

Data File : VX001284.D

Acq On : 01 May 2018 17:55

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 02 02:04:52 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	250582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	127402	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	5.51	113	108737	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.72	98	412272	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.14	95	161376	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113757	50.78	ug/l	99
3) Chloromethane	1.32	50	107765	49.00	ug/l	98
4) Vinyl Chloride	1.40	62	110067	47.55	ug/l	98
5) Bromomethane	1.64	94	89143	51.70	ug/l	98
6) Chloroethane	1.72	64	69374	47.41	ug/l	99
7) Trichlorofluoromethane	1.93	101	193427	49.51	ug/l	99
8) Diethyl Ether	2.19	74	64948	48.41	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111230	49.37	ug/l	99
10) Methyl Iodide	2.51	142	101007	41.91	ug/l	99
11) Tert butyl alcohol	3.08	59	126476	262.25	ug/l	100
12) 1,1-Dichloroethene	2.37	96	96627	47.57	ug/l	98
13) Acrolein	2.29	56	59574	214.54	ug/l	99
14) Allyl chloride	2.73	41	172518	48.54	ug/l	99
15) Acrylonitrile	3.15	53	273450	244.64	ug/l	100
16) Acetone	2.45	43	280387	234.33	ug/l	100
17) Carbon Disulfide	2.57	76	243596	46.03	ug/l	98
18) Methyl Acetate	2.78	43	142153	50.30	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	335785	48.53	ug/l	100
20) Methylene Chloride	2.86	84	106063	49.10	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	103676	46.89	ug/l	99
22) Diisopropyl ether	3.88	45	315923	46.16	ug/l	98
23) Vinyl Acetate	3.83	43	1353888	233.43	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185782	48.73	ug/l	99
25) 2-Butanone	4.71	43	381968	236.10	ug/l	99
26) 2,2-Dichloropropane	4.59	77	145172	46.79	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	112093	46.13	ug/l	98
28) Bromochloromethane	5.03	49	86015	50.19	ug/l	100
29) Tetrahydrofuran	5.17	42	239281	240.49	ug/l	99
30) Chloroform	5.22	83	187854	46.61	ug/l	99
31) Cyclohexane	5.58	56	160700	46.67	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	168150	47.74	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142134	46.95	ug/l	99
37) Ethyl Acetate	4.87	43	147438	48.23	ug/l	100
38) Carbon Tetrachloride	5.79	117	152867	48.20	ug/l	96

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 02 02:04:52 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175921	49.13	ug/l	99
40) Benzene	6.15	78	410308	47.11	ug/l	98
41) Methacrylonitrile	5.07	41	84428	47.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	156201	46.32	ug/l	99
43) Isopropyl Acetate	6.48	43	243228	49.15	ug/l	99
44) Trichloroethene	7.22	130	124894	46.85	ug/l	98
45) 1,2-Dichloropropane	7.52	63	104018	46.51	ug/l	99
46) Dibromomethane	7.67	93	74009	47.21	ug/l	99
47) Bromodichloromethane	7.90	83	139549	49.79	ug/l	97
48) Methyl methacrylate	7.78	41	128939	49.01	ug/l	99
49) 1,4-Dioxane	7.76	88	53112	1069.80	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	807553	253.11	ug/l	99
52) Toluene	8.79	92	273394	48.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	164829	49.45	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	156149	50.92	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	111768	48.60	ug/l	99
56) Ethyl methacrylate	9.19	69	162189	50.90	ug/l	99
57) 1,3-Dichloropropane	9.38	76	179506	48.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	398191	259.03	ug/l	100
59) 2-Hexanone	9.51	43	630180	252.71	ug/l	99
60) Dibromochloromethane	9.59	129	123884	51.65	ug/l	98
61) 1,2-Dibromoethane	9.68	107	120032	49.25	ug/l	99
64) Tetrachloroethene	9.34	164	143868	48.46	ug/l	97
65) Chlorobenzene	10.14	112	325084	47.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	118896	50.26	ug/l	99
67) Ethyl Benzene	10.26	91	541899	48.25	ug/l	99
68) m/p-Xylenes	10.37	106	439184	99.39	ug/l	100
69) o-Xylene	10.70	106	209929	48.98	ug/l	99
70) Styrene	10.72	104	350251	49.97	ug/l	100
71) Bromoform	10.87	173	103070	45.49	ug/l	99
73) Isopropylbenzene	11.02	105	577519	48.32	ug/l	99
74) N-amyl acetate	6.48	43	243228	47.44	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	170244	47.55	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194659	58.93	ug/l	89
77) Bromobenzene	11.26	156	164141	47.62	ug/l	100
78) n-propylbenzene	11.37	91	655481	49.35	ug/l	100
79) 2-Chlorotoluene	11.43	91	385703	48.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	501025	49.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45644	45.38	ug/l	100
82) 4-Chlorotoluene	11.52	91	465128	48.25	ug/l	99
83) tert-Butylbenzene	11.77	119	486698	48.63	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	515795	50.15	ug/l	100
85) sec-Butylbenzene	11.95	105	604443	50.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	564646	51.40	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	304433	47.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310393	46.78	ug/l	100
89) n-Butylbenzene	12.40	91	493188	51.44	ug/l	100
90) Hexachloroethane	12.60	117	81927	51.50	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	304567	47.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38762	53.57	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

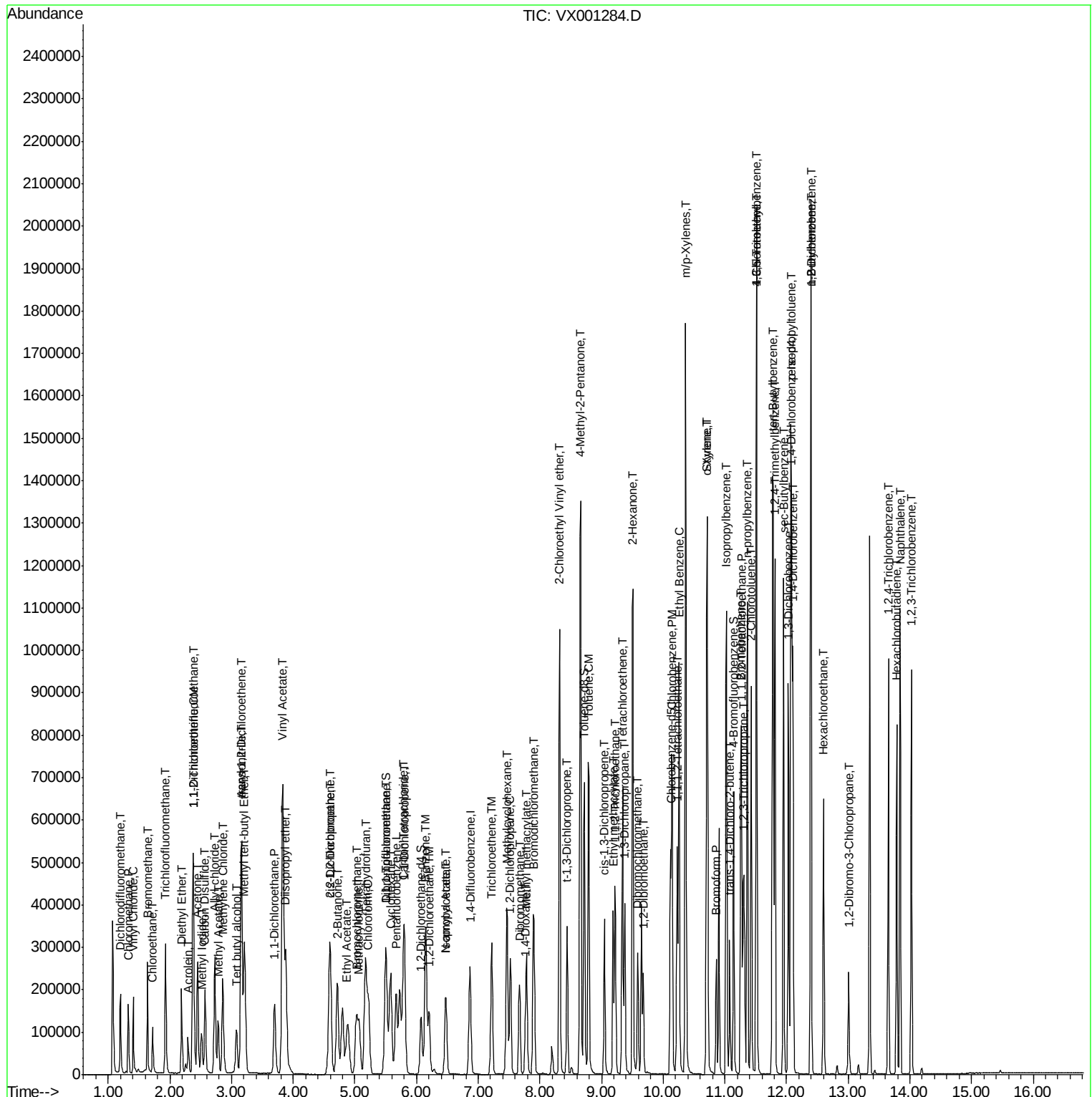
Quant Time: May 02 02:04:52 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

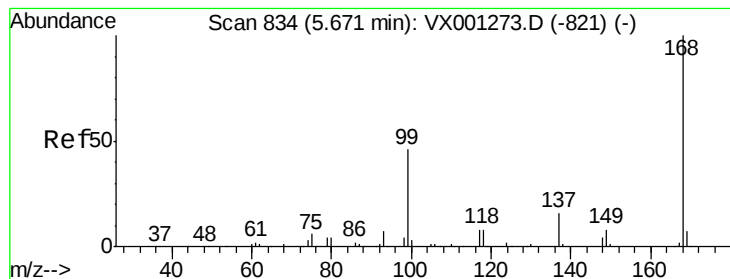
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245266	47.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	130920	48.56	ug/l	100
95) Naphthalene	13.84	128	650920	49.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	245818	48.60	ug/l	99

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

ALS Vial : 17 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

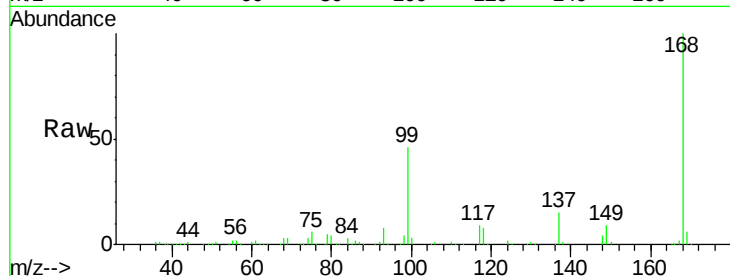
VSTDCCC050

Tgt Ion:168 Resp: 202499

Ion Ratio Lower Upper

168 100

99 45.8 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

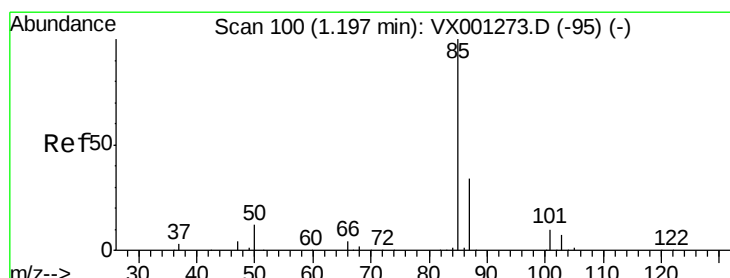
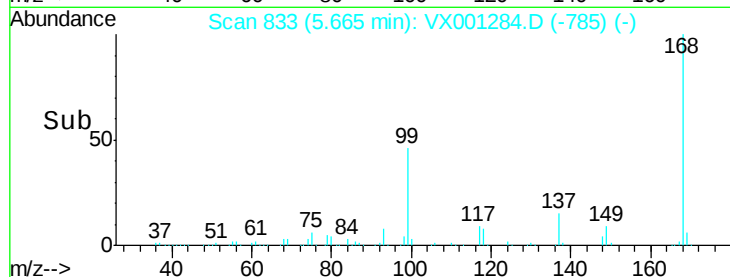
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001284.D

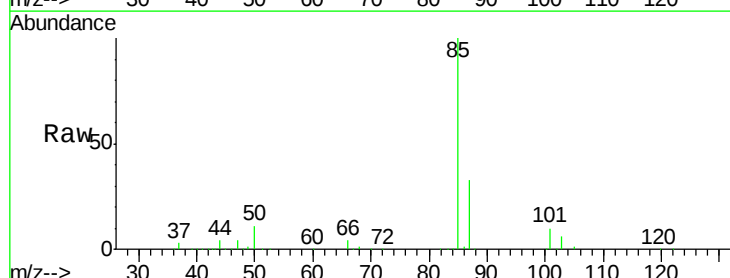
Acq: 01 May 2018 17:55

Tgt Ion: 85 Resp: 113757

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

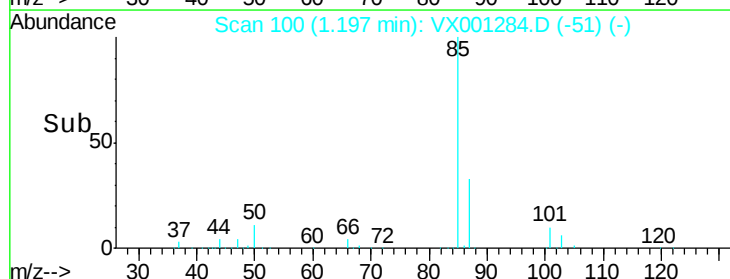
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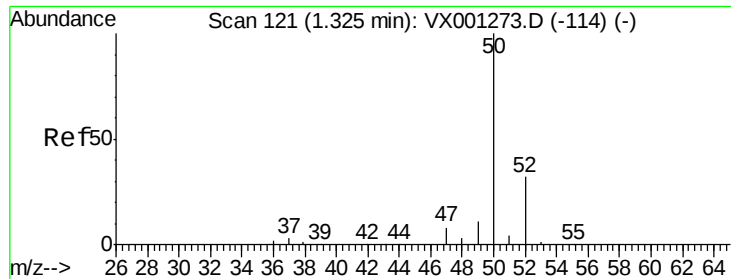
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampled :

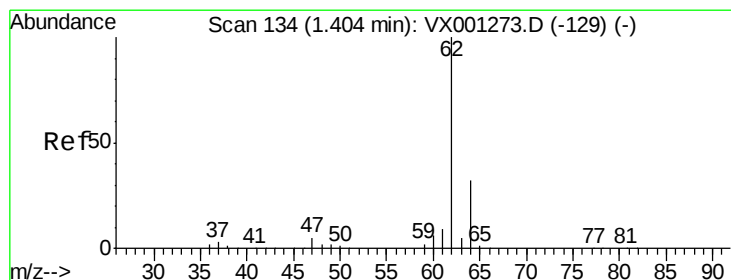
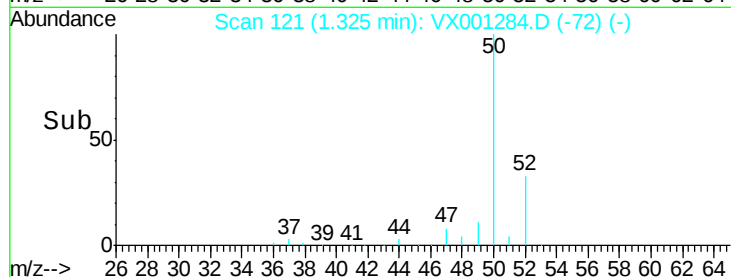
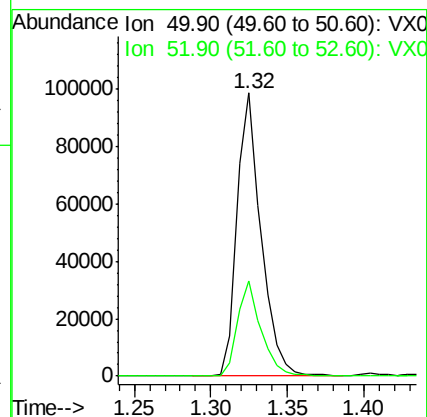
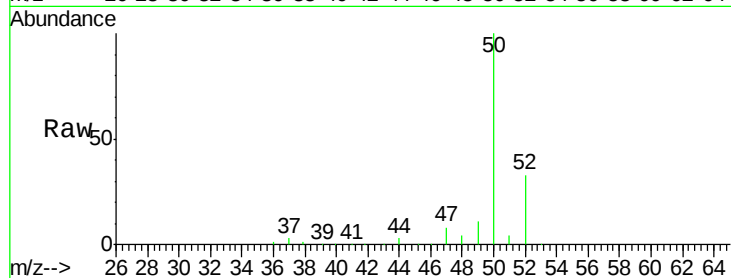
VSTDCCC050

Tgt Ion: 50 Resp: 107765

Ion Ratio Lower Upper

50 100

52 33.4 25.7 38.5



#4

Vinyl Chloride

Concen: 47.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001284.D

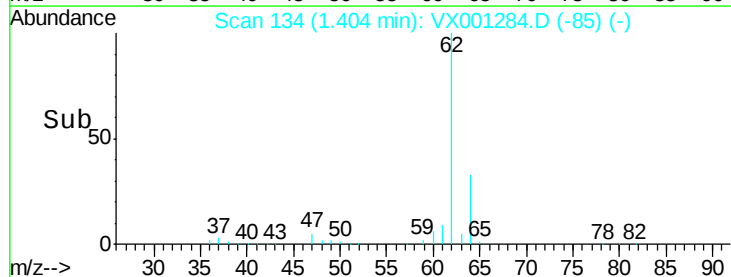
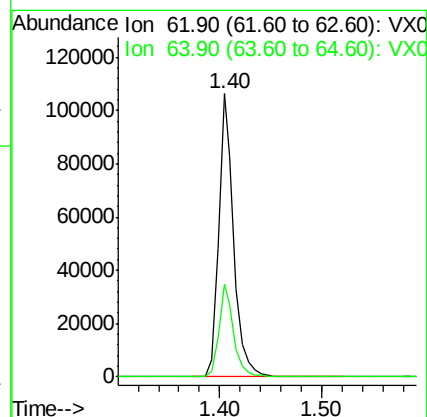
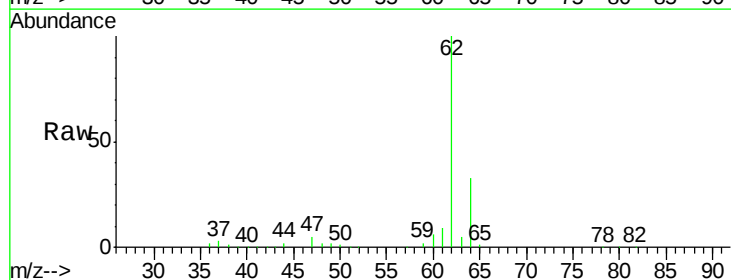
Acq: 01 May 2018 17:55

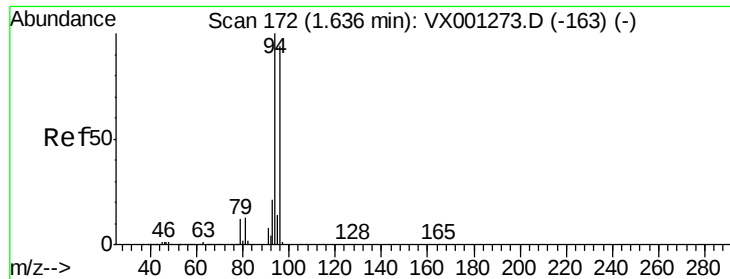
Tgt Ion: 62 Resp: 110067

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2





#5

Bromomethane

Concen: 51.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

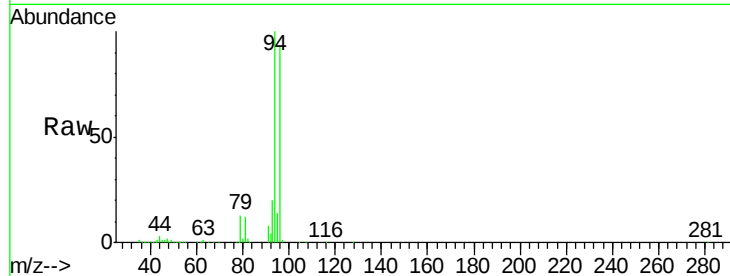
VSTDCCC050

Tgt Ion: 94 Resp: 89143

Ion Ratio Lower Upper

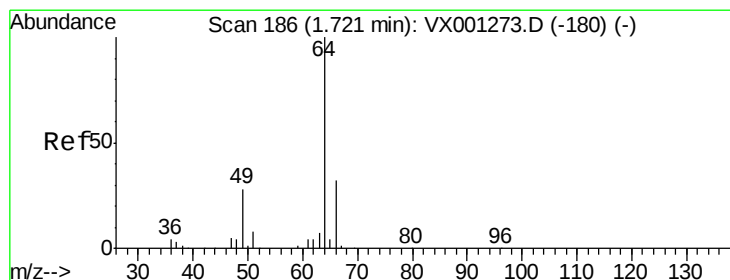
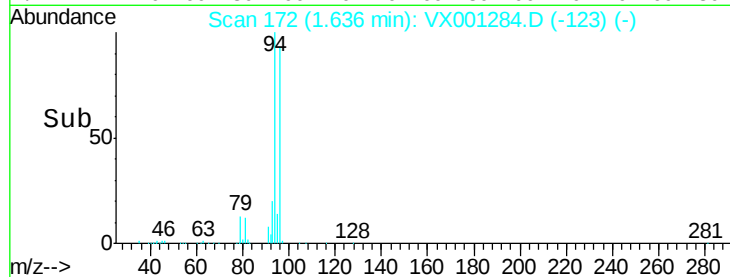
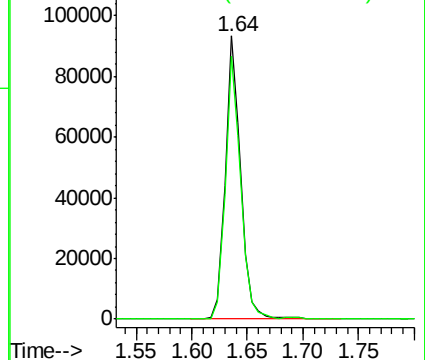
94 100

96 93.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.41 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001284.D

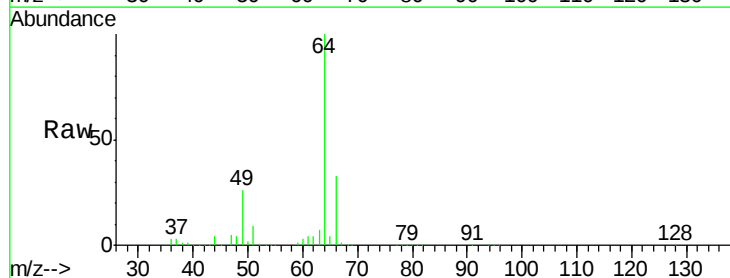
Acq: 01 May 2018 17:55

Tgt Ion: 64 Resp: 69374

Ion Ratio Lower Upper

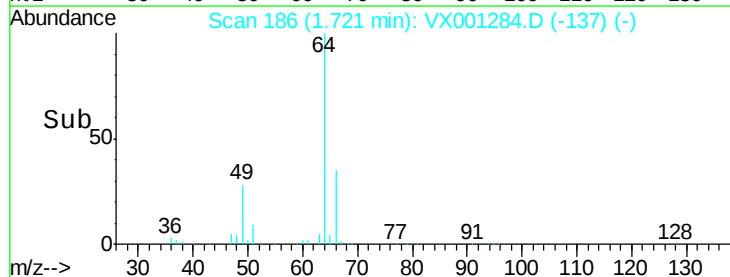
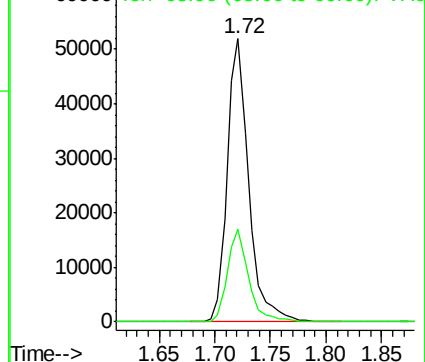
64 100

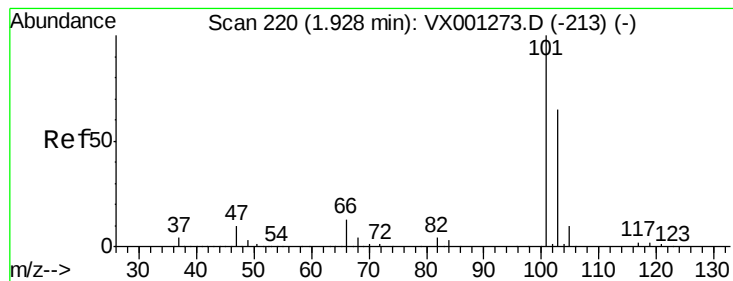
66 32.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.51 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

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ClientSampleId :

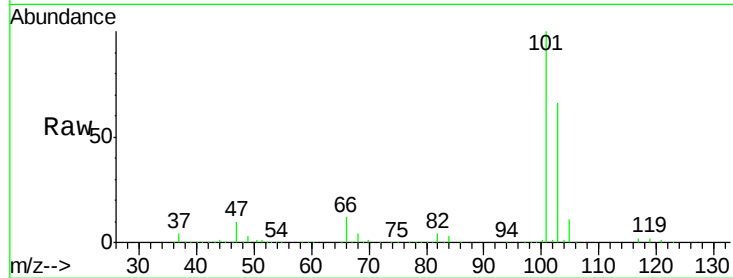
VSTDCCC050

Tgt Ion:101 Resp: 193427

Ion Ratio Lower Upper

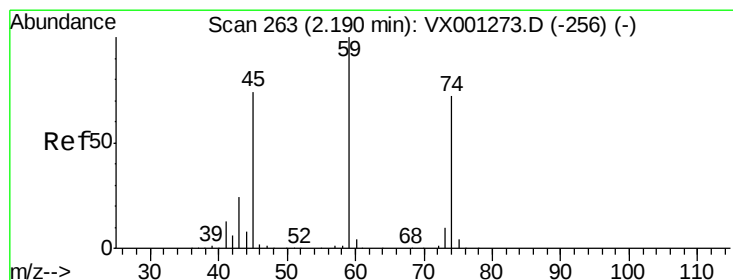
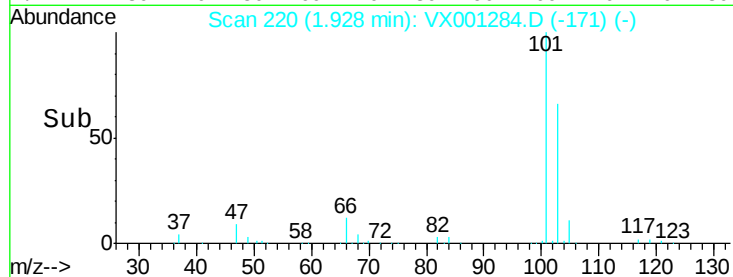
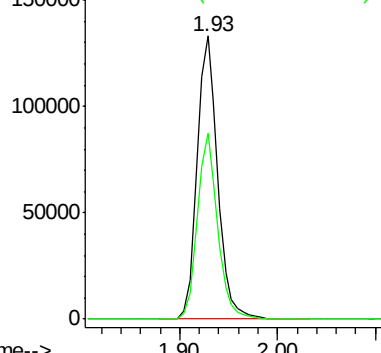
101 100

103 65.8 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.41 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001284.D

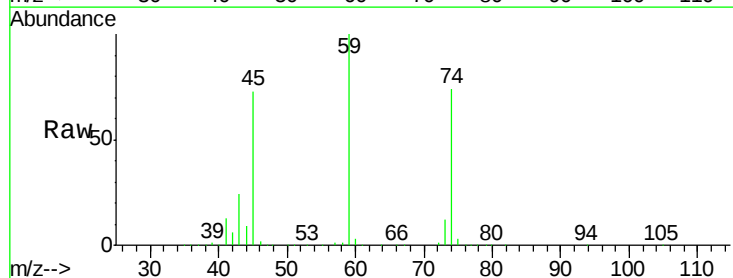
Acq: 01 May 2018 17:55

Tgt Ion: 74 Resp: 64948

Ion Ratio Lower Upper

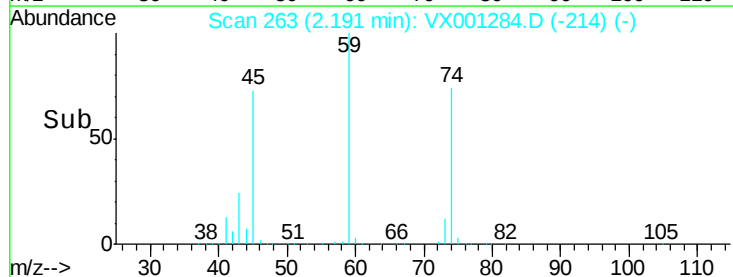
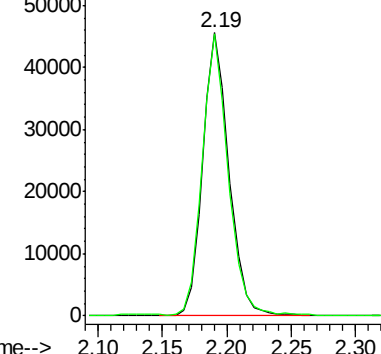
74 100

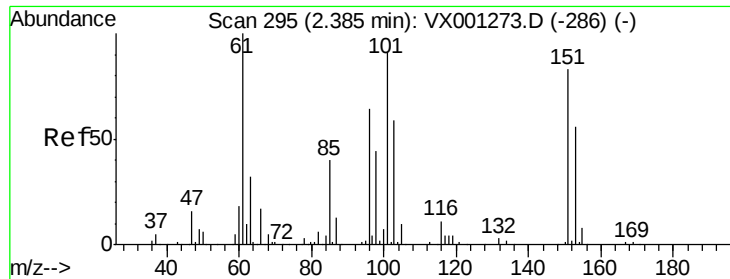
45 97.8 49.3 147.9



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: 49.37 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

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VSTDCCC050

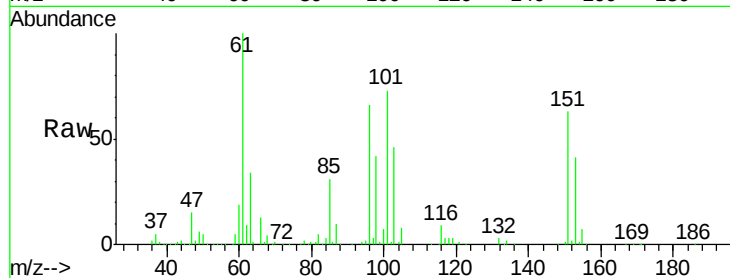
Tgt Ion:101 Resp: 111230

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

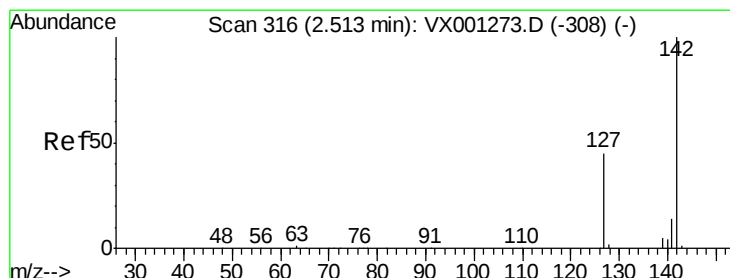
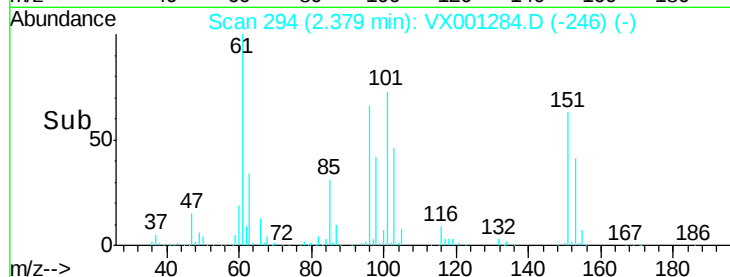
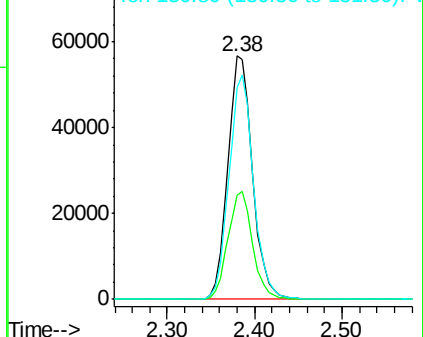
151 91.7 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

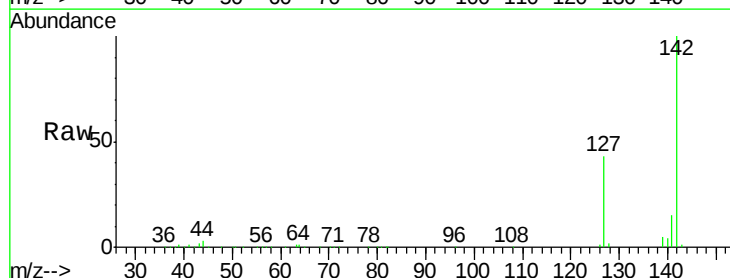
Tgt Ion:142 Resp: 101007

Ion Ratio Lower Upper

142 100

127 43.7 35.7 53.5

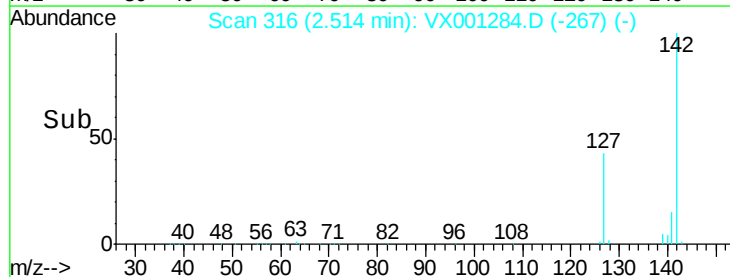
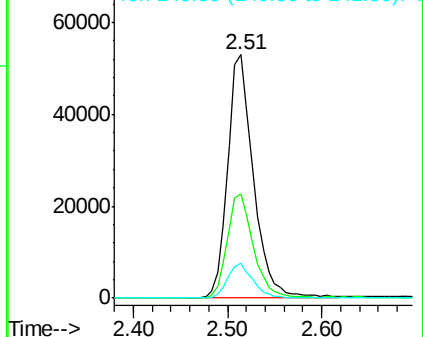
141 14.3 11.4 17.0

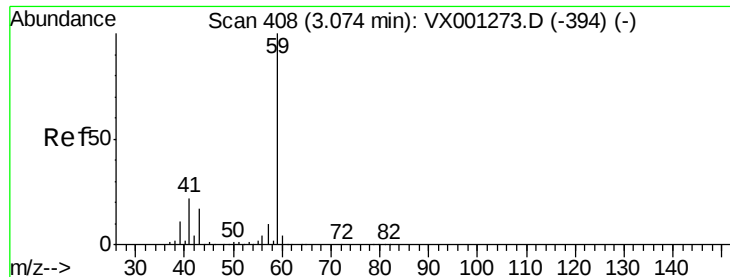


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

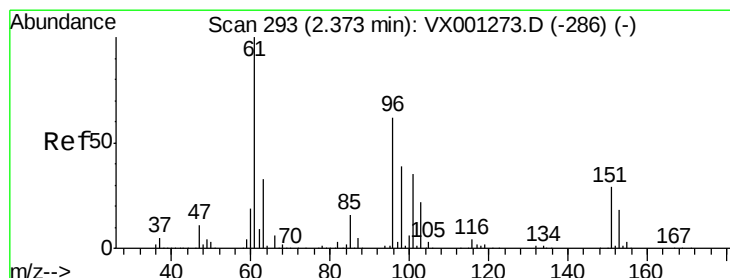
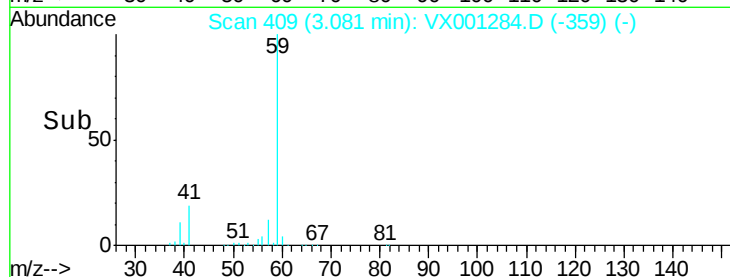
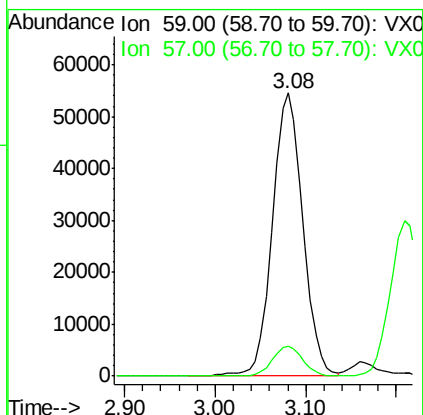
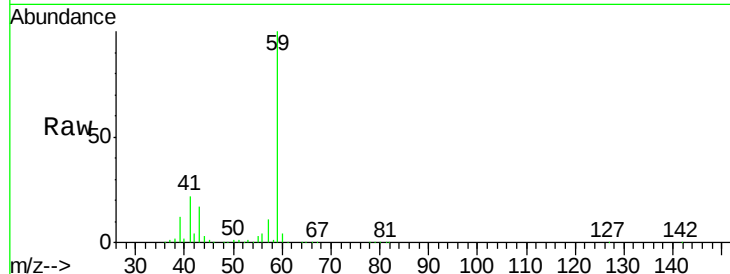




#11
Tert butyl alcohol
Concen: 262.25 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

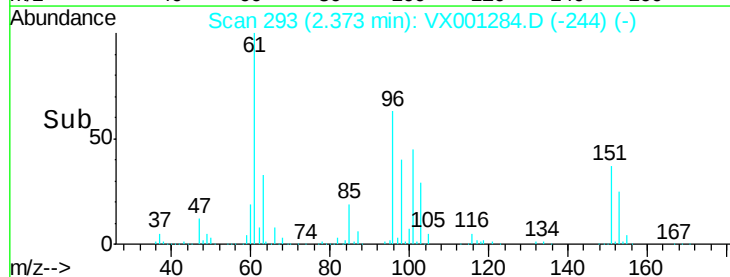
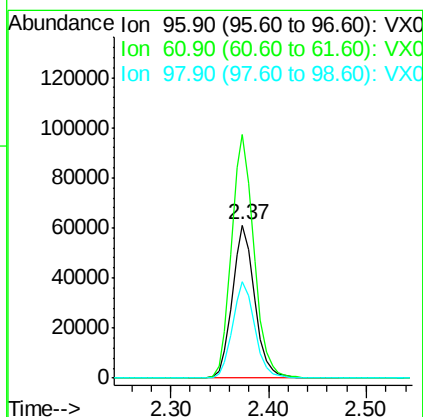
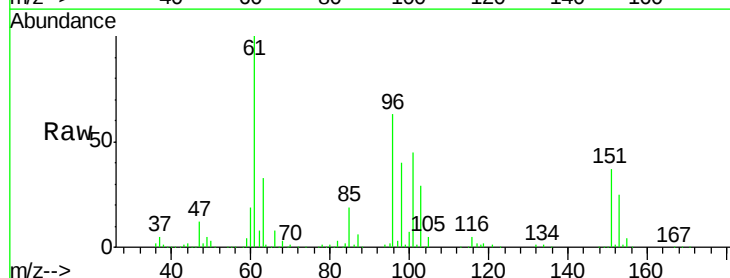
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

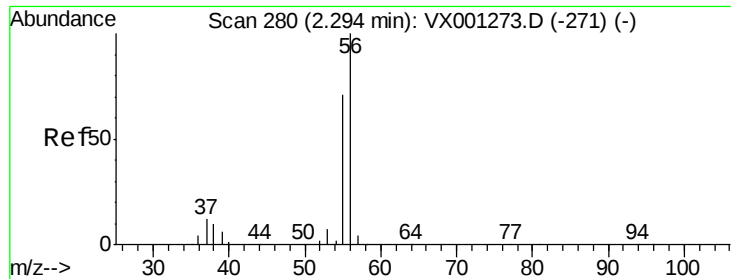
Tgt Ion: 59 Resp: 126476
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.57 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion: 96 Resp: 96627
Ion Ratio Lower Upper
96 100
61 159.1 130.1 195.1
98 63.1 50.3 75.5

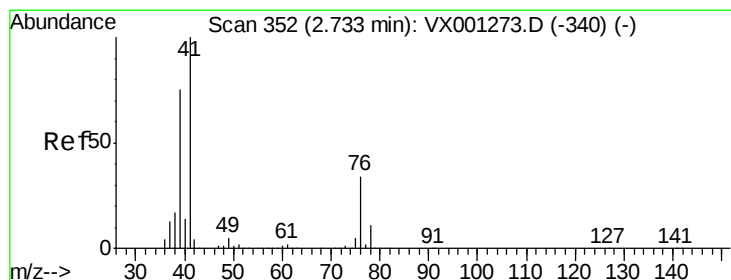
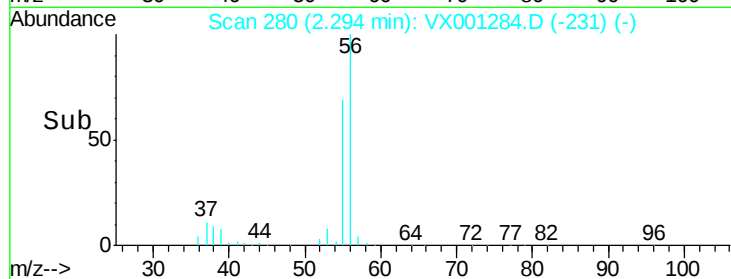
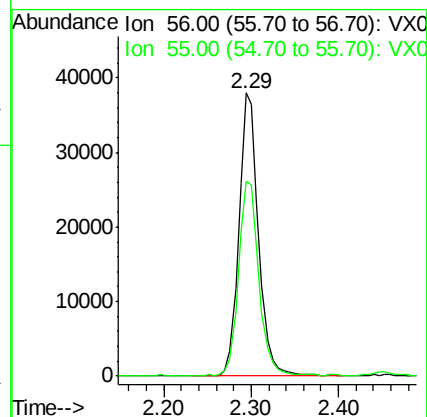
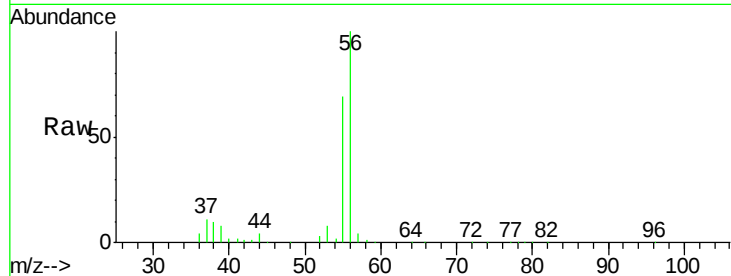




#13
 Acrolein
 Concen: 214.54 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

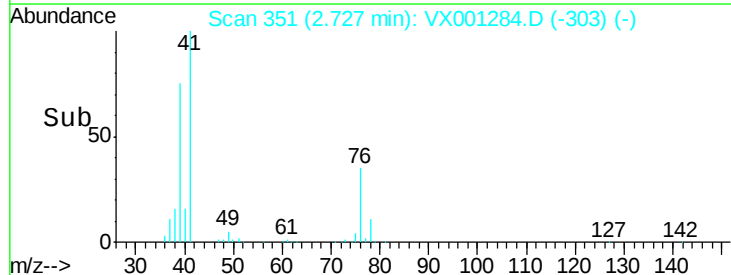
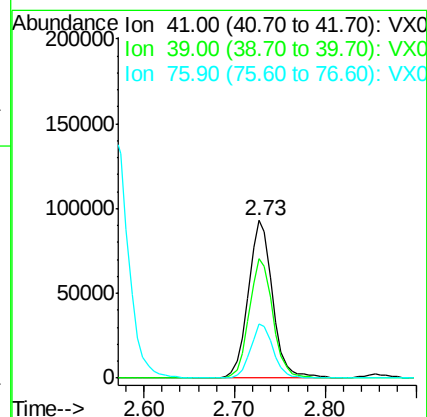
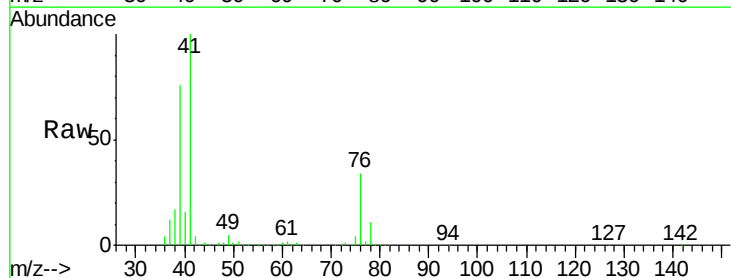
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

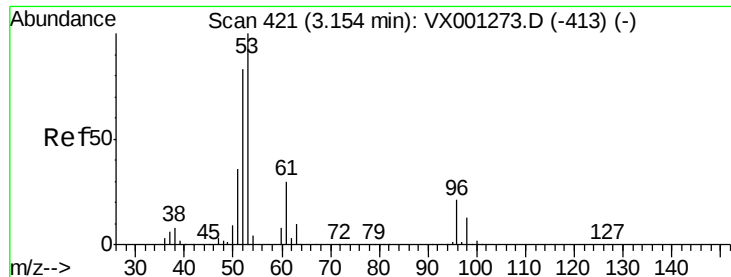
Tgt Ion: 56 Resp: 59574
 Ion Ratio Lower Upper
 56 100
 55 72.4 57.2 85.8



#14
 Allyl chloride
 Concen: 48.54 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 41 Resp: 172518
 Ion Ratio Lower Upper
 41 100
 39 73.5 58.1 87.1
 76 32.0 25.1 37.7





#15

Acrylonitrile

Concen: 244.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

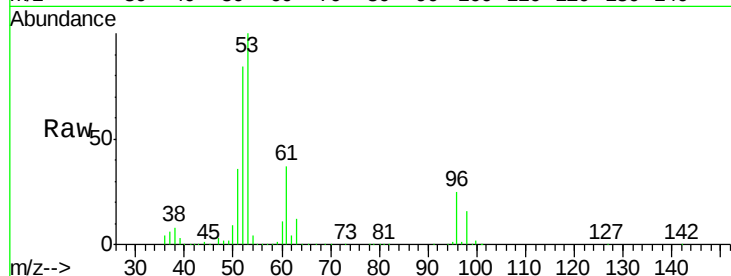
Tgt Ion: 53 Resp: 273450

Ion Ratio Lower Upper

53 100

52 83.9 67.0 100.4

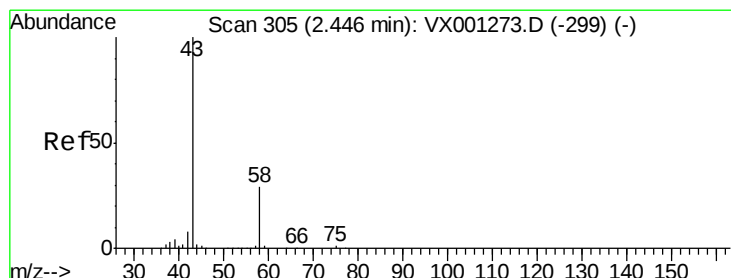
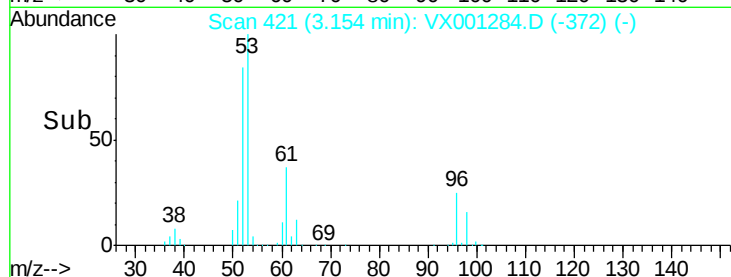
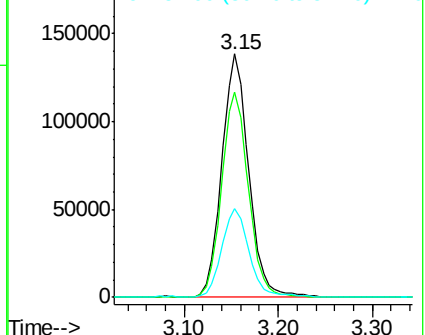
51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.33 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001284.D

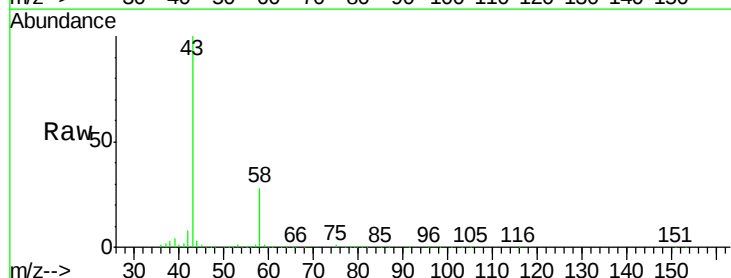
Acq: 01 May 2018 17:55

Tgt Ion: 43 Resp: 280387

Ion Ratio Lower Upper

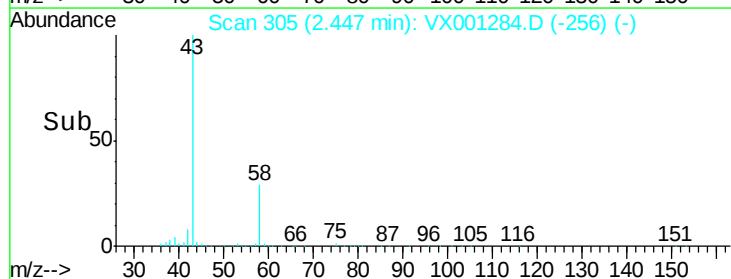
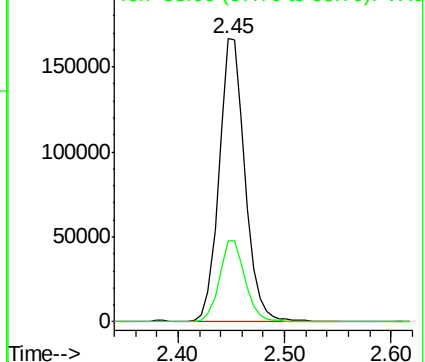
43 100

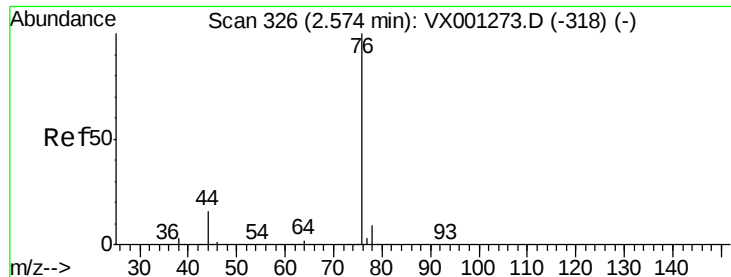
58 28.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

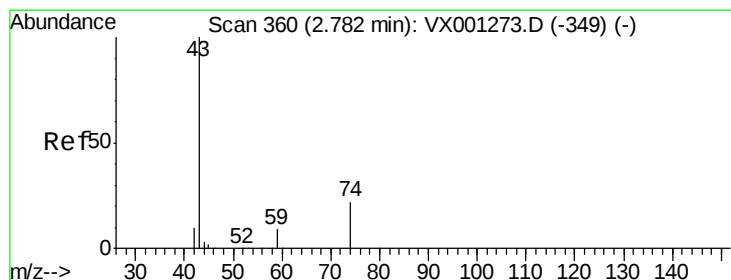
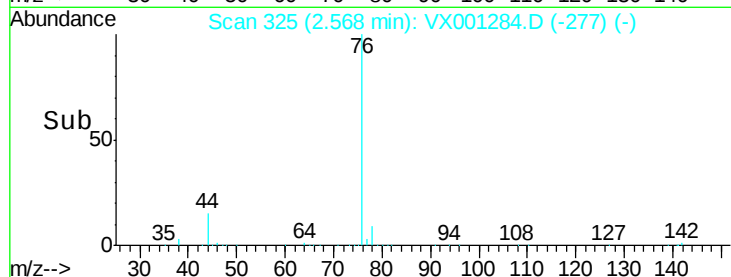
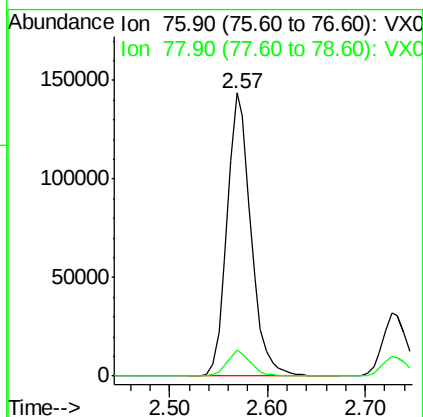
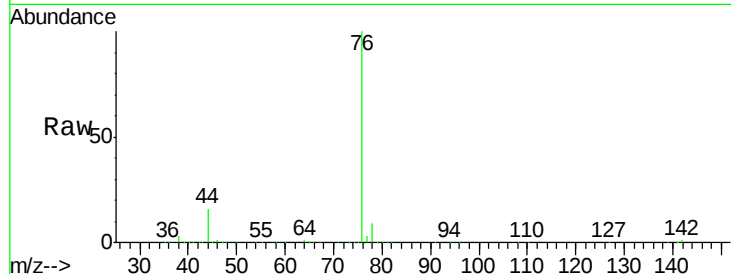




#17
Carbon Disulfide
Concen: 46.03 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

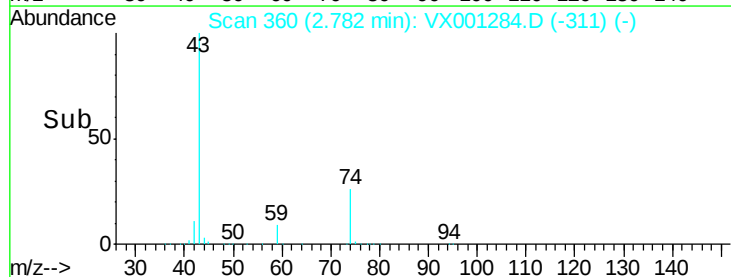
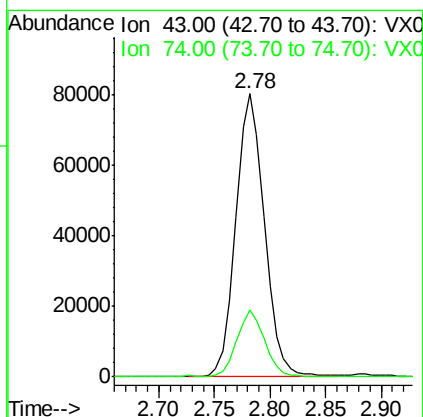
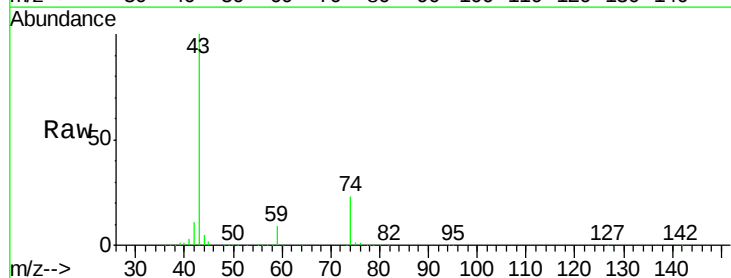
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

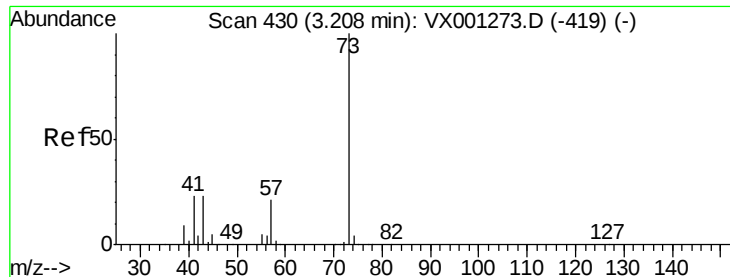
Tgt Ion: 76 Resp: 243596
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 50.30 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion: 43 Resp: 142153
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 48.53 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

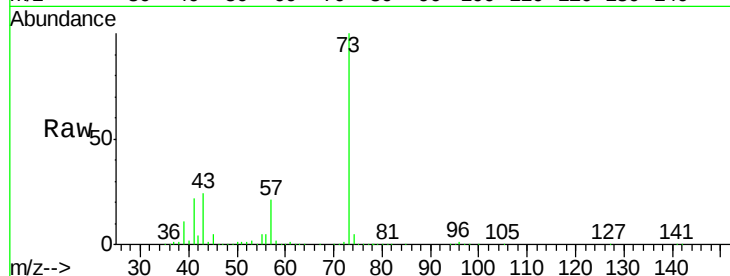
VSTDCCC050

Tgt Ion: 73 Resp: 335785

Ion Ratio Lower Upper

73 100

57 21.0 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

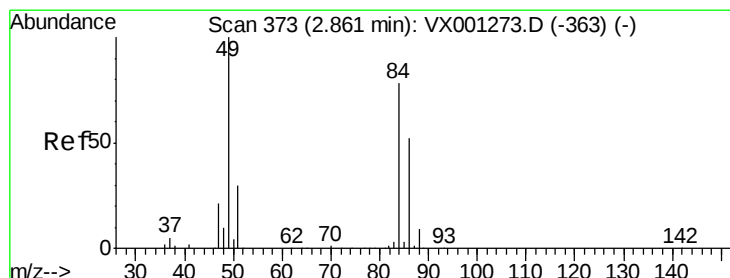
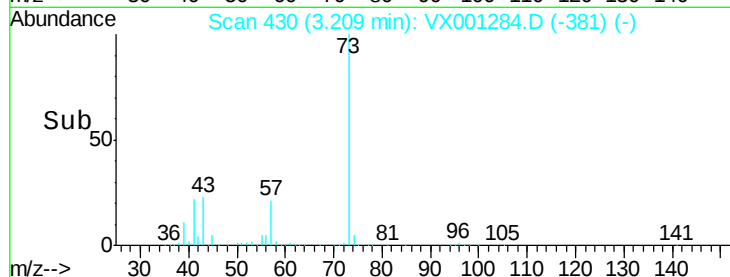
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 49.10 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Tgt Ion: 84 Resp: 106063

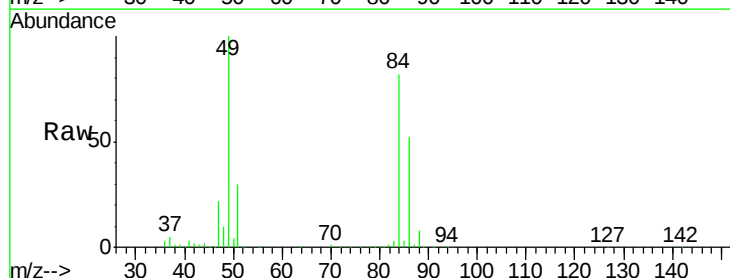
Ion Ratio Lower Upper

84 100

49 122.3 102.8 154.2

51 36.1 30.9 46.3

86 63.9 53.0 79.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

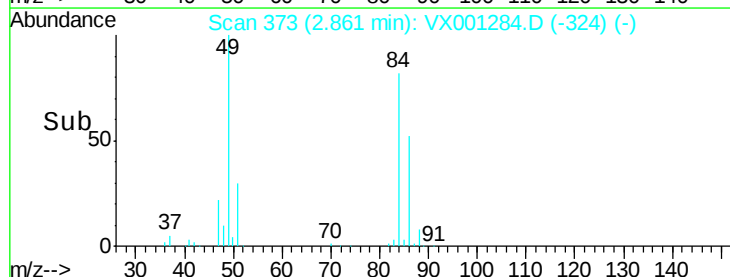
40000

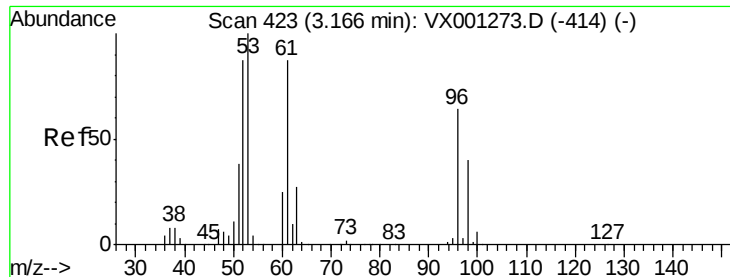
20000

0

2.80 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

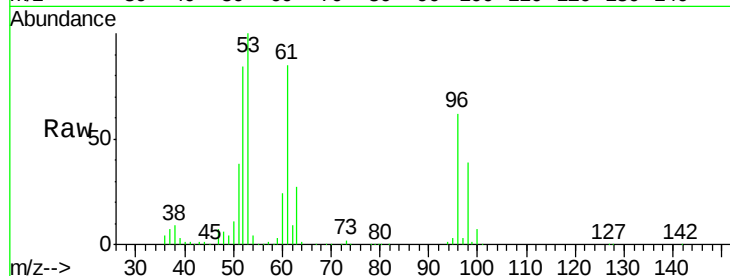
Tgt Ion: 96 Resp: 103676

Ion Ratio Lower Upper

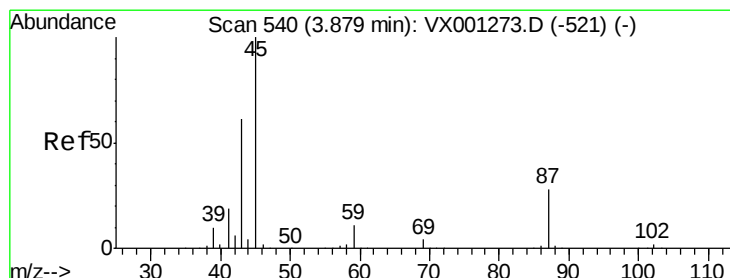
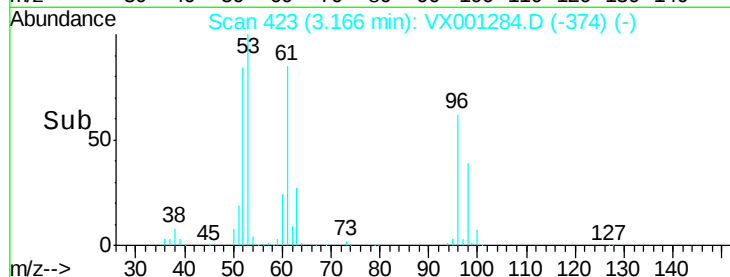
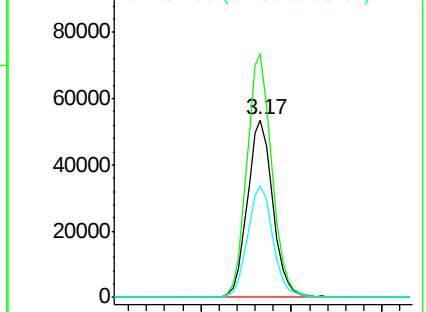
96 100

61 137.1 108.6 162.8

98 63.1 49.7 74.5



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: 46.16 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Tgt Ion: 45 Resp: 315923

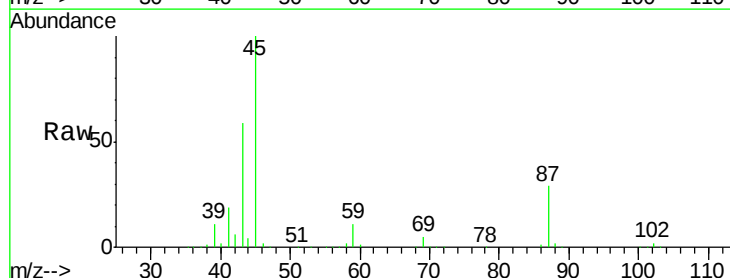
Ion Ratio Lower Upper

45 100

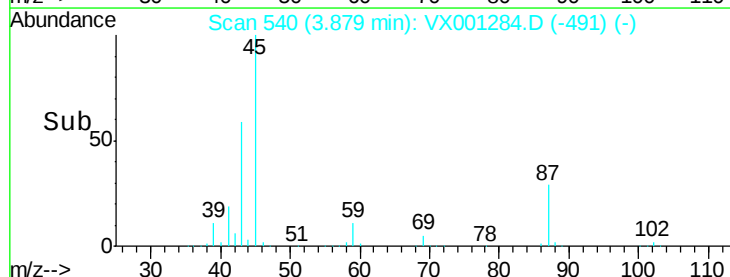
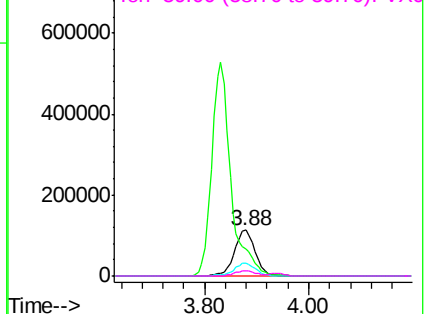
43 58.7 48.7 73.1

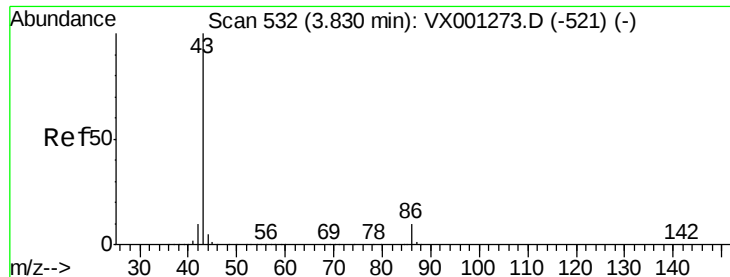
87 28.6 22.2 33.4

59 11.1 9.1 13.7



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

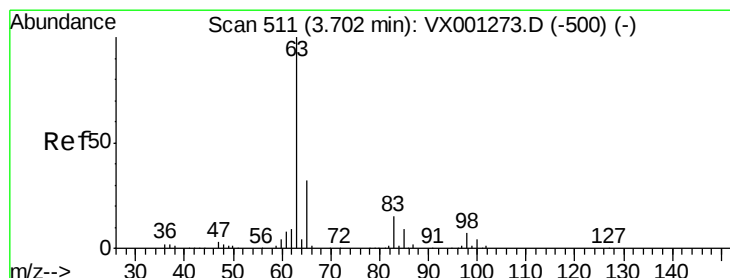
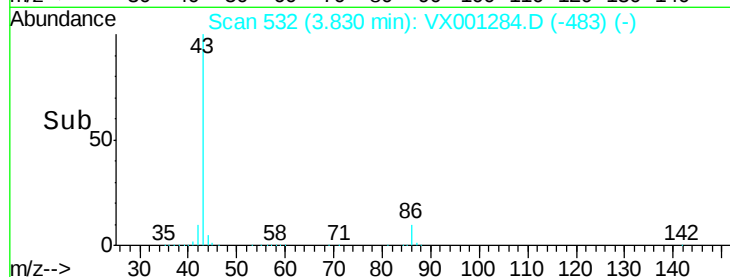
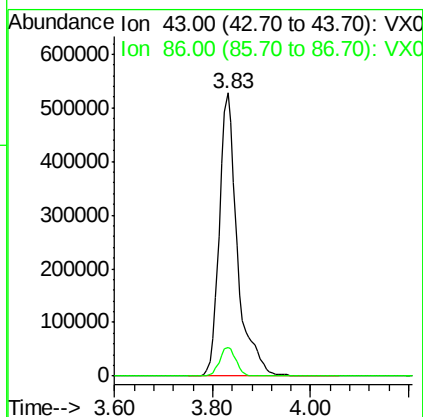
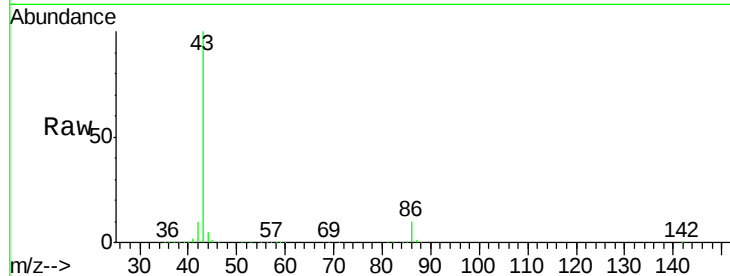




#23
 Vinyl Acetate
 Concen: 233.43 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

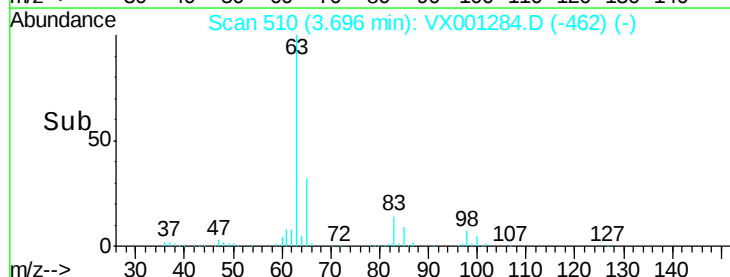
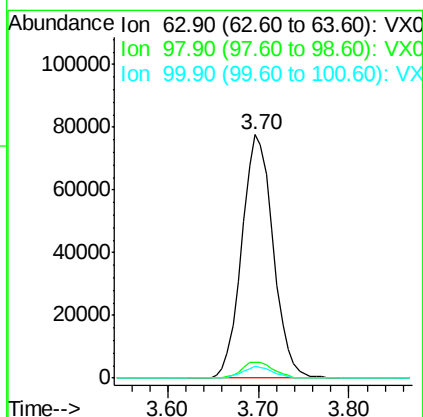
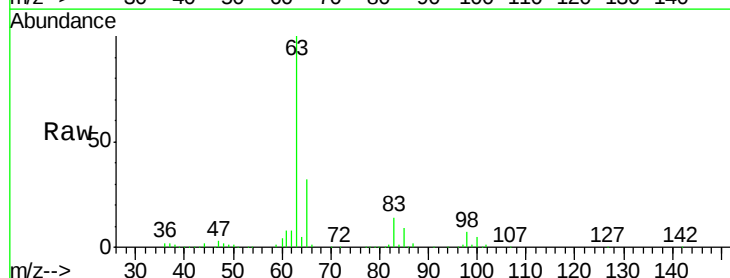
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

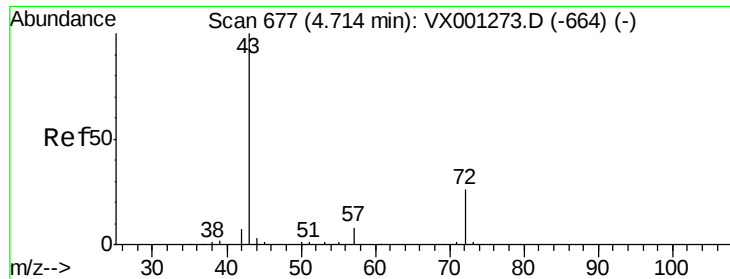
Tgt Ion: 43 Resp: 1353888
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 48.73 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 63 Resp: 185782
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 236.10 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

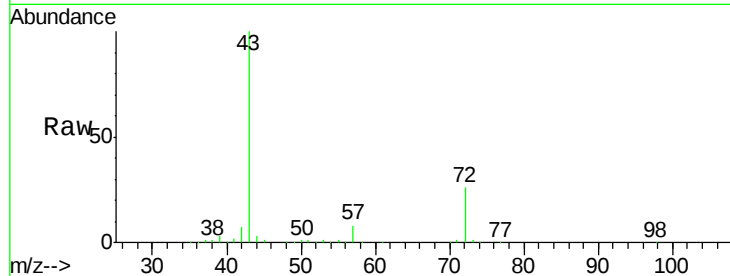
VSTDCCC050

Tgt Ion: 43 Resp: 381968

Ion Ratio Lower Upper

43 100

72 26.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

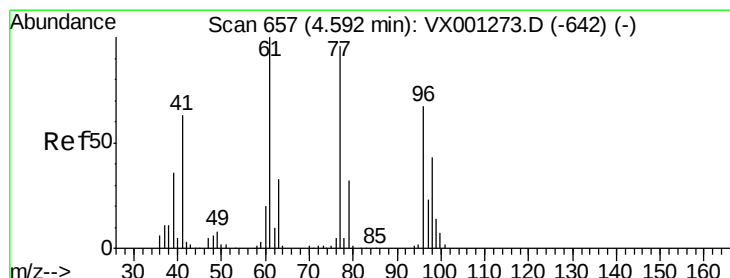
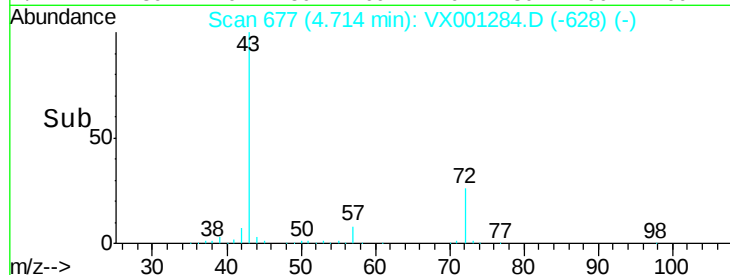
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.79 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001284.D

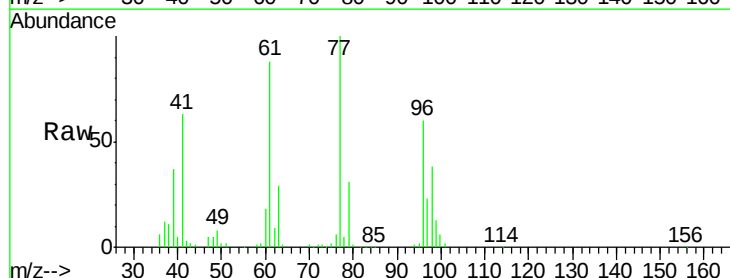
Acq: 01 May 2018 17:55

Tgt Ion: 77 Resp: 145172

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

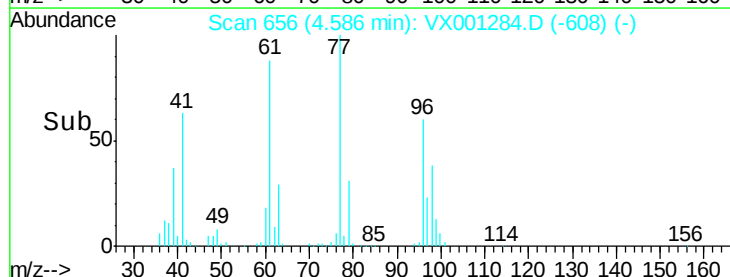
20000

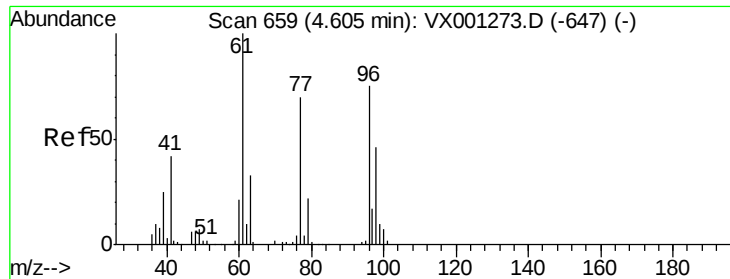
10000

0

4.40 4.50 4.60 4.70

Time-->

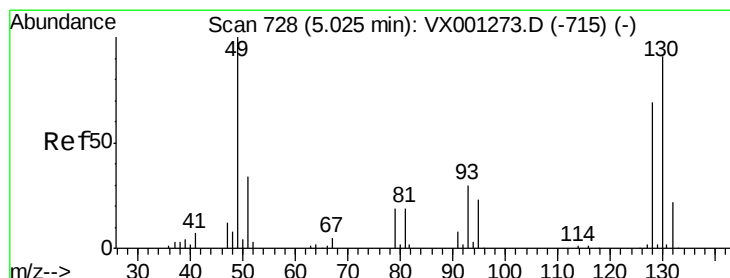
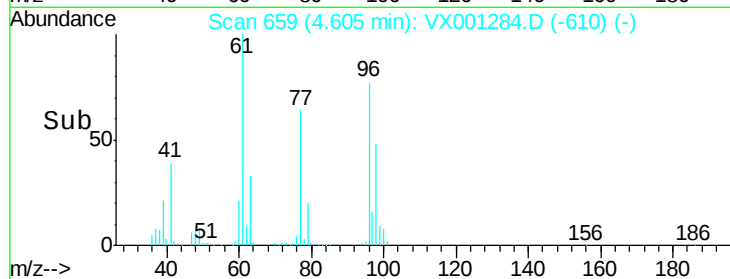
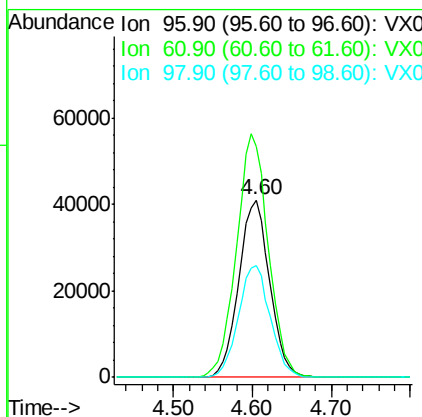
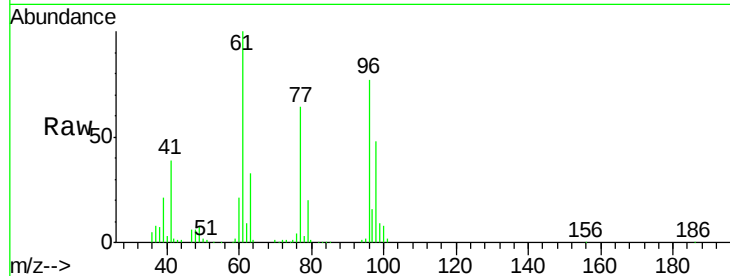




#27
 cis-1,2-Dichloroethene
 Concen: 46.13 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

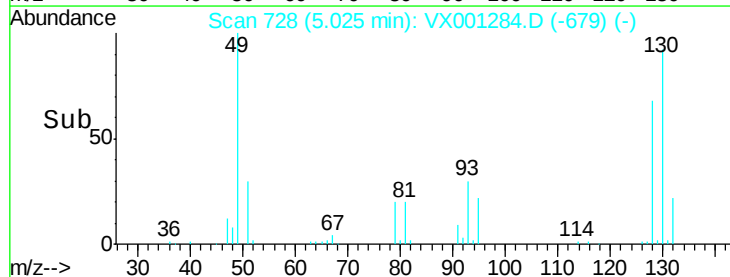
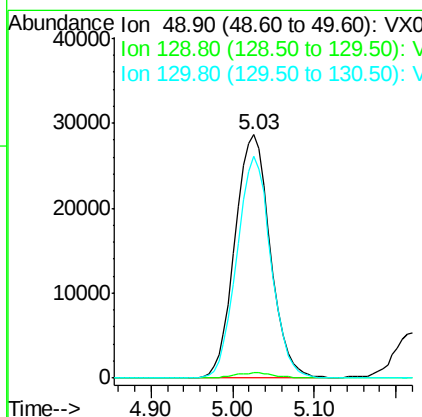
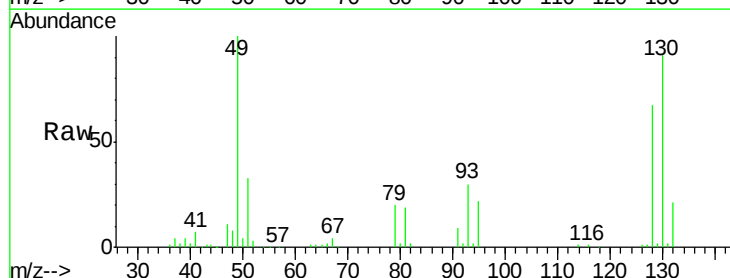
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

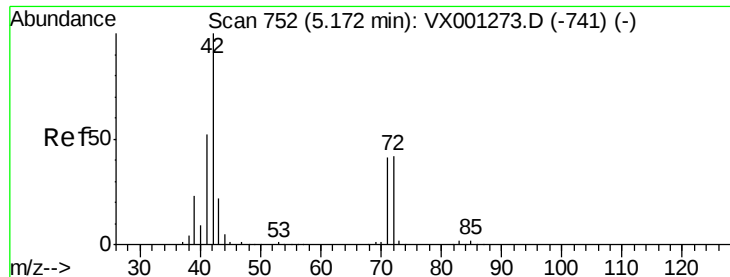
Tgt Ion: 96 Resp: 112093
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 288.0
 98 64.7 0.0 130.2



#28
 Bromochloromethane
 Concen: 50.19 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 49 Resp: 86015
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.2 70.4 105.6





#29

Tetrahydrofuran

Concen: 240.49 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

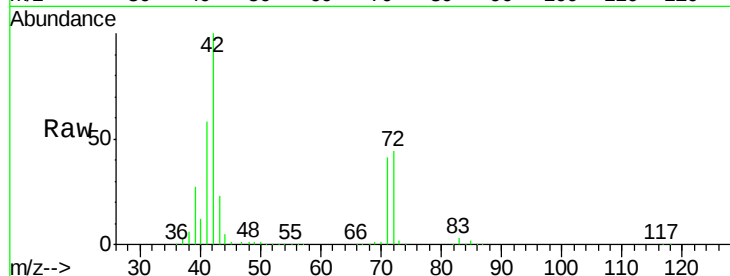
Tgt Ion: 42 Resp: 239281

Ion Ratio Lower Upper

42 100

72 44.5 34.6 52.0

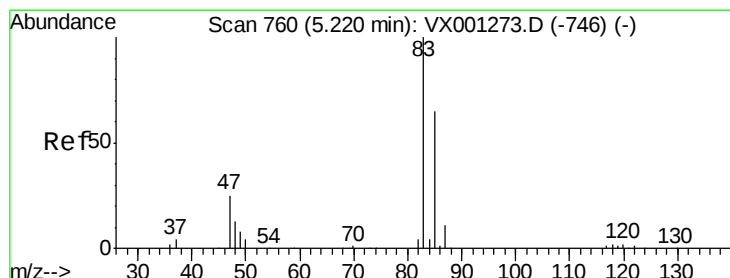
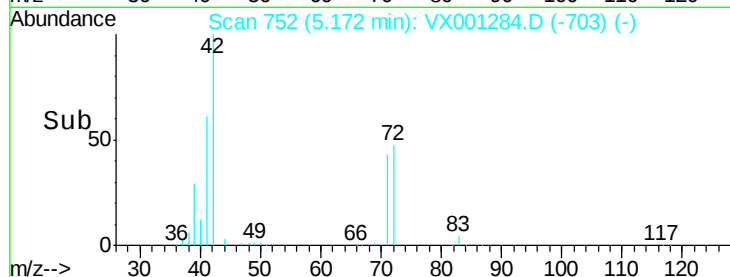
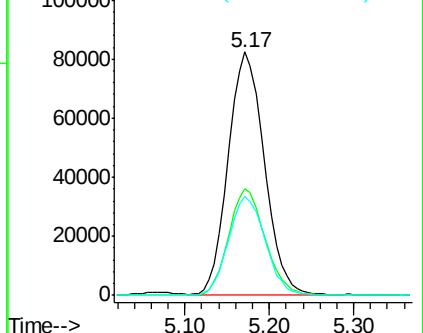
71 41.4 32.7 49.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.61 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001284.D

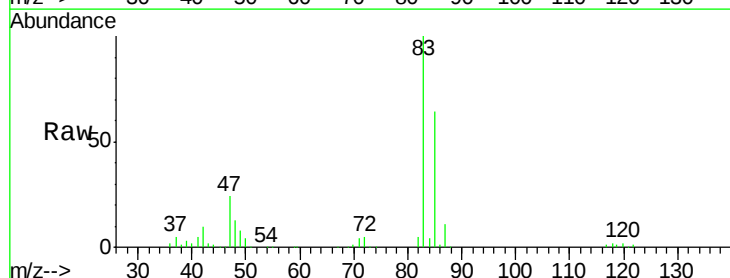
Acq: 01 May 2018 17:55

Tgt Ion: 83 Resp: 187854

Ion Ratio Lower Upper

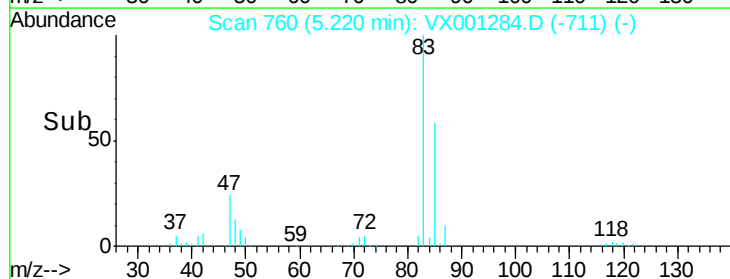
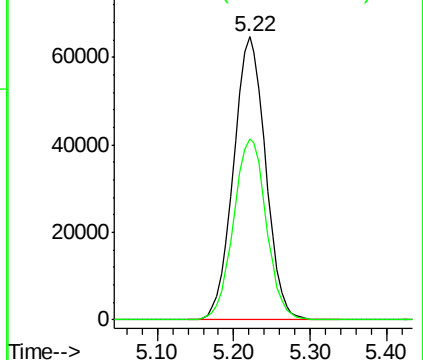
83 100

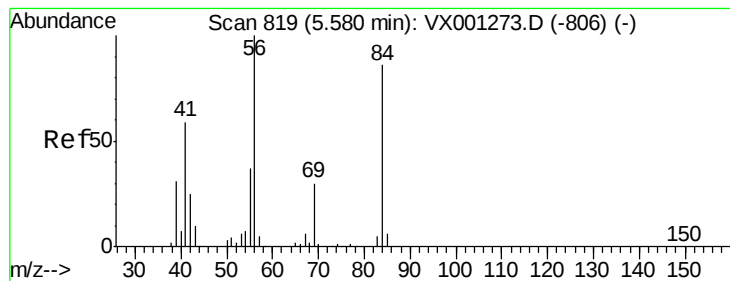
85 64.1 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.67 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

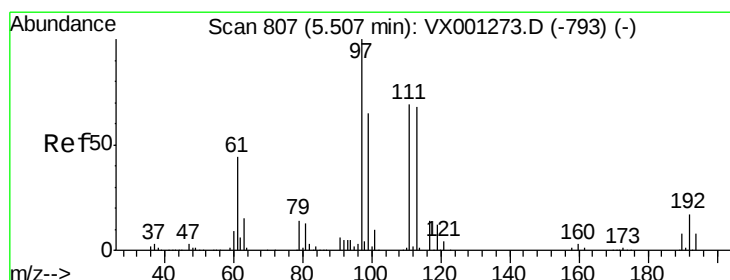
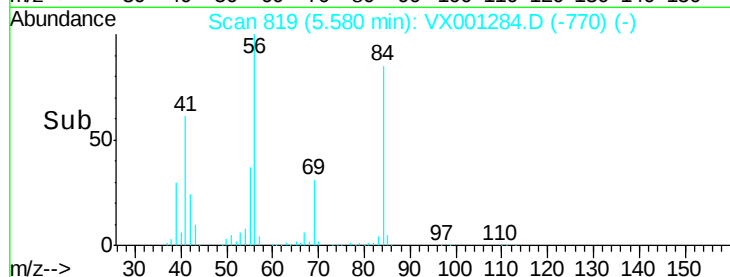
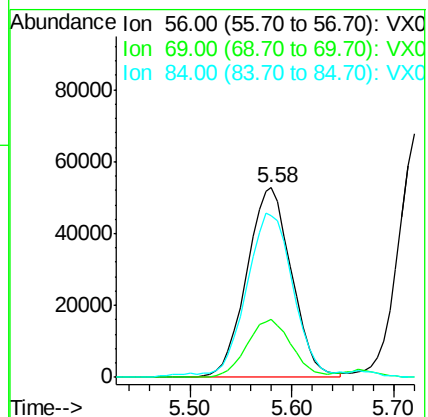
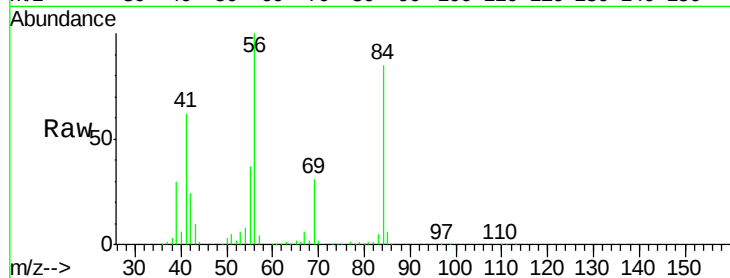
Tgt Ion: 56 Resp: 160700

Ion Ratio Lower Upper

56 100

69 30.7 24.0 36.0

84 83.2 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 47.74 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

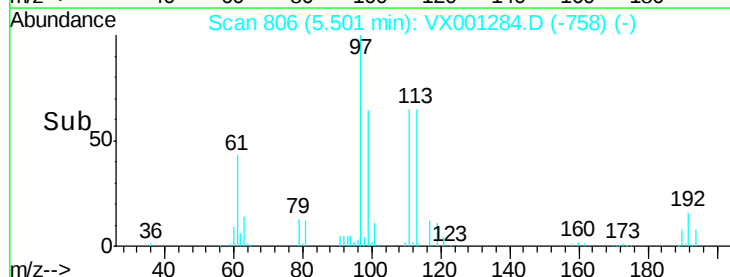
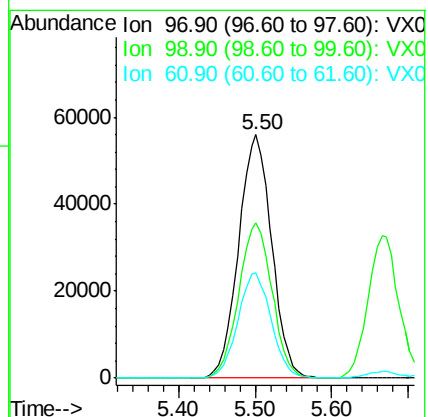
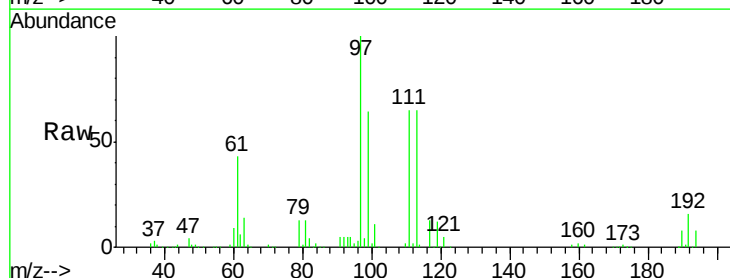
Tgt Ion: 97 Resp: 168150

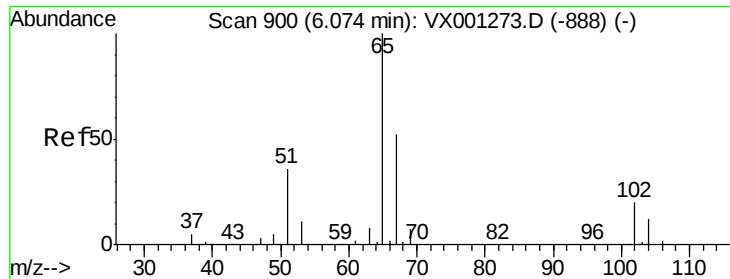
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 43.6 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 45.45 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

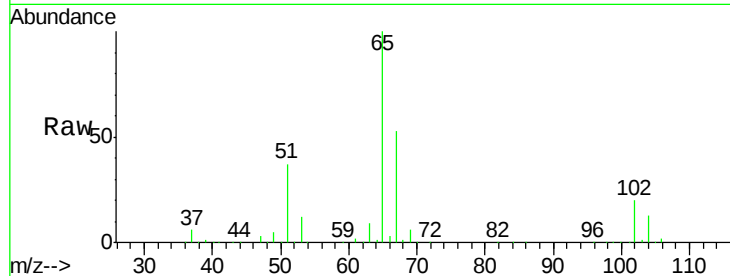
VSTDCCC050

Tgt Ion: 65 Resp: 127402

Ion Ratio Lower Upper

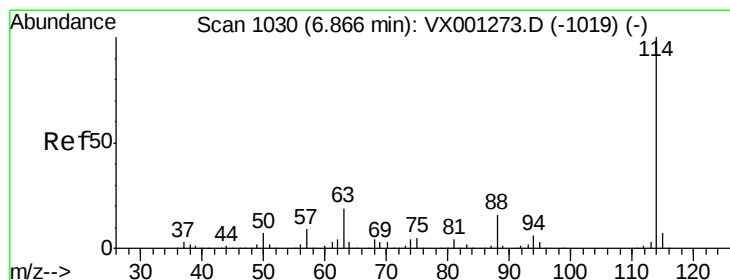
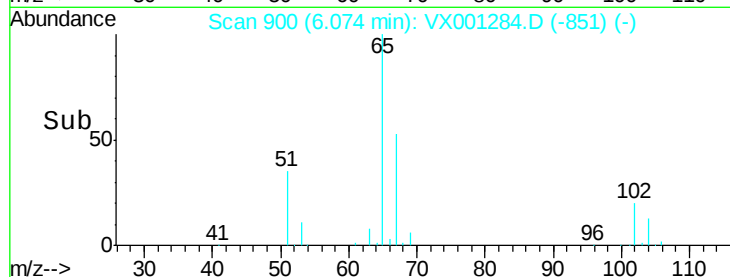
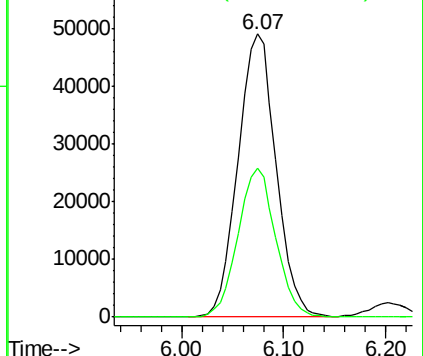
65 100

67 52.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

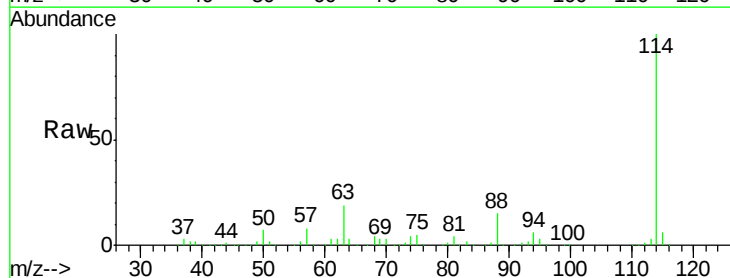
Tgt Ion: 114 Resp: 262300

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

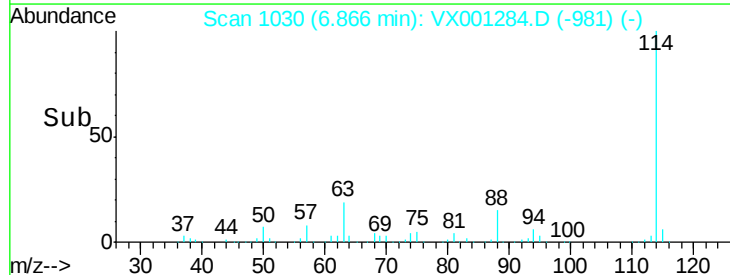
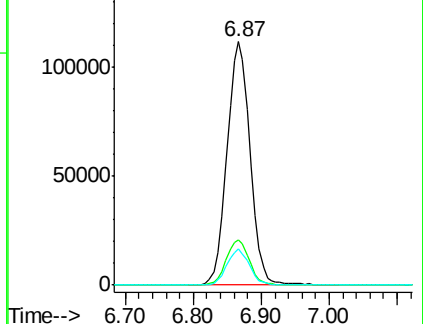
88 15.0 0.0 32.2

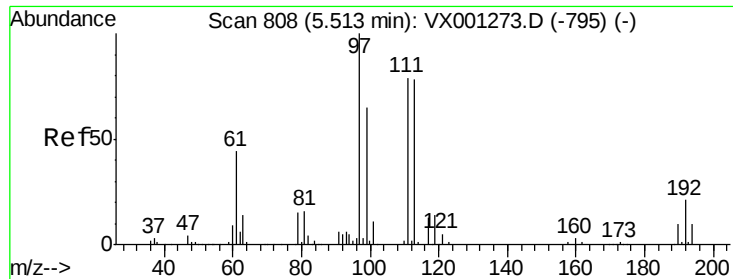


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

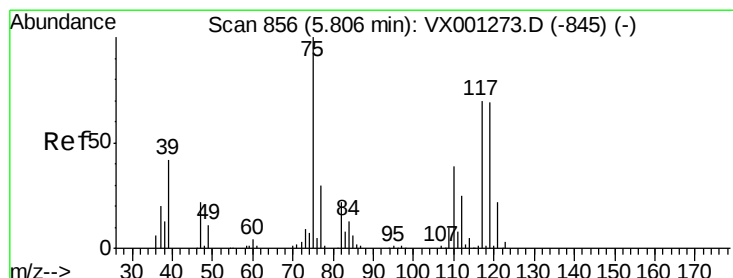
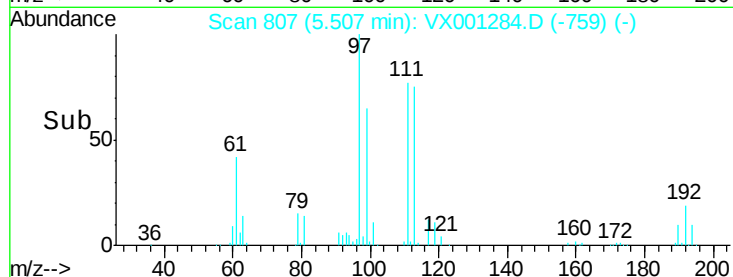
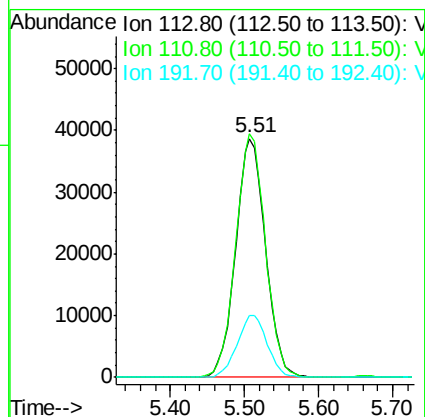
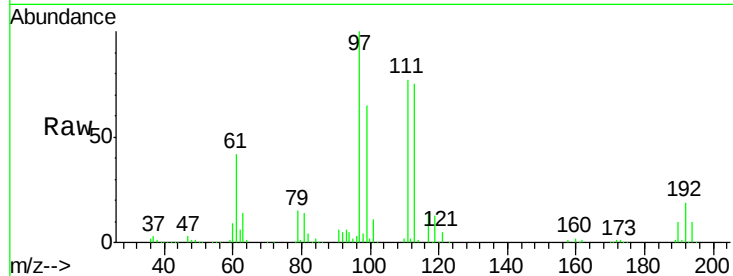




#35
 Dibromofluoromethane
 Concen: 48.12 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

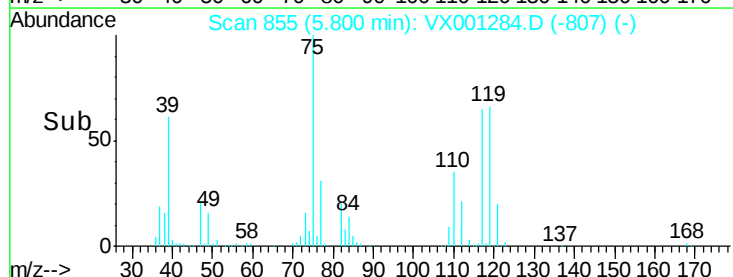
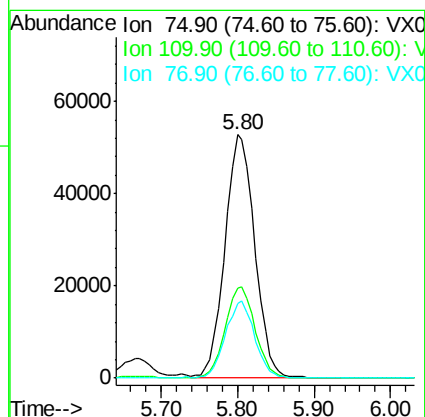
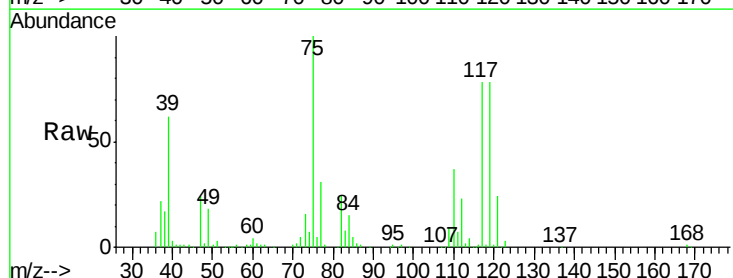
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

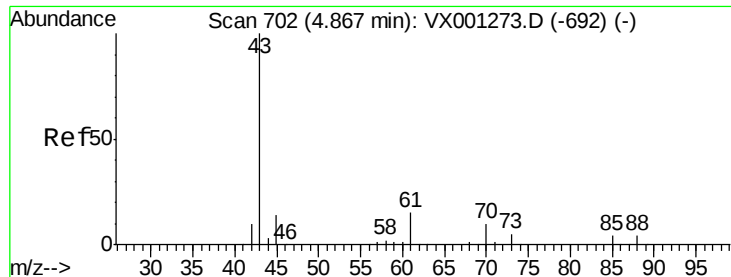
Tgt Ion:113 Resp: 108737
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.2 121.8
 192 26.1 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 46.95 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 75 Resp: 142134
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.9 56.9
 77 31.1 24.2 36.2

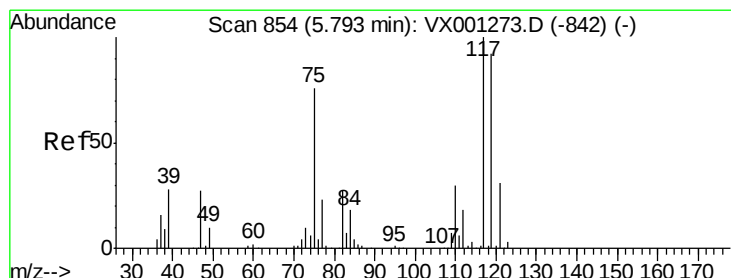
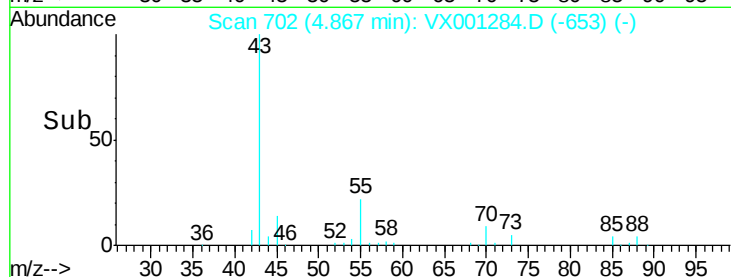
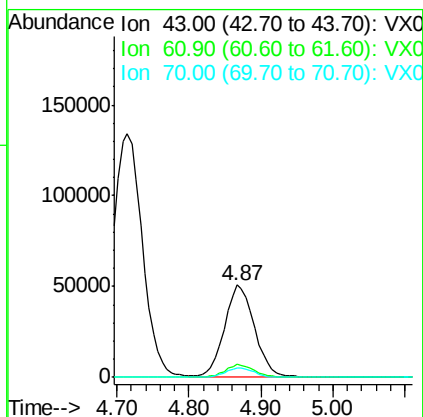
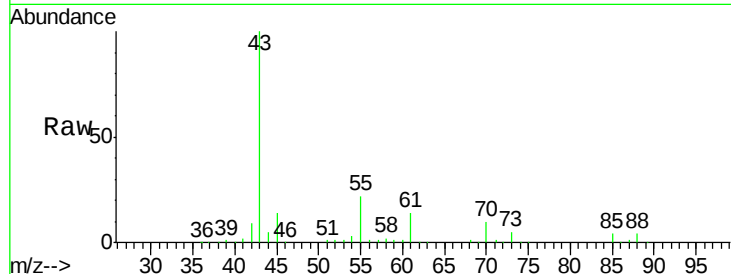




#37
 Ethyl Acetate
 Concen: 48.23 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

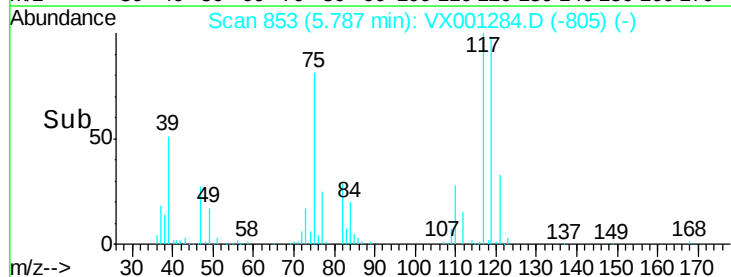
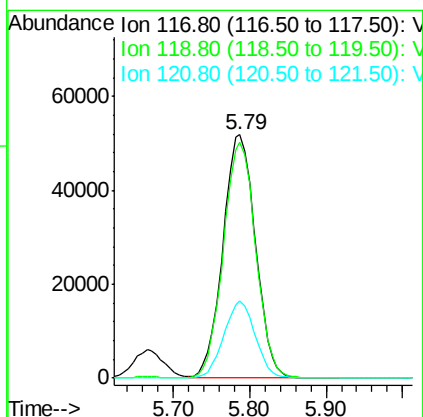
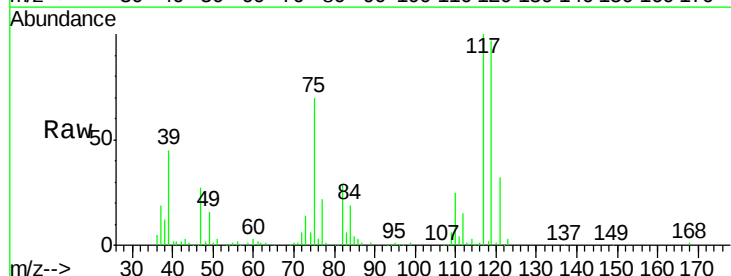
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 147438
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.7 16.1
 70 9.9 8.0 12.0



#38
 Carbon Tetrachloride
 Concen: 48.20 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 117 Resp: 152867
 Ion Ratio Lower Upper
 117 100
 119 96.8 73.4 110.2
 121 31.9 25.0 37.4

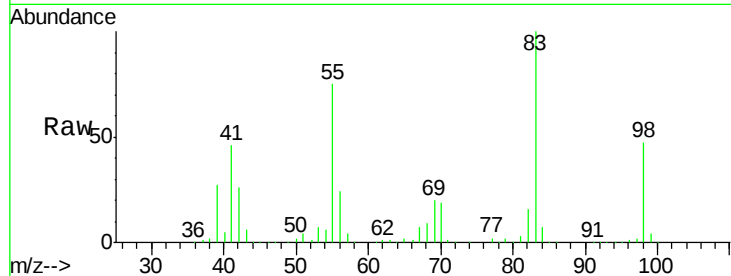




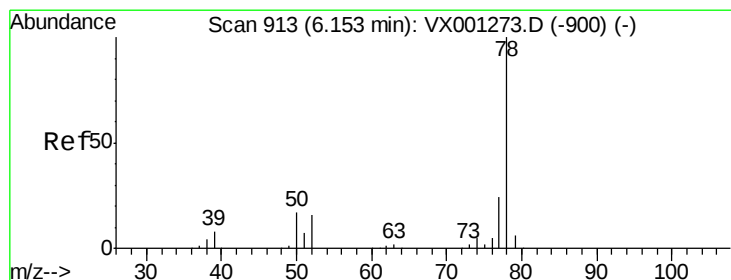
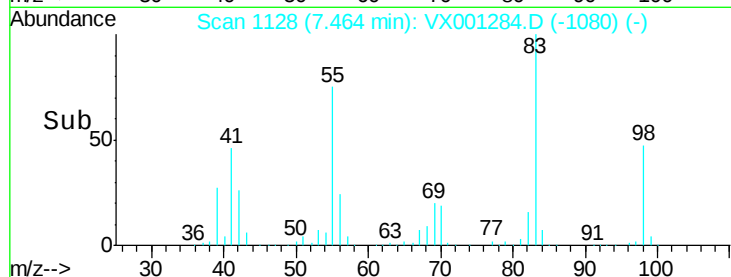
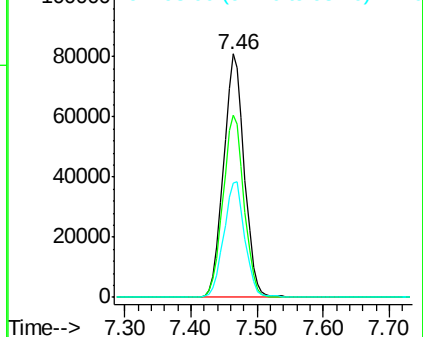
#39
Methylcyclohexane
Concen: 49.13 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 175921
Ion Ratio Lower Upper
83 100
55 74.6 60.4 90.6
98 47.2 37.0 55.6

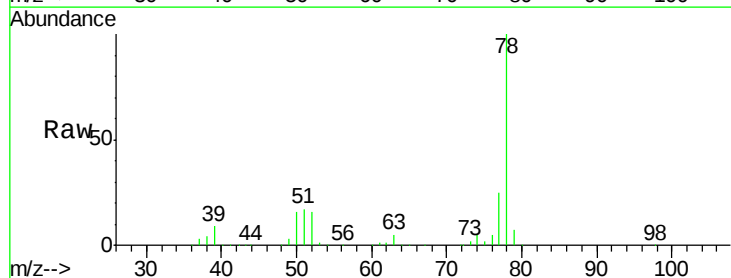


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

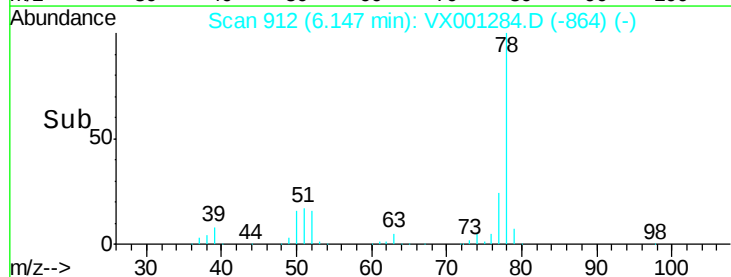
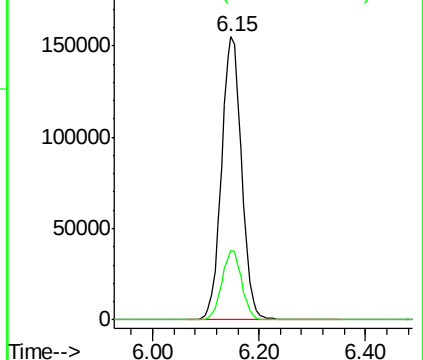


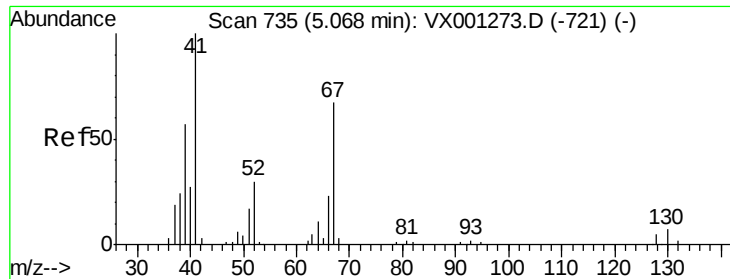
#40
Benzene
Concen: 47.11 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion: 78 Resp: 410308
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4



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

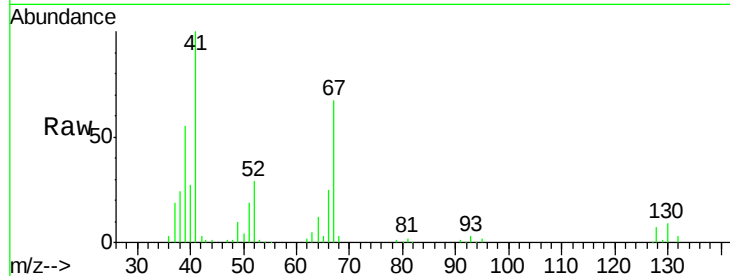




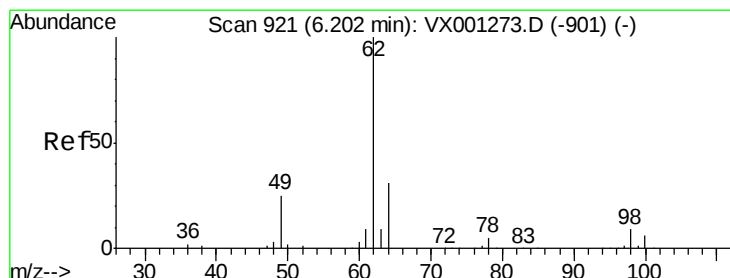
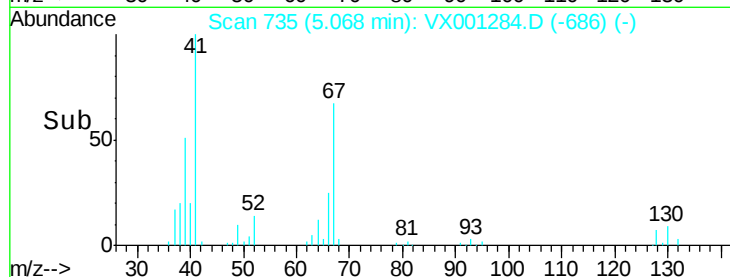
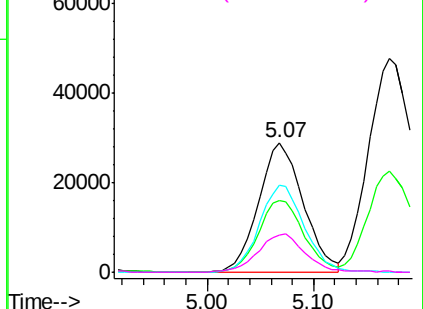
#41
Methacrylonitrile
Concen: 47.42 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	84428
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.8
67	67.6	54.8	82.2
52	31.0	24.6	37.0

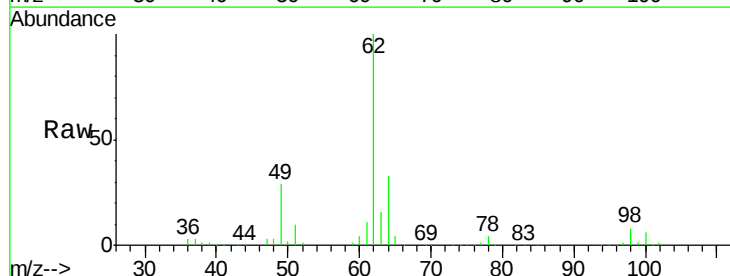


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

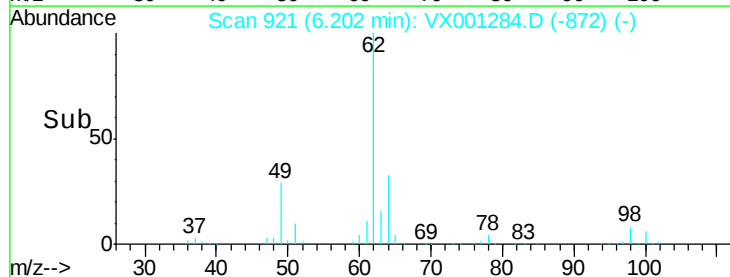
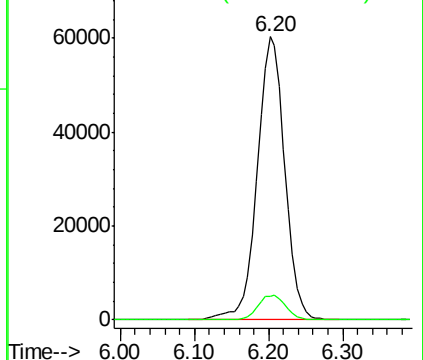


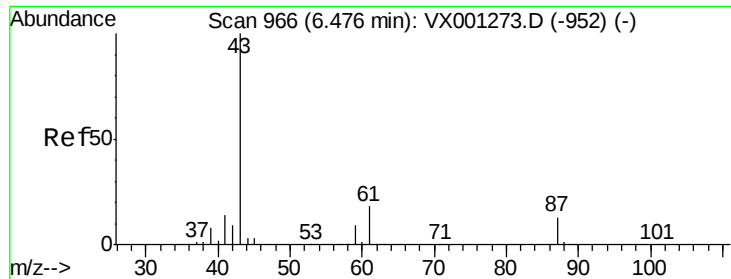
#42
1,2-Dichloroethane
Concen: 46.32 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion:	62	Resp:	156201
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 49.15 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

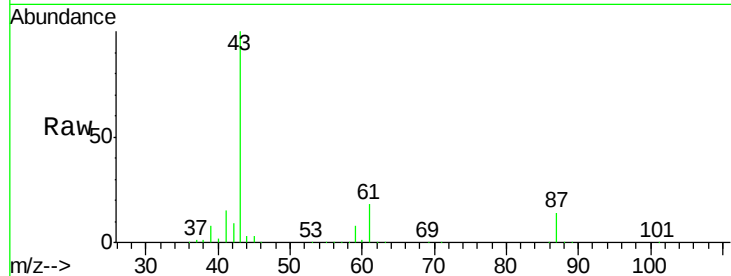
Tgt Ion: 43 Resp: 243228

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

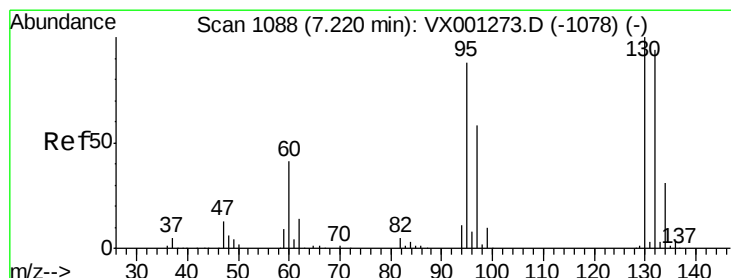
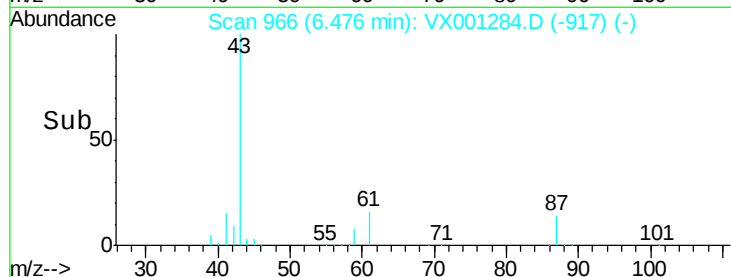
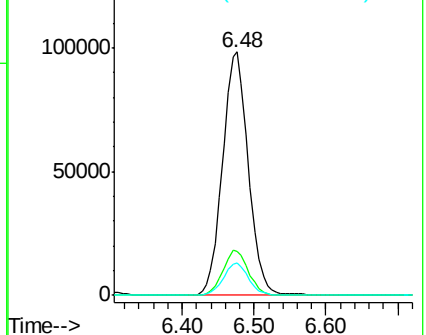
87 13.3 10.2 15.4



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: 46.85 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001284.D

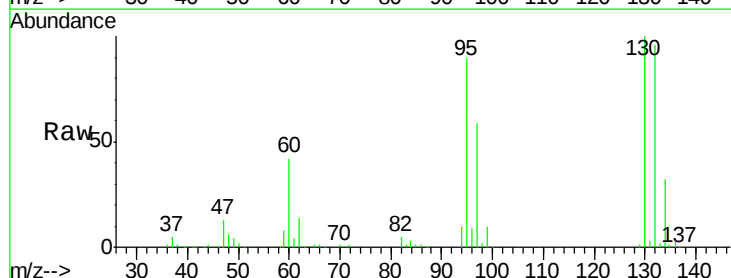
Acq: 01 May 2018 17:55

Tgt Ion: 130 Resp: 124894

Ion Ratio Lower Upper

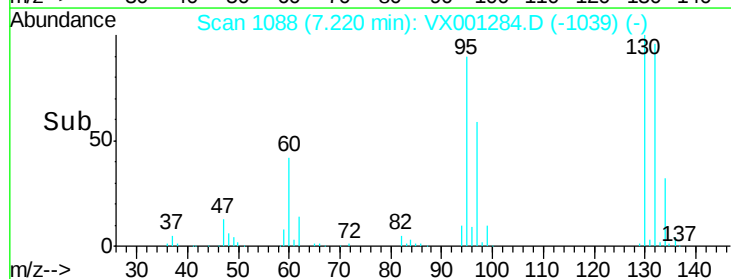
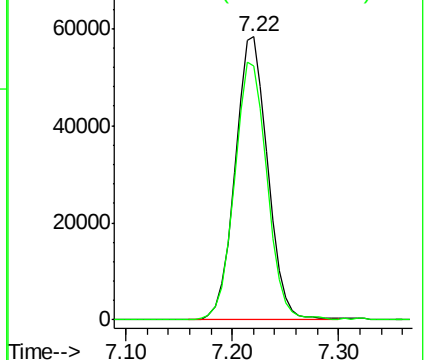
130 100

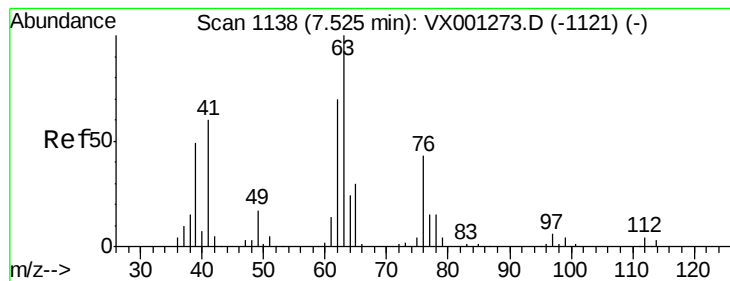
95 89.7 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.51 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

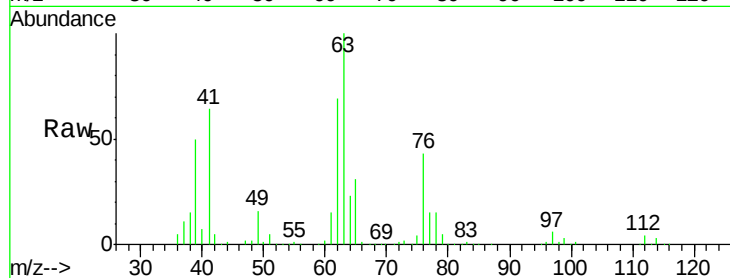
VSTDCCC050

Tgt Ion: 63 Resp: 104018

Ion Ratio Lower Upper

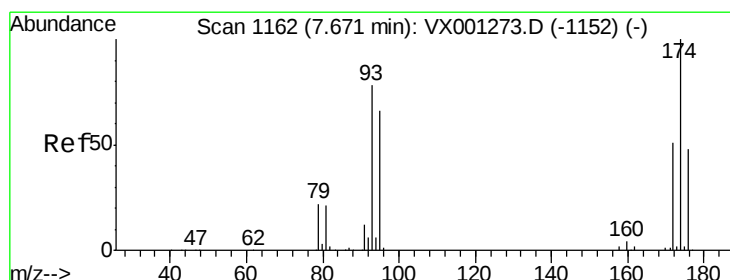
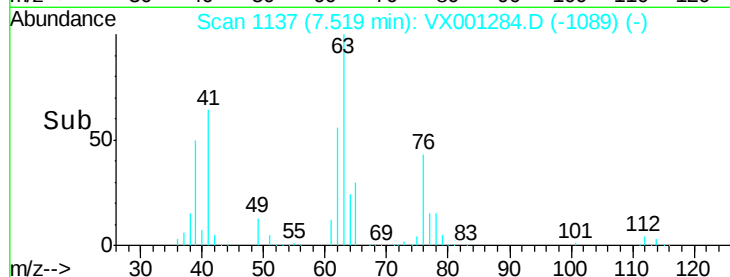
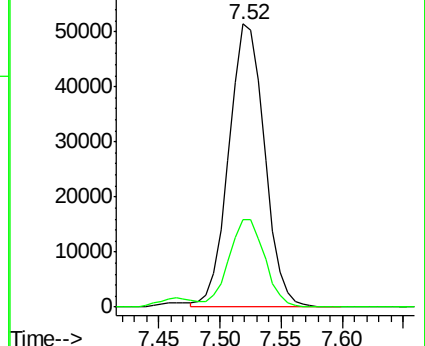
63 100

65 30.6 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.21 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

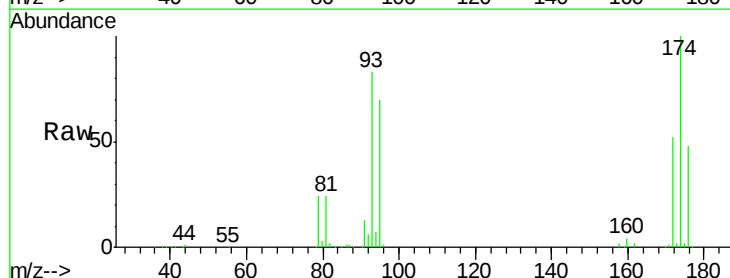
Tgt Ion: 93 Resp: 74009

Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.6

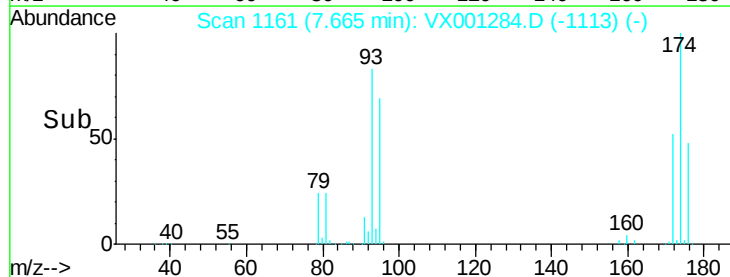
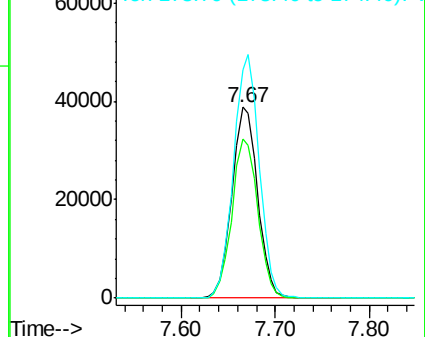
174 127.0 102.3 153.5

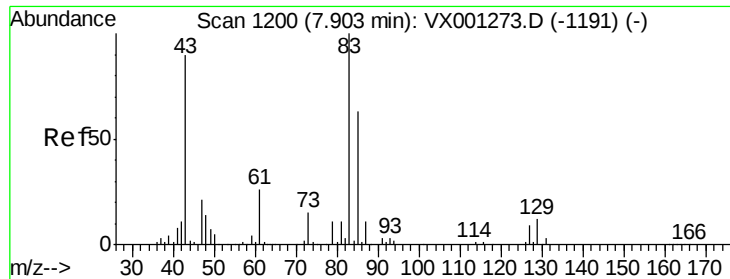


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.79 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

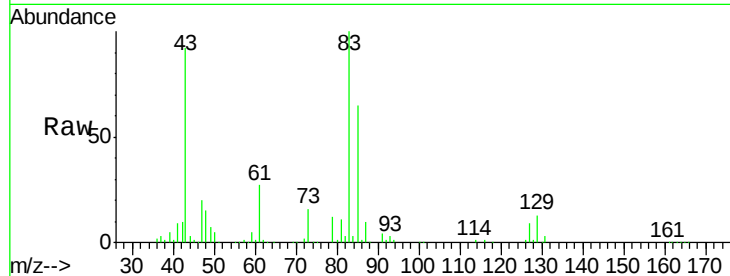
Tgt Ion: 83 Resp: 139549

Ion Ratio Lower Upper

83 100

85 65.4 50.3 75.5

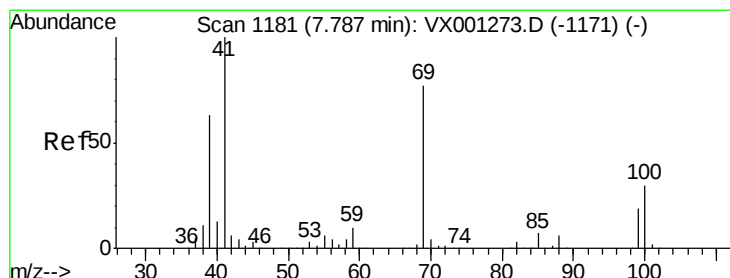
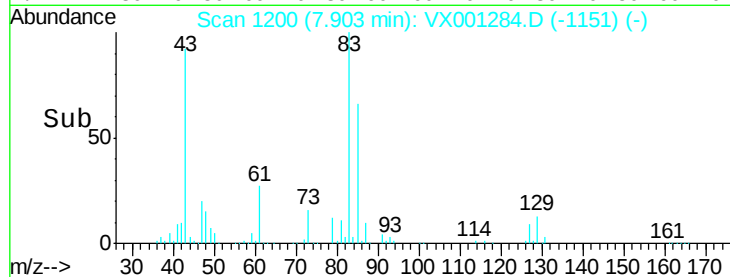
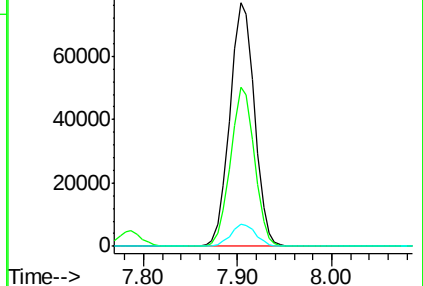
127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.01 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

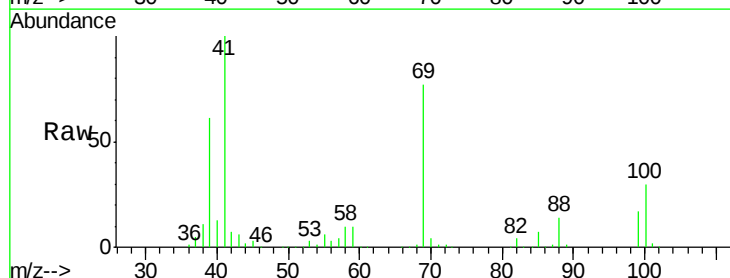
Tgt Ion: 41 Resp: 128939

Ion Ratio Lower Upper

41 100

69 79.4 63.0 94.6

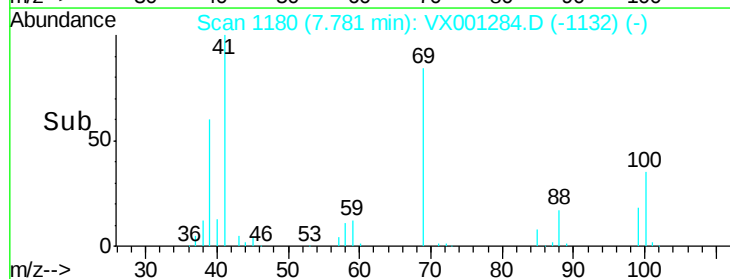
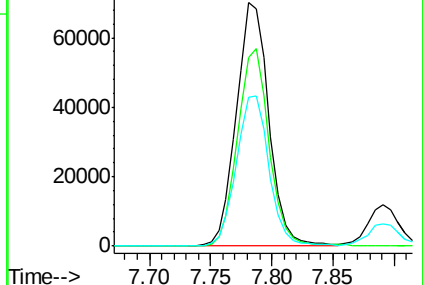
39 61.8 50.2 75.4

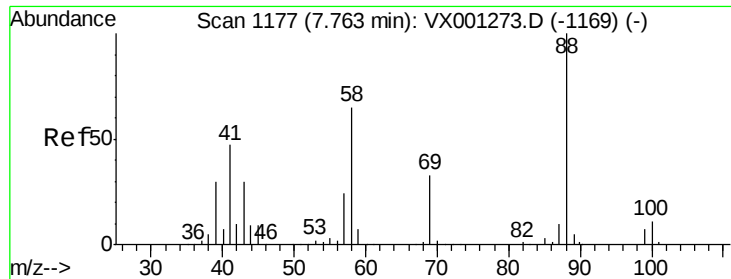


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

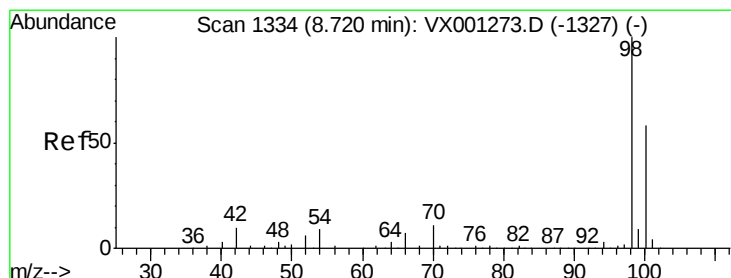
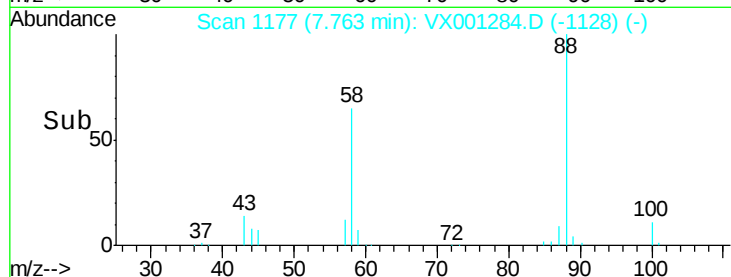
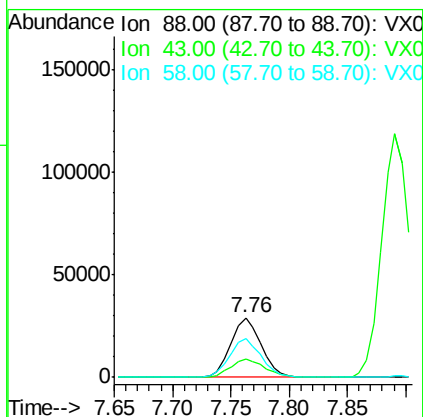
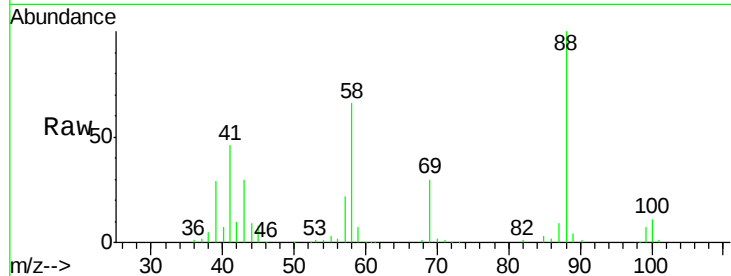




#49
1,4-Dioxane
Concen: 1069.80 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

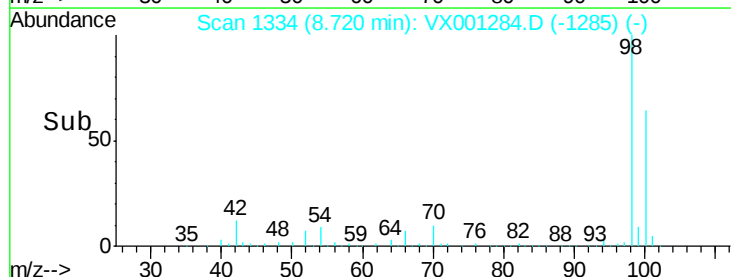
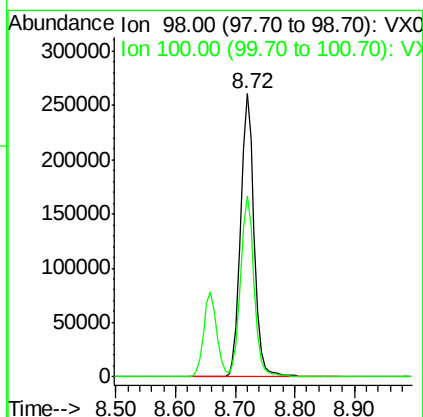
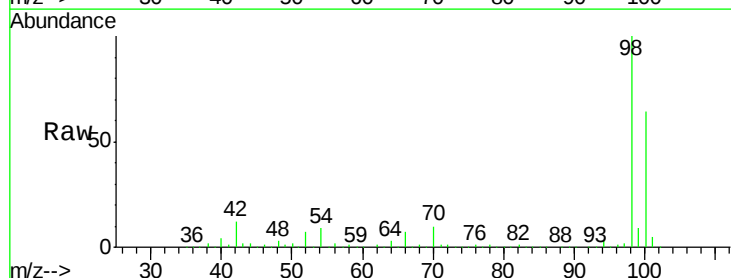
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

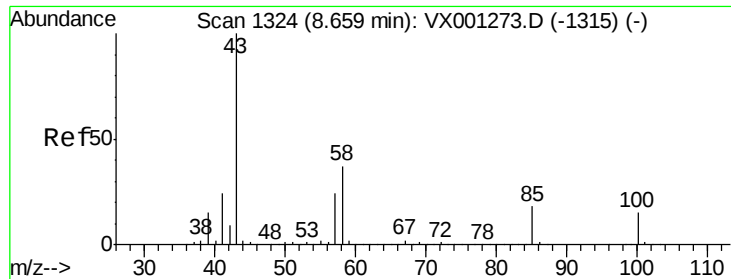
Tgt Ion: 88 Resp: 53112
Ion Ratio Lower Upper
88 100
43 34.2 27.9 41.9
58 68.3 54.2 81.2



#50
Toluene-d8
Concen: 51.07 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion: 98 Resp: 412272
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.4

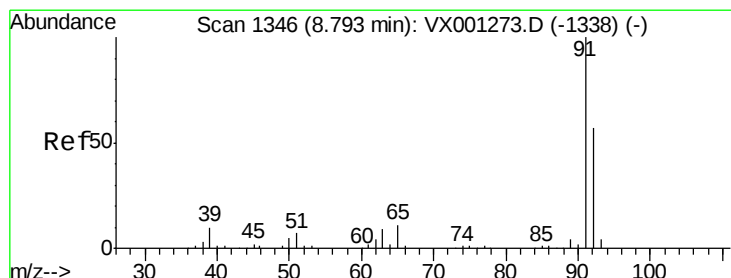
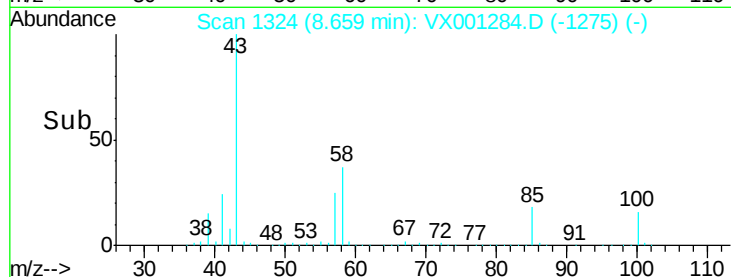
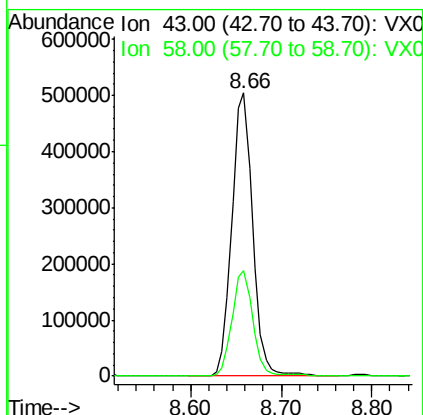
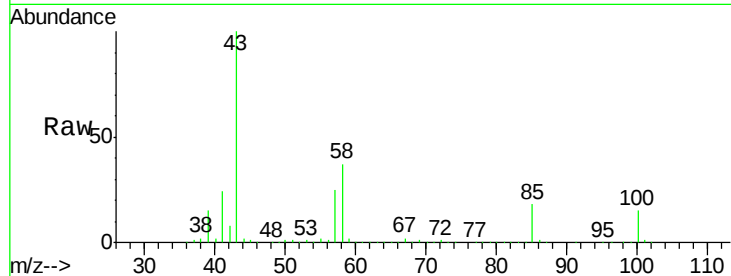




#51
 4-Methyl-2-Pentanone
 Concen: 253.11 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

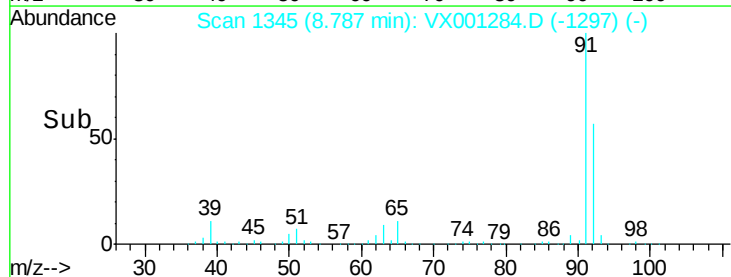
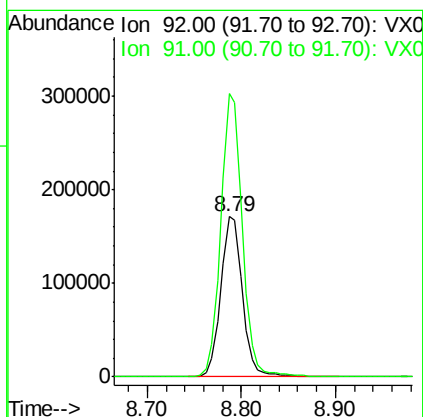
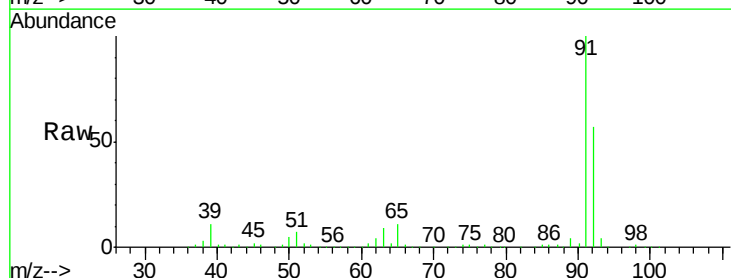
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

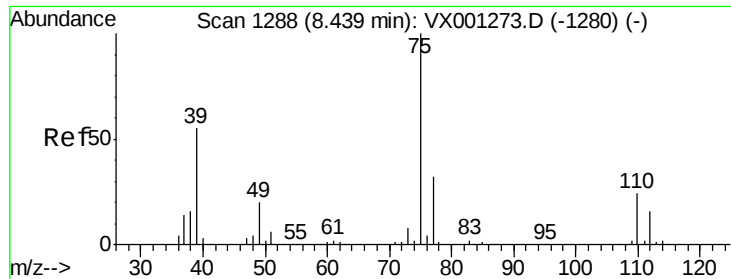
Tgt Ion: 43 Resp: 807553
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.0 43.6



#52
 Toluene
 Concen: 48.03 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 92 Resp: 273394
 Ion Ratio Lower Upper
 92 100
 91 175.6 139.0 208.6

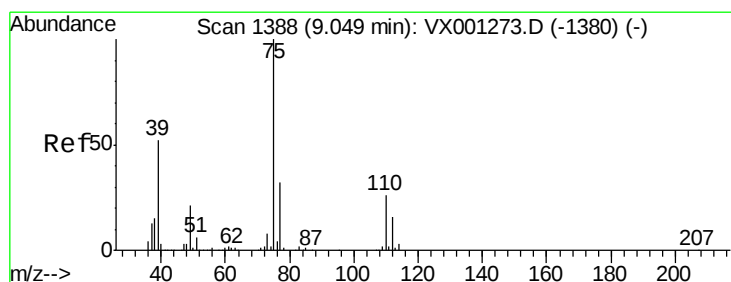
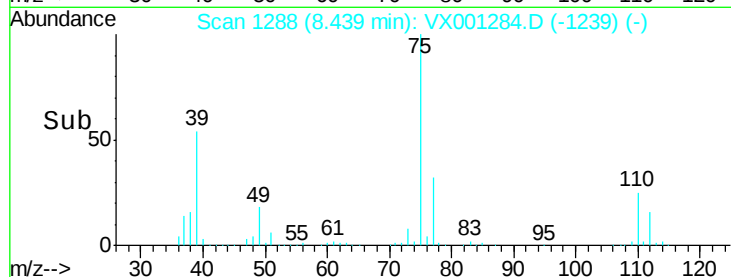
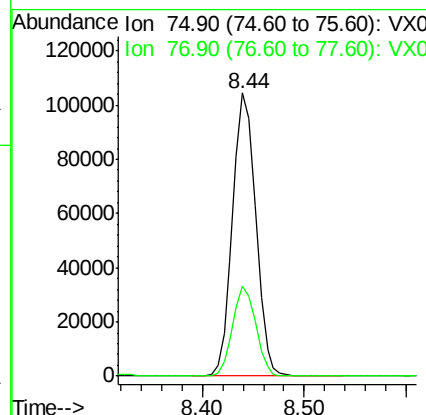
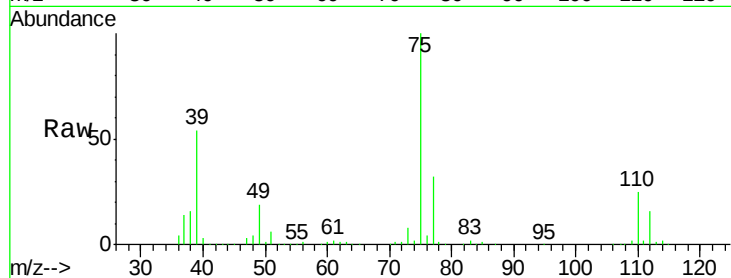




#53
 t-1,3-Dichloropropene
 Concen: 49.45 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

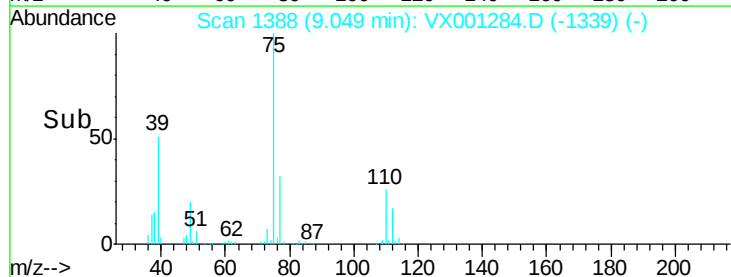
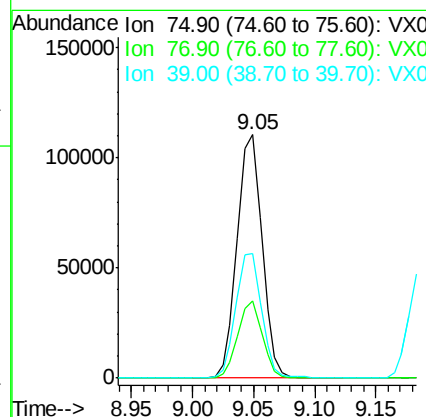
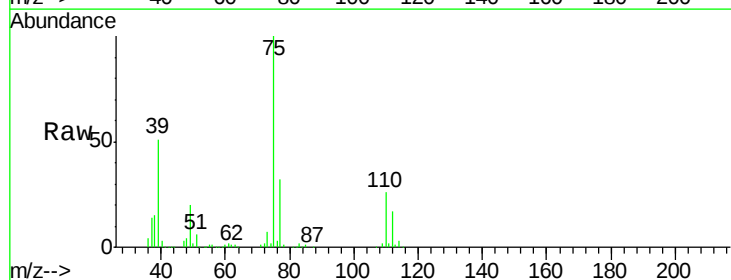
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

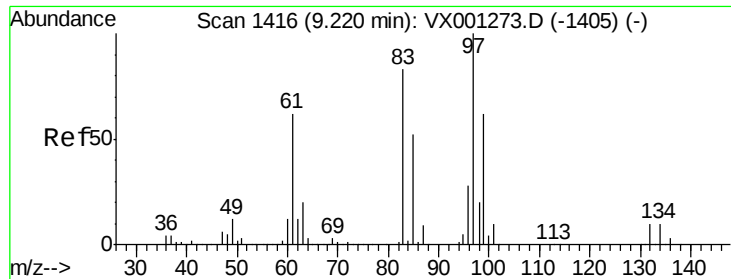
Tgt Ion: 75 Resp: 164829
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.92 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 75 Resp: 156149
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 51.0 41.9 62.9

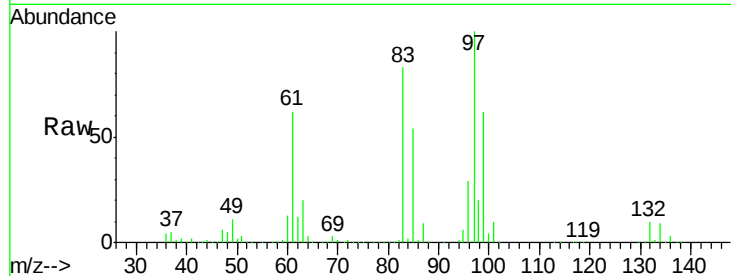




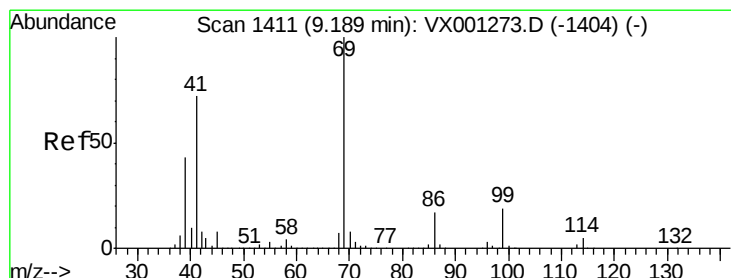
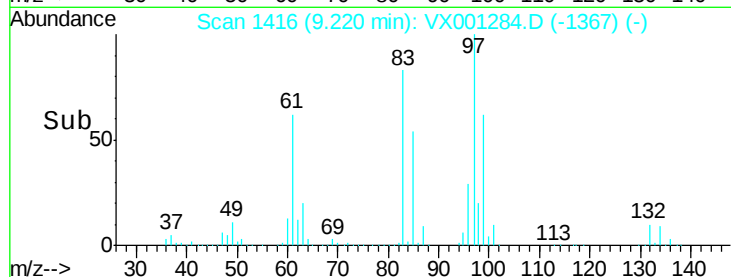
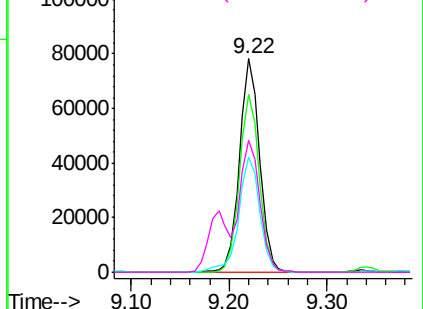
#55
 1,1,2-Trichloroethane
 Concen: 48.60 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	111768
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.4	99.6
85	54.0	41.6	62.4
99	61.9	49.3	73.9

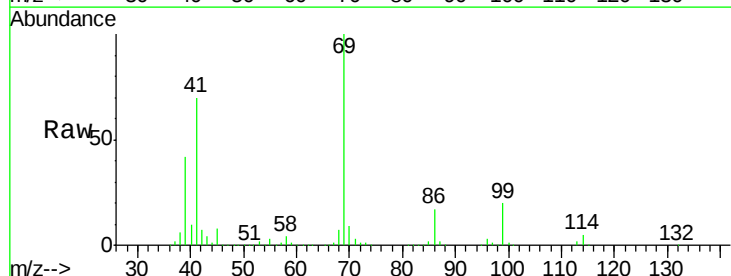


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

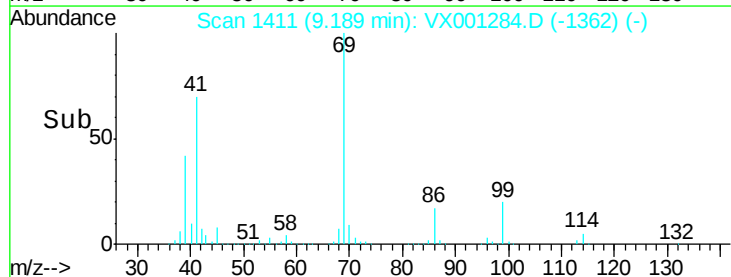
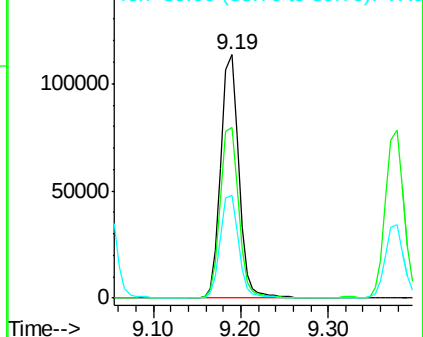


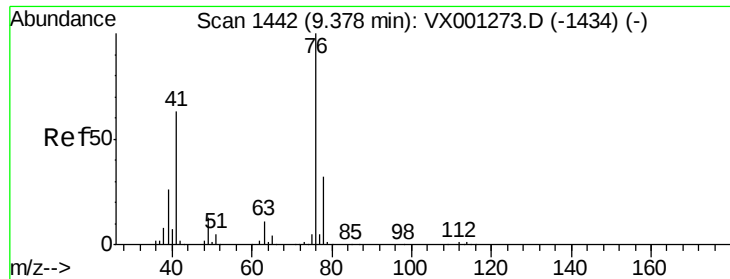
#56
 Ethyl methacrylate
 Concen: 50.90 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion:	69	Resp:	162189
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.2	85.8
39	43.4	34.3	51.5



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





#57

1,3-Dichloropropane

Concen: 48.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

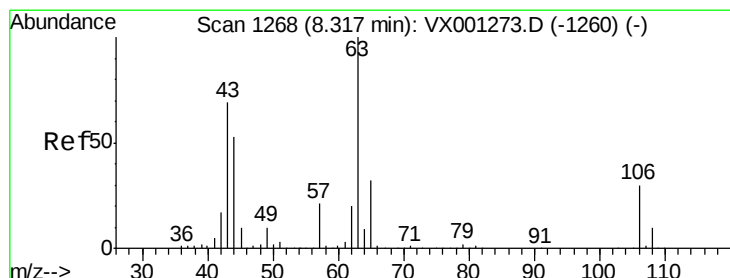
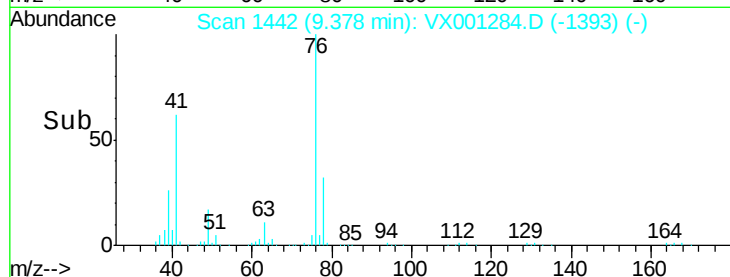
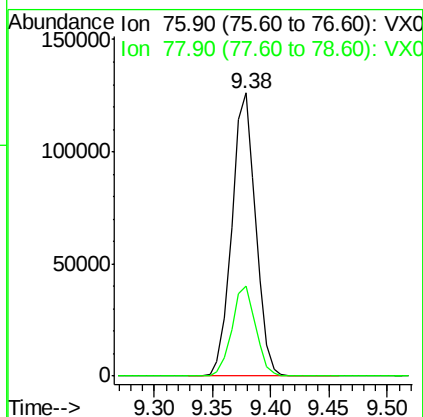
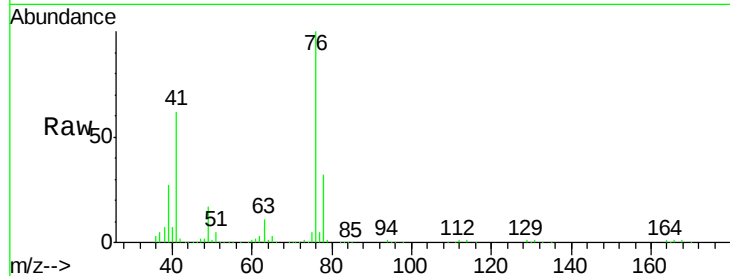
VSTDCCC050

Tgt Ion: 76 Resp: 179506

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.03 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001284.D

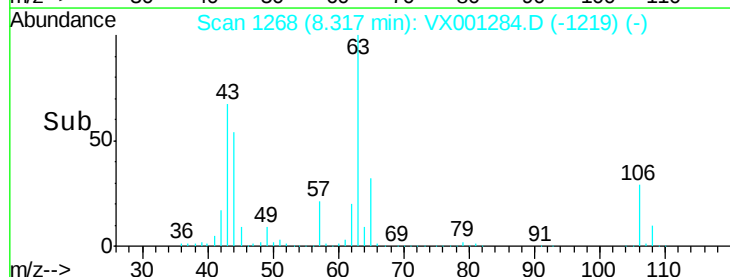
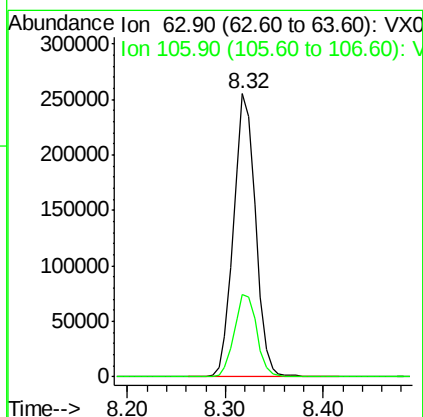
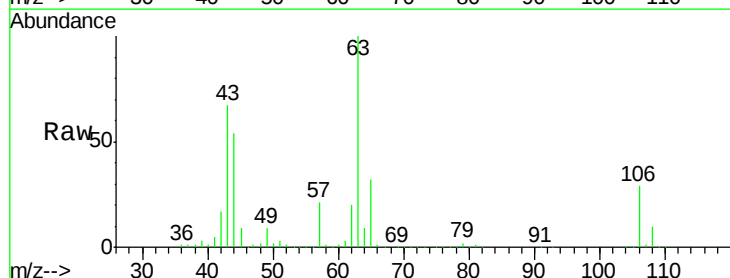
Acq: 01 May 2018 17:55

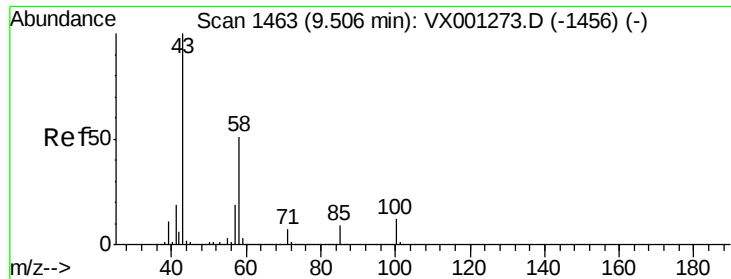
Tgt Ion: 63 Resp: 398191

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.6

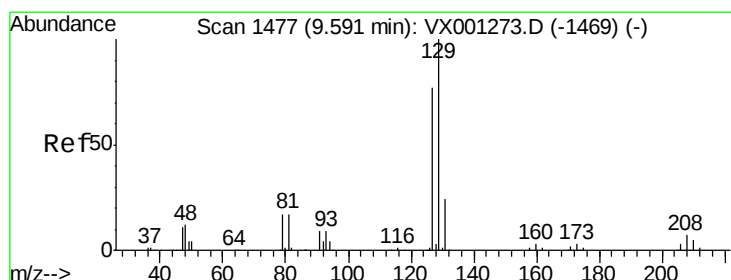
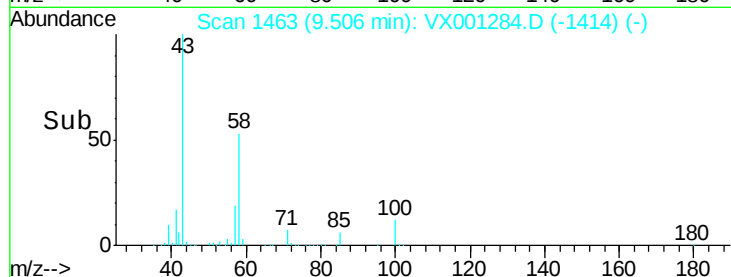
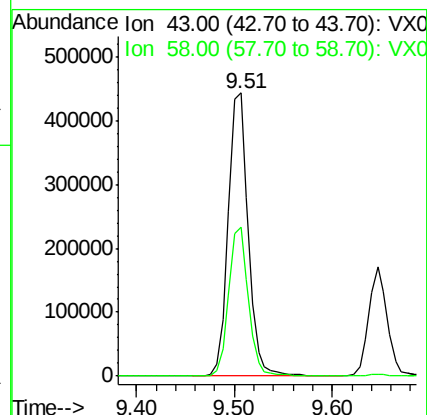
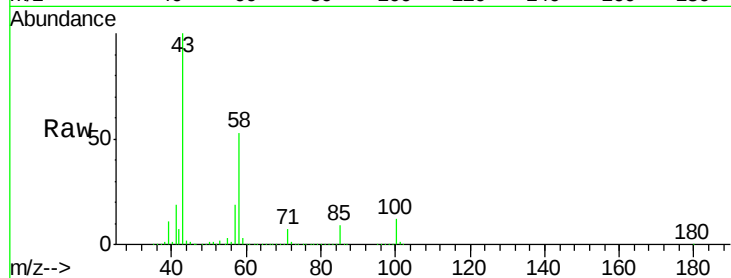




#59
2-Hexanone
Concen: 252.71 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

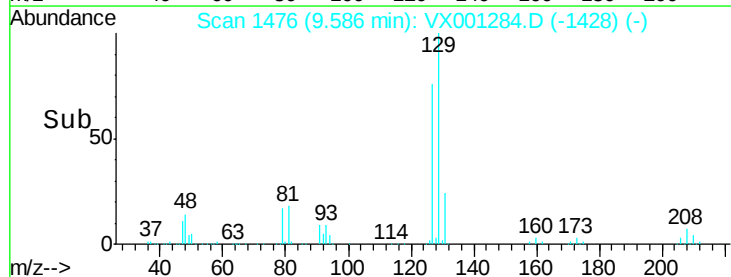
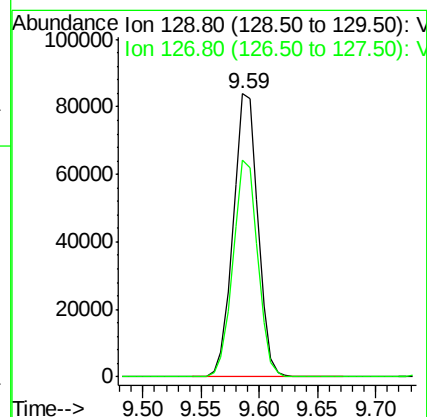
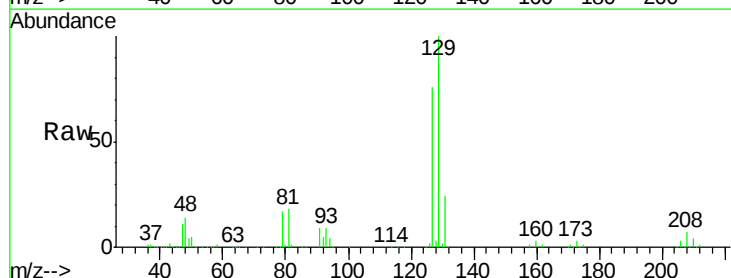
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

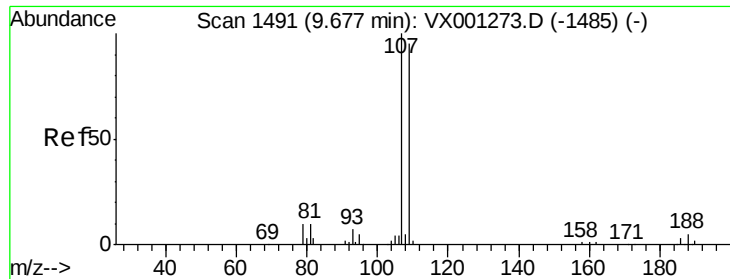
Tgt Ion: 43 Resp: 630180
Ion Ratio Lower Upper
43 100
58 52.1 25.7 77.0



#60
Dibromochloromethane
Concen: 51.65 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion: 129 Resp: 123884
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 49.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

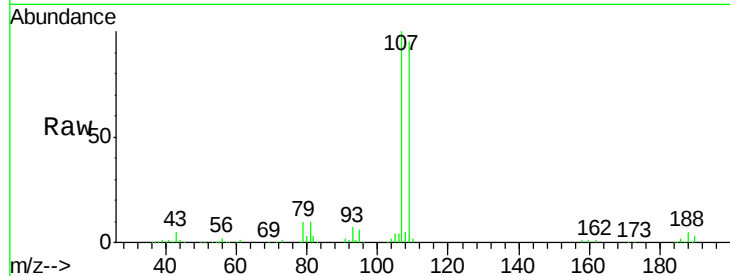
VSTDCCC050

Tgt Ion: 107 Resp: 120032

Ion Ratio Lower Upper

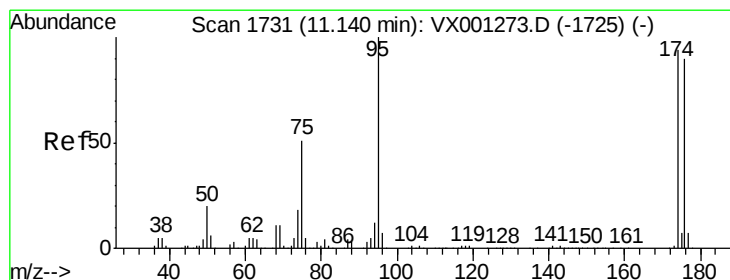
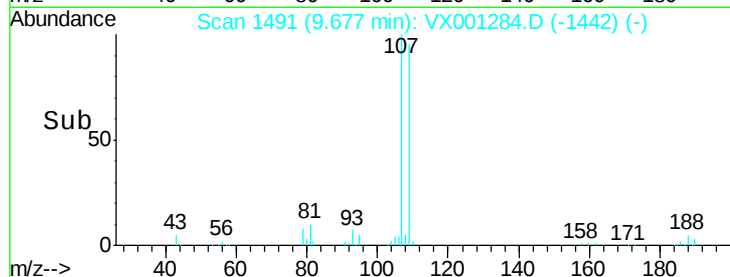
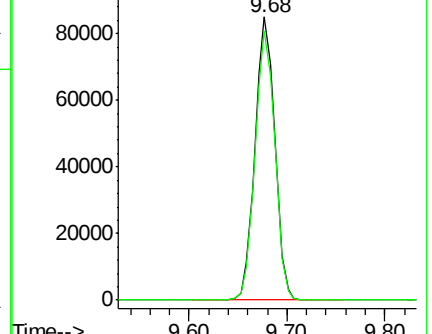
107 100

109 95.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

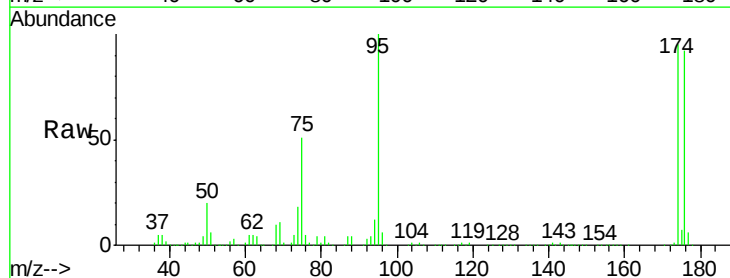
Tgt Ion: 95 Resp: 161376

Ion Ratio Lower Upper

95 100

174 101.0 0.0 201.8

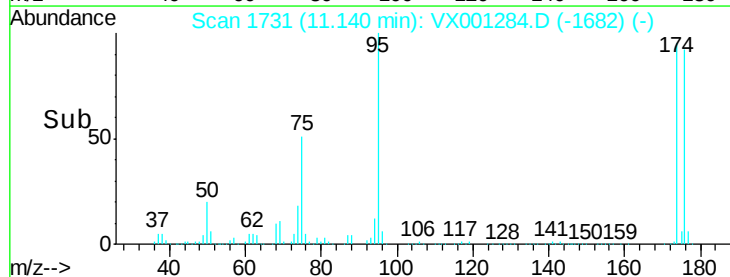
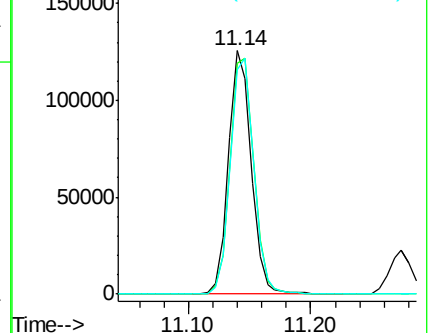
176 99.5 0.0 197.2

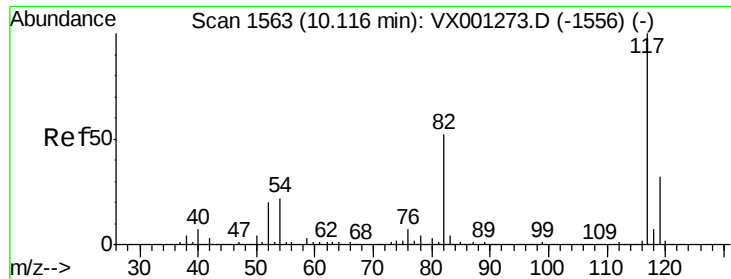


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

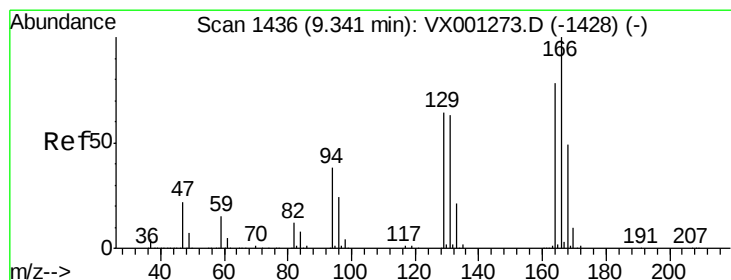
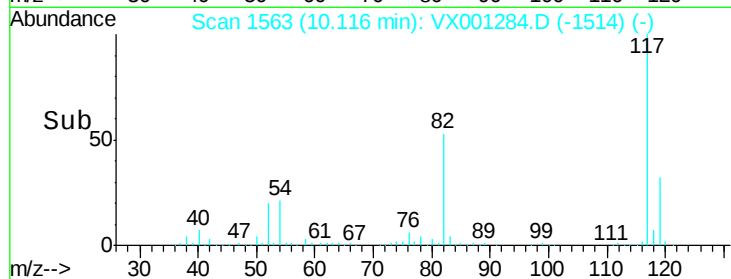
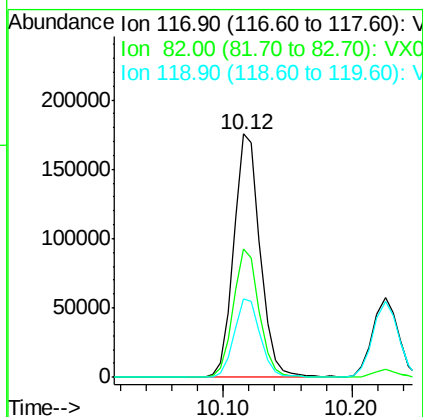
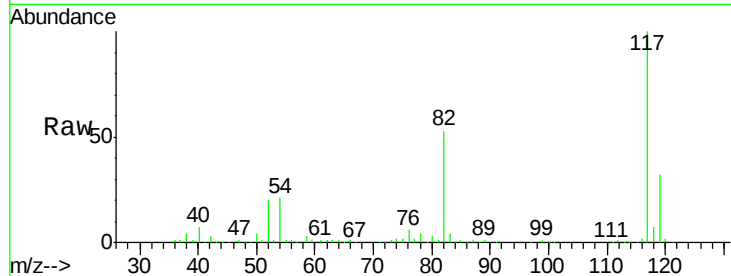




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

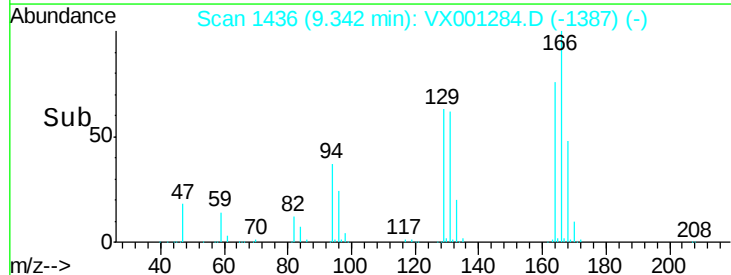
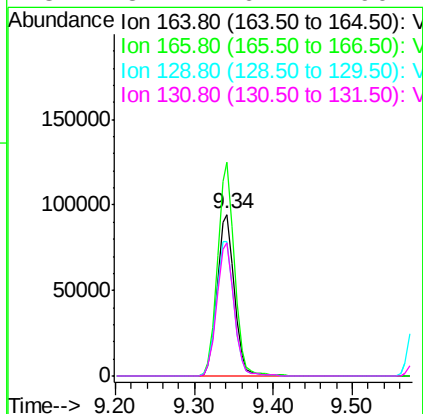
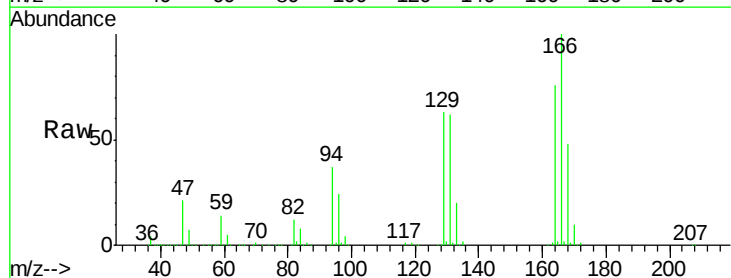
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

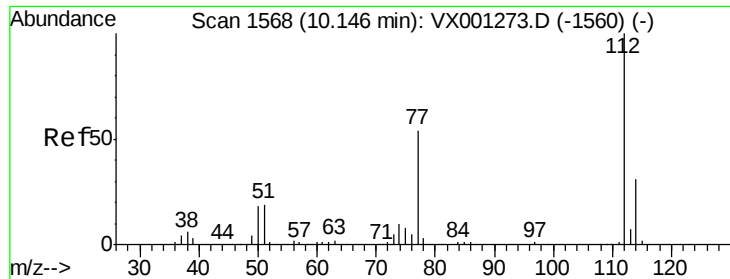
Tgt Ion:117 Resp: 250582
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.0
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 48.46 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion:164 Resp: 143868
Ion Ratio Lower Upper
164 100
166 132.4 102.3 153.5
129 83.5 65.1 97.7
131 82.4 64.2 96.4

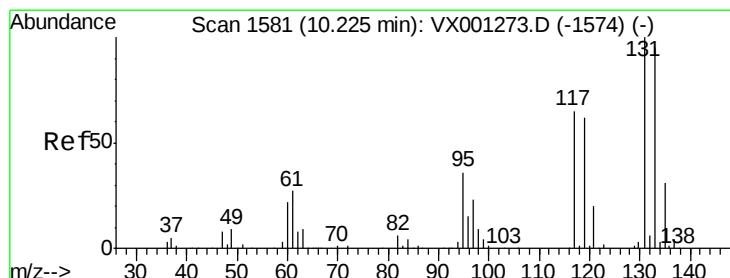
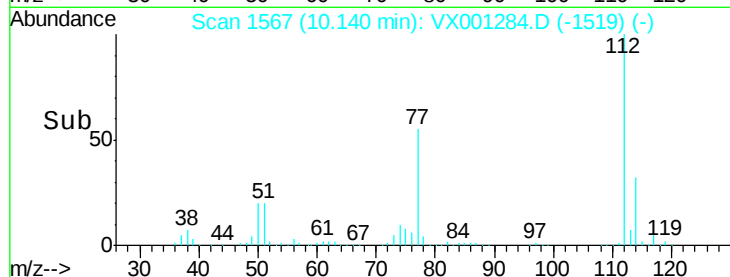
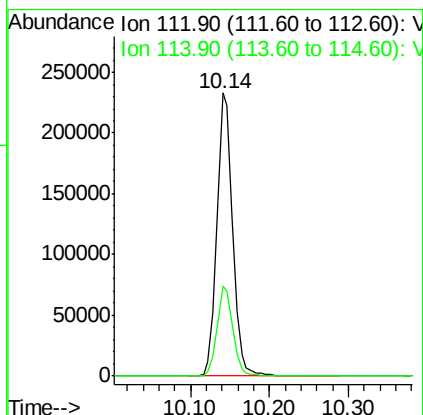
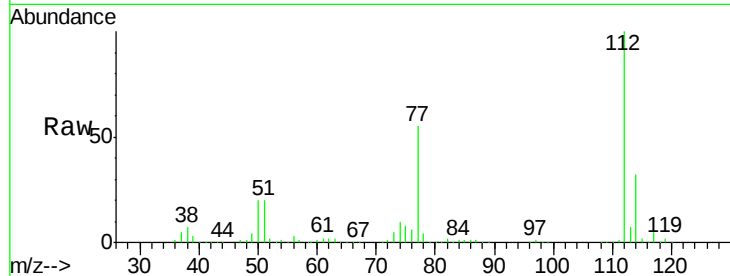




#65
Chlorobenzene
Concen: 47.70 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

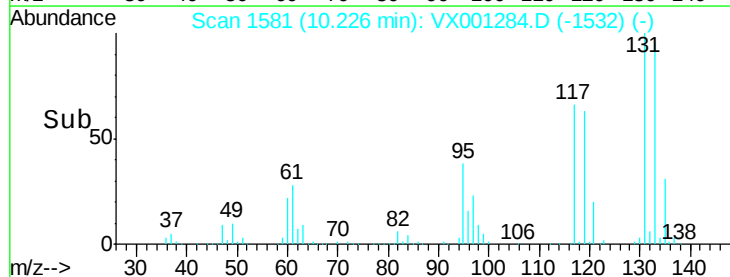
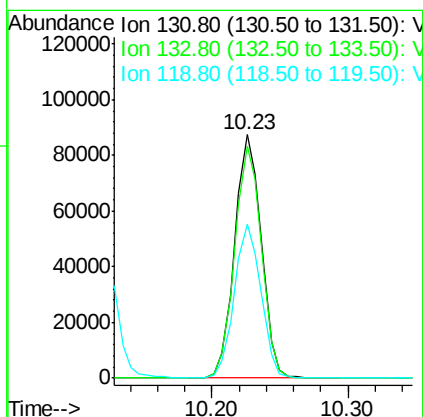
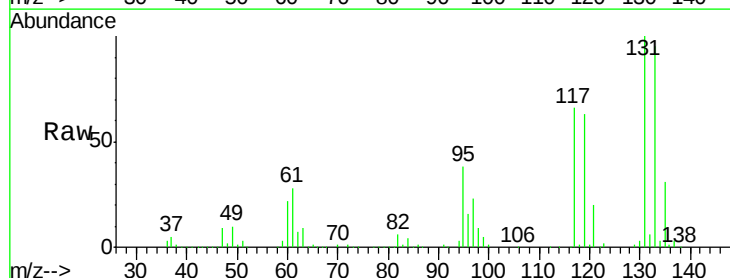
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

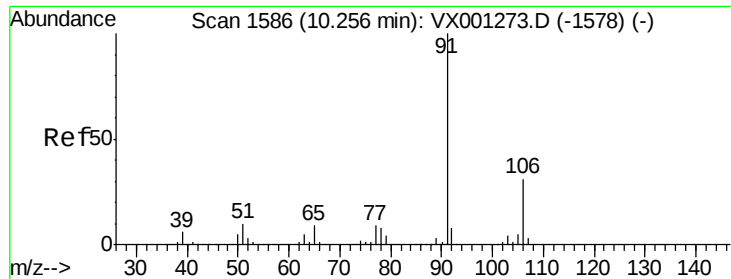
Tgt Ion:112 Resp: 325084
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.26 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion:131 Resp: 118896
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.9
119 63.3 31.2 93.6





#67

Ethyl Benzene

Concen: 48.25 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

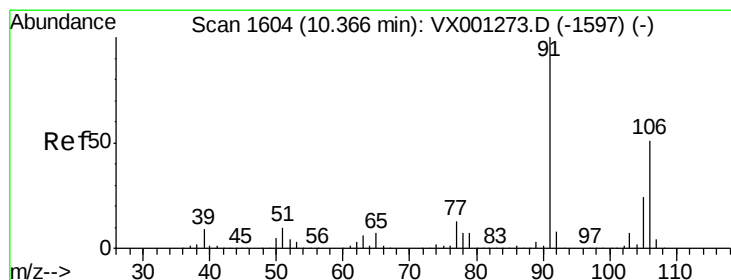
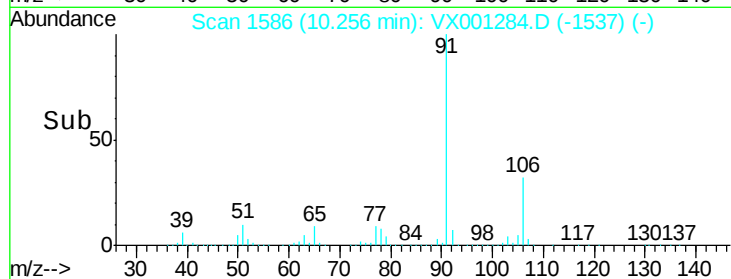
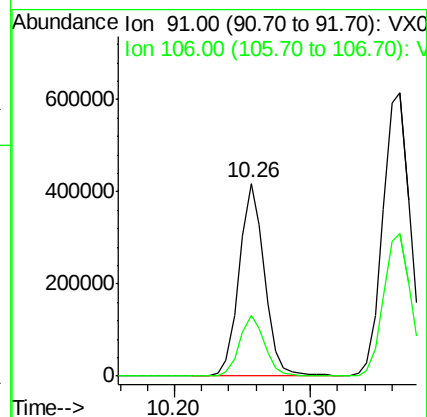
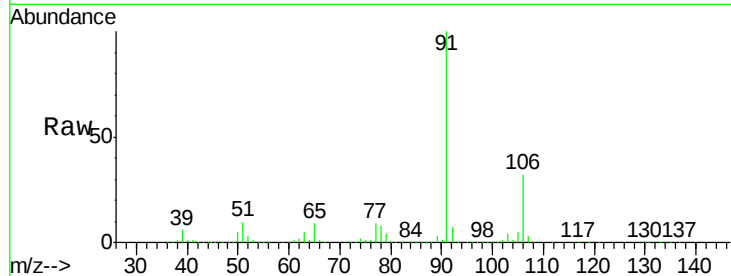
VSTDCCC050

Tgt Ion: 91 Resp: 541899

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 99.39 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001284.D

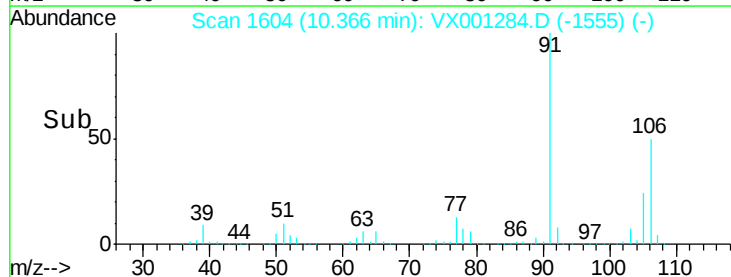
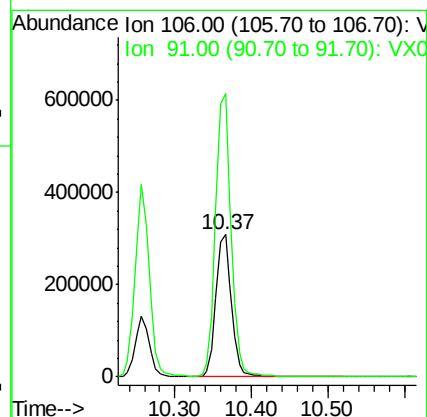
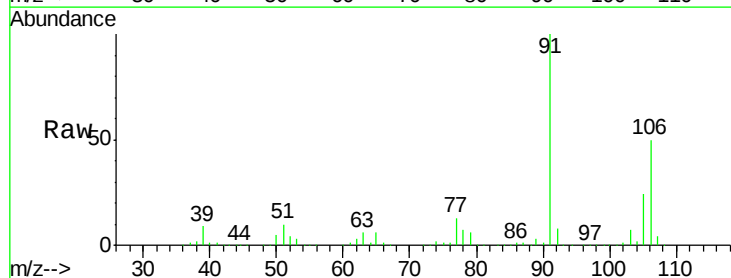
Acq: 01 May 2018 17:55

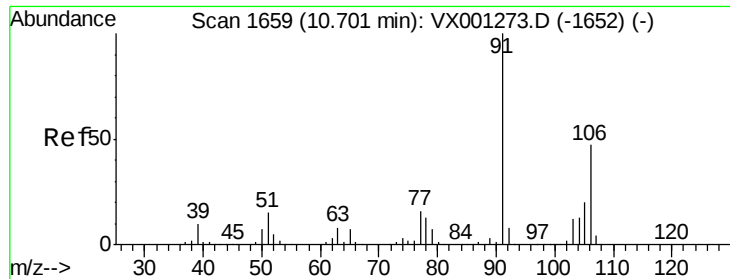
Tgt Ion: 106 Resp: 439184

Ion Ratio Lower Upper

106 100

91 199.2 159.4 239.2

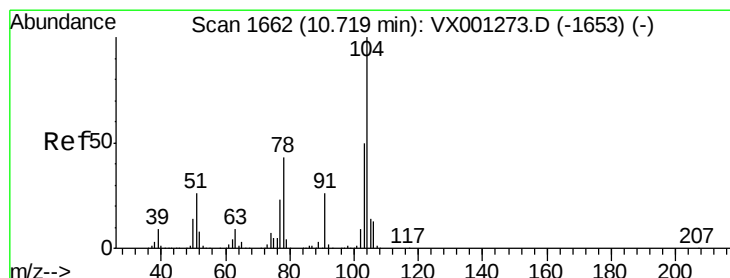
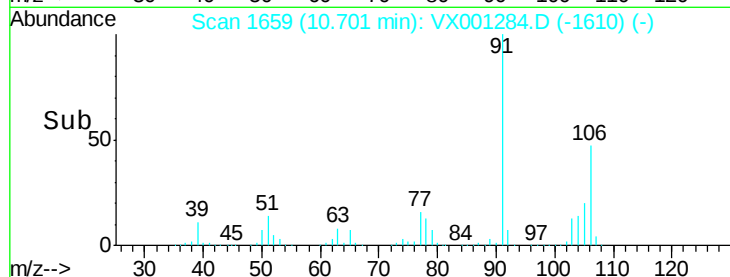
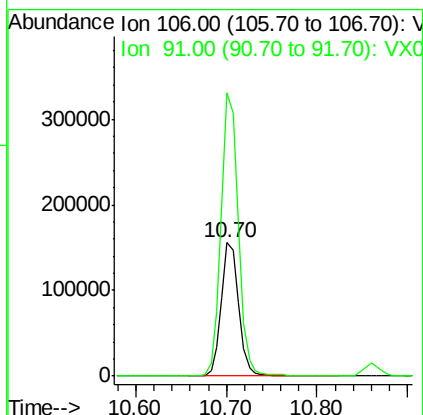
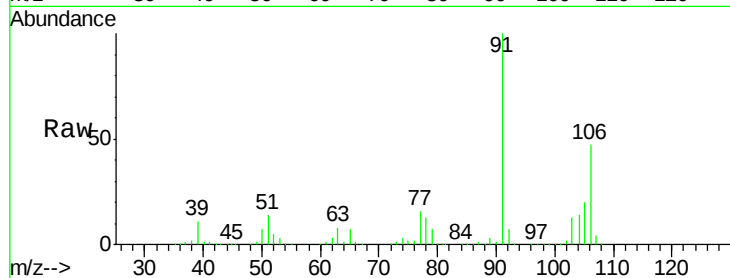




#69
o-Xylene
Concen: 48.98 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

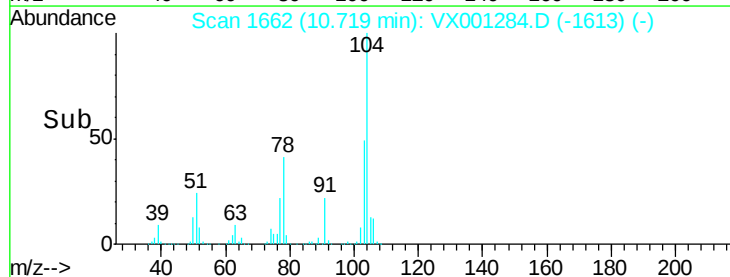
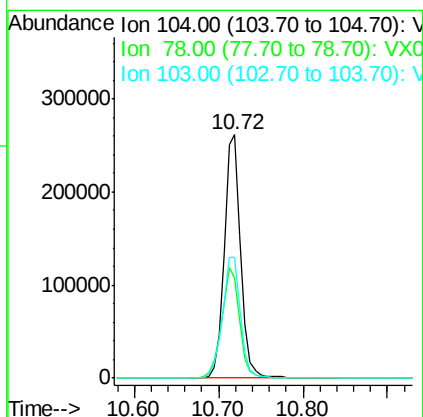
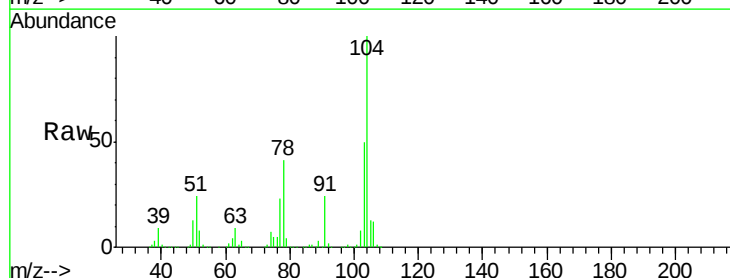
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

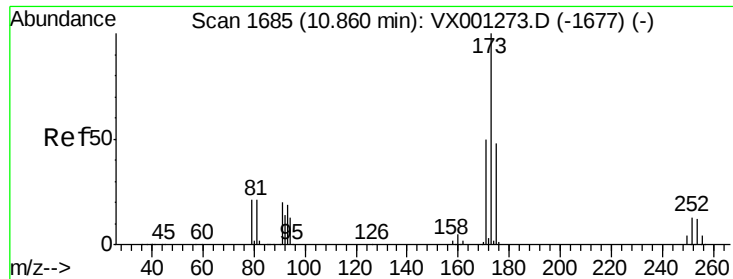
Tgt Ion:106 Resp: 209929
Ion Ratio Lower Upper
106 100
91 211.7 106.3 319.0



#70
Styrene
Concen: 49.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion:104 Resp: 350251
Ion Ratio Lower Upper
104 100
78 49.6 40.1 60.1
103 55.5 44.5 66.7

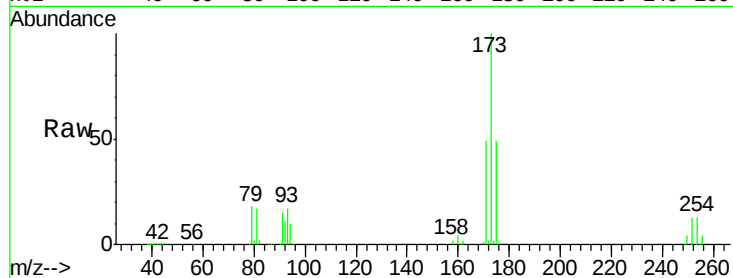




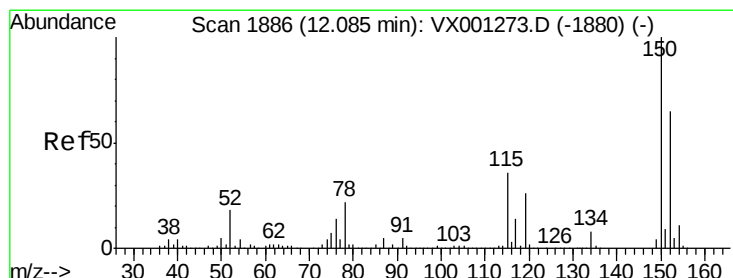
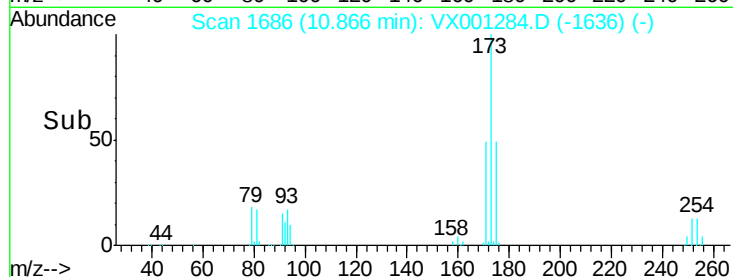
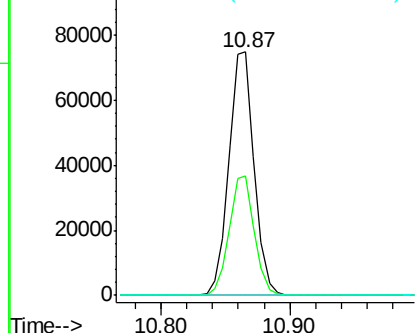
#71
Bromoform
Concen: 45.49 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 103070
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.2 0.2 0.2

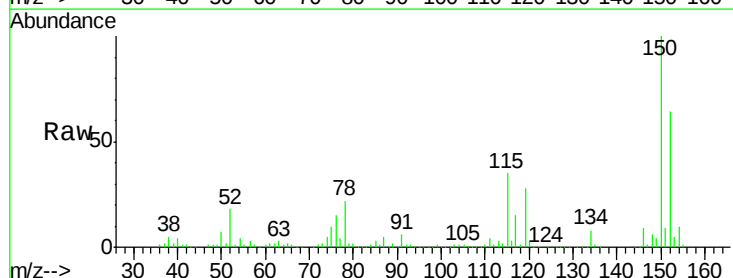


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

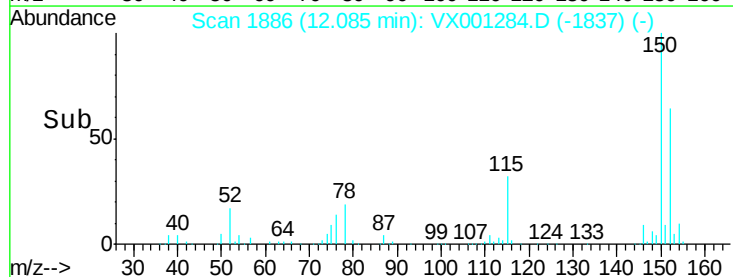
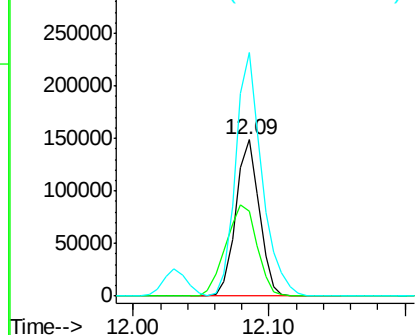


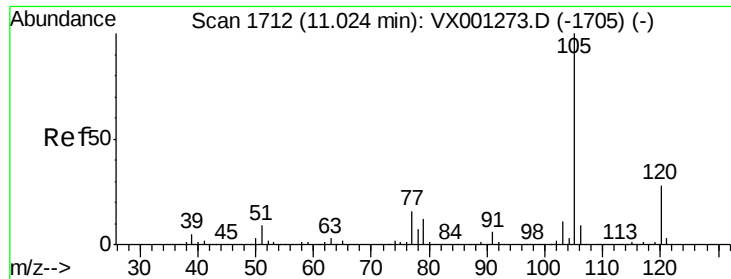
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion:152 Resp: 178646
Ion Ratio Lower Upper
152 100
115 78.0 38.6 115.7
150 174.1 0.0 349.2



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





#73

Isopropylbenzene

Concen: 48.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

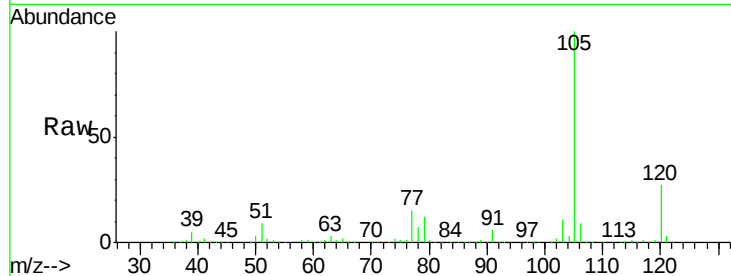
VSTDCCC050

Tgt Ion: 105 Resp: 577519

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

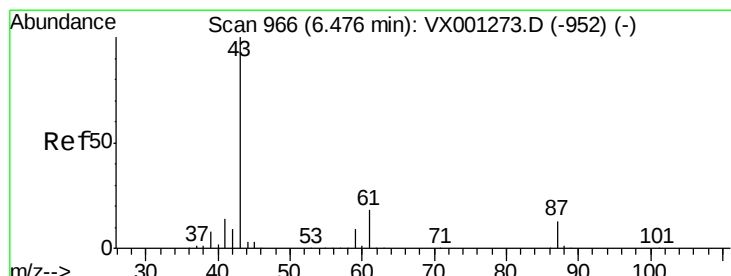
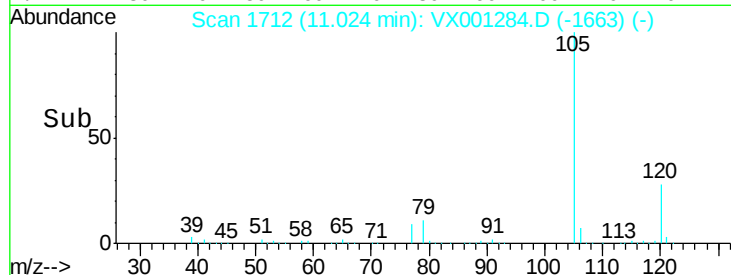
0

11.00

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 47.44 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Tgt Ion: 43 Resp: 243228

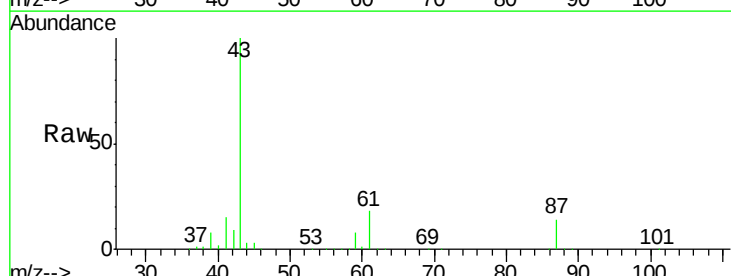
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.6 15.0 22.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

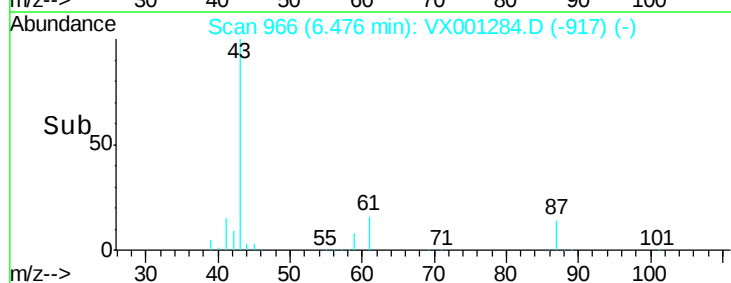
0

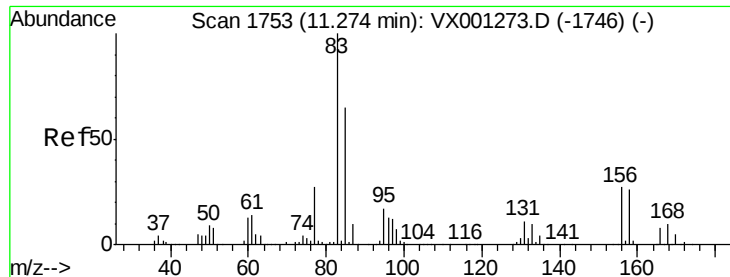
6.40

6.48

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

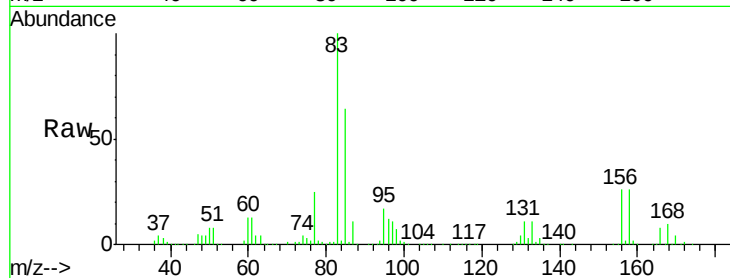
Tgt Ion: 83 Resp: 170244

Ion Ratio Lower Upper

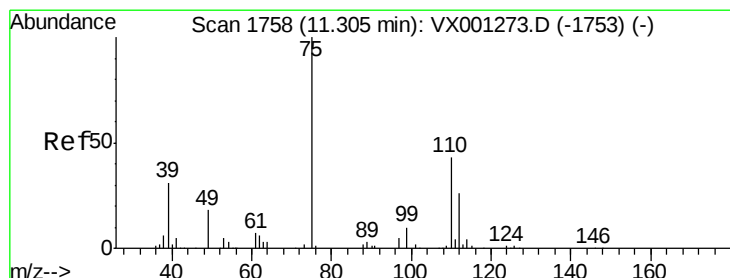
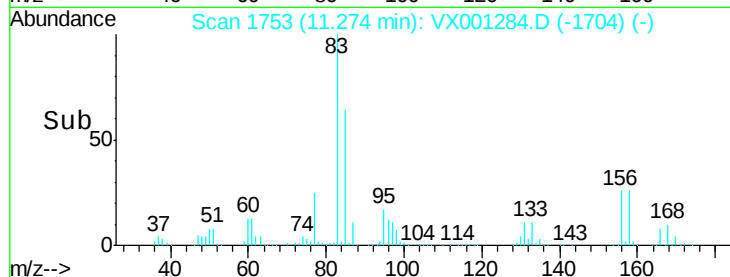
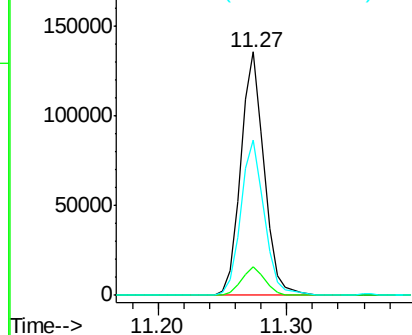
83 100

131 11.6 5.8 17.3

85 64.3 32.6 97.7



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



#76

1,2,3-Trichloropropane

Concen: 58.93 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001284.D

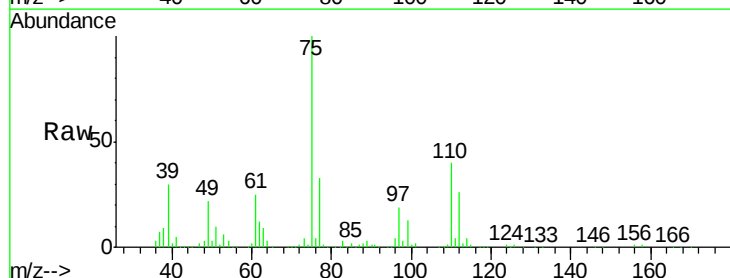
Acq: 01 May 2018 17:55

Tgt Ion: 75 Resp: 194659

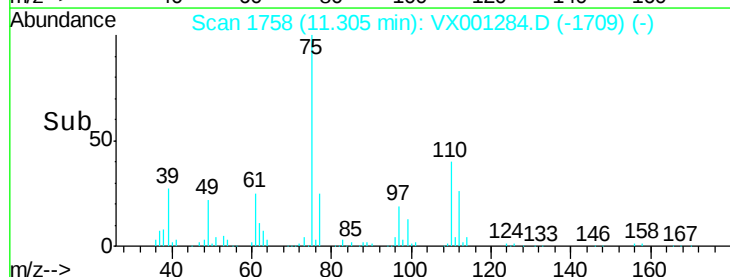
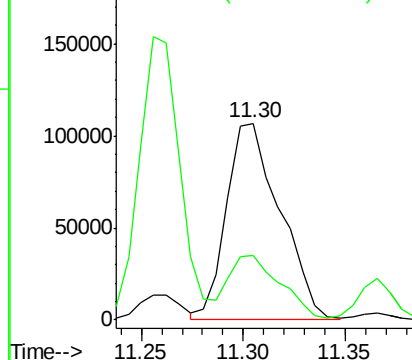
Ion Ratio Lower Upper

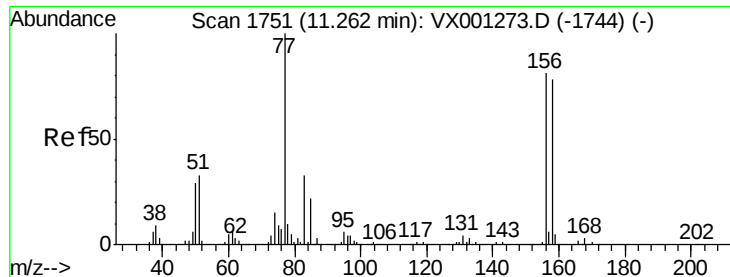
75 100

77 31.2 18.9 56.5



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





#77

Bromobenzene

Concen: 47.62 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

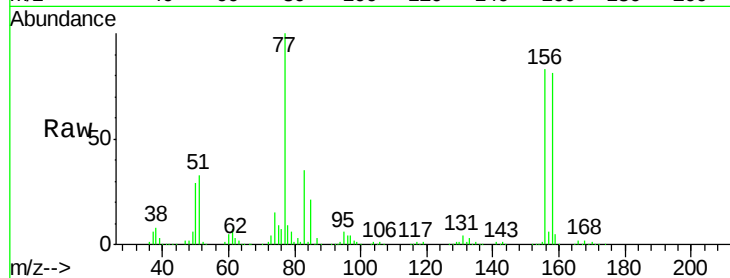
Tgt Ion: 156 Resp: 164141

Ion Ratio Lower Upper

156 100

77 130.6 65.3 195.8

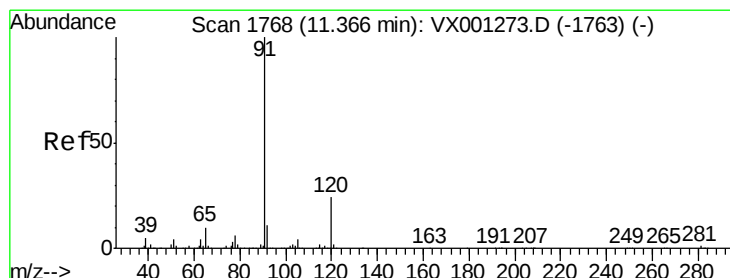
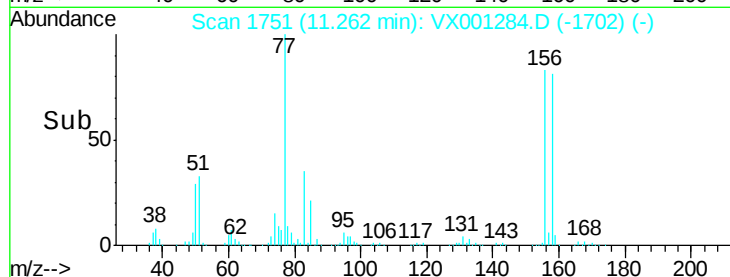
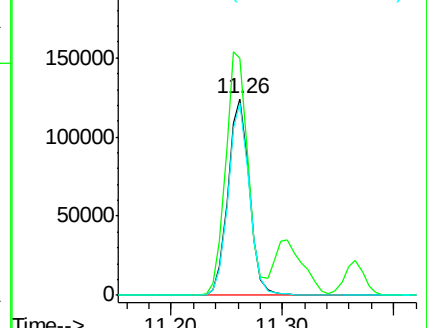
158 97.0 48.5 145.5



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: 49.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001284.D

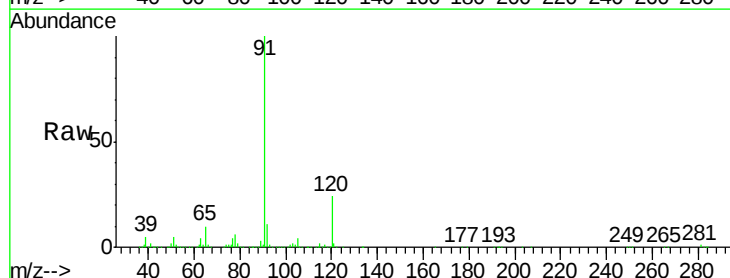
Acq: 01 May 2018 17:55

Tgt Ion: 91 Resp: 655481

Ion Ratio Lower Upper

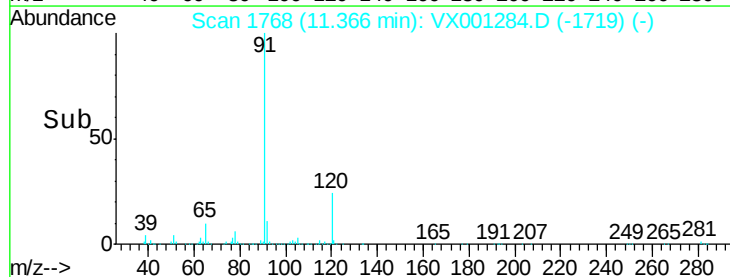
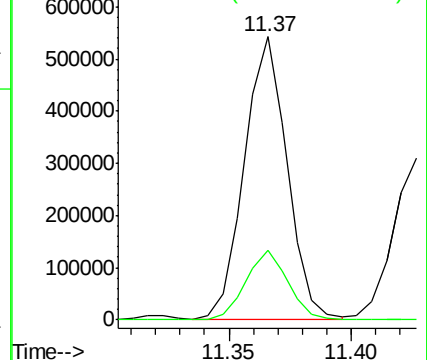
91 100

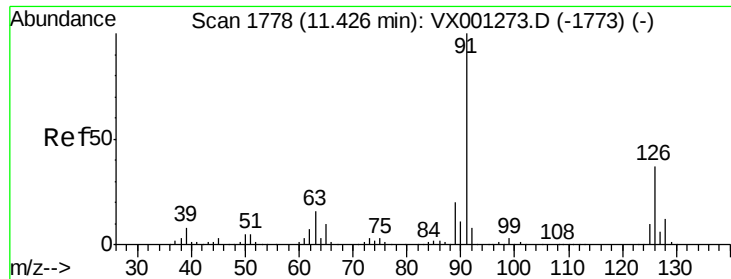
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

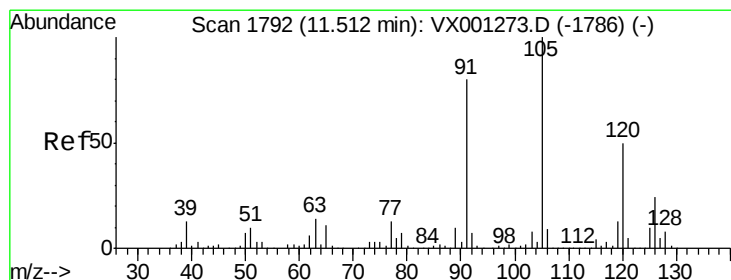
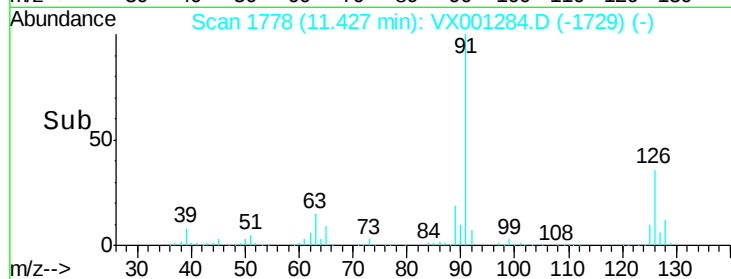
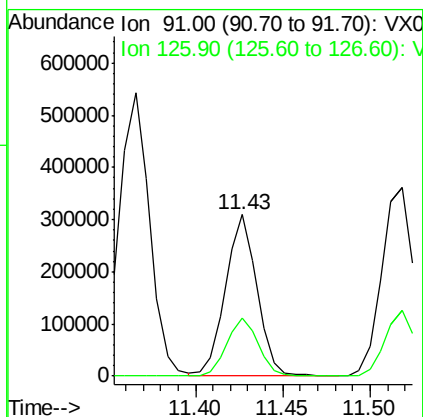
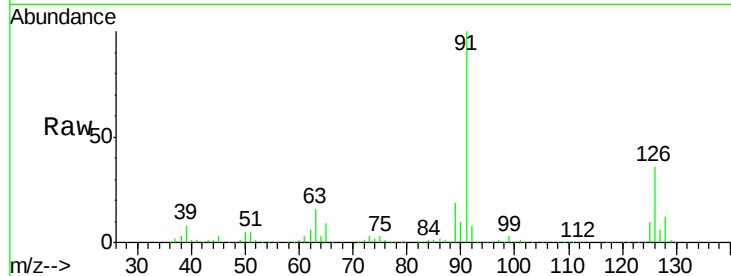




#79
 2-Chlorotoluene
 Concen: 48.13 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

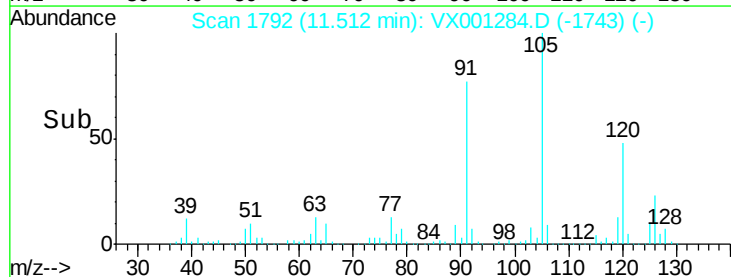
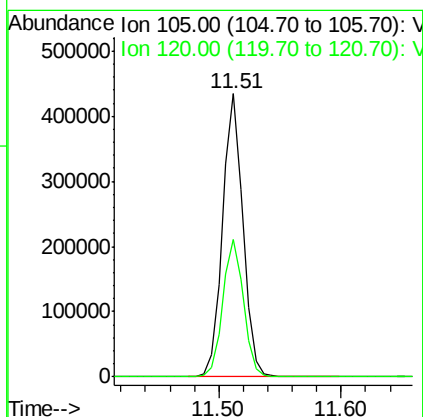
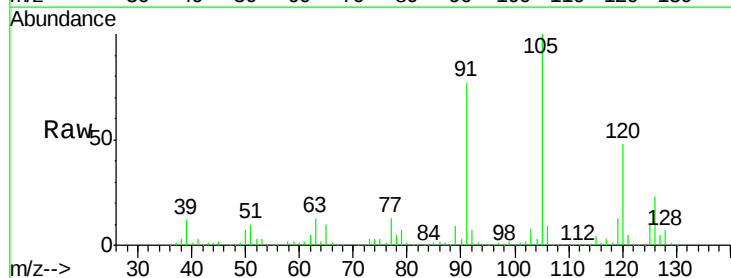
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

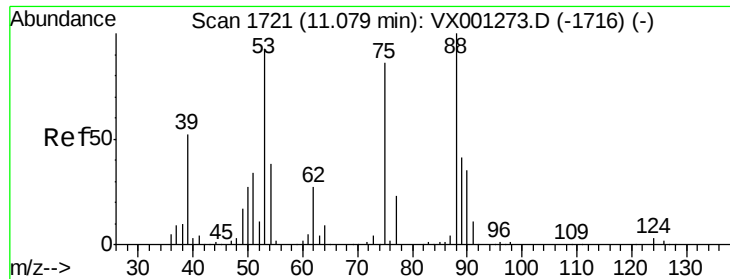
Tgt Ion: 91 Resp: 385703
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.92 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion: 105 Resp: 501025
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.38 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

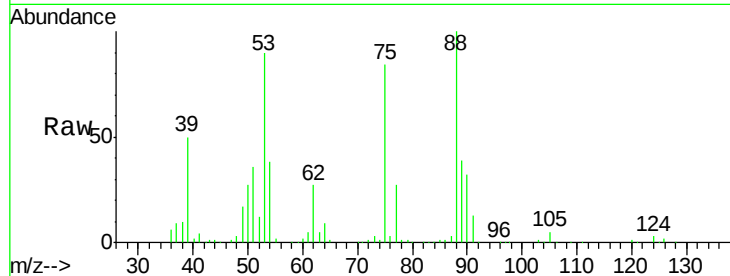
Tgt Ion: 75 Resp: 45644

Ion Ratio Lower Upper

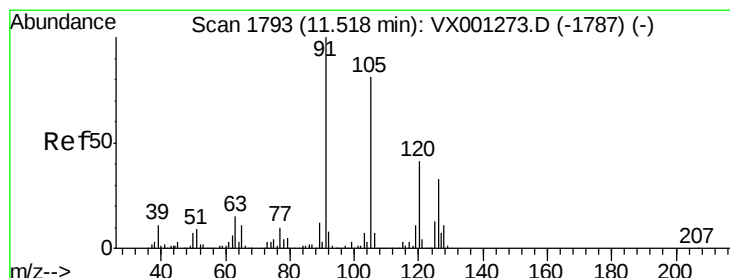
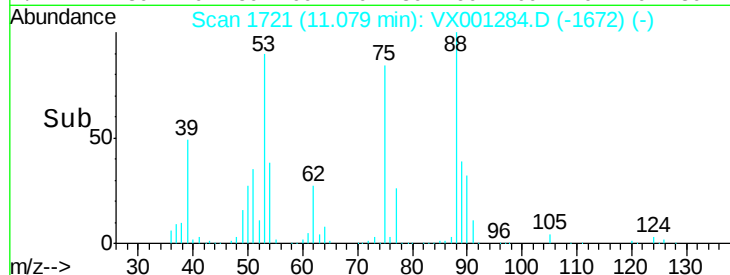
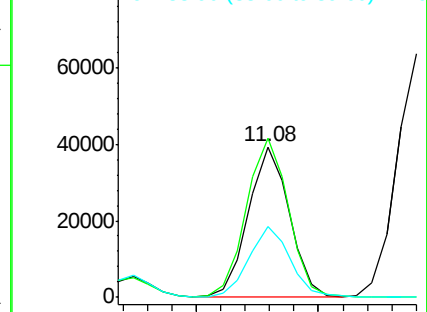
75 100

53 109.3 87.1 130.7

89 48.2 38.9 58.3



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: 48.25 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001284.D

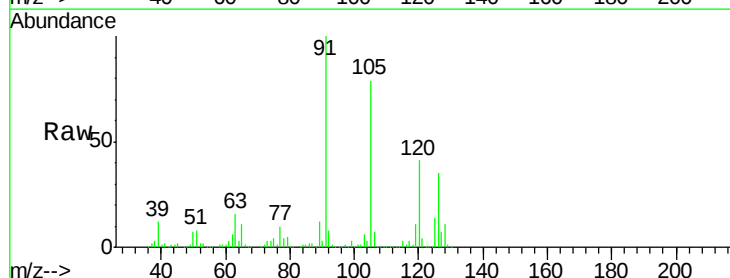
Acq: 01 May 2018 17:55

Tgt Ion: 91 Resp: 465128

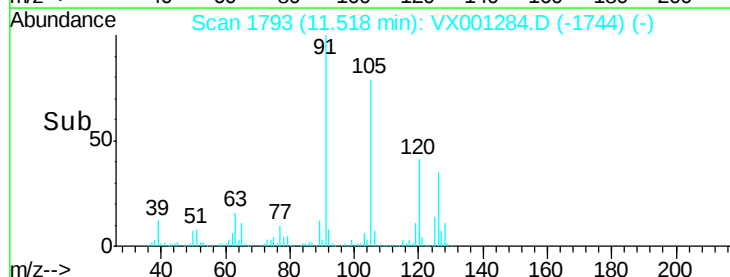
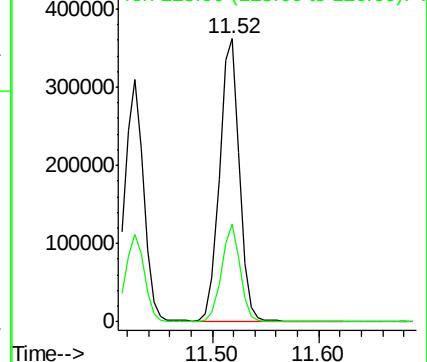
Ion Ratio Lower Upper

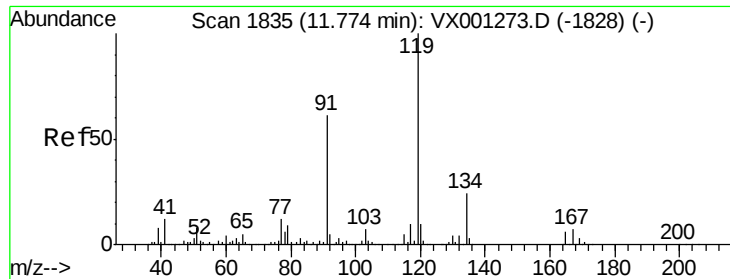
91 100

126 32.6 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

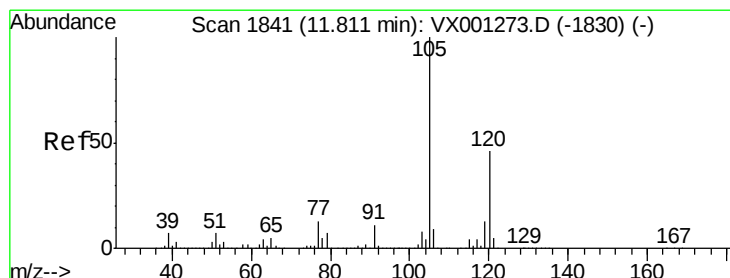
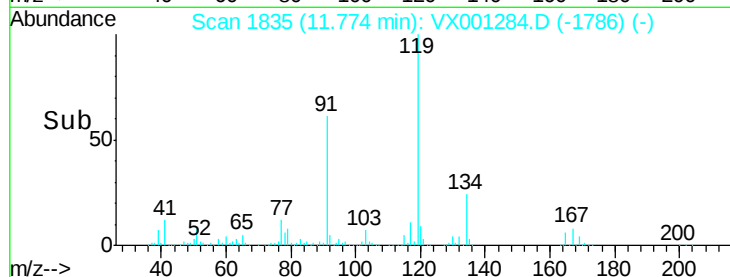
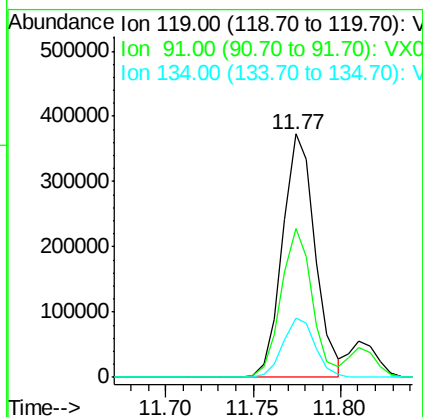
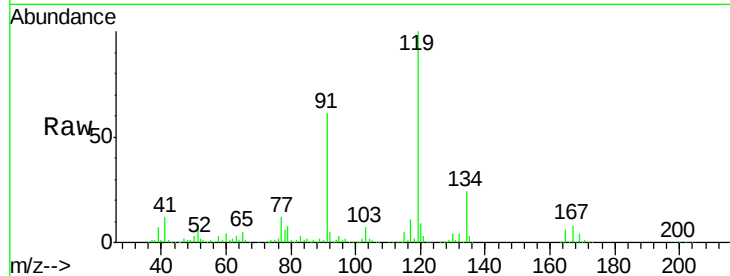




#83
 tert-Butylbenzene
 Concen: 48.63 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

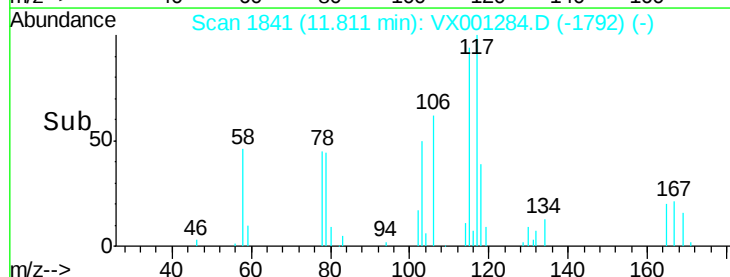
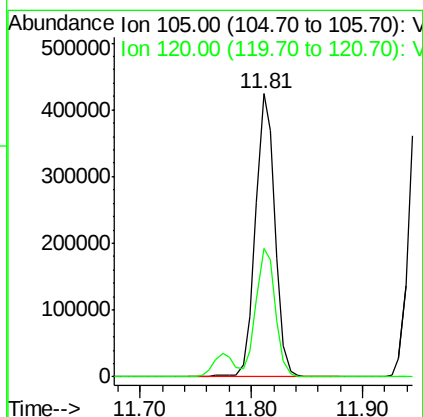
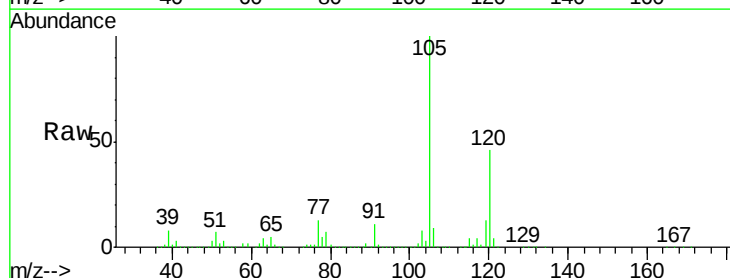
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

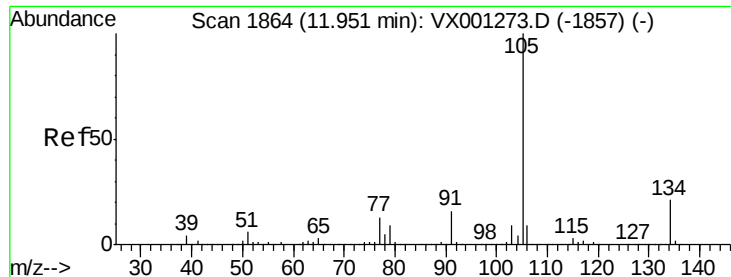
Tgt Ion:119 Resp: 486698
 Ion Ratio Lower Upper
 119 100
 91 58.4 28.1 84.3
 134 24.0 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.15 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion:105 Resp: 515795
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1

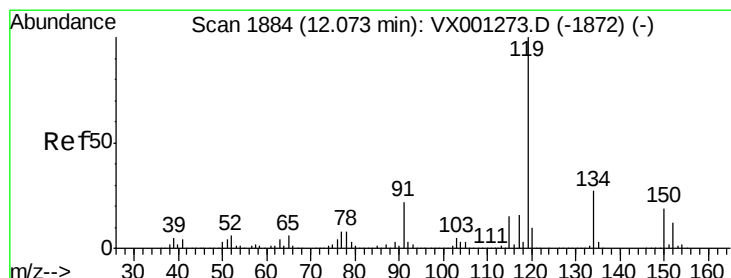
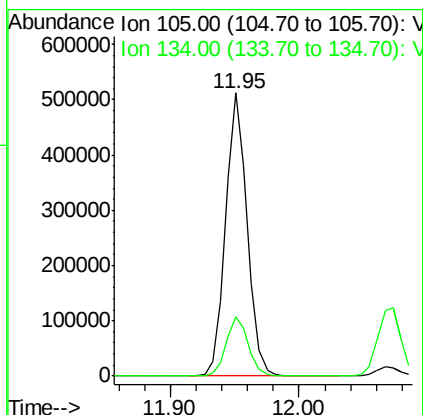
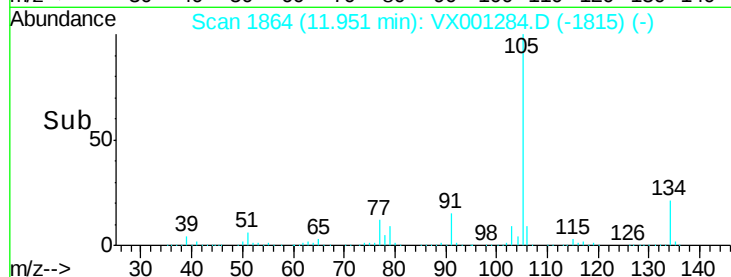
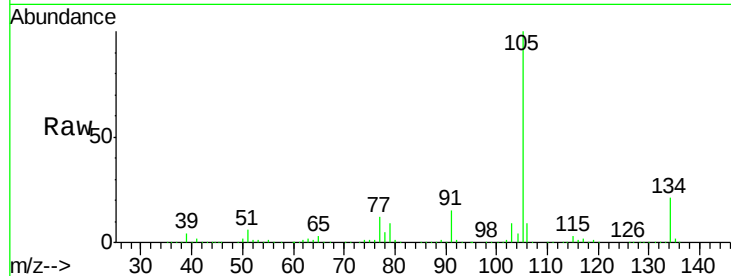




#85
 sec-Butylbenzene
 Concen: 50.48 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

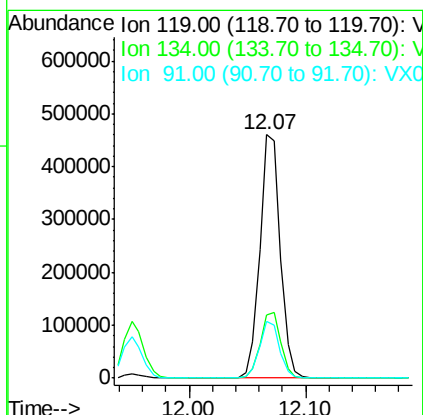
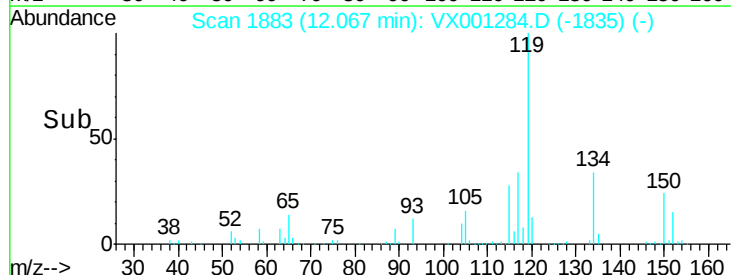
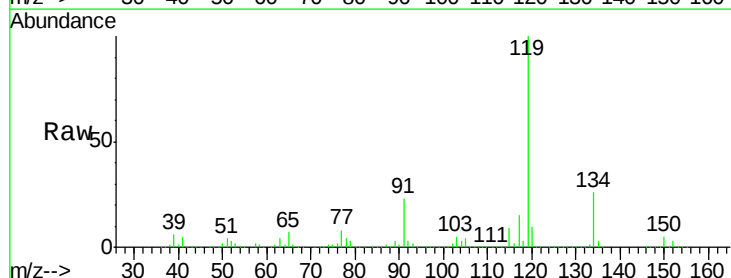
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

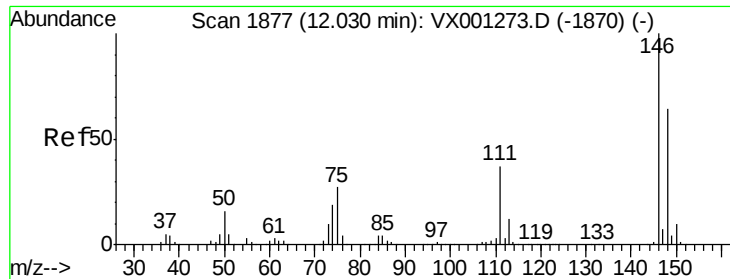
Tgt Ion:105 Resp: 604443
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 51.40 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion:119 Resp: 564646
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 23.1 11.7 35.1

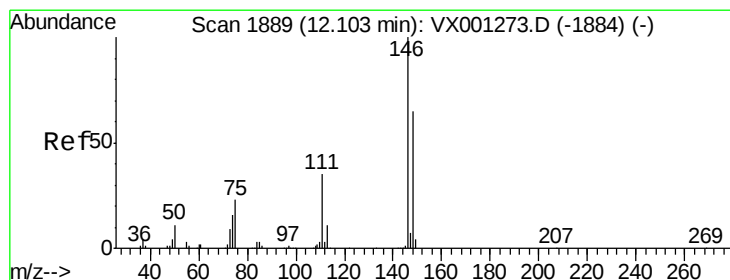
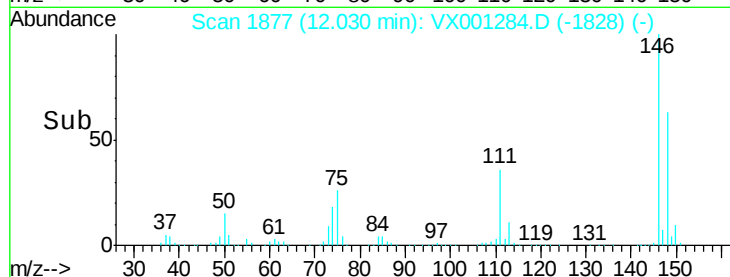
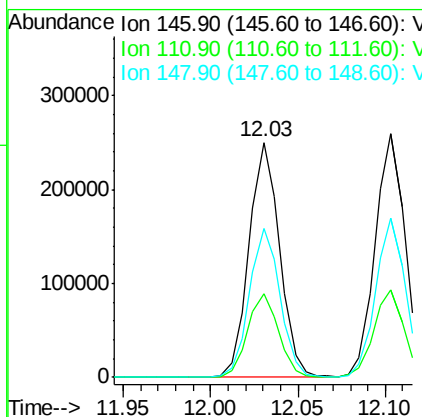
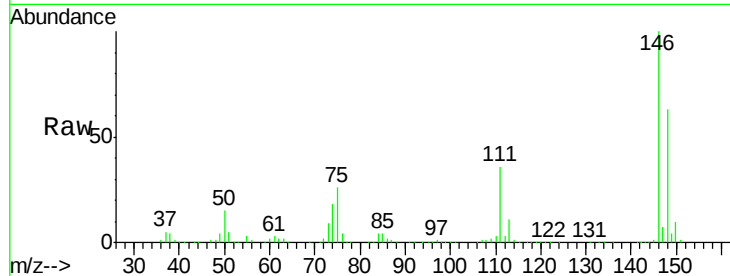




#87
 1,3-Dichlorobenzene
 Concen: 47.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

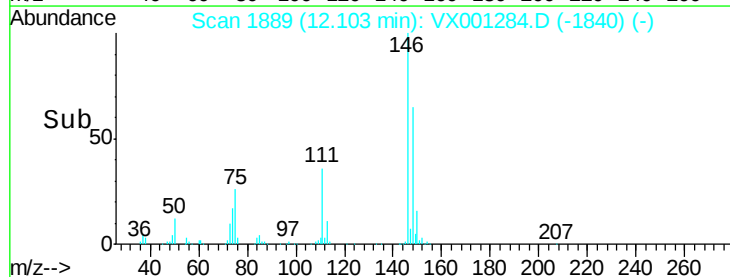
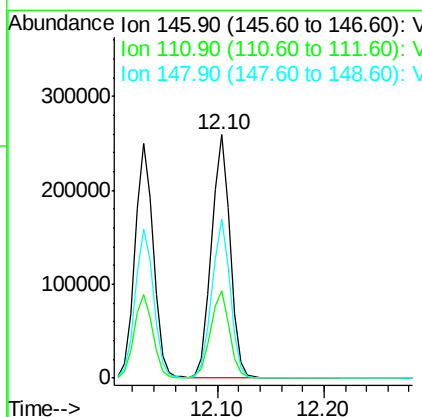
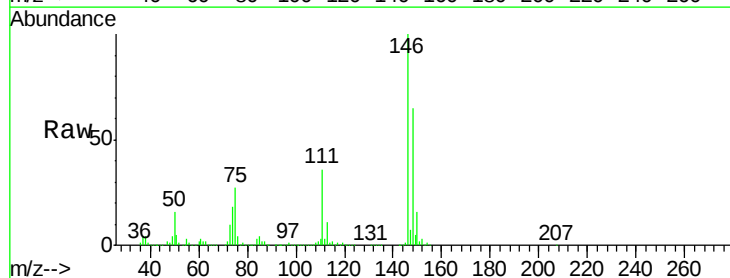
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 304433
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.2
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 46.78 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion:146 Resp: 310393
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.9 53.7
 148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 51.44 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

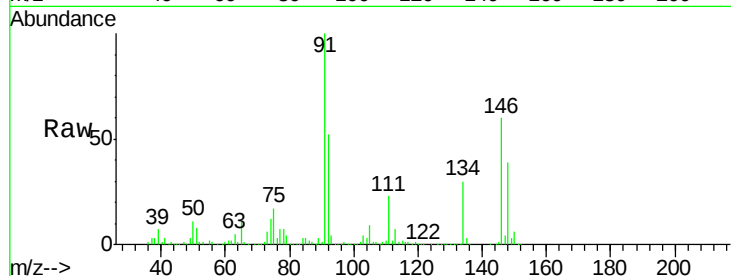
Tgt Ion: 91 Resp: 493188

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

134 28.3 14.0 42.0

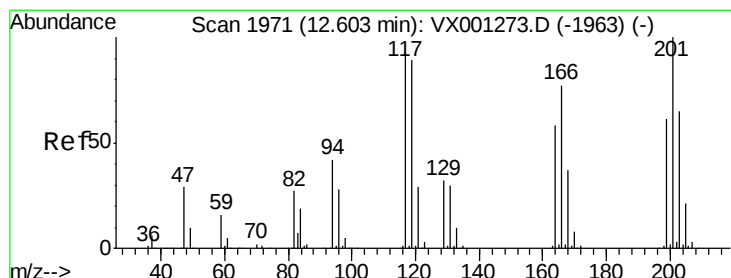
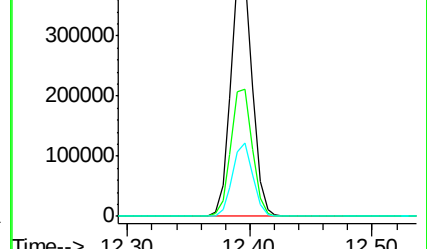
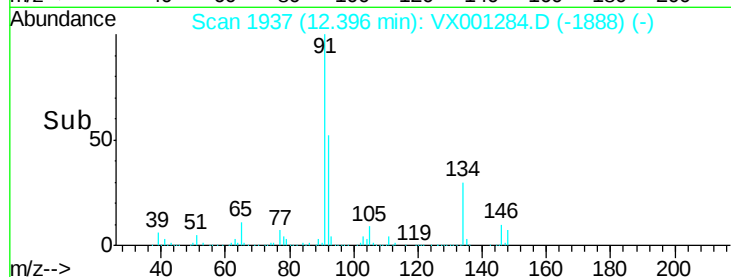


Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1927) (-)

Ion 92.00 (91.70 to 92.70): VX001273.D (-1927) (-)

Ion 134.00 (133.70 to 134.70): VX001273.D (-1927) (-)

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 51.50 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001284.D

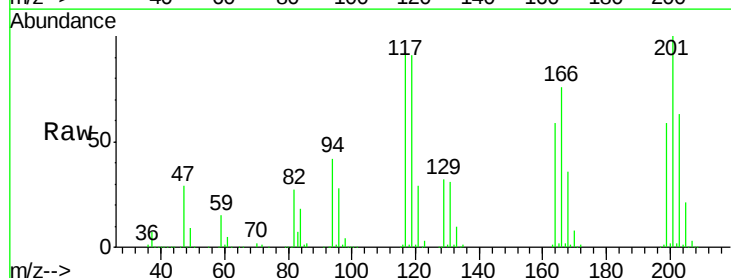
Acq: 01 May 2018 17:55

Tgt Ion: 117 Resp: 81927

Ion Ratio Lower Upper

117 100

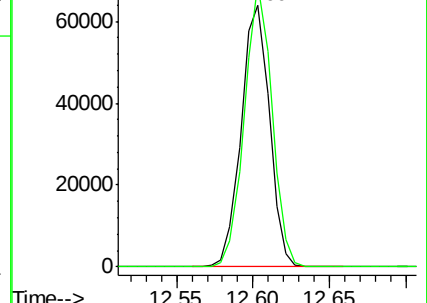
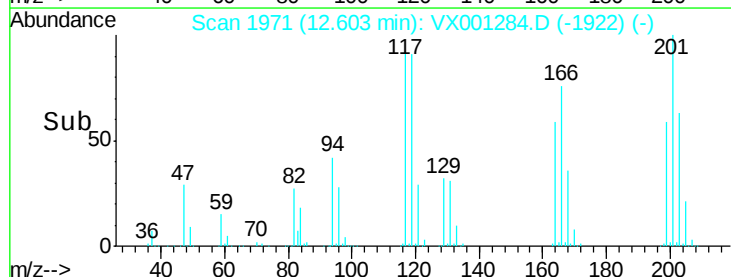
201 104.9 51.6 154.8

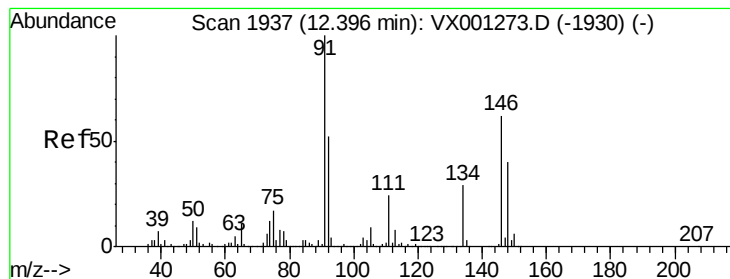


Abundance Ion 116.80 (116.50 to 117.50): VX001273.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001273.D (-1963) (-)

Time--> 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 47.55 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

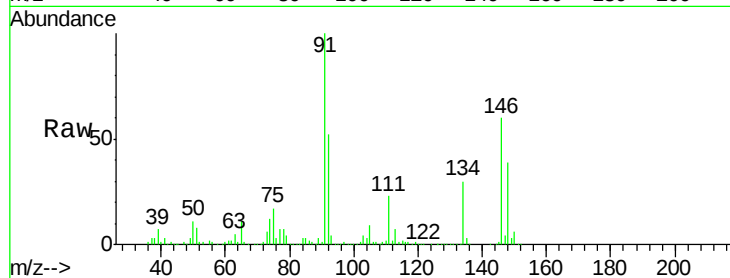
Tgt Ion:146 Resp: 304567

Ion Ratio Lower Upper

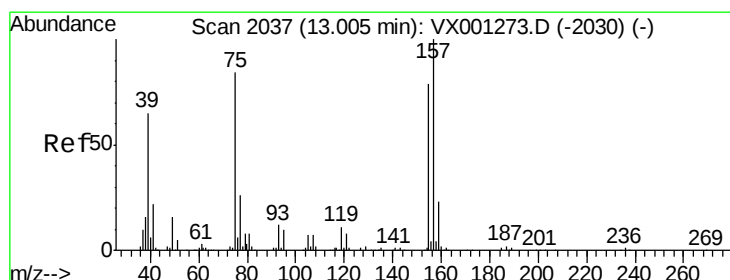
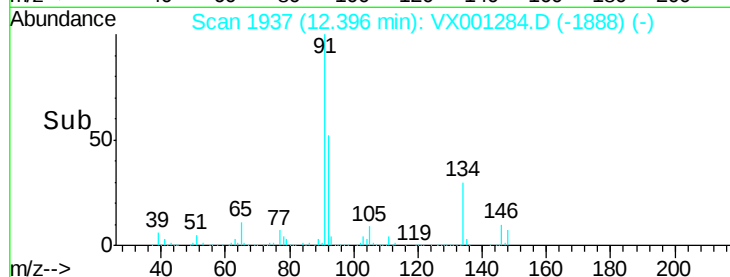
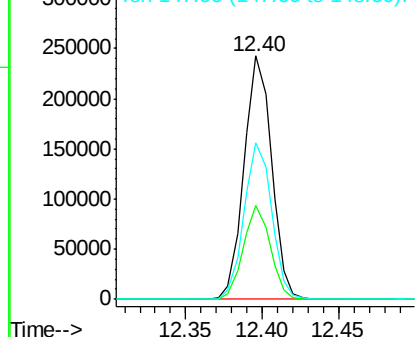
146 100

111 37.6 18.9 56.5

148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.57 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001284.D

Acq: 01 May 2018 17:55

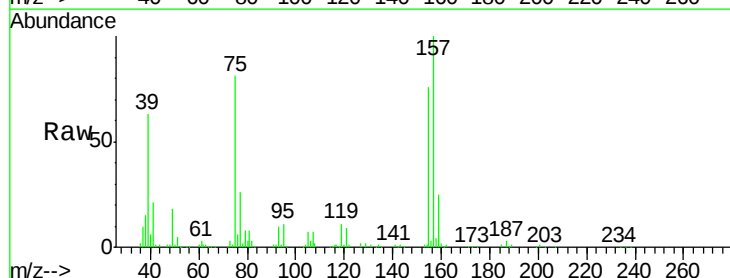
Tgt Ion: 75 Resp: 38762

Ion Ratio Lower Upper

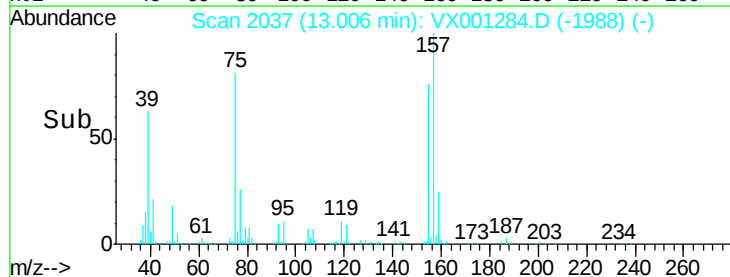
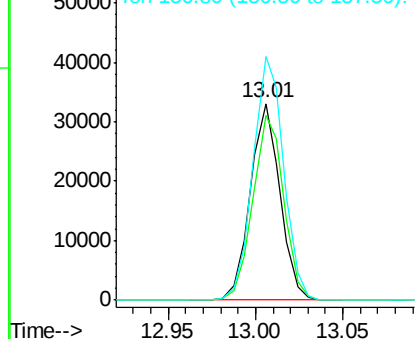
75 100

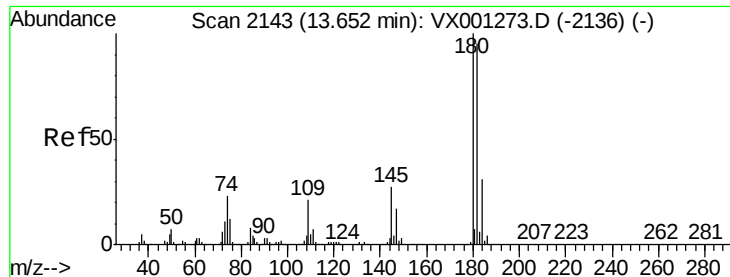
155 97.7 49.9 149.7

157 128.4 63.7 191.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

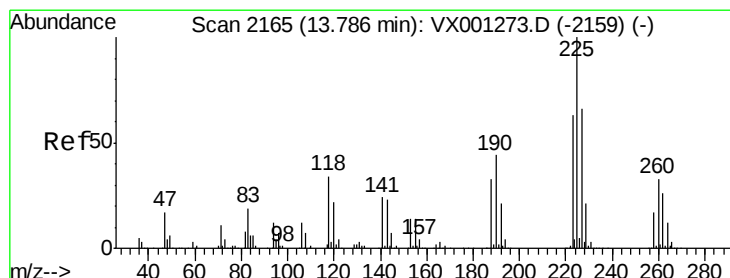
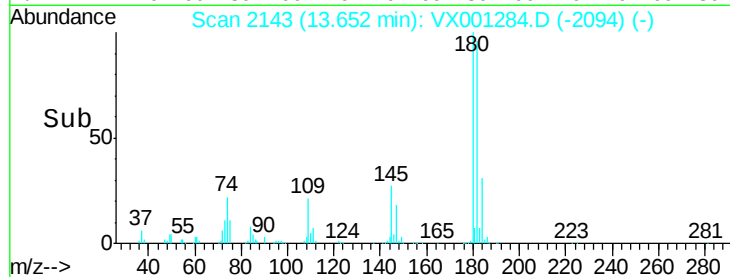
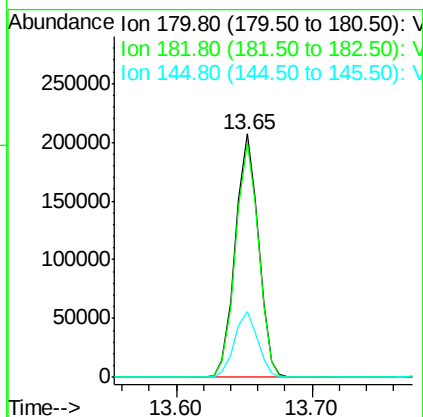
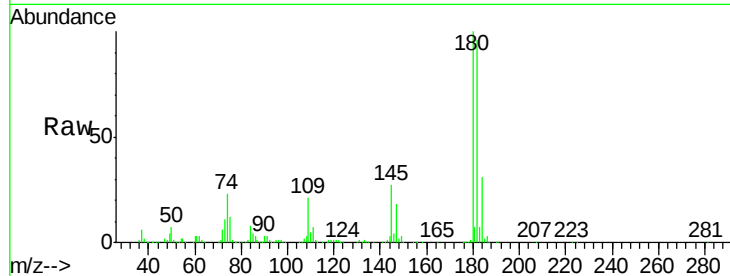




#93
 1,2,4-Trichlorobenzene
 Concen: 47.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

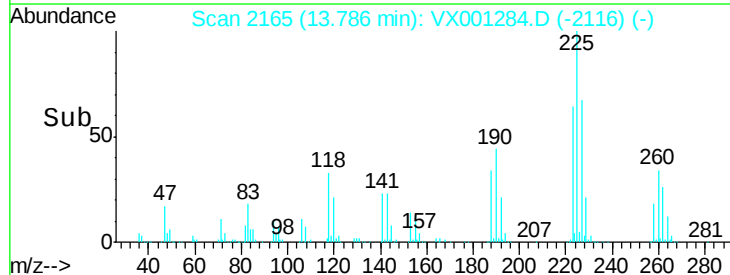
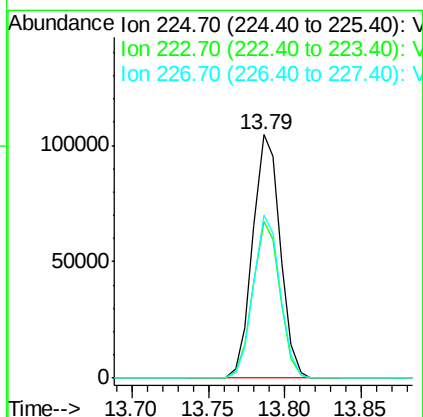
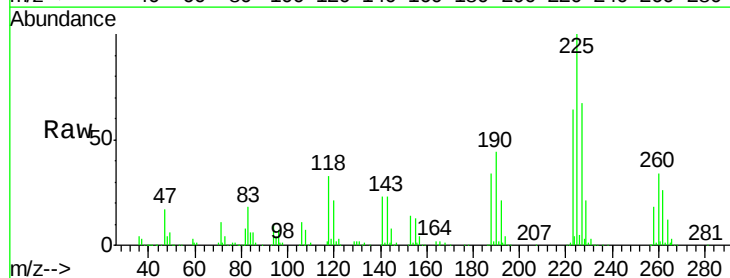
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

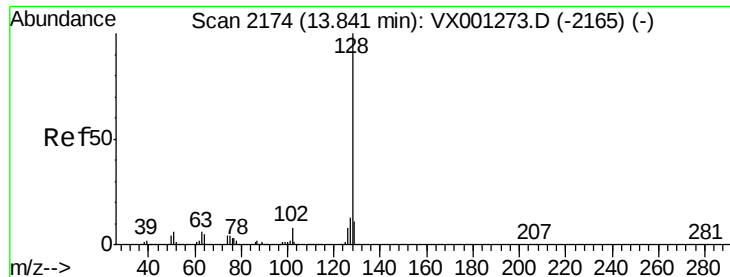
Tgt Ion:180 Resp: 245266
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 141.9
 145 27.3 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 48.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001284.D
 Acq: 01 May 2018 17:55

Tgt Ion:225 Resp: 130920
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.0
 227 65.0 32.5 97.5

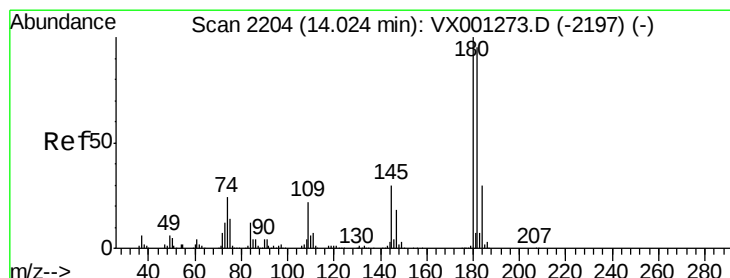
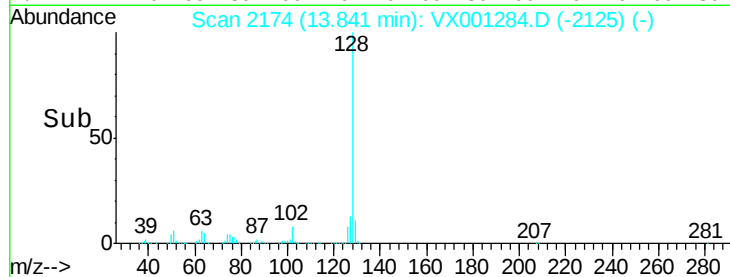
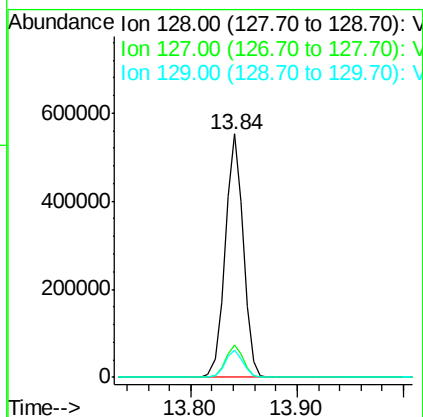
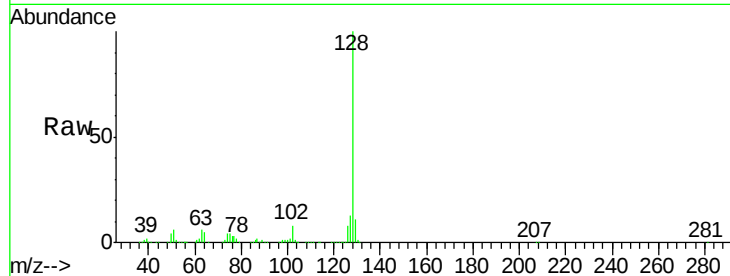




#95
Naphthalene
Concen: 49.79 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 650920
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.60 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001284.D
Acq: 01 May 2018 17:55

Tgt Ion:180 Resp: 245818
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.3
145 28.7 14.4 43.4

