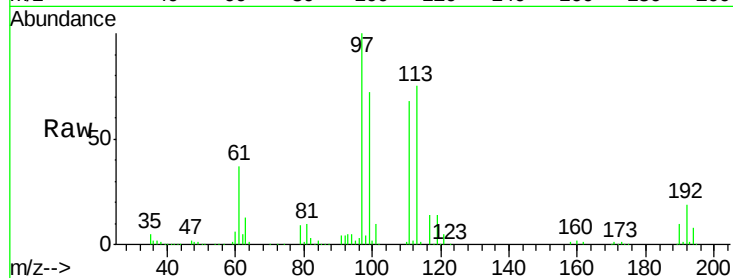
Tot Ion:113 Resp: 169343

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

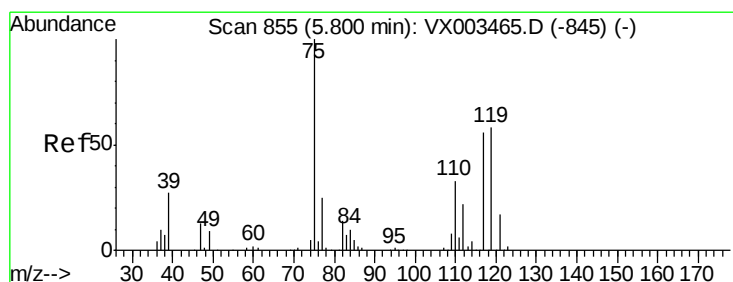
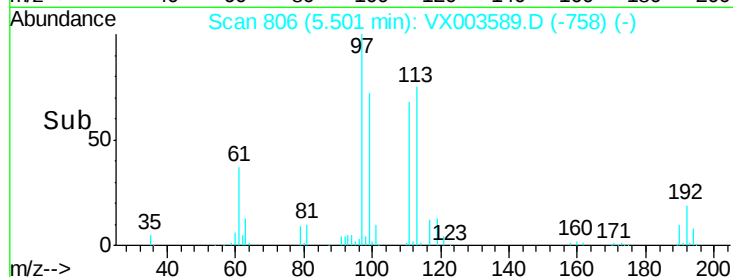
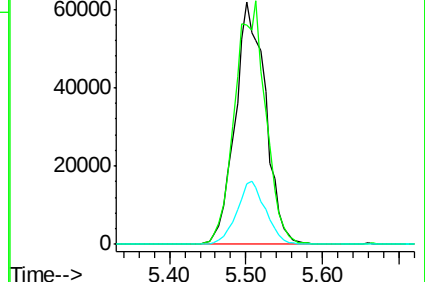
192 24.6 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.51 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

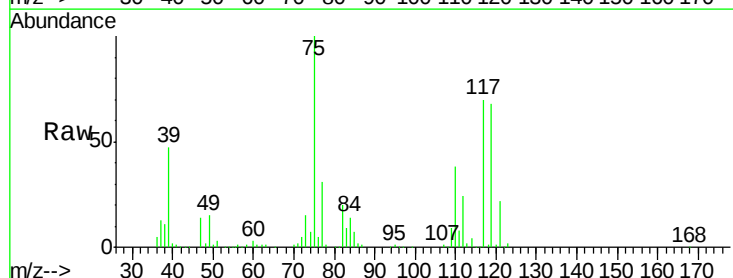
Tgt Ion: 75 Resp: 207118

Ion Ratio Lower Upper

75 100

110 39.1 18.1 54.4

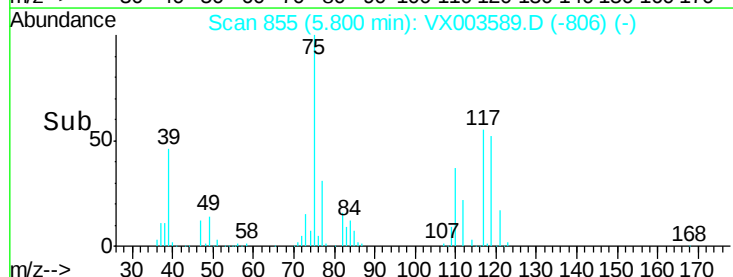
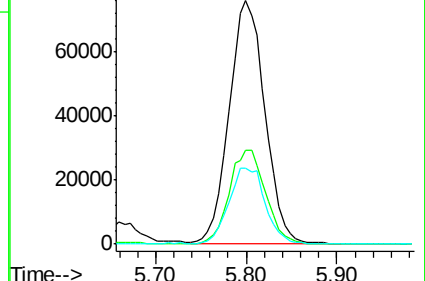
77 32.2 24.3 36.5

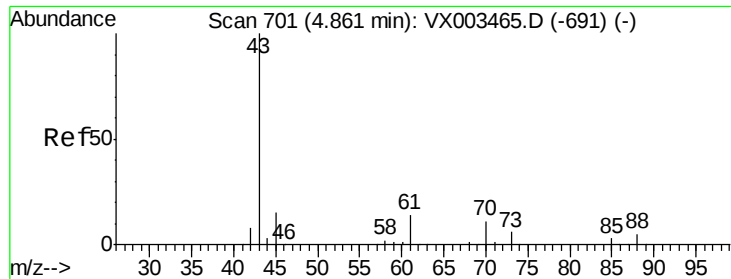


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

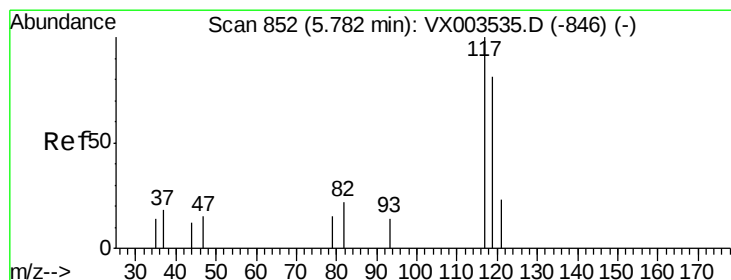
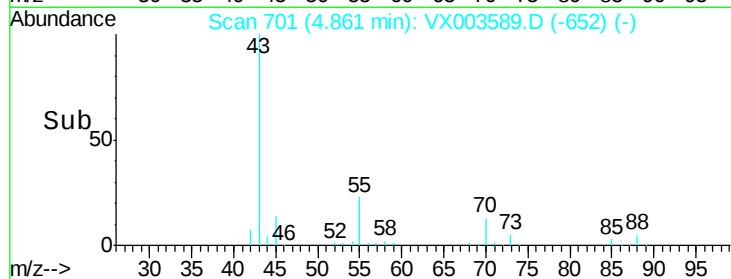
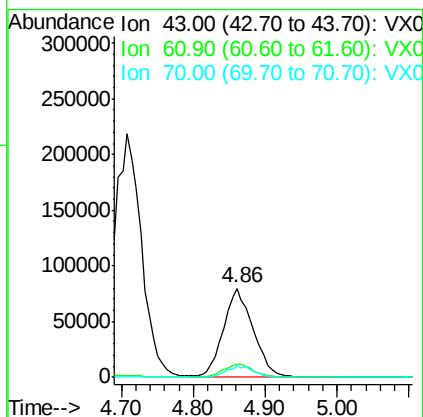
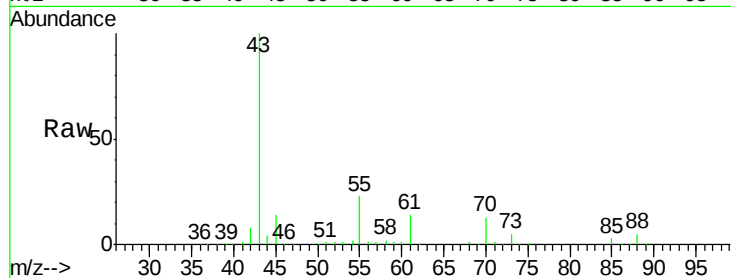




#37
Ethyl Acetate
Concen: 57.89 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

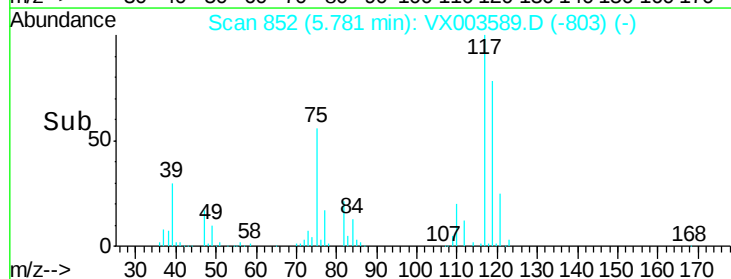
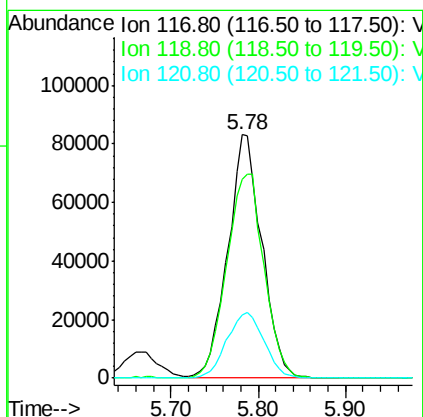
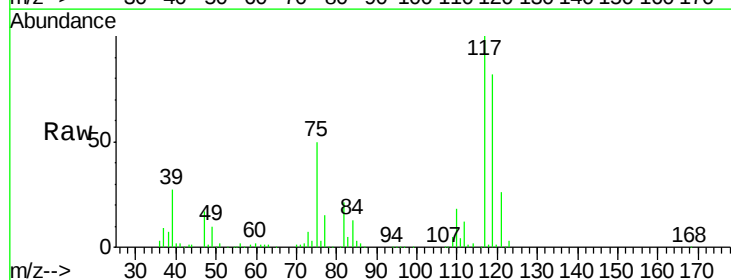
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

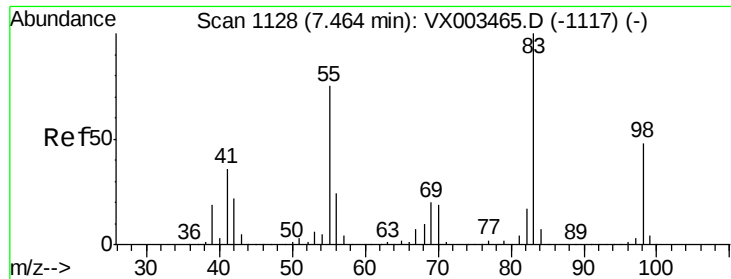
Tot Ion: 43 Resp: 229137
Ion Ratio Lower Upper
43 100
61 14.7 10.4 15.6
70 12.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 54.82 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 117 Resp: 224940
Ion Ratio Lower Upper
117 100
119 81.8 77.4 116.0
121 25.9 24.4 36.6

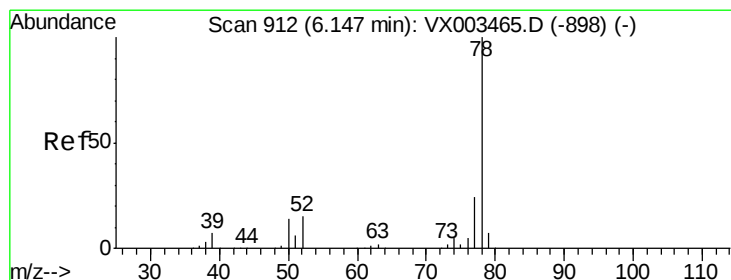
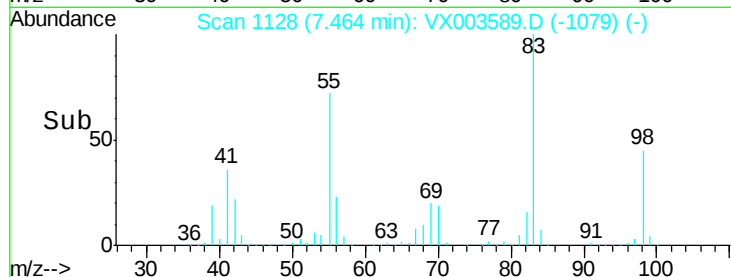
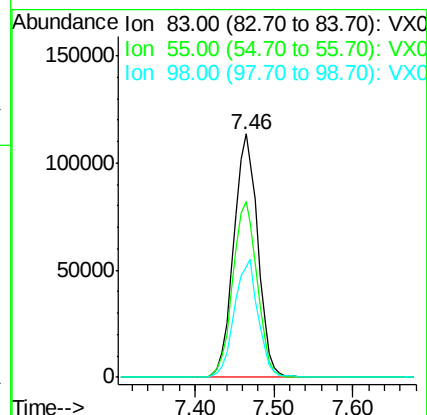
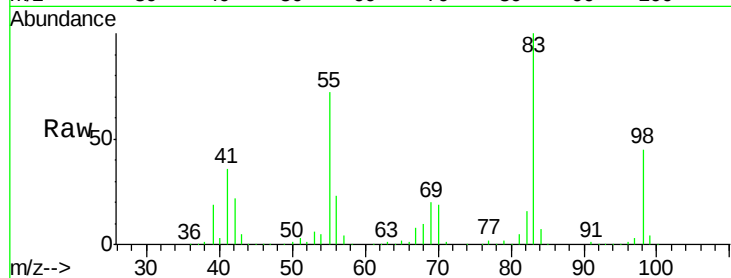




#39
Methvlcvclohexane
Concen: 48.71 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

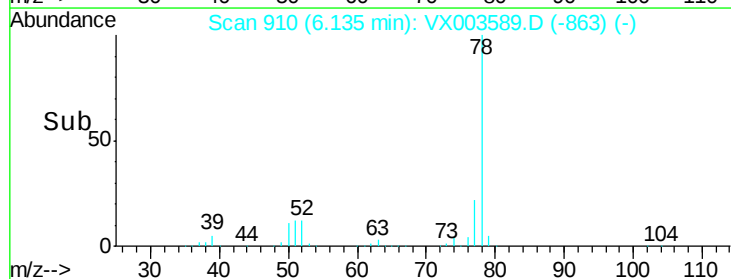
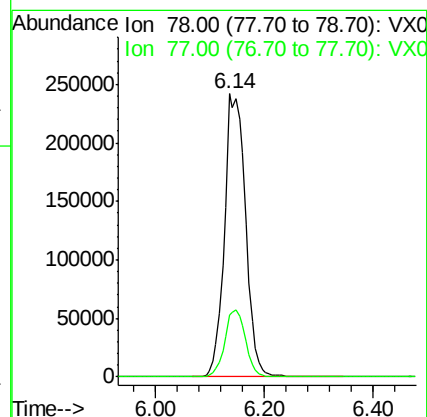
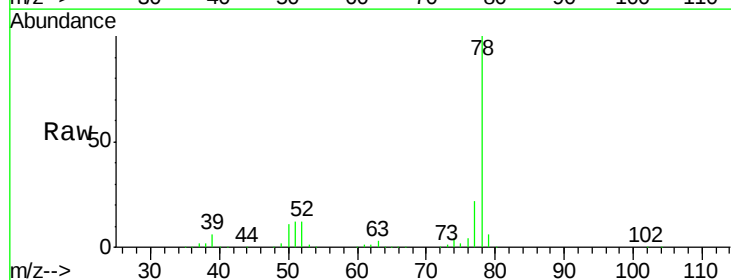
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

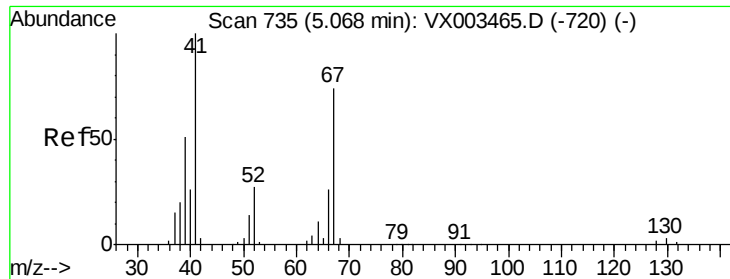
Tot Ion: 83 Resp: 241329
Ion Ratio Lower Upper
83 100
55 72.3 65.4 98.0
98 45.5 37.4 56.0



#40
Benzene
Concen: 51.76 ug/l
RT: 6.14 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 78 Resp: 653701
Ion Ratio Lower Upper
78 100
77 21.9 19.1 28.7

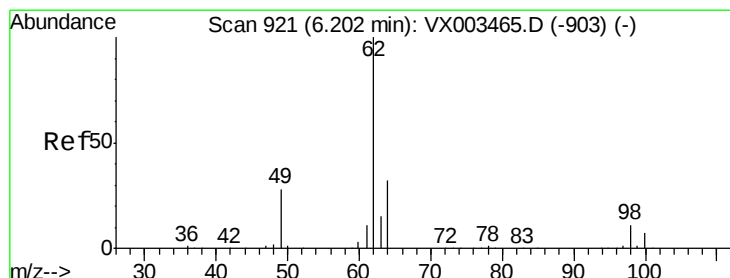
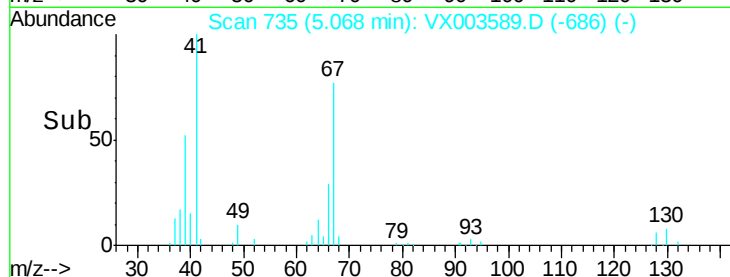
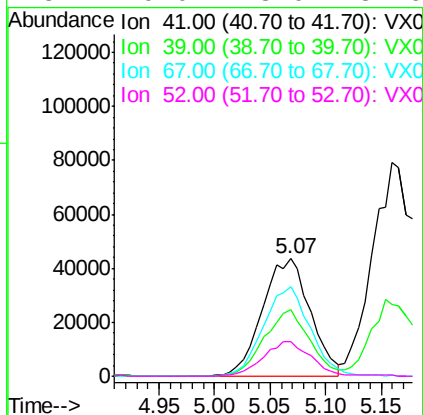
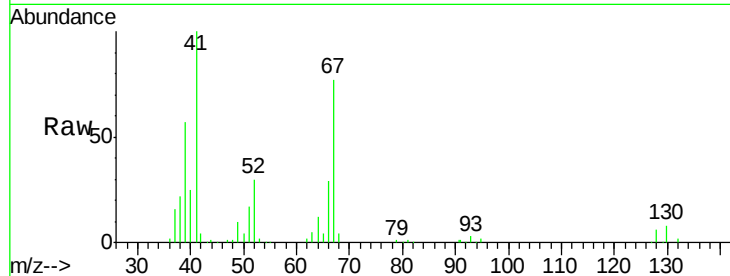




#41
Methacrylonitrile
Concen: 55.88 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

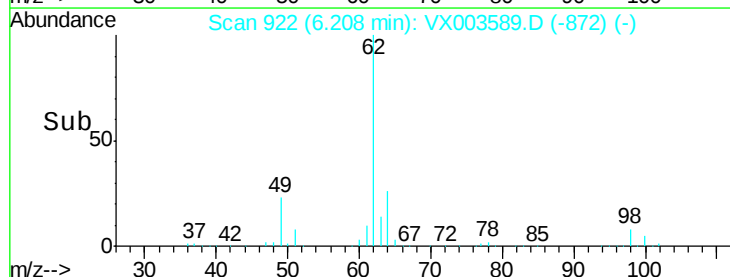
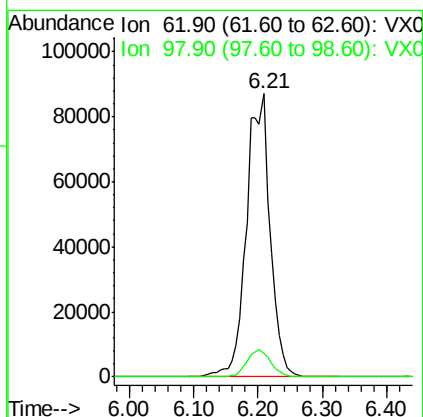
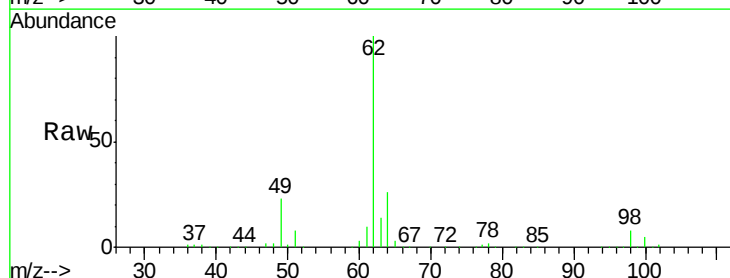
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

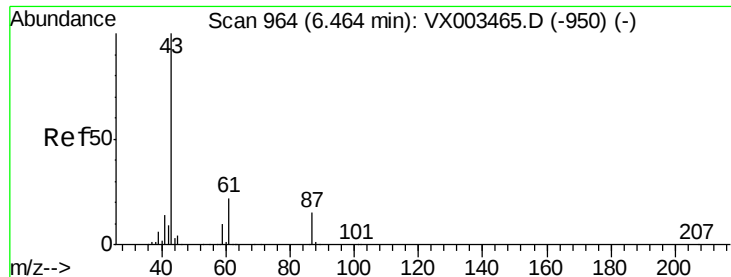
Tot Ion:	41	Resp:	130011
Ion	Ratio	Lower	Upper
41	100		
39	53.7	45.8	68.6
67	75.2	51.3	76.9
52	29.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 54.62 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion:	62	Resp:	217340
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	16.6



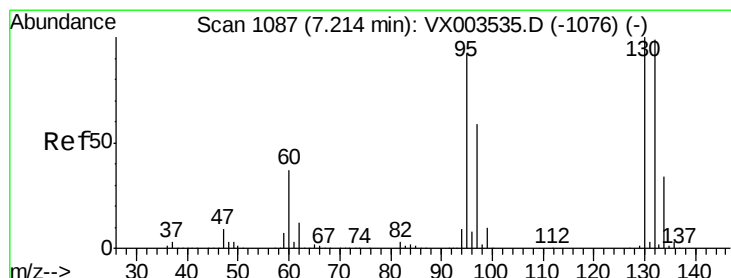
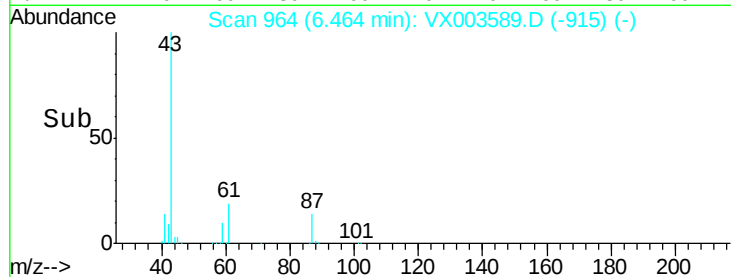
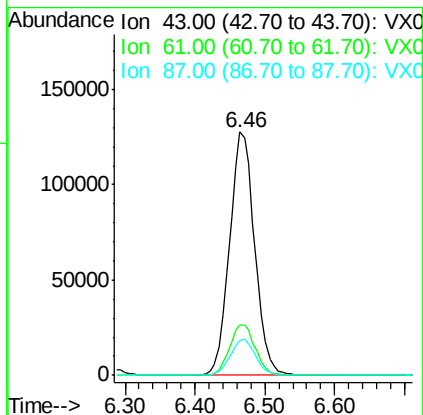
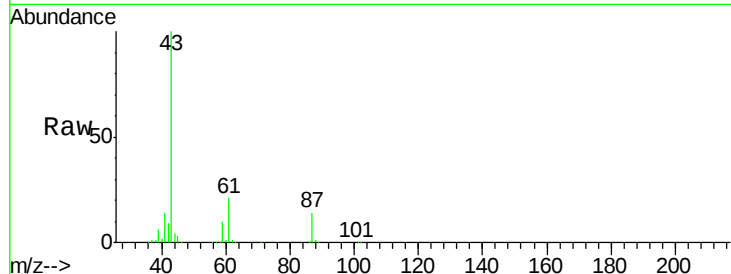


#43

Isopropyl Acetate
 Concen: 50.27 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

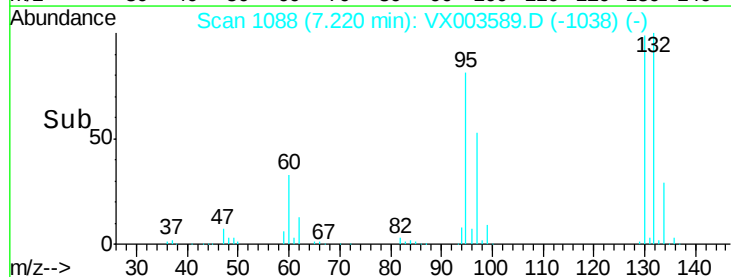
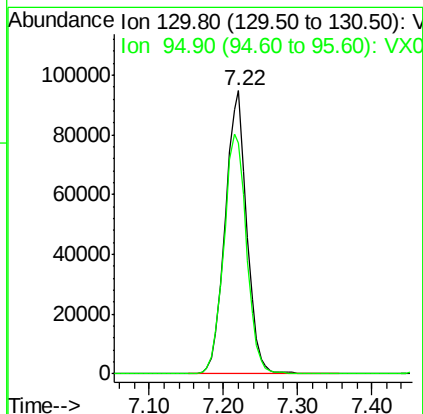
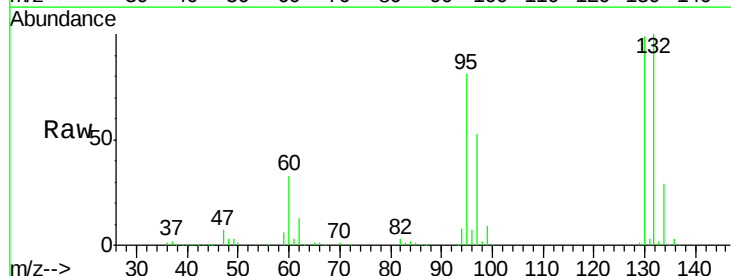
Tot Ion: 43 Resp: 316521
 Ion Ratio Lower Upper
 43 100
 61 21.5 14.4 21.6
 87 14.8 9.5 14.3#



#44

Trichloroethene
 Concen: 51.05 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 130 Resp: 192269
 Ion Ratio Lower Upper
 130 100
 95 81.7 0.0 185.4

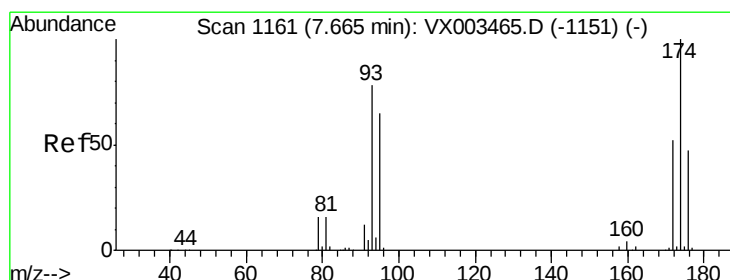
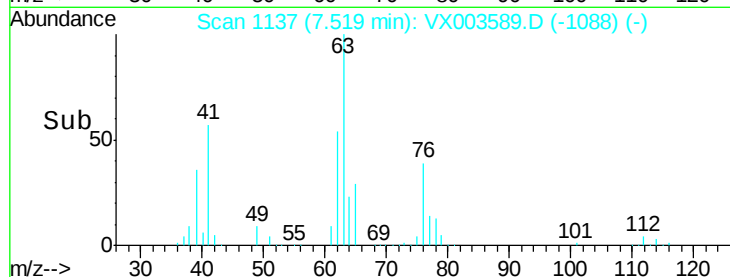
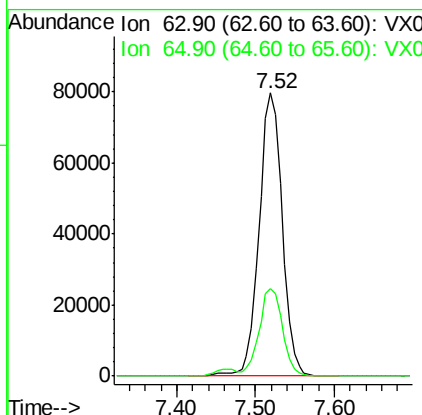
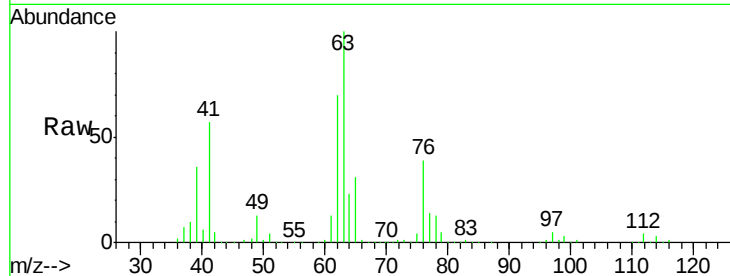




#45
 1,2-Dichloropropane
 Concen: 50.88 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

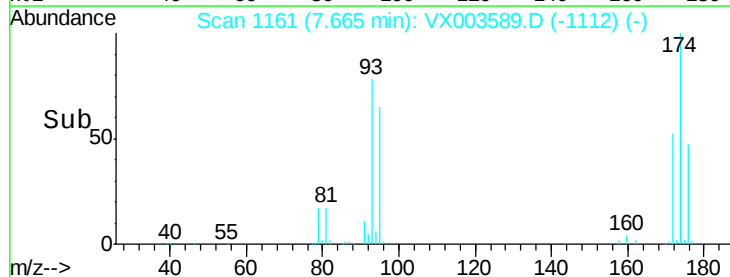
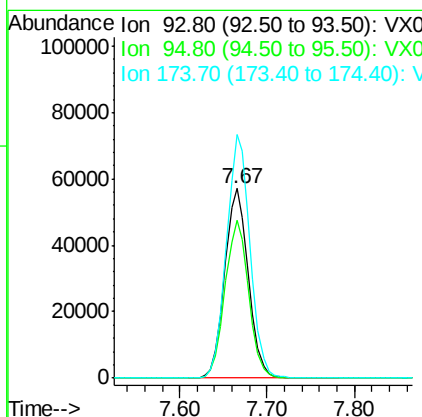
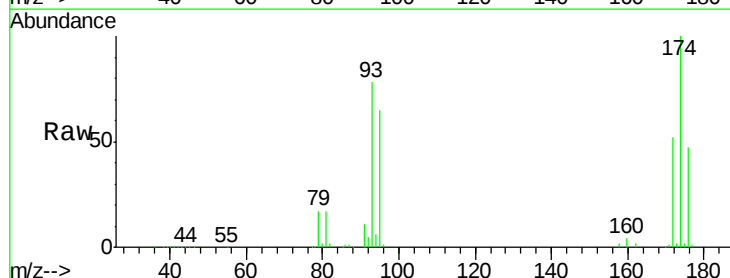
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

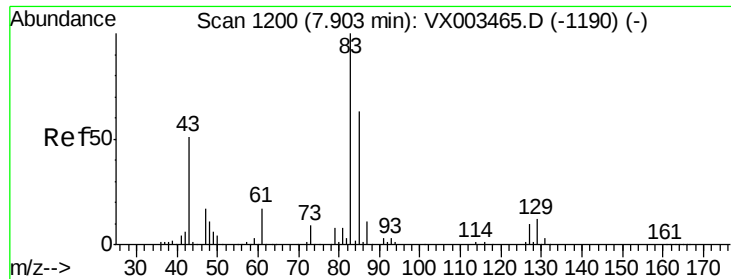
Tot Ion: 63 Resp: 163178
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 51.68 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 93 Resp: 106700
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 128.7 92.4 138.6





#47

Bromodichloromethane

Concen: 52.96 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

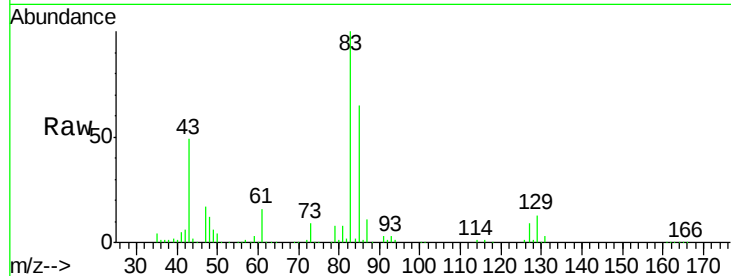
Tot Ion: 83 Resp: 200174

Ion Ratio Lower Upper

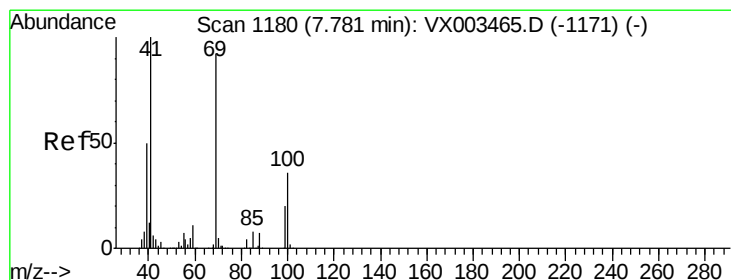
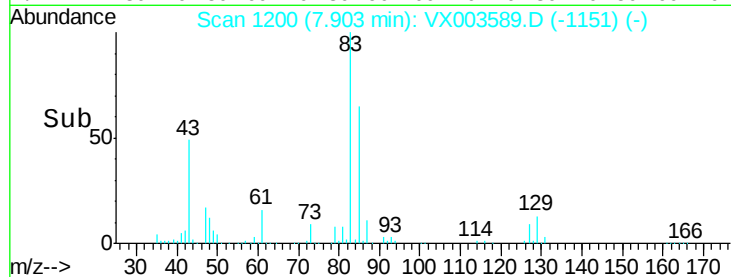
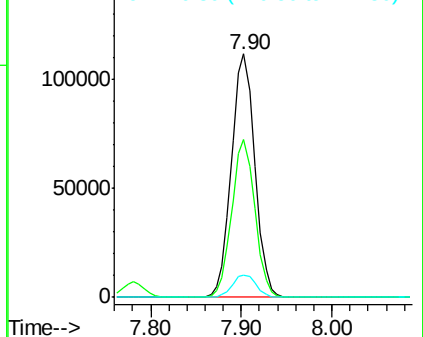
83 100

85 64.8 50.3 75.5

127 9.3 7.0 10.4



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: 51.48 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

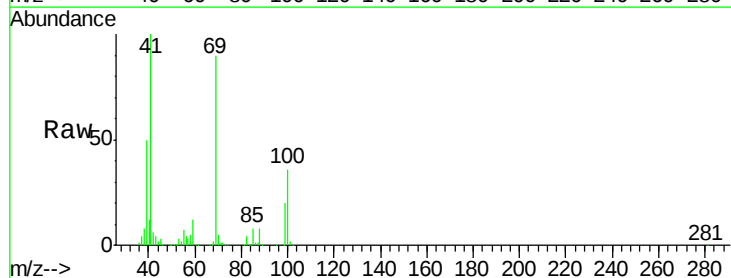
Tgt Ion: 41 Resp: 163464

Ion Ratio Lower Upper

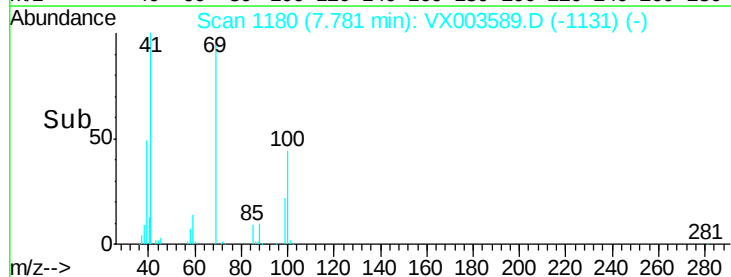
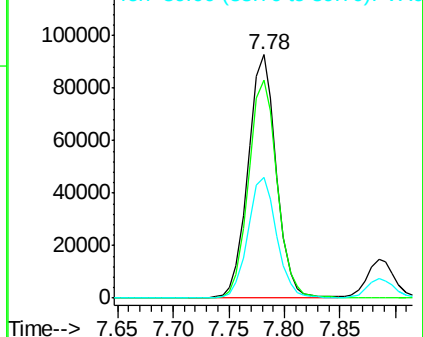
41 100

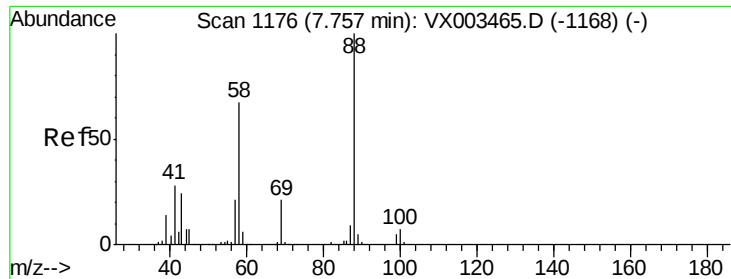
69 91.6 59.1 88.7#

39 50.0 48.9 73.3



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

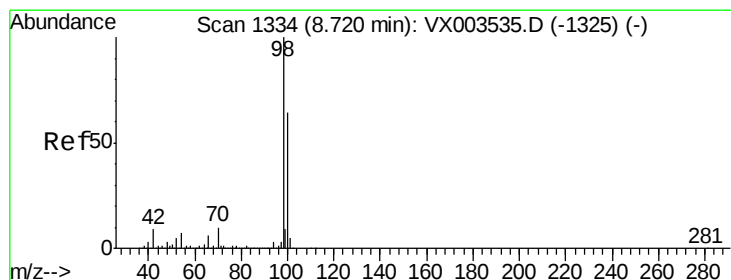
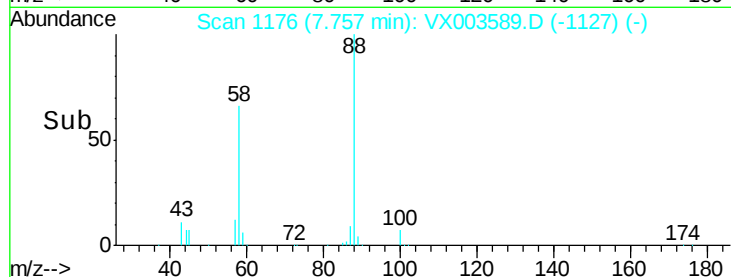
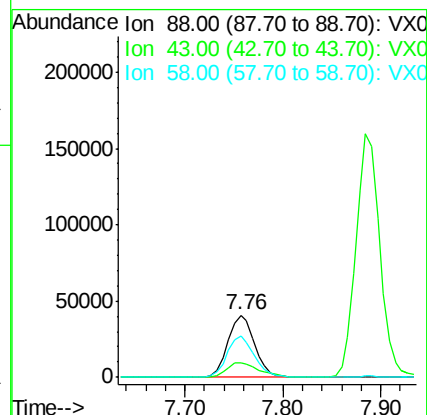
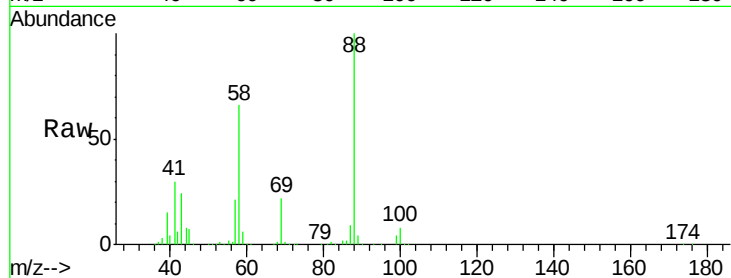




#49
1,4-Dioxane
Concen: 1071.64 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

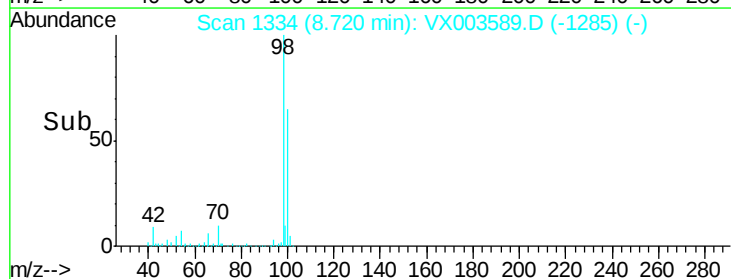
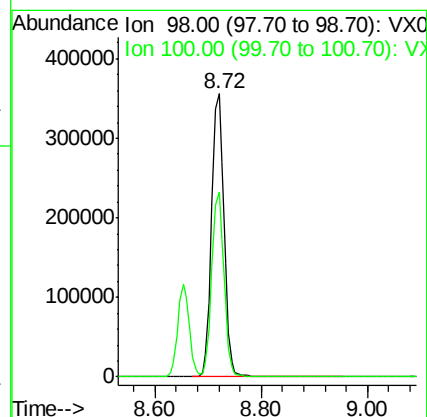
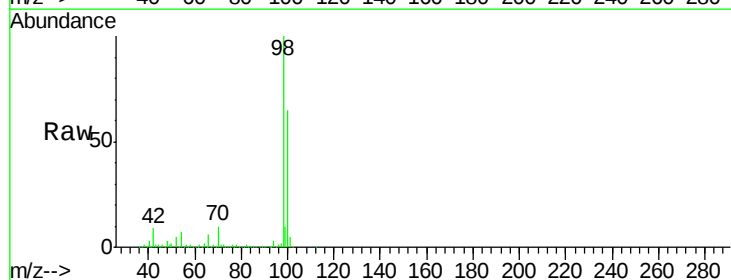
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

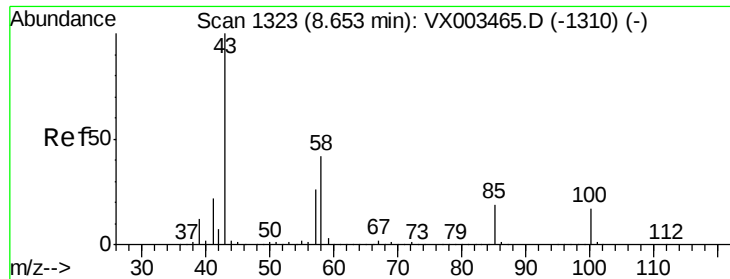
Tot Ion: 88 Resp: 77104
Ion Ratio Lower Upper
88 100
43 28.8 29.8 44.6#
58 68.4 57.1 85.7



#50
Toluene-d8
Concen: 51.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 98 Resp: 565814
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 265.80 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

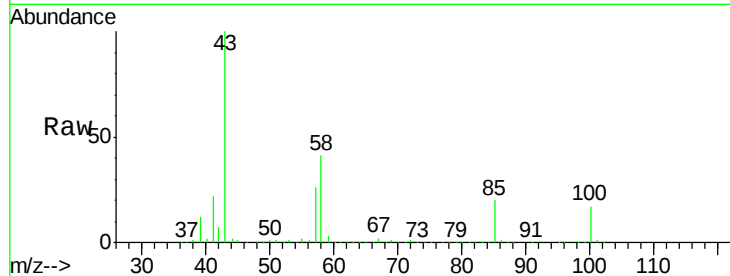
VSTDCCC050EC

Tot Ion: 43 Resp: 1057350

Ion Ratio Lower Upper

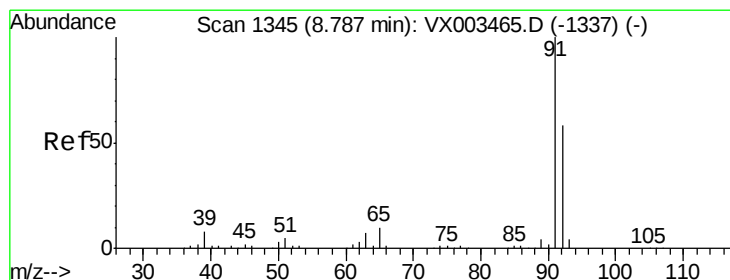
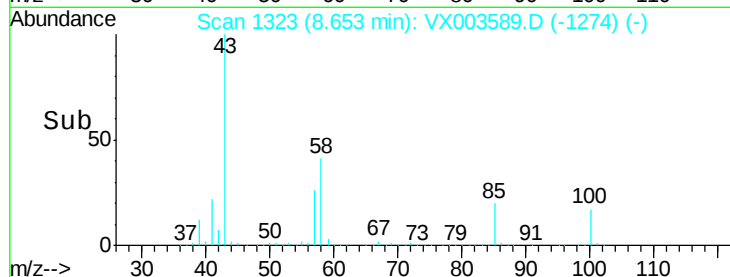
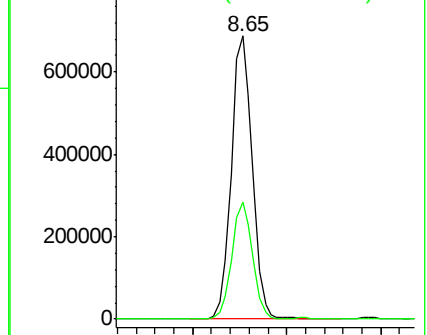
43 100

58 40.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.01 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003589.D

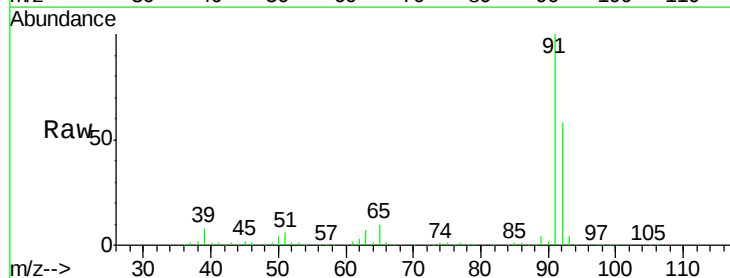
Acq: 22 Jul 2018 07:40

Tgt Ion: 92 Resp: 405534

Ion Ratio Lower Upper

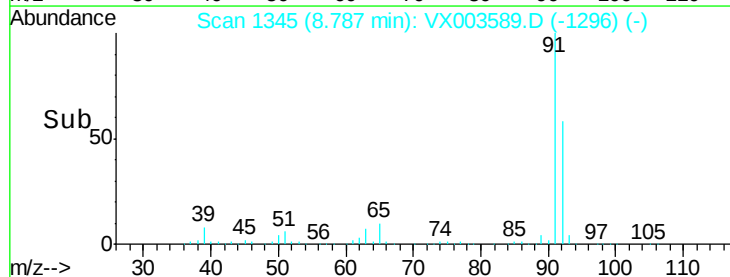
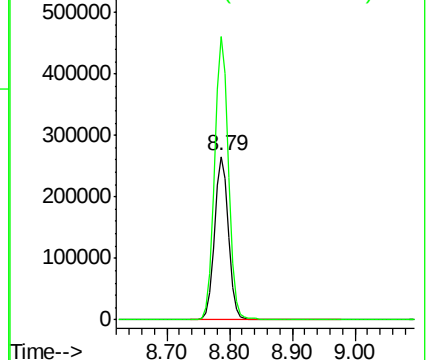
92 100

91 173.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

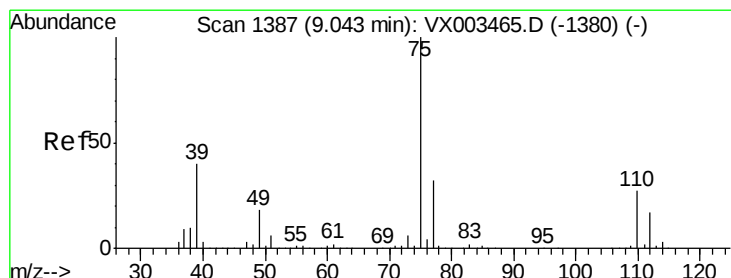
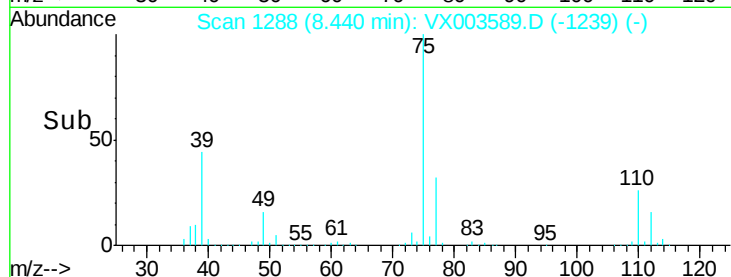
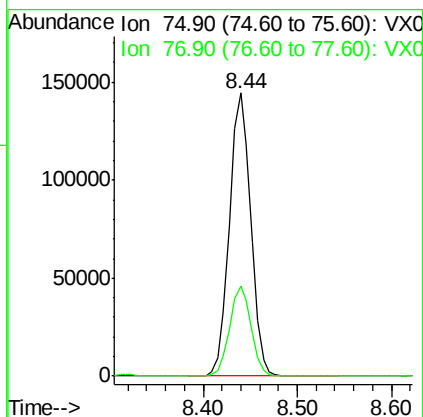
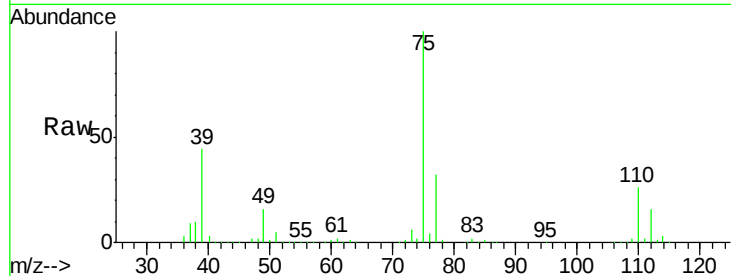




#53
 t-1,3-Dichloropropene
 Concen: 48.75 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

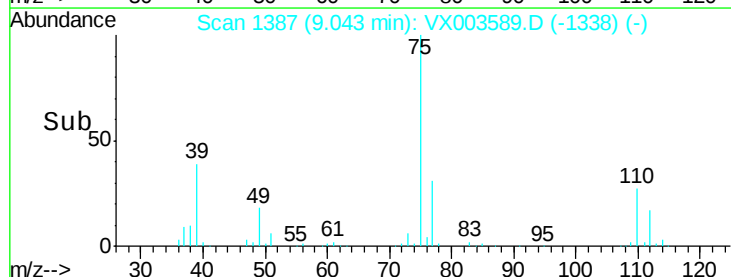
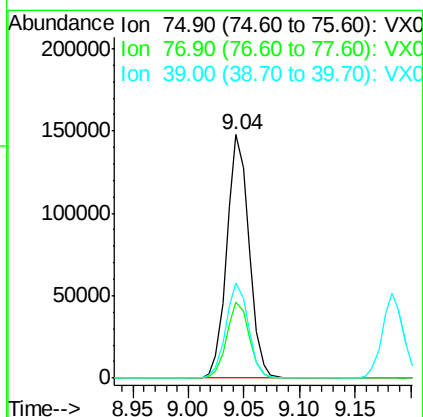
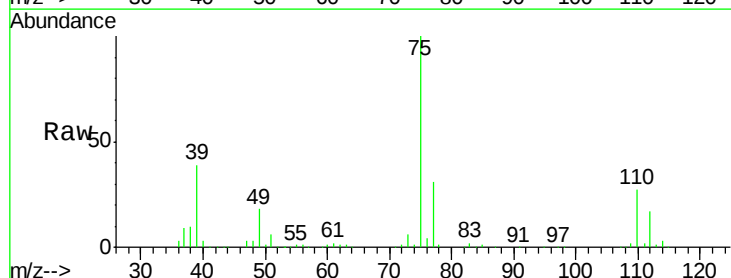
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

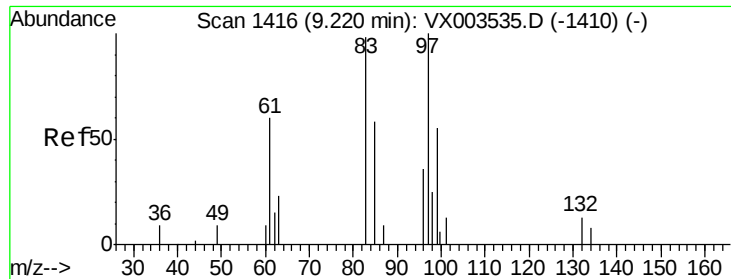
Tot Ion: 75 Resp: 226821
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.73 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 75 Resp: 203887
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 38.9 42.4 63.6#

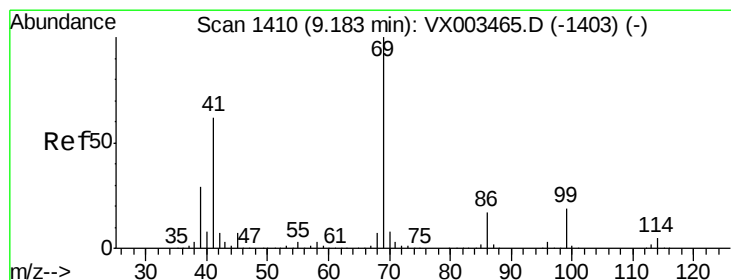
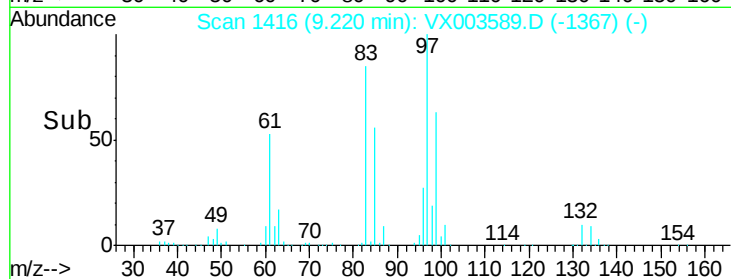
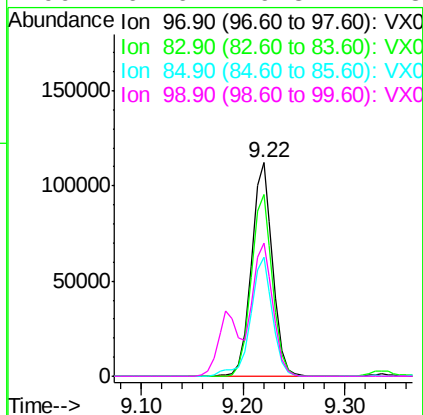
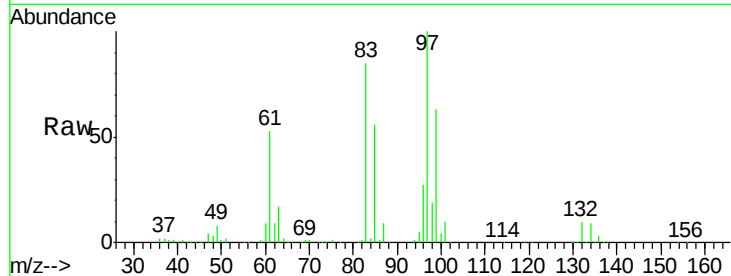




#55
 1,1,2-Trichloroethane
 Concen: 51.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

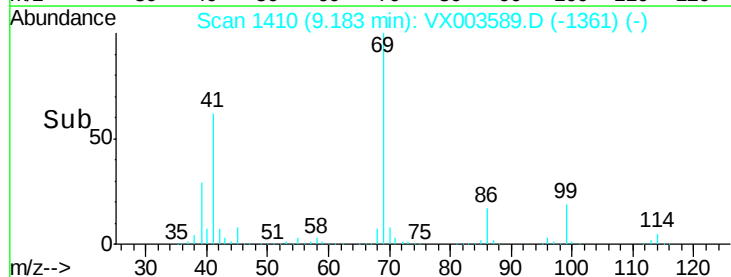
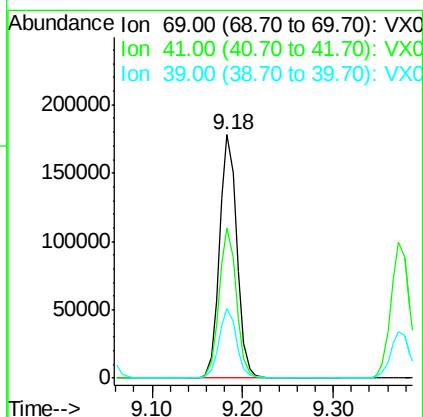
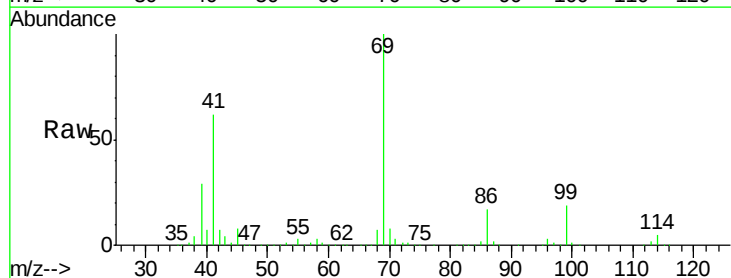
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

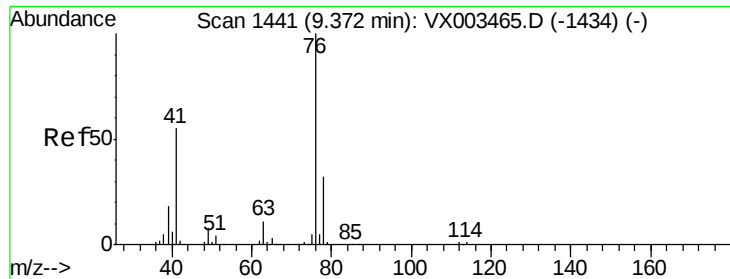
Tot Ion:	97	Resp:	162446
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.2	105.2
85	55.6	44.9	67.3
99	62.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 53.45 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion:	69	Resp:	238167
Ion	Ratio	Lower	Upper
69	100		
41	61.1	60.3	90.5
39	28.8	35.8	53.8#

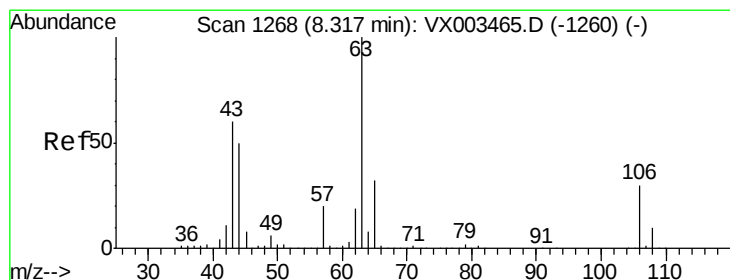
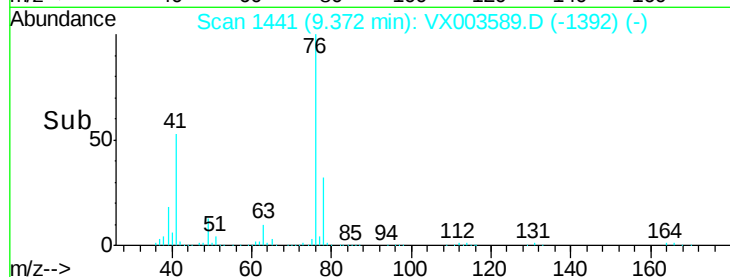
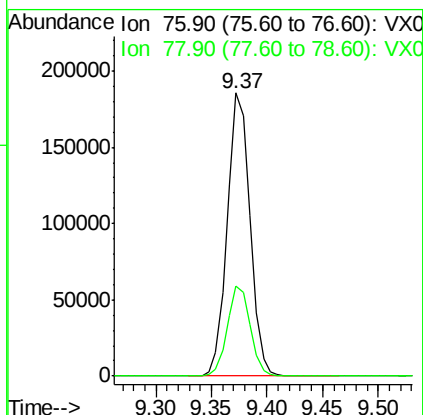
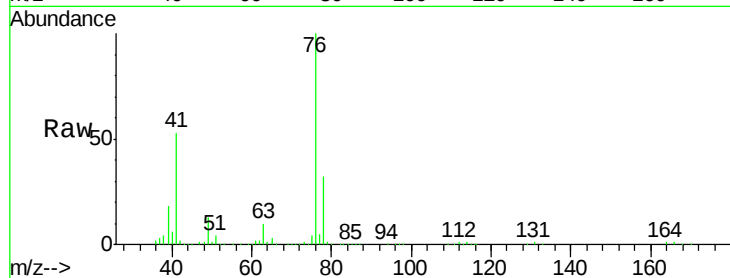




#57
 1,3-Dichloropropane
 Concen: 51.41 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

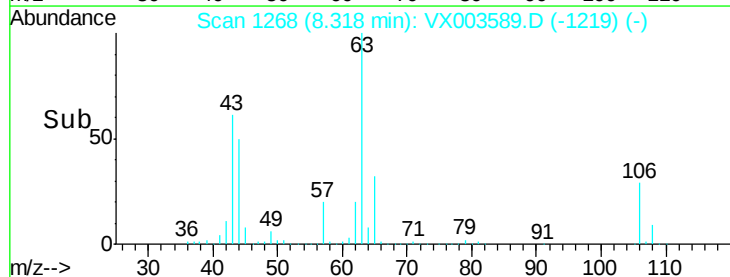
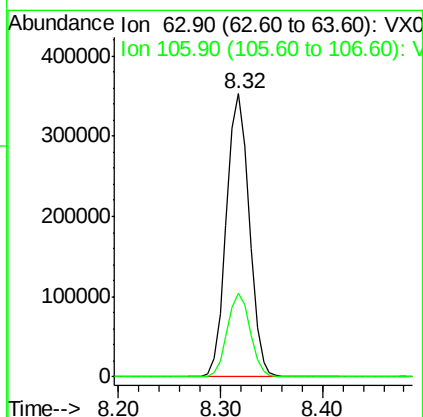
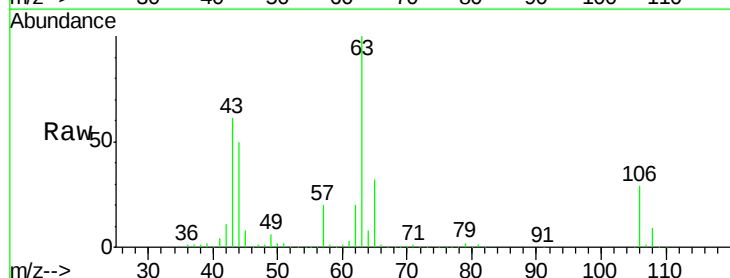
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

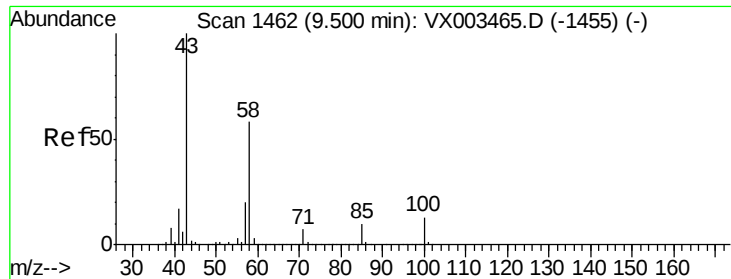
Tot Ion: 76 Resp: 262909
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.26 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 63 Resp: 546569
 Ion Ratio Lower Upper
 63 100
 106 29.5 21.8 32.8

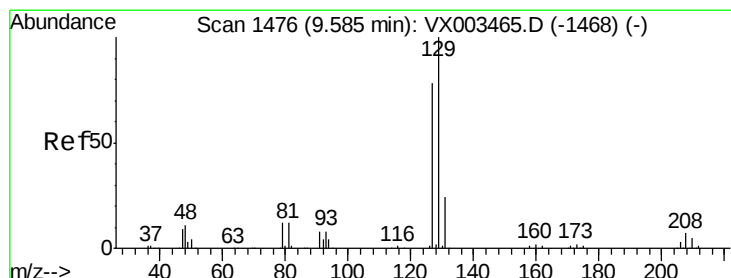
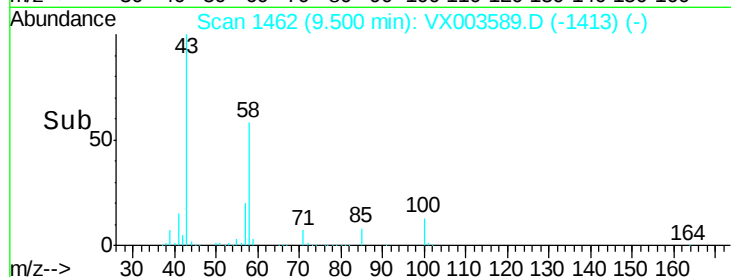
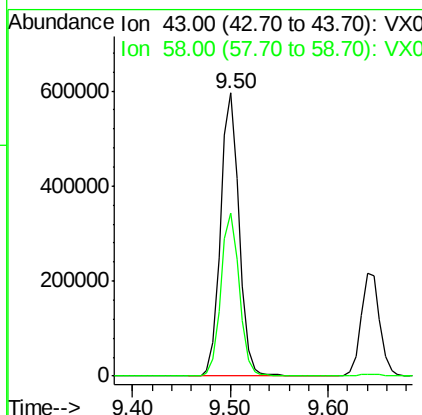
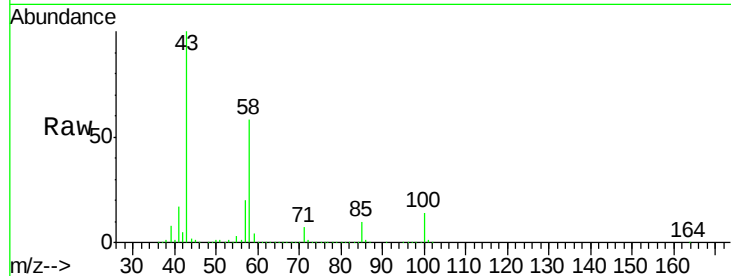




#59
2-Hexanone
Concen: 265.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

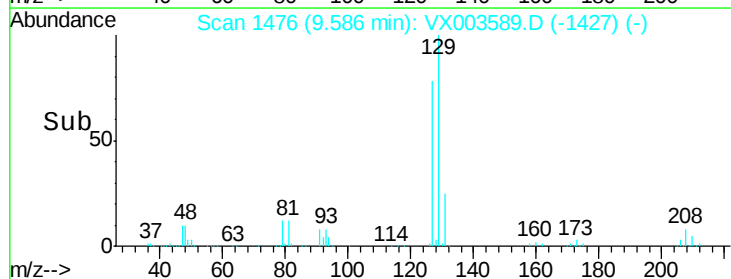
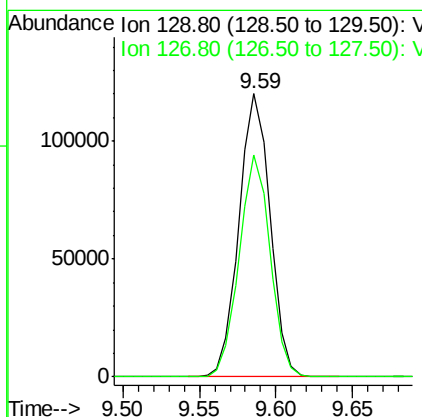
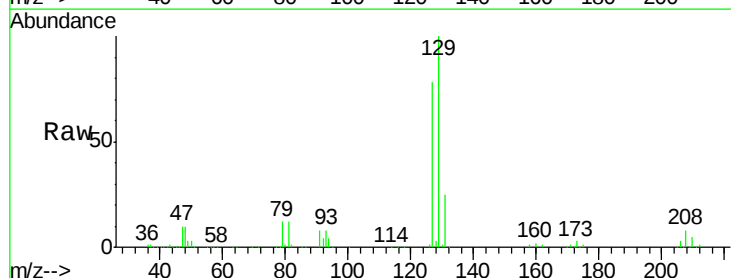
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

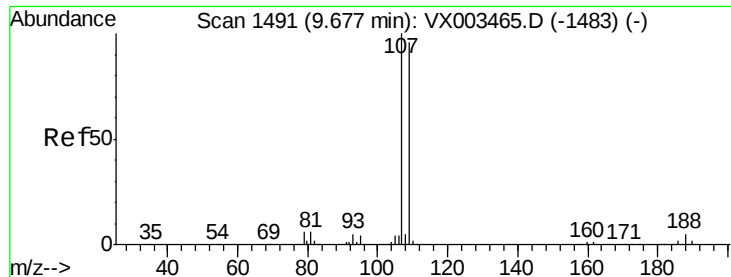
Tot Ion: 43 Resp: 783972
Ion Ratio Lower Upper
43 100
58 57.7 24.6 73.6



#60
Dibromochloromethane
Concen: 54.26 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 129 Resp: 169920
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.22 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

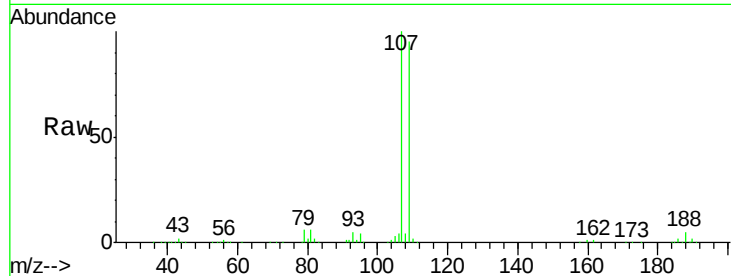
VSTDCCC050EC

Tot Ion:107 Resp: 171248

Ion Ratio Lower Upper

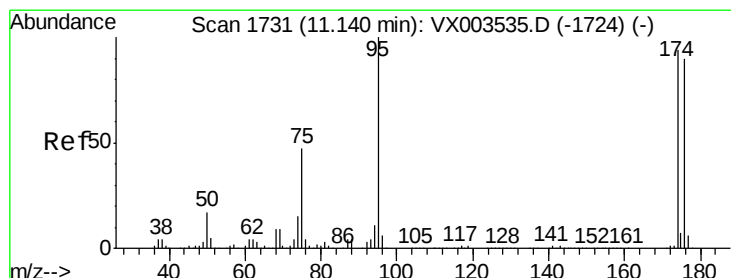
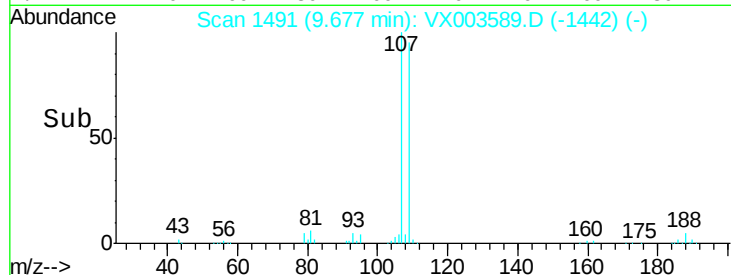
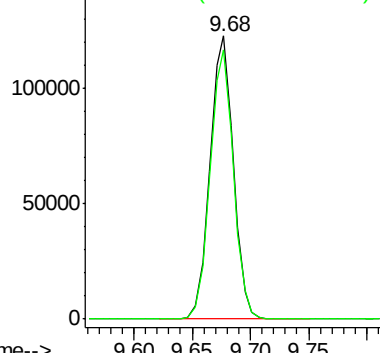
107 100

109 95.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

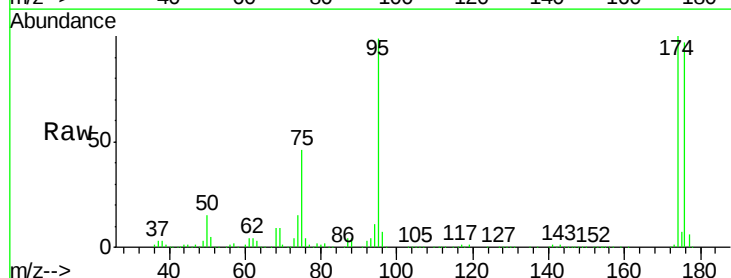
Tgt Ion: 95 Resp: 206038

Ion Ratio Lower Upper

95 100

174 100.1 0.0 187.4

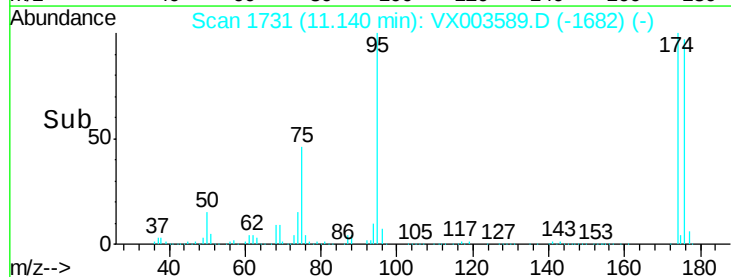
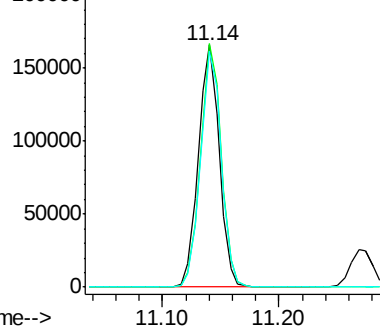
176 97.4 0.0 181.0

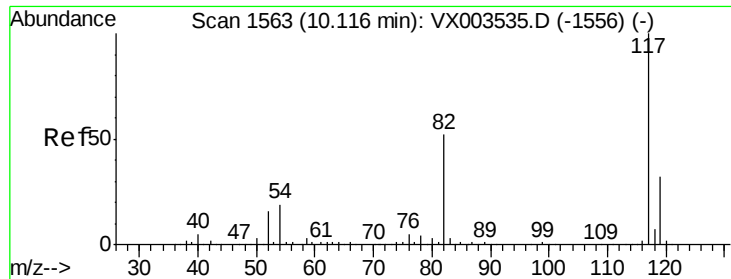


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

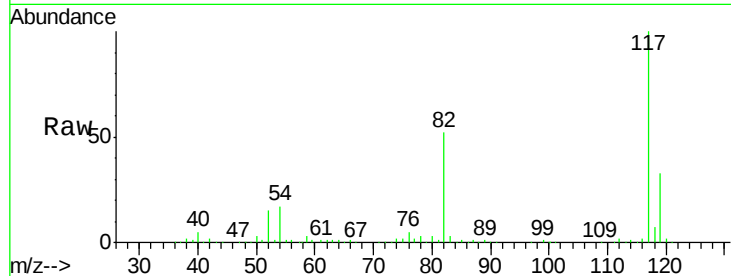




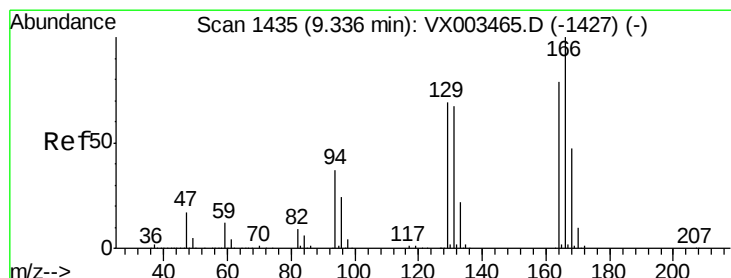
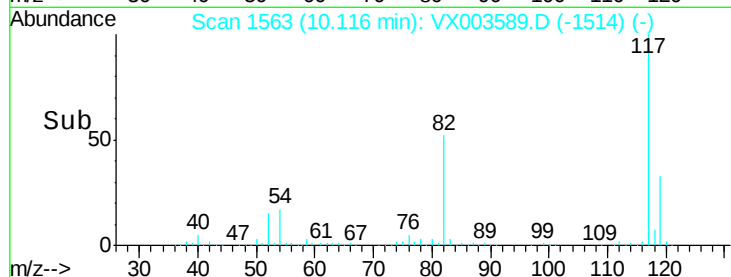
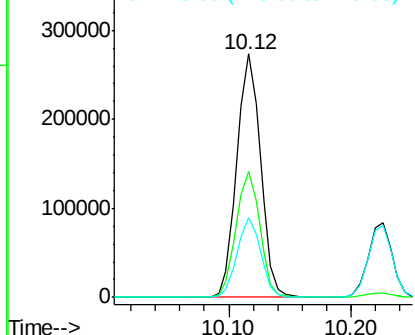
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 367523
Ion Ratio Lower Upper
117 100
82 51.9 45.0 67.4
119 32.8 25.8 38.6

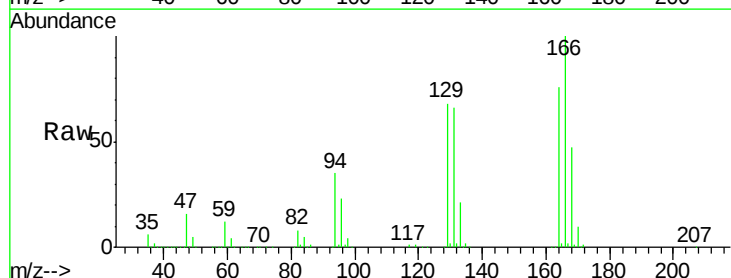


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

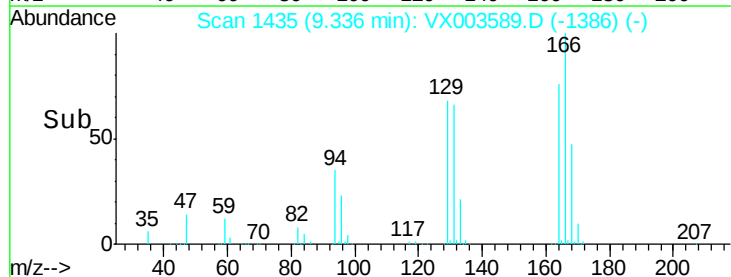
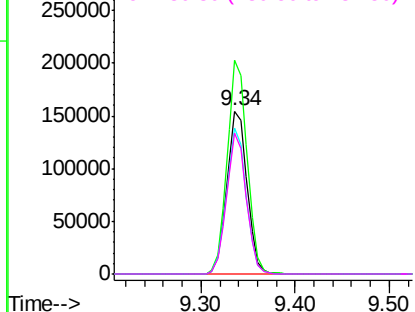


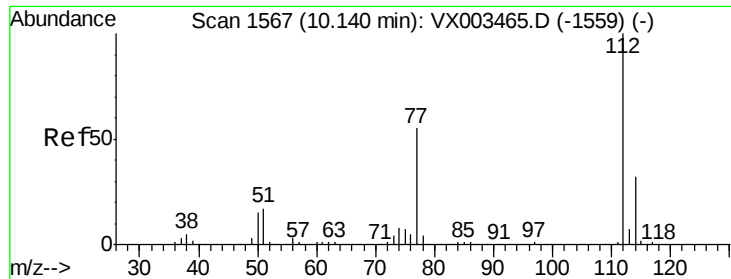
#64
Tetrachloroethene
Concen: 51.27 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion:164 Resp: 229586
Ion Ratio Lower Upper
164 100
166 131.1 102.9 154.3
129 89.3 68.6 102.8
131 86.1 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.25 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

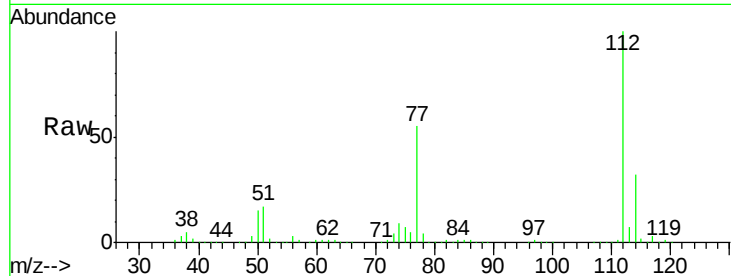
VSTDCCC050EC

Tot Ion:112 Resp: 466408

Ion Ratio Lower Upper

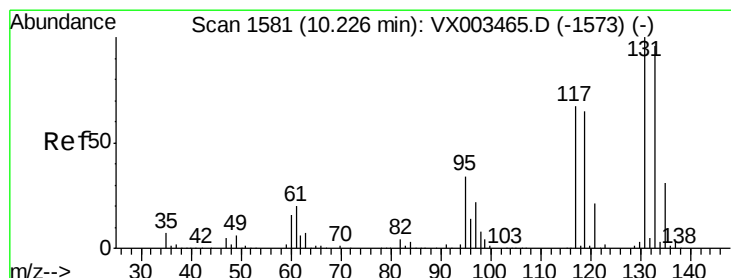
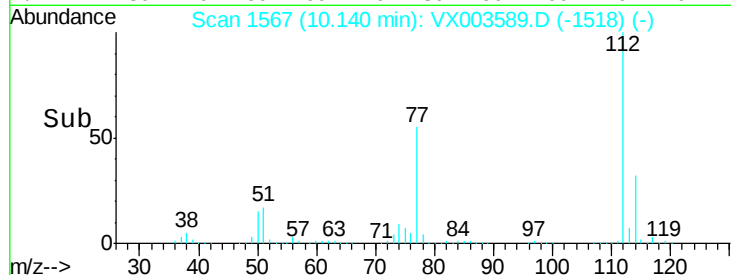
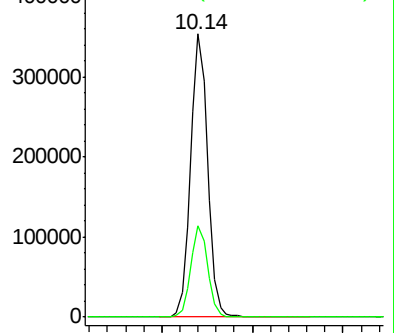
112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.17 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

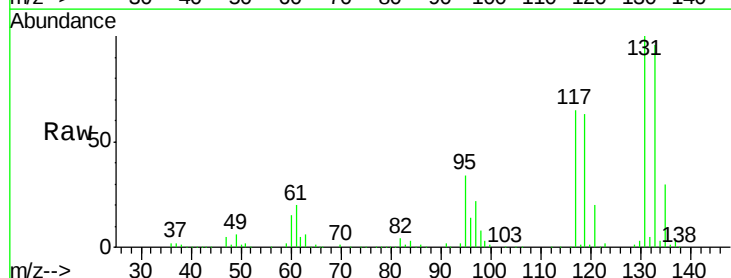
Tgt Ion:131 Resp: 169979

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

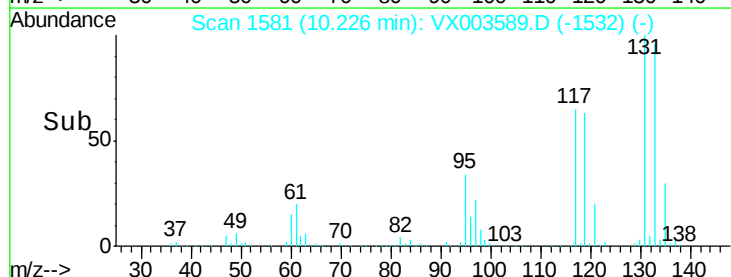
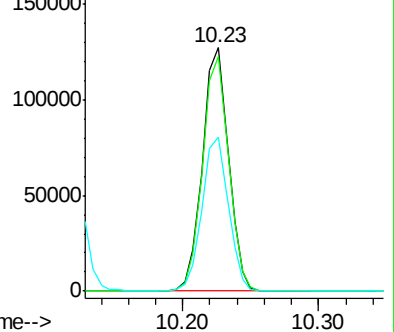
119 64.3 31.8 95.3

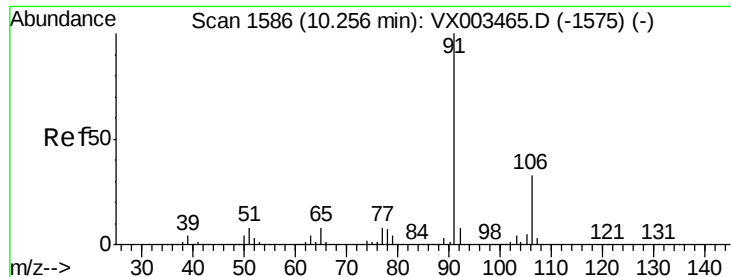


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

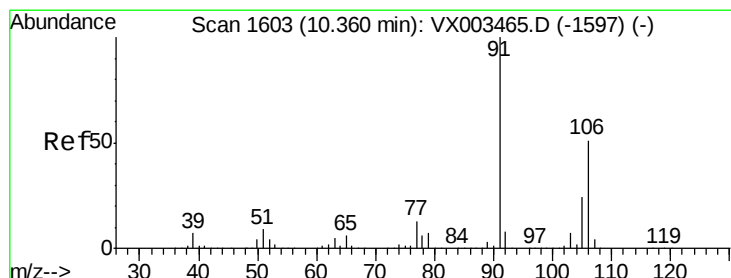
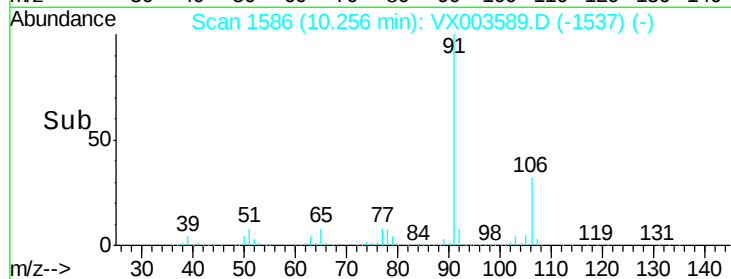
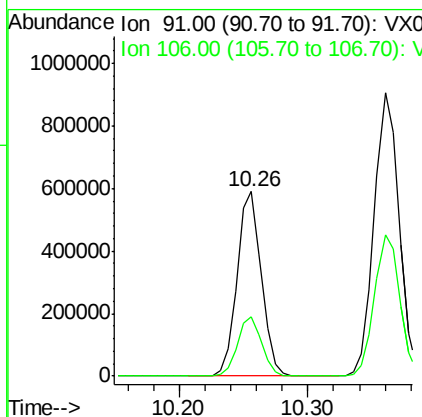
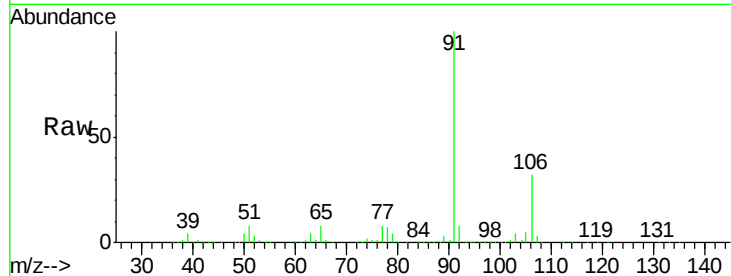




#67
Ethyl Benzene
Concen: 50.77 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

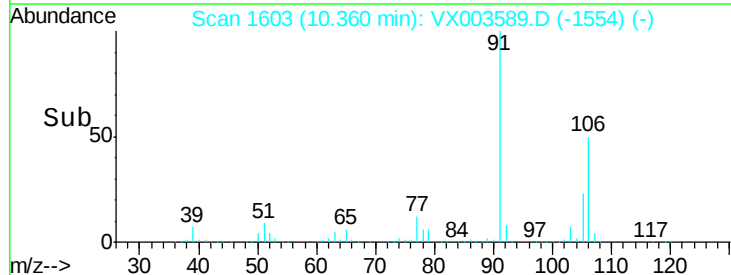
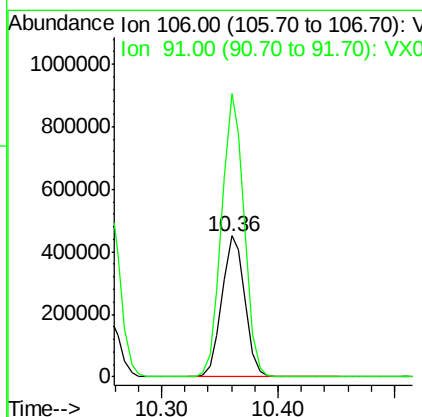
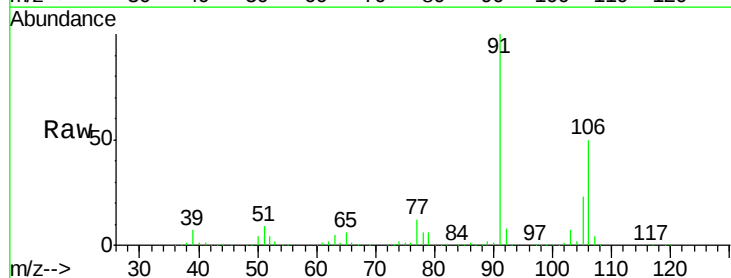
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

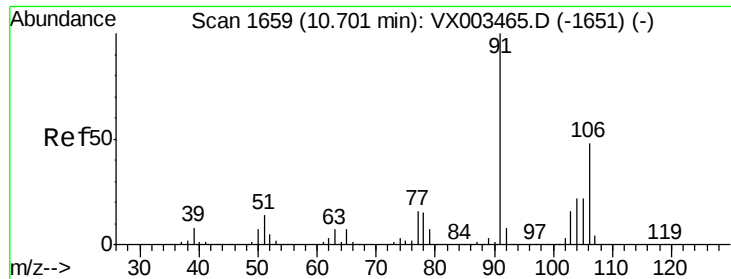
Tot Ion: 91 Resp: 772966
Ion Ratio Lower Upper
91 100
106 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 101.78 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 106 Resp: 607501
Ion Ratio Lower Upper
106 100
91 198.2 163.4 245.2

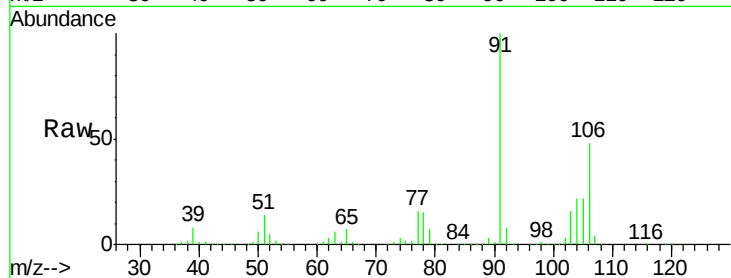




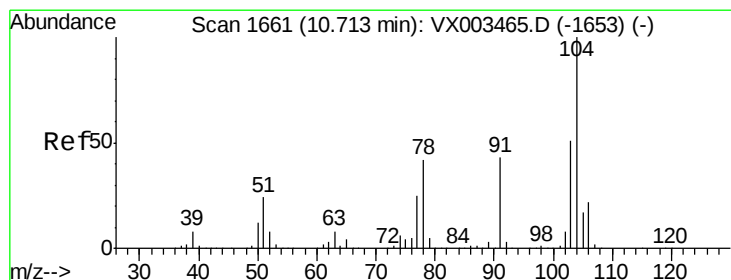
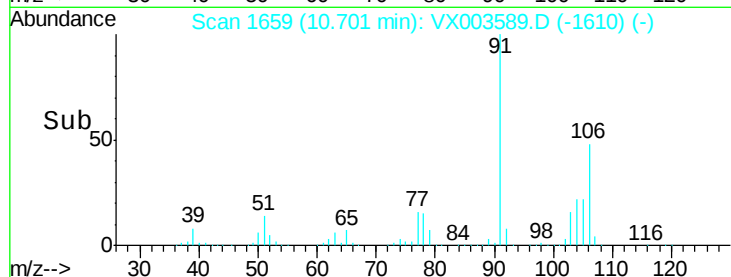
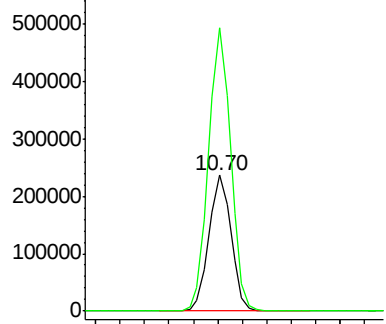
#69
o-Xylene
Concen: 51.15 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 295223
Ion Ratio Lower Upper
106 100
91 208.5 108.2 324.6

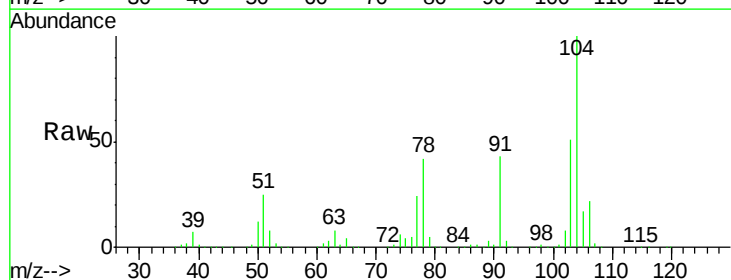


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

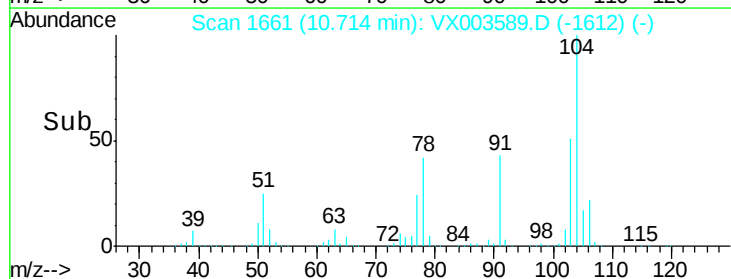
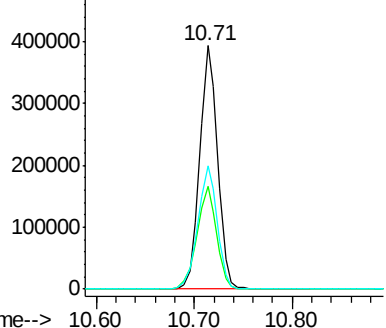


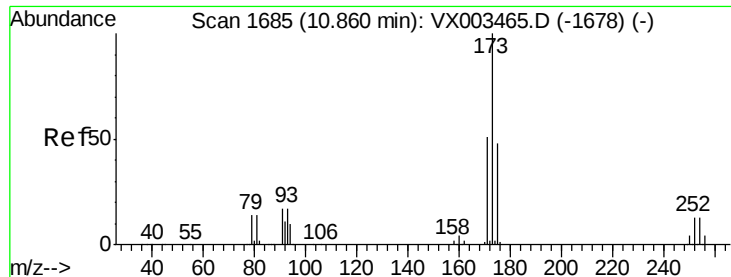
#70
Styrene
Concen: 52.62 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion:104 Resp: 499592
Ion Ratio Lower Upper
104 100
78 46.2 41.0 61.6
103 55.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.13 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

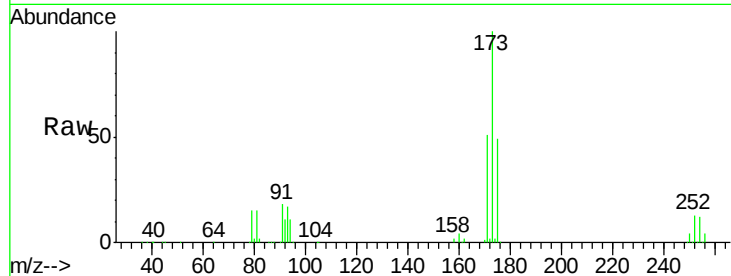
Tot Ion:173 Resp: 137018

Ion Ratio Lower Upper

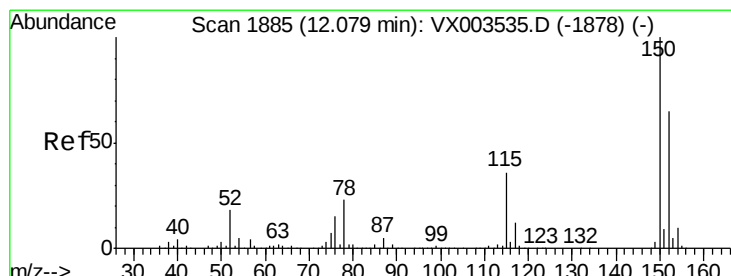
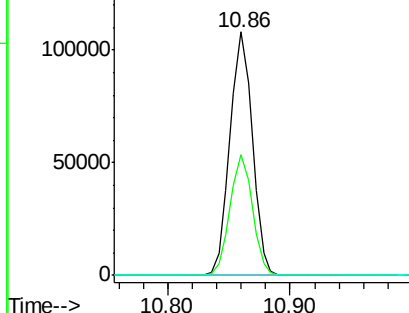
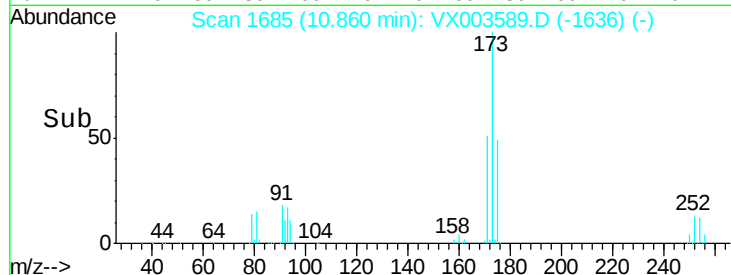
173 100

175 49.2 24.7 74.1

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

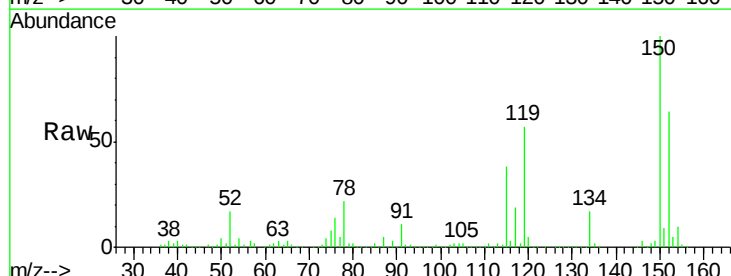
Tgt Ion:152 Resp: 227900

Ion Ratio Lower Upper

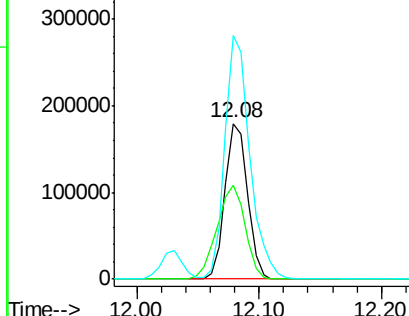
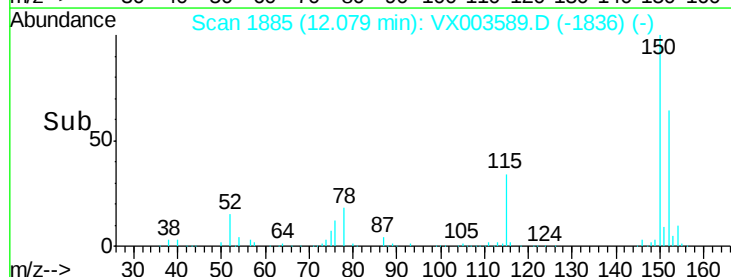
152 100

115 75.5 40.1 120.2

150 173.4 0.0 347.2



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: 50.08 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

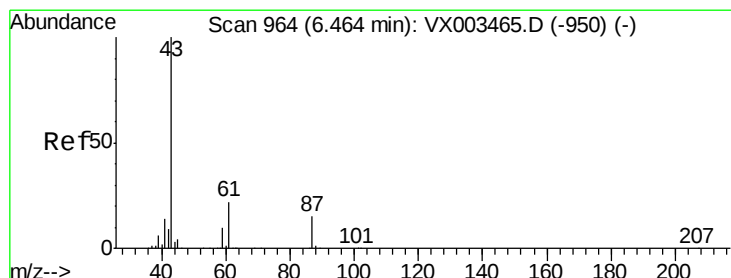
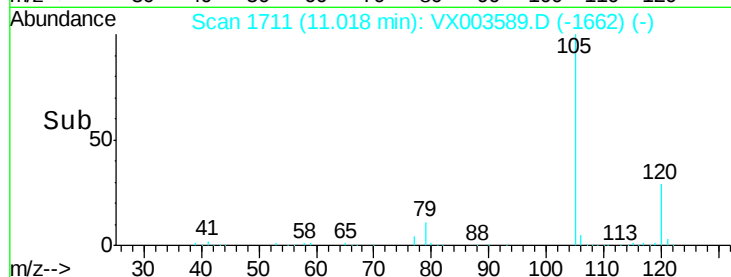
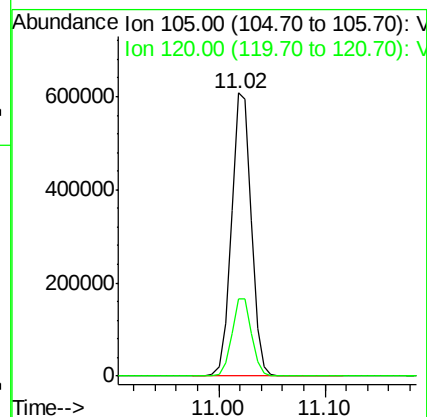
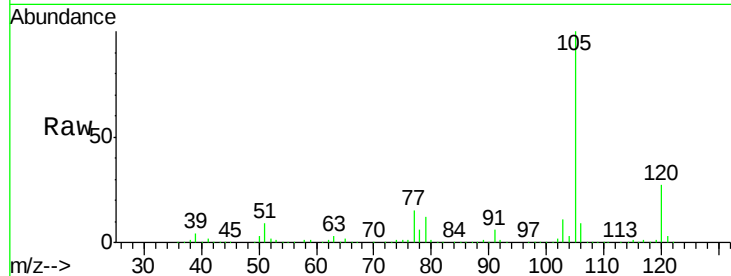
VSTDCCC050EC

Tot Ion:105 Resp: 789363

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 47.29 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Tgt Ion: 43 Resp: 316521

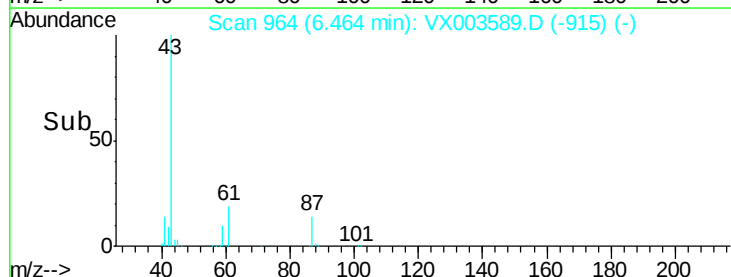
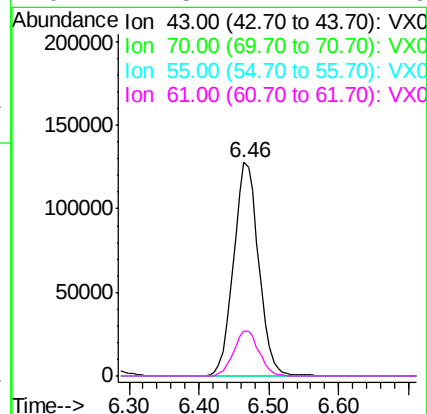
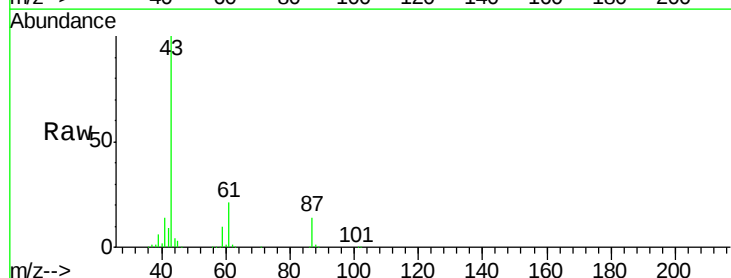
Ion Ratio Lower Upper

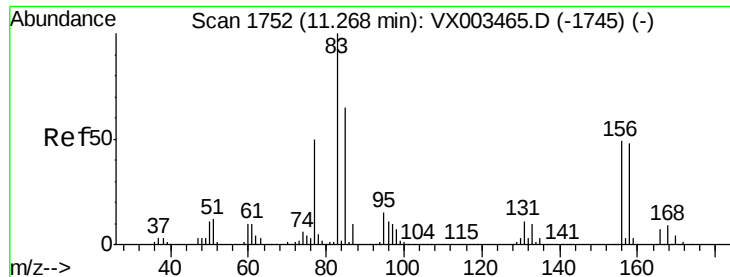
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 21.5 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.18 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

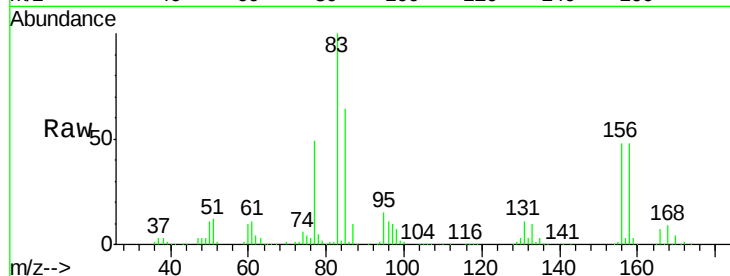
Tot Ion: 83 Resp: 227162

Ion Ratio Lower Upper

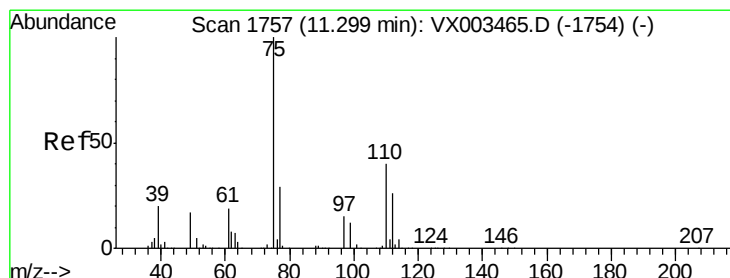
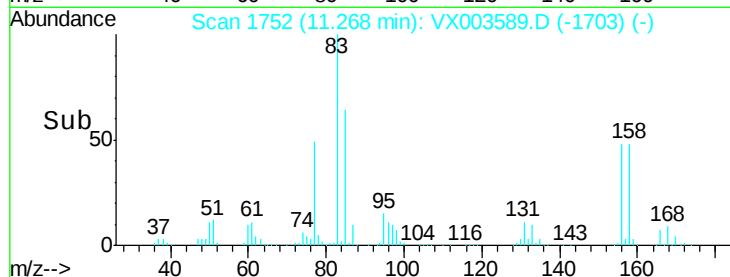
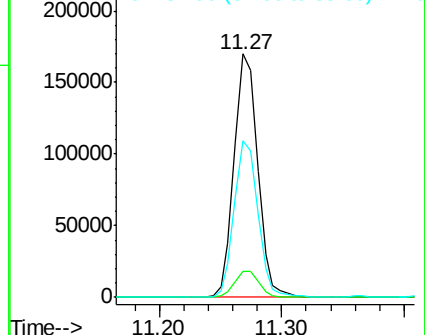
83 100

131 11.1 5.6 16.8

85 64.7 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 61.42 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003589.D

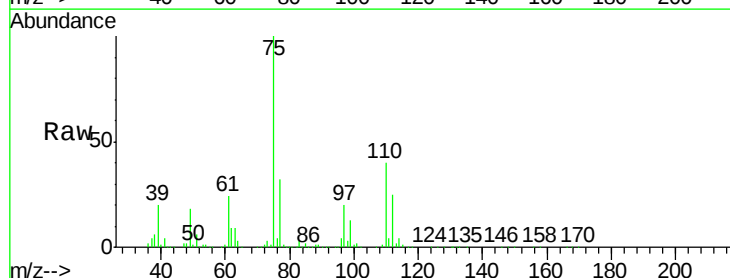
Acq: 22 Jul 2018 07:40

Tgt Ion: 75 Resp: 251452

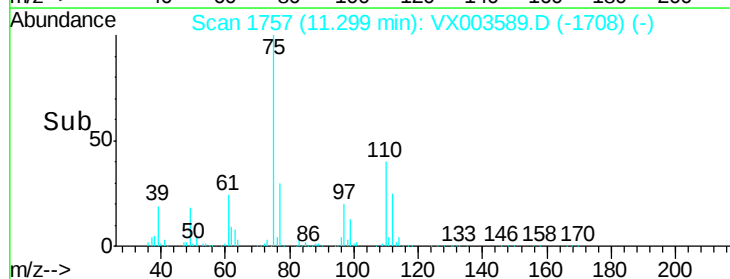
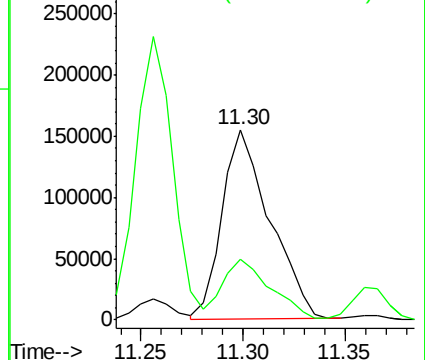
Ion Ratio Lower Upper

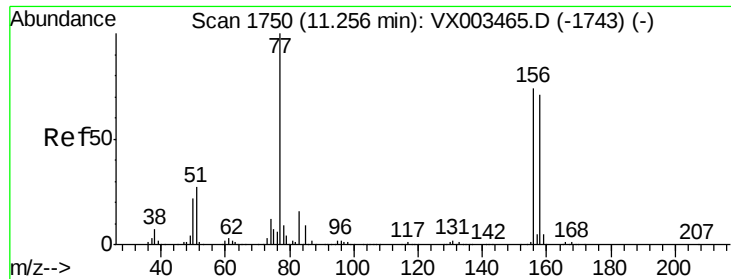
75 100

77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

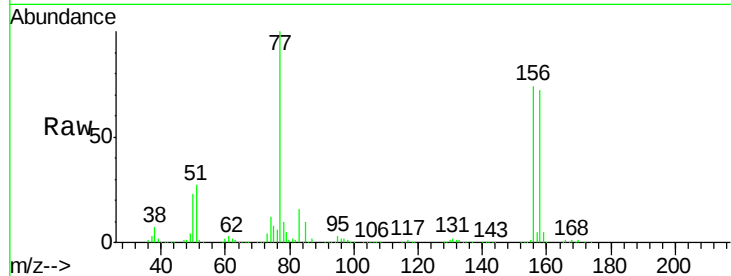
Tot Ion:156 Resp: 220969

Ion Ratio Lower Upper

156 100

77 132.7 71.4 214.2

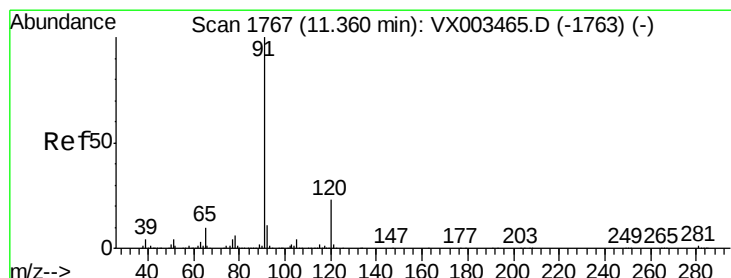
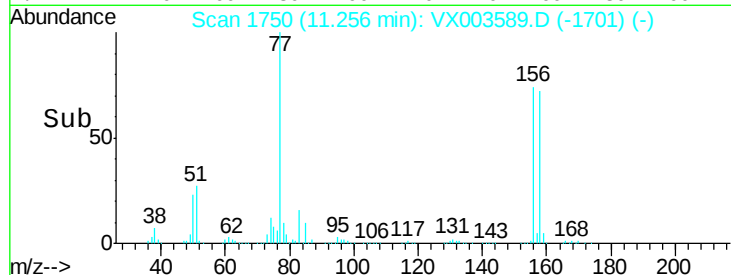
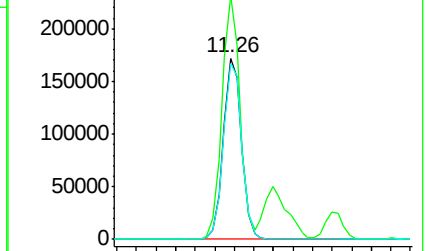
158 98.4 48.9 146.6



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: 50.13 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003589.D

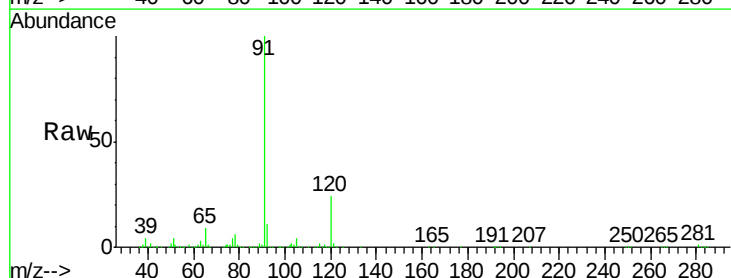
Acq: 22 Jul 2018 07:40

Tgt Ion: 91 Resp: 878318

Ion Ratio Lower Upper

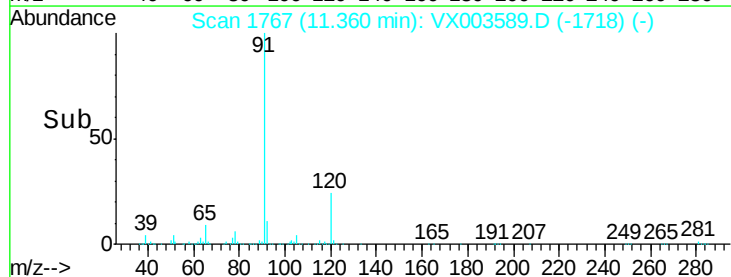
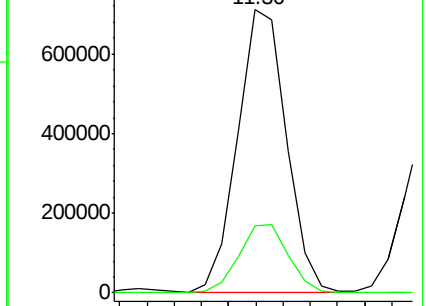
91 100

120 24.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.12 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

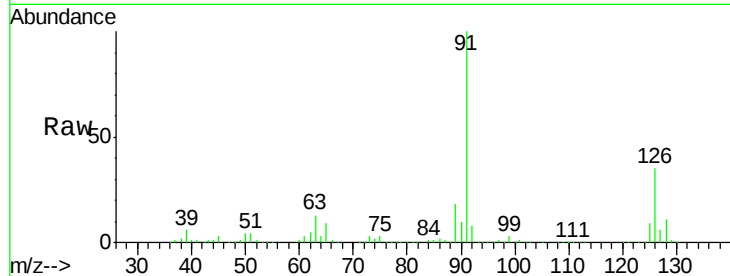
VSTDCCC050EC

Tot Ion: 91 Resp: 522395

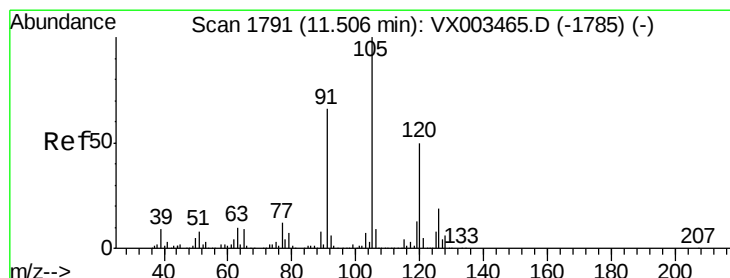
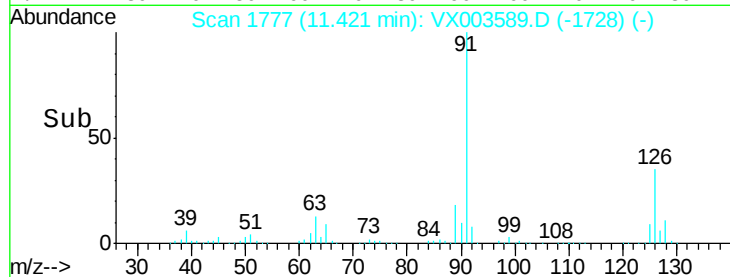
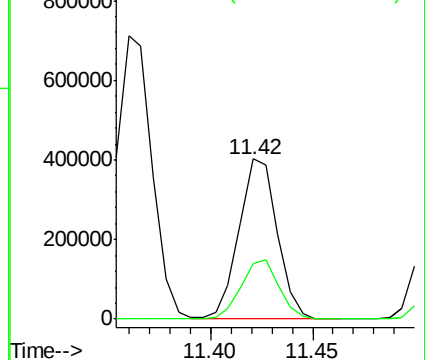
Ion Ratio Lower Upper

91 100

126 36.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX003589.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003589.D

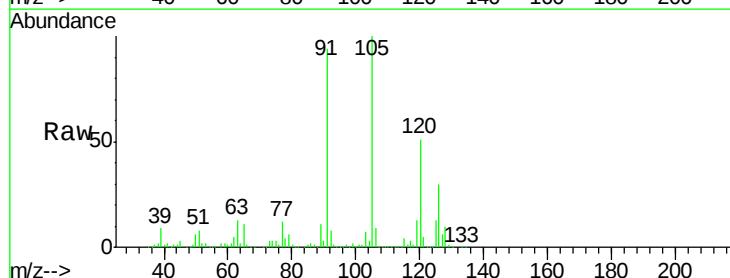
Acq: 22 Jul 2018 07:40

Tgt Ion: 105 Resp: 655378

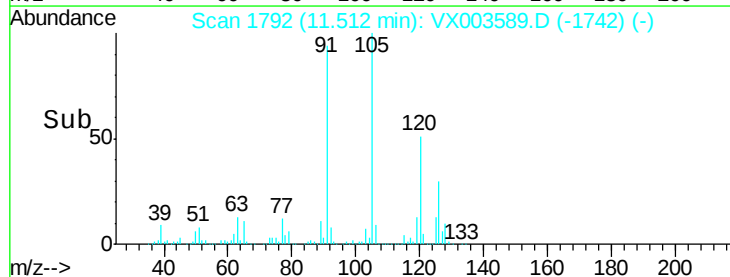
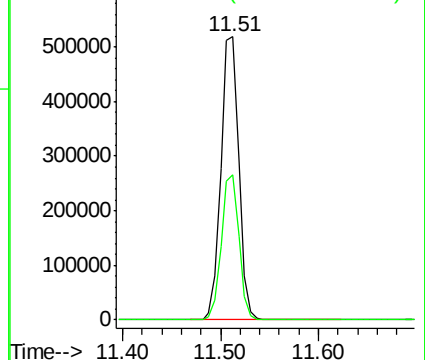
Ion Ratio Lower Upper

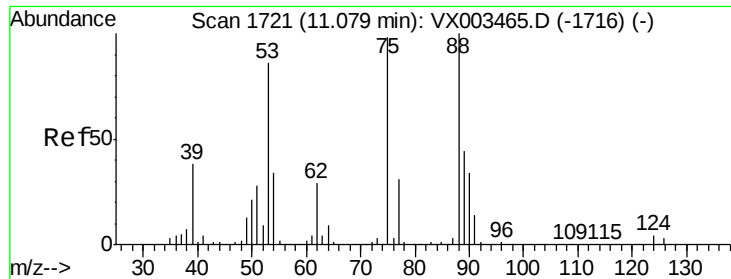
105 100

120 50.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003589.D (-1742) (-)

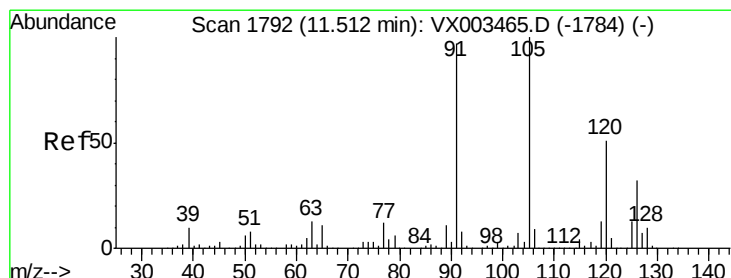
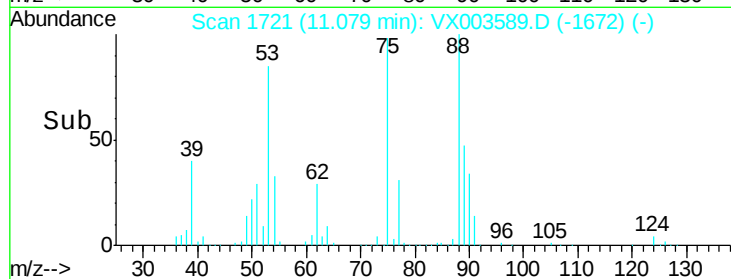
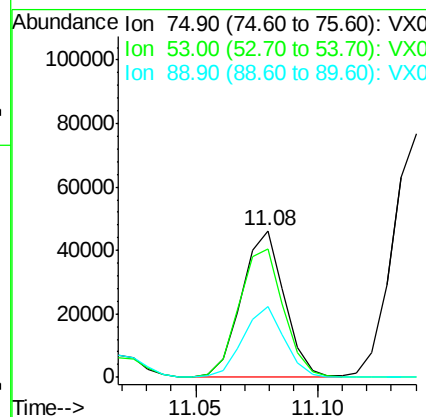
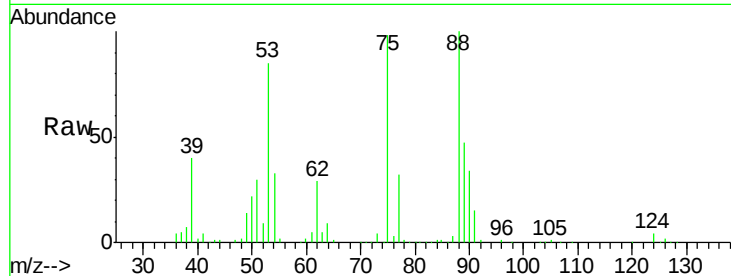




#81
trans-1,4-Dichloro-2-butene
Concen: 38.96 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

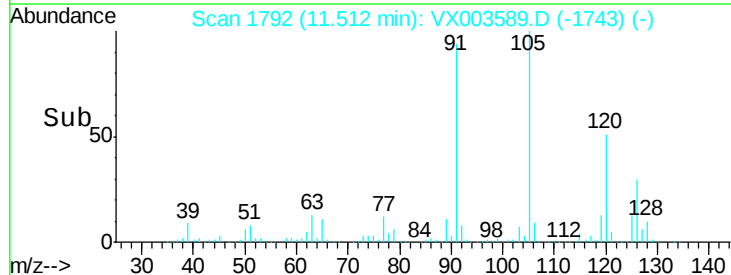
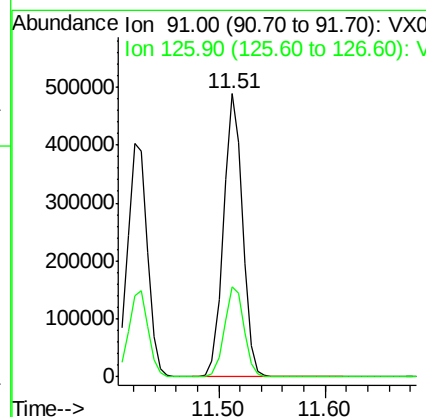
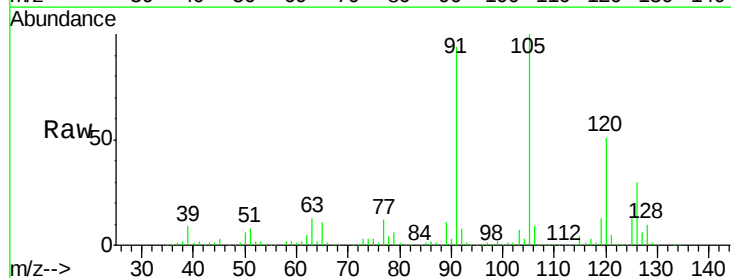
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

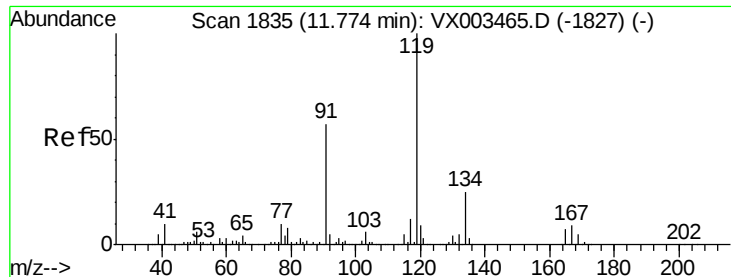
Tot Ion: 75 Resp: 55372
Ion Ratio Lower Upper
75 100
53 91.9 86.8 130.2
89 47.4 38.2 57.2



#82
4-Chlorotoluene
Concen: 48.78 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 91 Resp: 607941
Ion Ratio Lower Upper
91 100
126 32.8 15.4 46.4

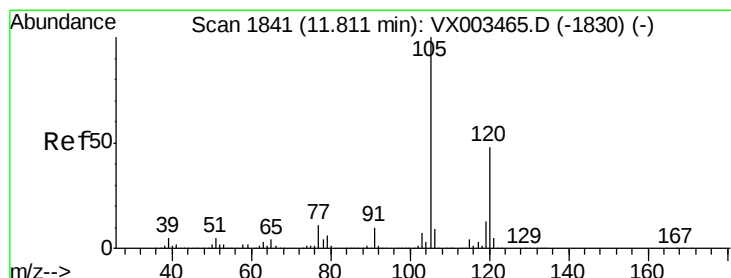
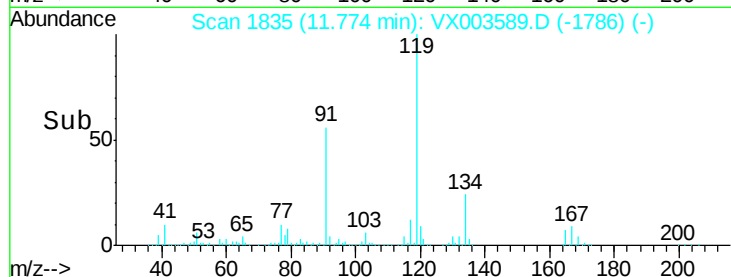
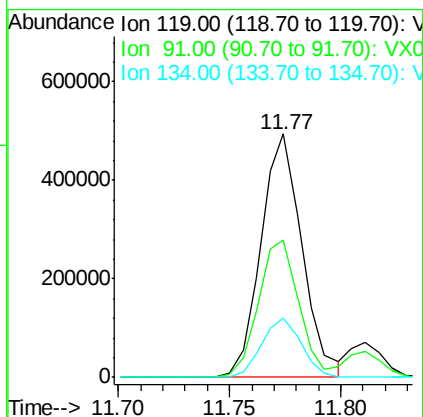
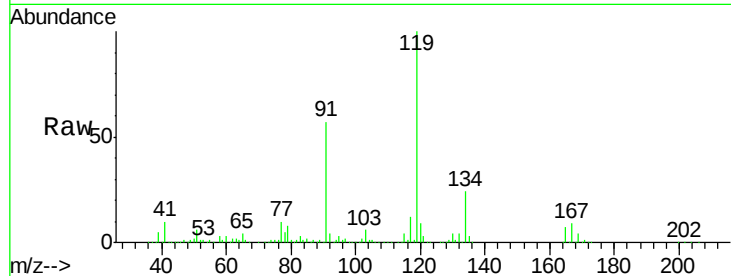




#83
 tert-Butylbenzene
 Concen: 49.79 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

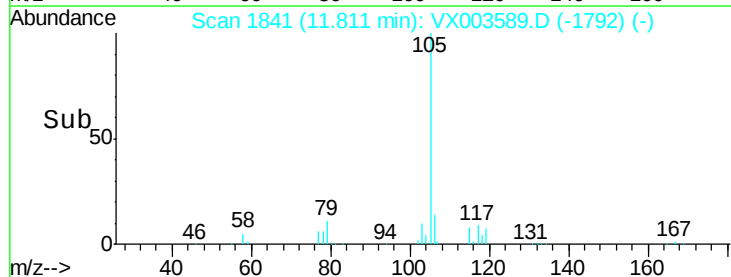
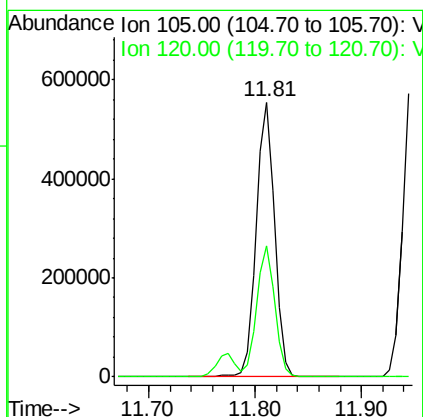
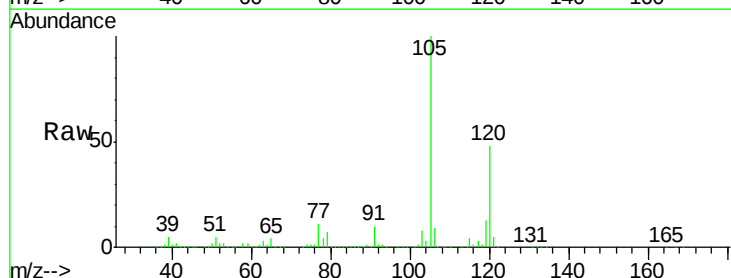
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

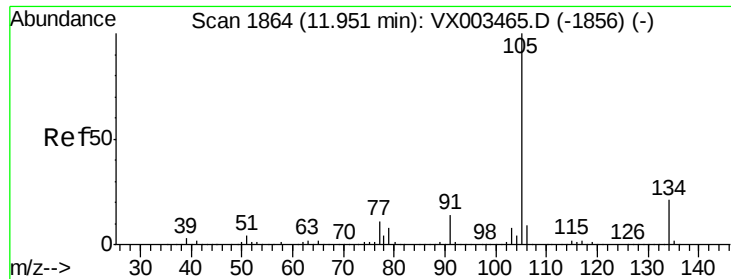
Tot Ion:119 Resp: 631616
 Ion Ratio Lower Upper
 119 100
 91 55.5 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.11 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion:105 Resp: 673704
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

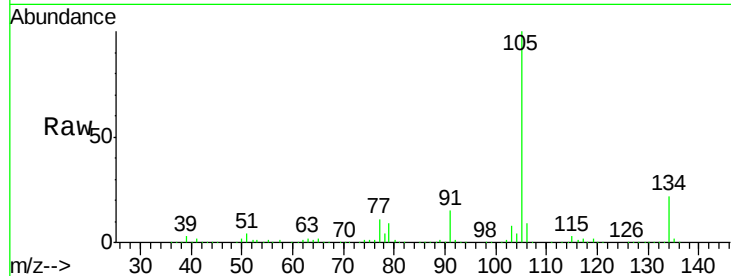
VSTDCCC050EC

Tot Ion:105 Resp: 769797

Ion Ratio Lower Upper

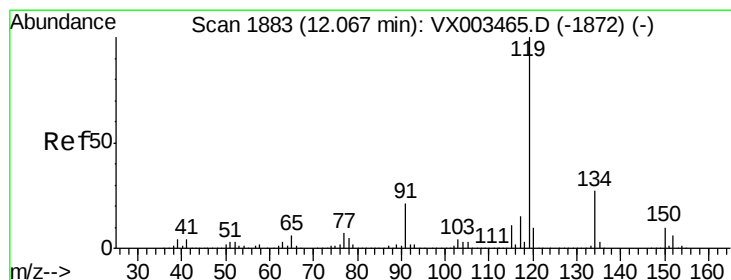
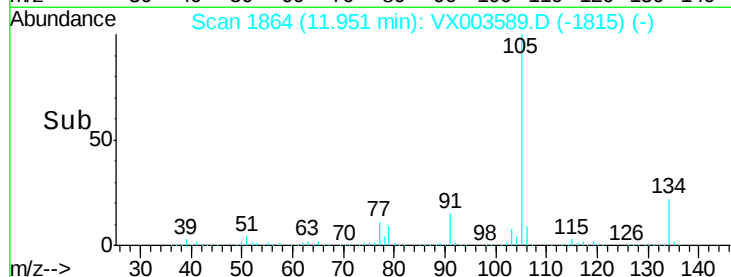
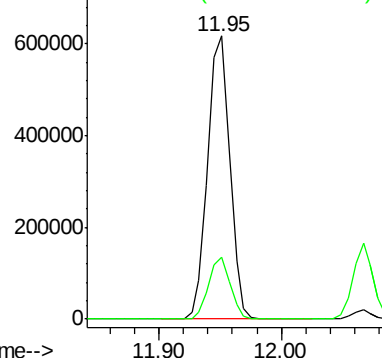
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.64 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003589.D

Acq: 22 Jul 2018 07:40

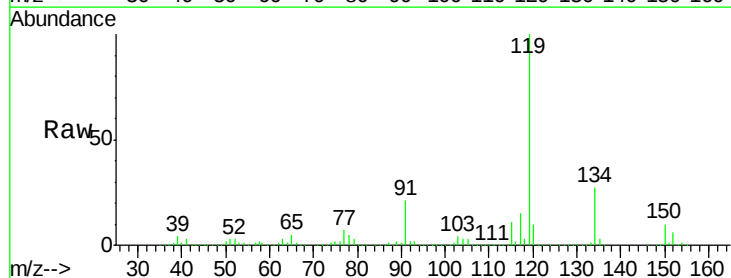
Tgt Ion:119 Resp: 700211

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

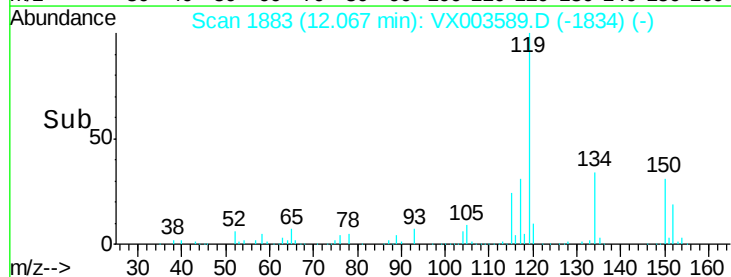
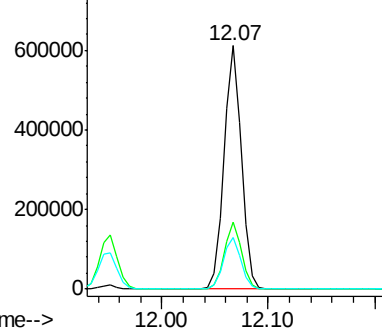
91 21.4 11.9 35.7

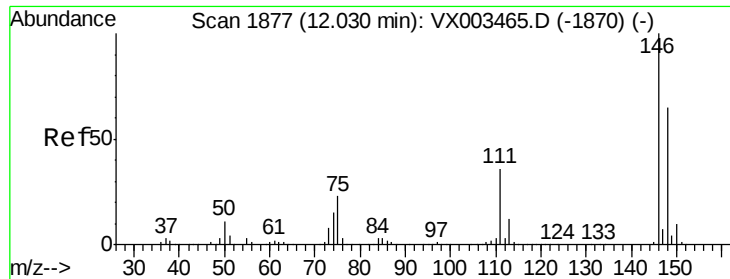


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

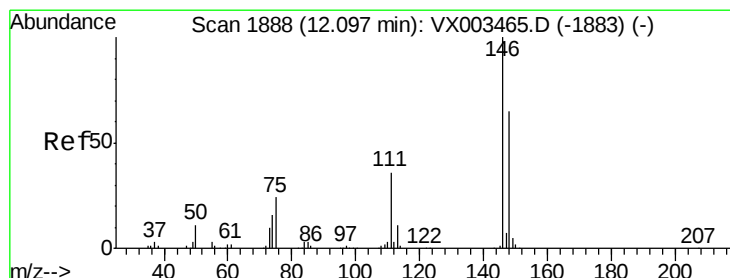
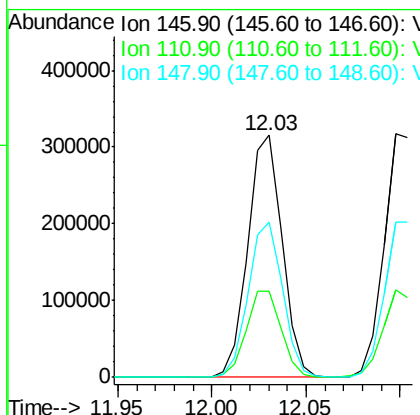
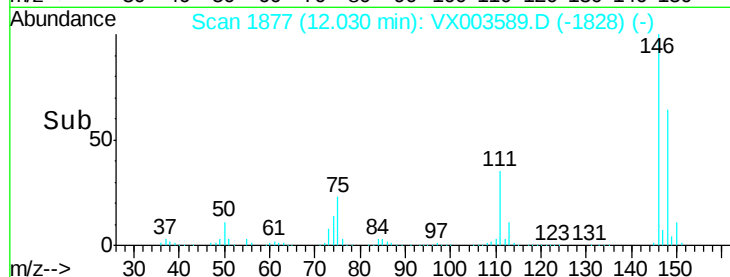
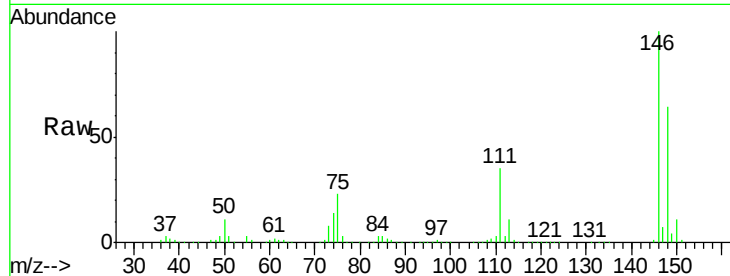




#87
 1,3-Dichlorobenzene
 Concen: 47.95 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

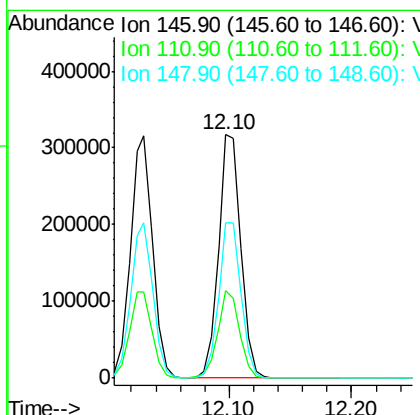
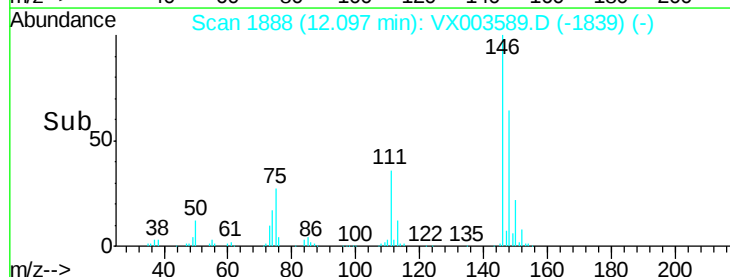
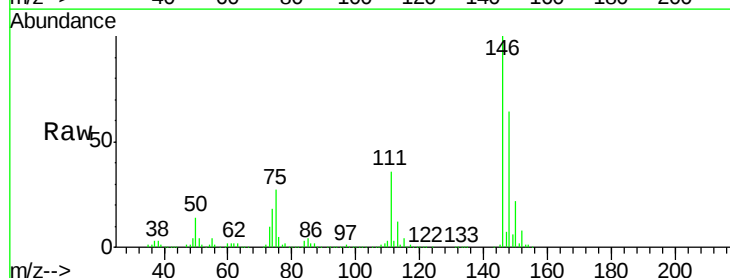
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

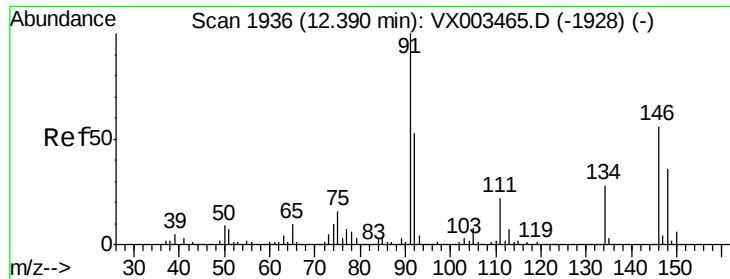
Tot Ion:146 Resp: 399593
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.9 56.7
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.90 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion:146 Resp: 402591
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.7 56.1
 148 64.3 32.4 97.0

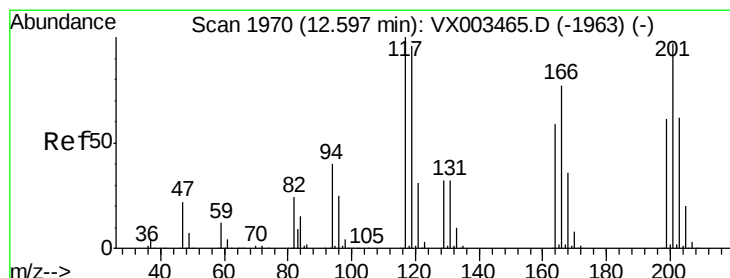
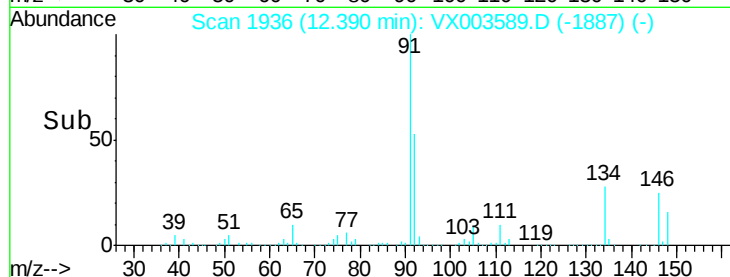
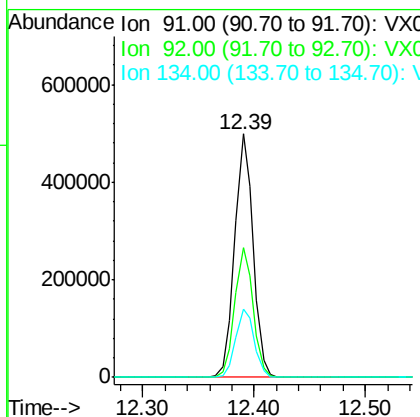
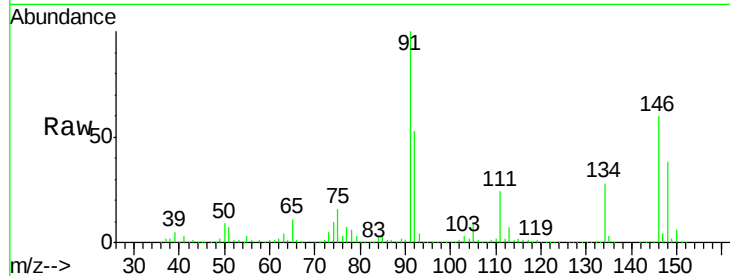




#89
n-Butylbenzene
Concen: 48.47 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

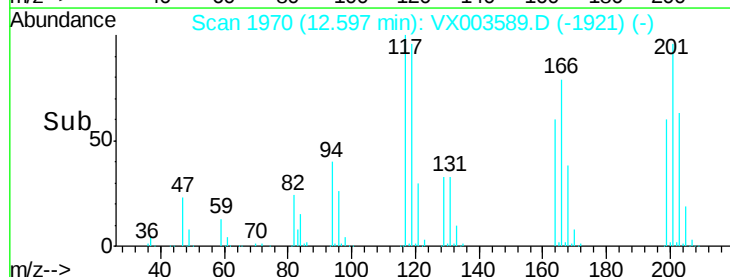
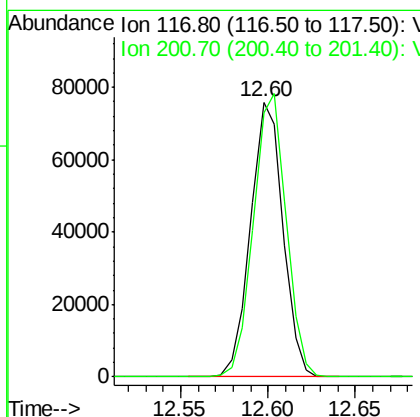
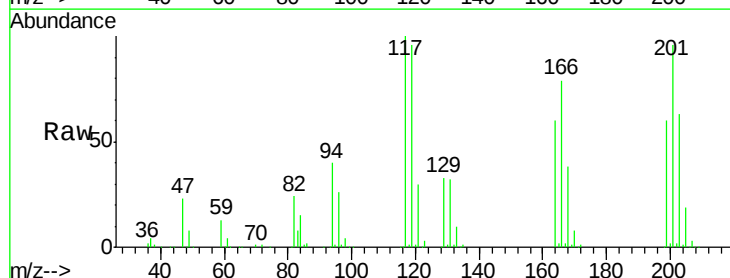
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

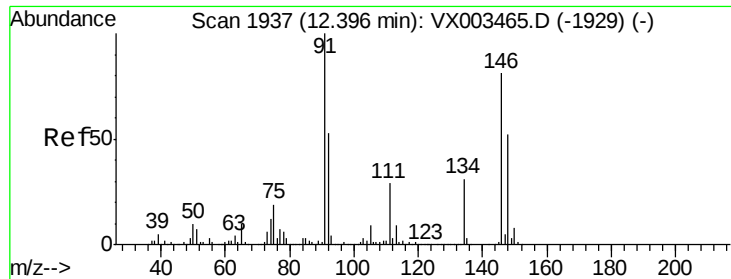
Tot Ion: 91 Resp: 569117
Ion Ratio Lower Upper
91 100
92 53.1 26.0 78.0
134 28.6 13.5 40.5



#90
Hexachloroethane
Concen: 49.74 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion: 117 Resp: 97771
Ion Ratio Lower Upper
117 100
201 103.8 49.0 147.0

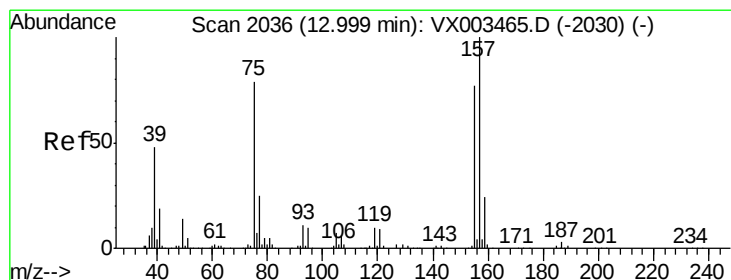
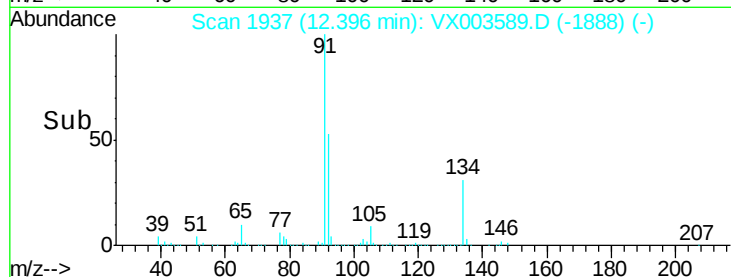
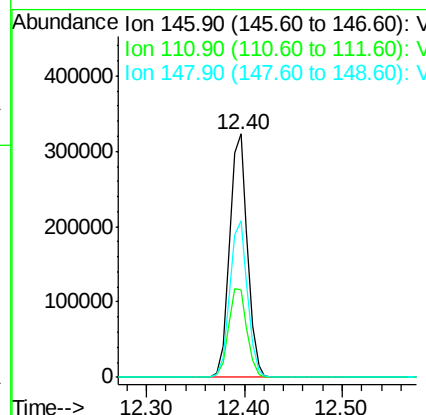
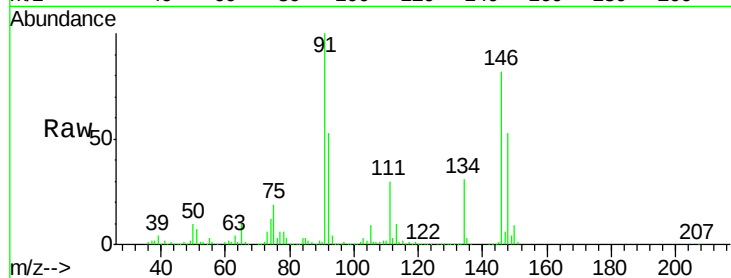




#91
 1,2-Dichlorobenzene
 Concen: 49.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

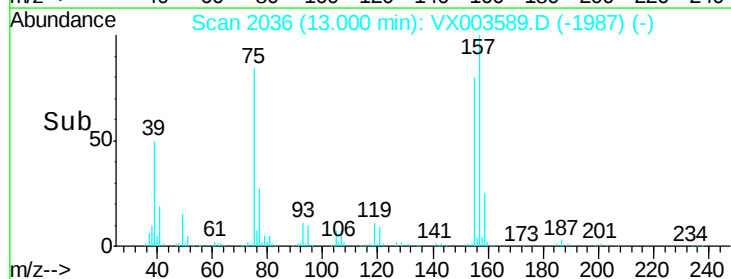
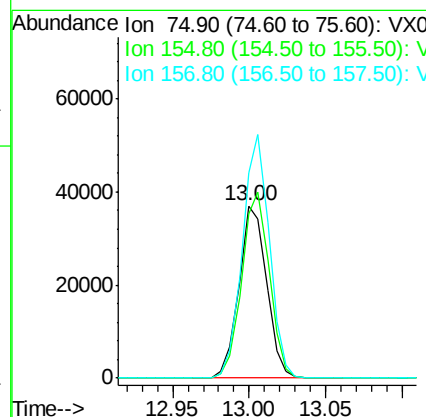
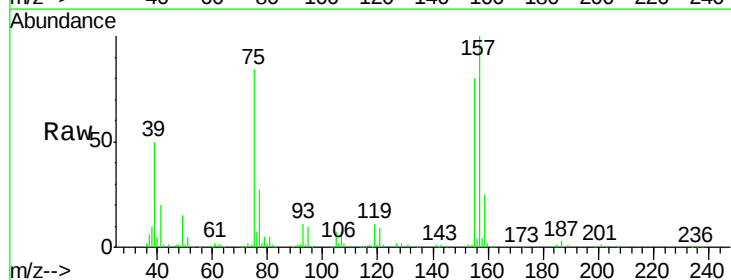
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

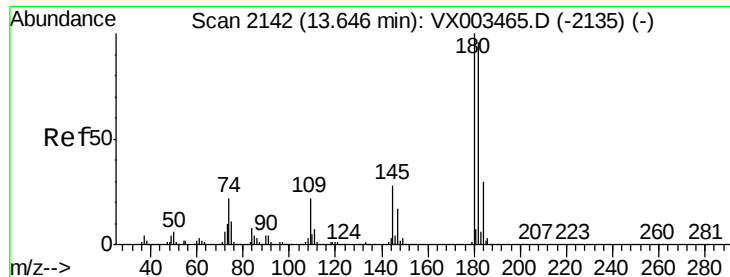
Tot Ion:146 Resp: 404506
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.4 58.1
 148 64.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.74 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion: 75 Resp: 46510
 Ion Ratio Lower Upper
 75 100
 155 107.2 45.8 137.4
 157 136.9 60.1 180.3

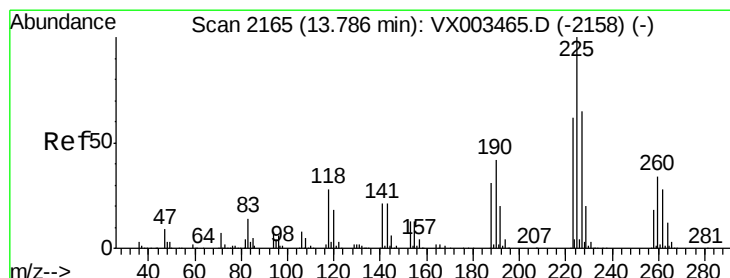
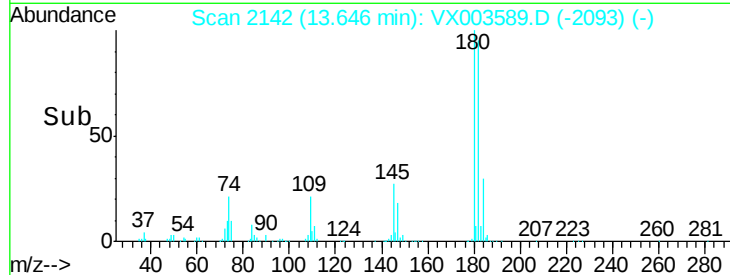
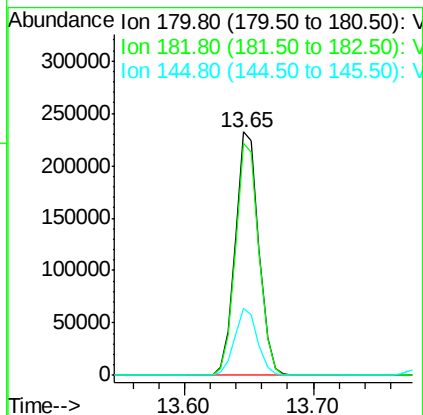
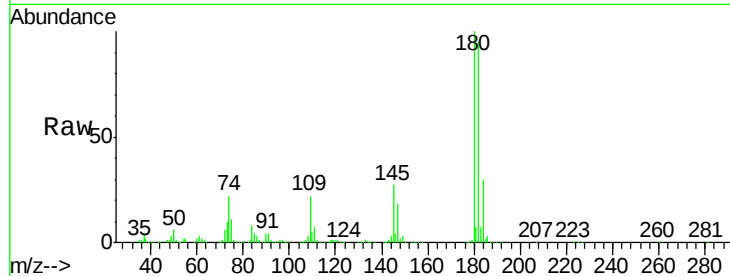




#93
 1,2,4-Trichlorobenzene
 Concen: 48.73 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

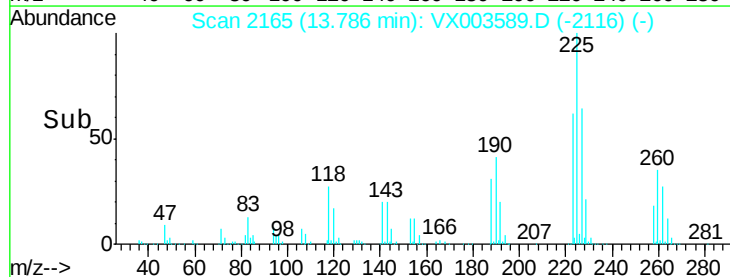
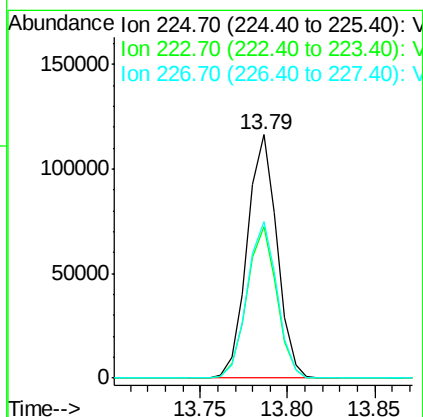
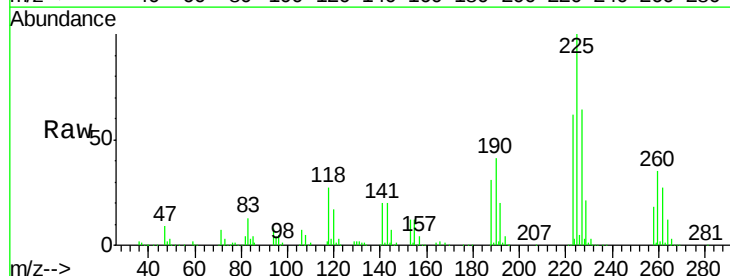
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

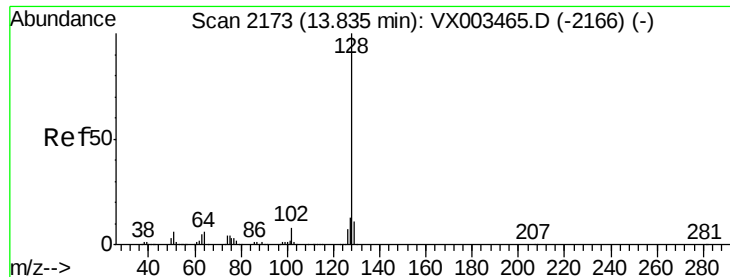
Tot Ion:180 Resp: 293323
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 27.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 47.44 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003589.D
 Acq: 22 Jul 2018 07:40

Tgt Ion:225 Resp: 137333
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 64.5 32.4 97.2

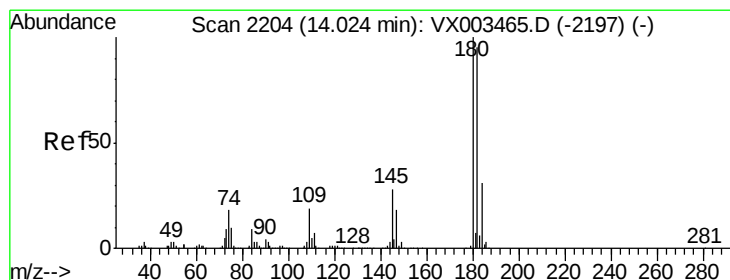
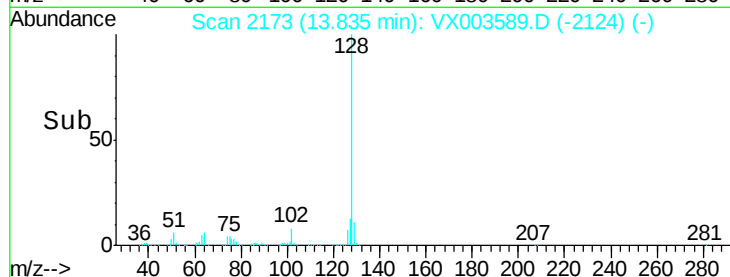
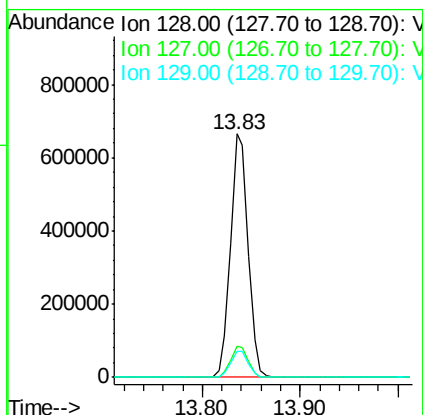
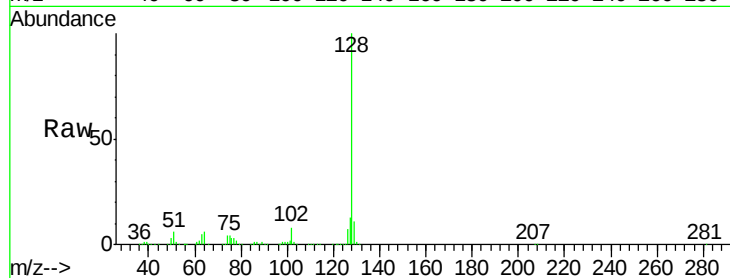




#95
Naphthalene
Concen: 52.21 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 825840
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.01 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003589.D
Acq: 22 Jul 2018 07:40

Tgt Ion:180 Resp: 298001
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 28.7 14.8 44.3

