

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
 Data File : VX000480.D
 Acq On : 28 Mar 2018 10:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 04:06:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	100470	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.51	113	79516	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.73	98	311121	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.15	95	128653	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	86187	52.56	ug/l	99
3) Chloromethane	1.32	50	79546	46.05	ug/l	96
4) Vinyl Chloride	1.40	62	97000	53.14	ug/l	97
5) Bromomethane	1.64	94	131580	60.20	ug/l	97
6) Chloroethane	1.72	64	60466	55.16	ug/l	95
7) Trichlorofluoromethane	1.93	101	160005	48.57	ug/l	100
8) Diethyl Ether	2.19	74	56650	48.12	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92271	50.23	ug/l	99
10) Methyl Iodide	2.51	142	72856	40.88	ug/l	99
11) Tert butyl alcohol	3.07	59	193994	290.39	ug/l	99
12) 1,1-Dichloroethene	2.38	96	81108	50.30	ug/l	97
13) Acrolein	2.30	56	57537	268.60	ug/l	99
14) Allyl chloride	2.73	41	145697	51.16	ug/l	98
15) Acrylonitrile	3.15	53	350494	259.04	ug/l	99
16) Acetone	2.45	43	459658	284.51	ug/l	98
17) Carbon Disulfide	2.57	76	221488	51.63	ug/l	98
18) Methyl Acetate	2.78	43	175216	51.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	286771	48.08	ug/l	97
20) Methylene Chloride	2.86	84	87031	46.64	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	87850	48.83	ug/l	98
22) Diisopropyl ether	3.87	45	281695	55.88	ug/l	98
23) Vinyl Acetate	3.83	43	1376917	288.11	ug/l	99
24) 1,1-Dichloroethane	3.70	63	156459	49.36	ug/l	98
25) 2-Butanone	4.71	43	496256	273.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	110621	49.80	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	80286	47.75	ug/l	99
28) Bromochloromethane	5.03	49	85089	65.10	ug/l	99
29) Tetrahydrofuran	5.17	42	324996	290.88	ug/l	99
30) Chloroform	5.22	83	161540	54.38	ug/l	96
31) Cyclohexane	5.58	56	130510	53.26	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	139811	52.17	ug/l	99
36) 1,1-Dichloropropene	5.81	75	119496	53.83	ug/l	98
37) Ethyl Acetate	4.87	43	160719	53.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	125608	53.94	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158420	58.68	ug/l	98
40) Benzene	6.15	78	358083	55.55	ug/l	99
41) Methacrylonitrile	5.07	41	82873	51.84	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138722	54.85	ug/l	99
43) Isopropyl Acetate	6.47	43	254914	56.48	ug/l	99
44) Trichloroethene	7.22	130	101137	54.77	ug/l	99
45) 1,2-Dichloropropane	7.52	63	93541	56.69	ug/l	99
46) Dibromomethane	7.67	93	70917	54.76	ug/l	97
47) Bromodichloromethane	7.90	83	134540	59.04	ug/l	99
48) Methyl methacrylate	7.79	41	126740	57.84	ug/l	99
49) 1,4-Dioxane	7.76	88	60007	1302.86	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1021209	292.32	ug/l	99
52) Toluene	8.79	92	244609	54.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	157678	59.72	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	151957	59.33	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	101487	54.76	ug/l	98
56) Ethyl methacrylate	9.19	69	159013	56.63	ug/l	99
57) 1,3-Dichloropropane	9.38	76	165774	55.93	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	273092	202.63	ug/l	98
59) 2-Hexanone	9.51	43	894474	301.54	ug/l	99
60) Dibromochloromethane	9.59	129	110426	50.32	ug/l	100
61) 1,2-Dibromoethane	9.68	107	109466	55.08	ug/l	99
64) Tetrachloroethene	9.34	164	97804	54.01	ug/l	95
65) Chlorobenzene	10.15	112	283561	54.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	101568	57.58	ug/l	98
67) Ethyl Benzene	10.26	91	492657	55.96	ug/l	99
68) m/p-Xylenes	10.37	106	406112	117.23	ug/l	100
69) o-Xylene	10.71	106	191734	57.16	ug/l	99
70) Styrene	10.72	104	339205	61.12	ug/l	97
71) Bromoform	10.87	173	89698	48.92	ug/l #	97
73) Isopropylbenzene	11.02	105	544959	50.90	ug/l	100
74) N-amyl acetate	6.47	43	254914	54.95	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	192525	50.84	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	228937	65.92	ug/l	84
77) Bromobenzene	11.26	156	136205	47.75	ug/l	100
78) n-propylbenzene	11.37	91	652835	51.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	369763	50.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	496023	55.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	58502	54.54	ug/l	99
82) 4-Chlorotoluene	11.52	91	473655	53.79	ug/l	99
83) tert-Butylbenzene	11.78	119	474555	52.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	504997	53.50	ug/l	99
85) sec-Butylbenzene	11.95	105	619485	55.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	561181	56.24	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	283323	52.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	304434	53.77	ug/l	98
89) n-Butylbenzene	12.40	91	527195	56.75	ug/l	99
90) Hexachloroethane	12.60	117	85054	54.16	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	283767	53.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55789	52.82	ug/l	96

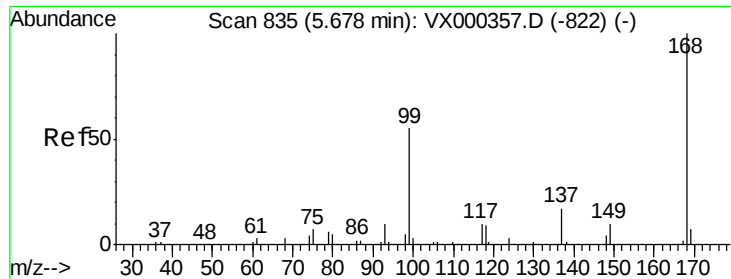
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194256	51.25	ug/l	100
94) Hexachlorobutadiene	13.79	225	87493	55.75	ug/l	98
95) Naphthalene	13.84	128	692880	52.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	196009	52.33	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

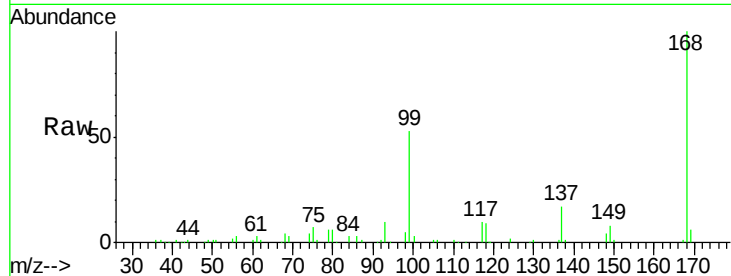
VSTDCCC050

Tgt Ion:168 Resp: 148781

Ion Ratio Lower Upper

168 100

99 53.3 45.8 68.6

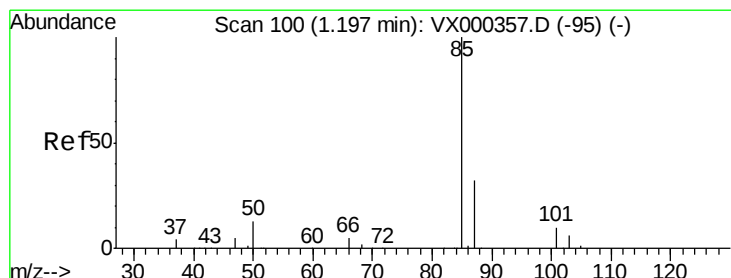
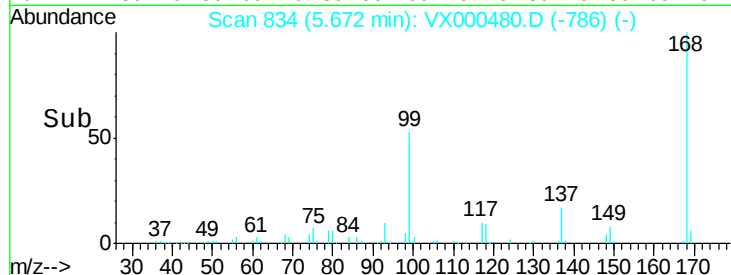


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 52.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000480.D

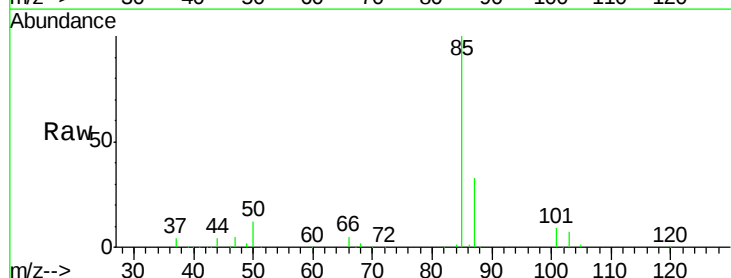
Acq: 28 Mar 2018 10:45

Tgt Ion: 85 Resp: 86187

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.3

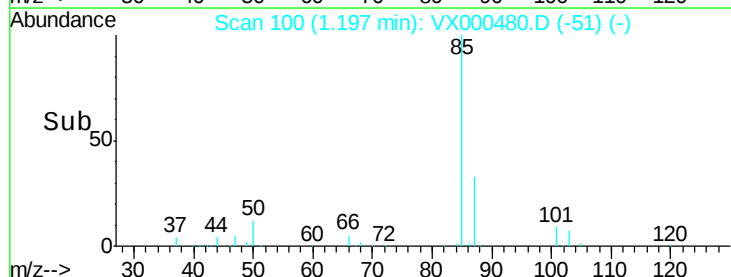


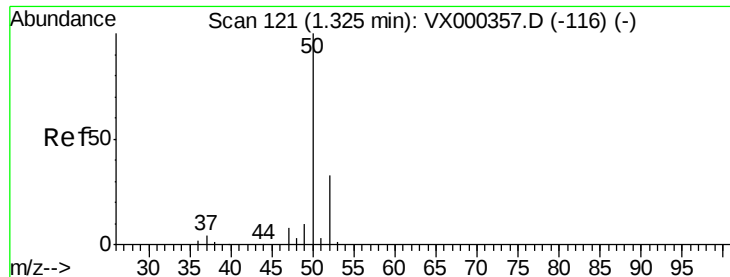
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 46.05 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

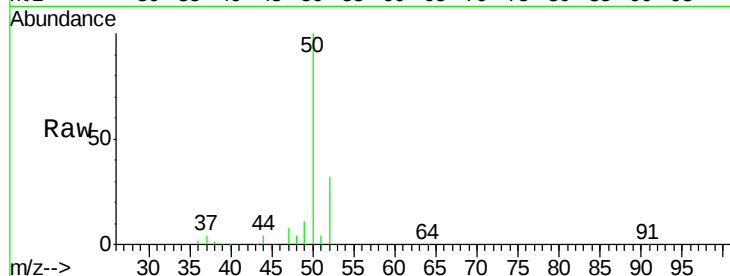
VSTDCCC050

Tgt Ion: 50 Resp: 79546

Ion Ratio Lower Upper

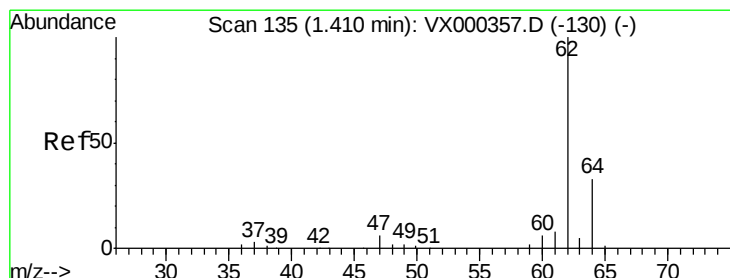
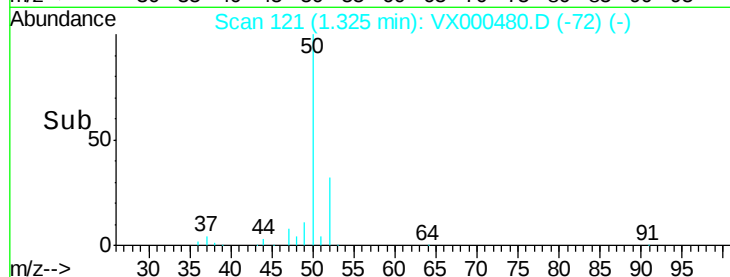
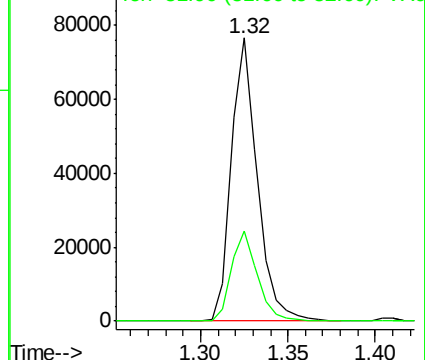
50 100

52 31.9 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000480.D

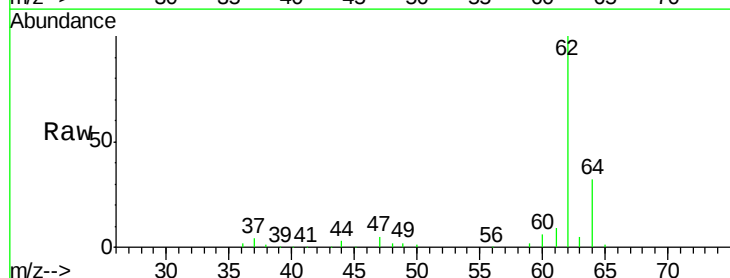
Acq: 28 Mar 2018 10:45

Tgt Ion: 62 Resp: 97000

Ion Ratio Lower Upper

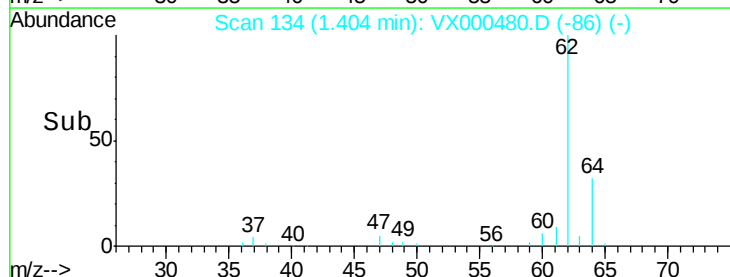
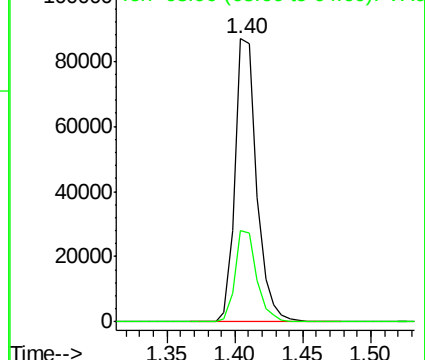
62 100

64 32.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 60.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampled :

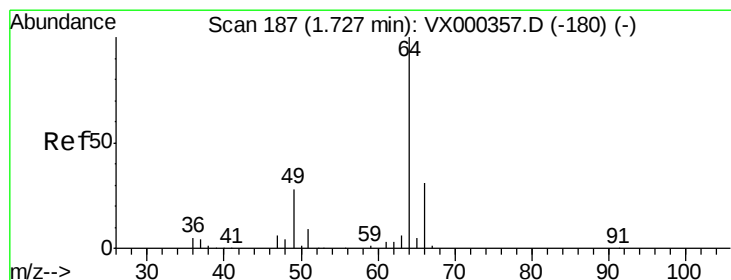
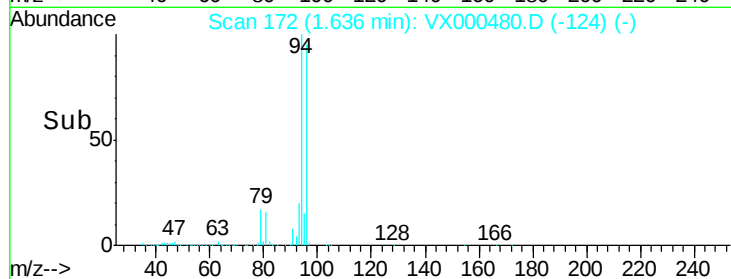
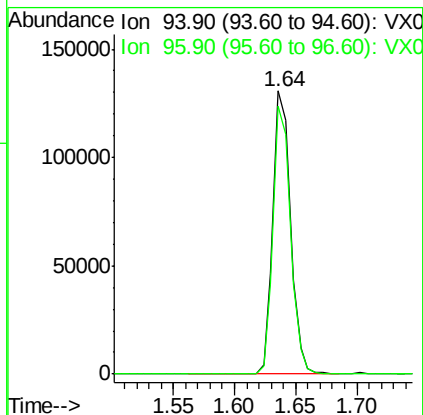
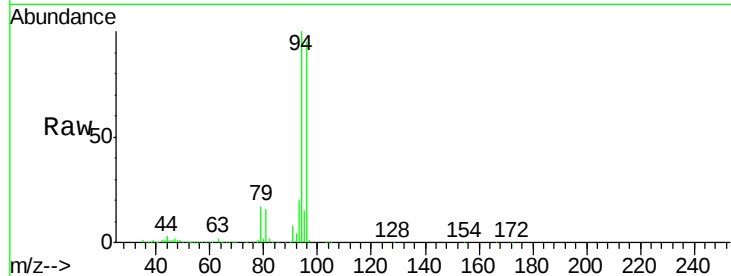
VSTDCCC050

Tgt Ion: 94 Resp: 131580

Ion Ratio Lower Upper

94 100

96 94.6 77.7 116.5



#6

Chloroethane

Concen: 55.16 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000480.D

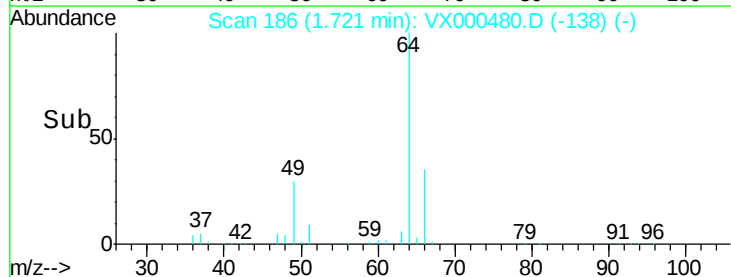
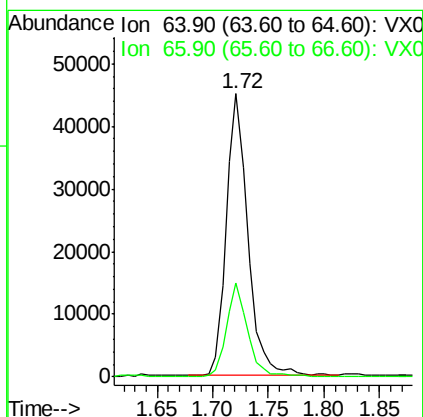
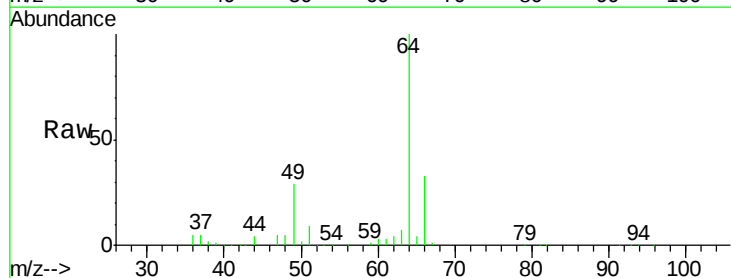
Acq: 28 Mar 2018 10:45

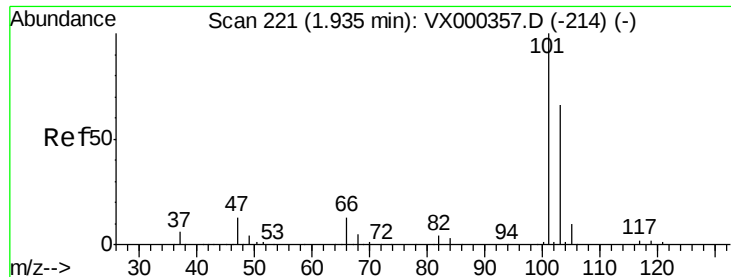
Tgt Ion: 64 Resp: 60466

Ion Ratio Lower Upper

64 100

66 33.5 24.8 37.2



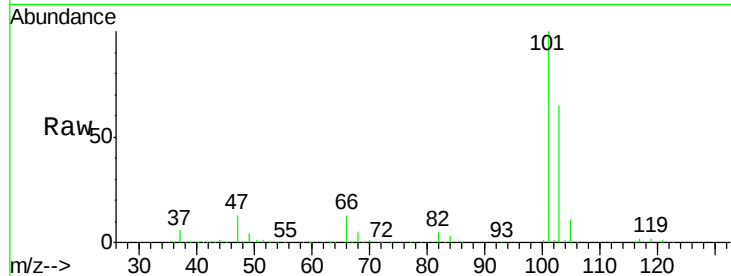


#7

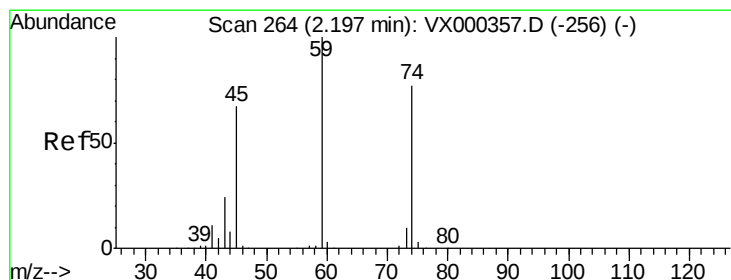
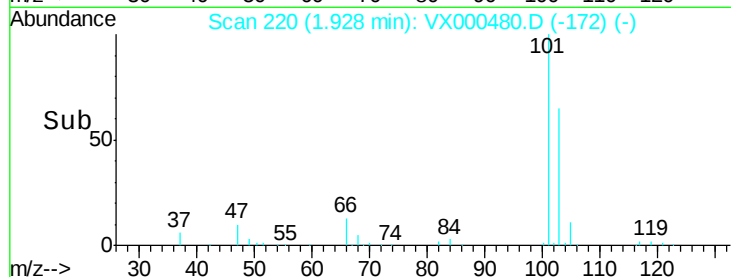
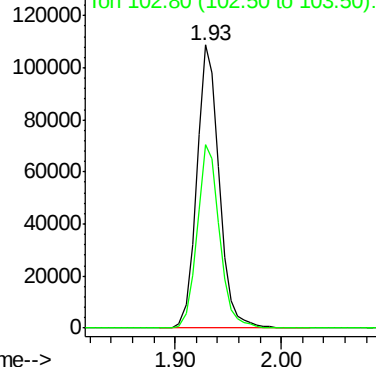
Trichlorofluoromethane
Concen: 48.57 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 160005
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4



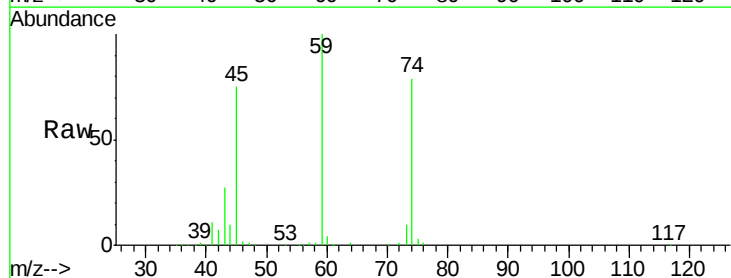
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



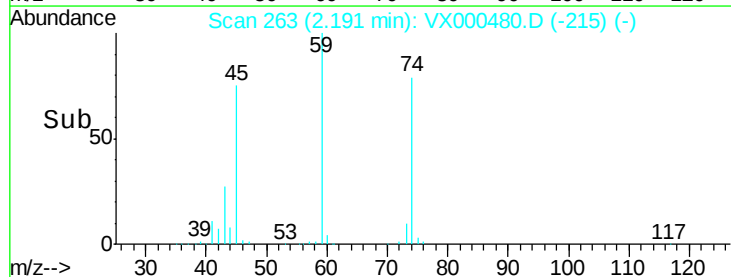
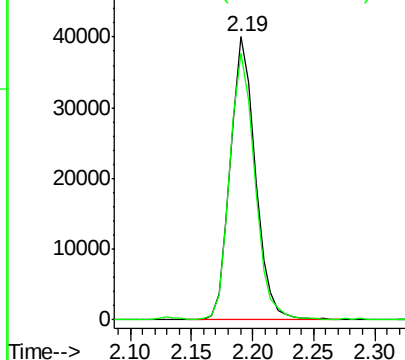
#8

Diethyl Ether
Concen: 48.12 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 74 Resp: 56650
Ion Ratio Lower Upper
74 100
45 93.6 45.1 135.3



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: 50.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

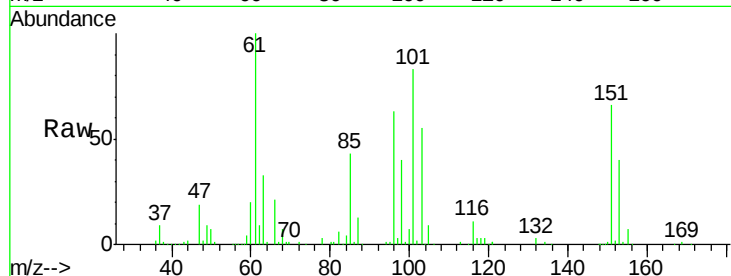
Tgt Ion:101 Resp: 92271

Ion Ratio Lower Upper

101 100

85 48.5 37.6 56.4

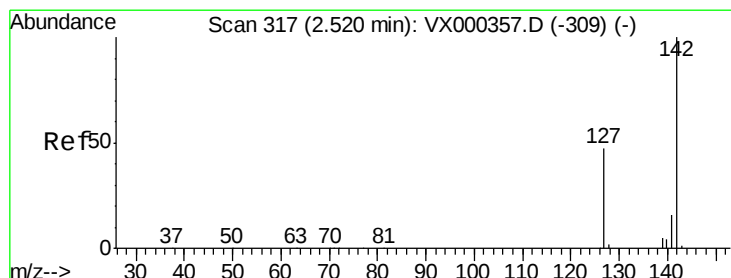
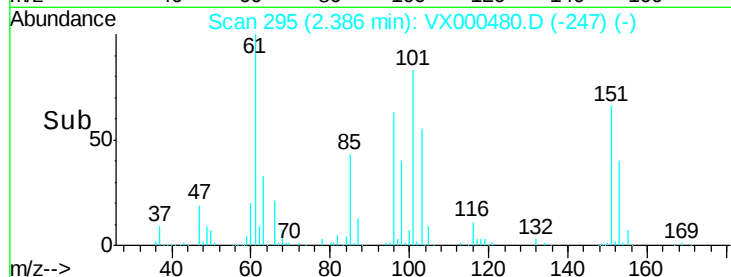
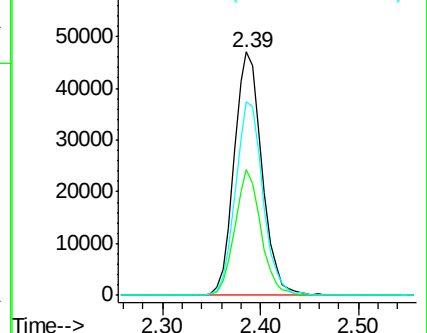
151 78.8 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.88 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

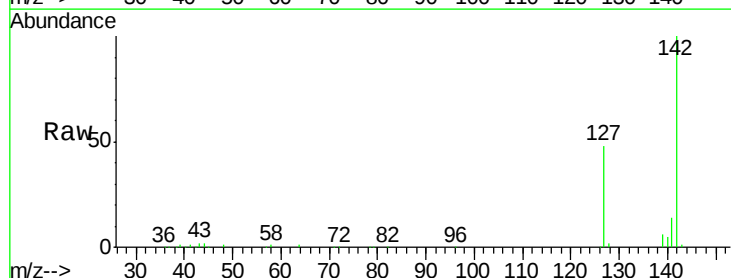
Tgt Ion:142 Resp: 72856

Ion Ratio Lower Upper

142 100

127 49.7 39.2 58.8

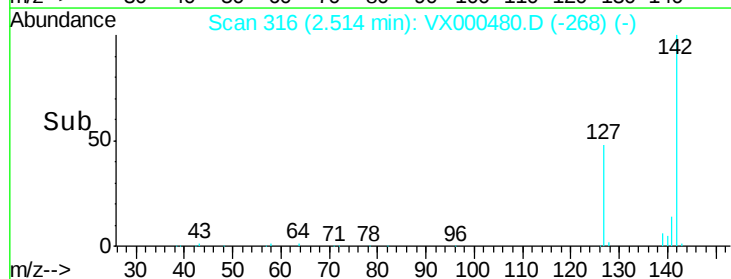
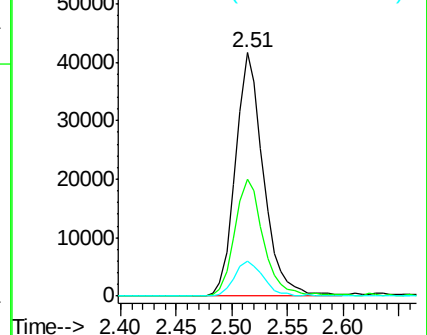
141 15.0 11.7 17.5

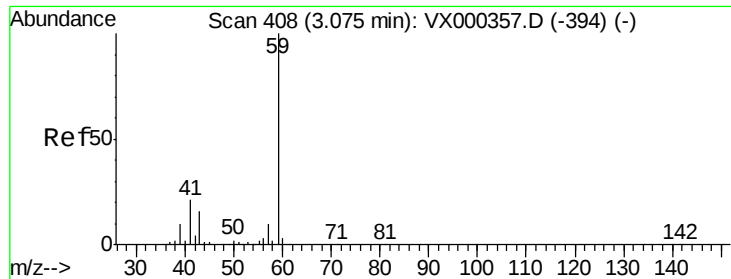


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

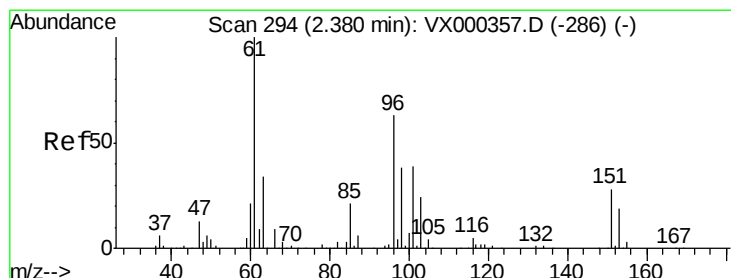
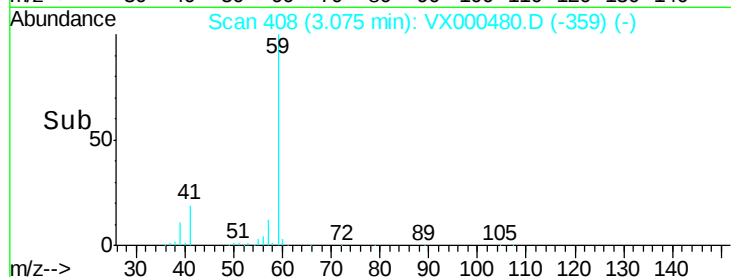
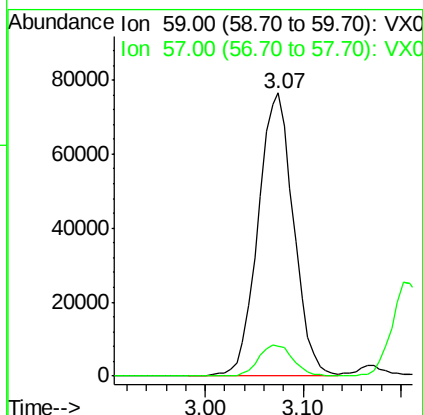
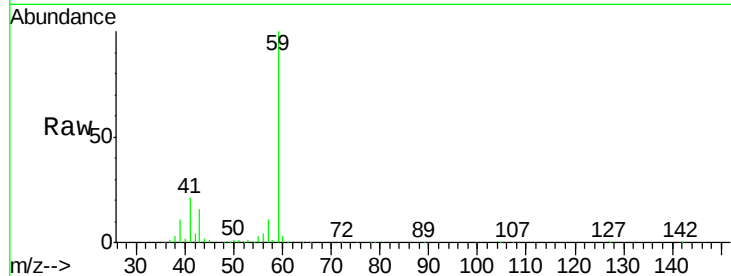




#11
Tert butyl alcohol
Concen: 290.39 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

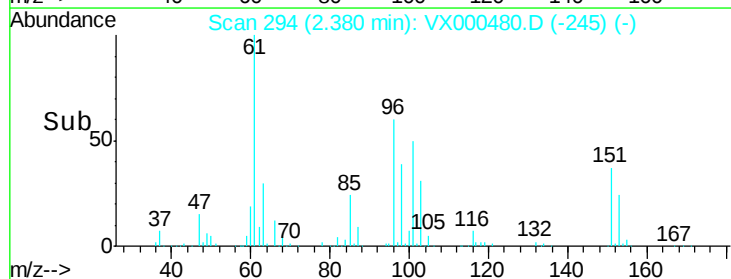
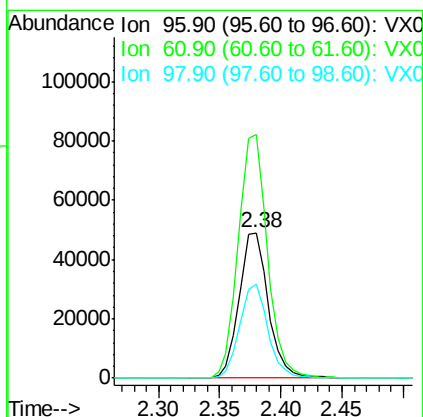
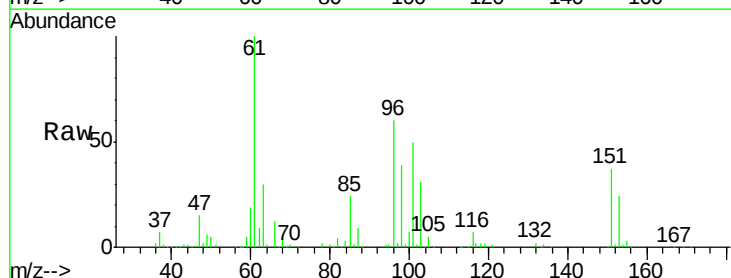
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

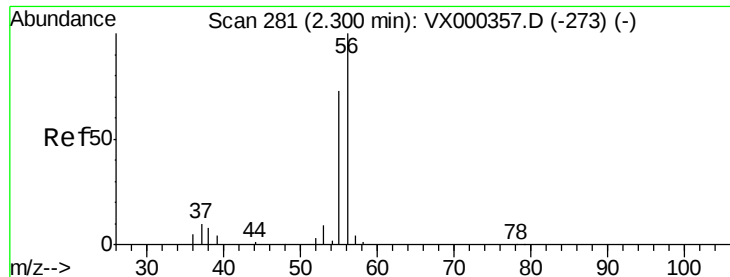
Tgt Ion: 59 Resp: 193994
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.30 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 96 Resp: 81108
Ion Ratio Lower Upper
96 100
61 167.7 131.2 196.8
98 64.6 49.8 74.8





#13

Acrolein

Concen: 268.60 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

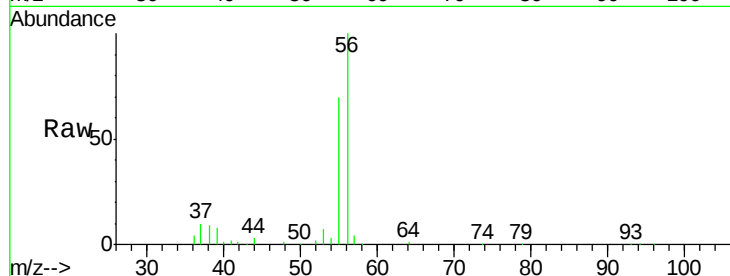
VSTDCCC050

Tgt Ion: 56 Resp: 57537

Ion Ratio Lower Upper

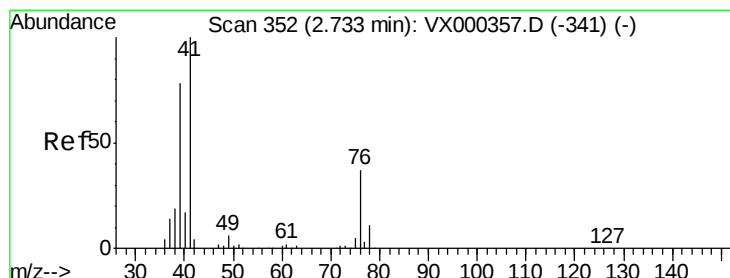
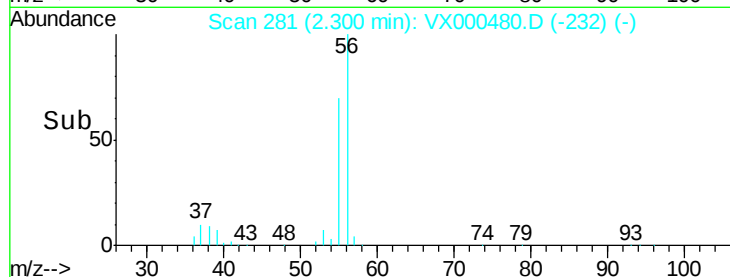
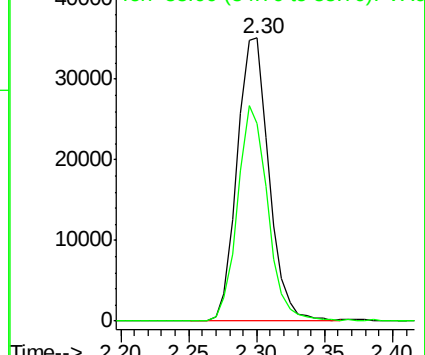
56 100

55 72.3 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.16 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

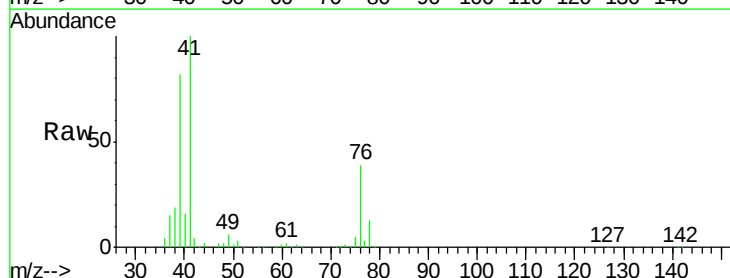
Tgt Ion: 41 Resp: 145697

Ion Ratio Lower Upper

41 100

39 74.2 57.6 86.4

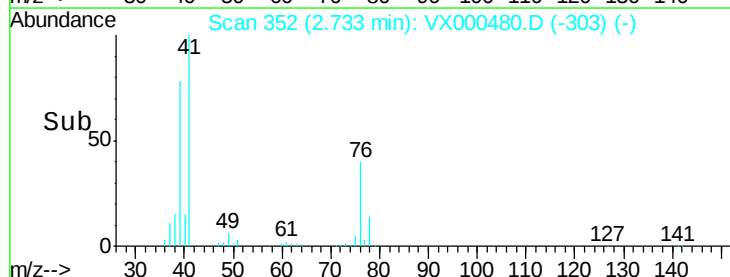
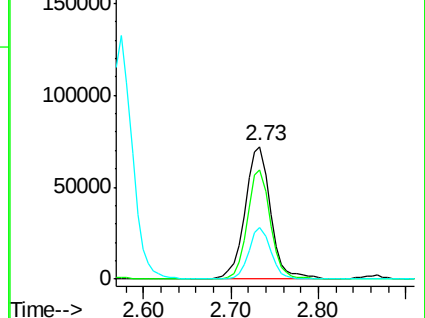
76 33.8 27.3 40.9

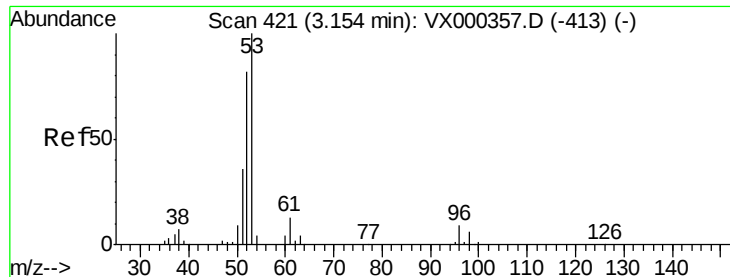


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 259.04 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

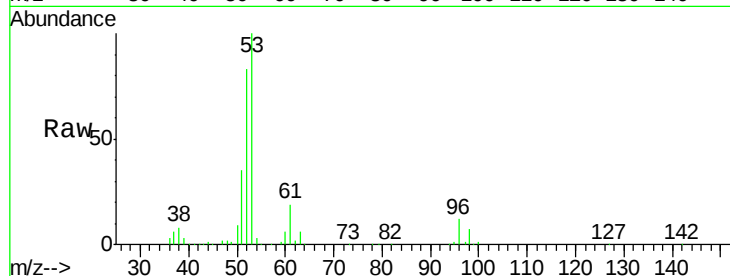
Tgt Ion: 53 Resp: 350494

Ion Ratio Lower Upper

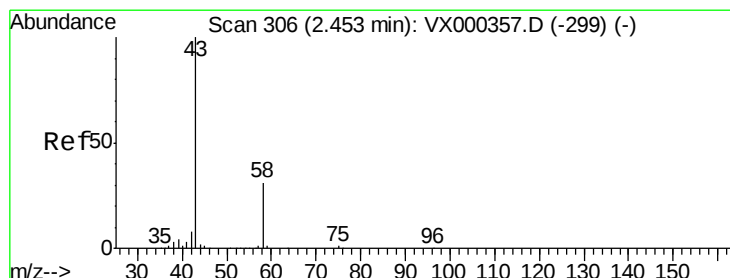
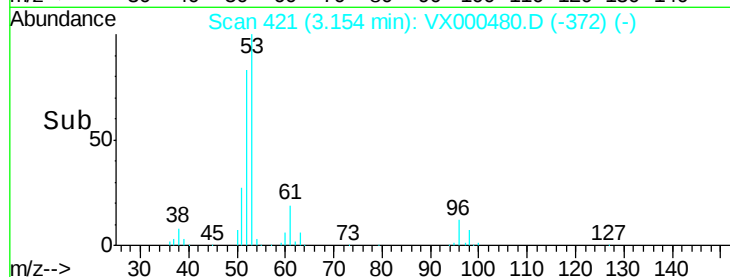
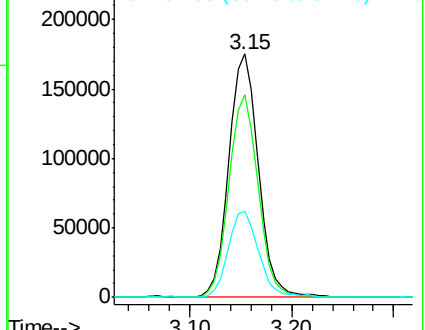
53 100

52 82.5 66.6 99.8

51 36.7 29.3 43.9



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: 284.51 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000480.D

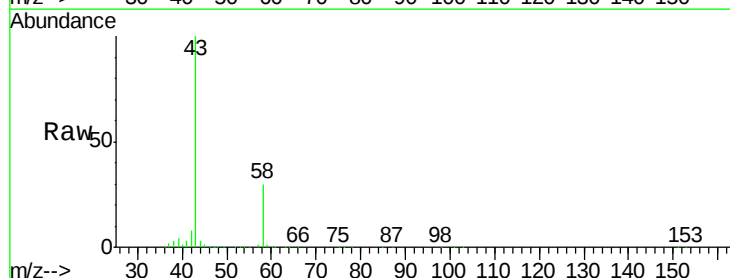
Acq: 28 Mar 2018 10:45

Tgt Ion: 43 Resp: 459658

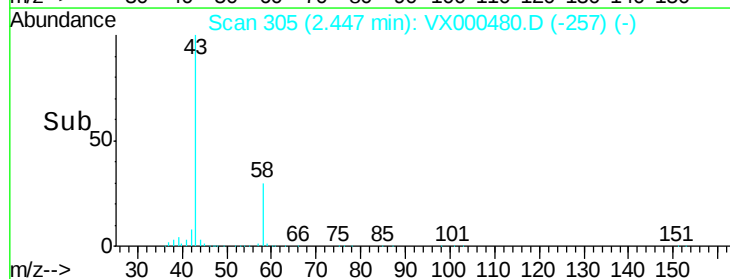
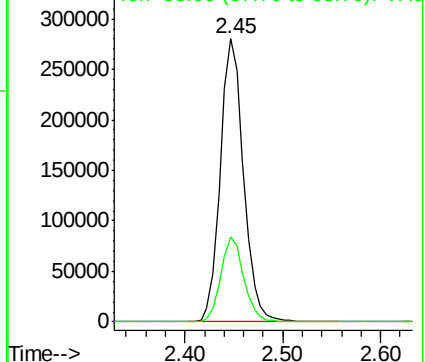
Ion Ratio Lower Upper

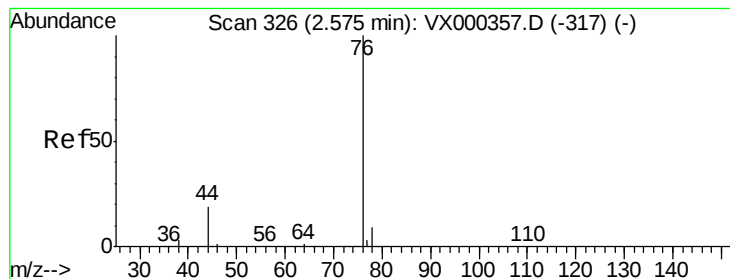
43 100

58 29.9 24.7 37.1



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





#17

Carbon Disulfide

Concen: 51.63 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

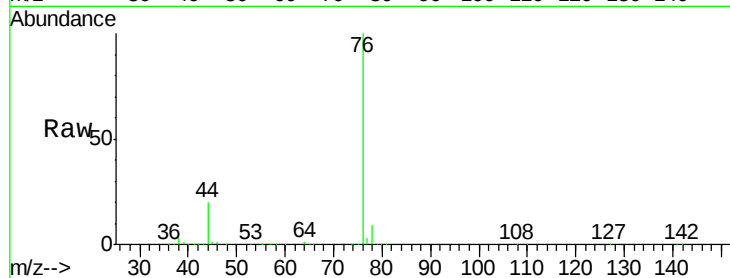
VSTDCCC050

Tgt Ion: 76 Resp: 221488

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

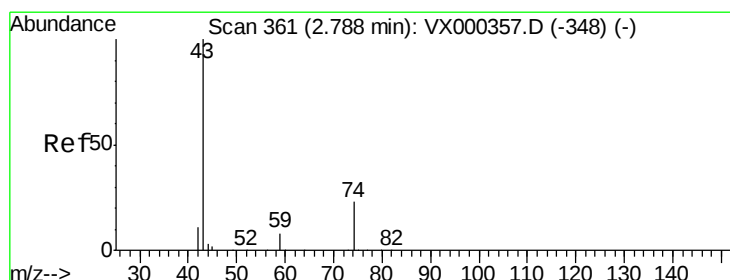
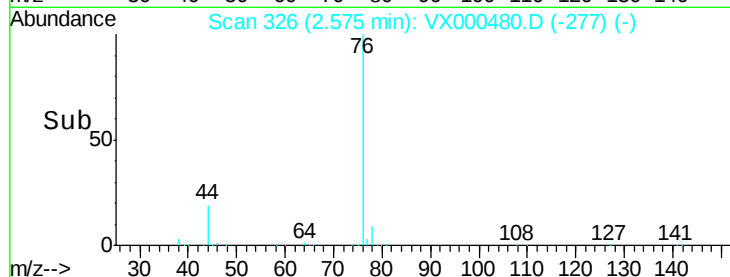
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.73 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000480.D

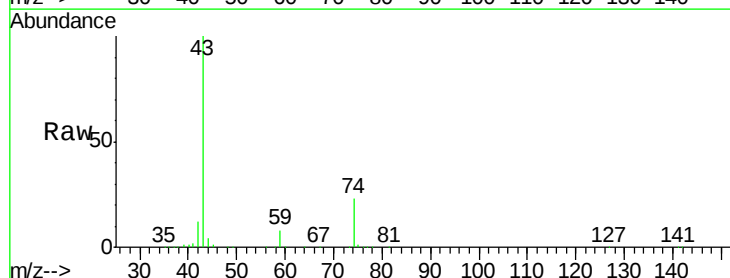
Acq: 28 Mar 2018 10:45

Tgt Ion: 43 Resp: 175216

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

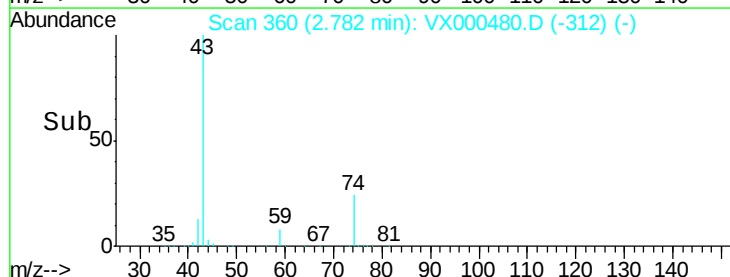
60000

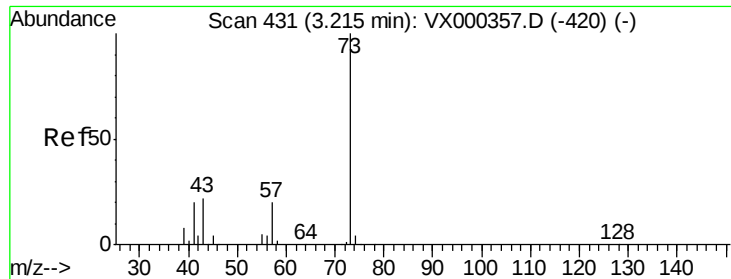
40000

20000

0

Time-->

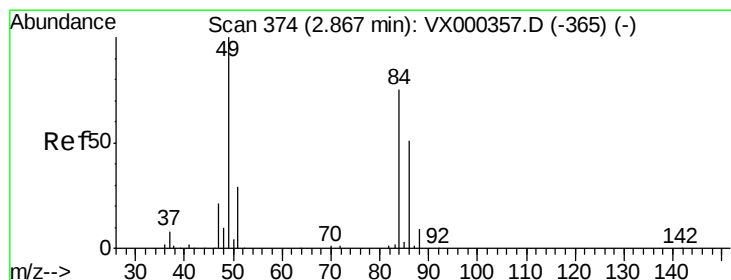
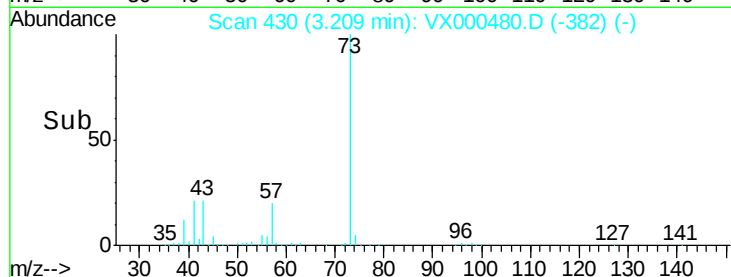
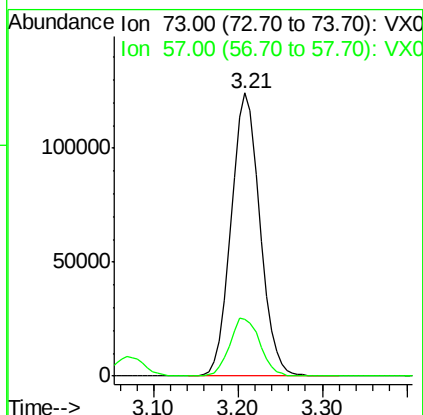
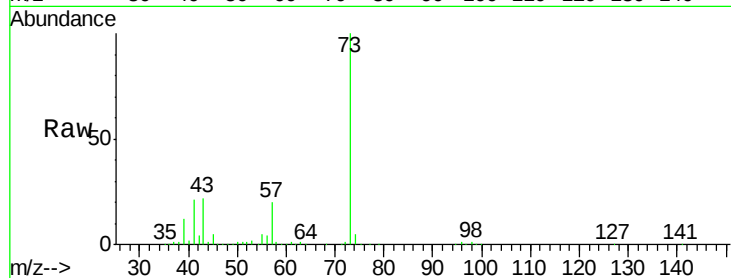




#19
Methyl tert-butyl Ether
Concen: 48.08 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

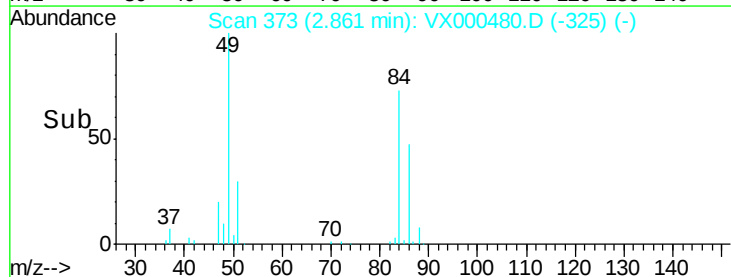
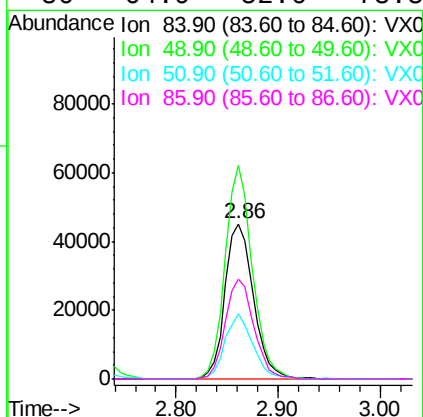
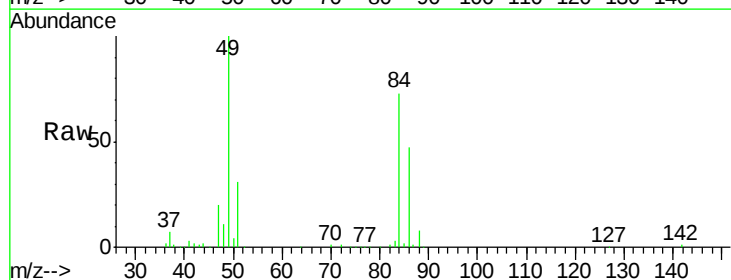
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 286771
Ion Ratio Lower Upper
73 100
57 20.2 17.2 25.8



#20
Methylene Chloride
Concen: 46.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 84 Resp: 87031
Ion Ratio Lower Upper
84 100
49 137.6 100.6 151.0
51 42.1 31.6 47.4
86 64.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.83 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

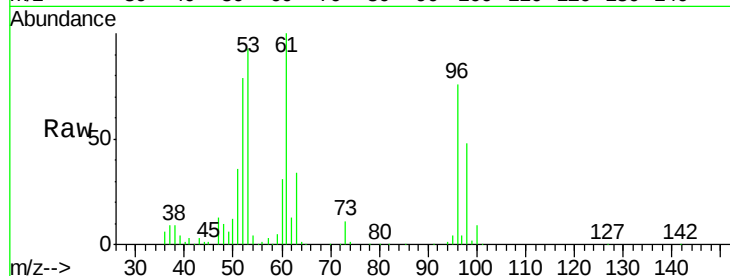
Tgt Ion: 96 Resp: 87850

Ion Ratio Lower Upper

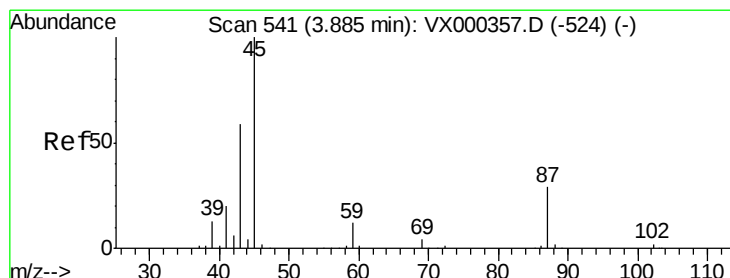
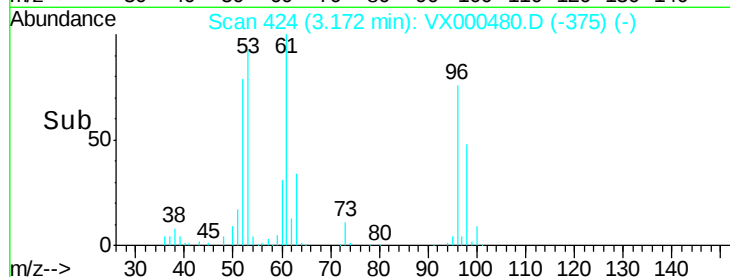
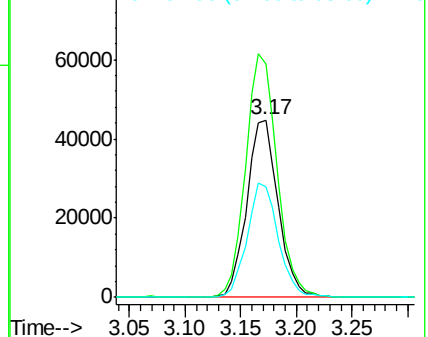
96 100

61 131.5 104.0 156.0

98 62.5 52.1 78.1



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: 55.88 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion: 45 Resp: 281695

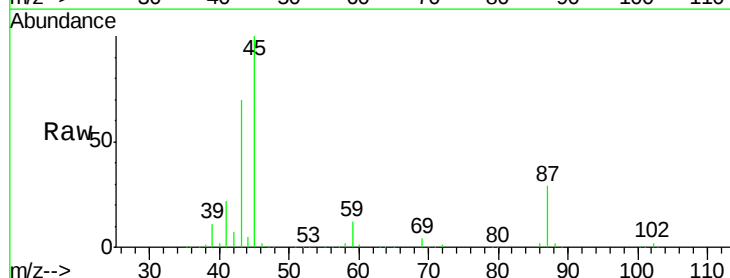
Ion Ratio Lower Upper

45 100

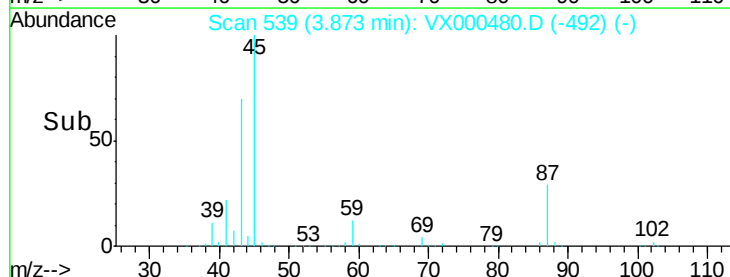
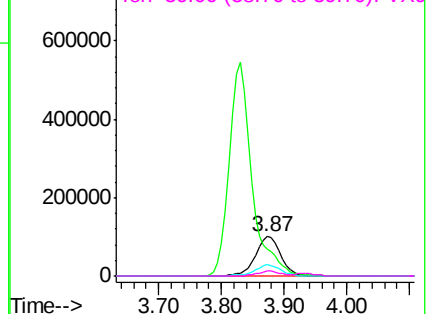
43 69.6 53.9 80.9

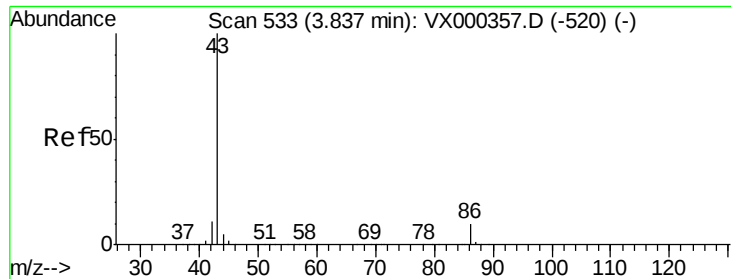
87 28.9 22.6 34.0

59 11.8 9.5 14.3



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: 288.11 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

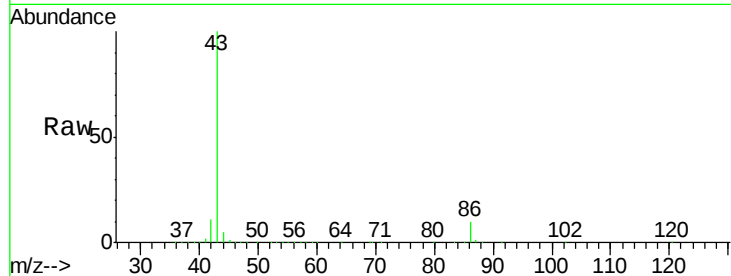
VSTDCCC050

Tgt Ion: 43 Resp: 1376917

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

600000

500000

400000

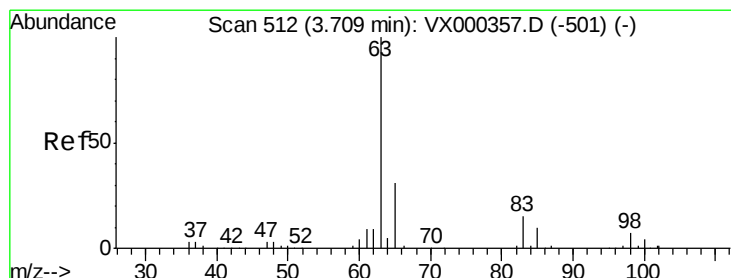
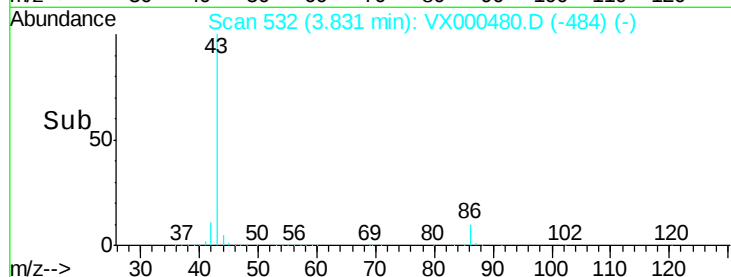
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

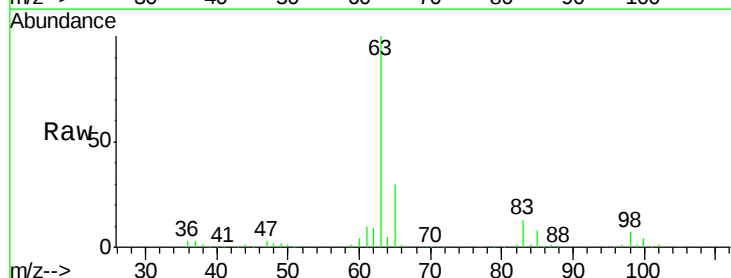
Tgt Ion: 63 Resp: 156459

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.3 2.0 5.8



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

80000

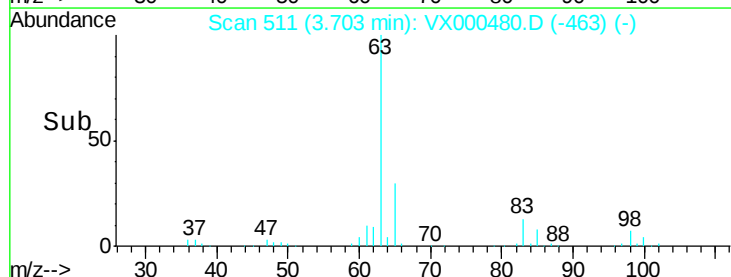
60000

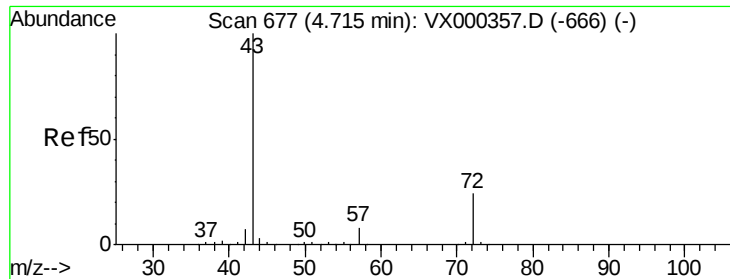
40000

20000

0

Time-->





#25

2-Butanone

Concen: 273.28 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

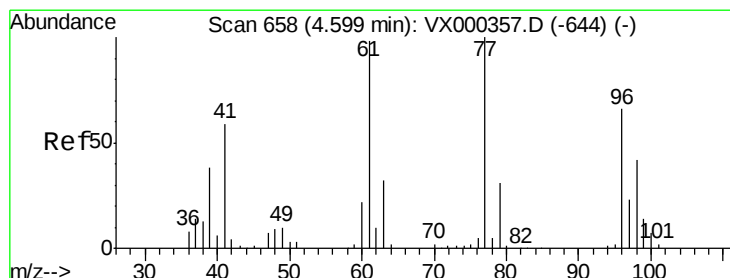
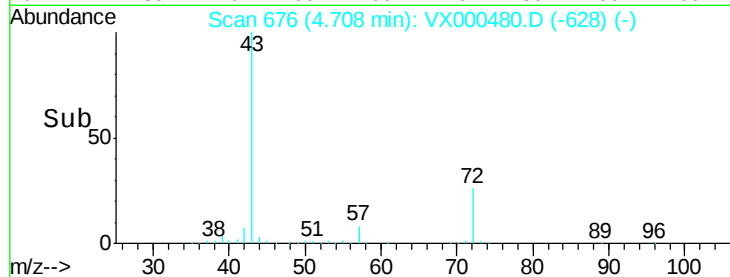
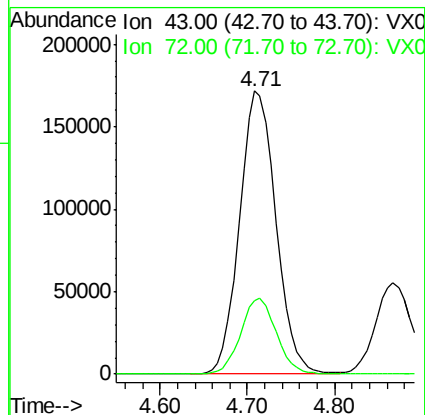
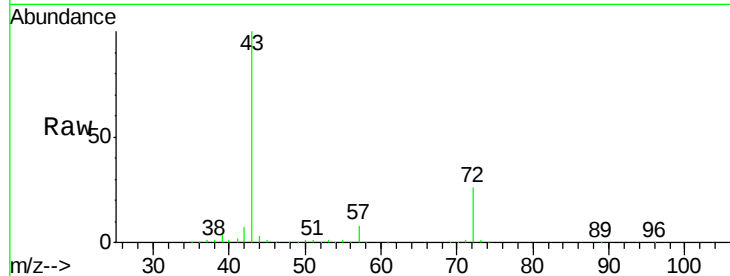
VSTDCCC050

Tgt Ion: 43 Resp: 496256

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 49.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000480.D

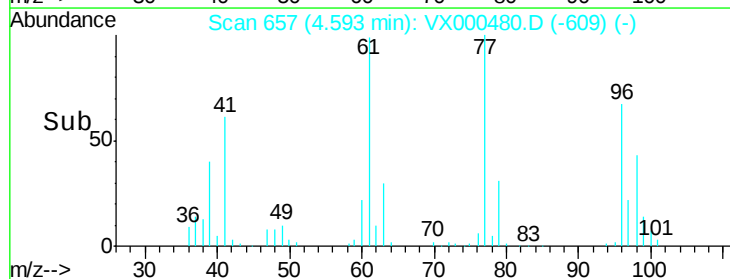
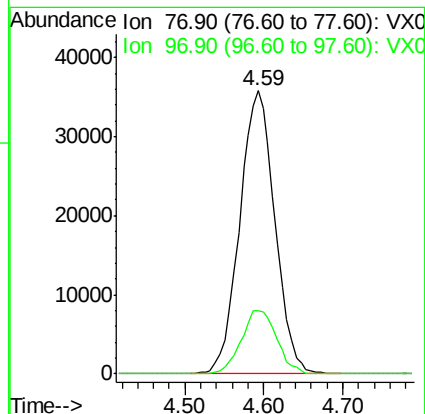
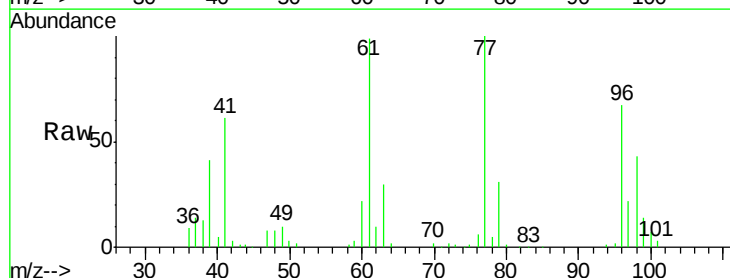
Acq: 28 Mar 2018 10:45

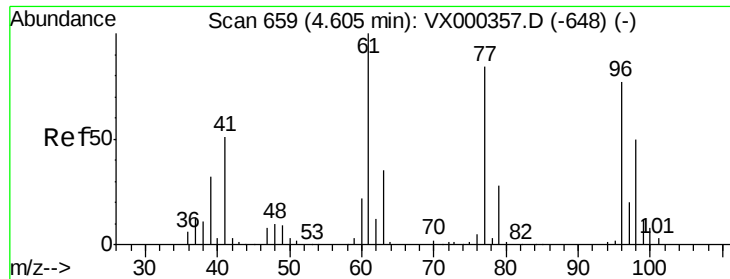
Tgt Ion: 77 Resp: 110621

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8



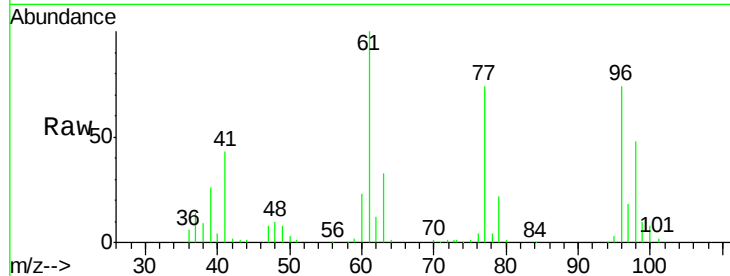


#27

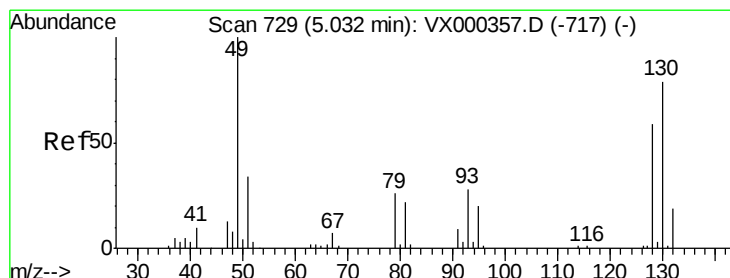
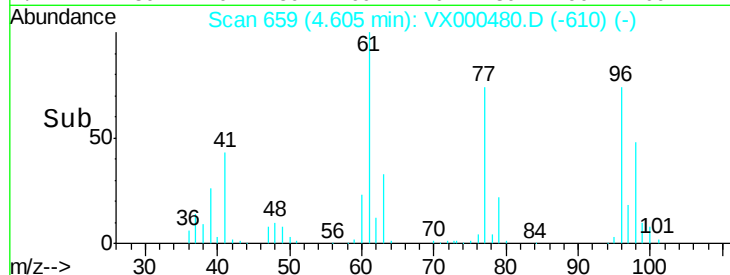
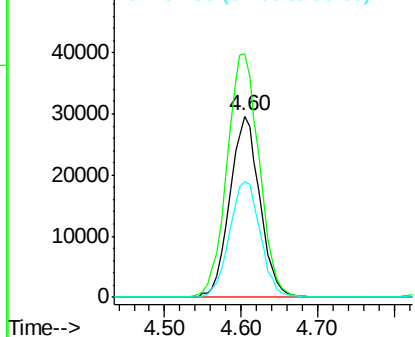
cis-1,2-Dichloroethene
Concen: 47.75 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 80286
Ion Ratio Lower Upper
96 100
61 144.6 0.0 291.6
98 65.8 0.0 132.0



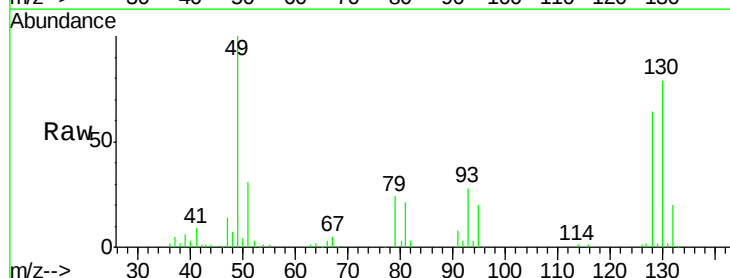
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



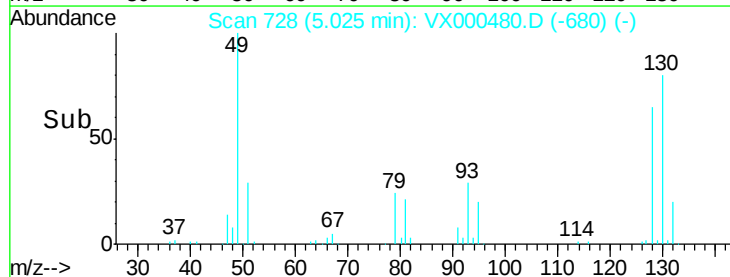
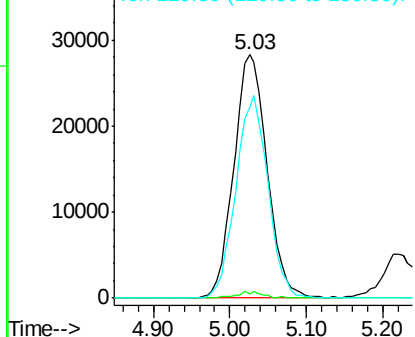
#28

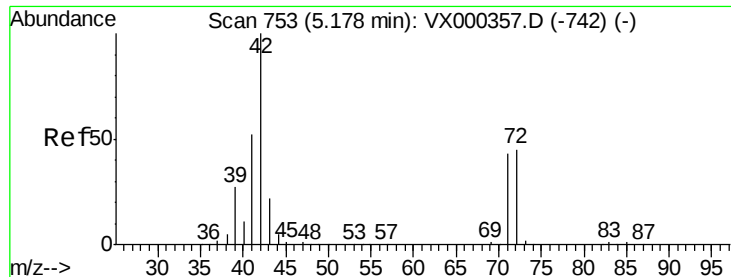
Bromochloromethane
Concen: 65.10 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 49 Resp: 85089
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.0
130 80.7 64.0 96.0



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

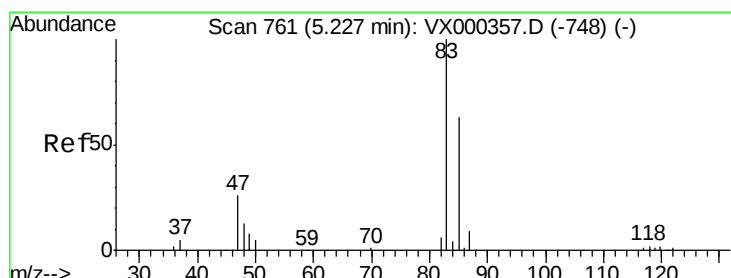
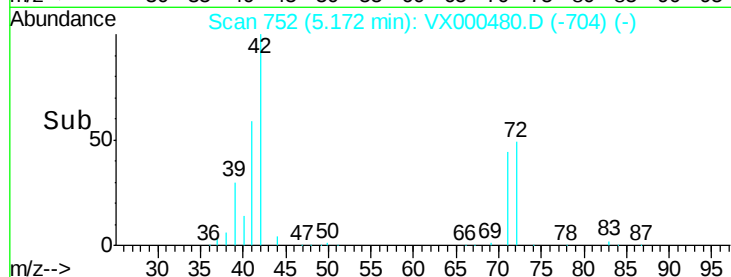
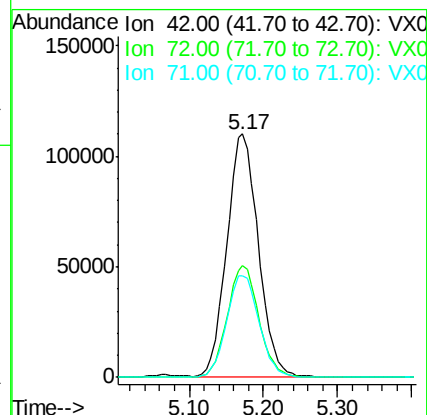
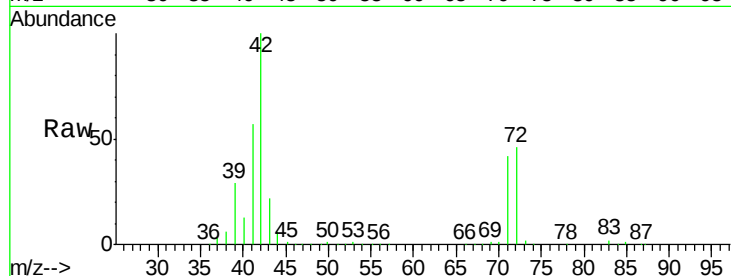




#29
Tetrahydrofuran
Concen: 290.88 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

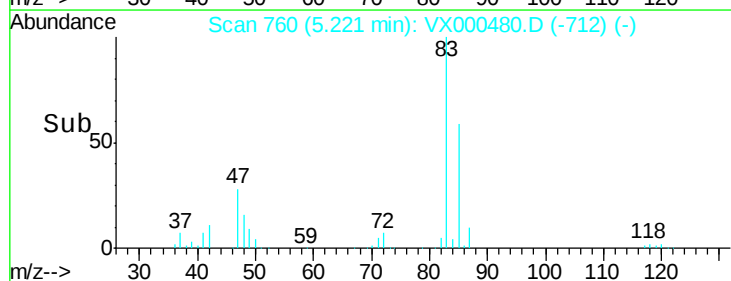
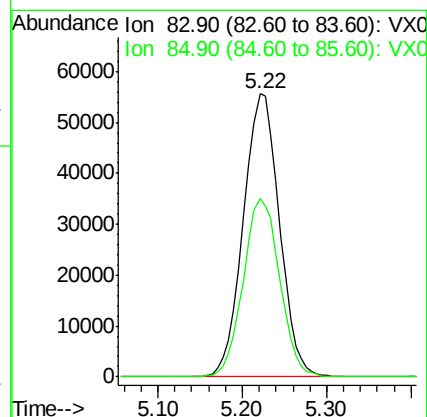
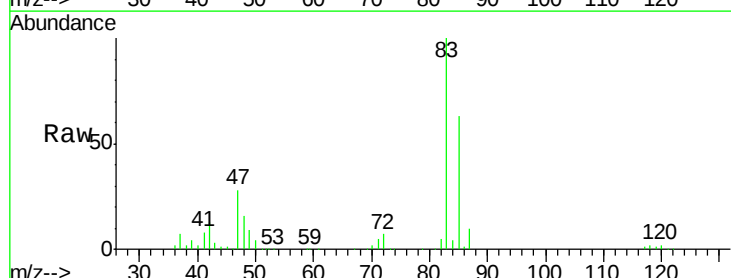
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

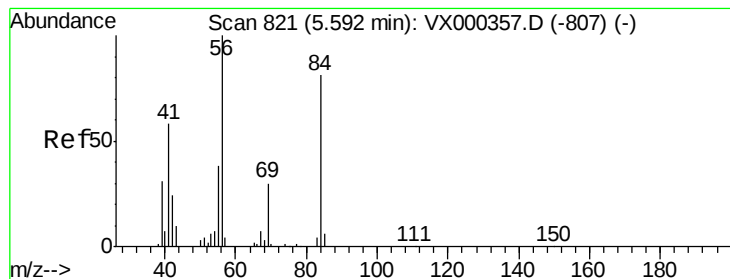
Tgt Ion: 42 Resp: 324996
Ion Ratio Lower Upper
42 100
72 46.1 37.9 56.9
71 43.0 34.4 51.6



#30
Chloroform
Concen: 54.38 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 83 Resp: 161540
Ion Ratio Lower Upper
83 100
85 63.2 53.3 79.9





#31

Cyclohexane

Concen: 53.26 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

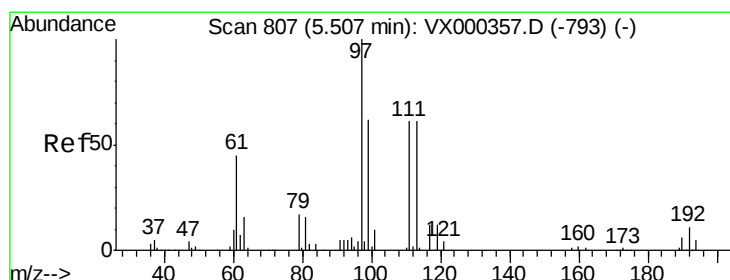
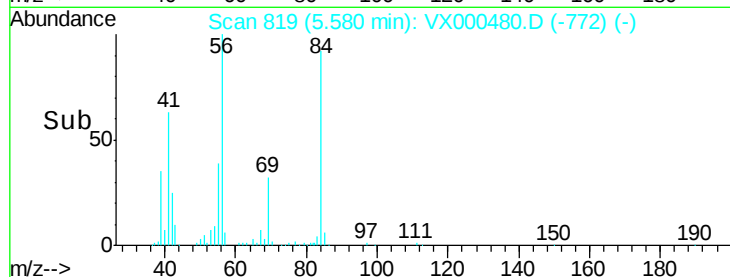
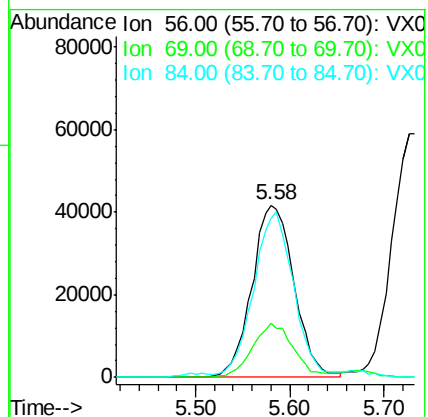
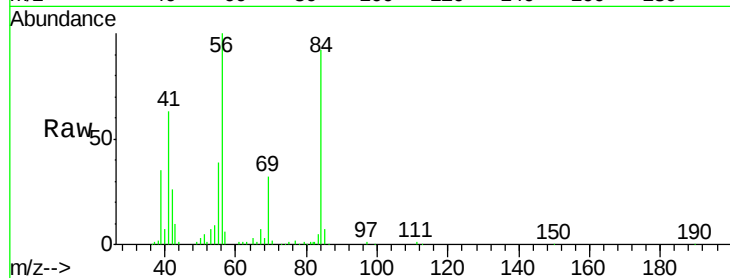
Tgt Ion: 56 Resp: 130510

Ion Ratio Lower Upper

56 100

69 31.7 23.4 35.0

84 89.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 52.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

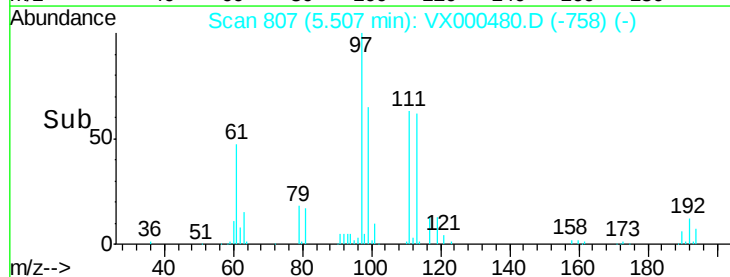
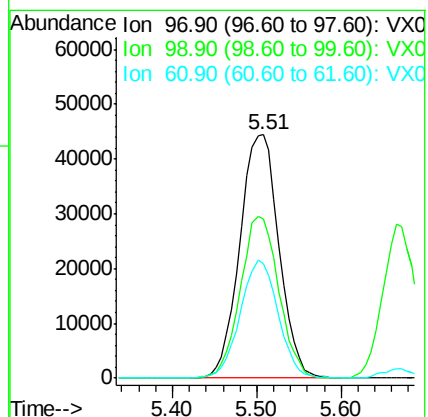
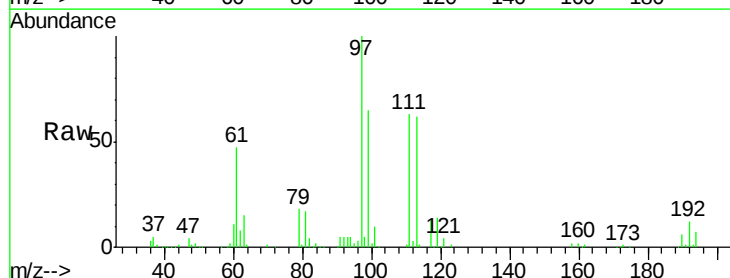
Tgt Ion: 97 Resp: 139811

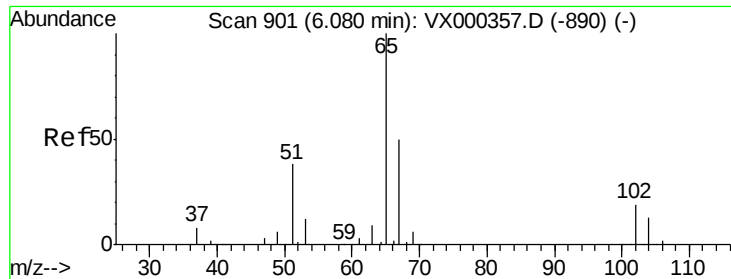
Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

61 46.9 36.2 54.4

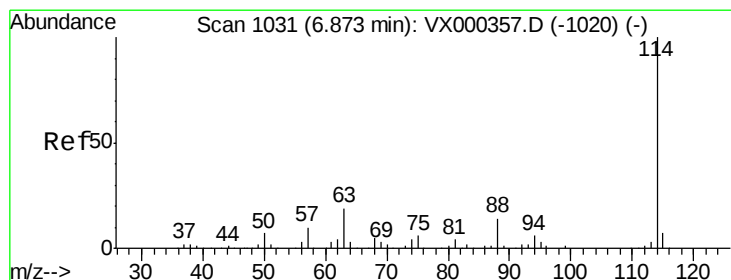
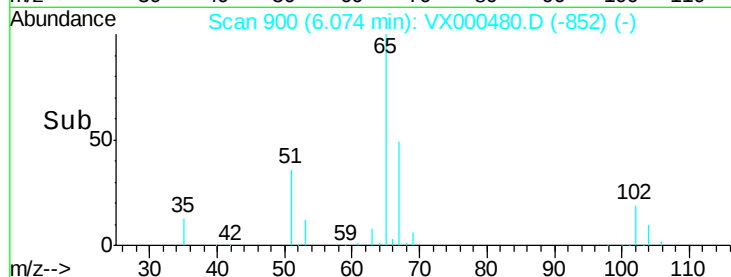
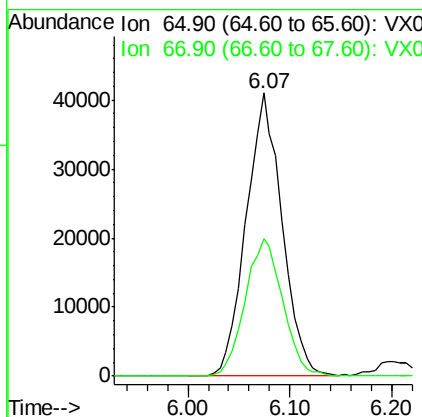
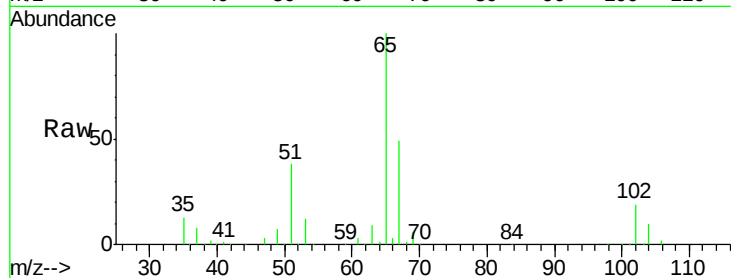




#33
 1,2-Dichloroethane-d4
 Concen: 51.73 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

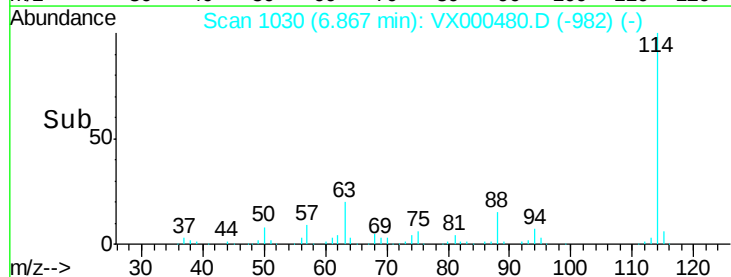
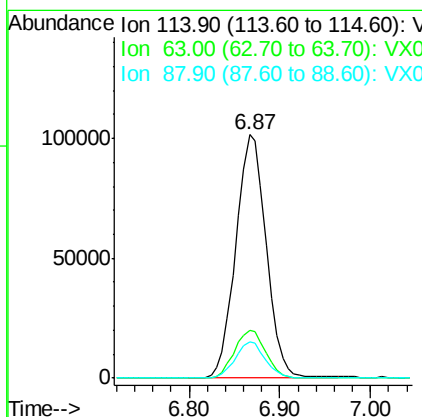
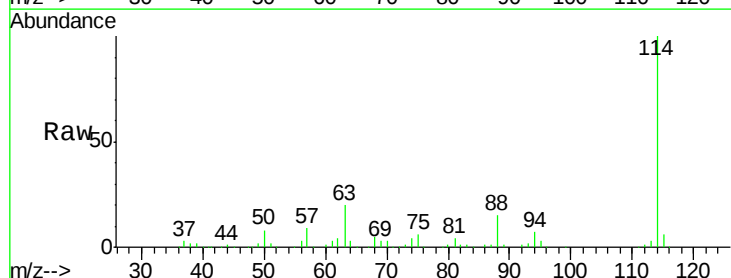
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 100470
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion: 114 Resp: 236967
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 15.2 0.0 27.0

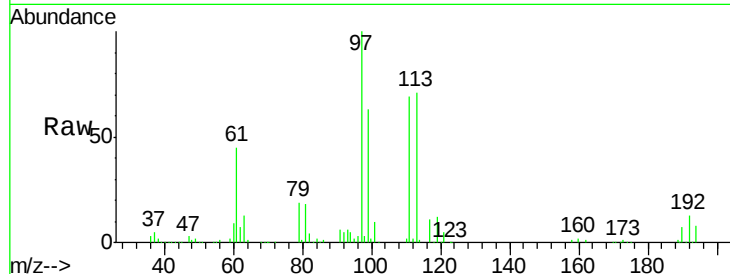




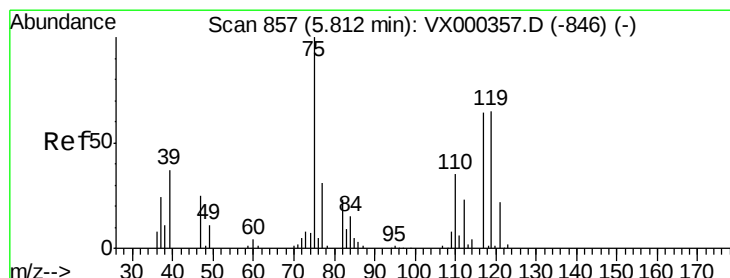
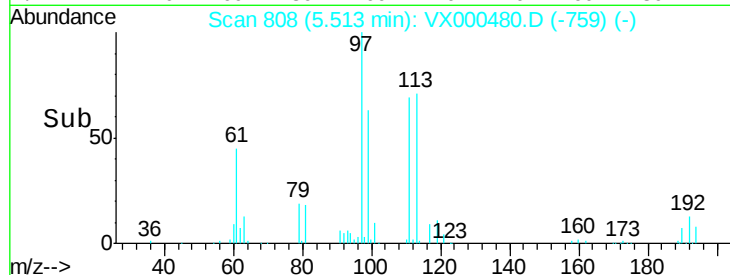
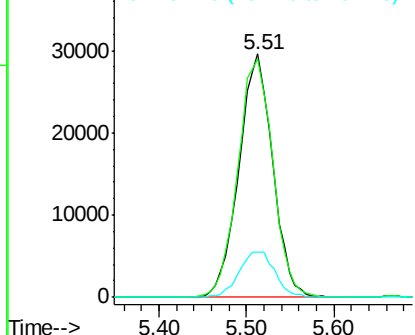
#35
 Dibromofluoromethane
 Concen: 53.26 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 79516
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 19.7 15.8 23.6

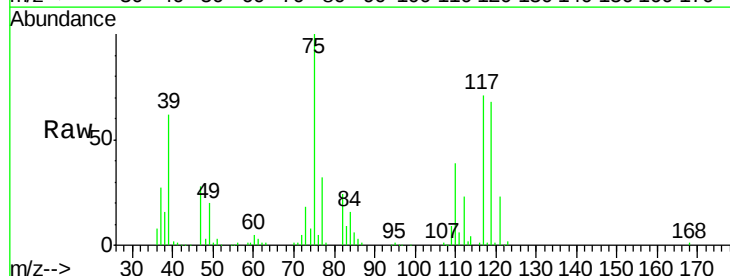


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

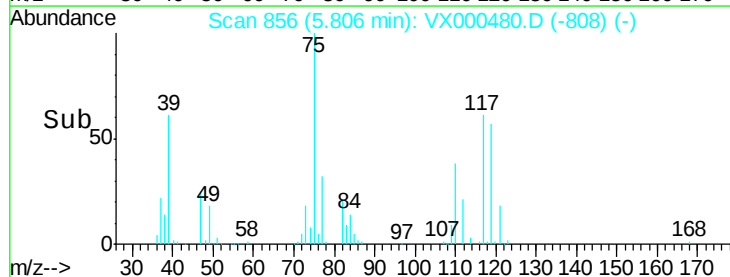
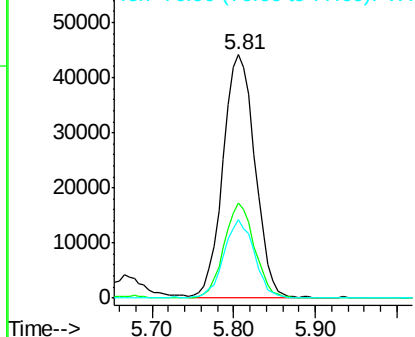


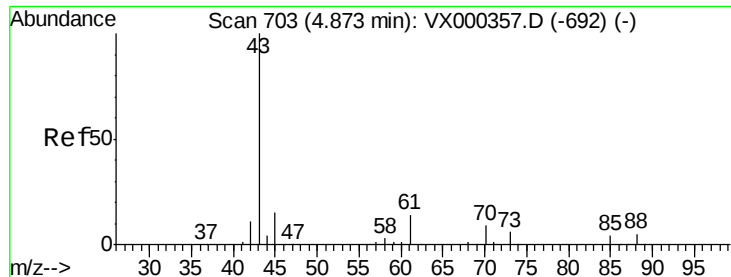
#36
 1,1-Dichloropropene
 Concen: 53.83 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion: 75 Resp: 119496
 Ion Ratio Lower Upper
 75 100
 110 37.3 17.9 53.7
 77 30.8 24.0 36.0



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

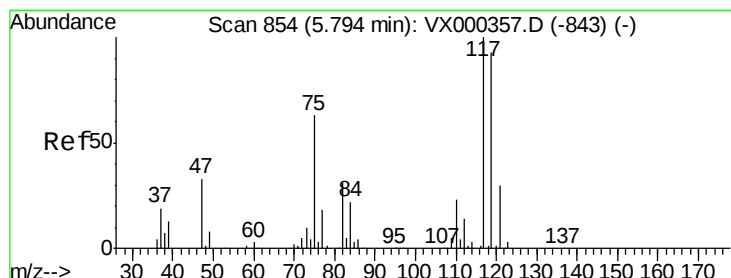
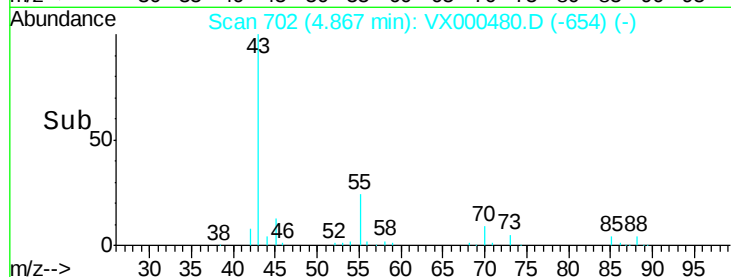
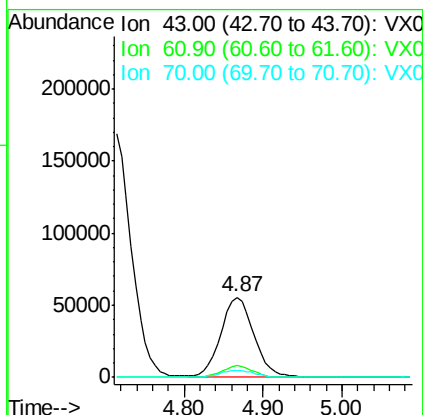
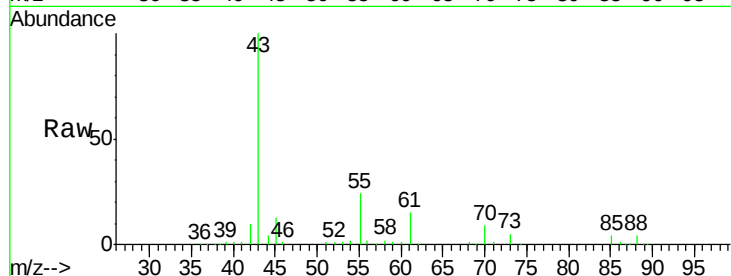




#37
Ethyl Acetate
Concen: 53.01 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

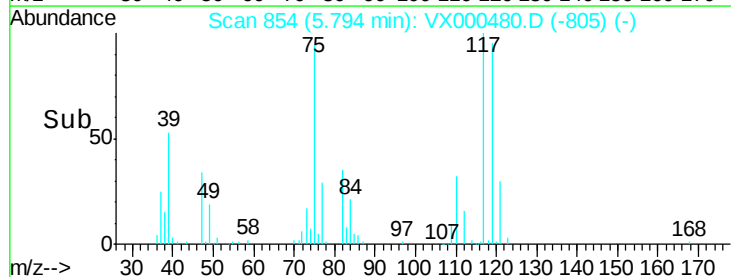
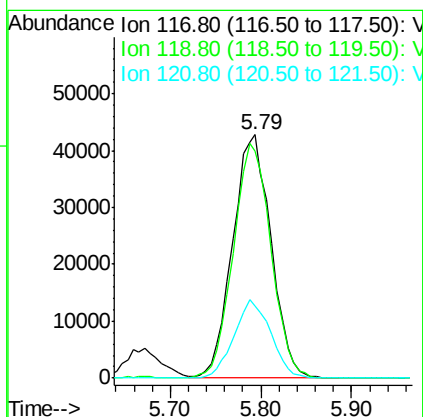
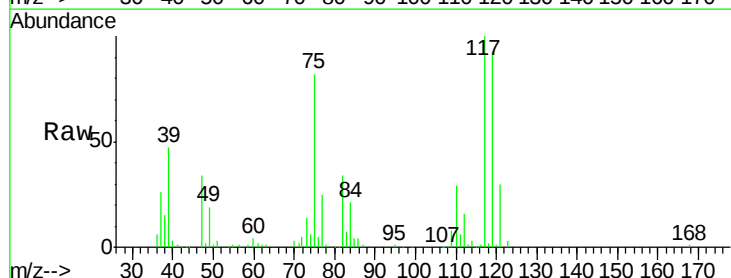
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

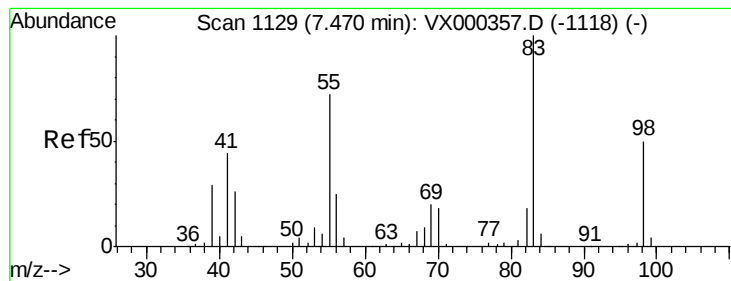
Tgt Ion: 43 Resp: 160719
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 53.94 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 117 Resp: 125608
Ion Ratio Lower Upper
117 100
119 93.3 77.4 116.2
121 29.8 24.8 37.2





#39

Methylcyclohexane

Concen: 58.68 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

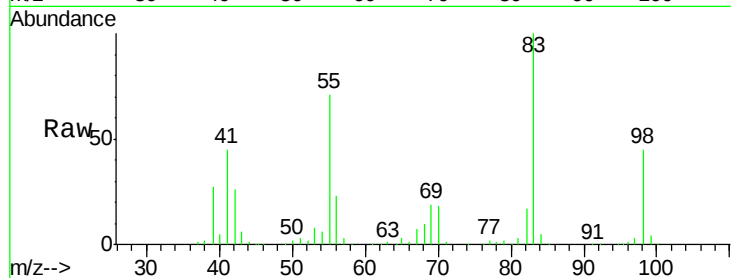
Tgt Ion: 83 Resp: 158420

Ion Ratio Lower Upper

83 100

55 70.6 55.5 83.3

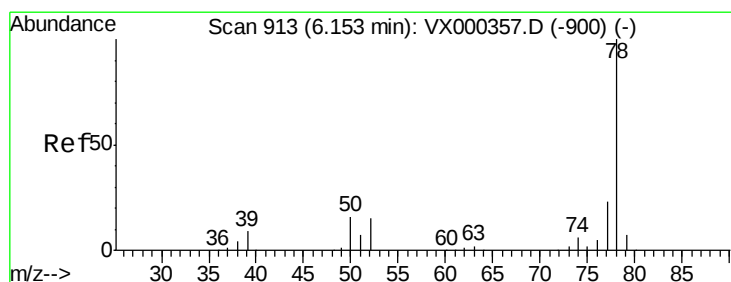
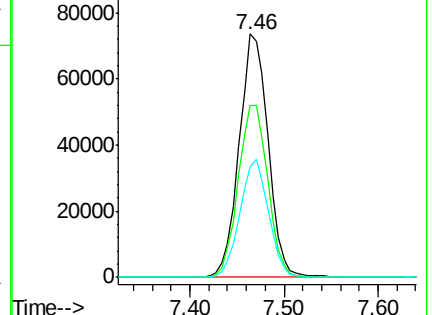
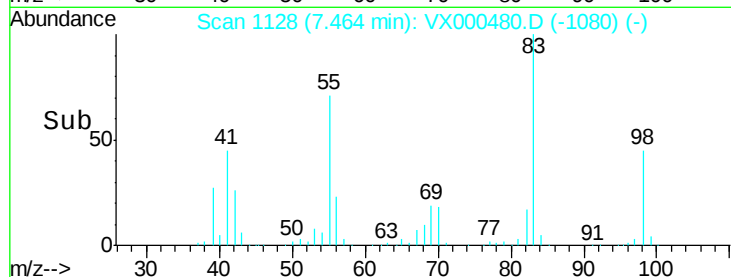
98 45.3 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 55.55 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000480.D

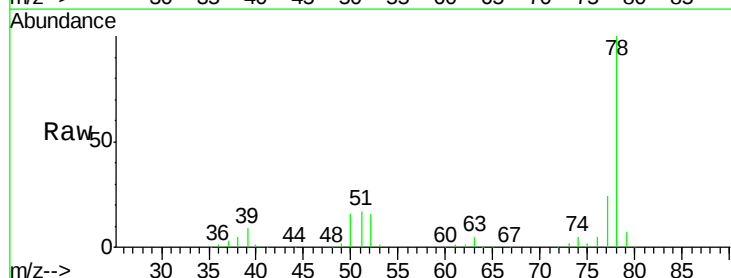
Acq: 28 Mar 2018 10:45

Tgt Ion: 78 Resp: 358083

Ion Ratio Lower Upper

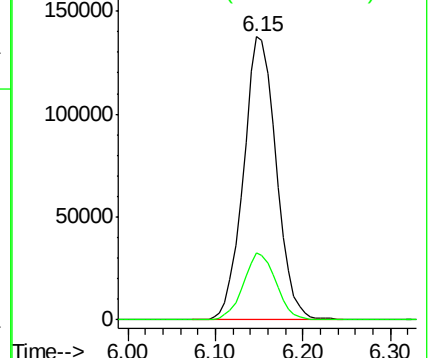
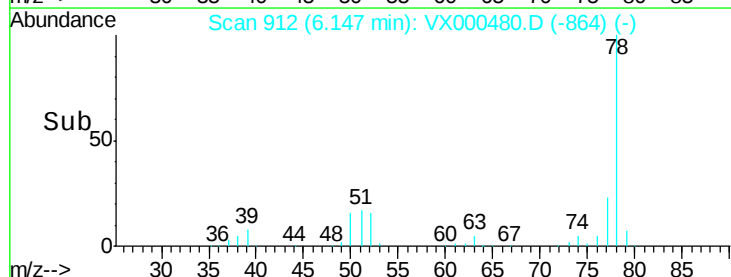
78 100

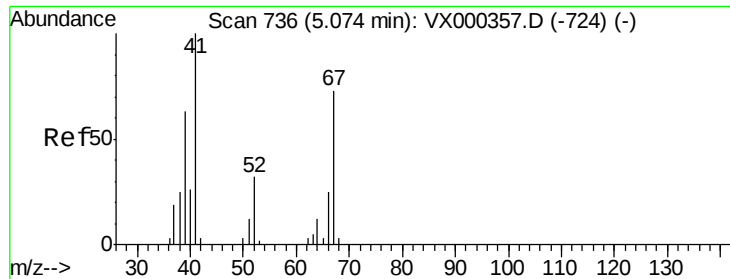
77 23.7 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

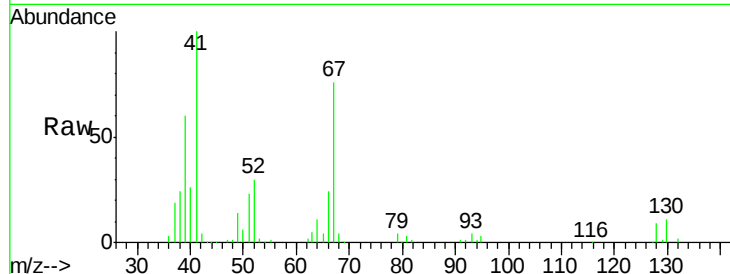




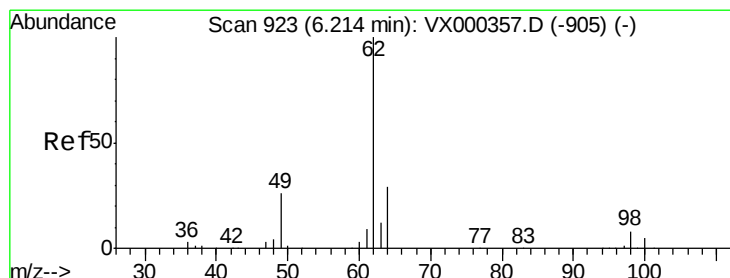
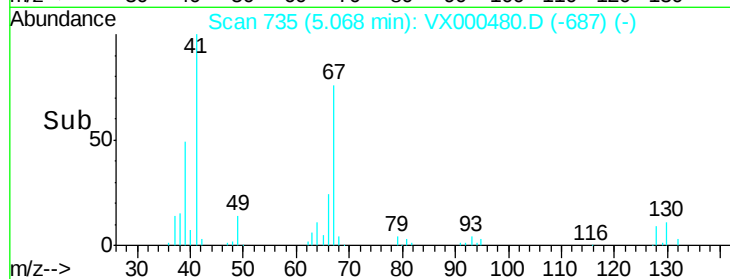
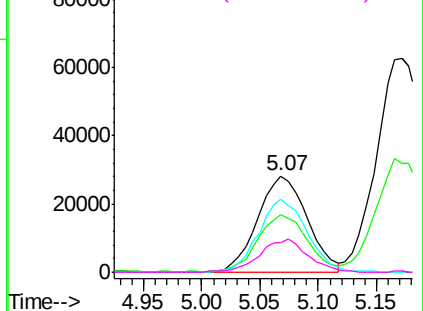
#41
Methacrylonitrile
Concen: 51.84 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	82873
Ion	Ratio	Lower	Upper
41	100		
39	58.9	45.7	68.5
67	74.6	57.8	86.8
52	33.7	26.7	40.1

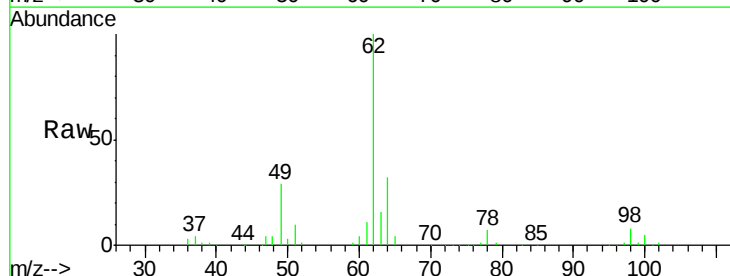


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

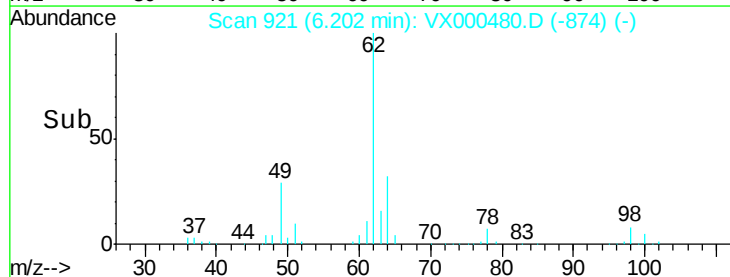
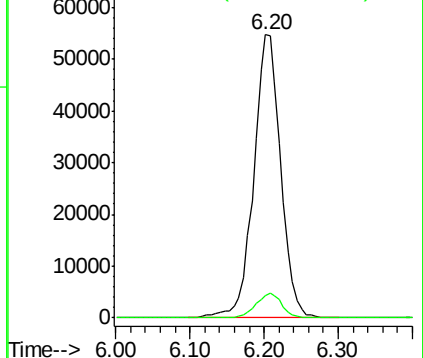


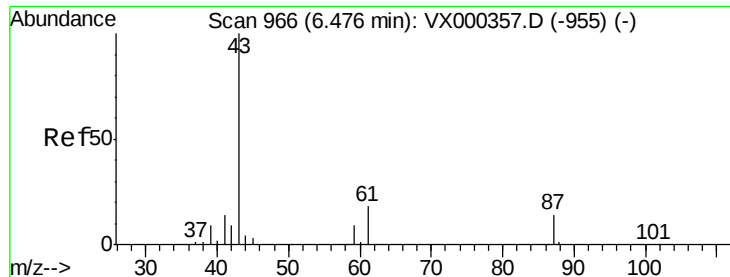
#42
1,2-Dichloroethane
Concen: 54.85 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion:	62	Resp:	138722
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8



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

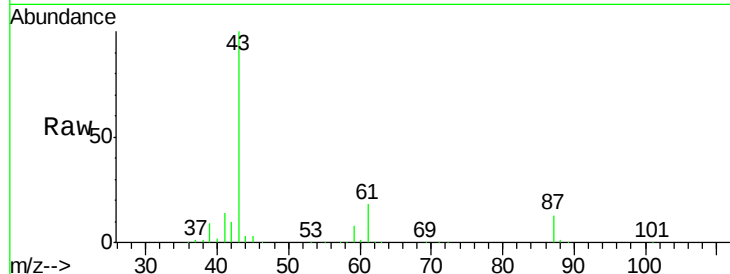




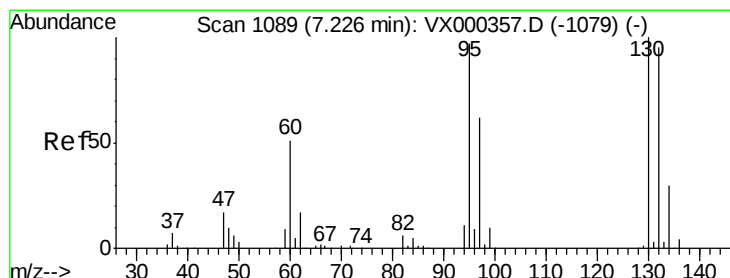
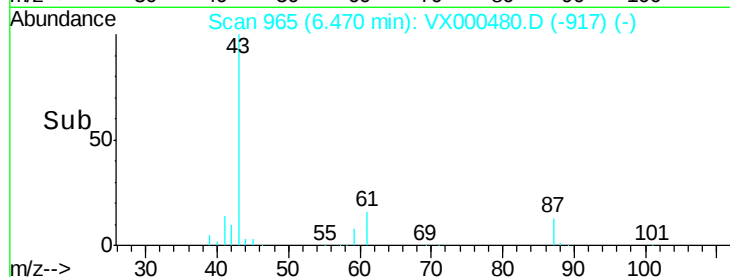
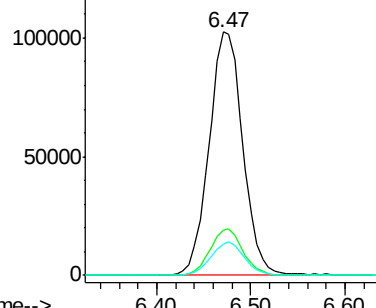
#43
Isopropyl Acetate
Concen: 56.48 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 254914
Ion Ratio Lower Upper
43 100
61 18.9 14.4 21.6
87 13.5 11.0 16.4

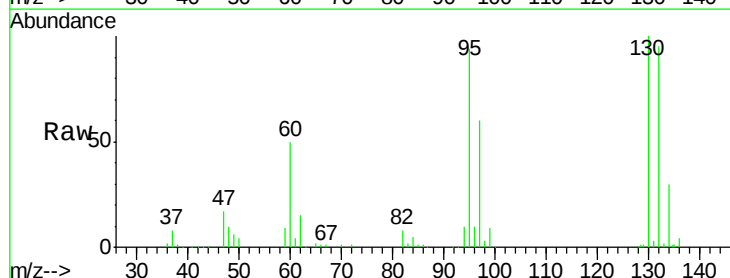


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

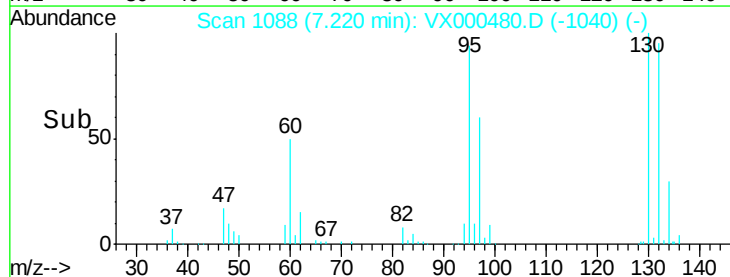
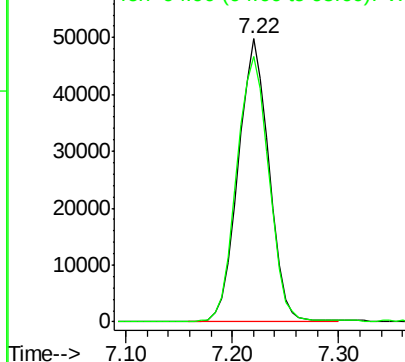


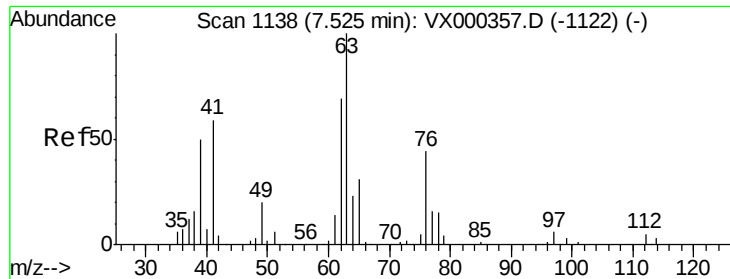
#44
Trichloroethene
Concen: 54.77 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 130 Resp: 101137
Ion Ratio Lower Upper
130 100
95 93.8 0.0 186.0



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

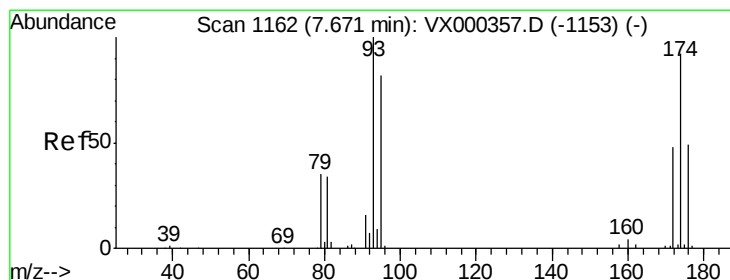
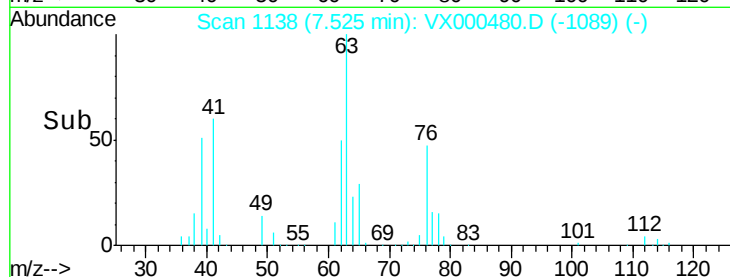
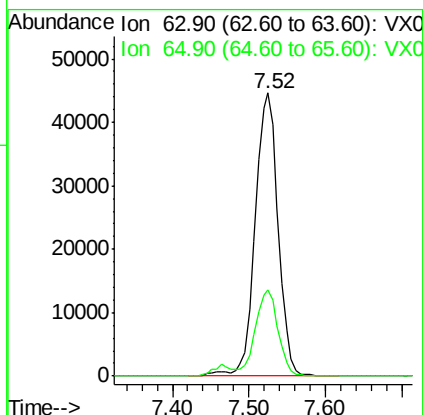
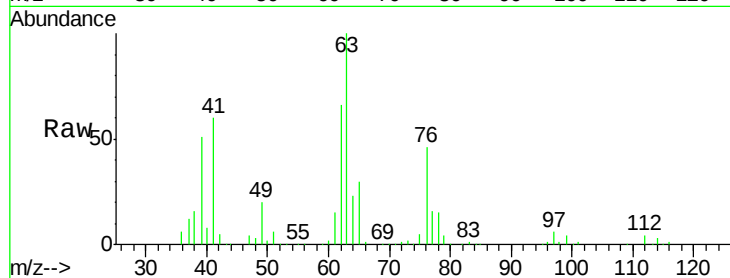




#45
 1,2-Dichloropropane
 Concen: 56.69 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

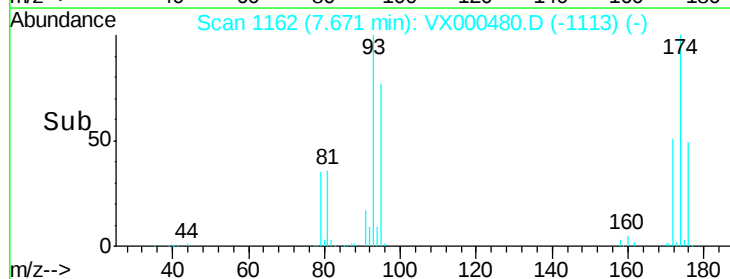
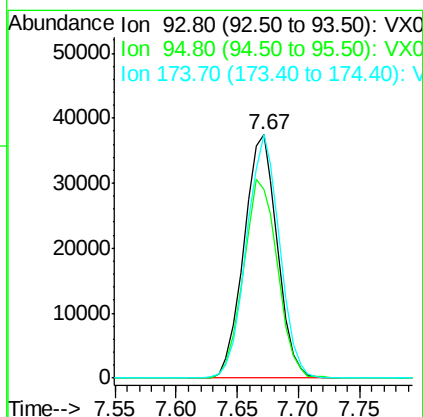
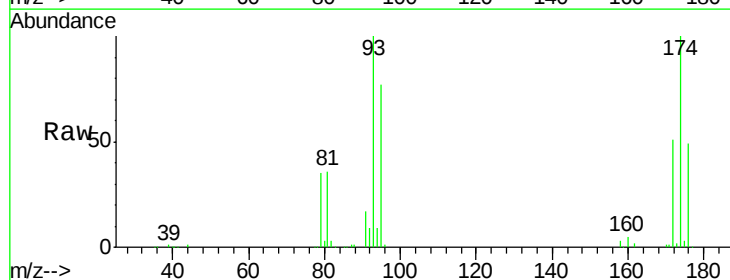
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

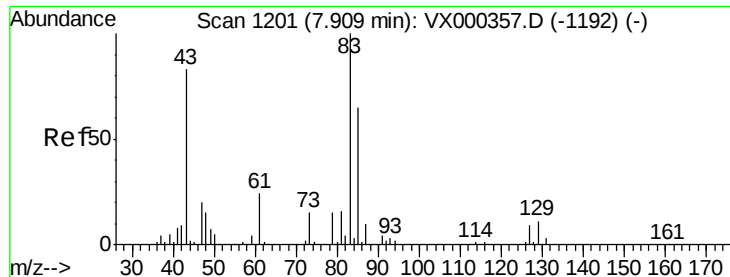
Tgt Ion: 63 Resp: 93541
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 36.8



#46
 Dibromomethane
 Concen: 54.76 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion: 93 Resp: 70917
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 99.5 76.0 114.0





#47

Bromodichloromethane

Concen: 59.04 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

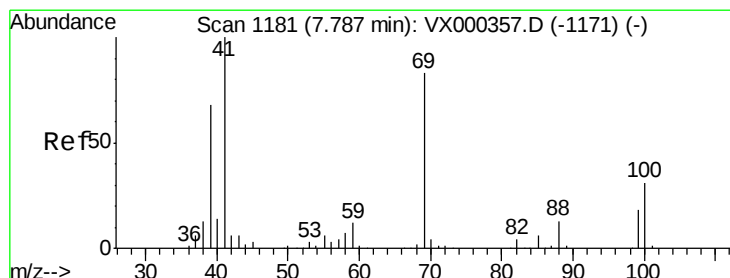
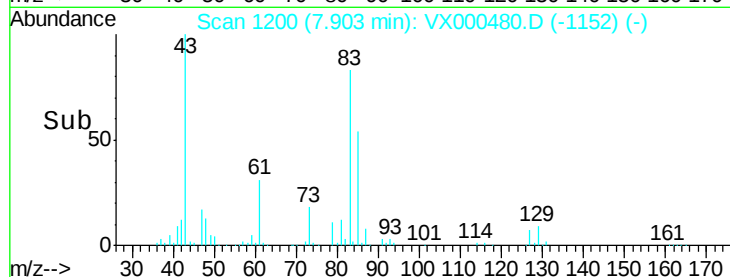
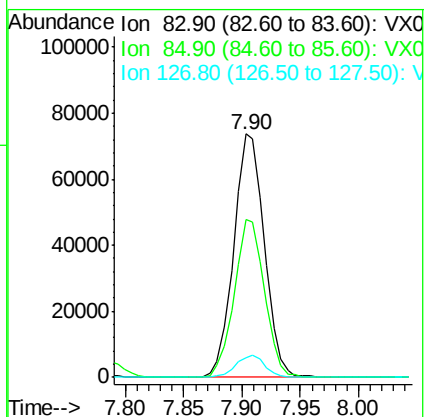
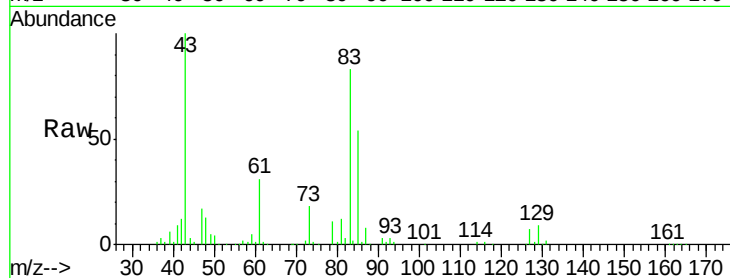
Tgt Ion: 83 Resp: 134540

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.0

127 8.1 7.0 10.6



#48

Methyl methacrylate

Concen: 57.84 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

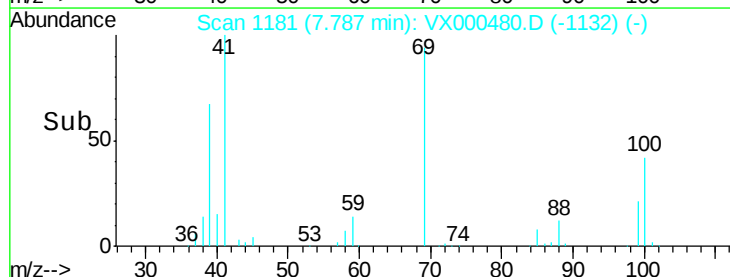
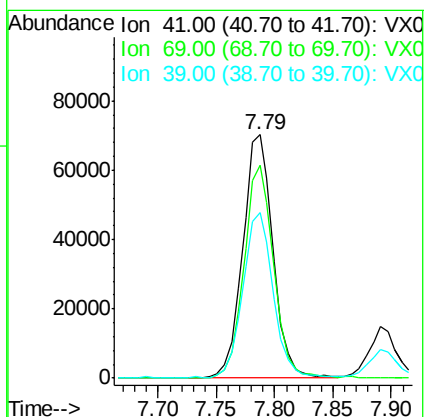
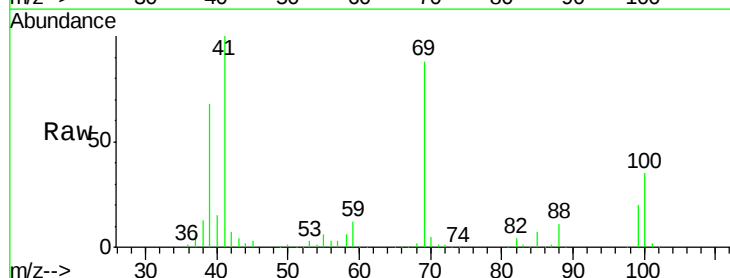
Tgt Ion: 41 Resp: 126740

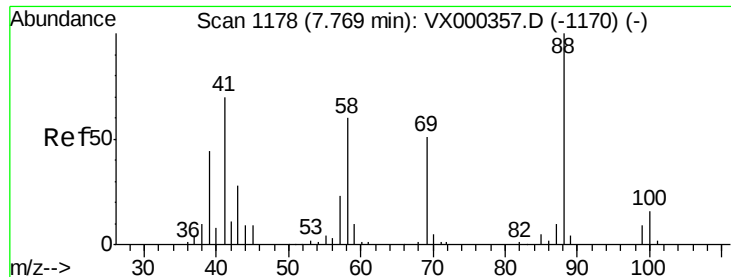
Ion Ratio Lower Upper

41 100

69 86.4 68.2 102.4

39 67.9 54.6 81.8

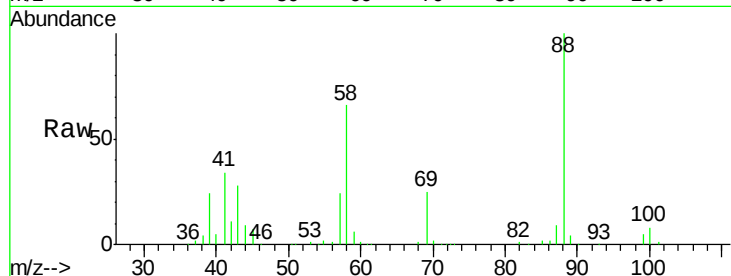




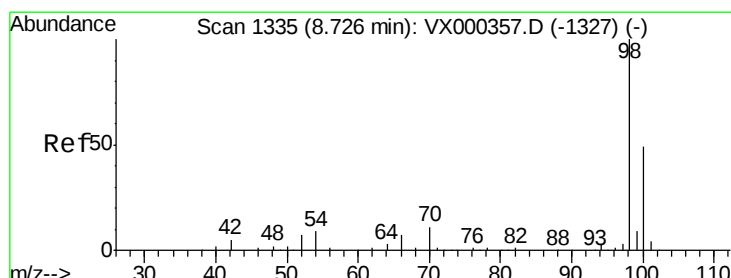
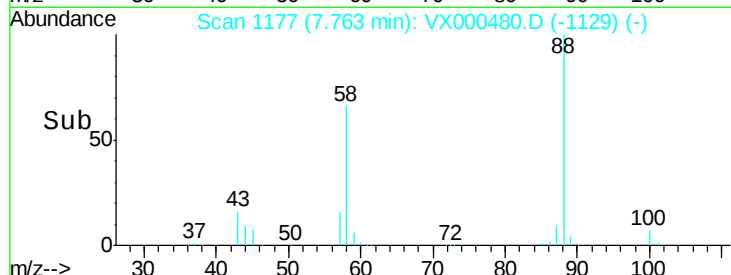
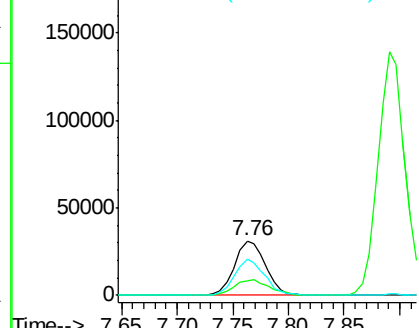
#49
1,4-Dioxane
Concen: 1302.86 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 60007
Ion Ratio Lower Upper
88 100
43 33.1 26.8 40.2
58 64.4 52.2 78.2

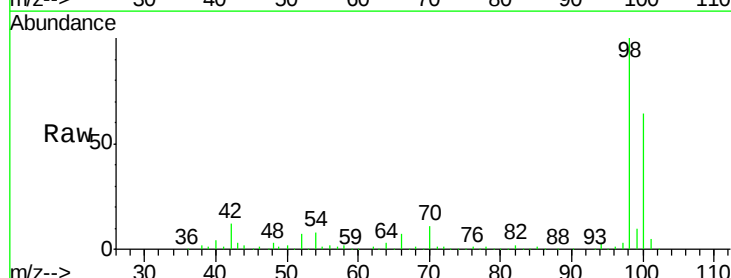


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

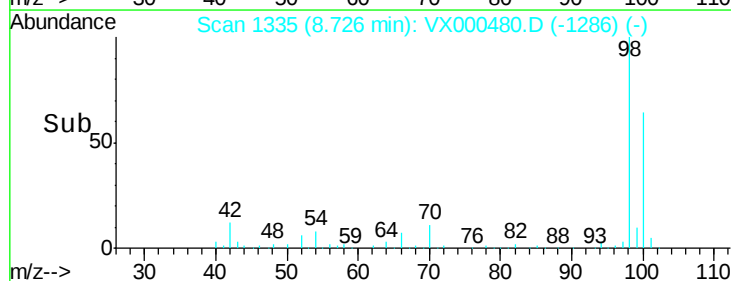
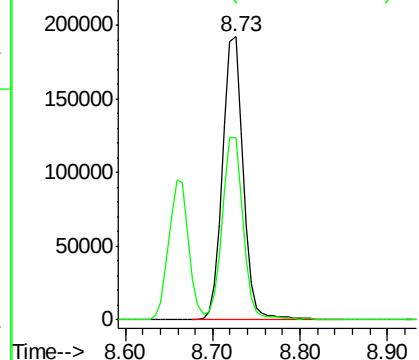


#50
Toluene-d8
Concen: 50.31 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 98 Resp: 311121
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 292.32 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

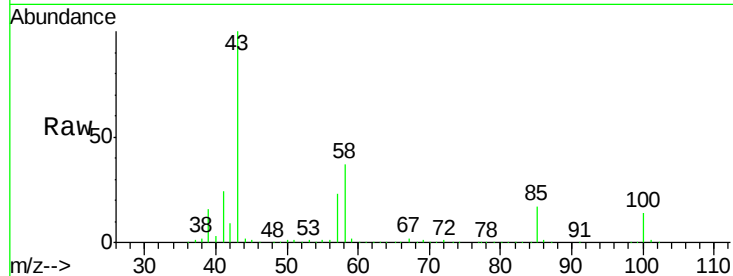
VSTDCCC050

Tgt Ion: 43 Resp: 1021209

Ion Ratio Lower Upper

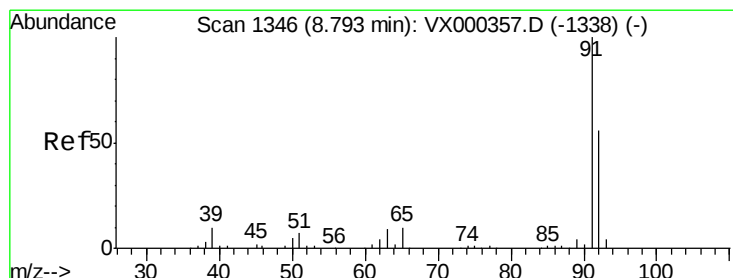
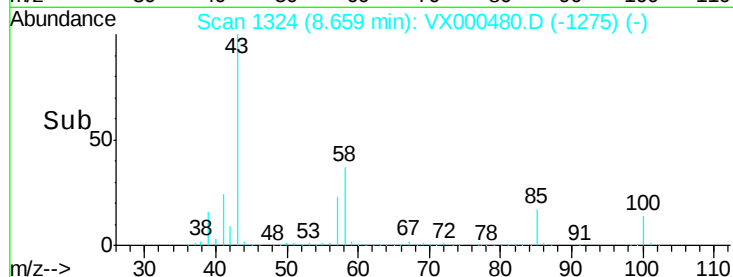
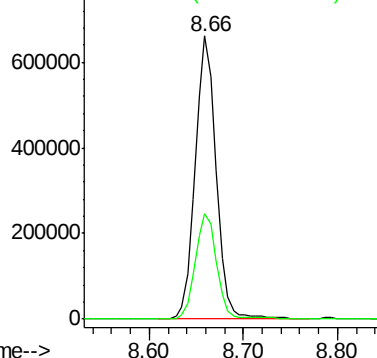
43 100

58 38.2 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.28 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000480.D

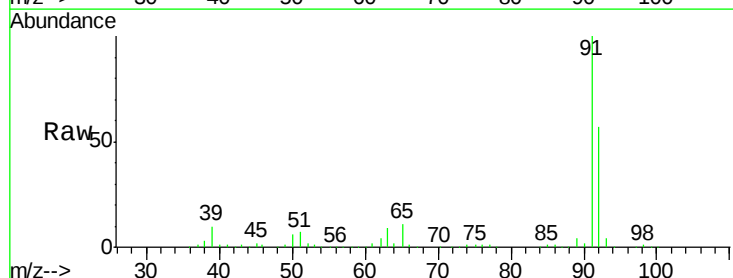
Acq: 28 Mar 2018 10:45

Tgt Ion: 92 Resp: 244609

Ion Ratio Lower Upper

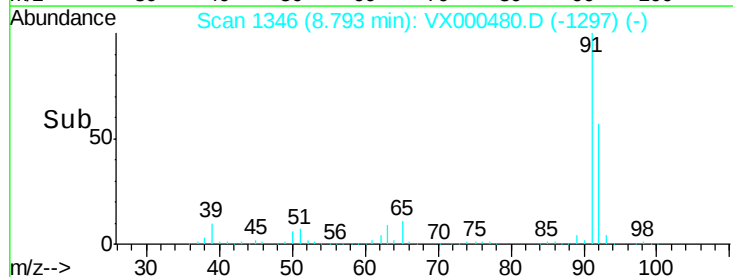
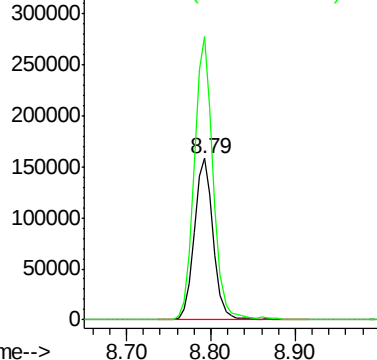
92 100

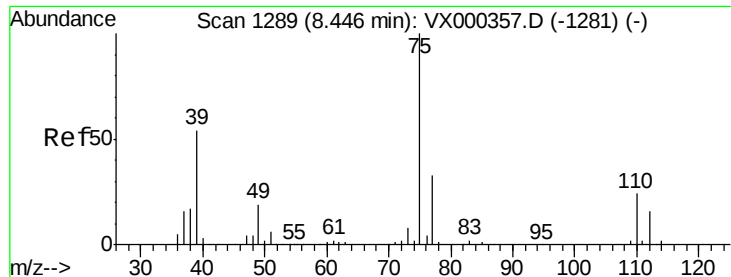
91 175.2 140.2 210.2



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: 59.72 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

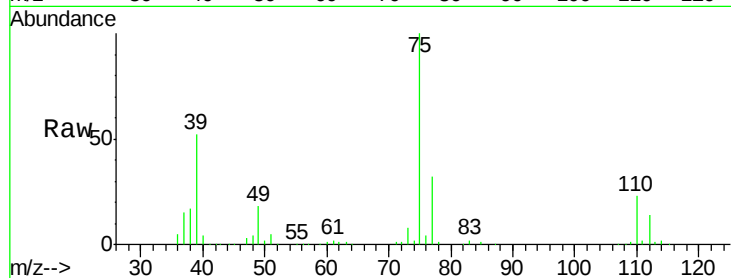
VSTDCCC050

Tgt Ion: 75 Resp: 157678

Ion Ratio Lower Upper

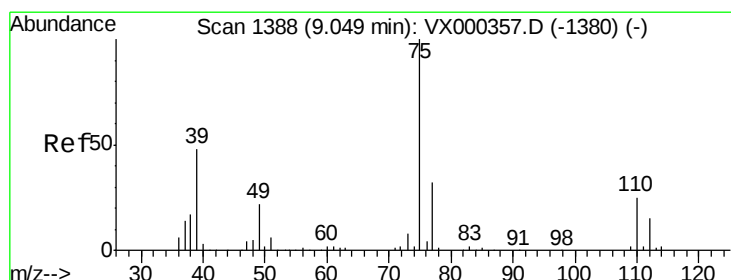
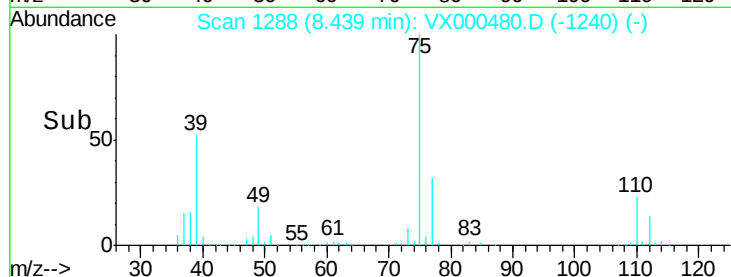
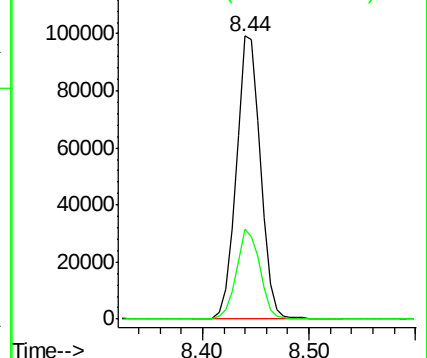
75 100

77 32.0 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 59.33 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

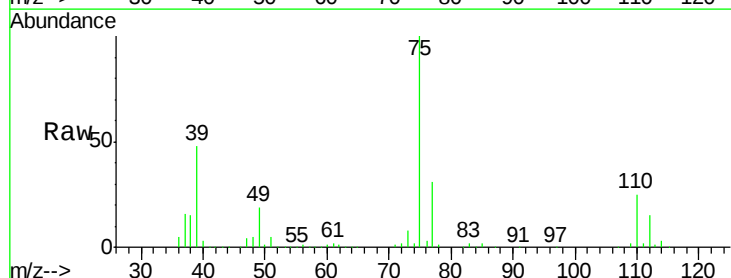
Tgt Ion: 75 Resp: 151957

Ion Ratio Lower Upper

75 100

77 30.9 26.1 39.1

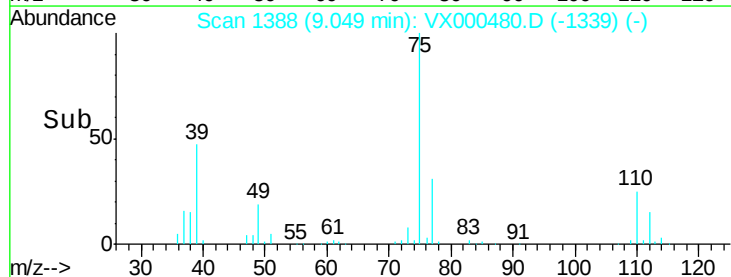
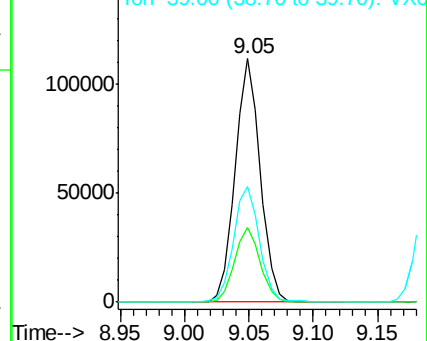
39 47.4 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

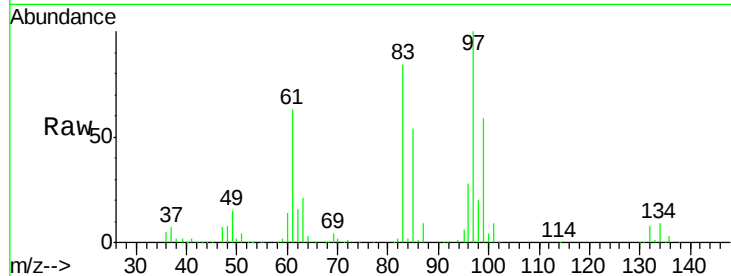




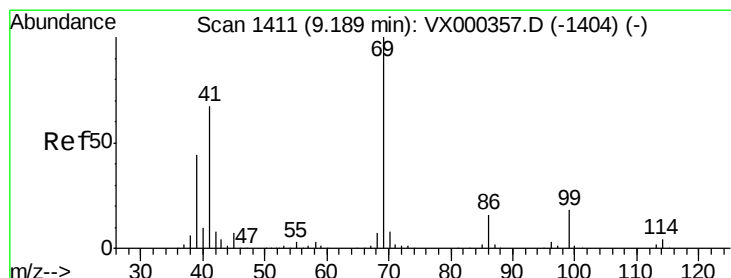
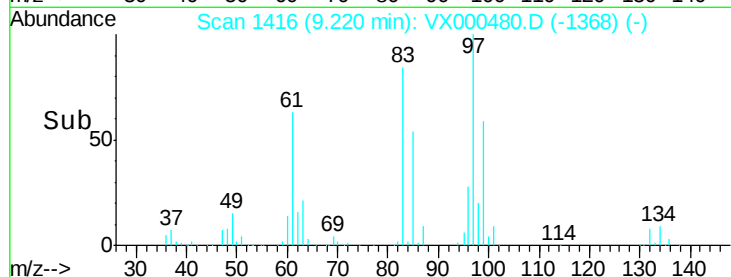
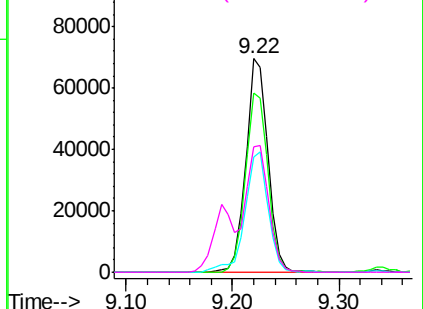
#55
 1,1,2-Trichloroethane
 Concen: 54.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	101487
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.9	101.9
85	53.9	42.8	64.2
99	58.7	49.4	74.2

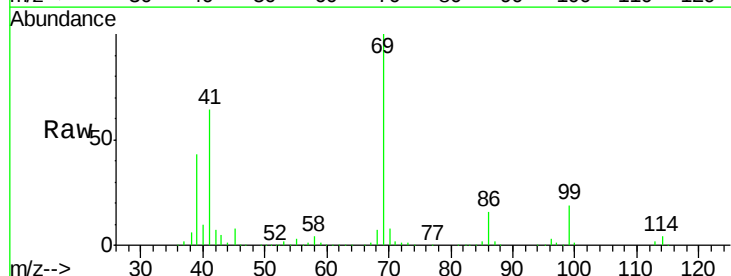


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

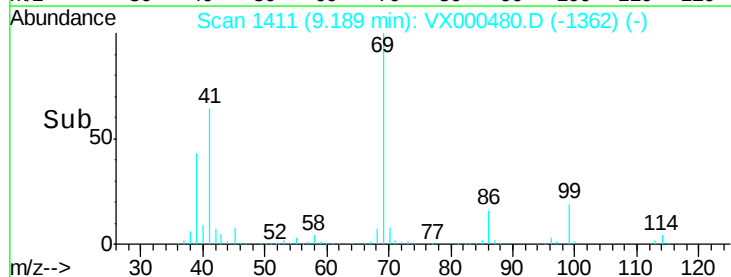
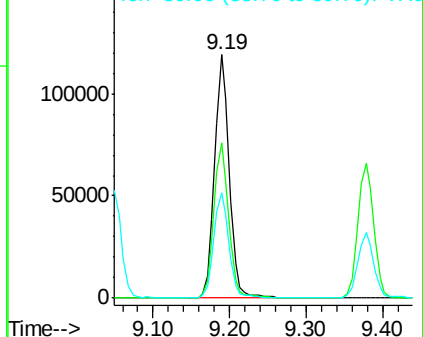


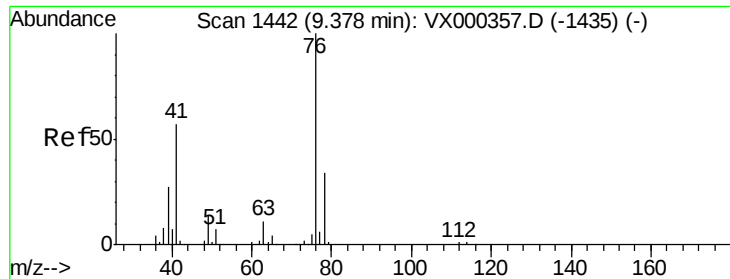
#56
 Ethyl methacrylate
 Concen: 56.63 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion:	69	Resp:	159013
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.0	79.6
39	44.3	35.3	52.9



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

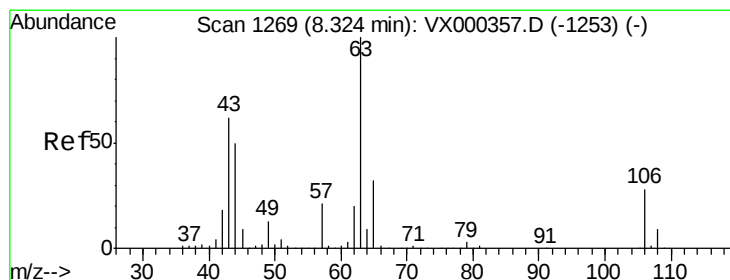
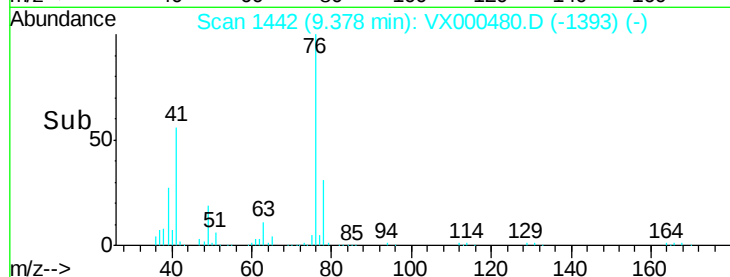
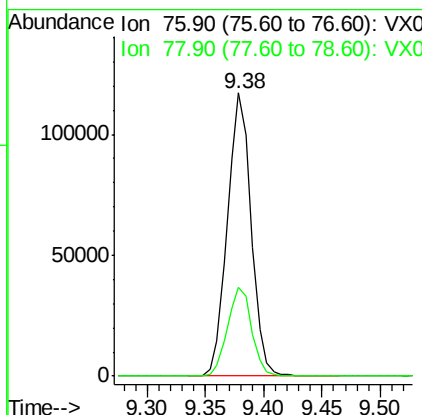
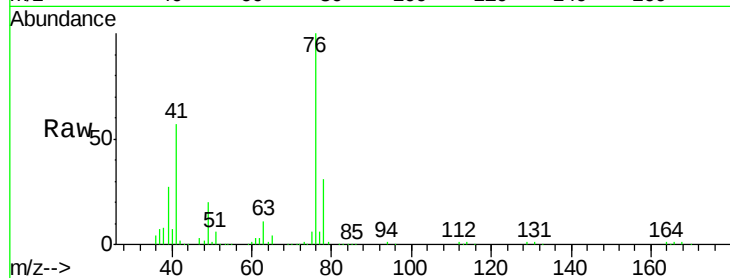




#57
 1,3-Dichloropropane
 Concen: 55.93 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

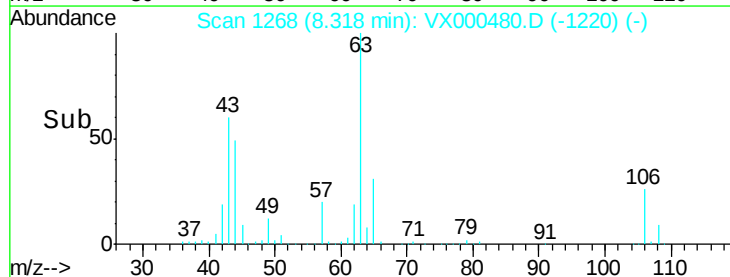
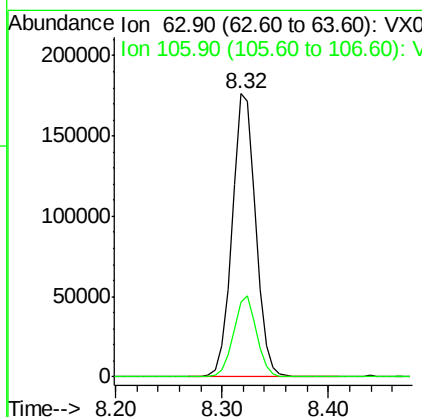
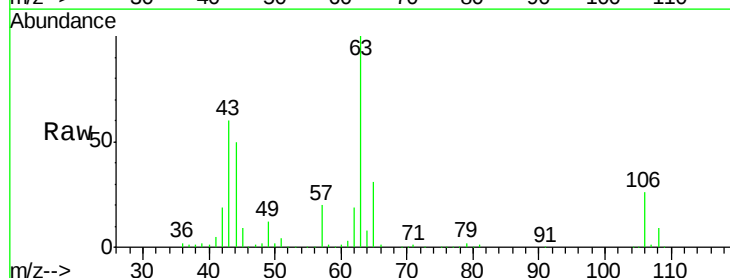
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 165774
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 202.63 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion: 63 Resp: 273092
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8

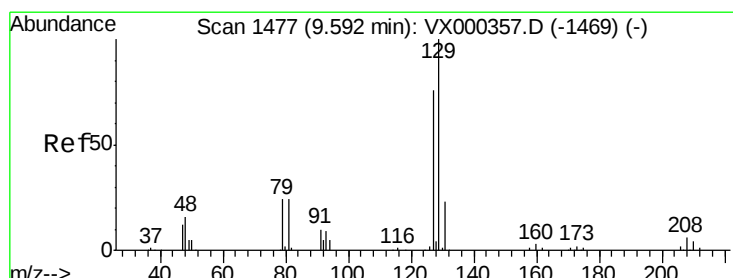
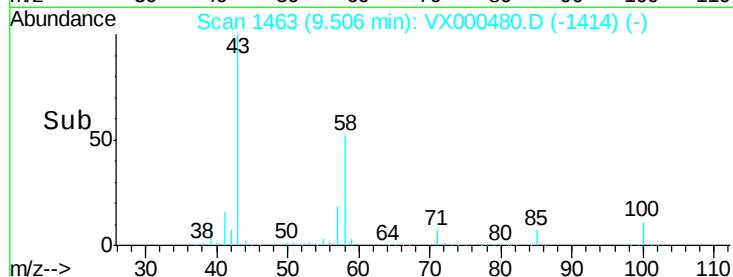
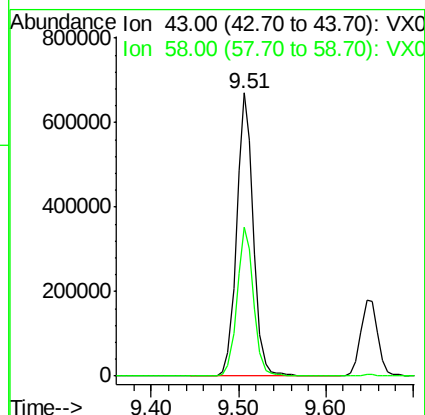
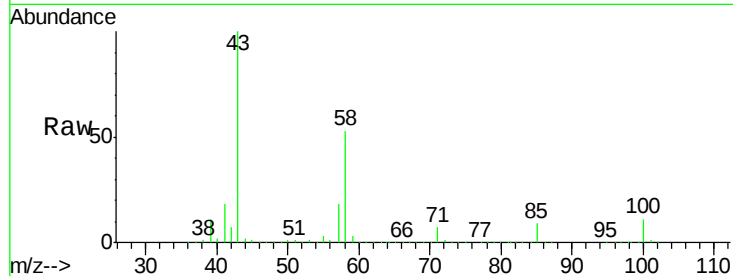




#59
2-Hexanone
Concen: 301.54 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

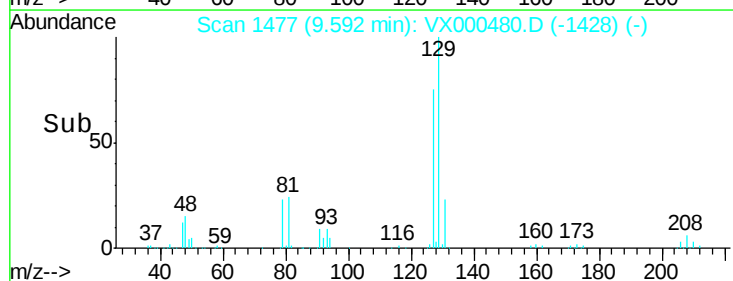
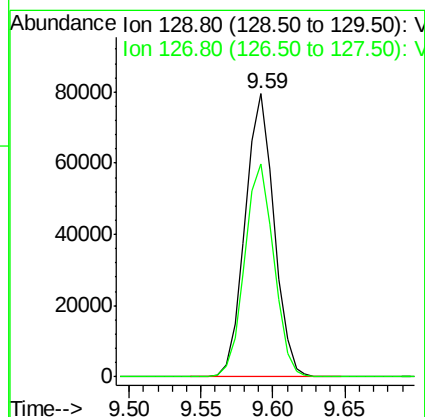
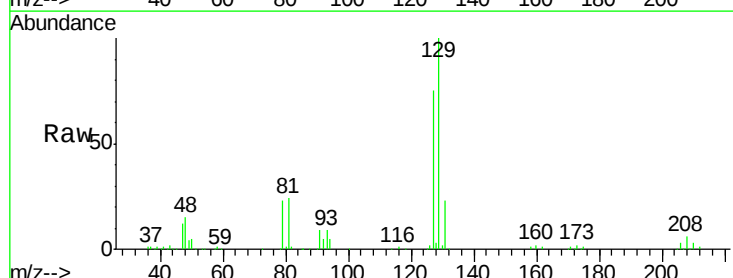
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

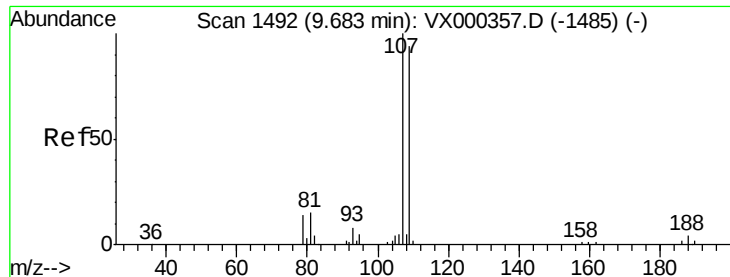
Tgt Ion: 43 Resp: 894474
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7



#60
Dibromochloromethane
Concen: 50.32 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 129 Resp: 110426
Ion Ratio Lower Upper
129 100
127 76.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 55.08 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

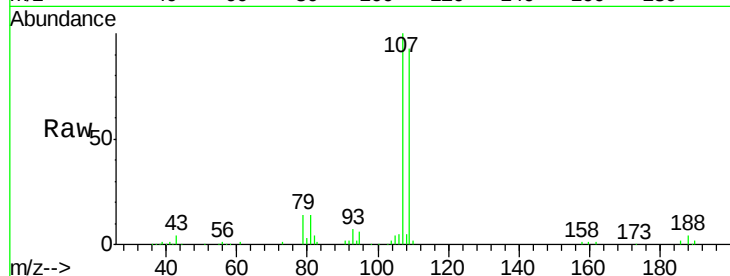
VSTDCCC050

Tgt Ion: 107 Resp: 109466

Ion Ratio Lower Upper

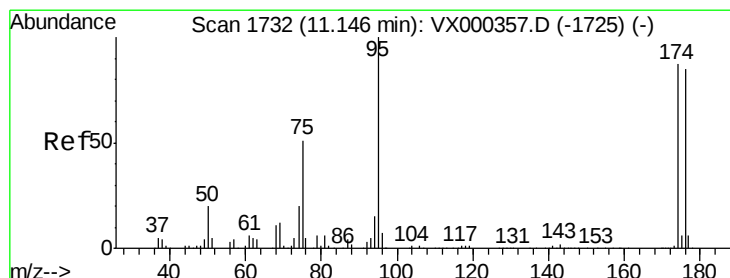
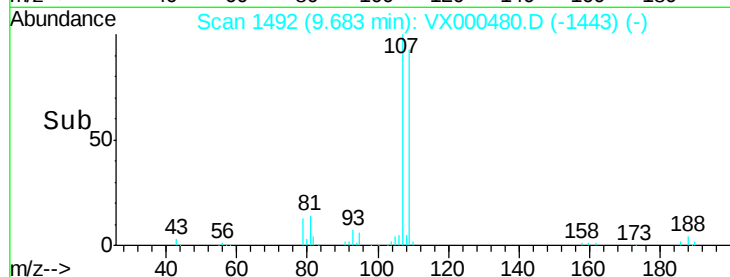
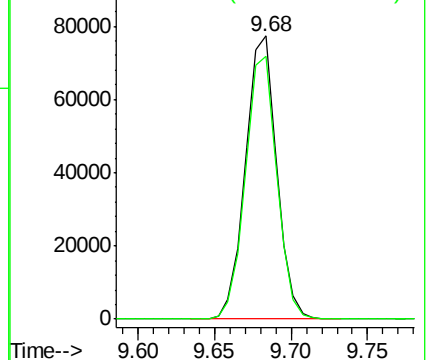
107 100

109 93.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.32 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

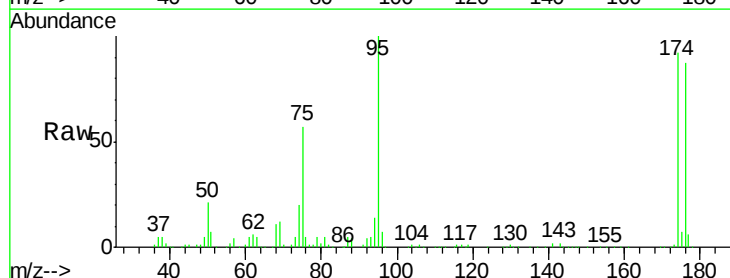
Tgt Ion: 95 Resp: 128653

Ion Ratio Lower Upper

95 100

174 89.8 0.0 173.6

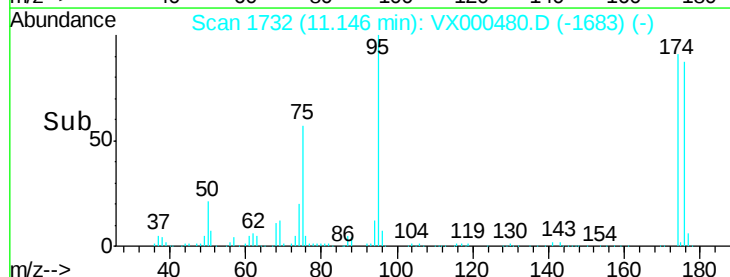
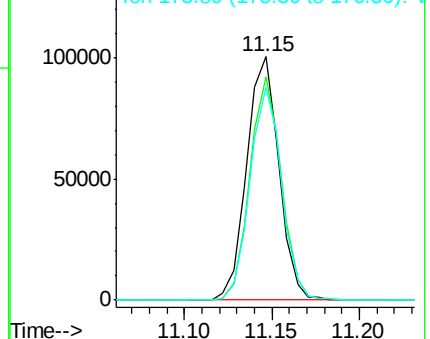
176 85.8 0.0 164.6

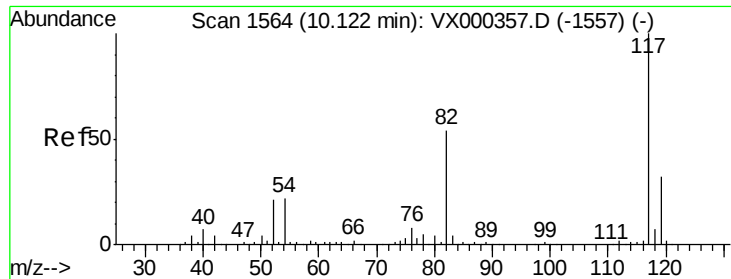


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

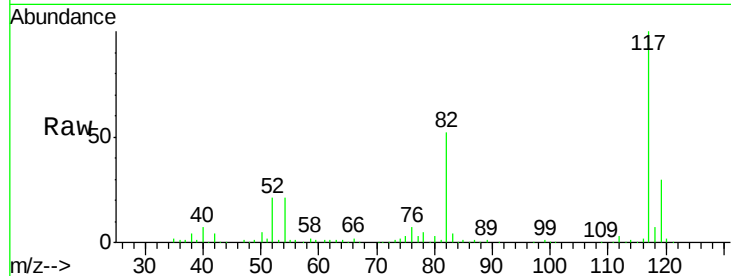




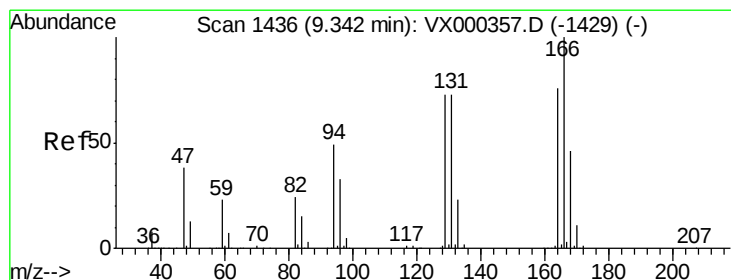
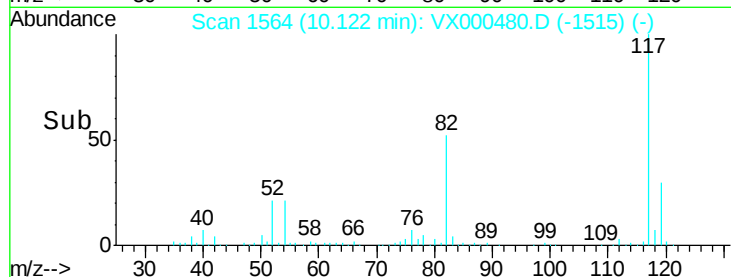
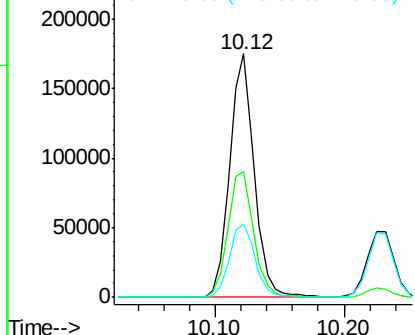
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 233369
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.8
119 30.2 24.9 37.3



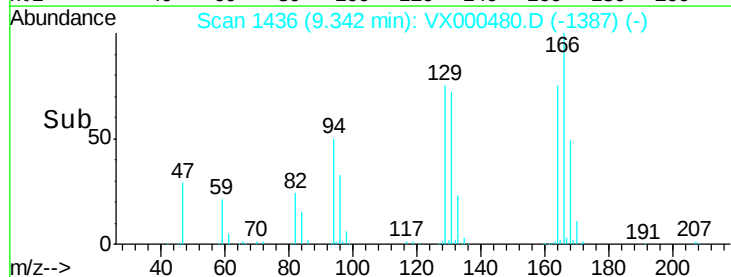
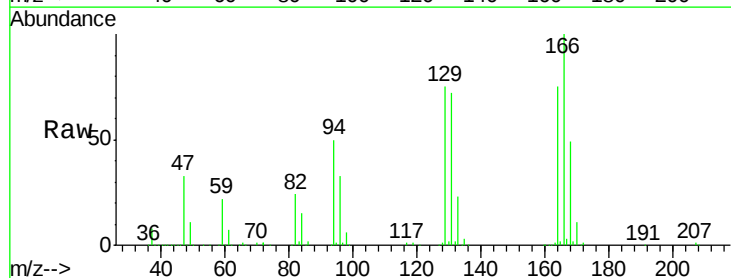
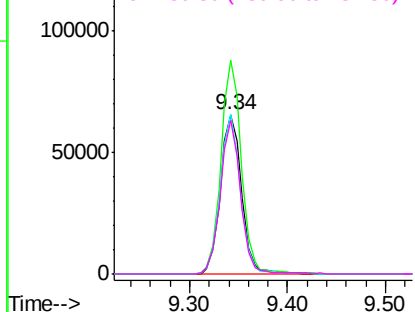
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

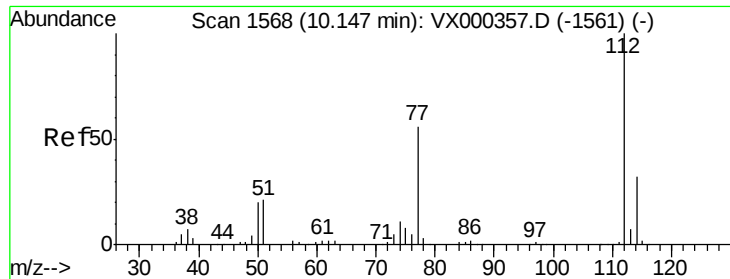


#64
Tetrachloroethene
Concen: 54.01 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion:164 Resp: 97804
Ion Ratio Lower Upper
164 100
166 134.1 101.0 151.6
129 100.2 79.0 118.4
131 96.7 71.9 107.9

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: 54.60 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

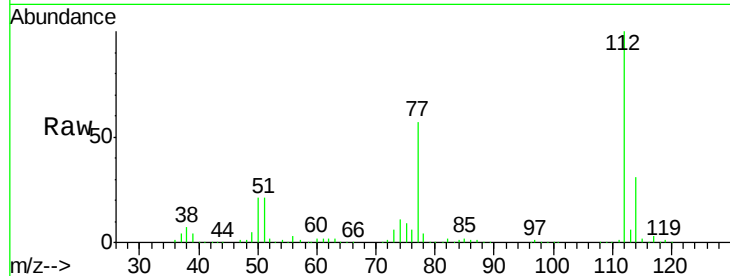
VSTDCCC050

Tgt Ion:112 Resp: 283561

Ion Ratio Lower Upper

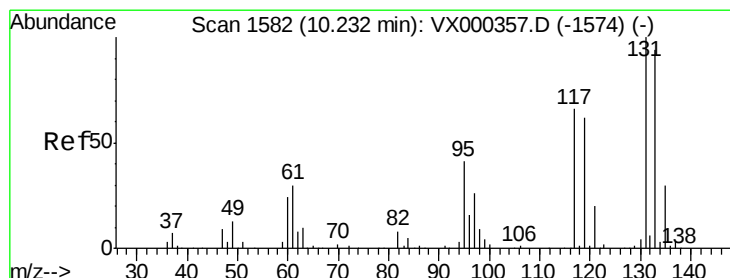
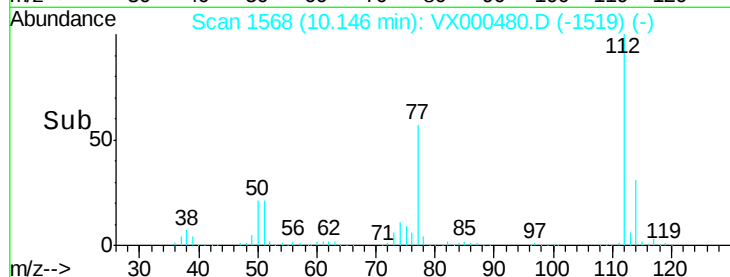
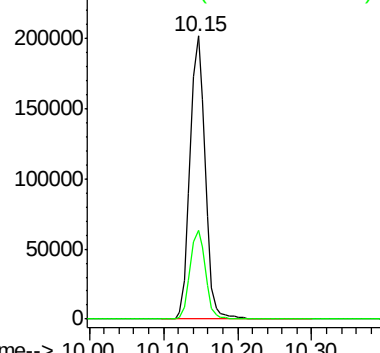
112 100

114 31.3 25.7 38.5



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: 57.58 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

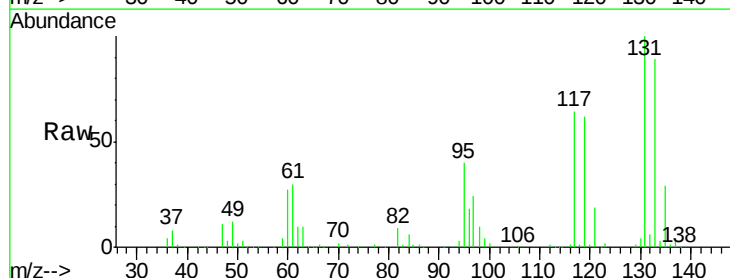
Tgt Ion:131 Resp: 101568

Ion Ratio Lower Upper

131 100

133 93.6 47.1 141.3

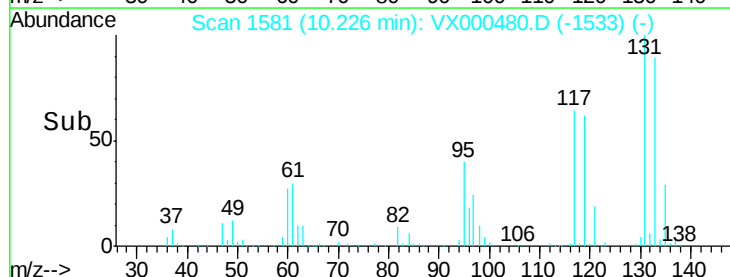
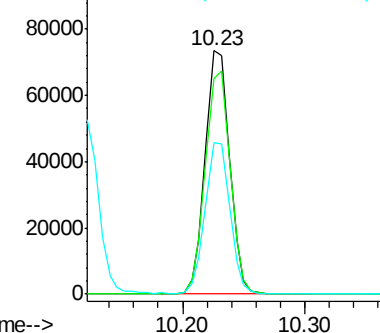
119 63.2 33.1 99.2

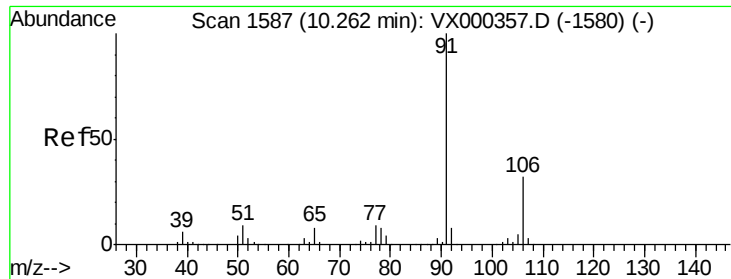


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

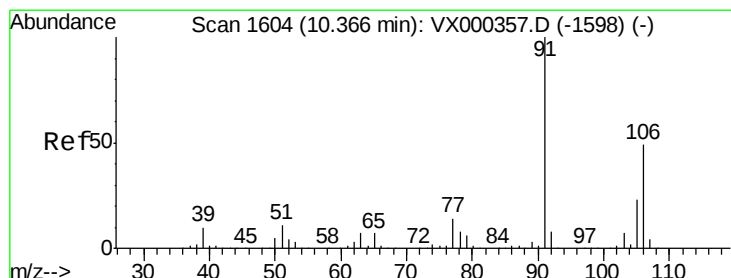
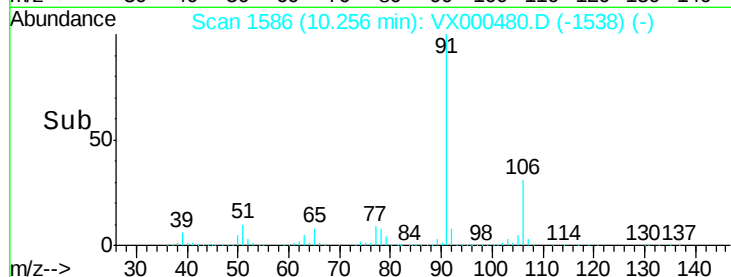
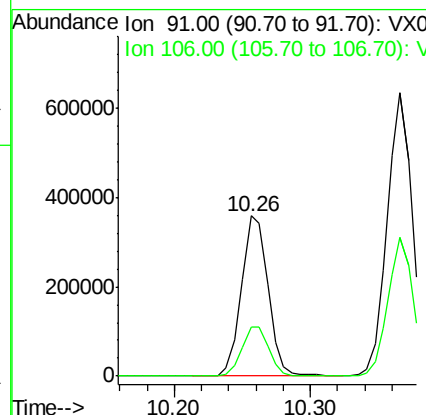
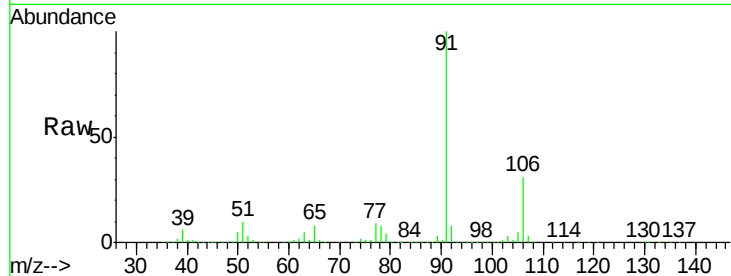




#67
Ethyl Benzene
Concen: 55.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

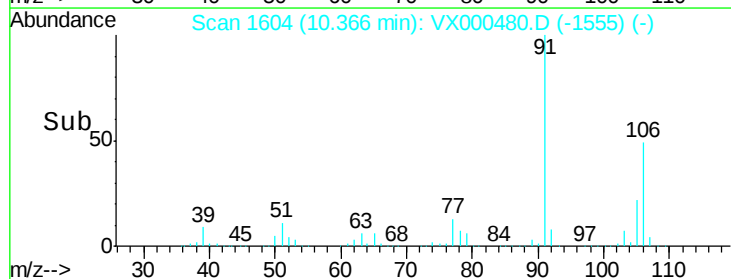
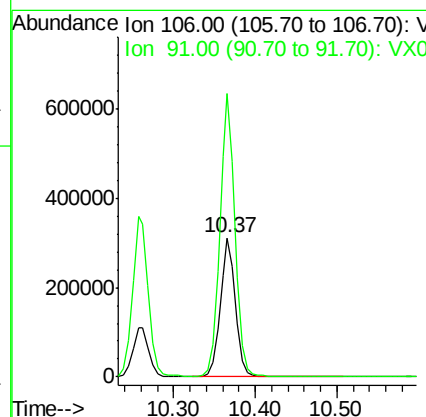
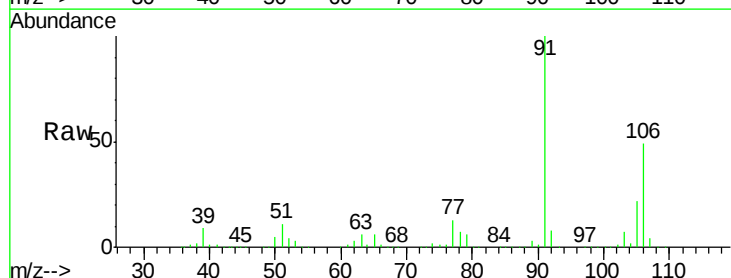
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

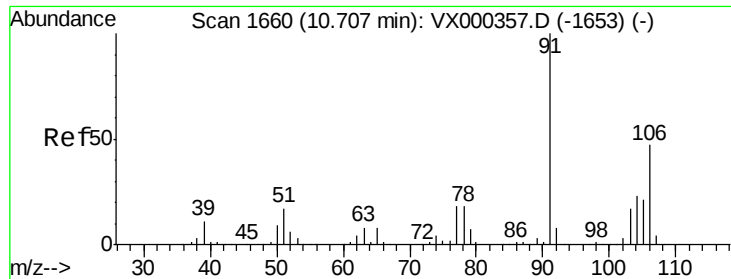
Tgt Ion: 91 Resp: 492657
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6



#68
m/p-Xylenes
Concen: 117.23 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion: 106 Resp: 406112
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2

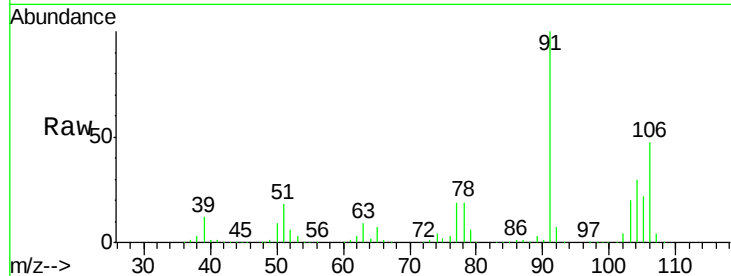




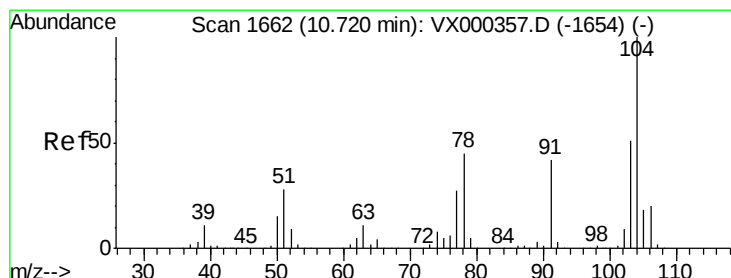
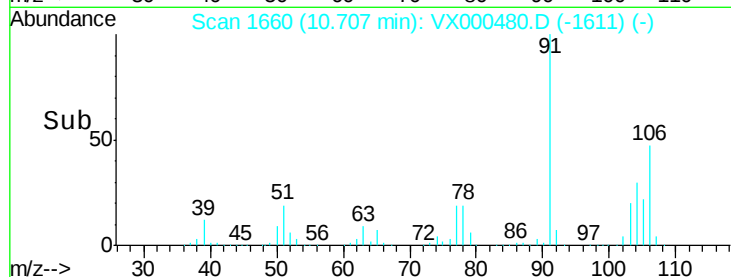
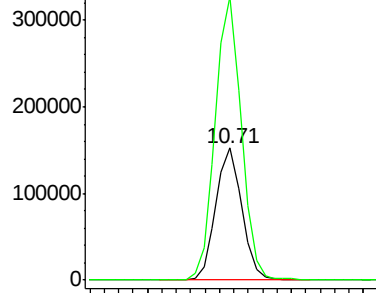
#69
o-Xylene
Concen: 57.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 191734
Ion Ratio Lower Upper
106 100
91 214.6 106.5 319.6

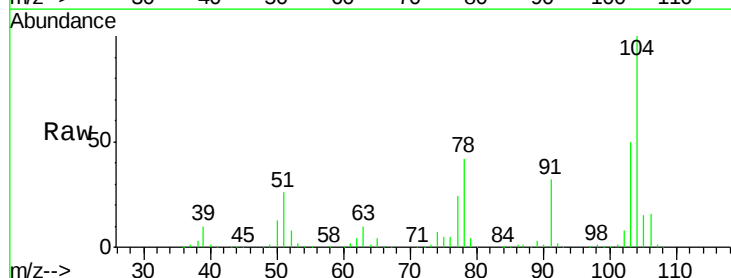


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

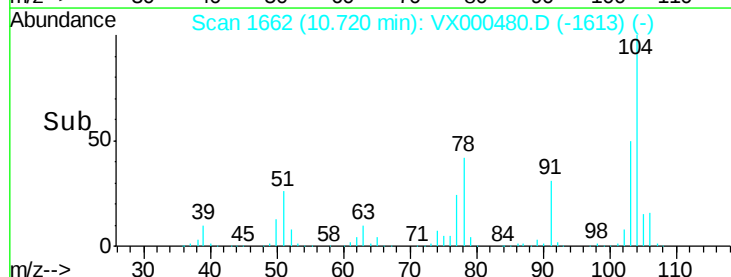
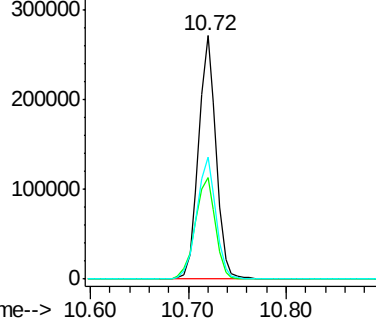


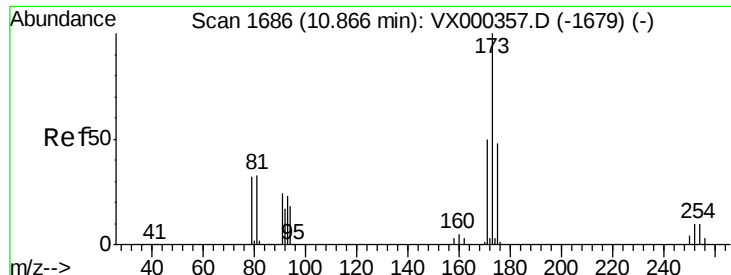
#70
Styrene
Concen: 61.12 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000480.D
Acq: 28 Mar 2018 10:45

Tgt Ion:104 Resp: 339205
Ion Ratio Lower Upper
104 100
78 48.1 40.5 60.7
103 54.8 45.7 68.5



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: 48.92 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

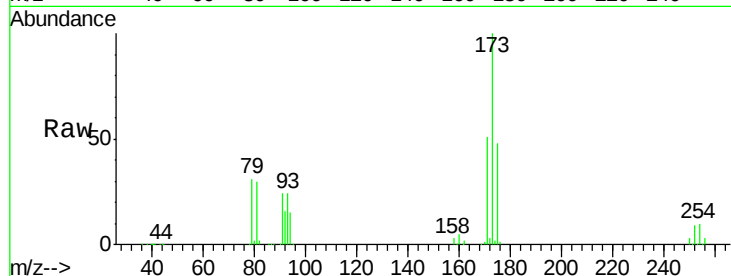
Tgt Ion:173 Resp: 89698

Ion Ratio Lower Upper

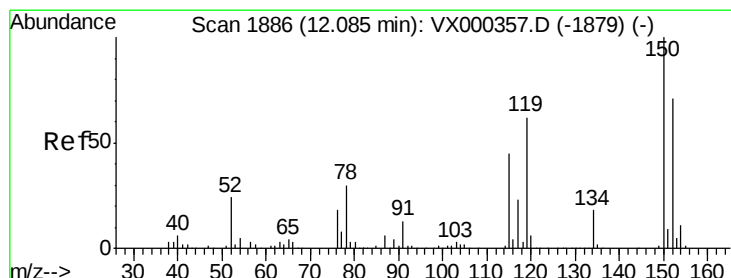
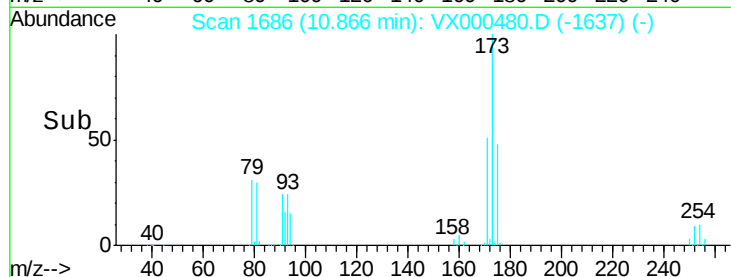
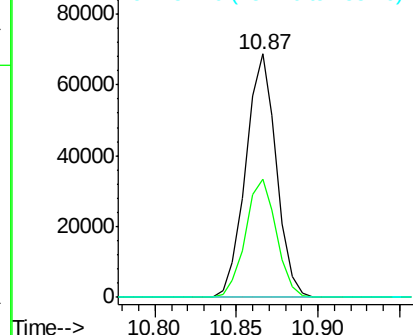
173 100

175 49.1 25.4 76.4

254 0.1 0.0 0.0#



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

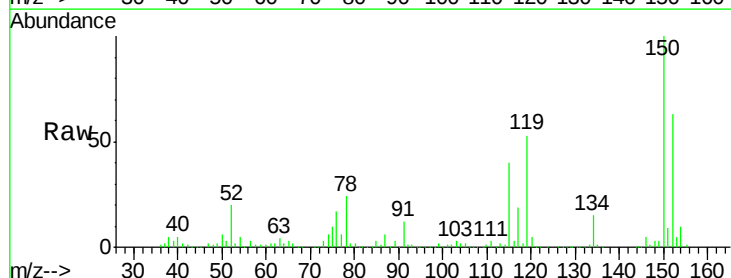
Tgt Ion:152 Resp: 161598

Ion Ratio Lower Upper

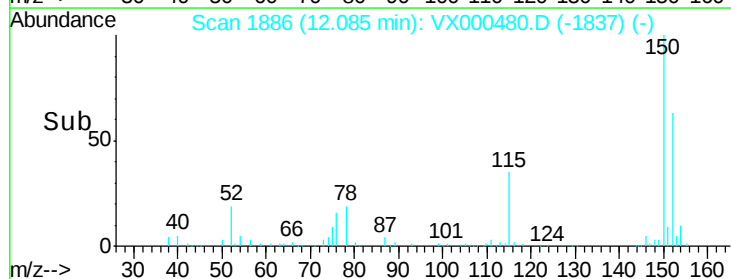
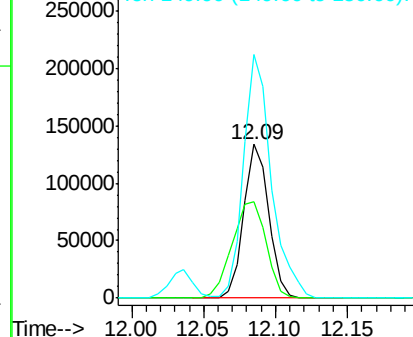
152 100

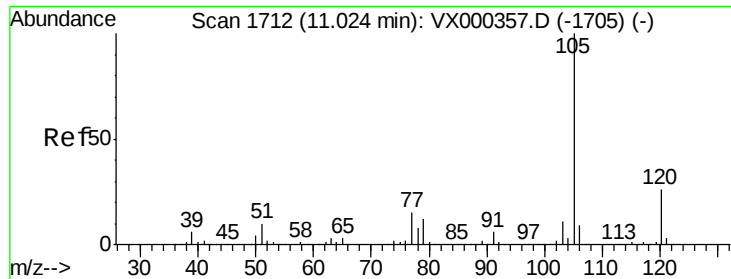
115 85.8 39.8 119.3

150 176.1 0.0 344.4



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





#73

Isopropylbenzene

Concen: 50.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

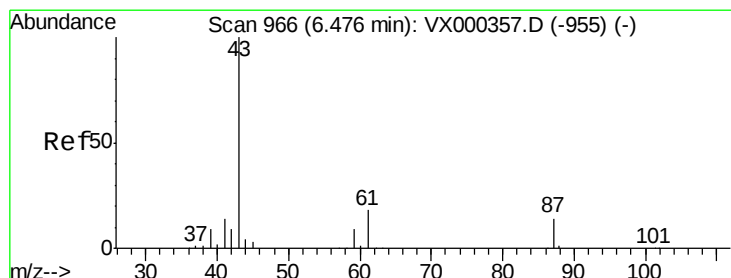
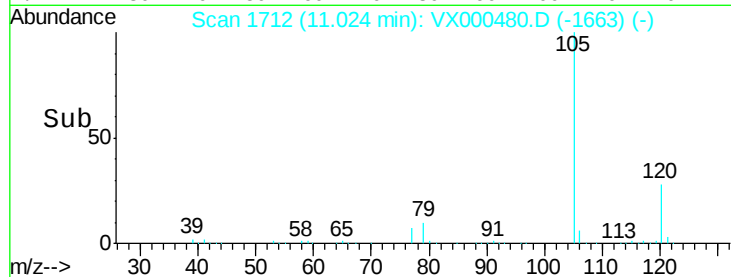
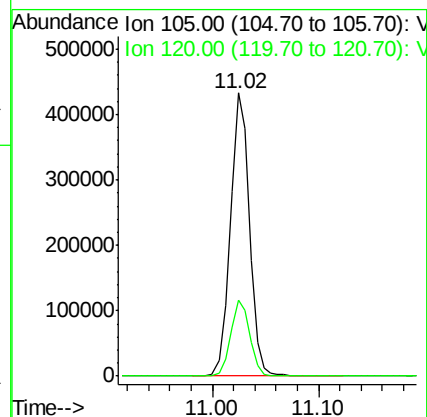
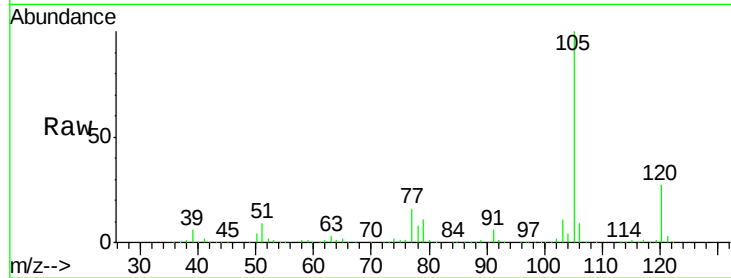
VSTDCCC050

Tgt Ion:105 Resp: 544959

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 54.95 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Tgt Ion: 43 Resp: 254914

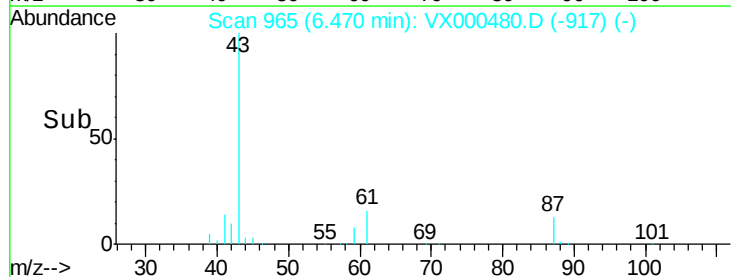
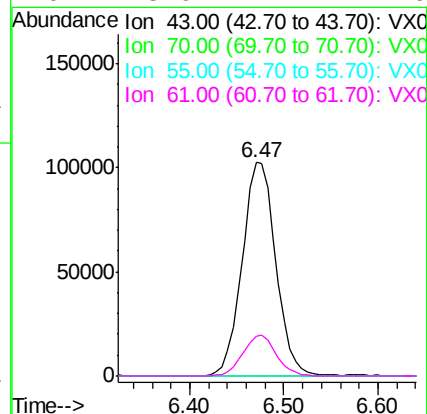
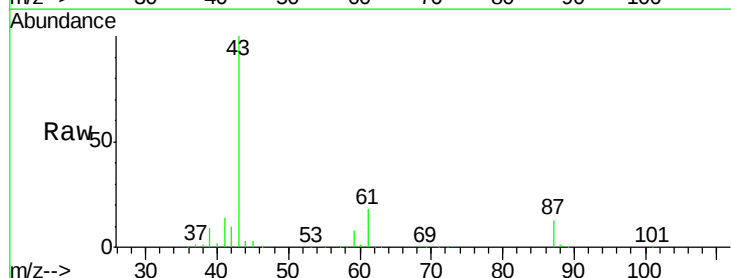
Ion Ratio Lower Upper

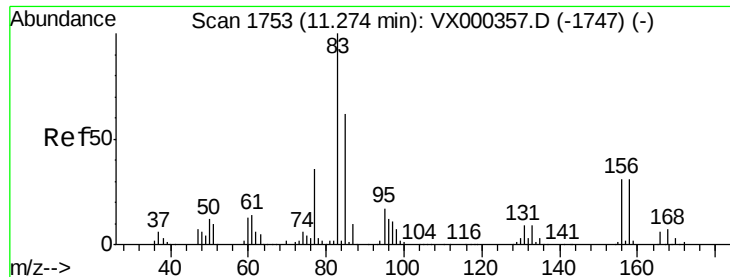
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.84 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

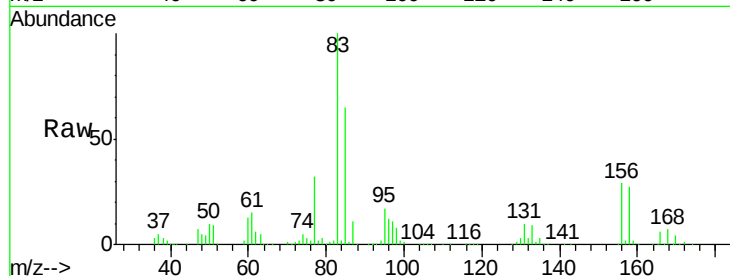
Tgt Ion: 83 Resp: 192525

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

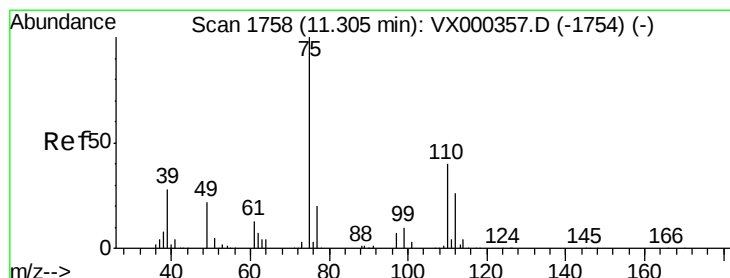
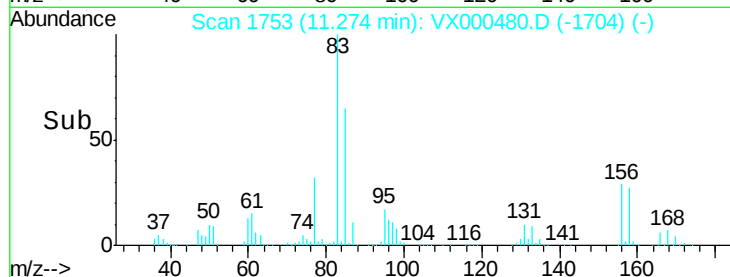
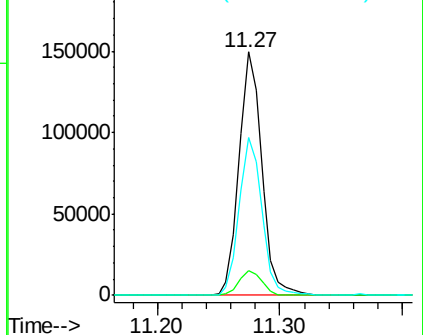
85 65.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.92 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000480.D

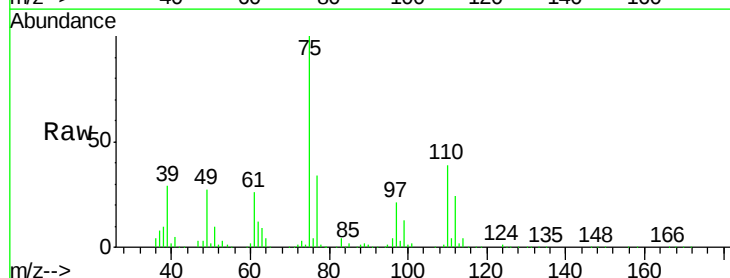
Acq: 28 Mar 2018 10:45

Tgt Ion: 75 Resp: 228937

Ion Ratio Lower Upper

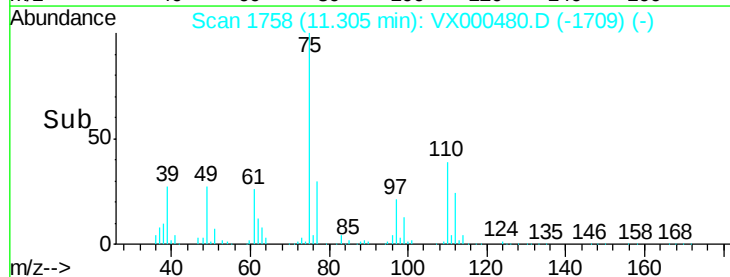
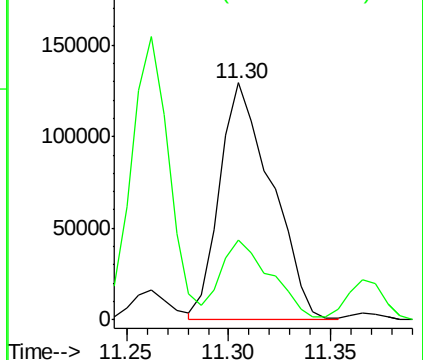
75 100

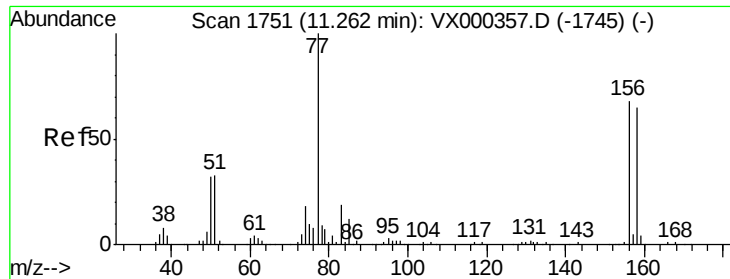
77 32.6 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

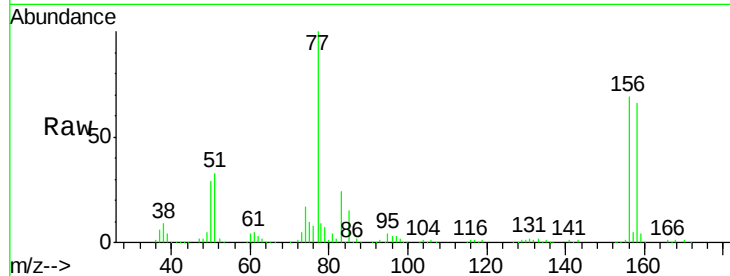
Tgt Ion:156 Resp: 136205

Ion Ratio Lower Upper

156 100

77 146.3 73.4 220.2

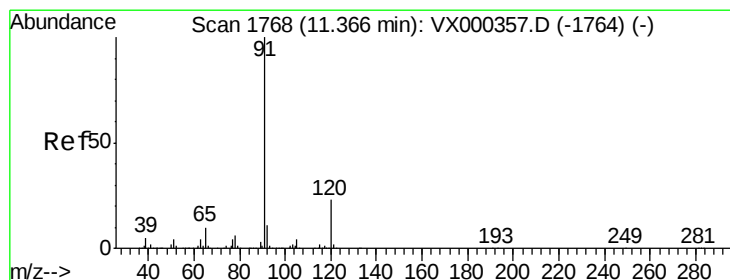
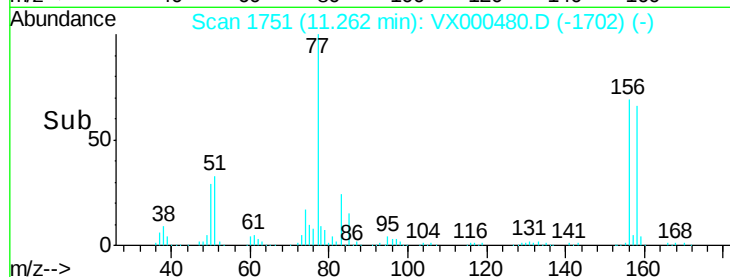
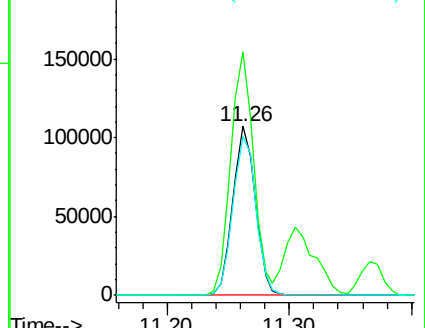
158 97.0 48.5 145.6



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: 51.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000480.D

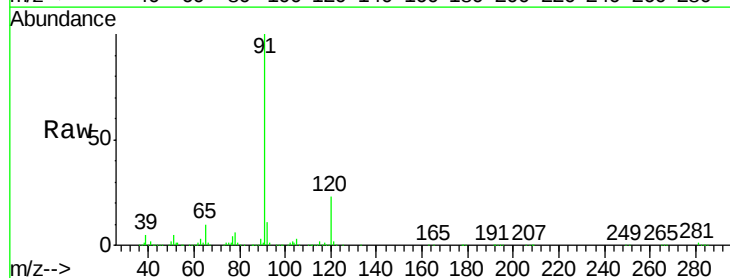
Acq: 28 Mar 2018 10:45

Tgt Ion: 91 Resp: 652835

Ion Ratio Lower Upper

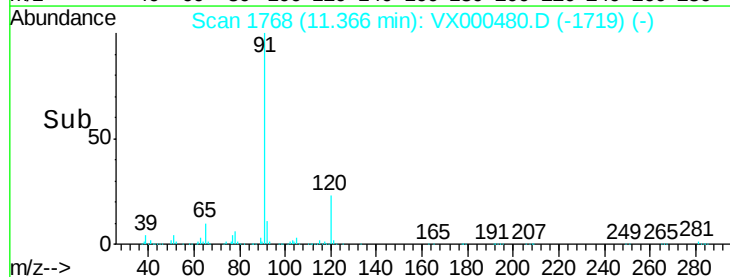
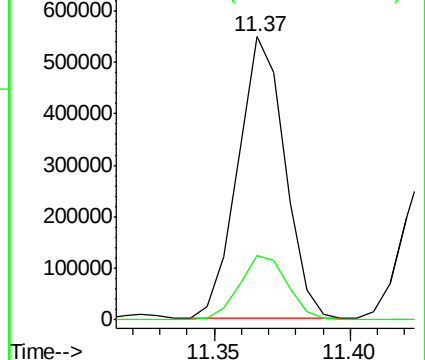
91 100

120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.14 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

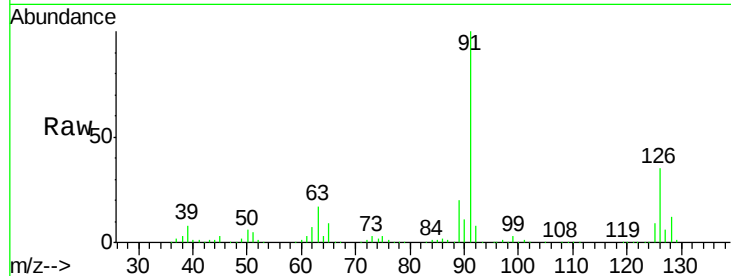
VSTDCCC050

Tgt Ion: 91 Resp: 369763

Ion Ratio Lower Upper

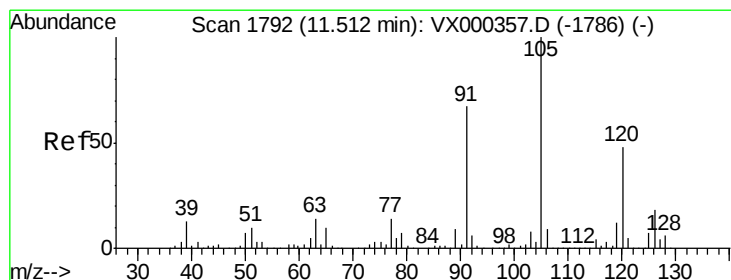
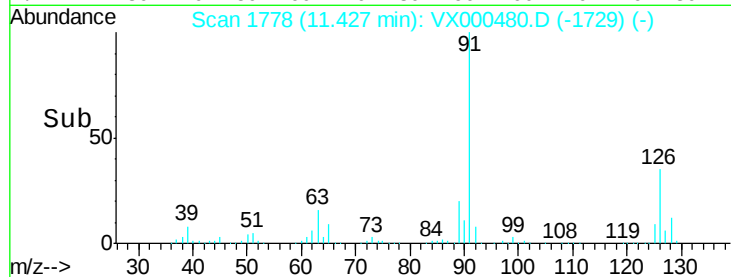
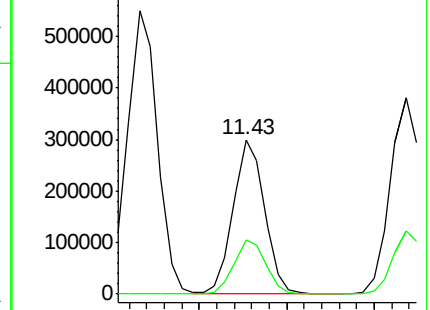
91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000480.D

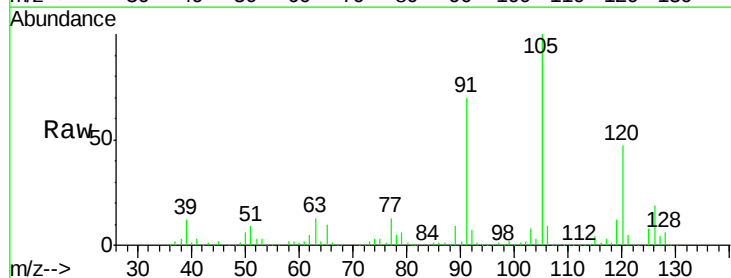
Acq: 28 Mar 2018 10:45

Tgt Ion: 105 Resp: 496023

Ion Ratio Lower Upper

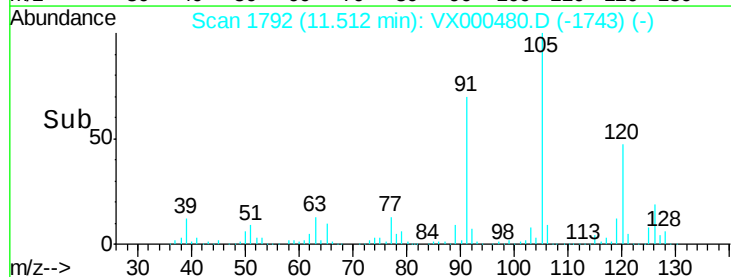
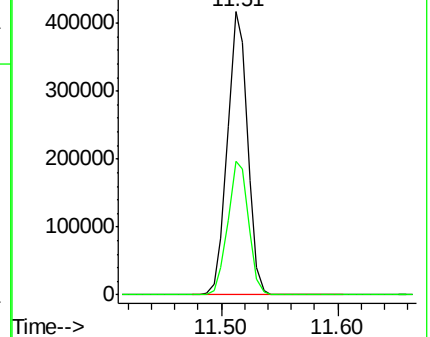
105 100

120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.54 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

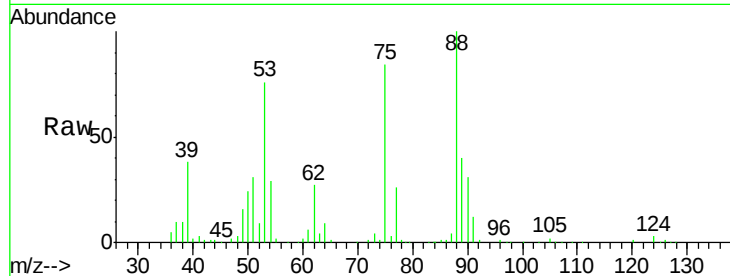
Tgt Ion: 75 Resp: 58502

Ion Ratio Lower Upper

75 100

53 102.3 80.7 121.1

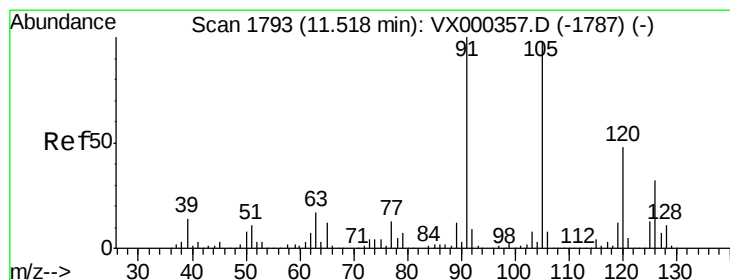
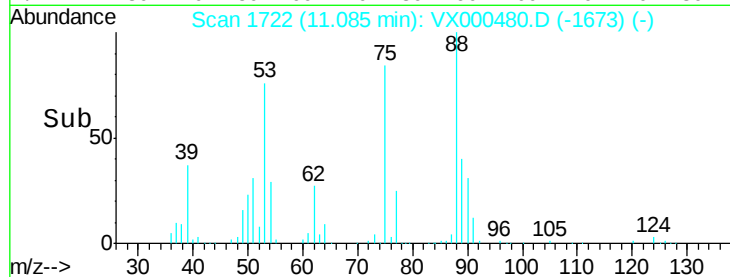
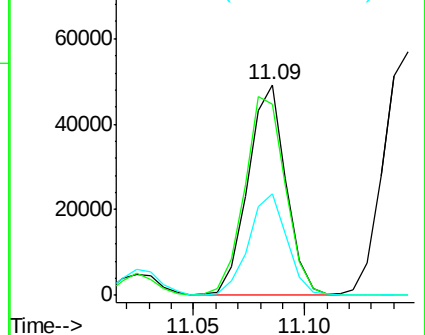
89 48.9 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000480.D

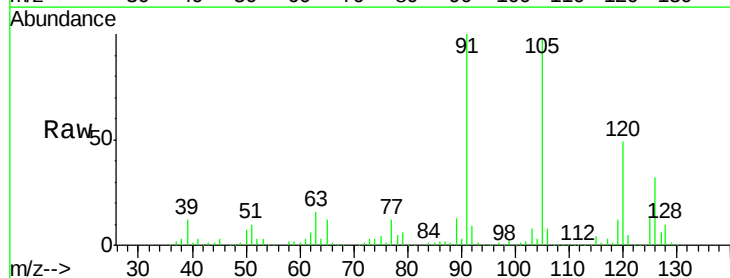
Acq: 28 Mar 2018 10:45

Tgt Ion: 91 Resp: 473655

Ion Ratio Lower Upper

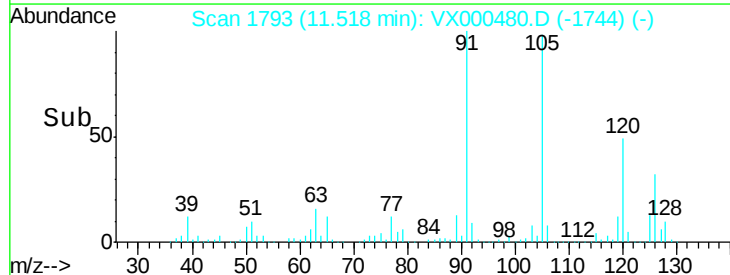
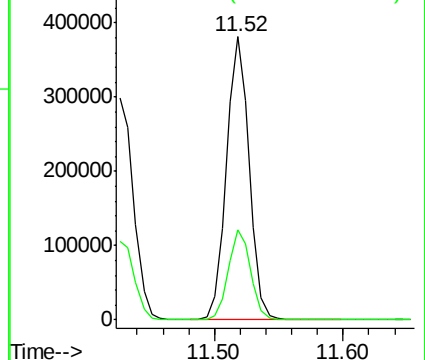
91 100

126 31.5 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

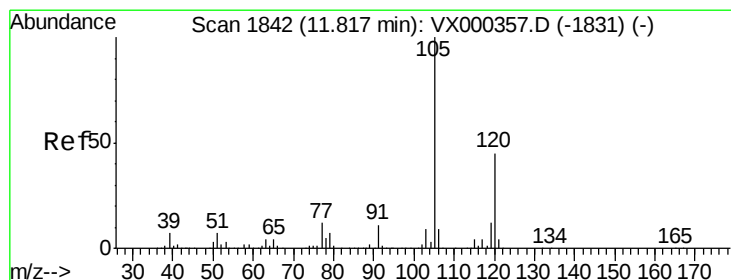
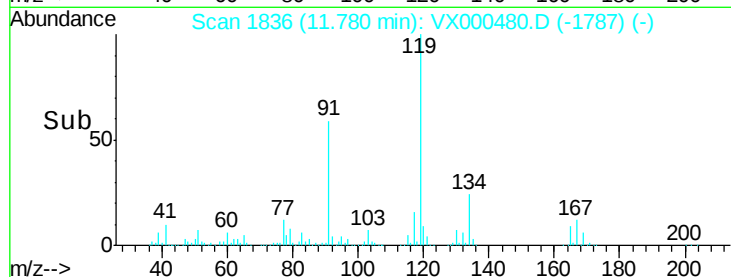
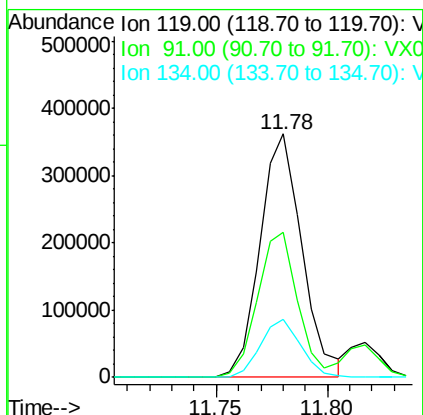
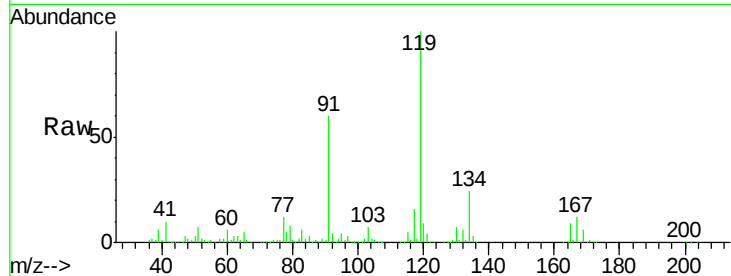




#83
 tert-Butylbenzene
 Concen: 52.27 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

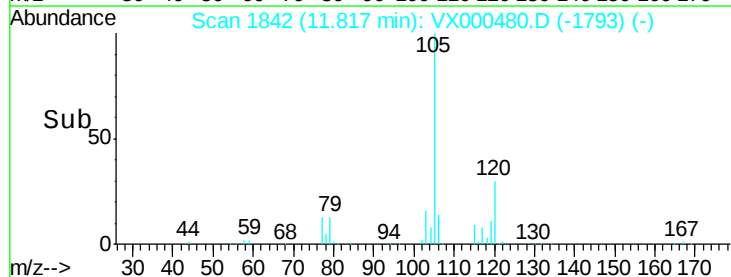
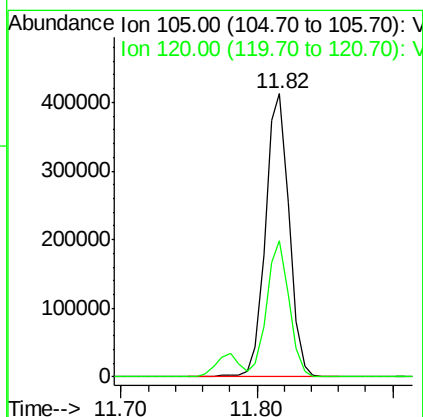
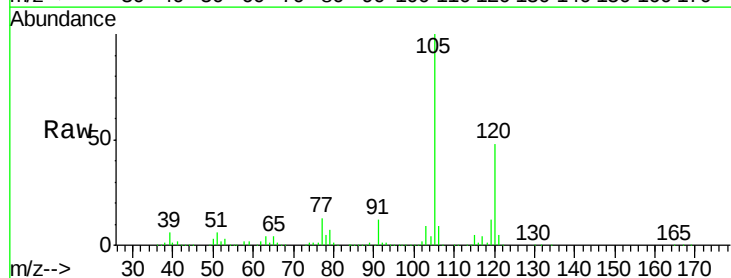
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

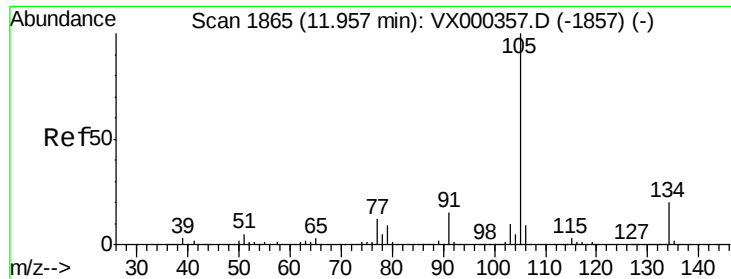
Tgt Ion:119 Resp: 474555
 Ion Ratio Lower Upper
 119 100
 91 57.0 28.8 86.4
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.50 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion:105 Resp: 504997
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3

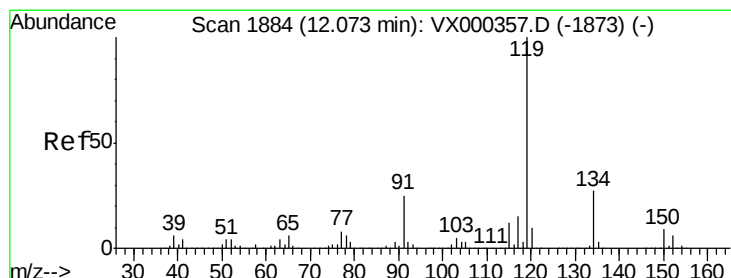
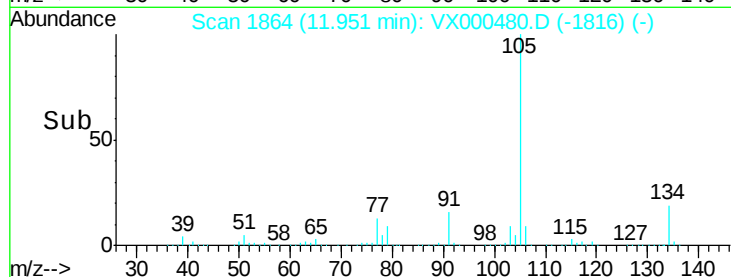
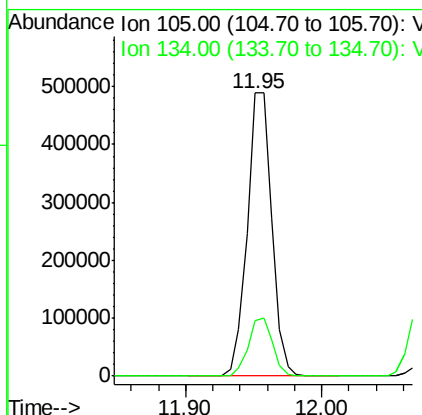
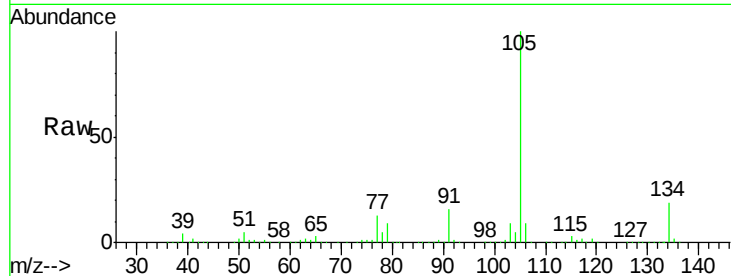




#85
 sec-Butylbenzene
 Concen: 55.14 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

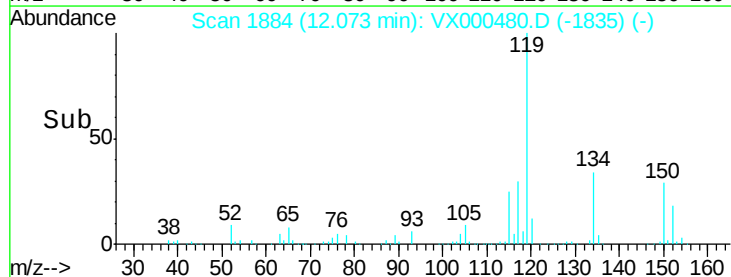
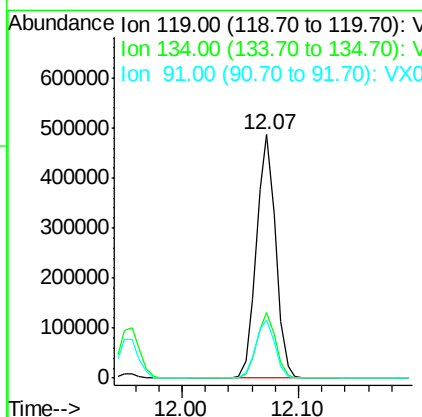
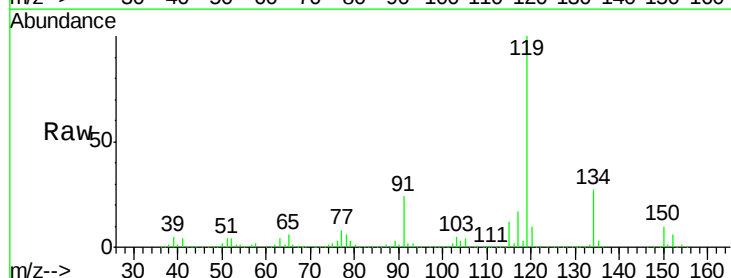
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 619485
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 56.24 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion:119 Resp: 561181
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 24.3 12.0 36.1

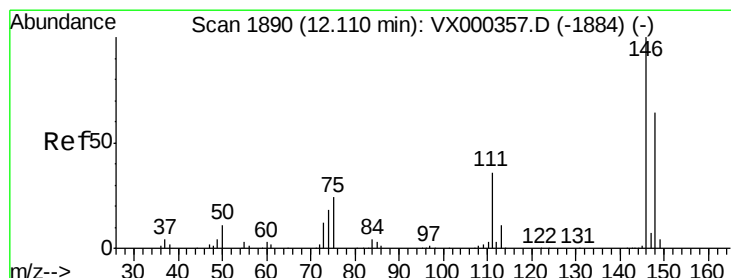
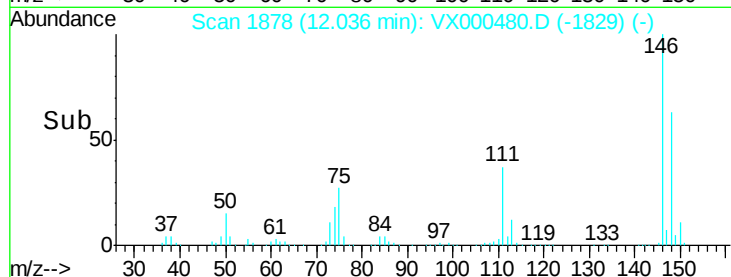
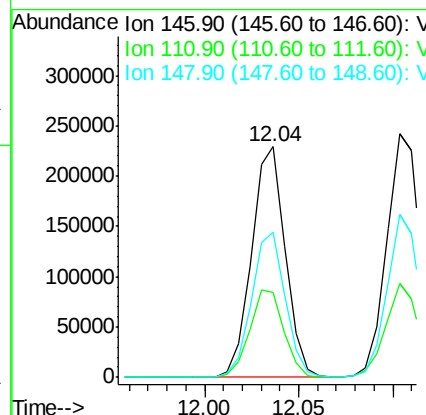
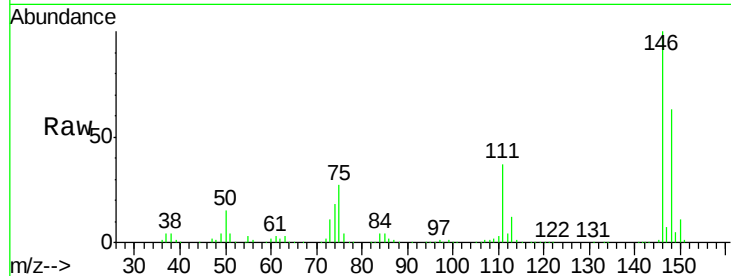




#87
 1,3-Dichlorobenzene
 Concen: 52.53 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

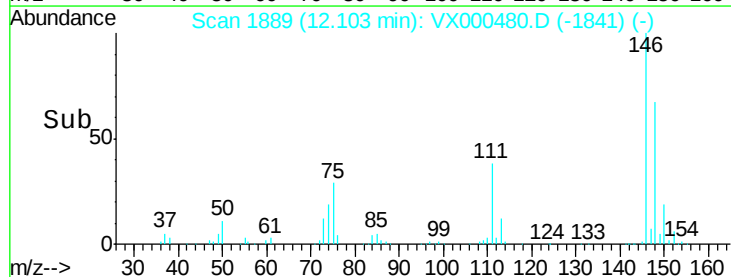
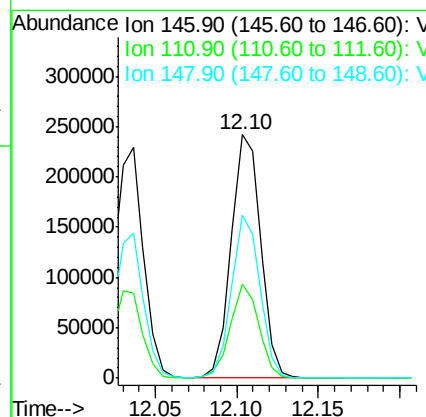
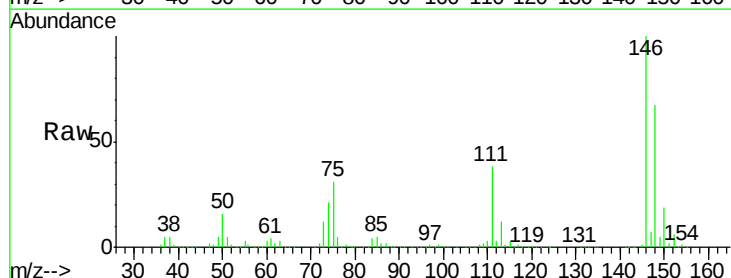
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

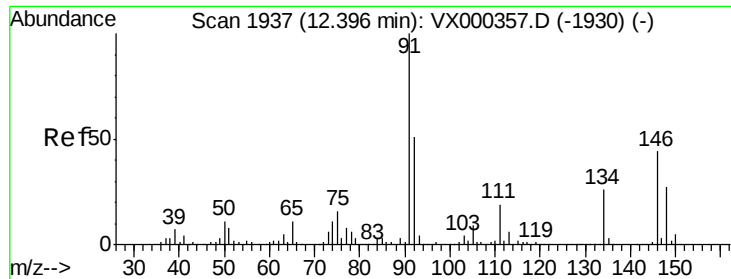
Tgt Ion:146 Resp: 283323
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.5 58.5
 148 63.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 53.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion:146 Resp: 304434
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.5 31.0 93.0





#89

n-Butylbenzene

Concen: 56.75 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

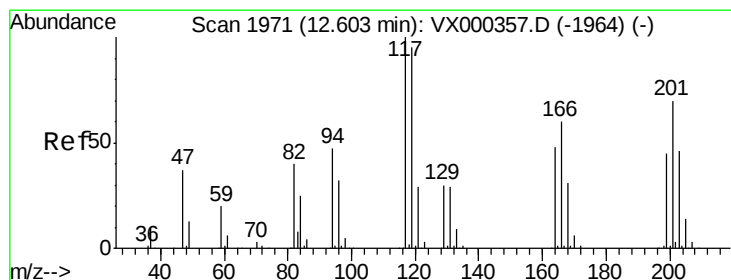
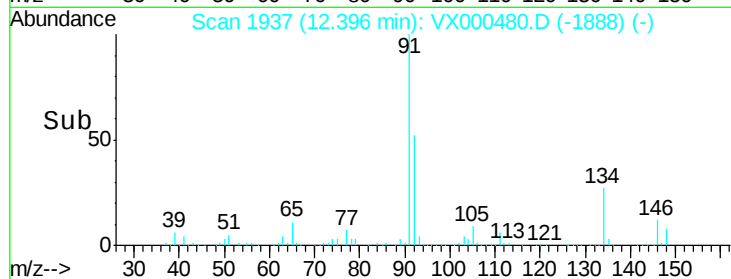
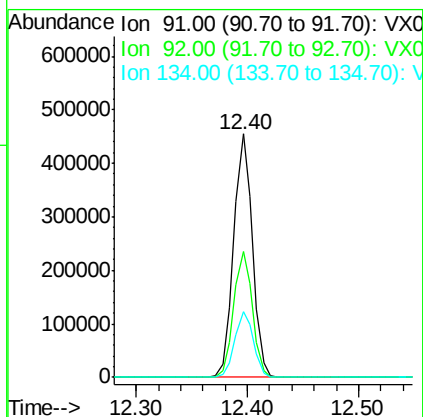
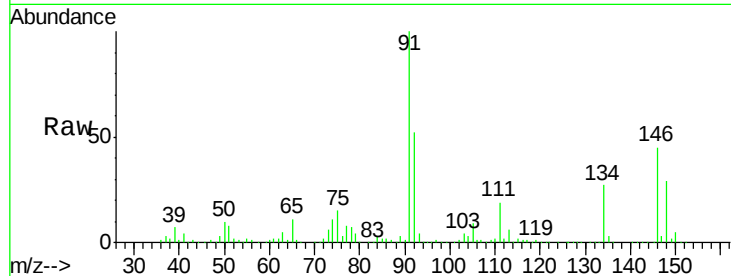
Tgt Ion: 91 Resp: 527195

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.8

134 26.9 13.1 39.3



#90

Hexachloroethane

Concen: 54.16 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000480.D

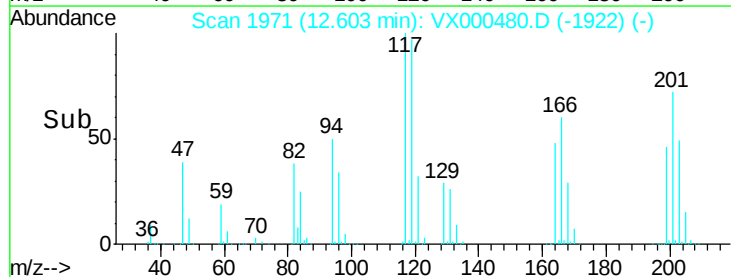
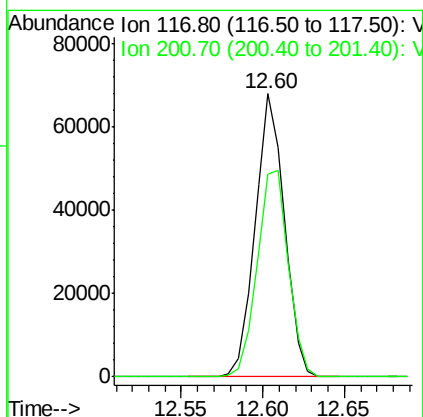
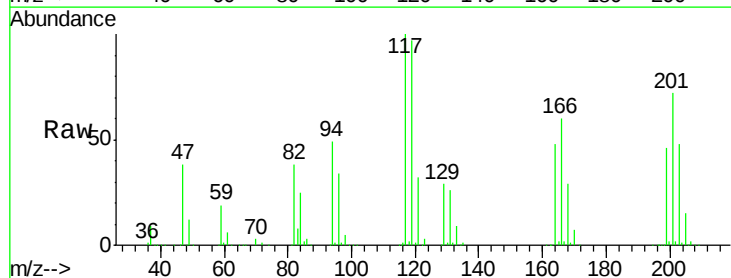
Acq: 28 Mar 2018 10:45

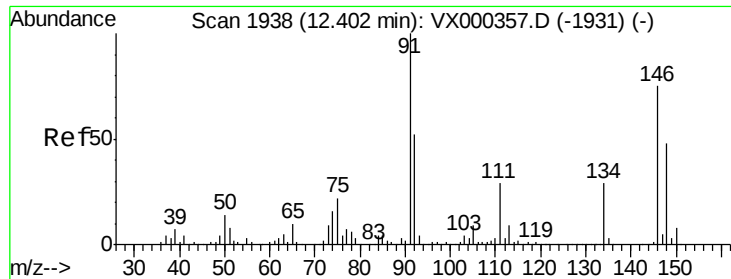
Tgt Ion: 117 Resp: 85054

Ion Ratio Lower Upper

117 100

201 77.7 37.9 113.6

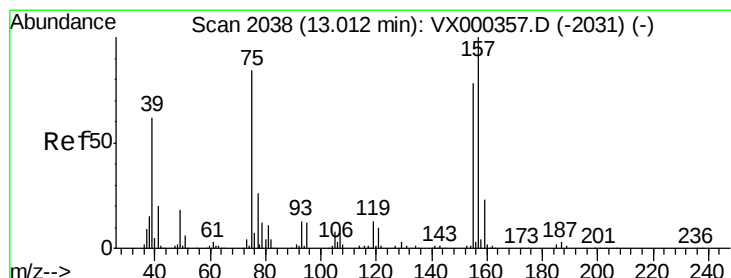
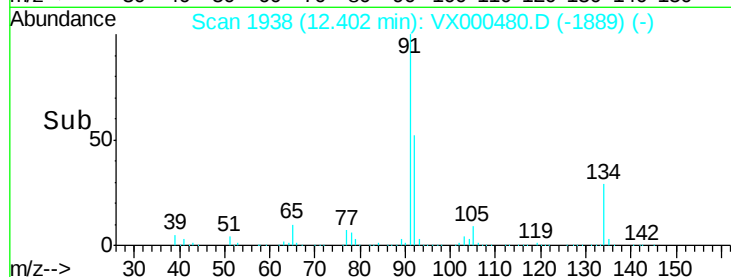
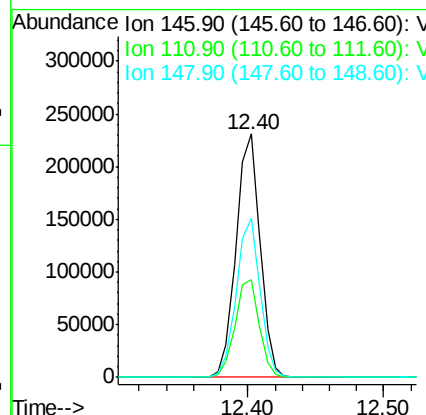
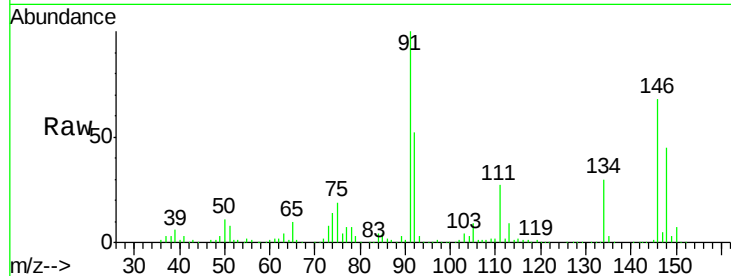




#91
 1,2-Dichlorobenzene
 Concen: 53.67 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

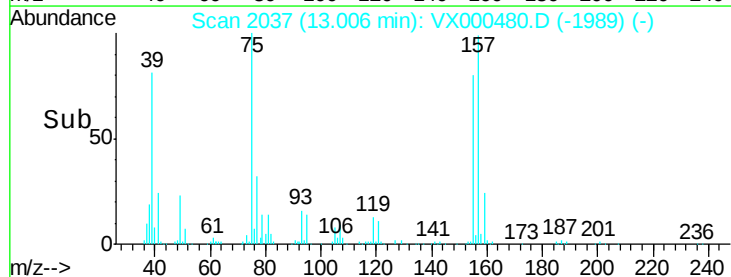
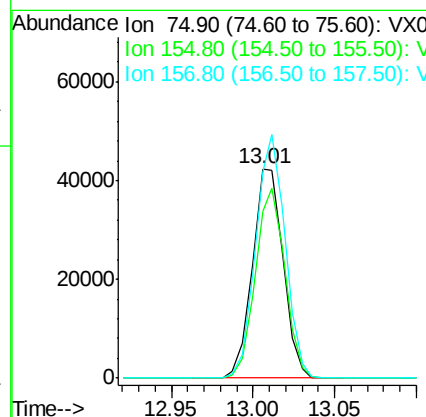
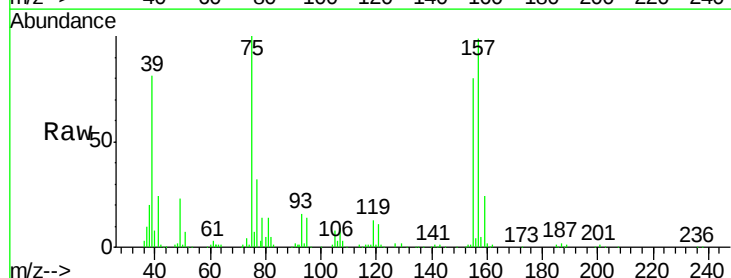
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

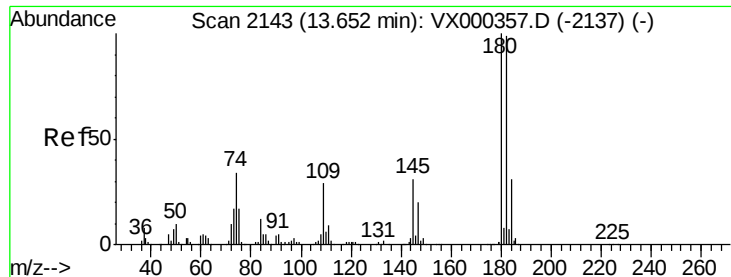
Tgt Ion: 146 Resp: 283767
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.2
 148 64.6 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.82 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion: 75 Resp: 55789
 Ion Ratio Lower Upper
 75 100
 155 86.9 45.0 134.8
 157 110.8 58.1 174.2

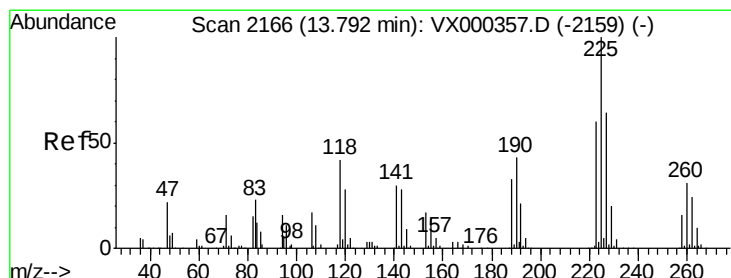
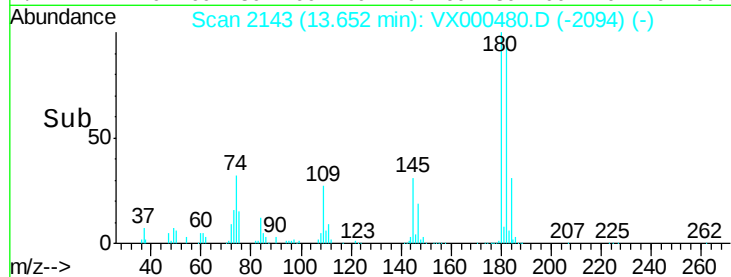
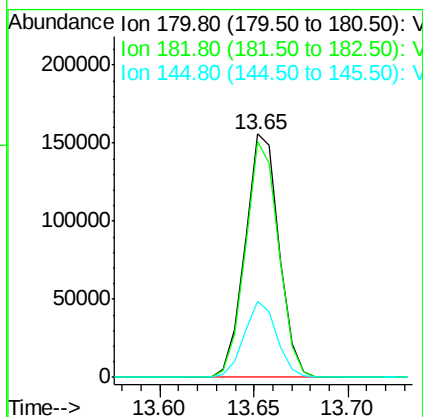
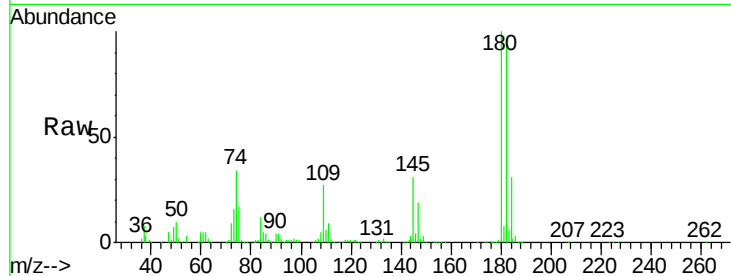




#93
 1,2,4-Trichlorobenzene
 Concen: 51.25 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

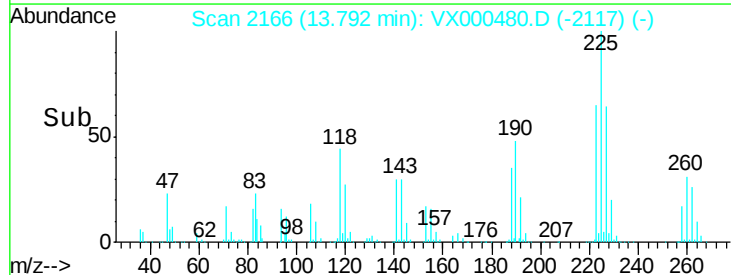
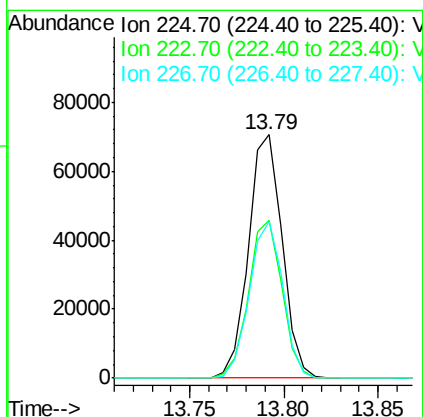
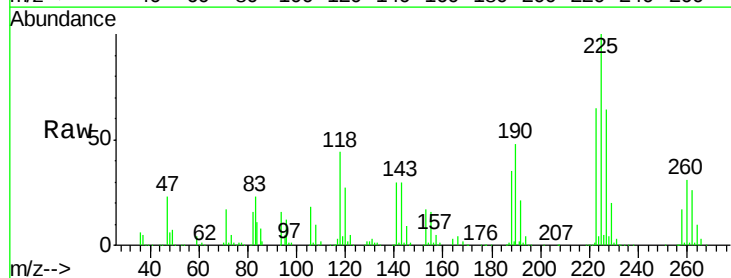
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

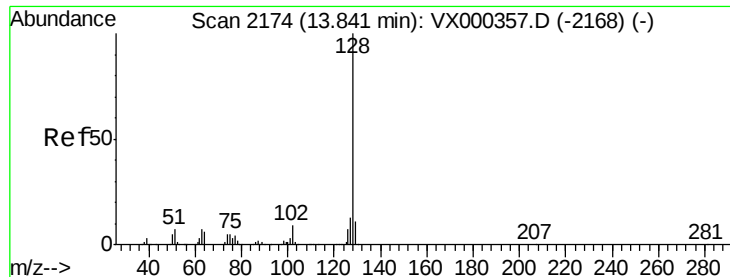
Tgt Ion:180 Resp: 194256
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 30.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 55.75 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000480.D
 Acq: 28 Mar 2018 10:45

Tgt Ion:225 Resp: 87493
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.0 96.0
 227 63.5 32.6 98.0





#95

Naphthalene

Concen: 52.47 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

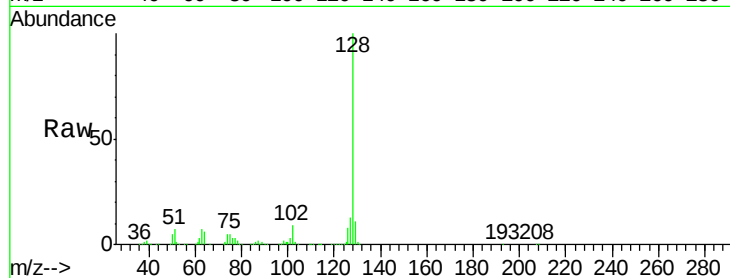
Tgt Ion:128 Resp: 692880

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

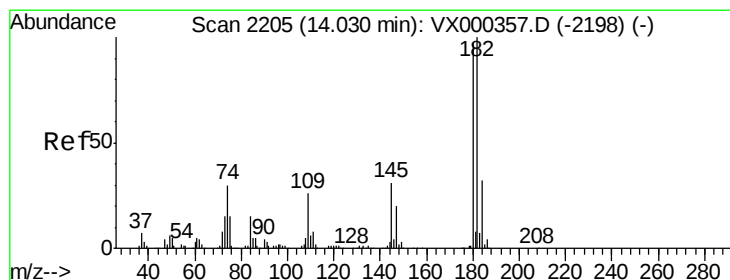
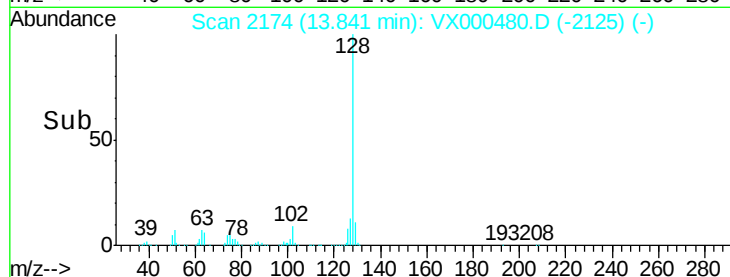
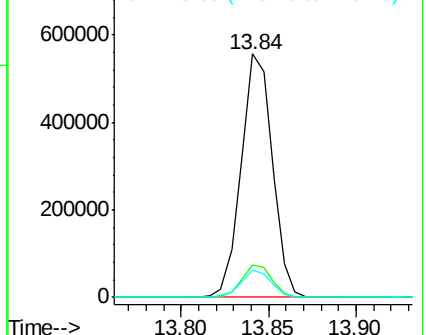
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.33 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000480.D

Acq: 28 Mar 2018 10:45

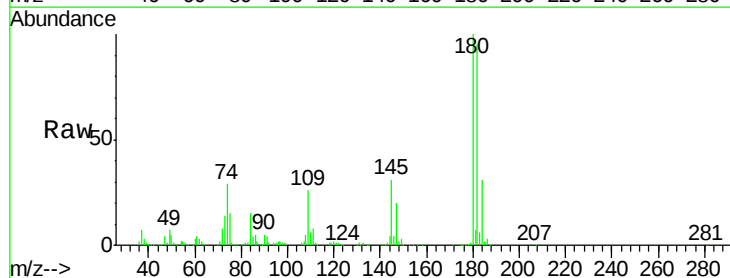
Tgt Ion:180 Resp: 196009

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 31.7 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

