

Data File : VX001379.D

Acq On : 04 May 2018 04:44

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 04 07:19:53 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	129731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	95596	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	5.51	113	78960	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.72	98	266217	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.14	95	99056	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60718	42.31	ug/l	99
3) Chloromethane	1.32	50	79011	56.08	ug/l	100
4) Vinyl Chloride	1.41	62	72151	48.65	ug/l	99
5) Bromomethane	1.64	94	65528	59.56	ug/l	98
6) Chloroethane	1.72	64	54551	58.18	ug/l	100
7) Trichlorofluoromethane	1.93	101	117271	46.85	ug/l	99
8) Diethyl Ether	2.19	74	59145	68.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65630	45.47	ug/l	100
10) Methyl Iodide	2.51	142	124689	76.73	ug/l	99
11) Tert butyl alcohol	3.09	59	114643	371.06	ug/l	99
12) 1,1-Dichloroethene	2.37	96	64936	49.90	ug/l	97
13) Acrolein	2.30	56	25962	145.94	ug/l	98
14) Allyl chloride	2.73	41	128215	56.31	ug/l	98
15) Acrylonitrile	3.16	53	258239	360.62	ug/l	100
16) Acetone	2.45	43	245512	320.28	ug/l	99
17) Carbon Disulfide	2.57	76	146916	43.33	ug/l	98
18) Methyl Acetate	2.79	43	146111	80.70	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	299863	67.65	ug/l	99
20) Methylene Chloride	2.86	84	92350	67.32	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	78404	55.35	ug/l	97
22) Diisopropyl ether	3.88	45	263914	60.19	ug/l	98
23) Vinyl Acetate	3.83	43	1173046	315.69	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154587	63.29	ug/l	99
25) 2-Butanone	4.72	43	336097	324.27	ug/l	98
26) 2,2-Dichloropropane	4.59	77	38686	19.46	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	87175	56.00	ug/l	92
28) Bromochloromethane	5.03	49	31349	28.55	ug/l	100
29) Tetrahydrofuran	5.18	42	214452	336.43	ug/l	99
30) Chloroform	5.22	83	147637	57.18	ug/l	100
31) Cyclohexane	5.57	56	85008	38.53	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	111292	49.32	ug/l	99
36) 1,1-Dichloropropene	5.81	75	84798	40.32	ug/l	98
37) Ethyl Acetate	4.87	43	130840	61.62	ug/l	99
38) Carbon Tetrachloride	5.79	117	93429	42.41	ug/l	98

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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	89601	36.03	ug/l	99
40) Benzene	6.15	78	305710	50.54	ug/l	99
41) Methacrylonitrile	5.07	41	73855	59.72	ug/l	99
42) 1,2-Dichloroethane	6.21	62	127177	54.30	ug/l	99
43) Isopropyl Acetate	6.48	43	200343	58.28	ug/l	99
44) Trichloroethene	7.22	130	90459	48.85	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81534	52.48	ug/l	100
46) Dibromomethane	7.67	93	60756	55.79	ug/l	99
47) Bromodichloromethane	7.90	83	109655	56.32	ug/l	100
48) Methyl methacrylate	7.79	41	106547	58.30	ug/l	98
49) 1,4-Dioxane	7.77	88	46346	1343.89	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	695557	313.84	ug/l	98
52) Toluene	8.79	92	189912	48.03	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	111079	47.97	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	102825	48.27	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	92387	57.84	ug/l	96
56) Ethyl methacrylate	9.19	69	133376	60.26	ug/l	98
57) 1,3-Dichloropropane	9.38	76	147130	57.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	331179	310.15	ug/l	99
59) 2-Hexanone	9.51	43	535292	309.02	ug/l	100
60) Dibromochloromethane	9.59	129	98686	59.23	ug/l	98
61) 1,2-Dibromoethane	9.68	107	98388	58.12	ug/l	98
64) Tetrachloroethene	9.34	164	119901	57.26	ug/l	98
65) Chlorobenzene	10.15	112	228901	47.62	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	91596	54.89	ug/l	100
67) Ethyl Benzene	10.26	91	349450	44.11	ug/l	98
68) m/p-Xylenes	10.37	106	280524	90.00	ug/l	100
69) o-Xylene	10.71	106	141303	46.74	ug/l	97
70) Styrene	10.72	104	241287	48.80	ug/l	99
71) Bromoform	10.87	173	81793	50.68	ug/l	99
73) Isopropylbenzene	11.02	105	352831	45.55	ug/l	100
74) N-amyl acetate	6.48	43	200343	60.29	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	131773	56.78	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	148672	69.44	ug/l	90
77) Bromobenzene	11.26	156	116512	52.15	ug/l	98
78) n-propylbenzene	11.37	91	384466	44.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	247555	47.66	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	305897	47.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	26295	40.82	ug/l	95
82) 4-Chlorotoluene	11.52	91	290181	46.45	ug/l	99
83) tert-Butylbenzene	11.77	119	278042	42.87	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	320789	48.13	ug/l	99
85) sec-Butylbenzene	11.95	105	350762	45.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	326139	45.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	194693	46.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	198901	46.25	ug/l	99
89) n-Butylbenzene	12.40	91	263970	42.48	ug/l	99
90) Hexachloroethane	12.60	117	47585	46.16	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	209331	50.43	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	31261	66.66	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050318\
Quantitation Report (Not Reviewed)

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

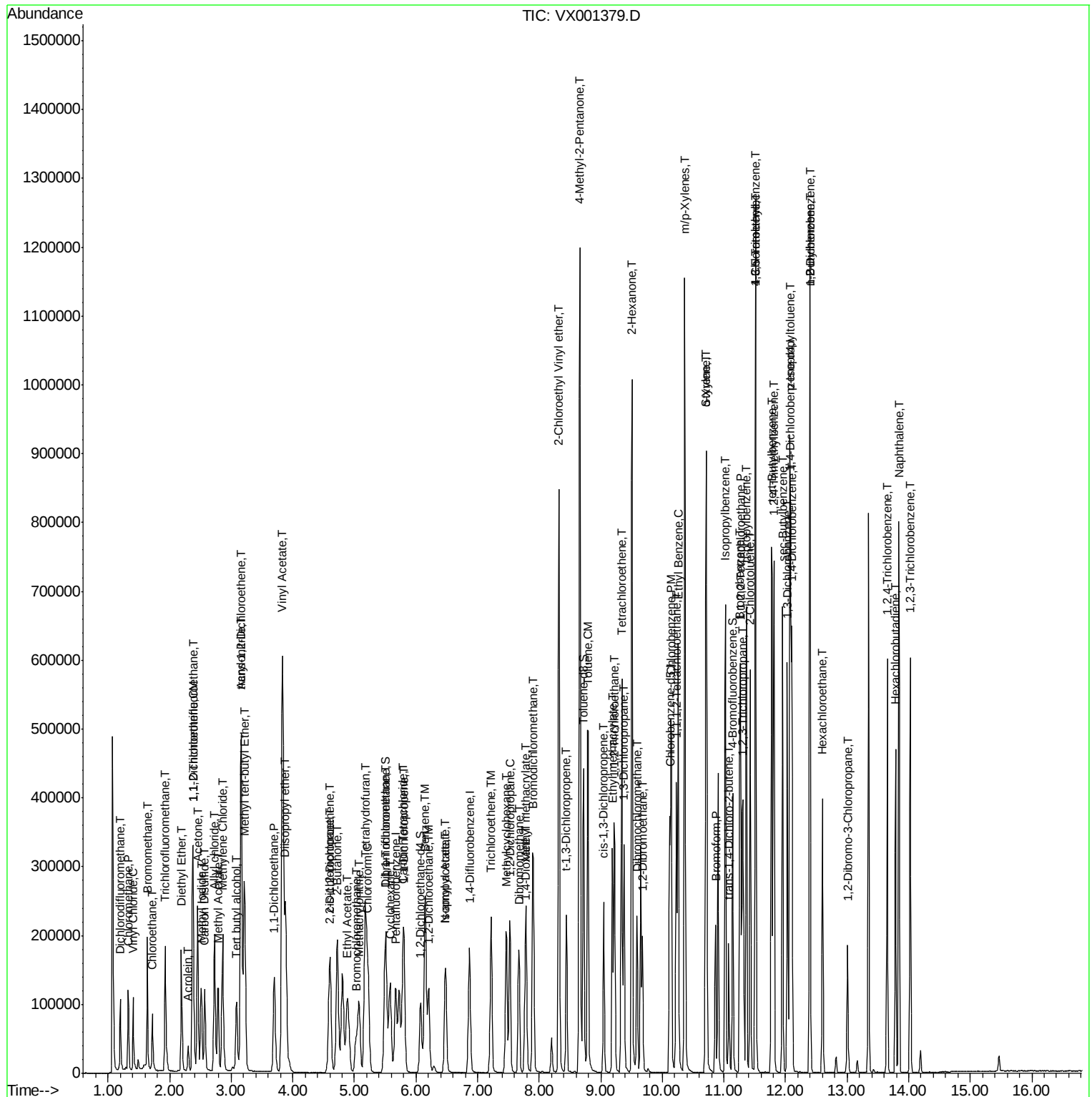
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147417	44.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	73083	41.83	ug/l	99
95) Naphthalene	13.84	128	481717	56.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159979	48.80	ug/l	99

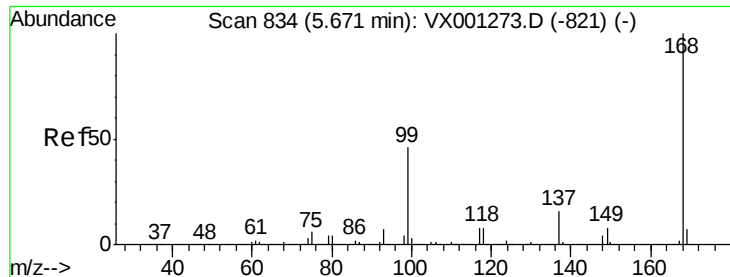
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 29 Sample Multiplier: 1

VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

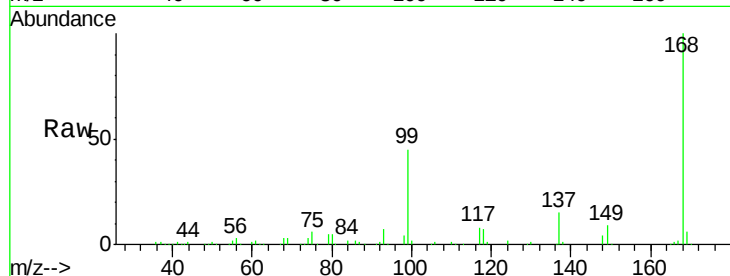
VSTDCCC050

Tgt Ion:168 Resp: 129731

Ion Ratio Lower Upper

168 100

99 44.4 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

50000

40000

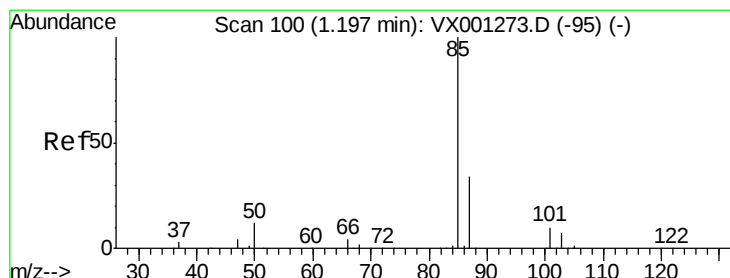
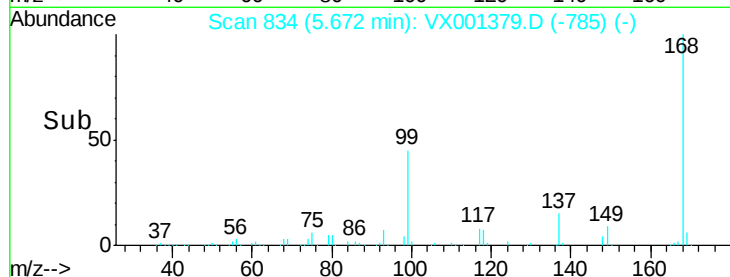
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 42.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001379.D

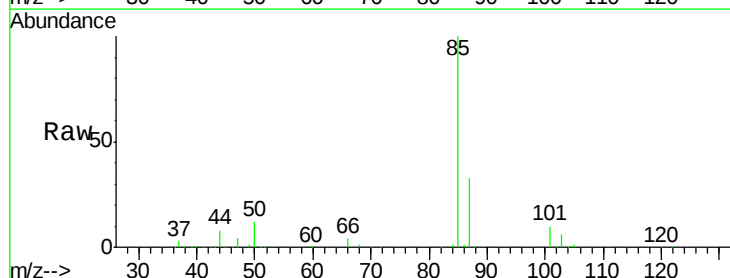
Acq: 04 May 2018 04:44

Tgt Ion: 85 Resp: 60718

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

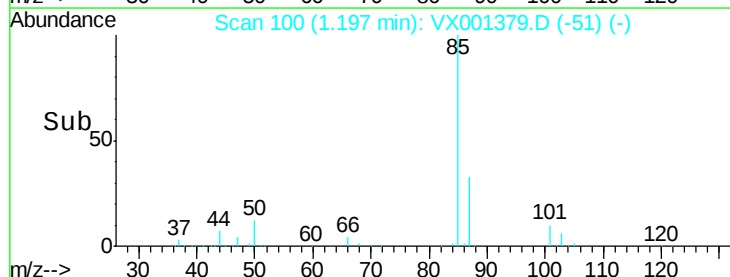
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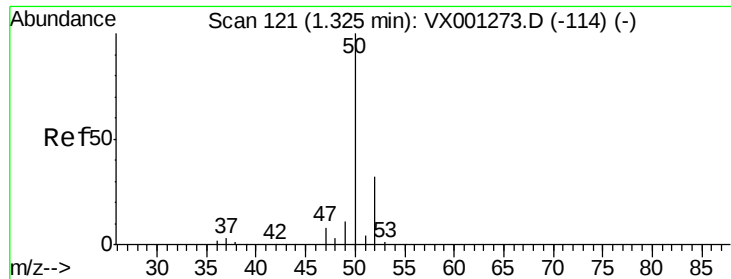
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 56.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

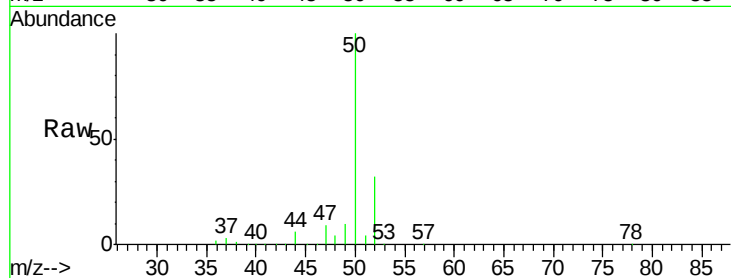
VSTDCCC050

Tgt Ion: 50 Resp: 79011

Ion Ratio Lower Upper

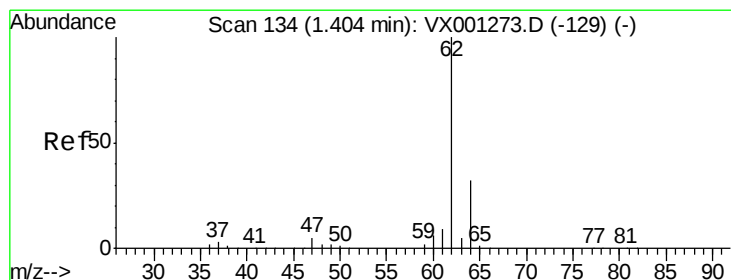
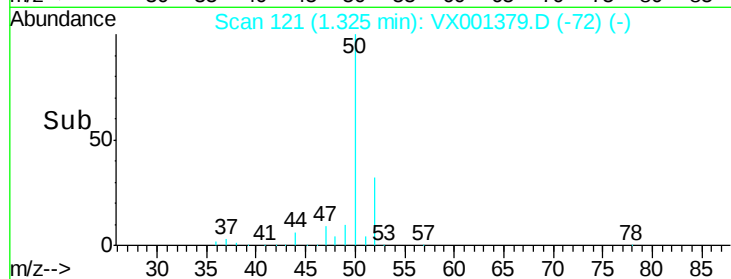
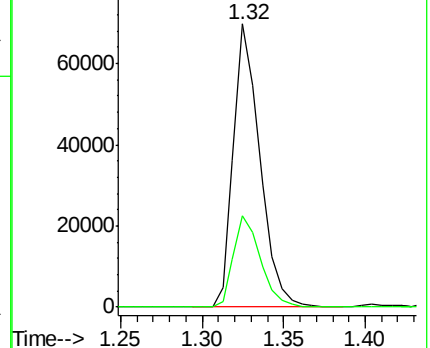
50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.65 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001379.D

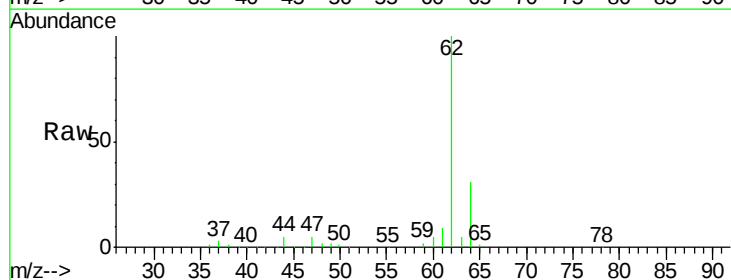
Acq: 04 May 2018 04:44

Tgt Ion: 62 Resp: 72151

Ion Ratio Lower Upper

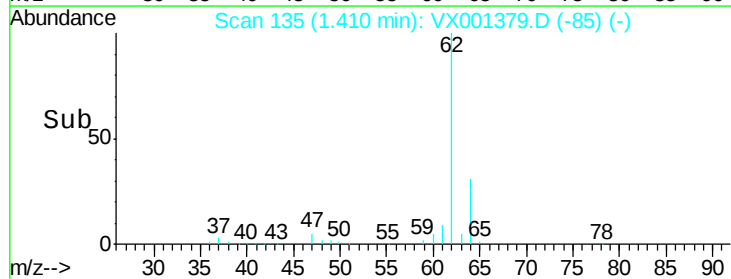
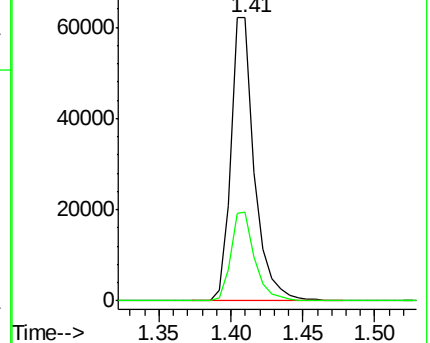
62 100

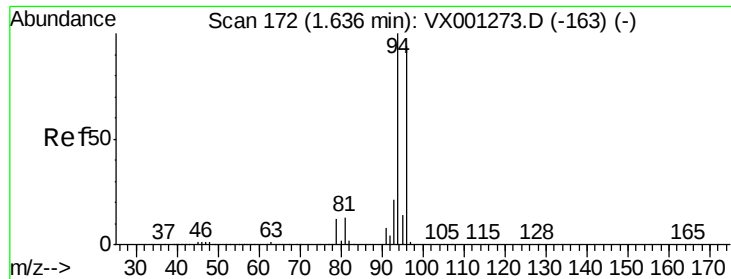
64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.56 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

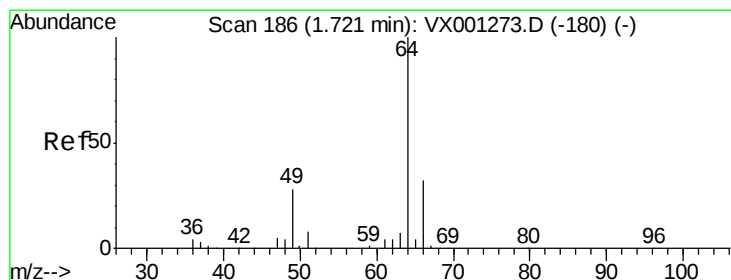
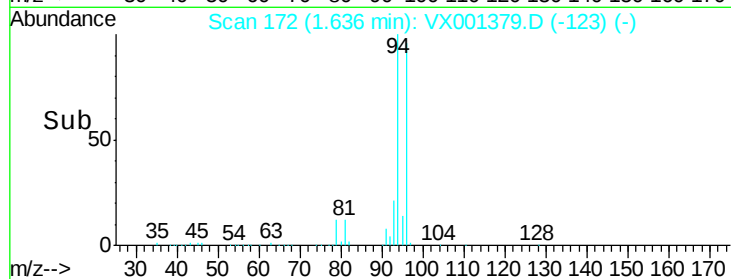
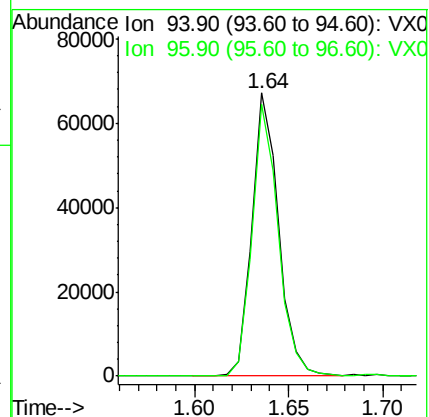
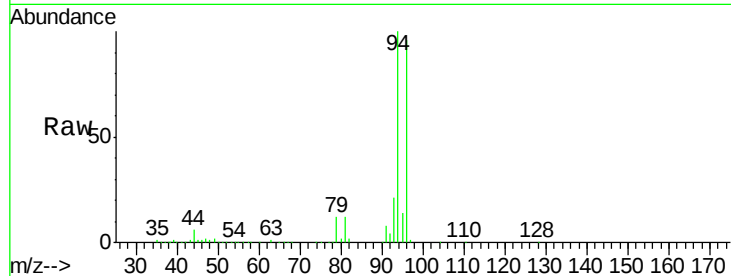
VSTDCCC050

Tgt Ion: 94 Resp: 65528

Ion Ratio Lower Upper

94 100

96 96.0 75.6 113.4



#6

Chloroethane

Concen: 58.18 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001379.D

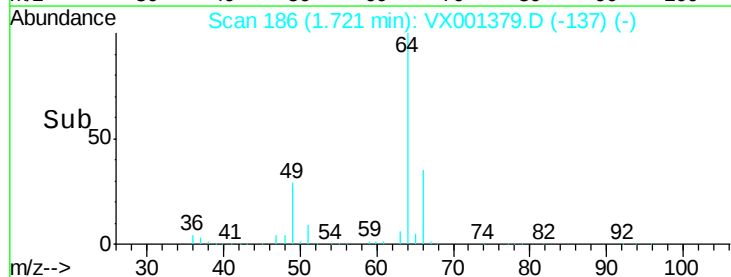
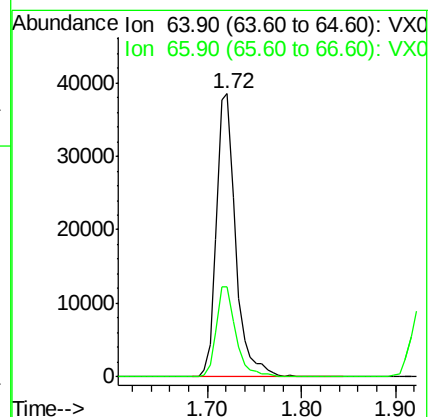
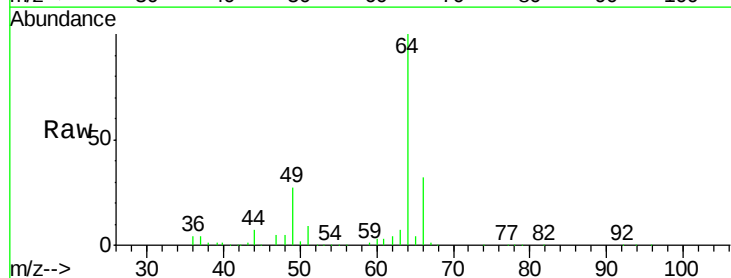
Acq: 04 May 2018 04:44

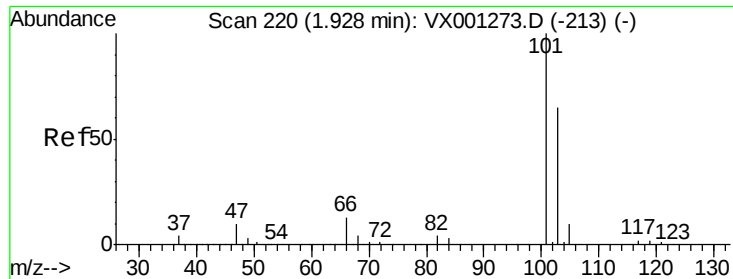
Tgt Ion: 64 Resp: 54551

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5



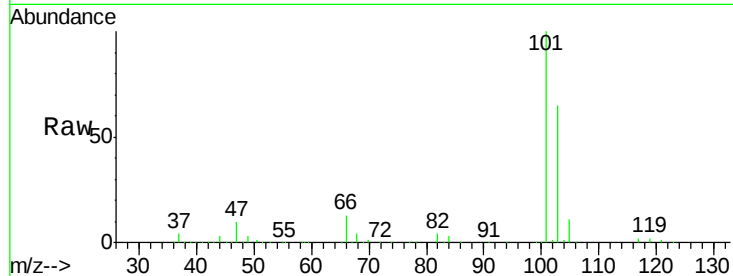


#7

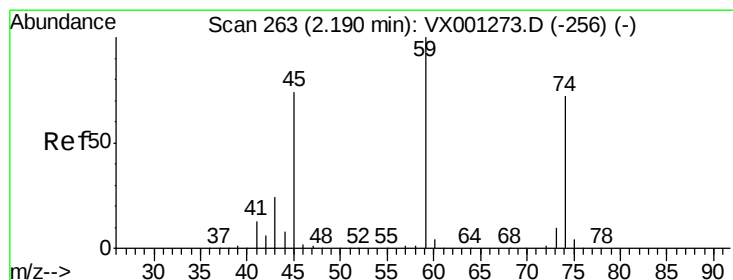
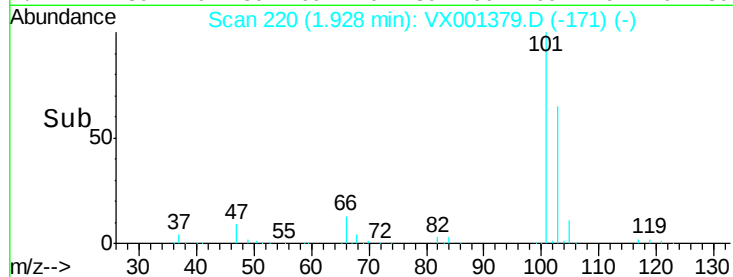
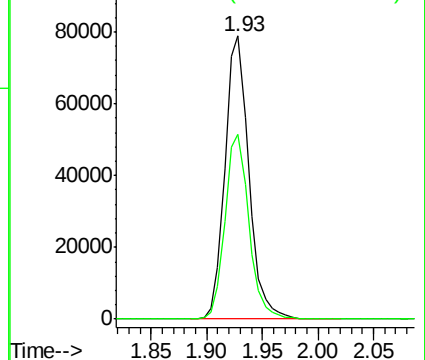
Trichlorofluoromethane
Concen: 46.85 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 117271
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8



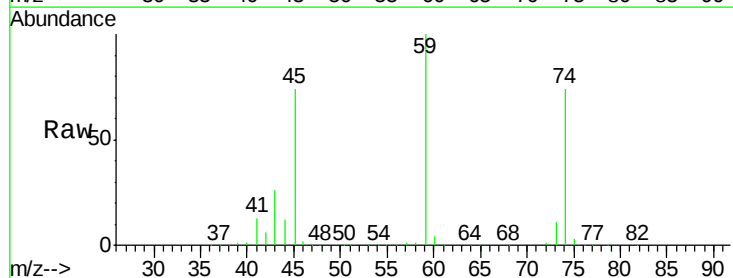
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



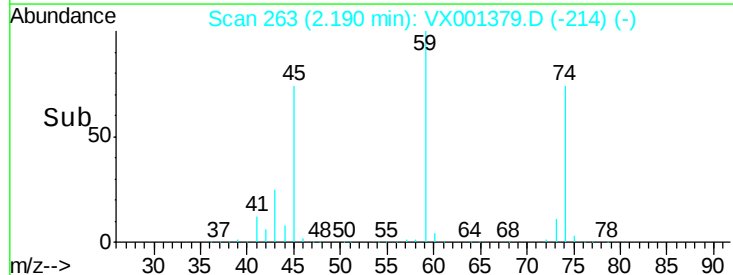
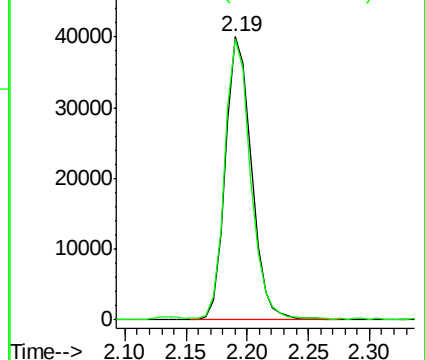
#8

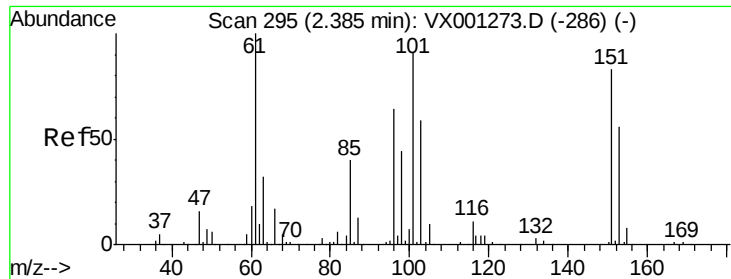
Diethyl Ether
Concen: 68.82 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion: 74 Resp: 59145
Ion Ratio Lower Upper
74 100
45 97.6 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: 45.47 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

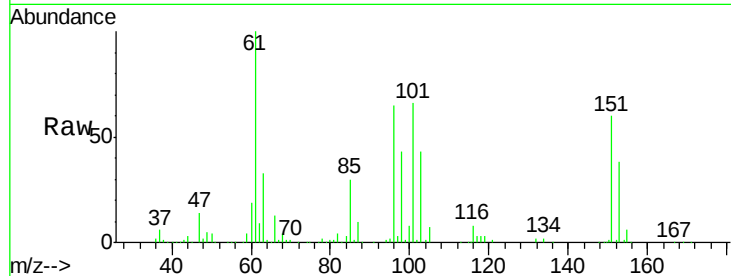
Tgt Ion:101 Resp: 65630

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

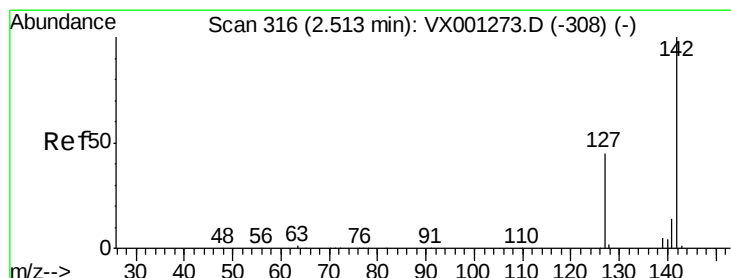
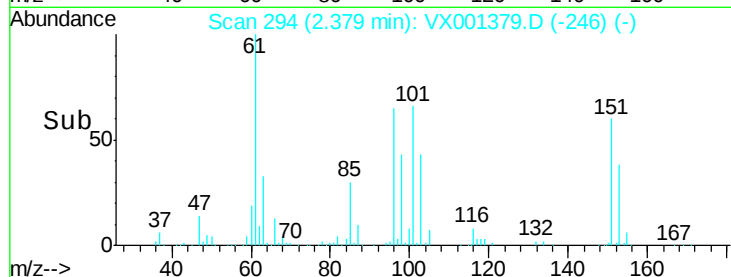
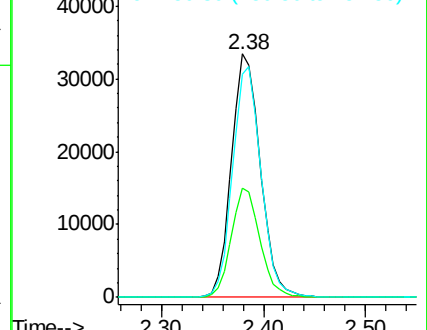
151 93.1 74.8 112.2



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: 76.73 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

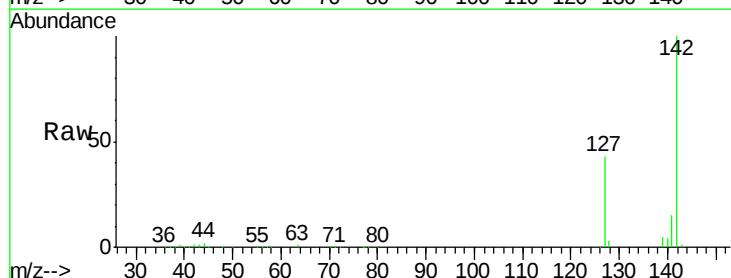
Tgt Ion:142 Resp: 124689

Ion Ratio Lower Upper

142 100

127 44.2 35.7 53.5

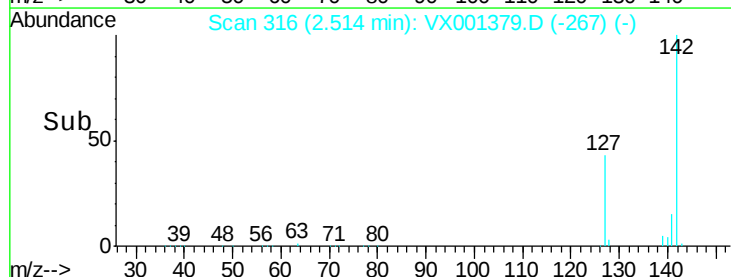
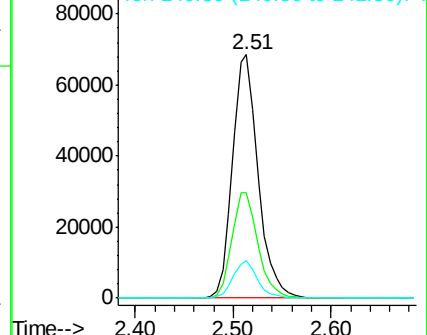
141 14.7 11.4 17.0

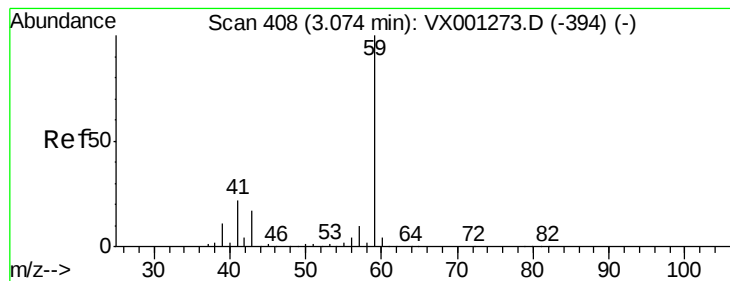


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



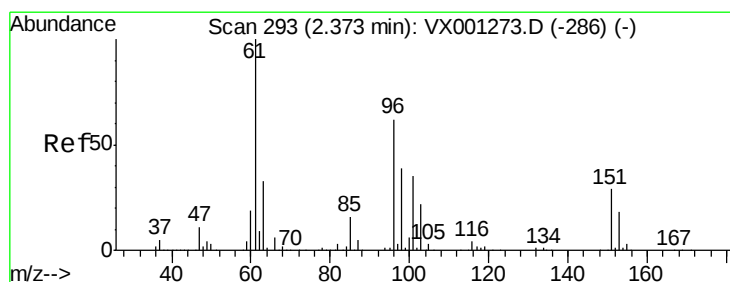
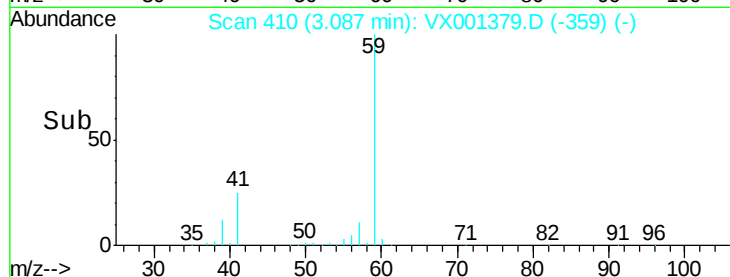
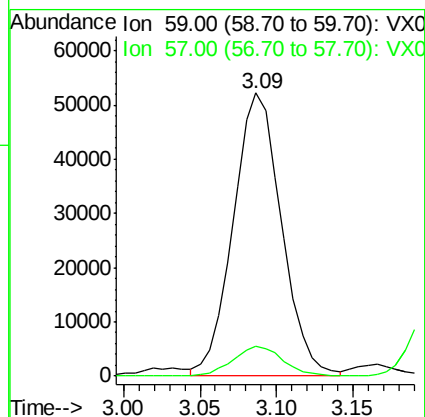
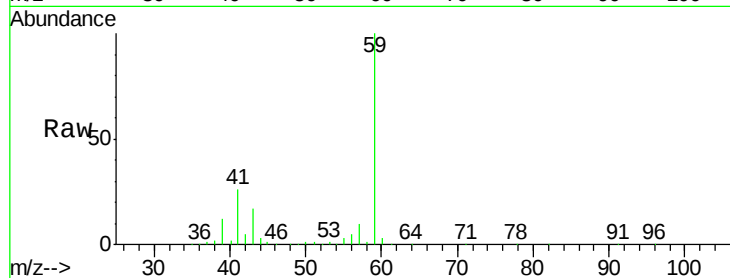


#11

Tert butyl alcohol
 Concen: 371.06 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

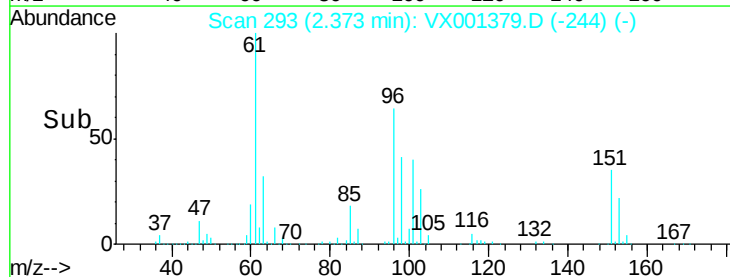
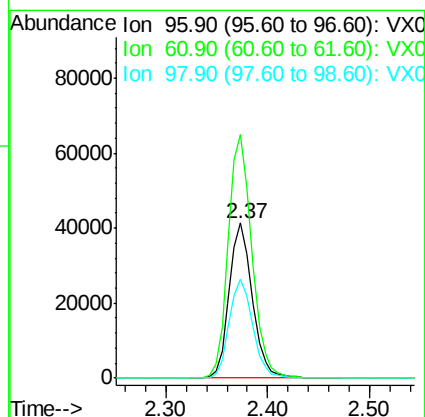
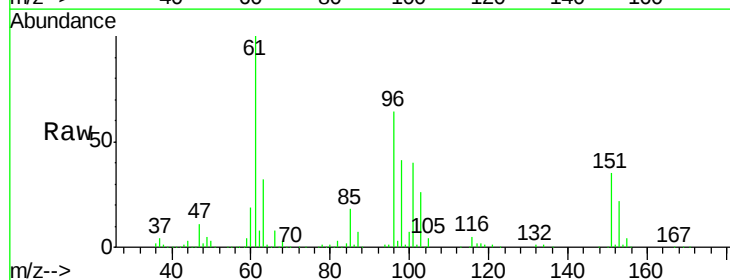
Tgt Ion: 59 Resp: 114643
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.6 12.8

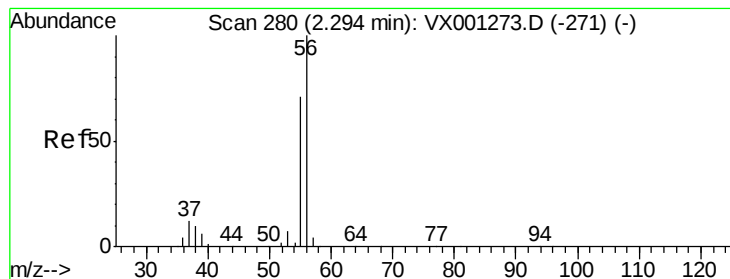


#12

1,1-Dichloroethene
 Concen: 49.90 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 96 Resp: 64936
 Ion Ratio Lower Upper
 96 100
 61 157.3 130.1 195.1
 98 63.8 50.3 75.5





#13

Acrolein

Concen: 145.94 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

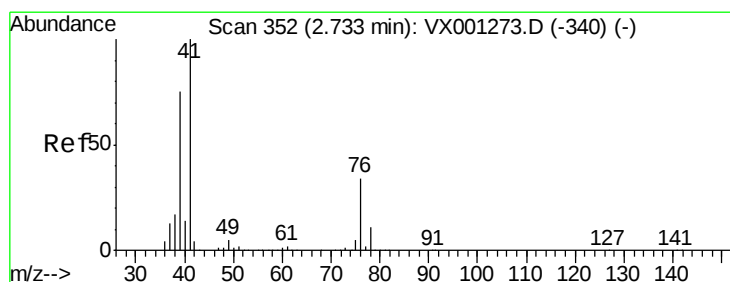
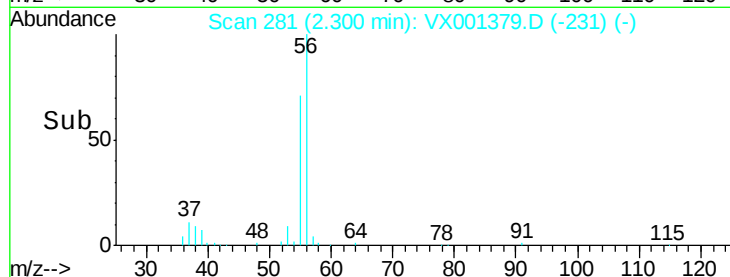
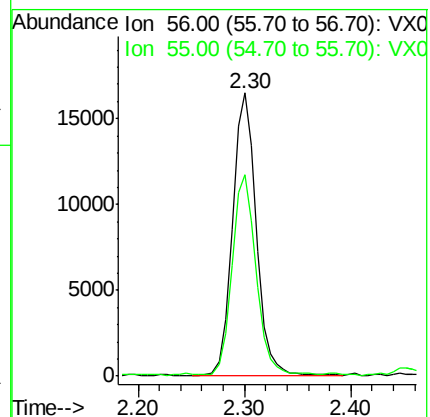
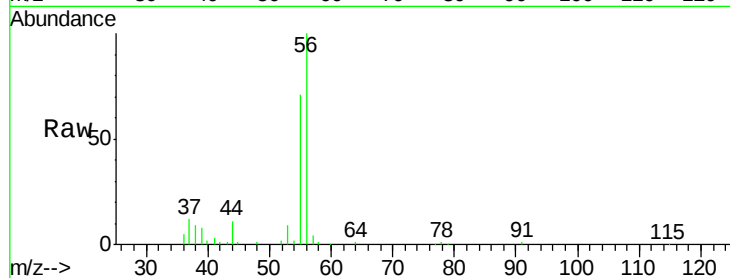
VSTDCCC050

Tgt Ion: 56 Resp: 25962

Ion Ratio Lower Upper

56 100

55 70.1 57.2 85.8



#14

Allyl chloride

Concen: 56.31 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

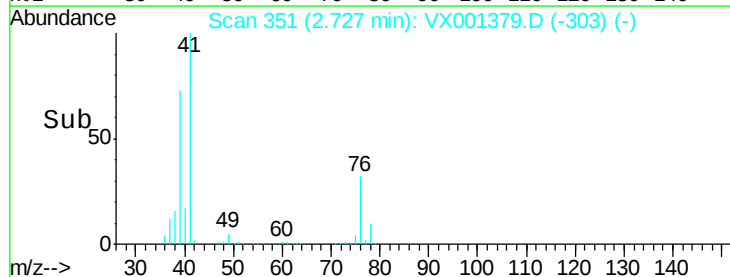
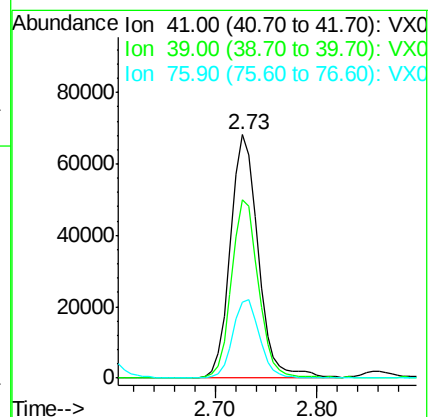
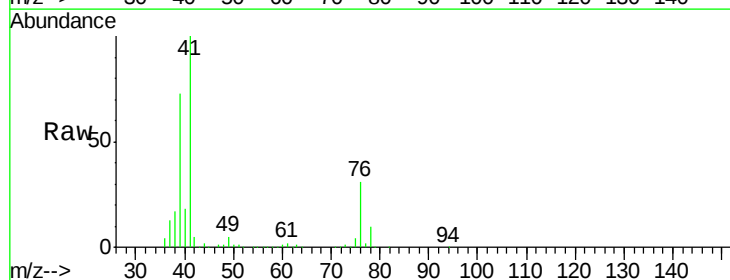
Tgt Ion: 41 Resp: 128215

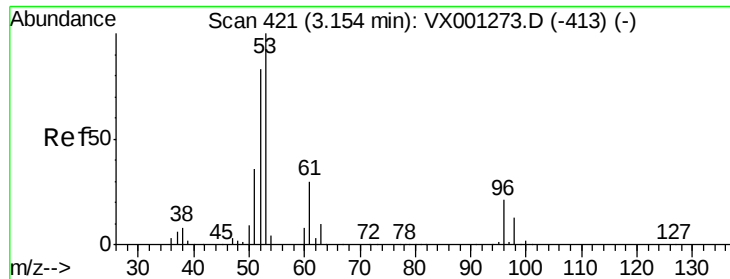
Ion Ratio Lower Upper

41 100

39 70.6 58.1 87.1

76 31.3 25.1 37.7

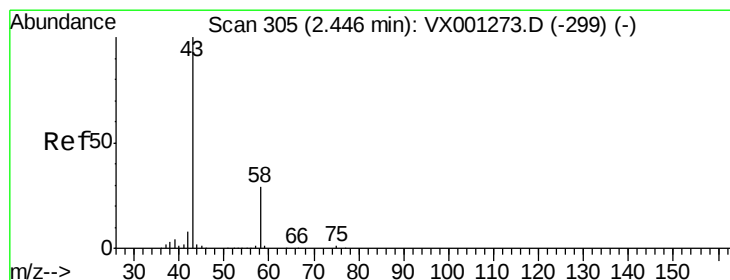
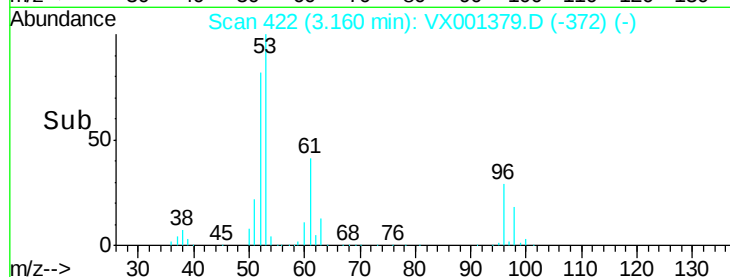
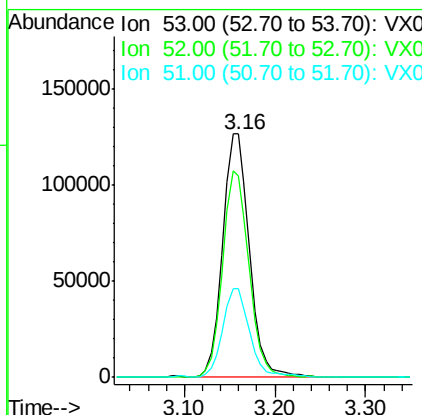
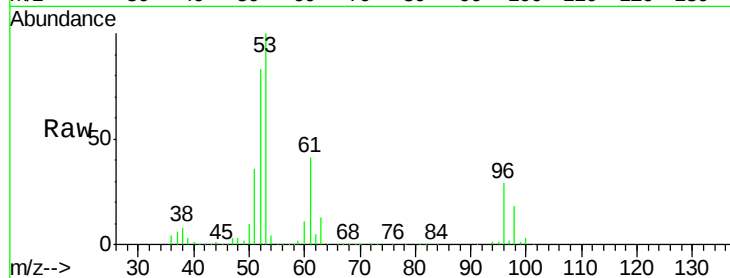




#15
 Acrylonitrile
 Concen: 360.62 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

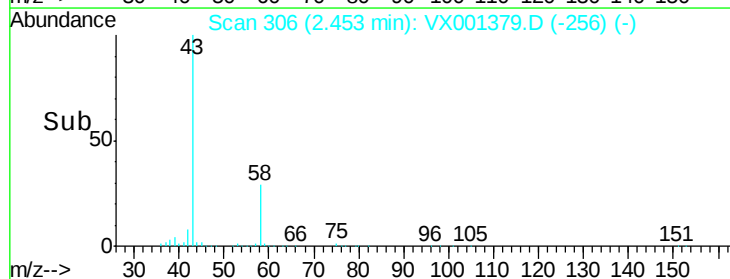
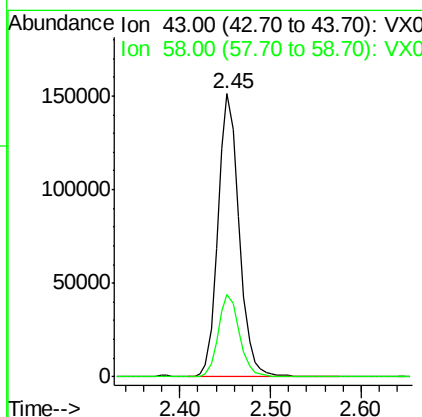
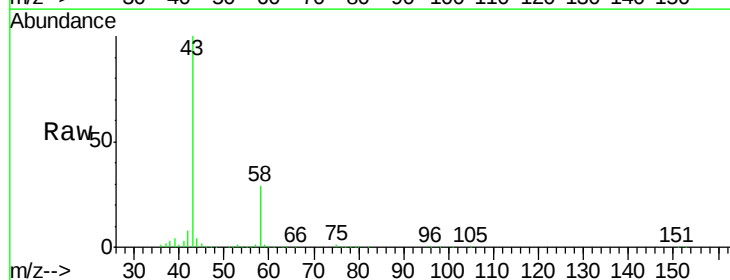
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

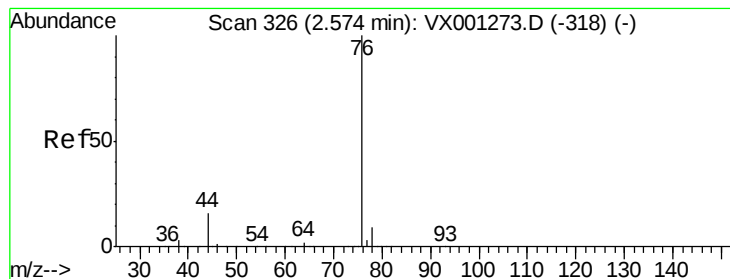
Tgt Ion:	53	Resp:	258239
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.0	100.4
51	37.3	29.9	44.9



#16
 Acetone
 Concen: 320.28 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion:	43	Resp:	245512
Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.8	34.2





#17

Carbon Disulfide

Concen: 43.33 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

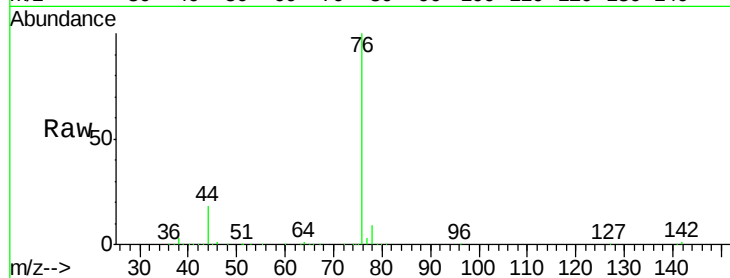
VSTDCCC050

Tgt Ion: 76 Resp: 146916

Ion Ratio Lower Upper

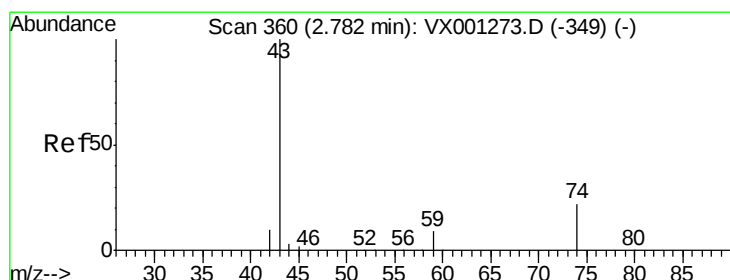
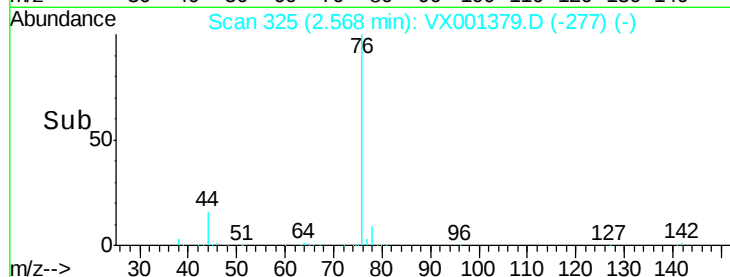
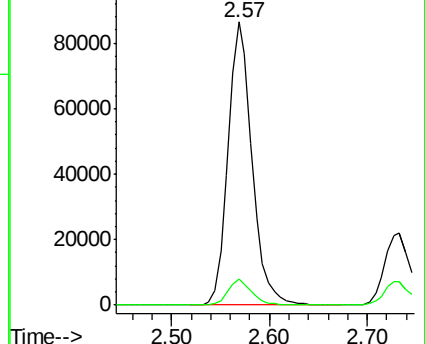
76 100

78 9.3 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 80.70 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001379.D

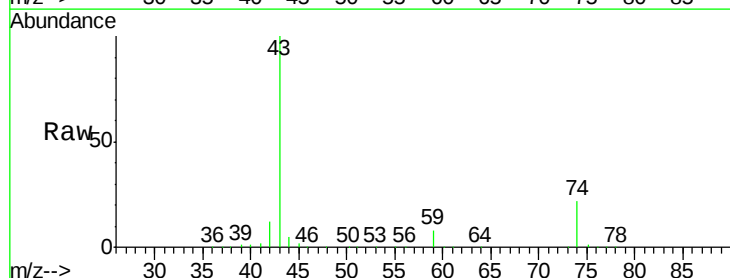
Acq: 04 May 2018 04:44

Tgt Ion: 43 Resp: 146111

Ion Ratio Lower Upper

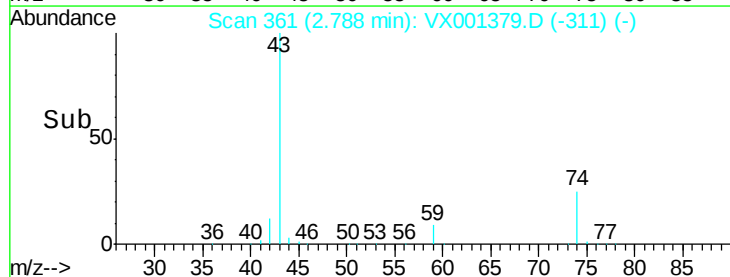
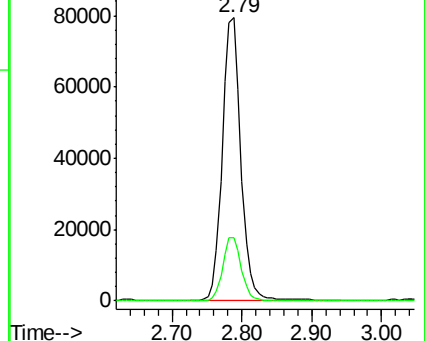
43 100

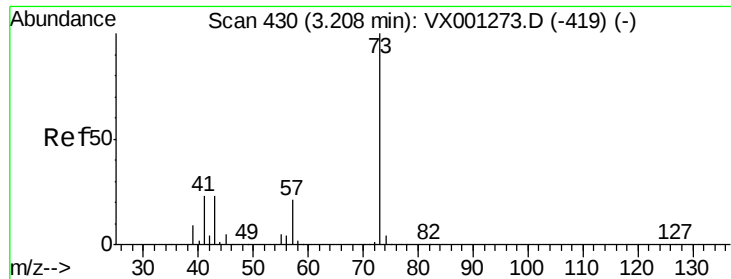
74 22.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 67.65 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampled :

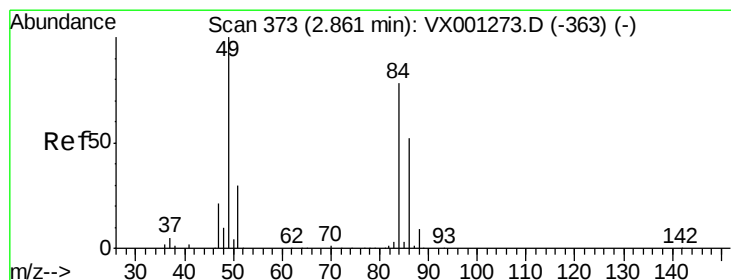
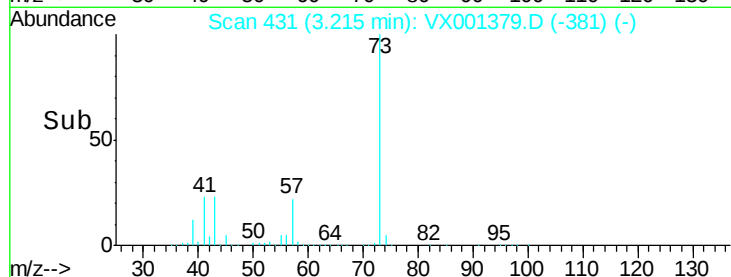
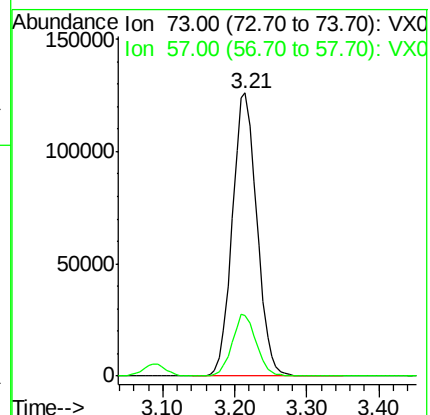
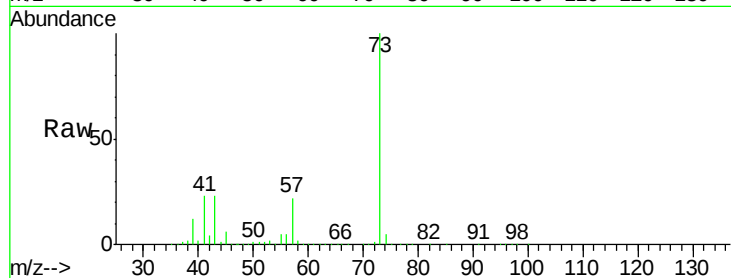
VSTDCCC050

Tgt Ion: 73 Resp: 299863

Ion Ratio Lower Upper

73 100

57 21.6 16.8 25.2



#20

Methylene Chloride

Concen: 67.32 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Tgt Ion: 84 Resp: 92350

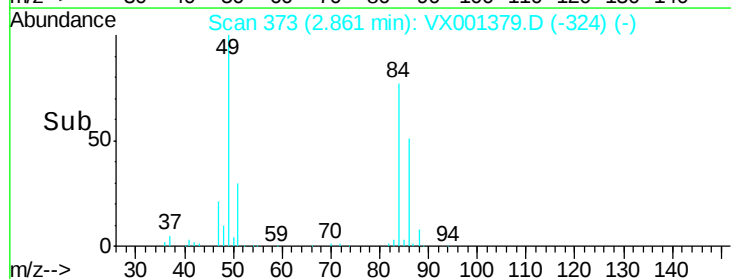
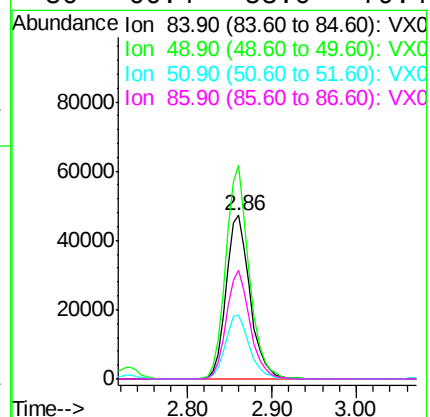
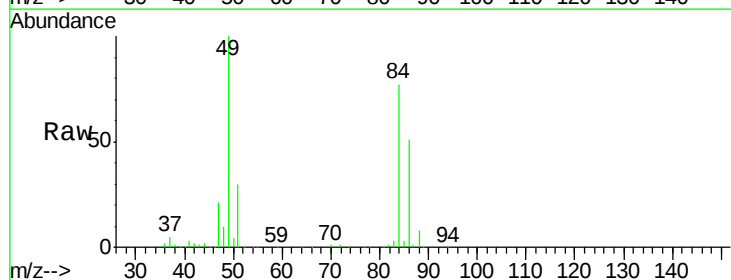
Ion Ratio Lower Upper

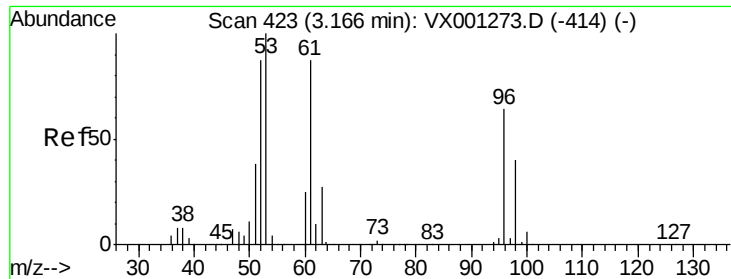
84 100

49 130.6 102.8 154.2

51 39.2 30.9 46.3

86 66.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 55.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

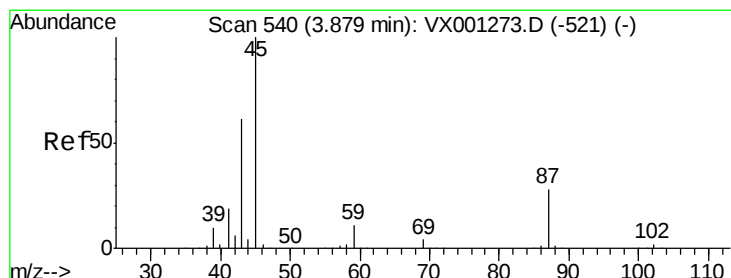
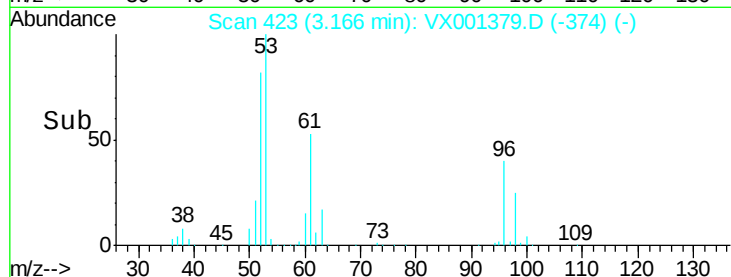
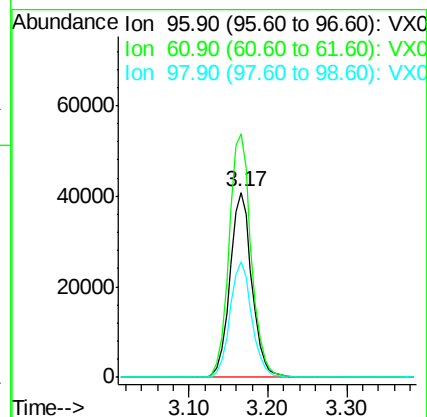
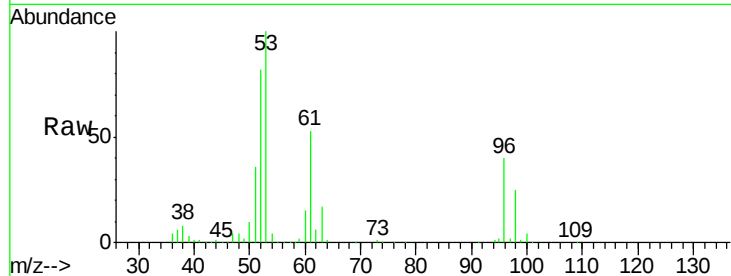
Tgt Ion: 96 Resp: 78404

Ion Ratio Lower Upper

96 100

61 131.4 108.6 162.8

98 62.5 49.7 74.5



#22

Diisopropyl ether

Concen: 60.19 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Tgt Ion: 45 Resp: 263914

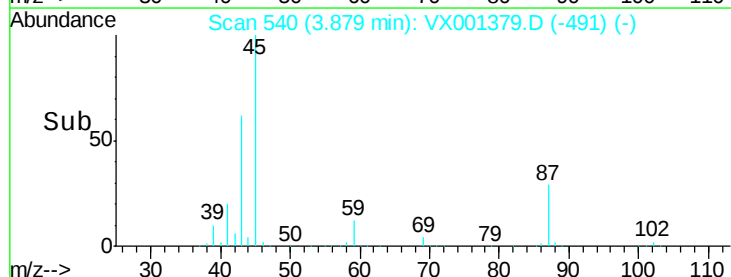
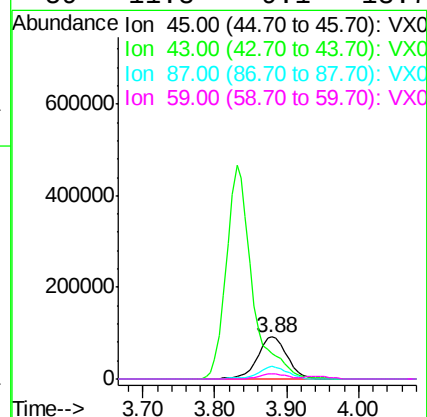
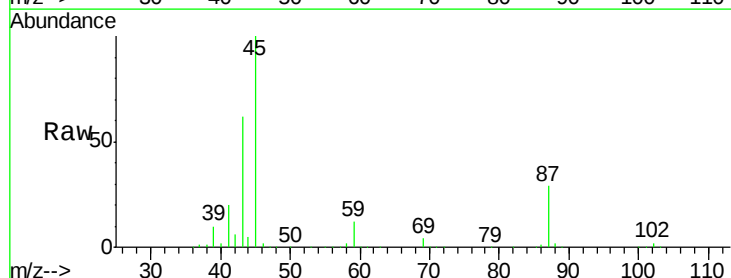
Ion Ratio Lower Upper

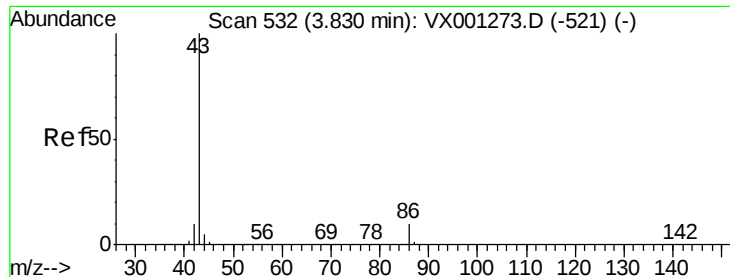
45 100

43 61.7 48.7 73.1

87 29.4 22.2 33.4

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 315.69 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

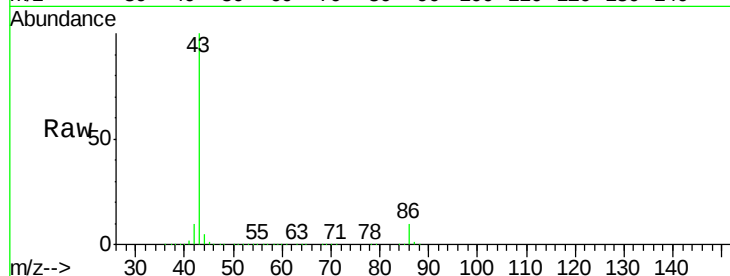
VSTDCCC050

Tgt Ion: 43 Resp: 1173046

Ion Ratio Lower Upper

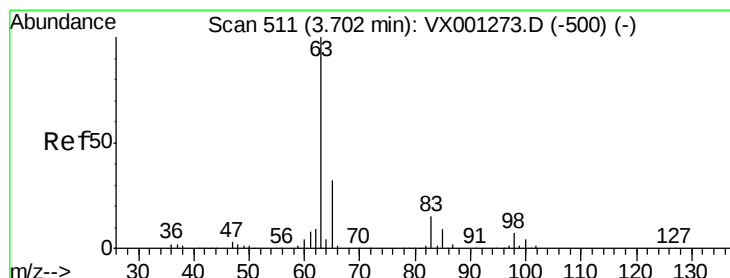
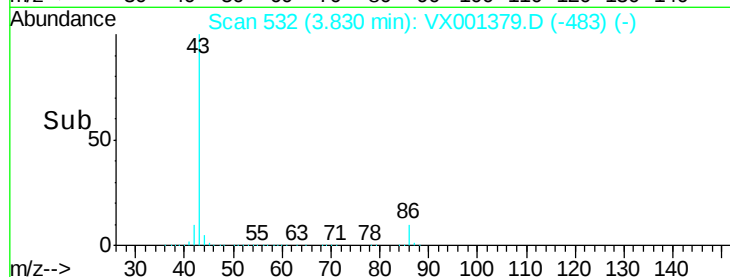
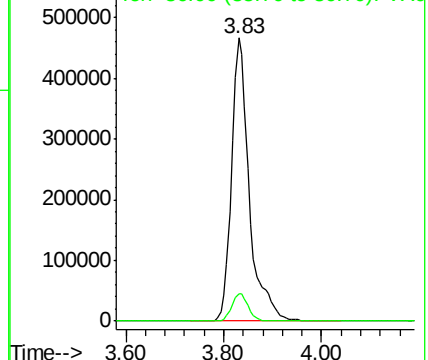
43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 63.29 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

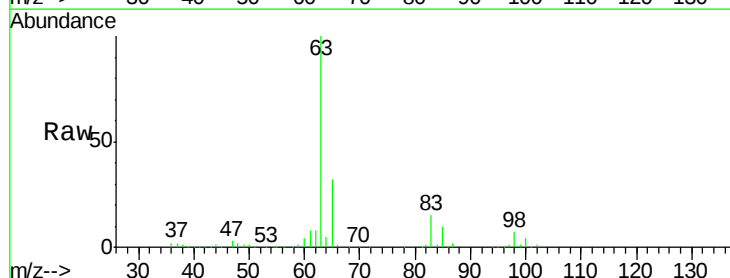
Tgt Ion: 63 Resp: 154587

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

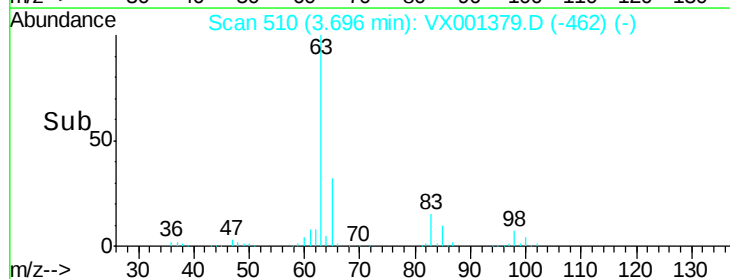
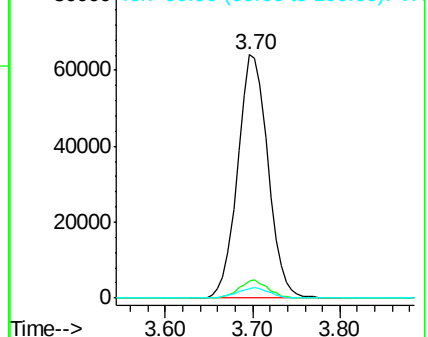
100 4.0 2.3 6.8

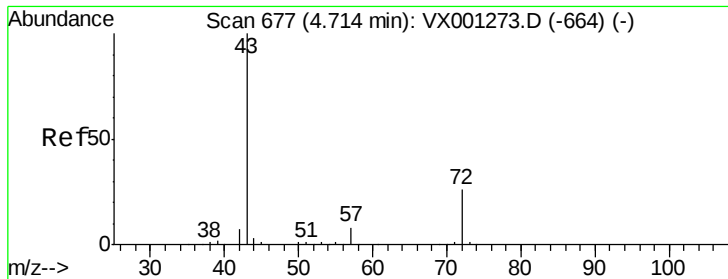


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 324.27 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

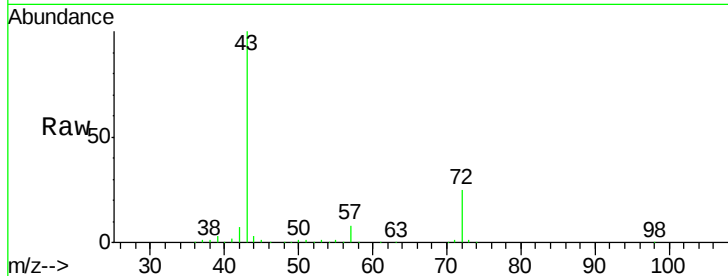
VSTDCCC050

Tgt Ion: 43 Resp: 336097

Ion Ratio Lower Upper

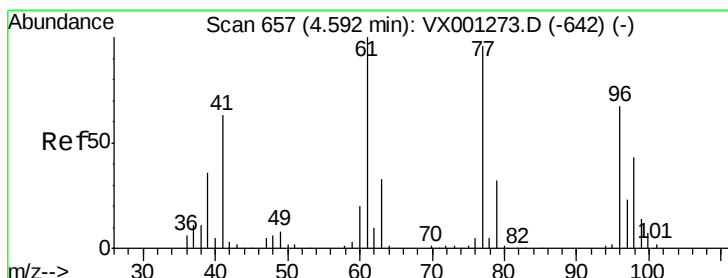
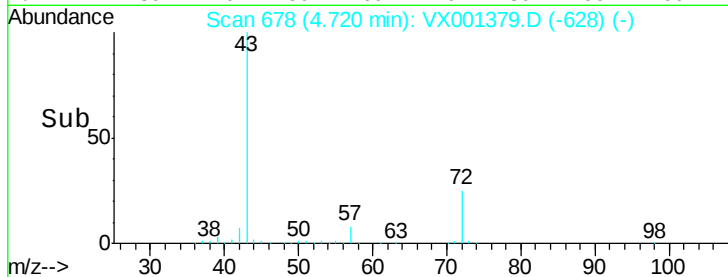
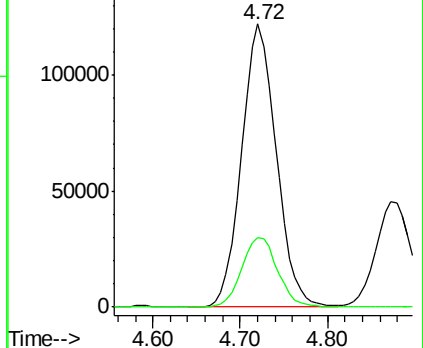
43 100

72 24.7 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001379.D

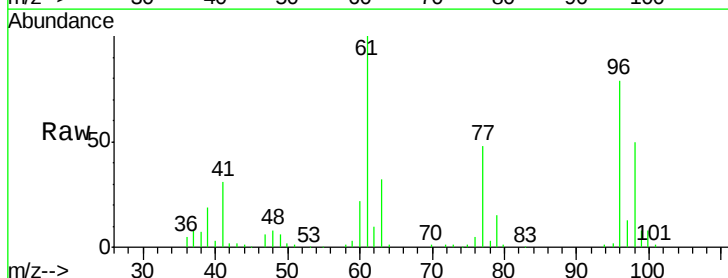
Acq: 04 May 2018 04:44

Tgt Ion: 77 Resp: 38686

Ion Ratio Lower Upper

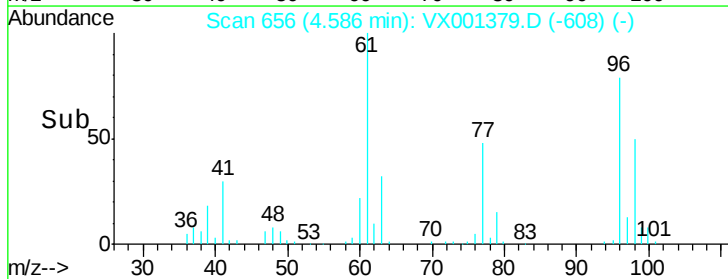
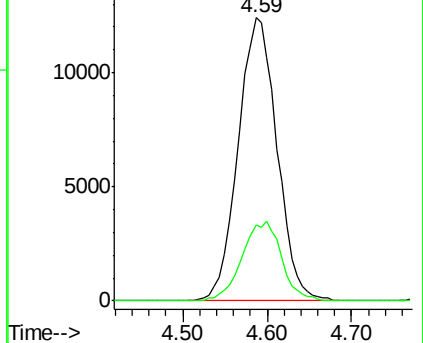
77 100

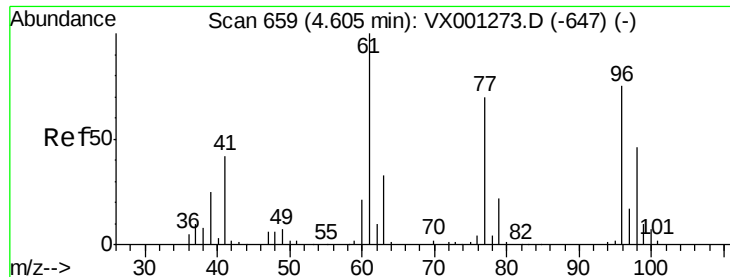
97 28.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



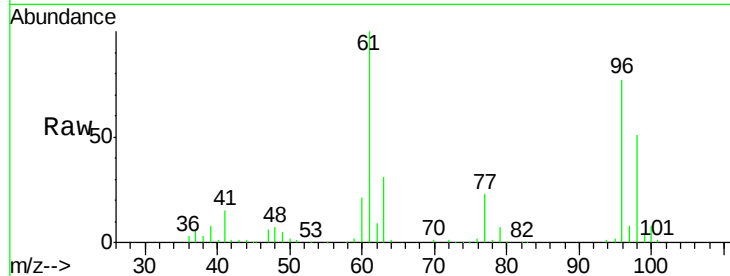


#27

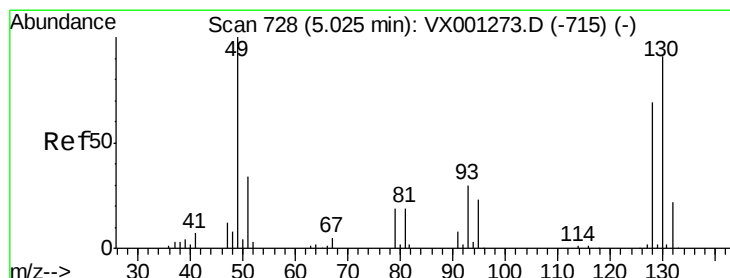
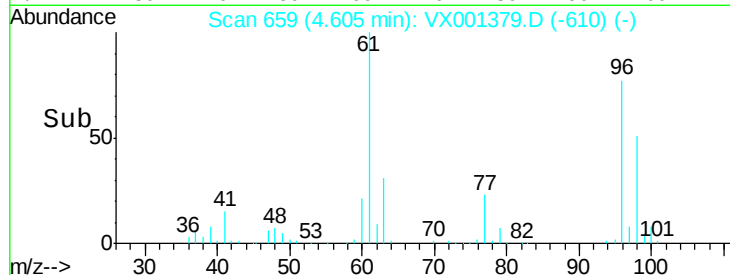
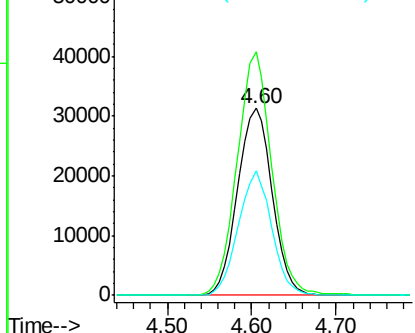
cis-1,2-Dichloroethene
 Concen: 56.00 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 87175
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 288.0
 98 64.0 0.0 130.2



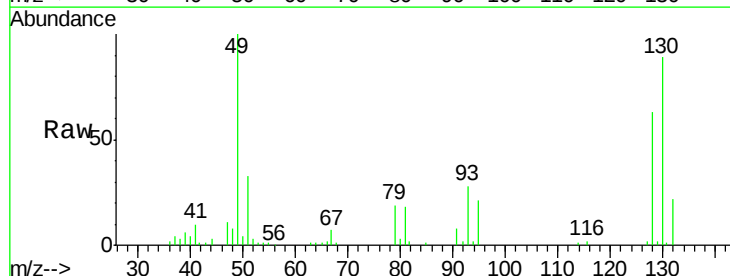
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



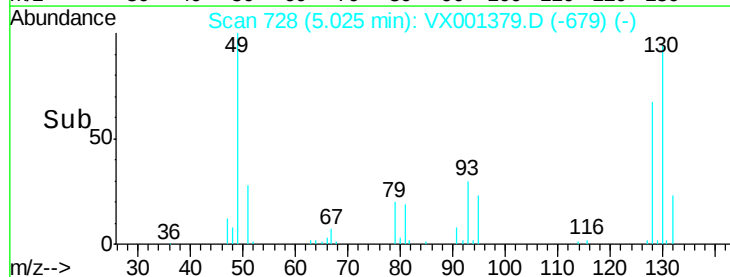
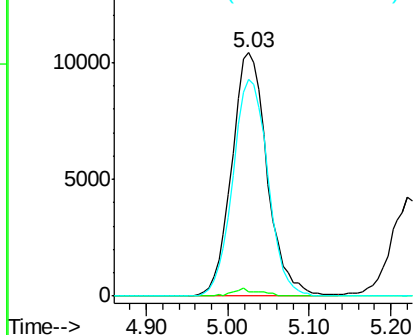
#28

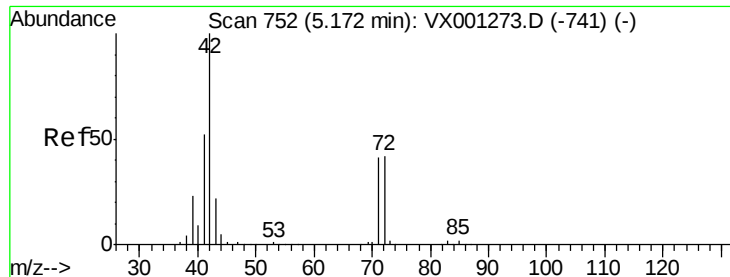
Bromochloromethane
 Concen: 28.55 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 49 Resp: 31349
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.0 70.4 105.6



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

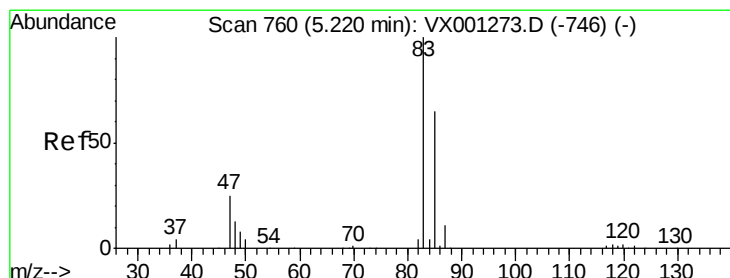
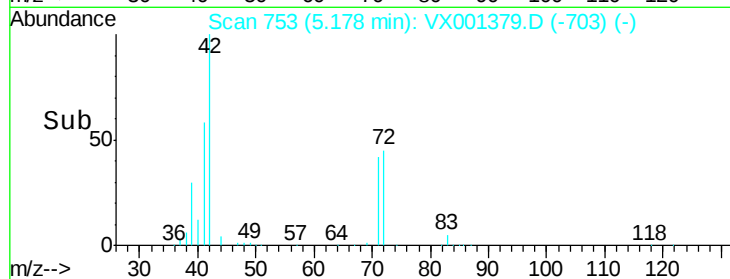
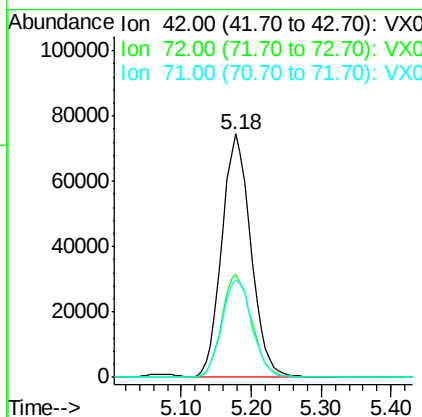
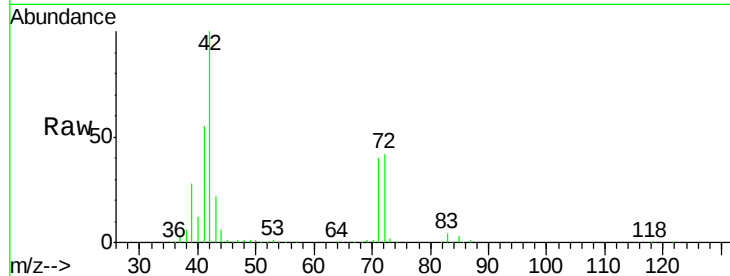




#29
Tetrahydrofuran
Concen: 336.43 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

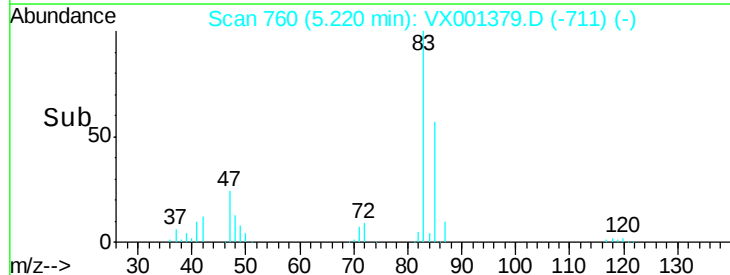
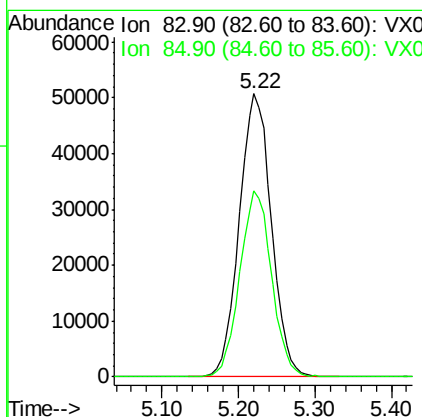
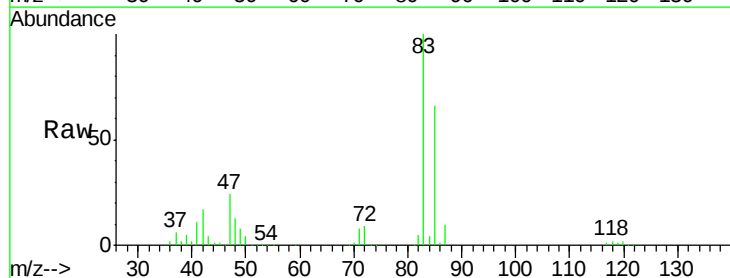
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

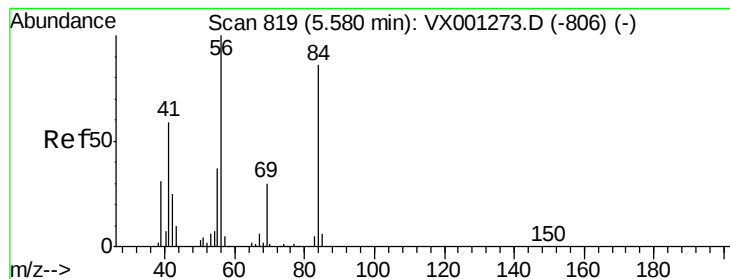
Tgt Ion: 42 Resp: 214452
Ion Ratio Lower Upper
42 100
72 43.9 34.6 52.0
71 41.6 32.7 49.1



#30
Chloroform
Concen: 57.18 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion: 83 Resp: 147637
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.2





#31

Cyclohexane

Concen: 38.53 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

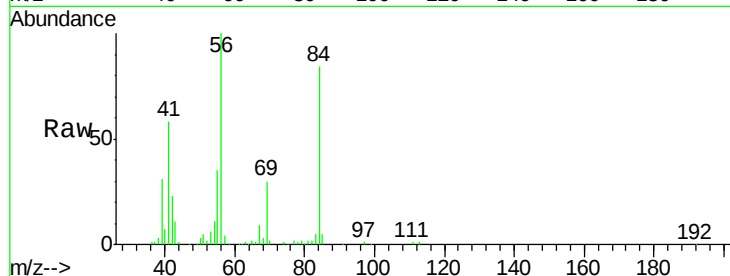
Tgt Ion: 56 Resp: 85008

Ion Ratio Lower Upper

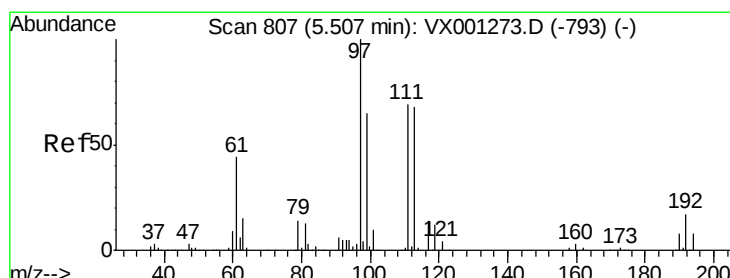
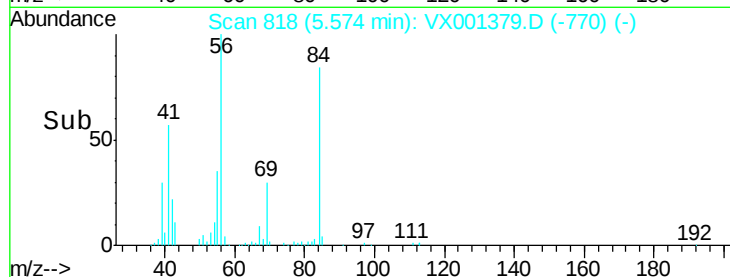
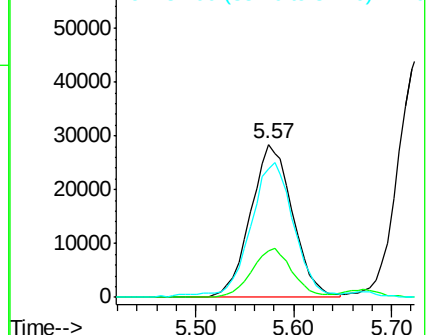
56 100

69 30.3 24.0 36.0

84 81.9 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 49.32 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

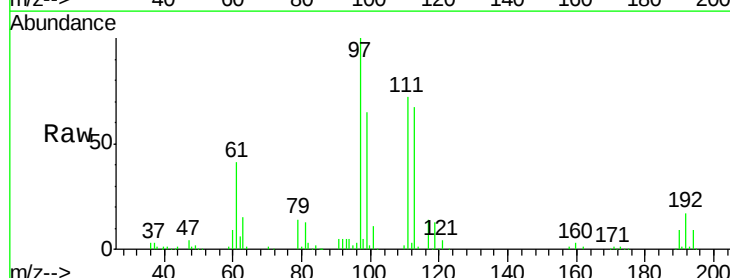
Tgt Ion: 97 Resp: 111292

Ion Ratio Lower Upper

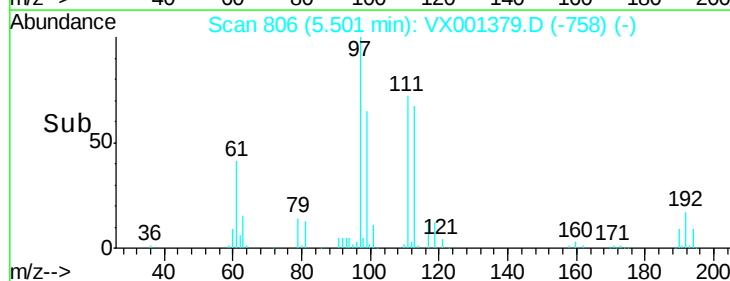
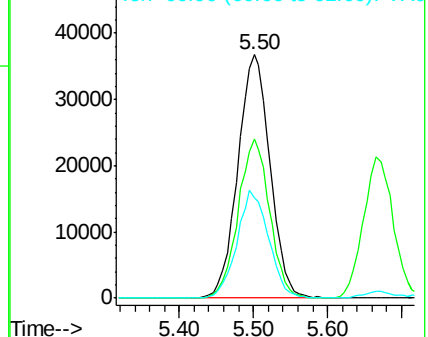
97 100

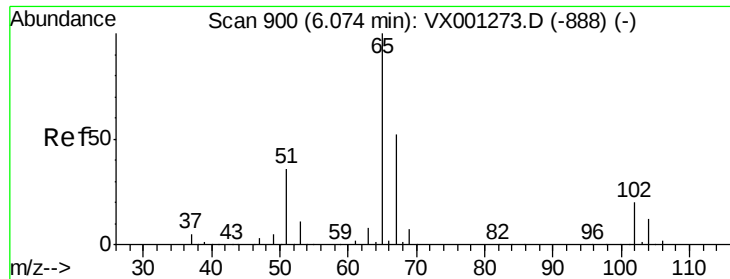
99 63.9 51.8 77.6

61 43.6 35.4 53.2



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





#33

1,2-Dichloroethane-d4

Concen: 53.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

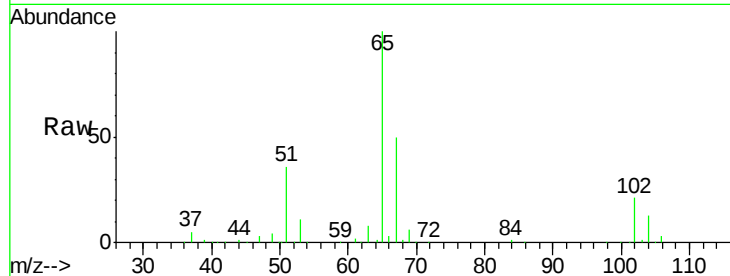
VSTDCCC050

Tgt Ion: 65 Resp: 95596

Ion Ratio Lower Upper

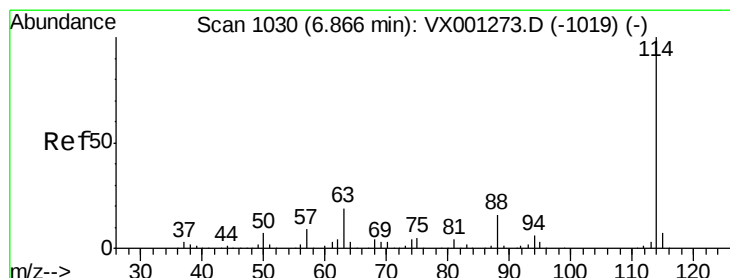
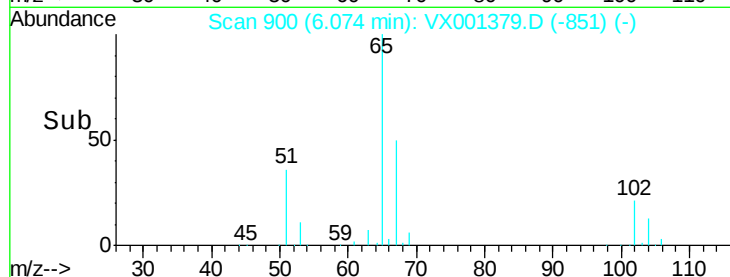
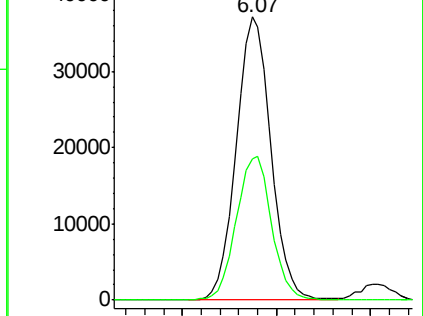
65 100

67 51.5 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: VX001379.D

Acq: 04 May 2018 04:44

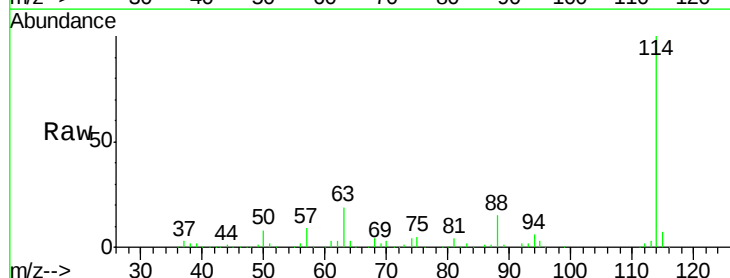
Tgt Ion: 114 Resp: 182203

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

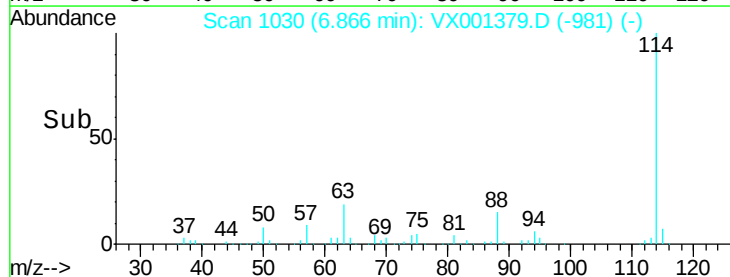
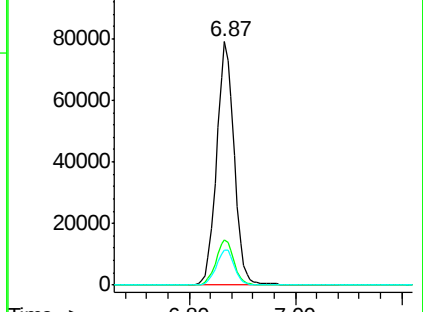
88 14.5 0.0 32.2

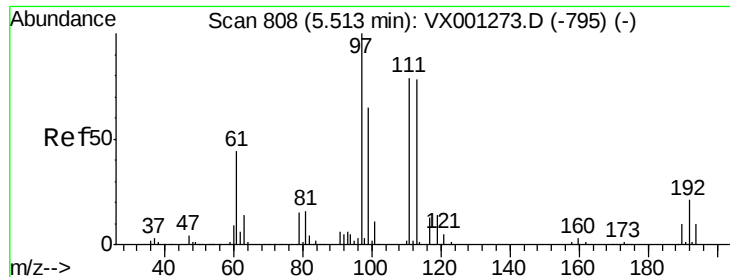


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

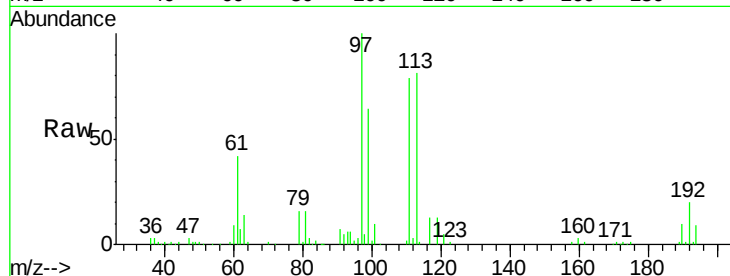




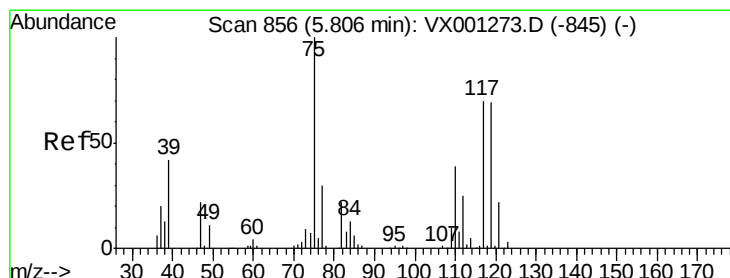
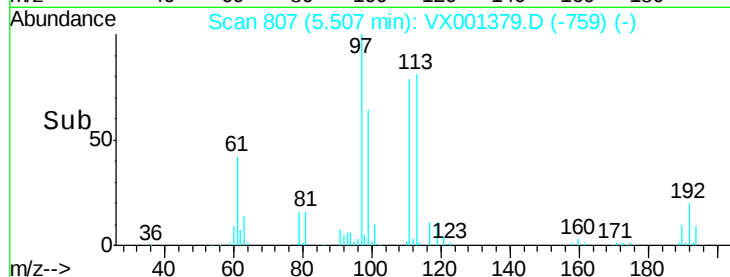
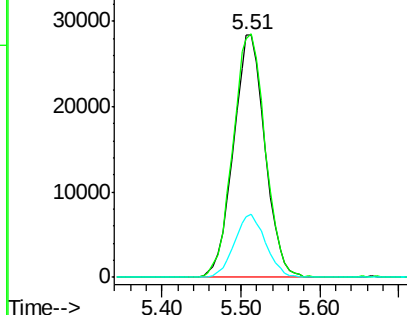
#35
 Dibromofluoromethane
 Concen: 50.30 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 78960
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 25.9 20.7 31.1

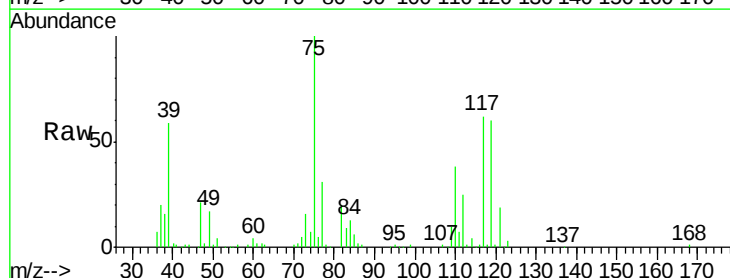


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

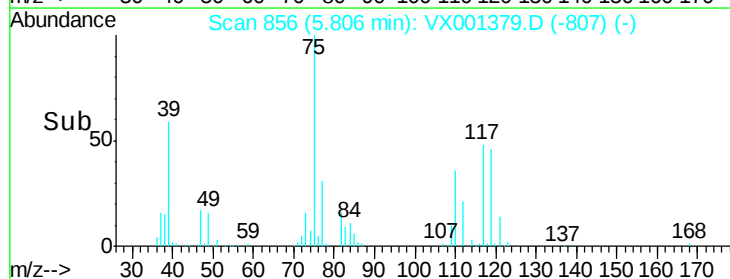
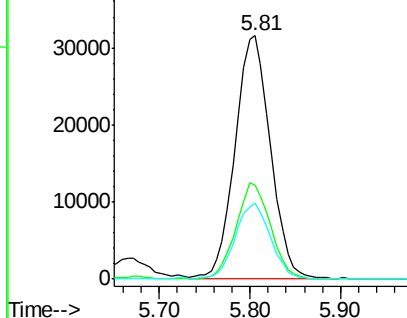


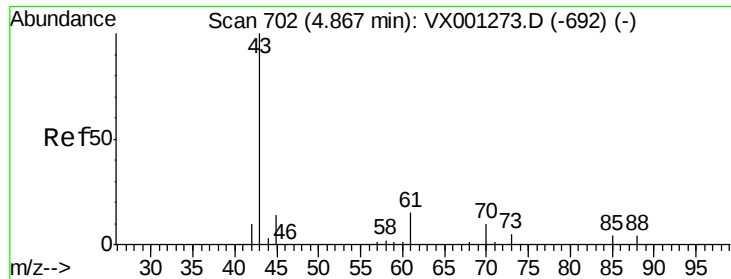
#36
 1,1-Dichloropropene
 Concen: 40.32 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 75 Resp: 84798
 Ion Ratio Lower Upper
 75 100
 110 38.8 18.9 56.9
 77 31.5 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

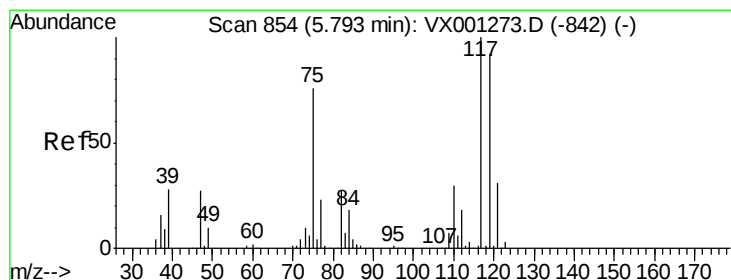
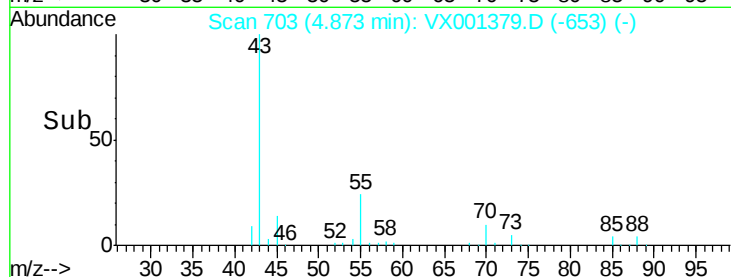
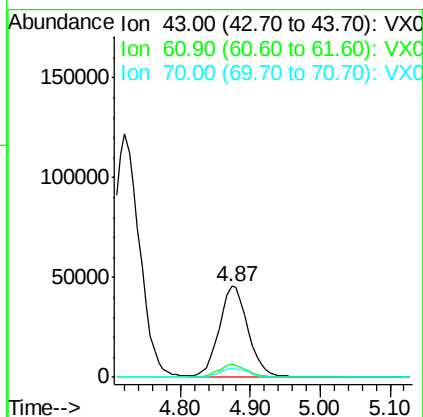
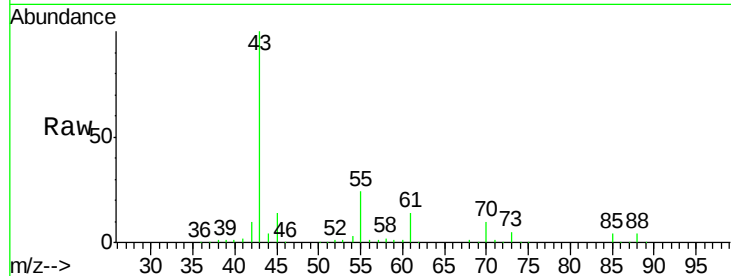




#37
Ethyl Acetate
Concen: 61.62 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

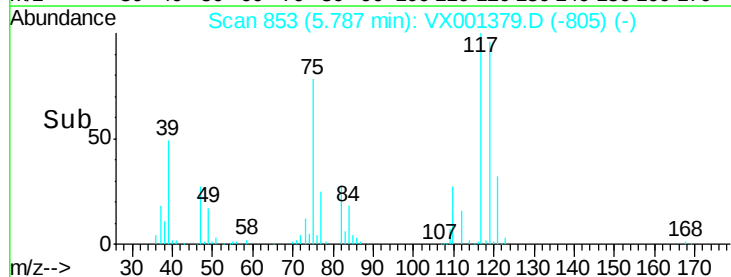
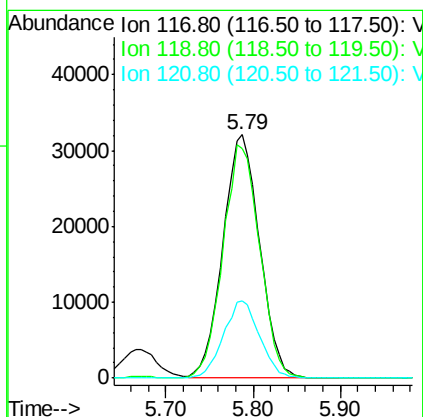
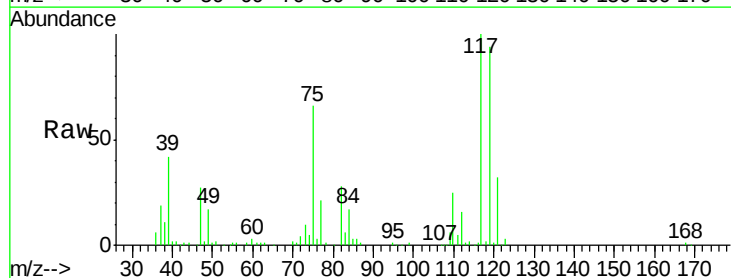
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

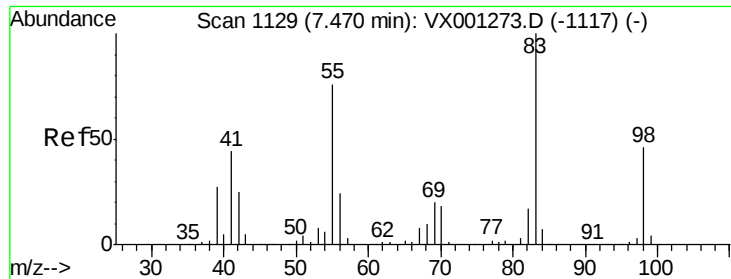
Tgt Ion: 43 Resp: 130840
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 9.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 42.41 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion: 117 Resp: 93429
Ion Ratio Lower Upper
117 100
119 94.4 73.4 110.2
121 31.6 25.0 37.4

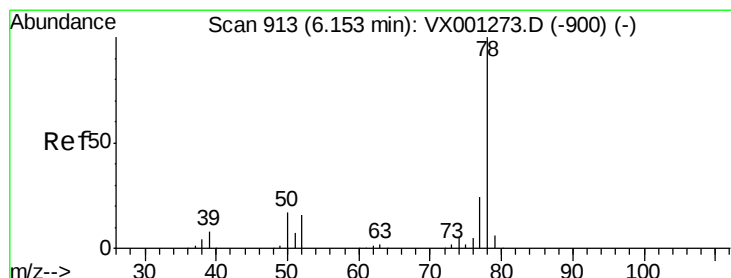
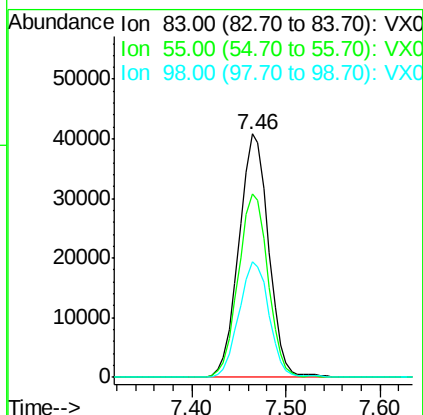
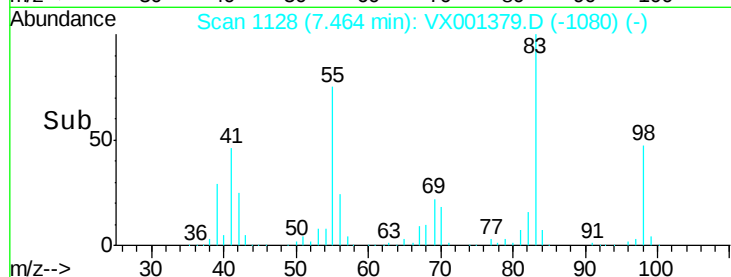
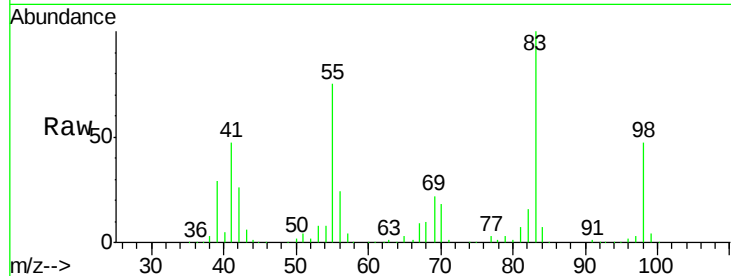




#39
Methylcyclohexane
Concen: 36.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

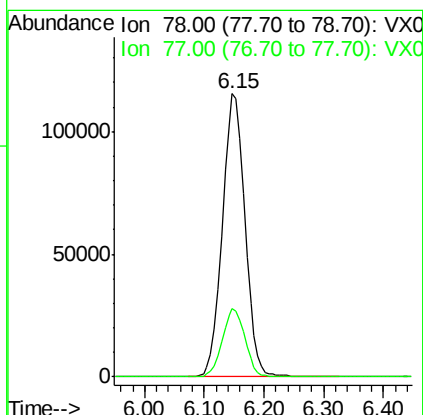
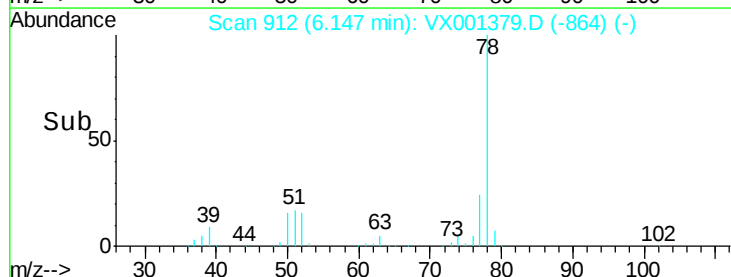
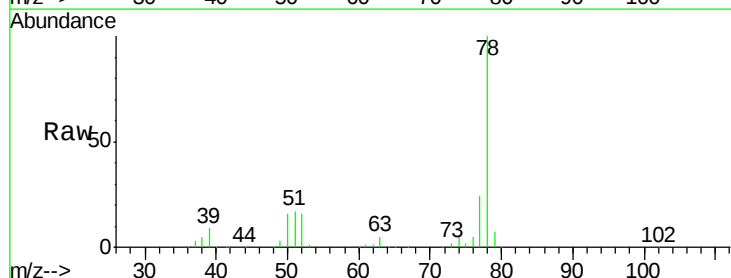
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

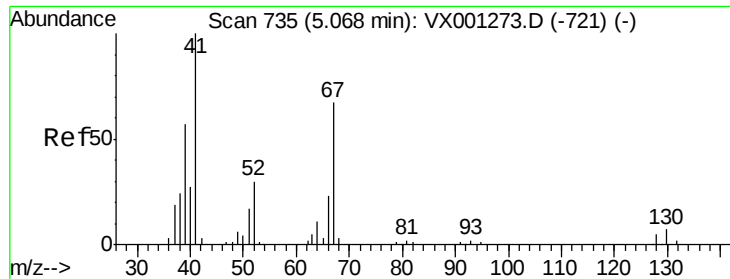
Tgt Ion: 83 Resp: 89601
Ion Ratio Lower Upper
83 100
55 75.4 60.4 90.6
98 47.4 37.0 55.6



#40
Benzene
Concen: 50.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion: 78 Resp: 305710
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

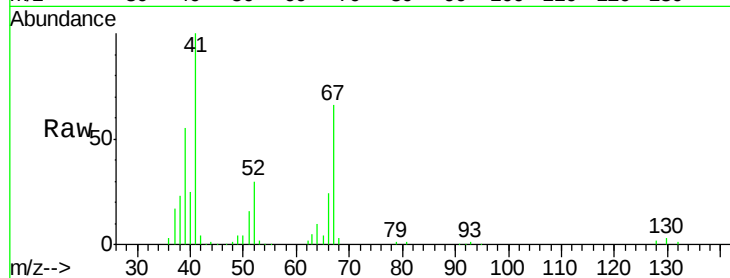




#41
Methacrylonitrile
Concen: 59.72 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	73855
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.8
67	68.7	54.8	82.2
52	28.9	24.6	37.0



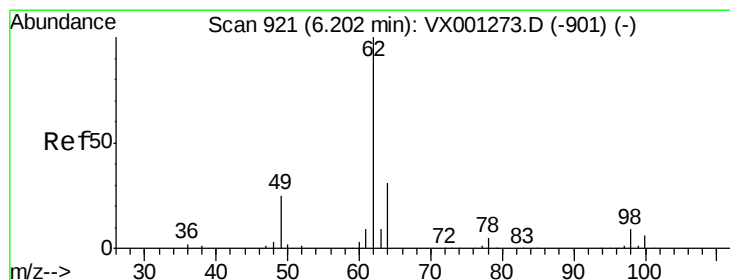
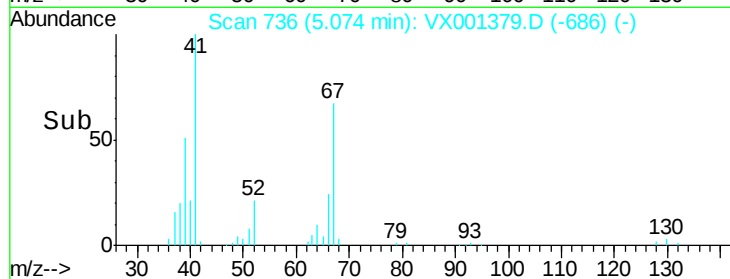
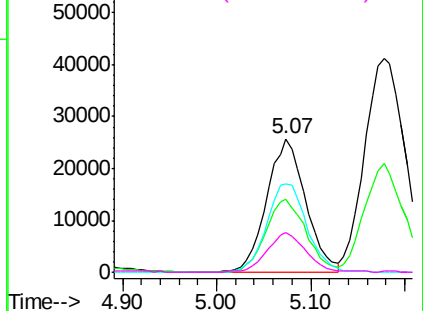
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

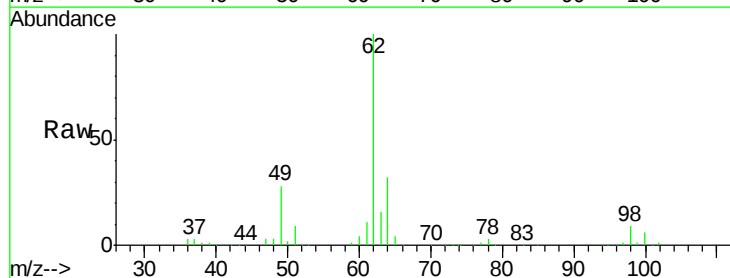
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 54.30 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

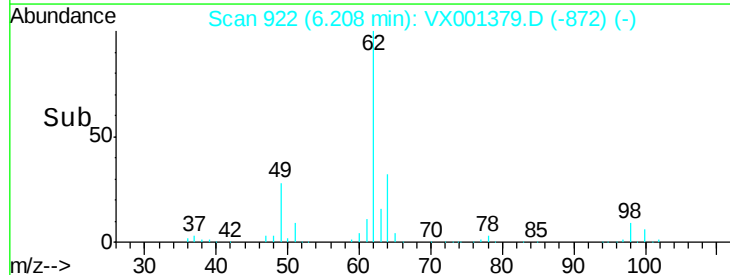
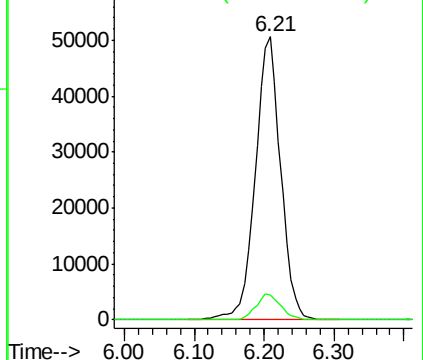
Tgt Ion:	62	Resp:	127177
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2

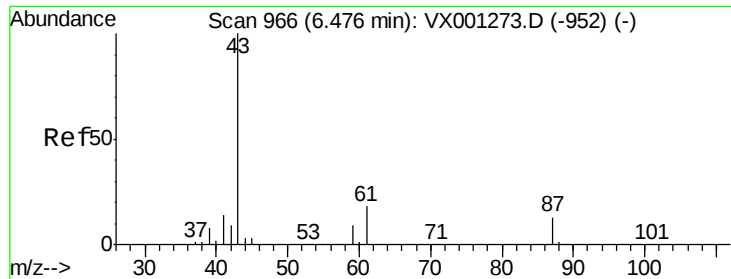


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

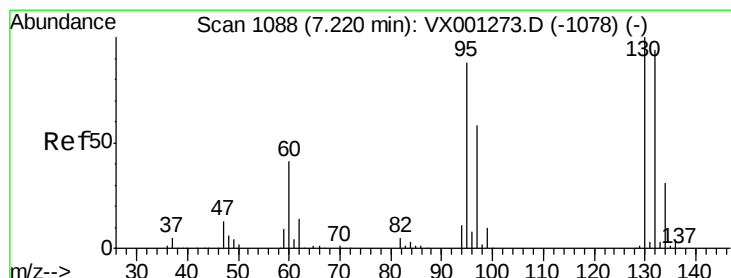
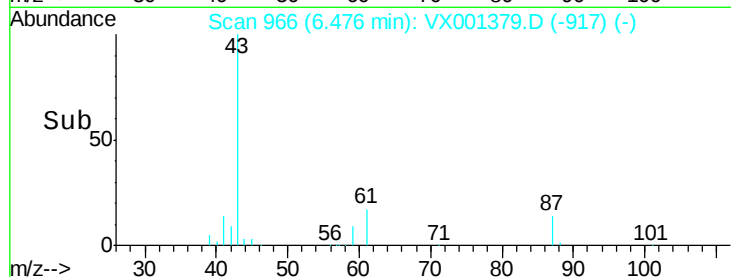
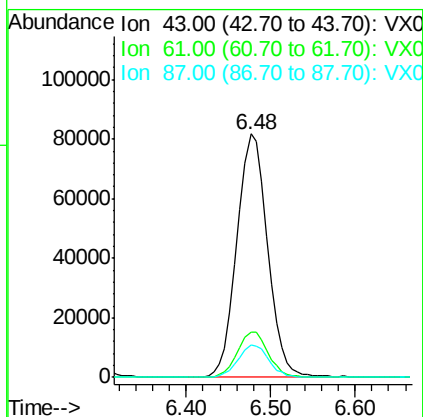
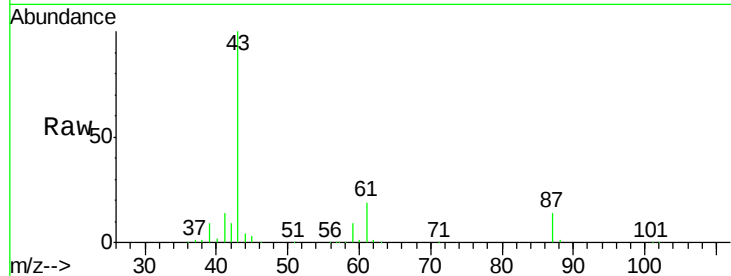




#43
Isopropyl Acetate
Concen: 58.28 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

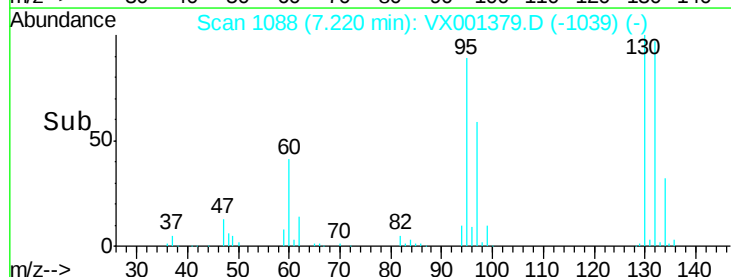
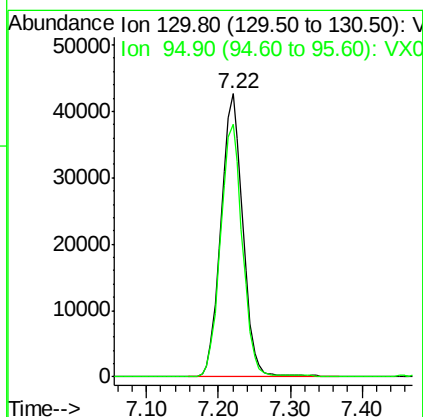
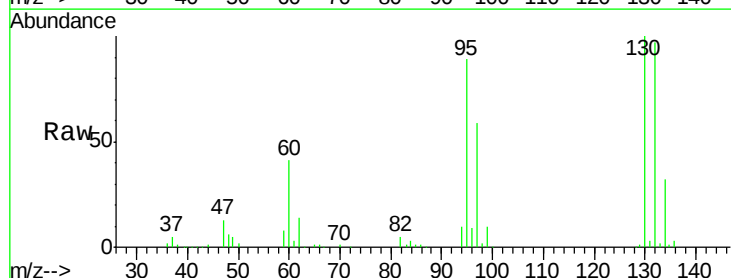
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

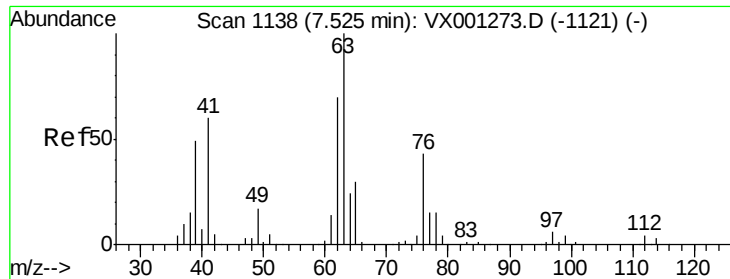
Tgt Ion: 43 Resp: 200343
Ion Ratio Lower Upper
43 100
61 18.9 15.0 22.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 48.85 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion: 130 Resp: 90459
Ion Ratio Lower Upper
130 100
95 89.3 0.0 176.0

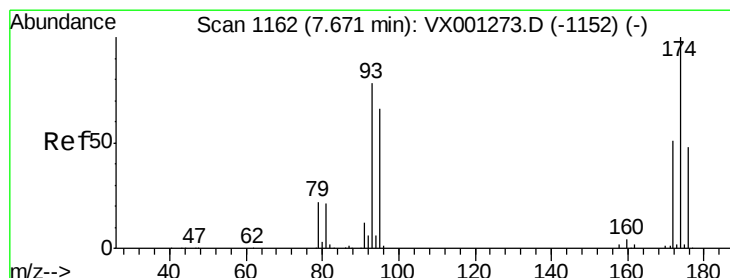
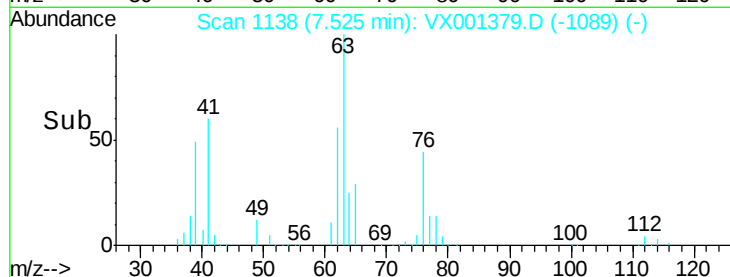
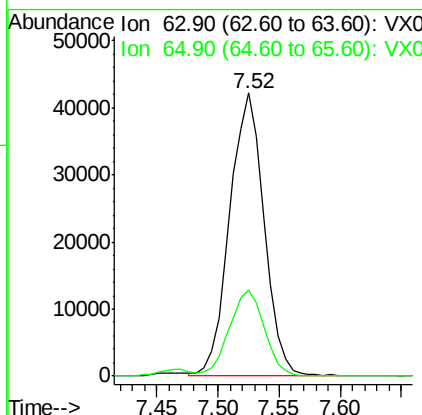
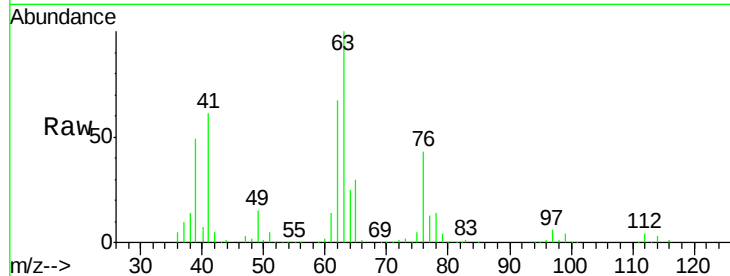




#45
 1,2-Dichloropropane
 Concen: 52.48 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

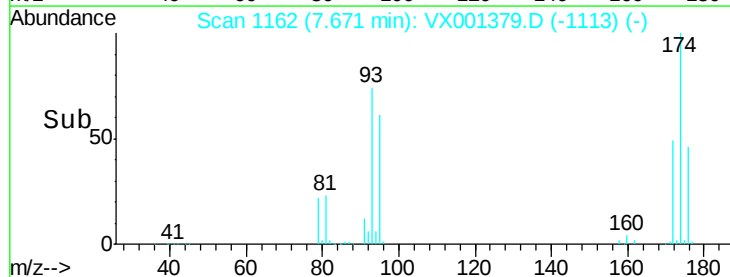
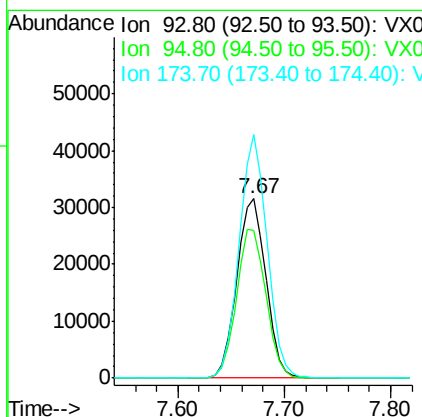
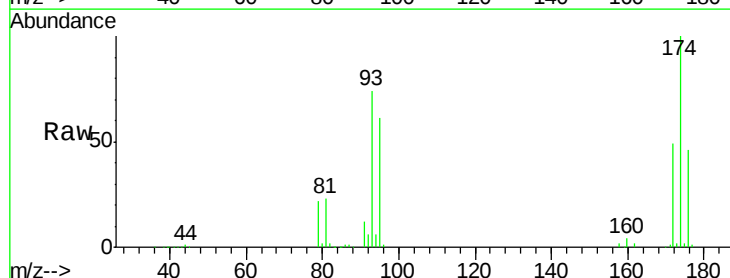
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

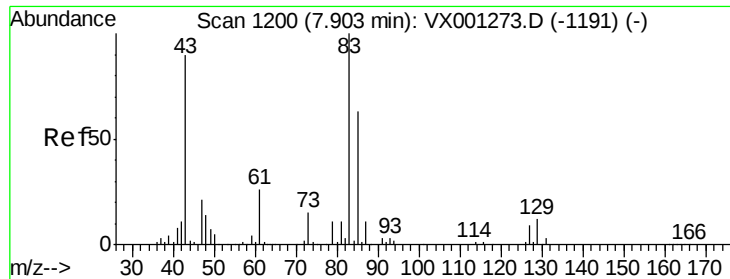
Tgt Ion: 63 Resp: 81534
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 55.79 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 93 Resp: 60756
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.6
 174 130.1 102.3 153.5





#47

Bromodichloromethane

Concen: 56.32 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

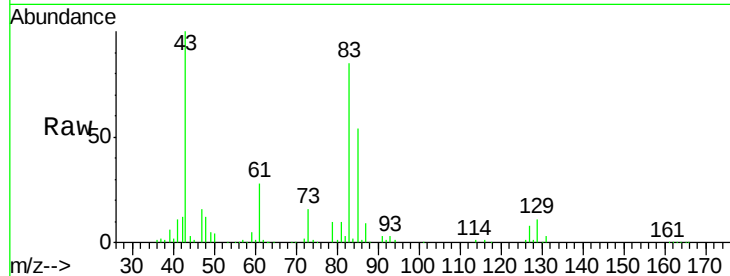
Tgt Ion: 83 Resp: 109655

Ion Ratio Lower Upper

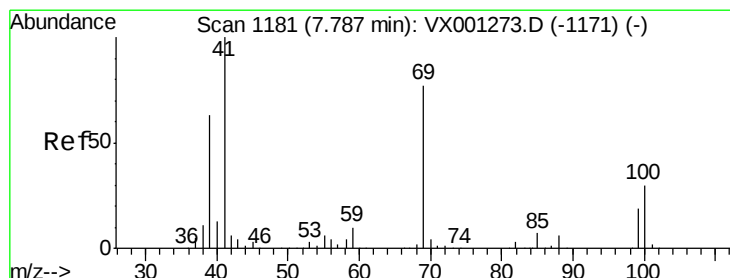
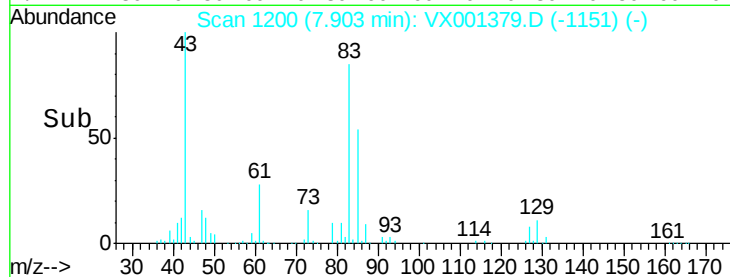
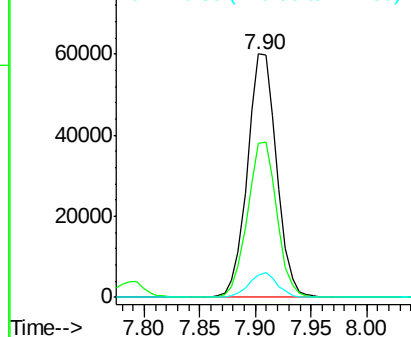
83 100

85 63.2 50.3 75.5

127 9.3 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: 58.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

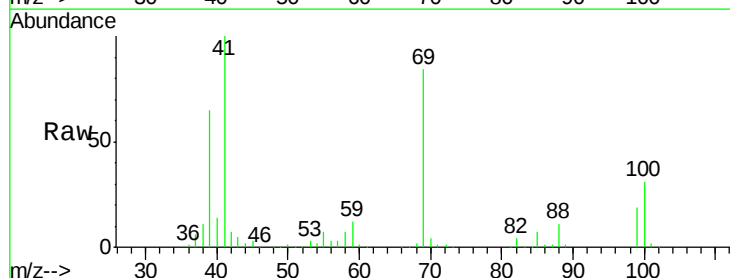
Tgt Ion: 41 Resp: 106547

Ion Ratio Lower Upper

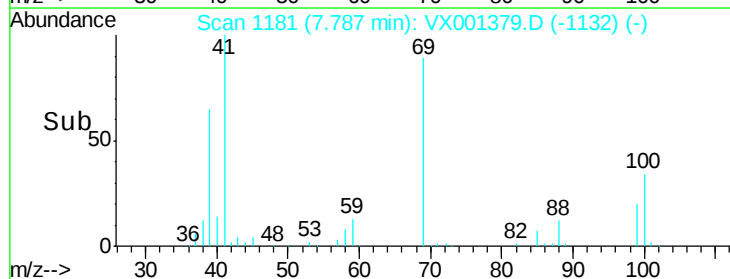
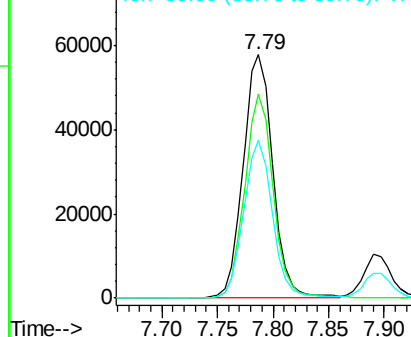
41 100

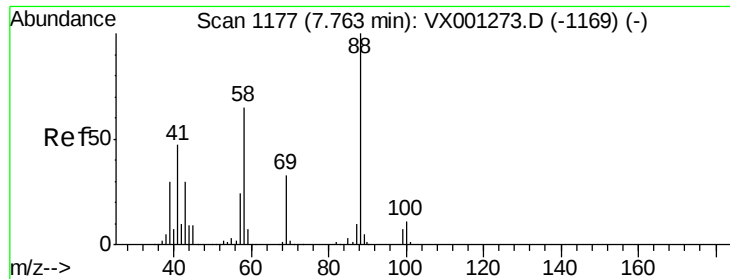
69 81.1 63.0 94.6

39 63.0 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

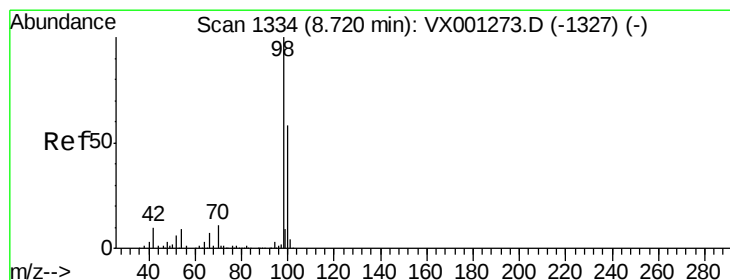
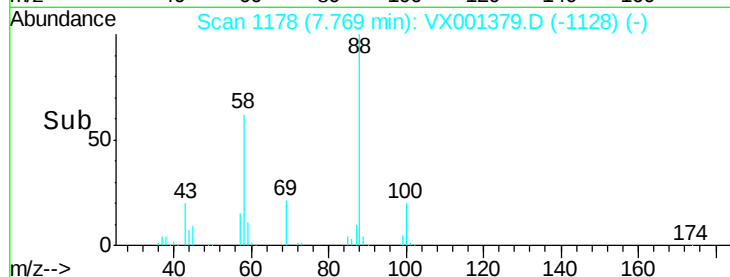
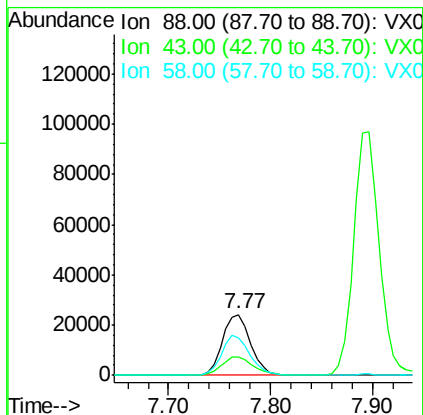
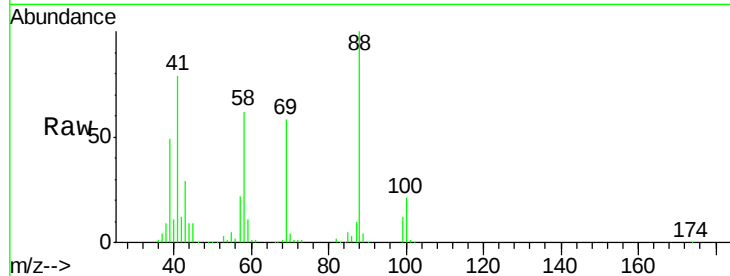




#49
 1,4-Dioxane
 Concen: 1343.89 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

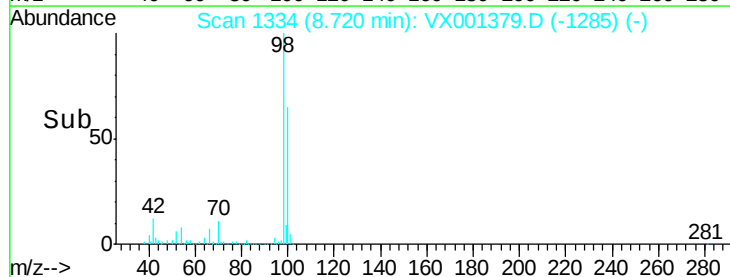
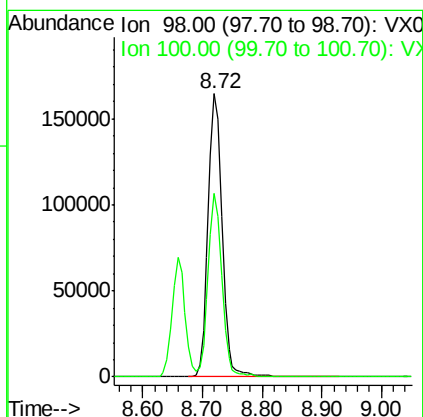
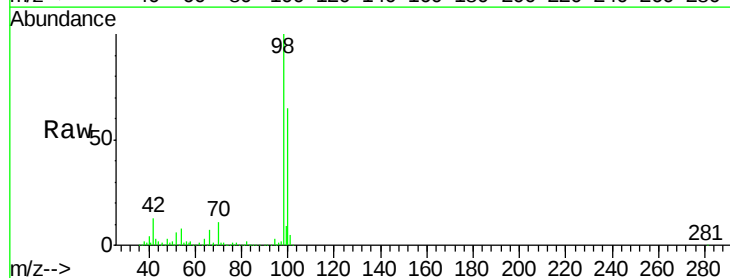
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

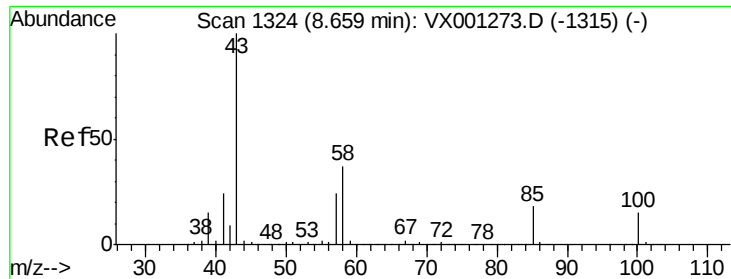
Tgt Ion: 88 Resp: 46346
 Ion Ratio Lower Upper
 88 100
 43 34.2 27.9 41.9
 58 65.8 54.2 81.2



#50
 Toluene-d8
 Concen: 47.47 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 98 Resp: 266217
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.0 76.4

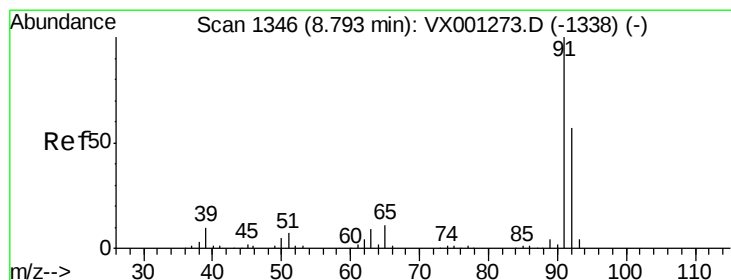
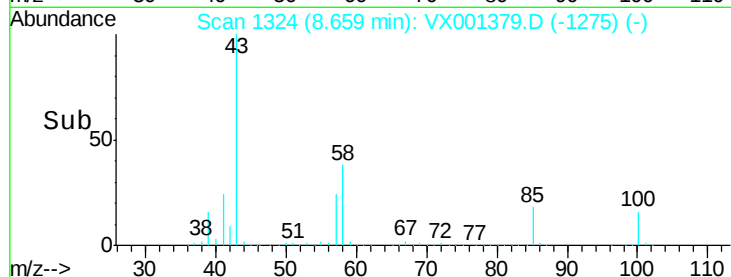
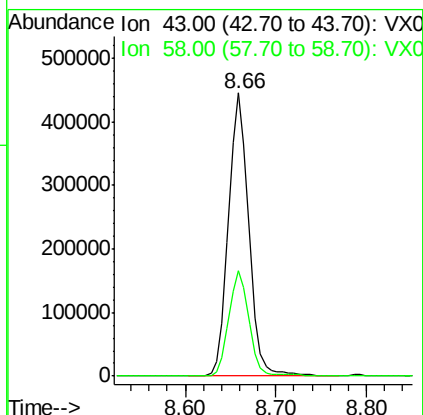
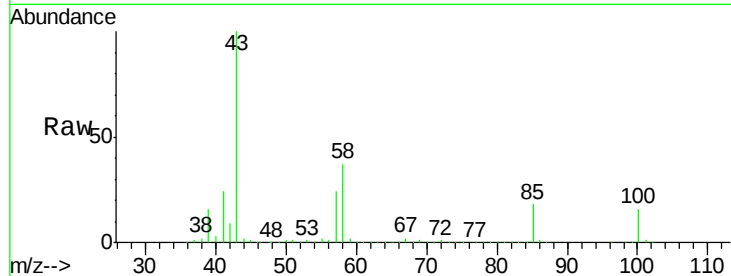




#51
 4-Methyl-2-Pentanone
 Concen: 313.84 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

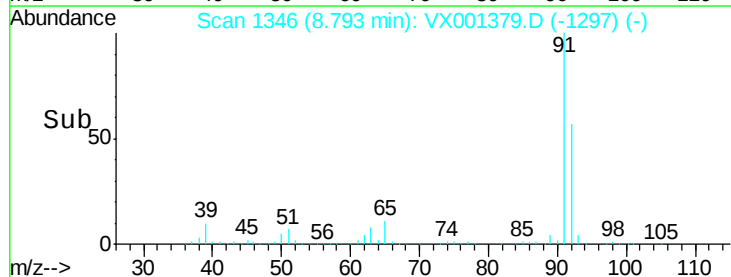
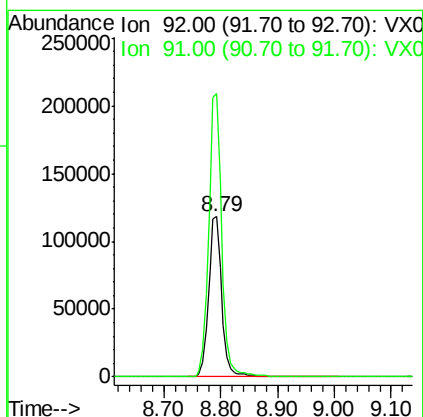
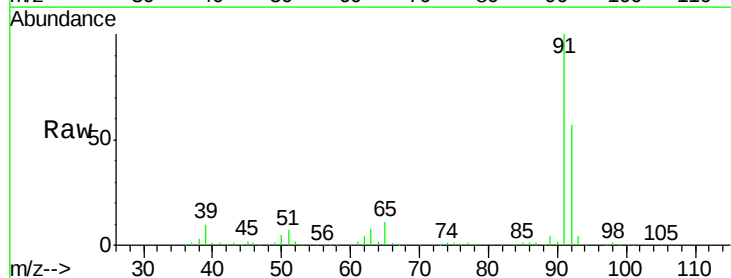
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

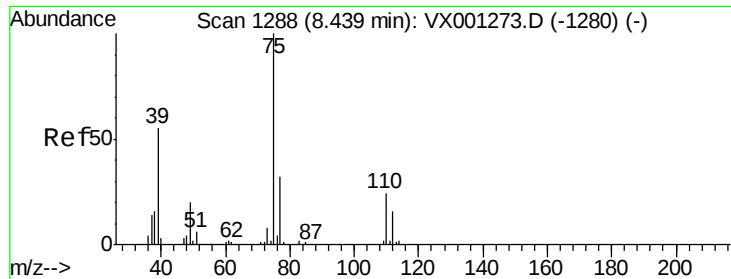
Tgt Ion: 43 Resp: 695557
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.0 43.6



#52
 Toluene
 Concen: 48.03 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 92 Resp: 189912
 Ion Ratio Lower Upper
 92 100
 91 176.5 139.0 208.6

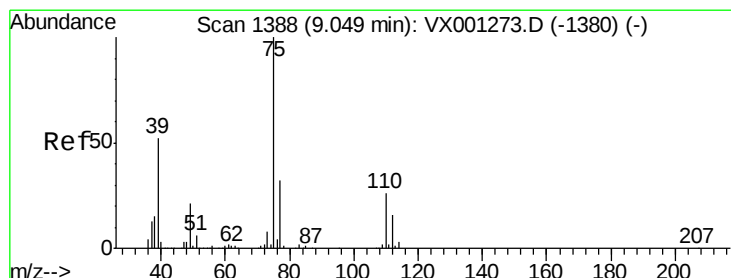
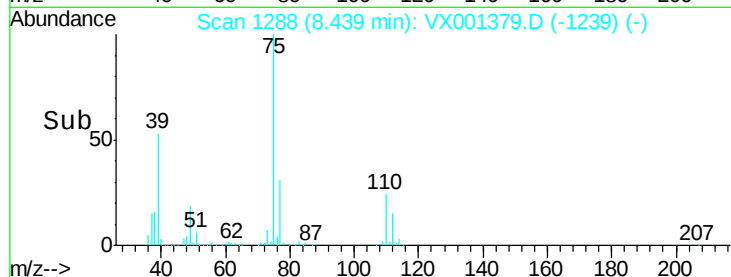
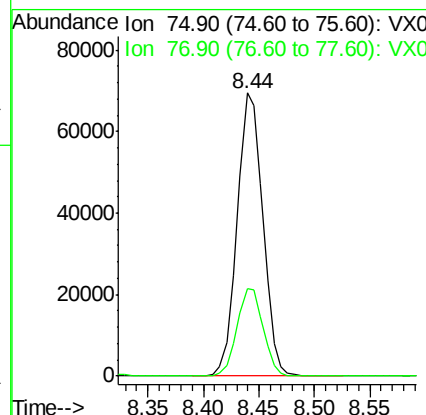
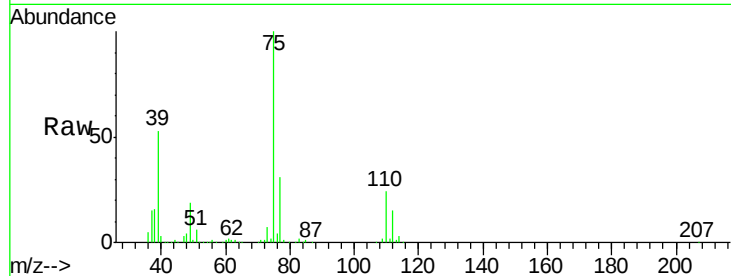




#53
 t-1,3-Dichloropropene
 Concen: 47.97 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

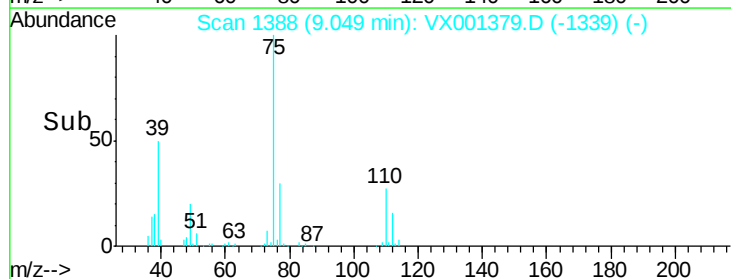
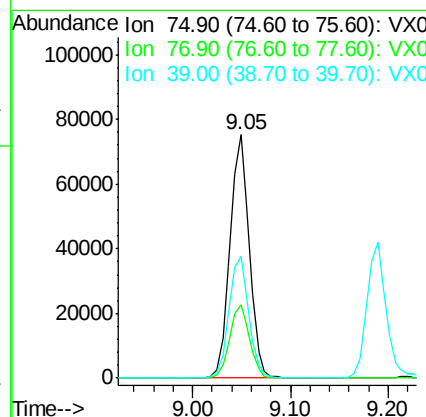
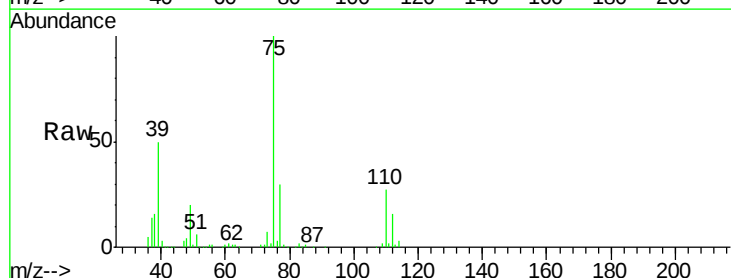
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

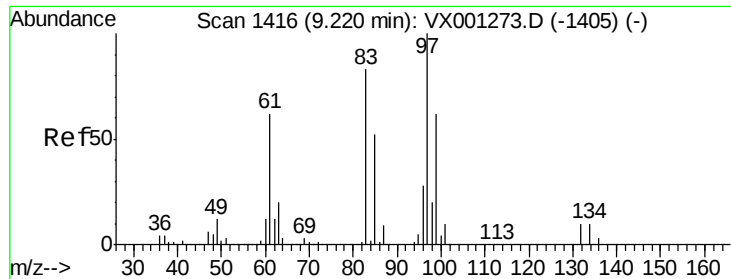
Tgt Ion: 75 Resp: 111079
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.27 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 75 Resp: 102825
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.5 38.3
 39 50.1 41.9 62.9

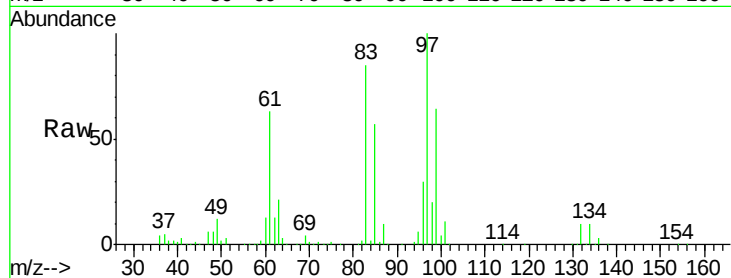




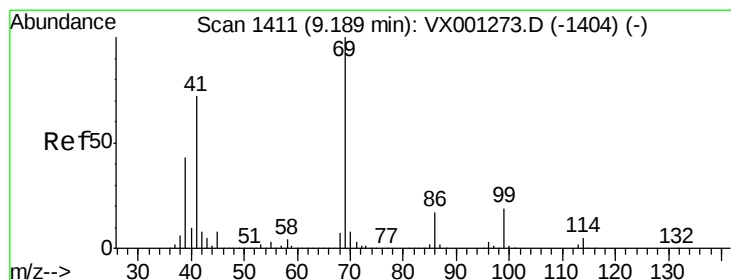
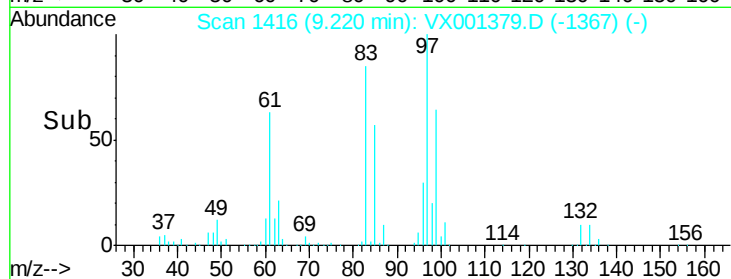
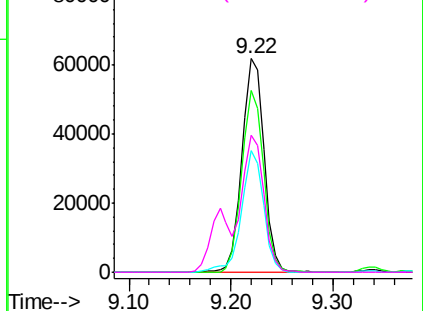
#55
 1,1,2-Trichloroethane
 Concen: 57.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	92387
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.4	99.6
85	56.8	41.6	62.4
99	64.0	49.3	73.9

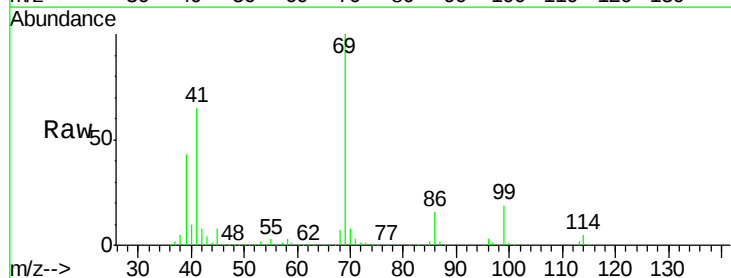


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

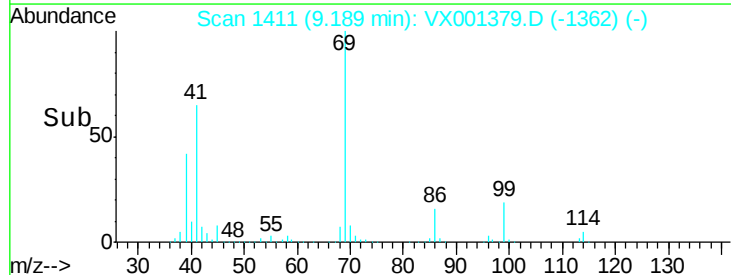
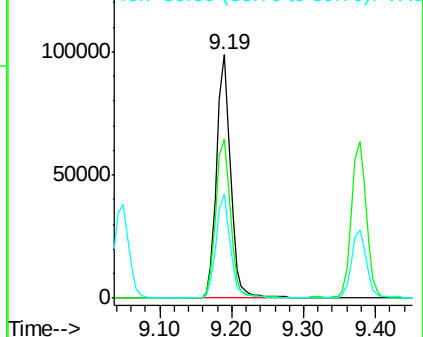


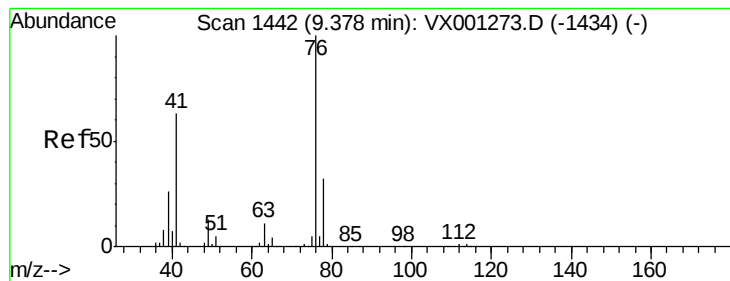
#56
 Ethyl methacrylate
 Concen: 60.26 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion:	69	Resp:	133376
Ion	Ratio	Lower	Upper
69	100		
41	68.9	57.2	85.8
39	43.3	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: 57.26 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

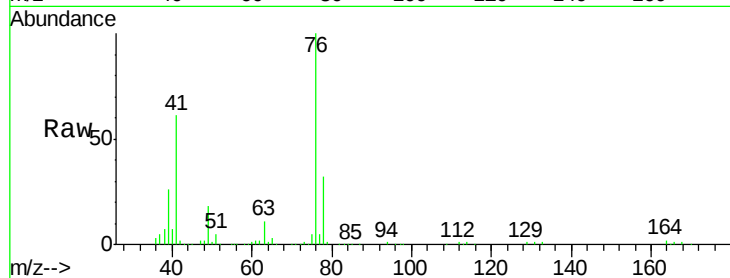
VSTDCCC050

Tgt Ion: 76 Resp: 147130

Ion Ratio Lower Upper

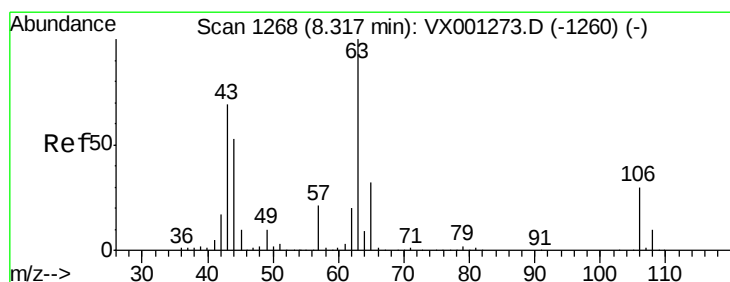
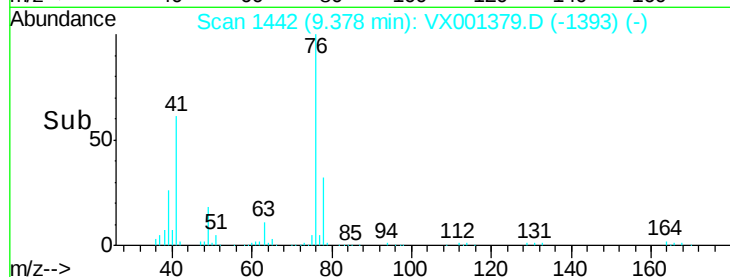
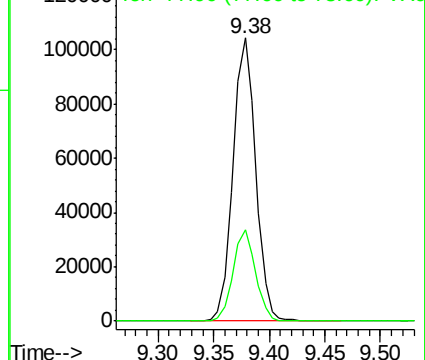
76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 310.15 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001379.D

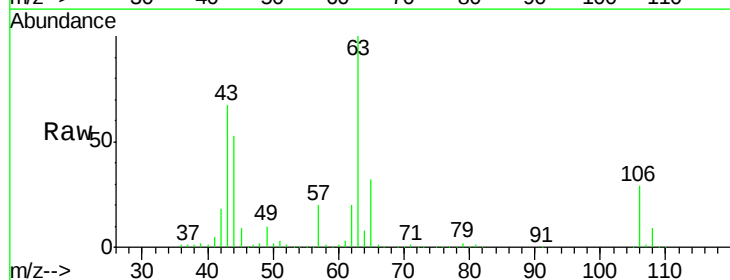
Acq: 04 May 2018 04:44

Tgt Ion: 63 Resp: 331179

Ion Ratio Lower Upper

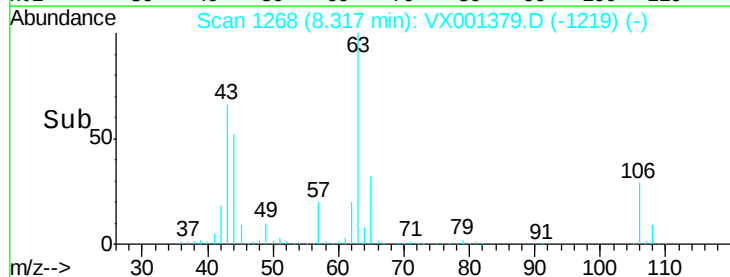
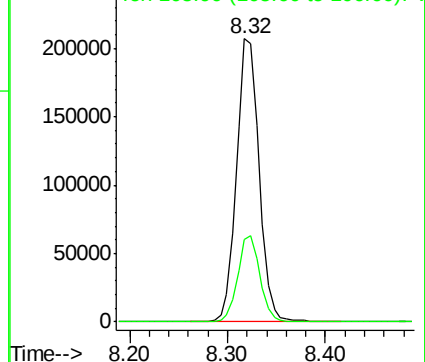
63 100

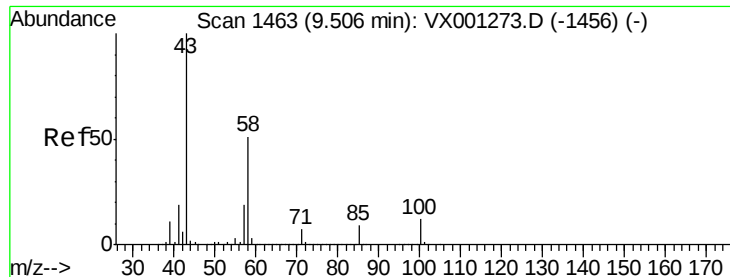
106 30.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

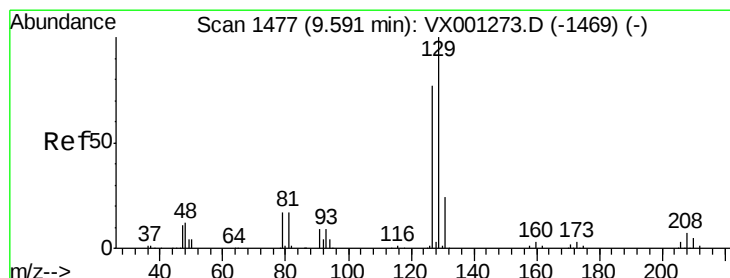
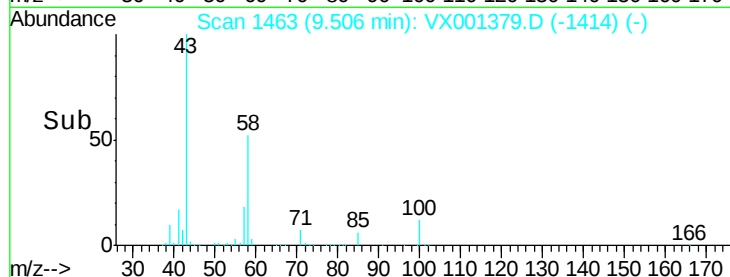
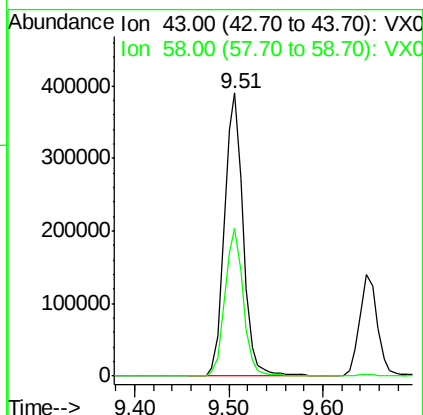
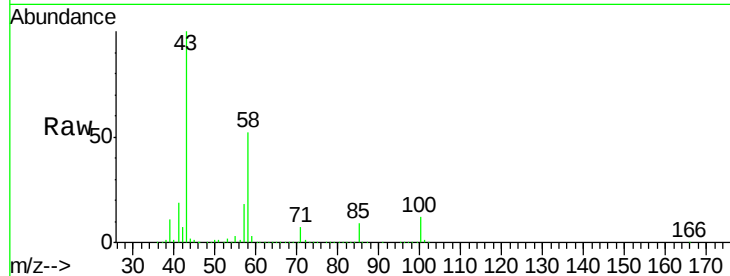




#59
2-Hexanone
Concen: 309.02 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

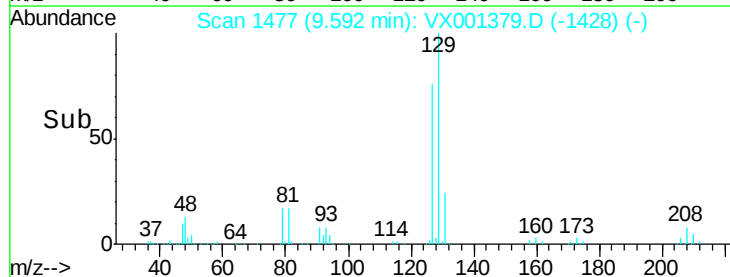
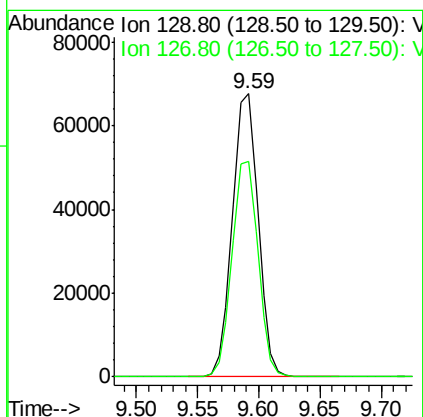
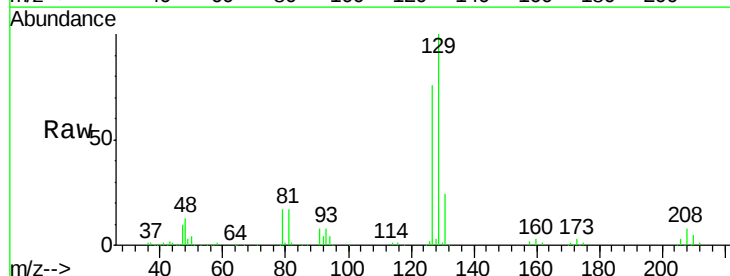
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

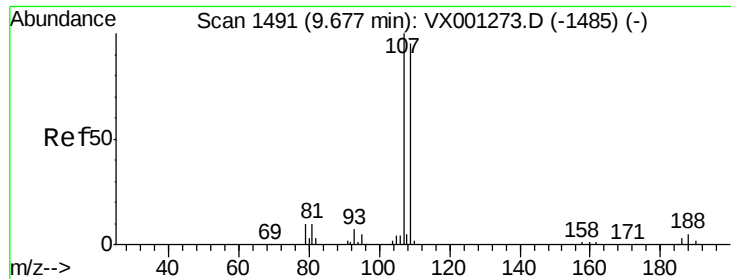
Tgt Ion: 43 Resp: 535292
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 59.23 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion: 129 Resp: 98686
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 58.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

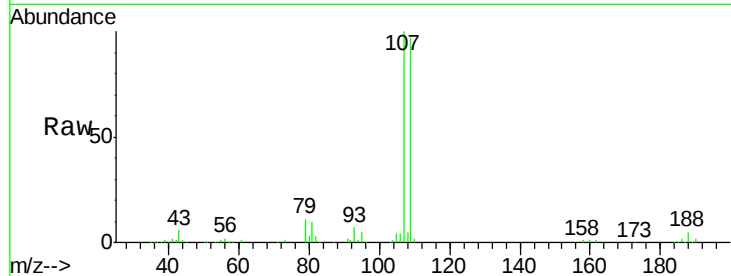
VSTDCCC050

Tgt Ion: 107 Resp: 98388

Ion Ratio Lower Upper

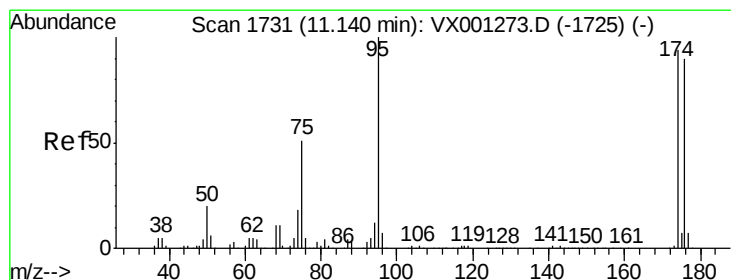
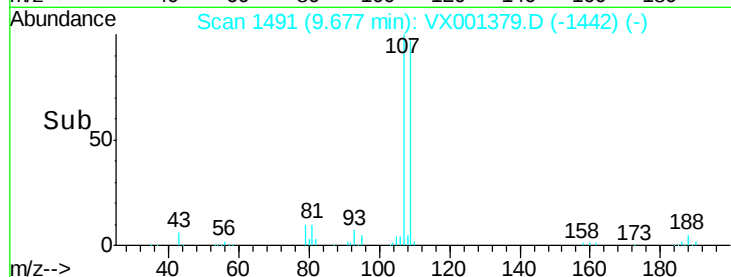
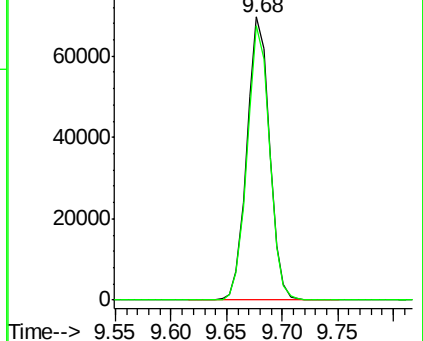
107 100

109 96.0 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: 44.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

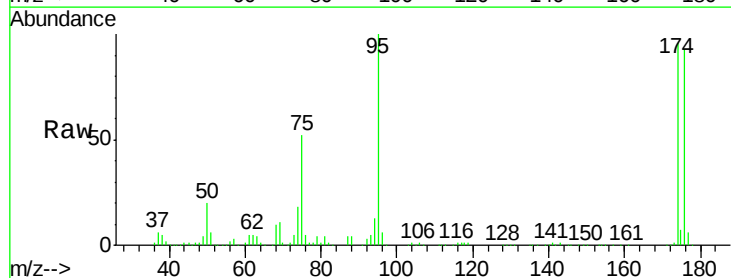
Tgt Ion: 95 Resp: 99056

Ion Ratio Lower Upper

95 100

174 105.4 0.0 201.8

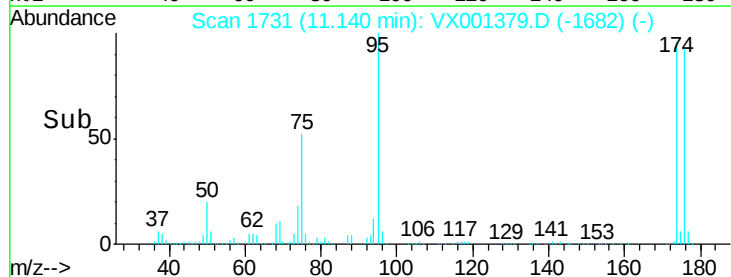
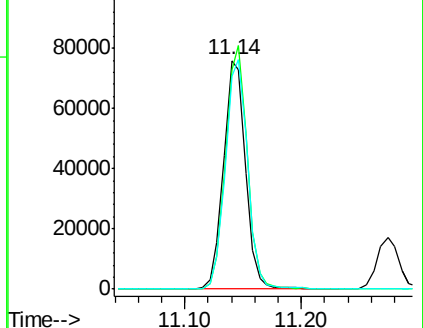
176 101.8 0.0 197.2

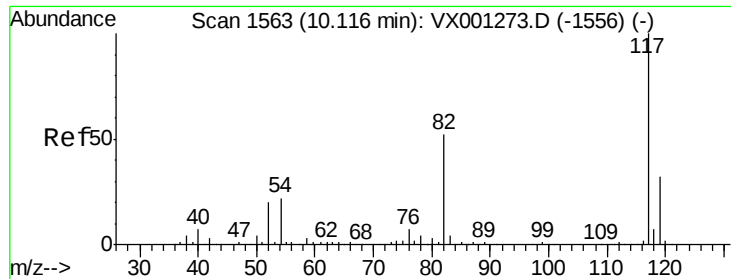


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

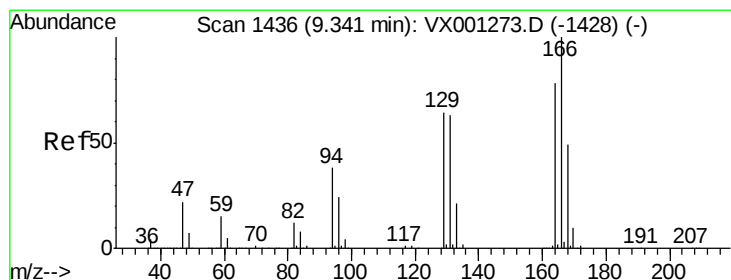
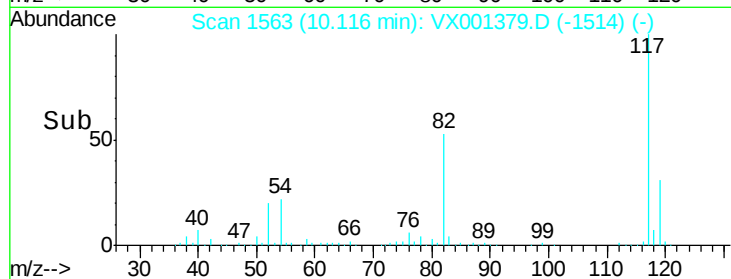
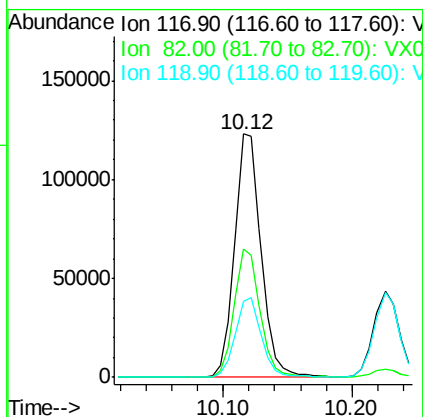
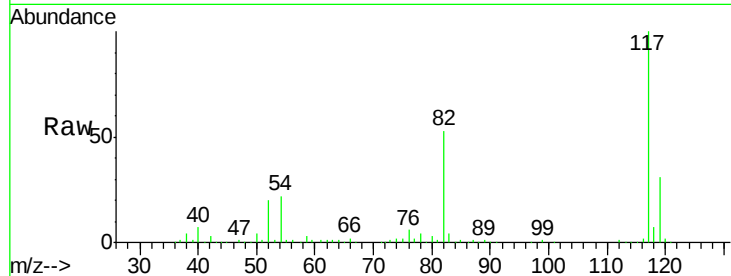




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

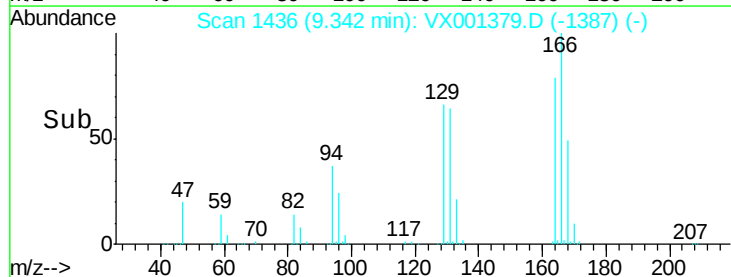
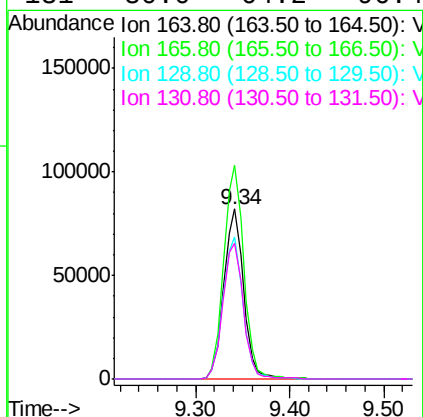
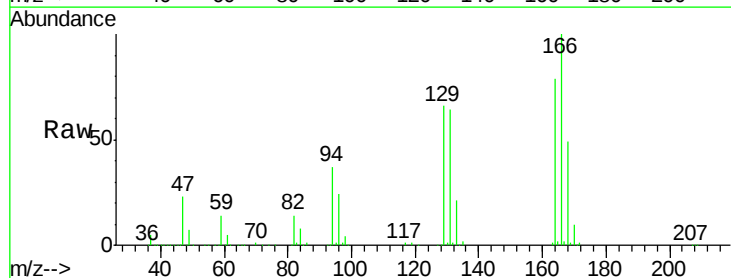
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

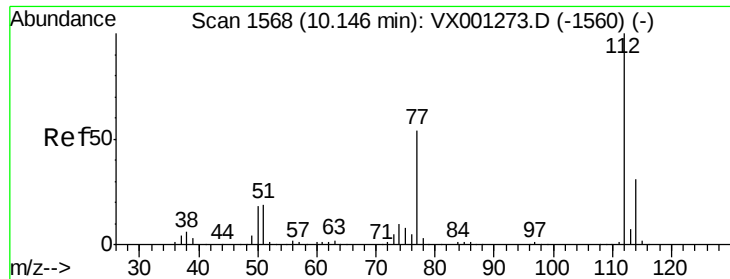
Tgt Ion:117 Resp: 176761
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 57.26 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion:164 Resp: 119901
Ion Ratio Lower Upper
164 100
166 125.9 102.3 153.5
129 83.7 65.1 97.7
131 80.0 64.2 96.4

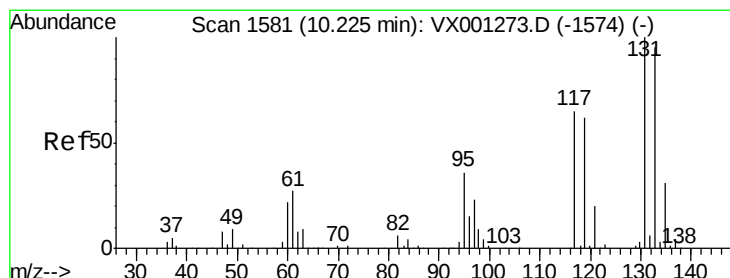
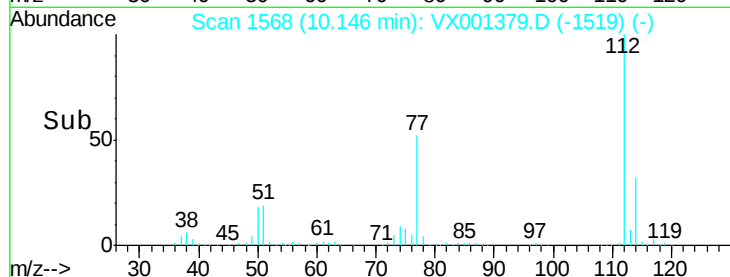
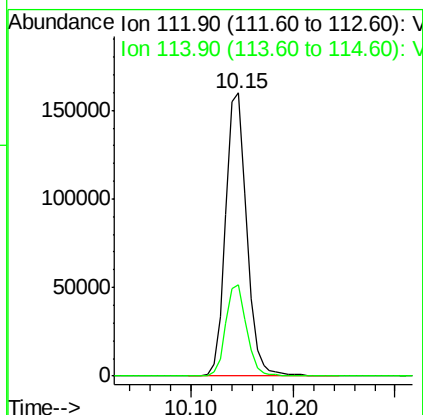
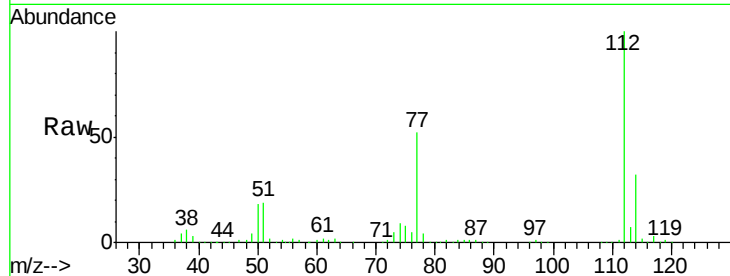




#65
Chlorobenzene
Concen: 47.62 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

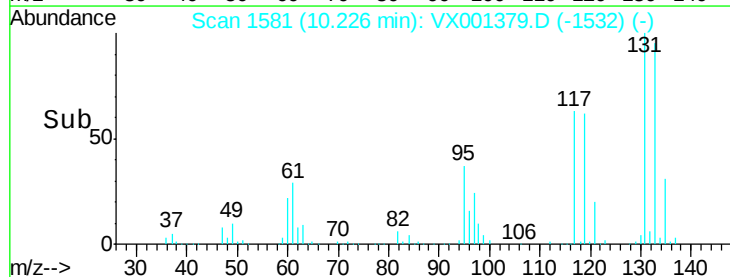
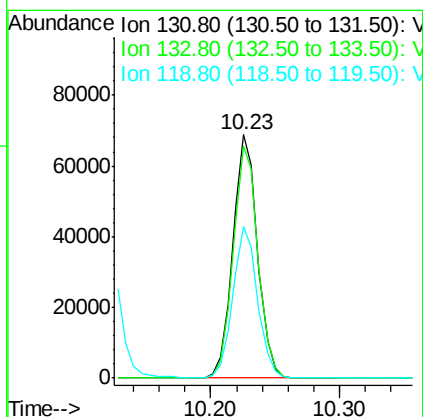
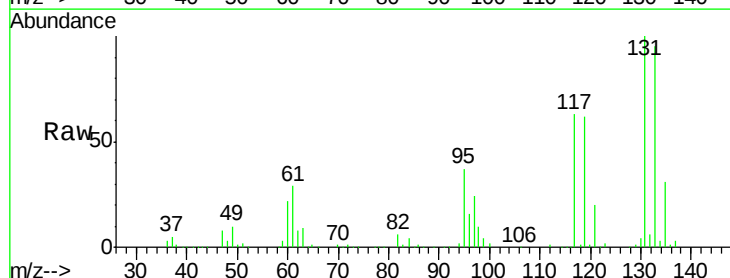
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

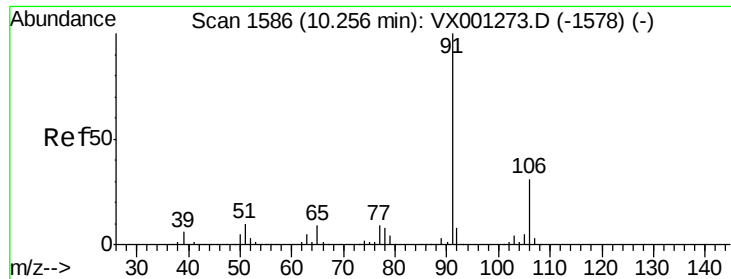
Tgt Ion:112 Resp: 228901
Ion Ratio Lower Upper
112 100
114 32.1 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.89 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion:131 Resp: 91596
Ion Ratio Lower Upper
131 100
133 96.1 48.3 144.9
119 62.3 31.2 93.6

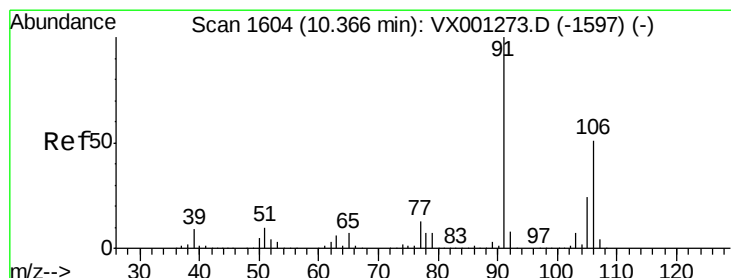
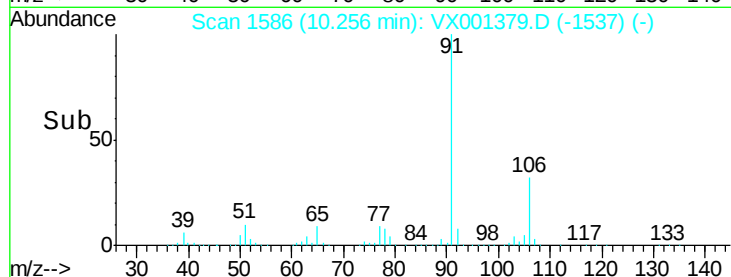
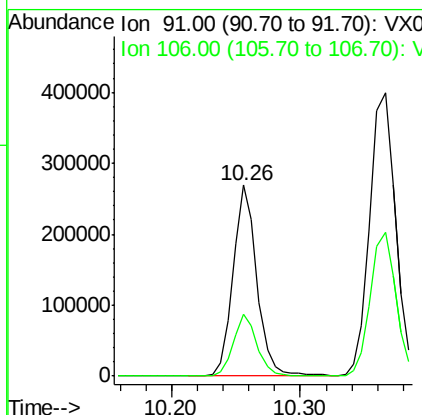
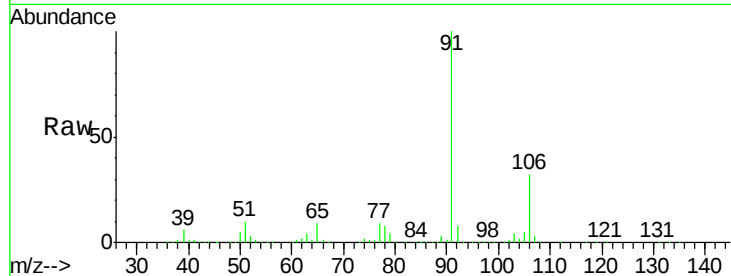




#67
Ethyl Benzene
Concen: 44.11 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

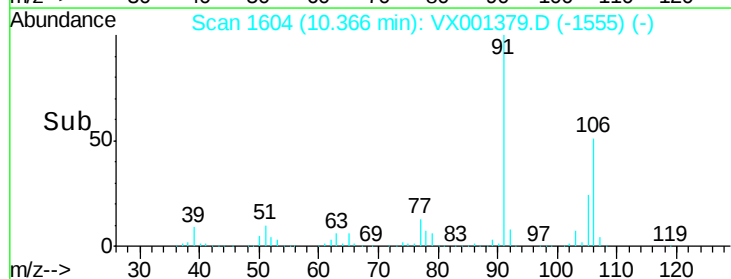
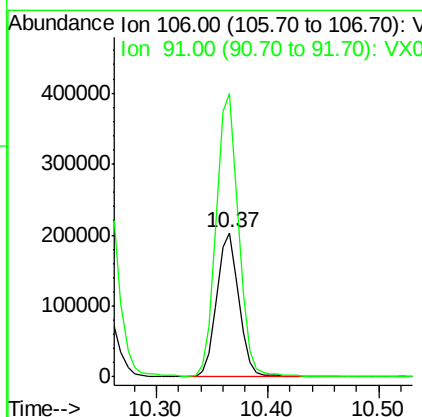
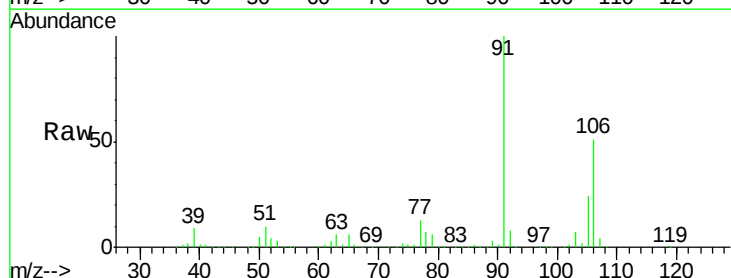
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

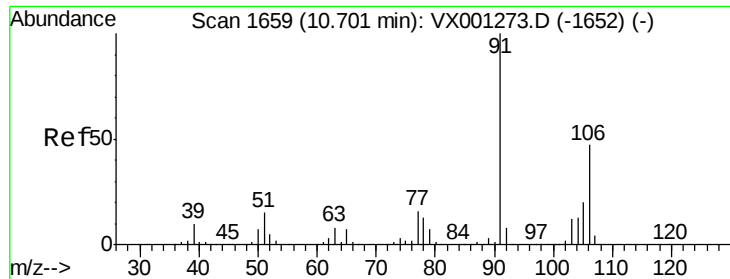
Tgt Ion: 91 Resp: 349450
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 90.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion: 106 Resp: 280524
Ion Ratio Lower Upper
106 100
91 199.4 159.4 239.2

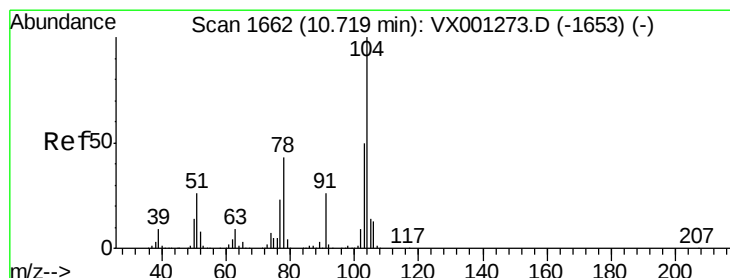
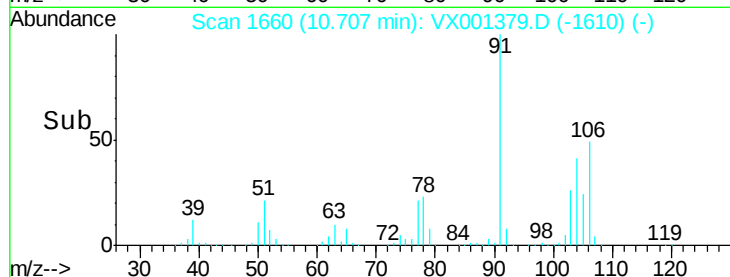
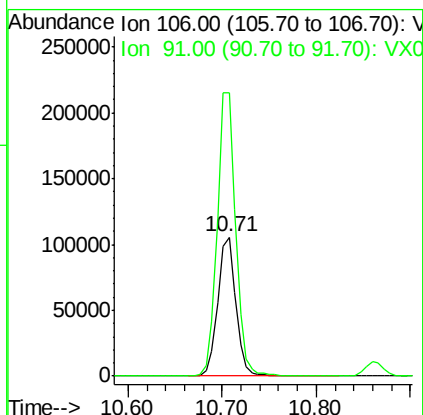
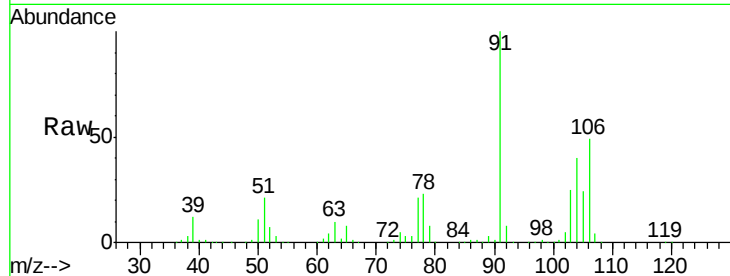




#69
o-Xylene
Concen: 46.74 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

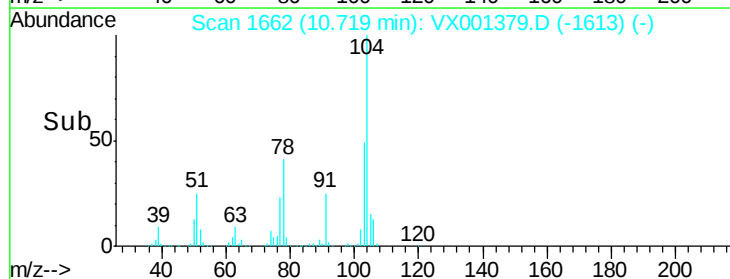
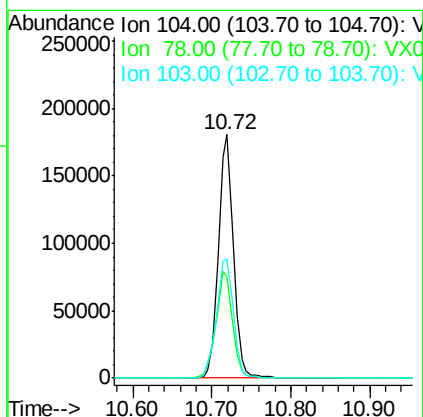
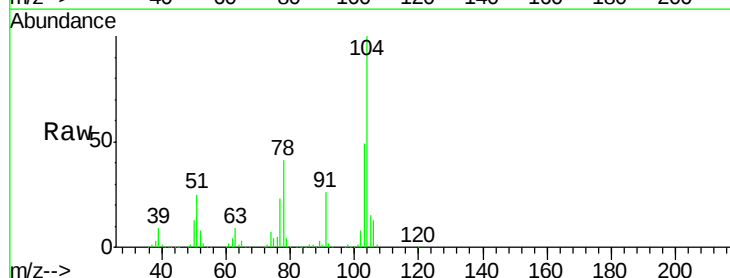
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

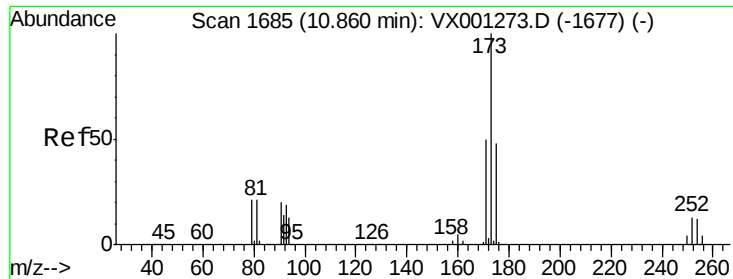
Tgt Ion:106 Resp: 141303
Ion Ratio Lower Upper
106 100
91 208.2 106.3 319.0



#70
Styrene
Concen: 48.80 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001379.D
Acq: 04 May 2018 04:44

Tgt Ion:104 Resp: 241287
Ion Ratio Lower Upper
104 100
78 48.2 40.1 60.1
103 55.6 44.5 66.7





#71

Bromoform

Concen: 50.68 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

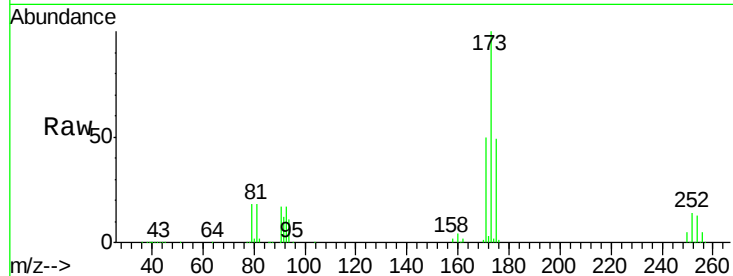
Tgt Ion:173 Resp: 81793

Ion Ratio Lower Upper

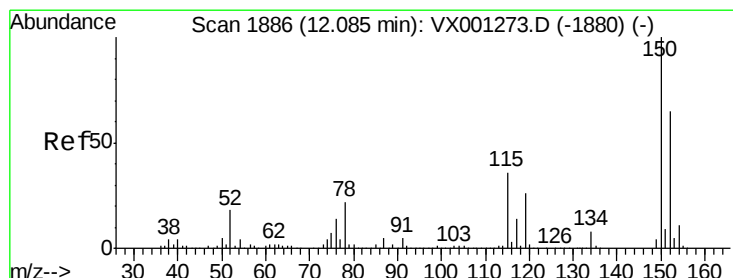
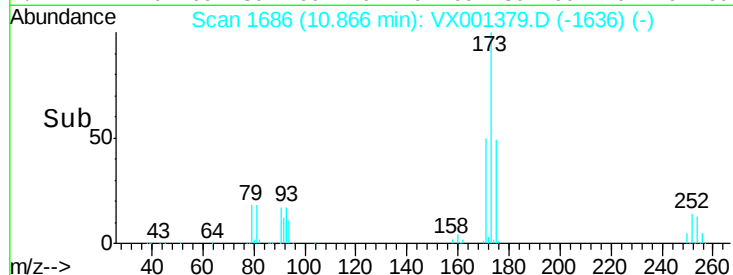
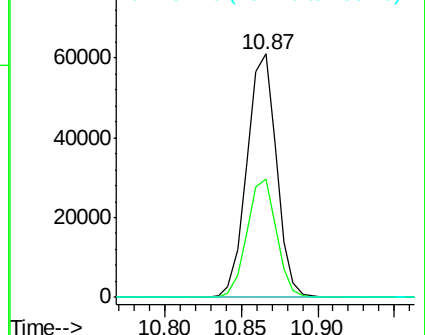
173 100

175 48.5 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: VX001379.D

Acq: 04 May 2018 04:44

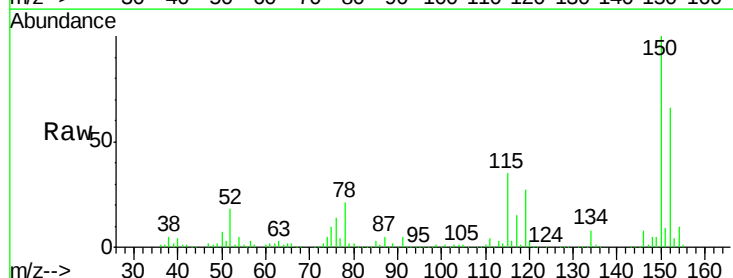
Tgt Ion:152 Resp: 115779

Ion Ratio Lower Upper

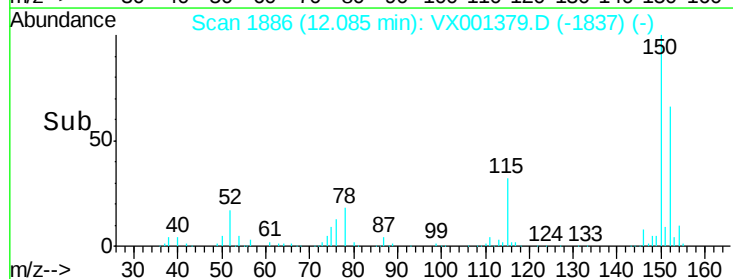
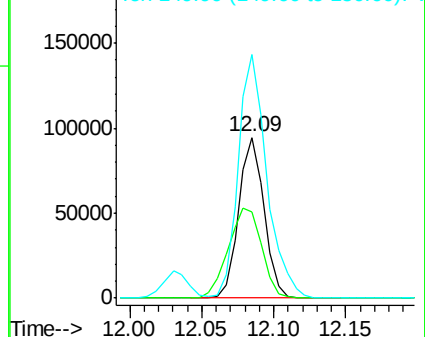
152 100

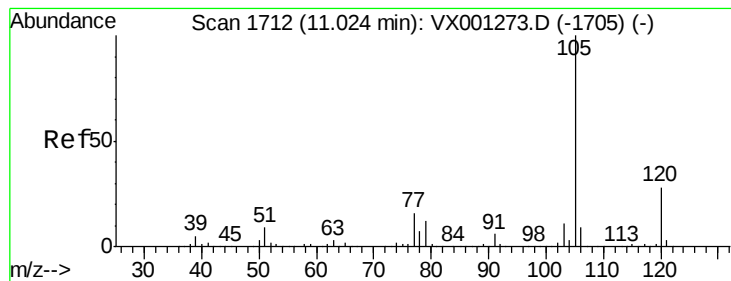
115 74.5 38.6 115.7

150 171.4 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: 45.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

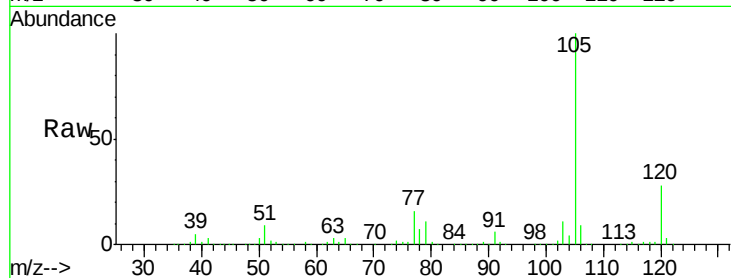
VSTDCCC050

Tgt Ion: 105 Resp: 352831

Ion Ratio Lower Upper

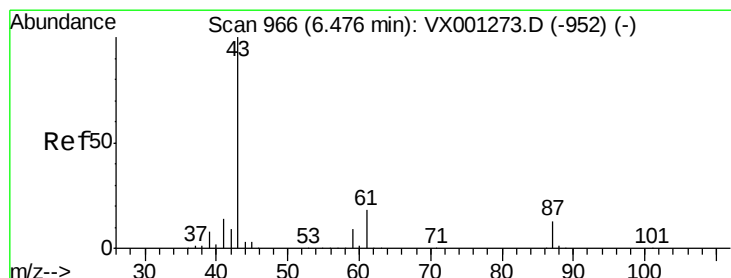
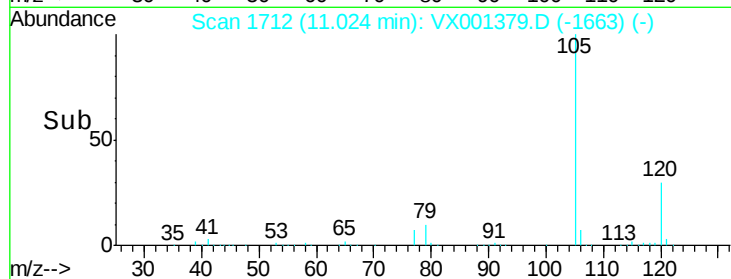
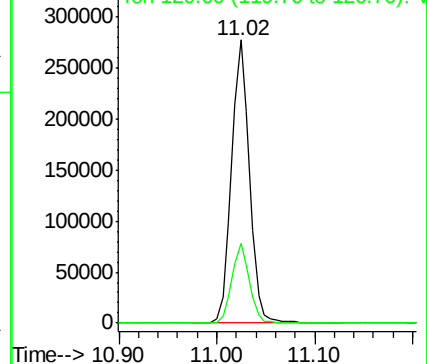
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Tgt Ion: 43 Resp: 200343

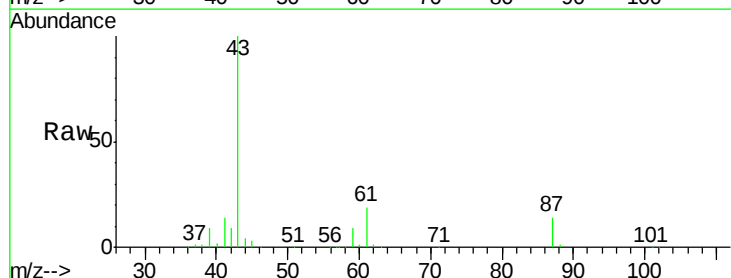
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.9 15.0 22.4

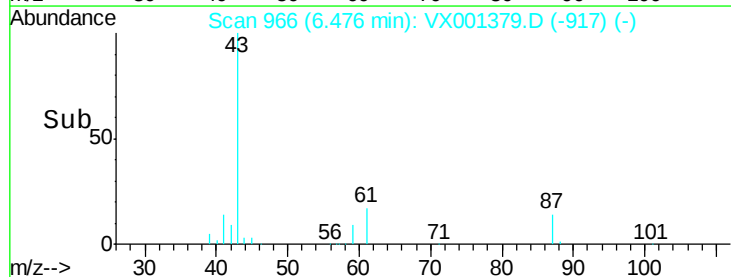
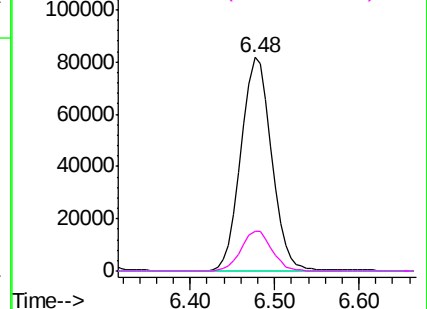


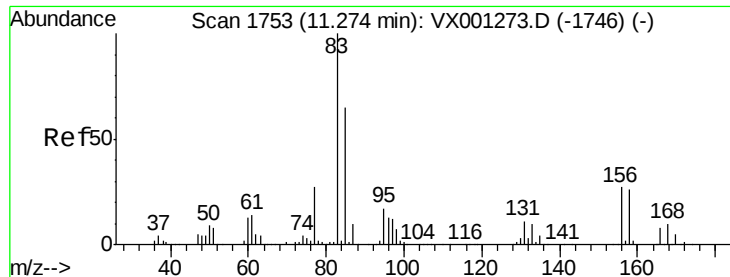
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 56.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

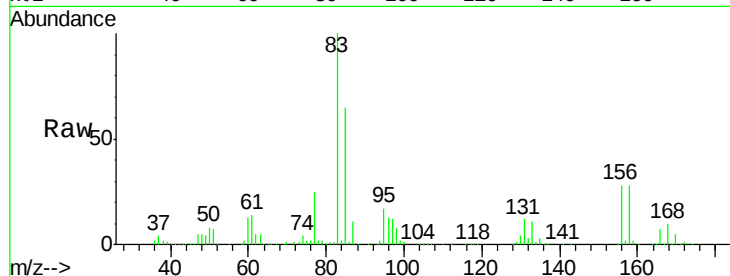
Tgt Ion: 83 Resp: 131773

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

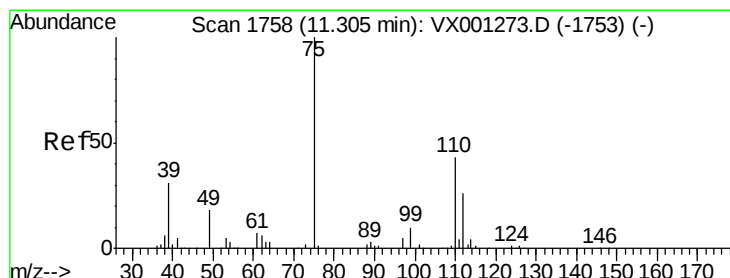
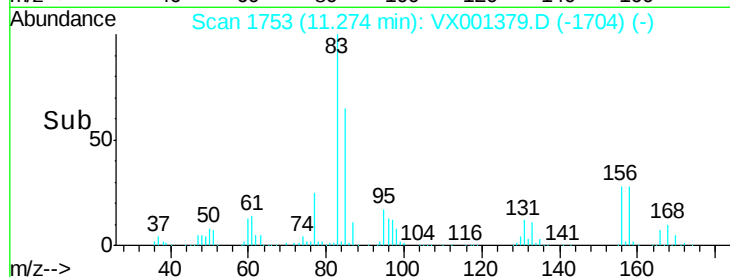
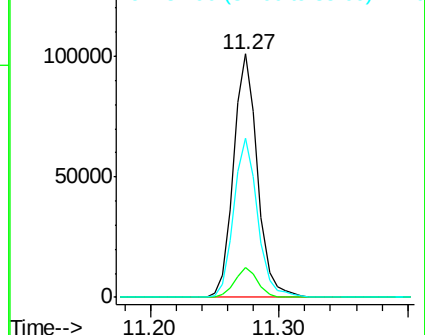
85 65.4 32.6 97.7



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: 69.44 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001379.D

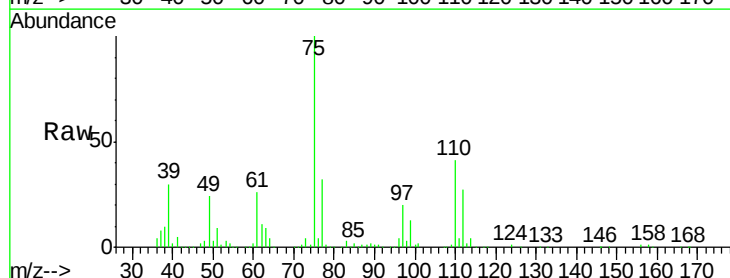
Acq: 04 May 2018 04:44

Tgt Ion: 75 Resp: 148672

Ion Ratio Lower Upper

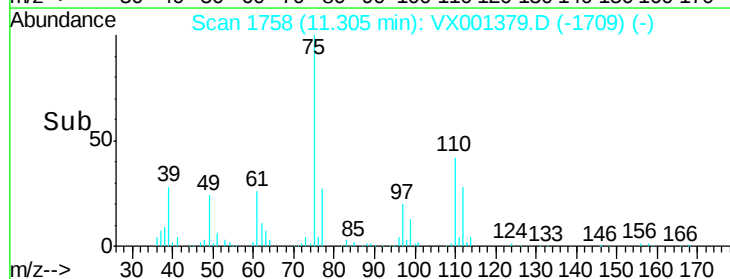
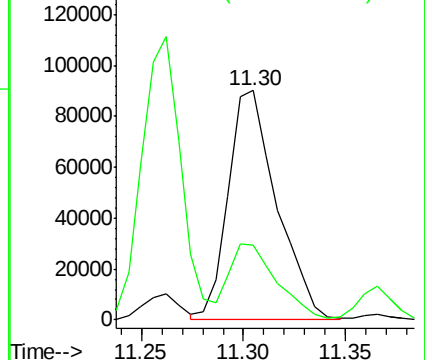
75 100

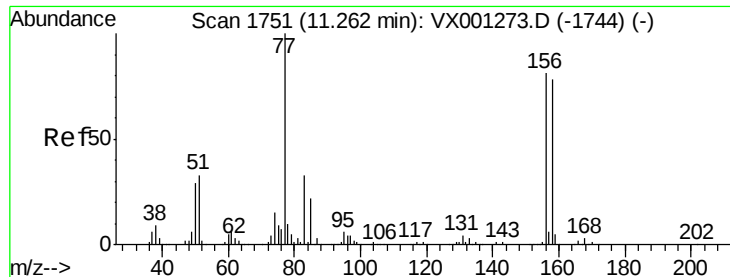
77 31.9 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

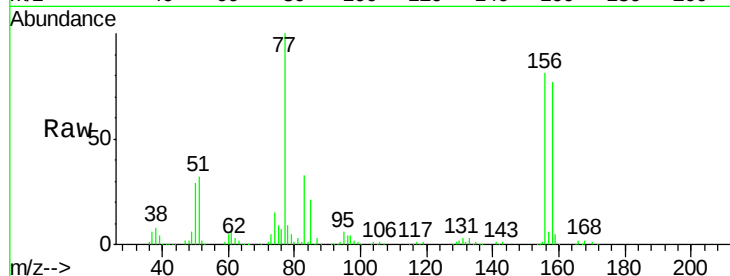
Tgt Ion:156 Resp: 116512

Ion Ratio Lower Upper

156 100

77 127.9 65.3 195.8

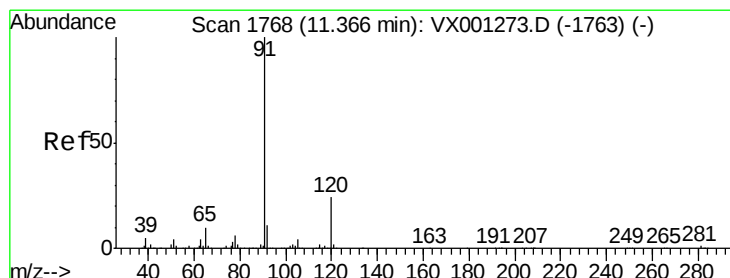
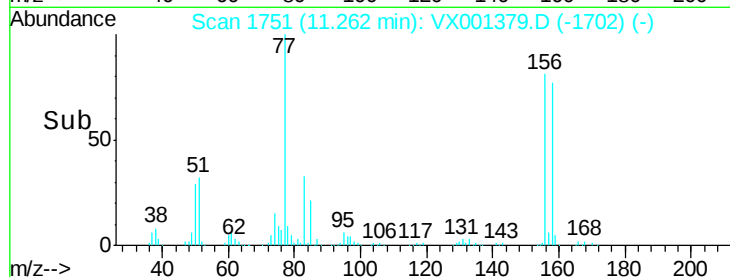
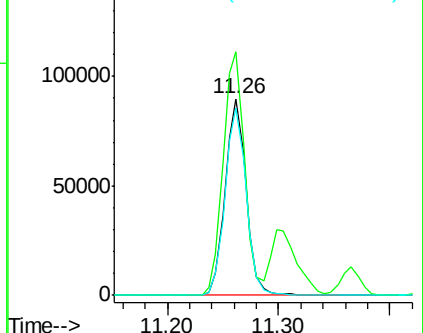
158 96.4 48.5 145.5



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: 44.66 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001379.D

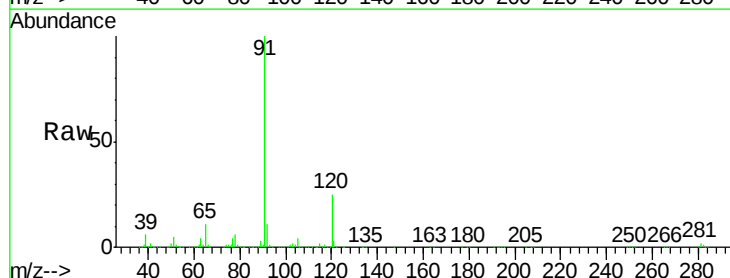
Acq: 04 May 2018 04:44

Tgt Ion: 91 Resp: 384466

Ion Ratio Lower Upper

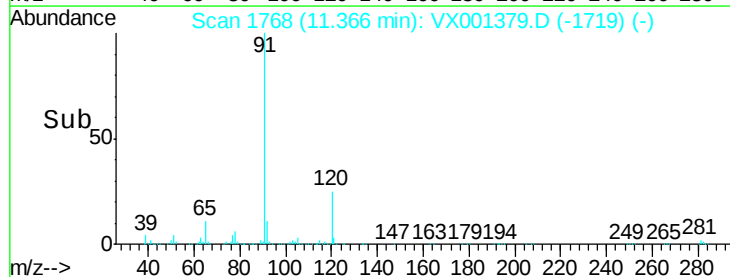
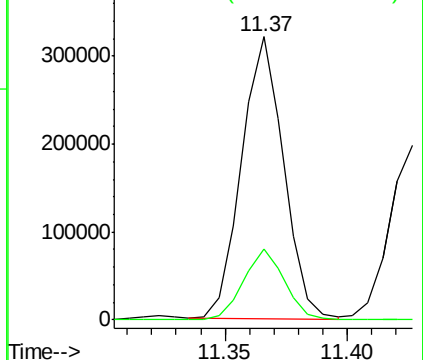
91 100

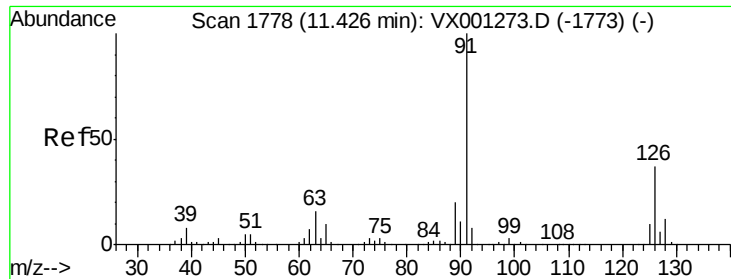
120 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

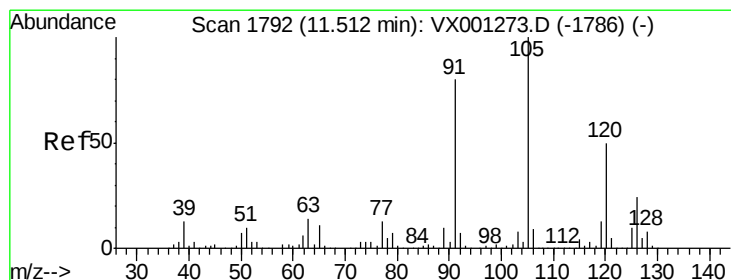
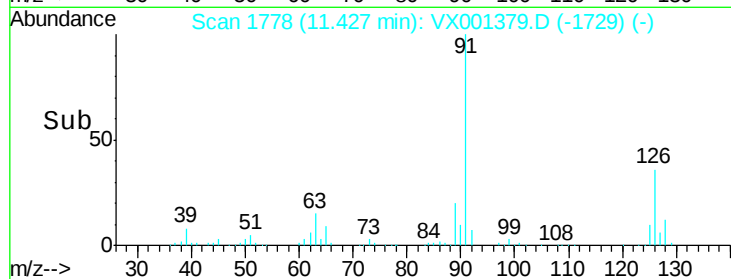
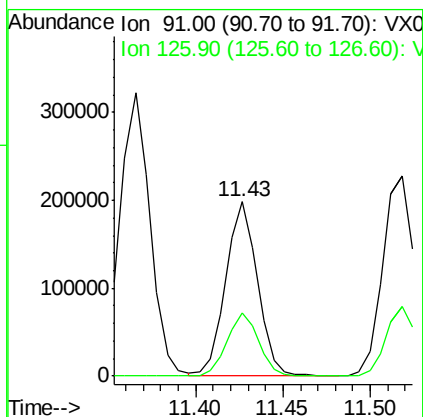
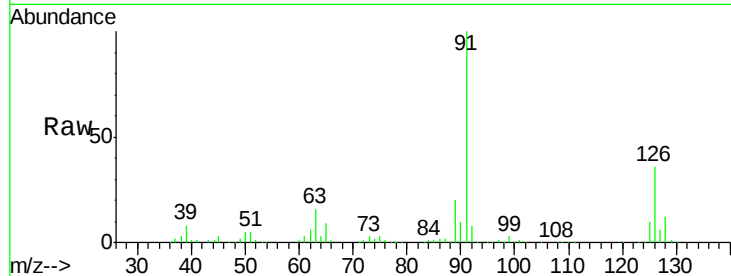




#79
 2-Chlorotoluene
 Concen: 47.66 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

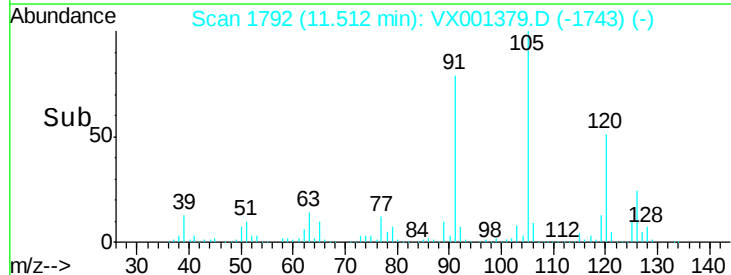
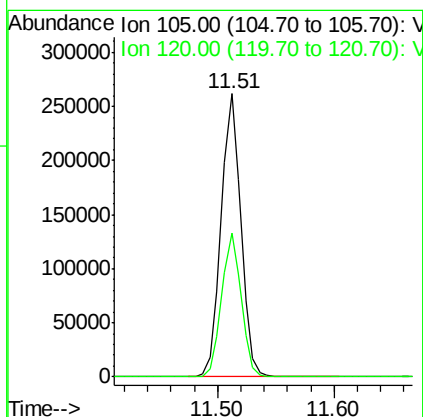
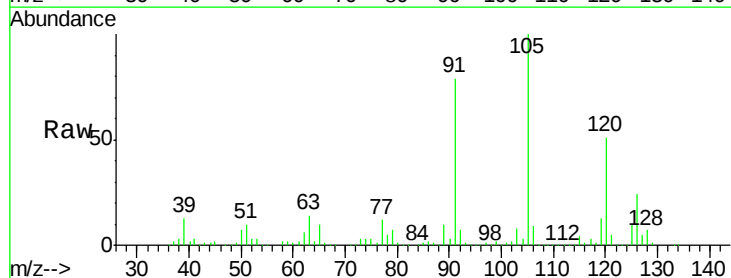
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

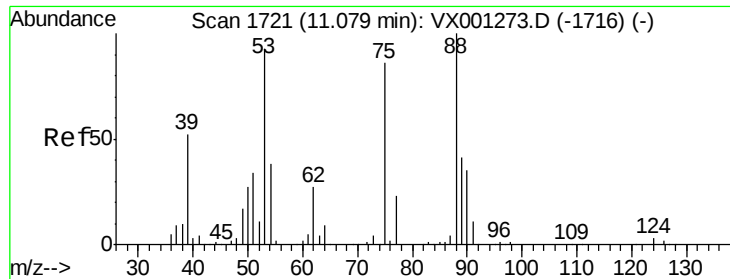
Tgt Ion: 91 Resp: 247555
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 47.02 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 105 Resp: 305897
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 40.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

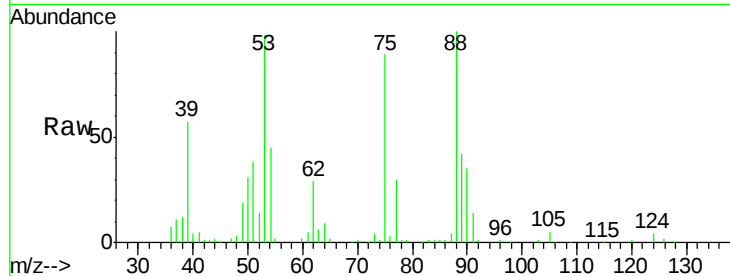
Tgt Ion: 75 Resp: 26295

Ion Ratio Lower Upper

75 100

53 115.7 87.1 130.7

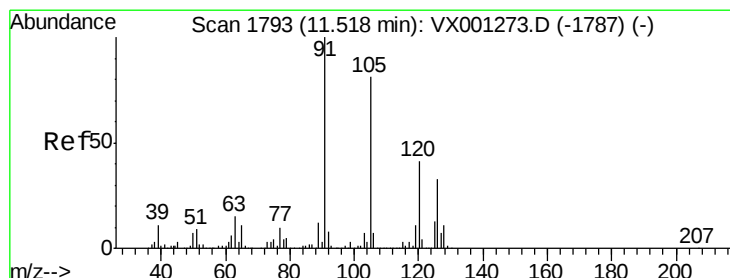
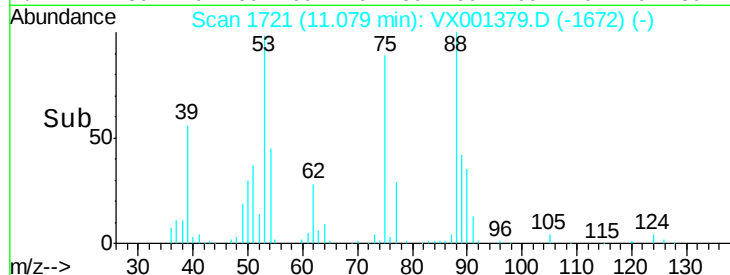
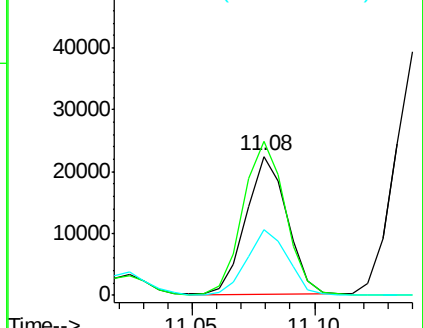
89 47.2 38.9 58.3



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: 46.45 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001379.D

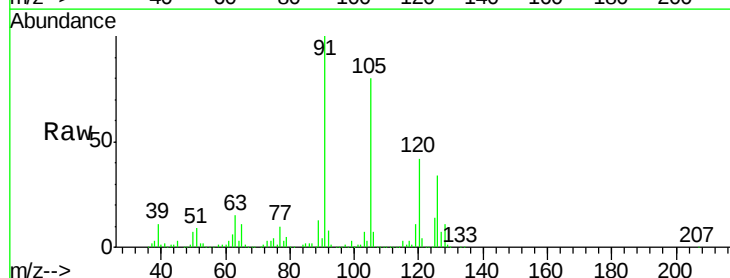
Acq: 04 May 2018 04:44

Tgt Ion: 91 Resp: 290181

Ion Ratio Lower Upper

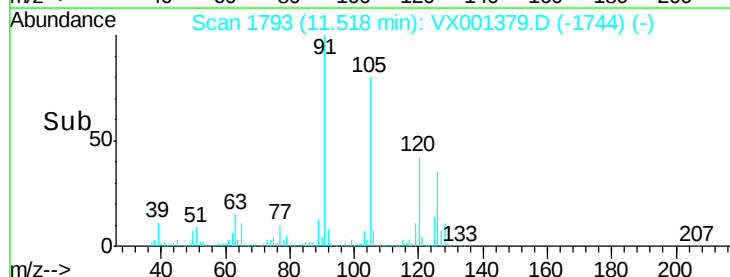
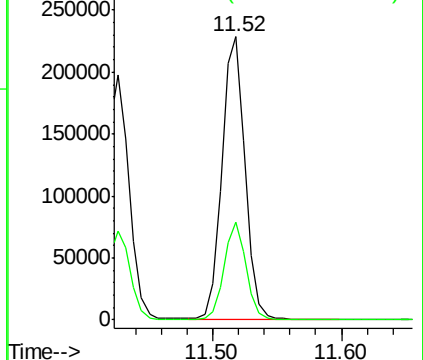
91 100

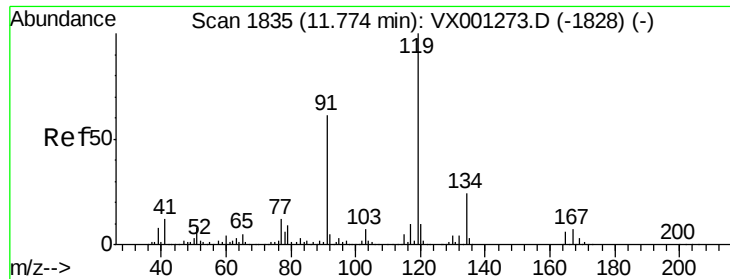
126 32.8 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

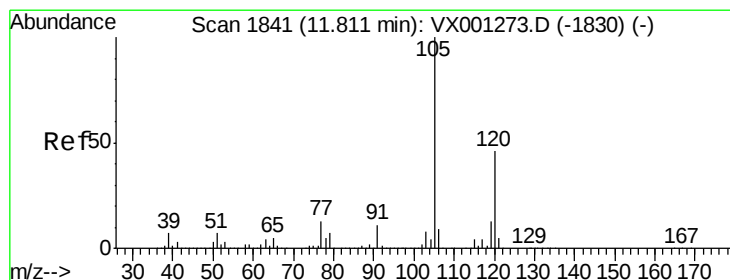
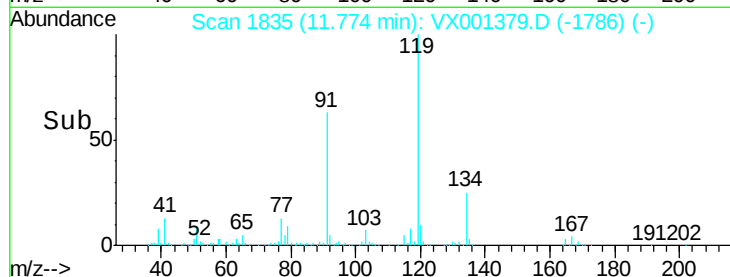
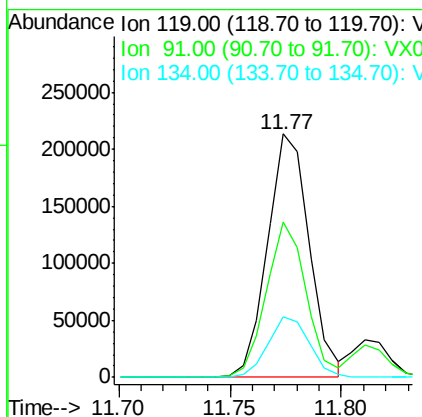
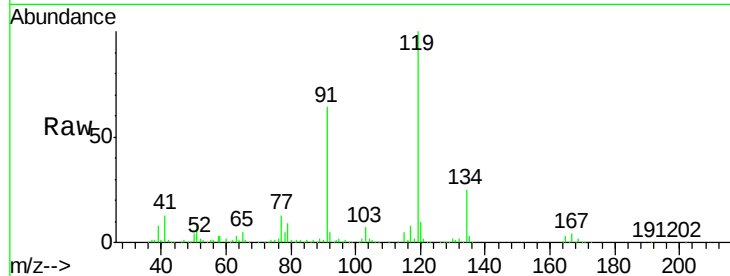




#83
 tert-Butylbenzene
 Concen: 42.87 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

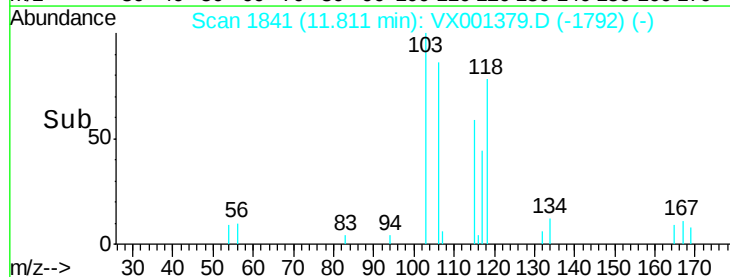
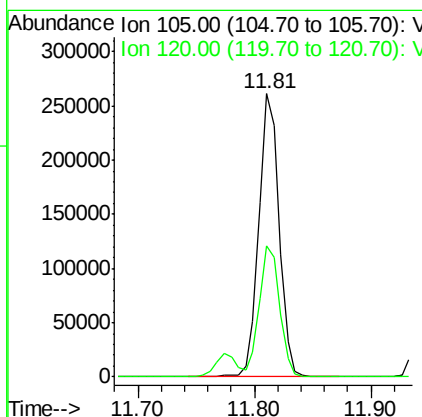
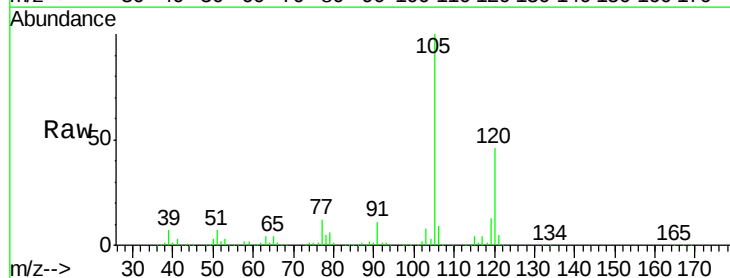
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

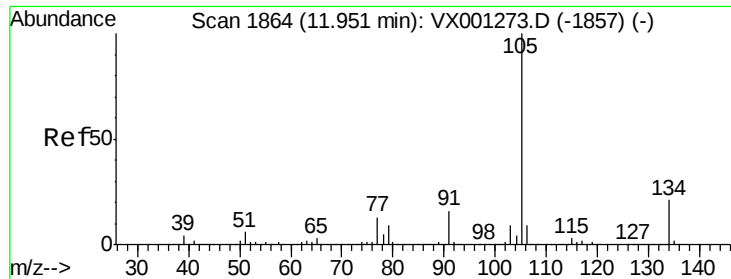
Tgt Ion:119 Resp: 278042
 Ion Ratio Lower Upper
 119 100
 91 61.0 28.1 84.3
 134 24.6 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 48.13 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion:105 Resp: 320789
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.7 68.1

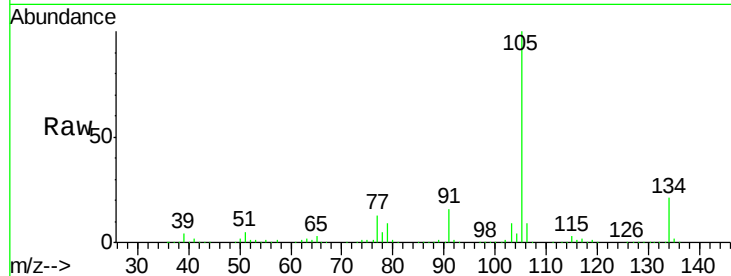




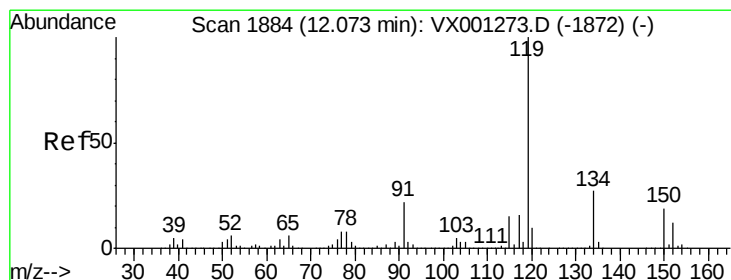
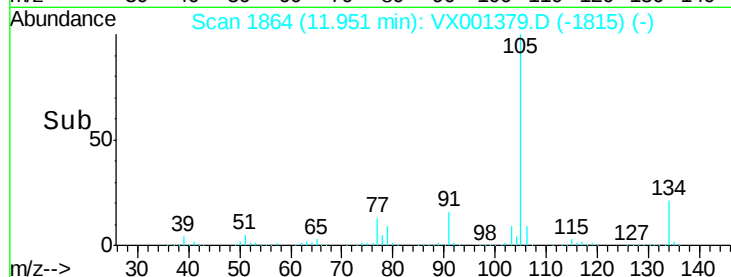
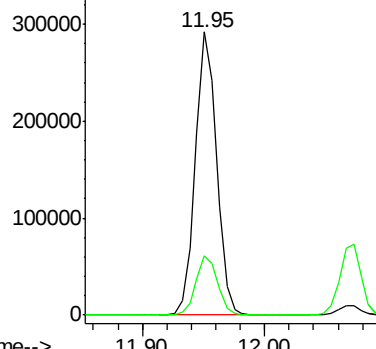
#85
 sec-Butylbenzene
 Concen: 45.20 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 350762
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9

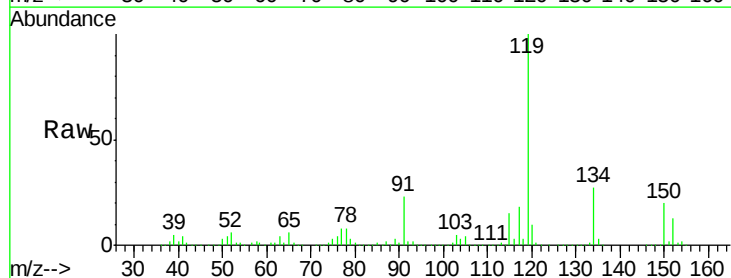


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

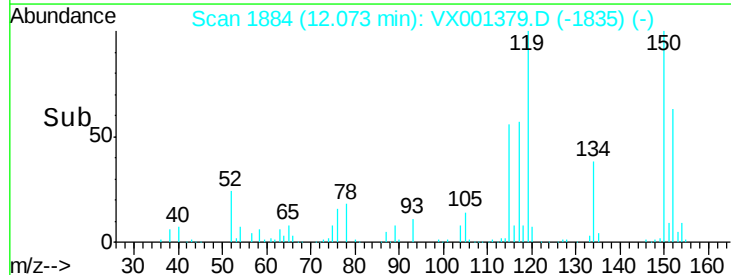
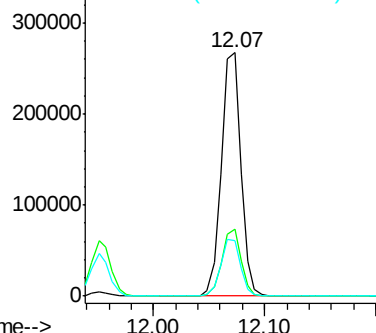


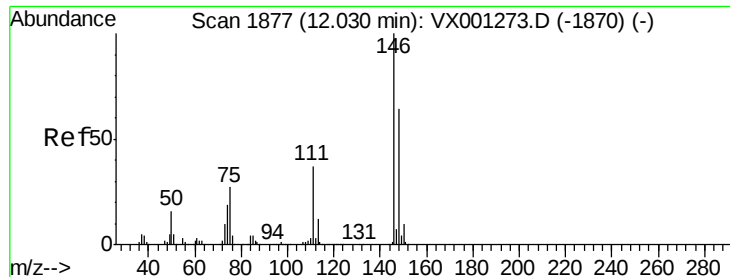
#86
 p-Isopropyltoluene
 Concen: 45.81 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion:119 Resp: 326139
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 23.3 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.67 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

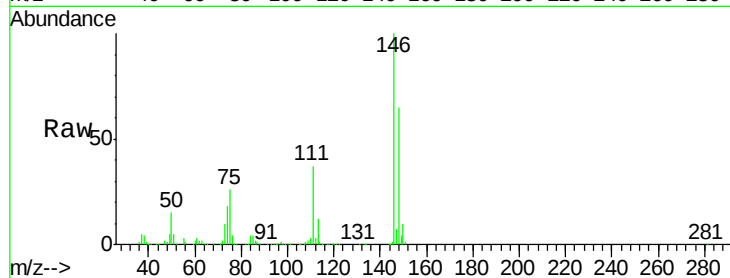
Tgt Ion:146 Resp: 194693

Ion Ratio Lower Upper

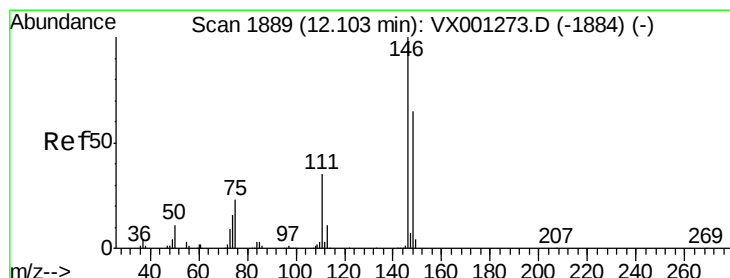
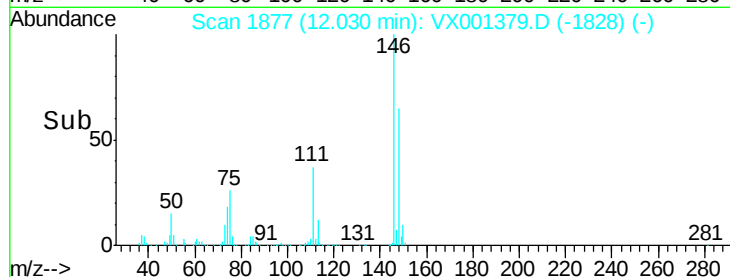
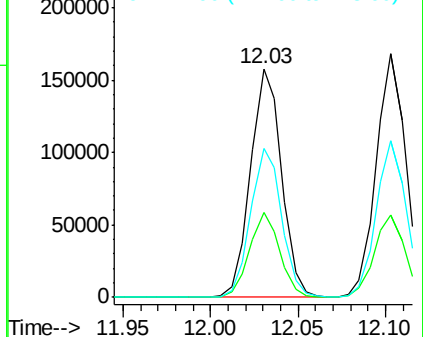
146 100

111 36.0 18.4 55.2

148 65.4 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 46.25 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

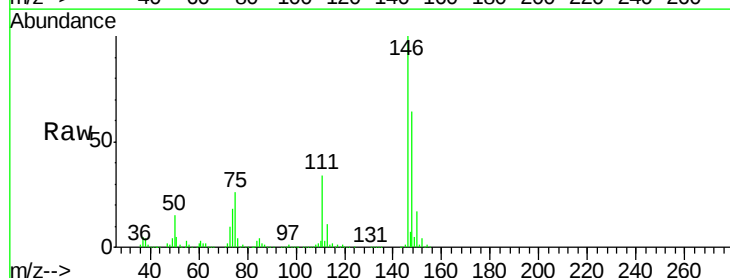
Tgt Ion:146 Resp: 198901

Ion Ratio Lower Upper

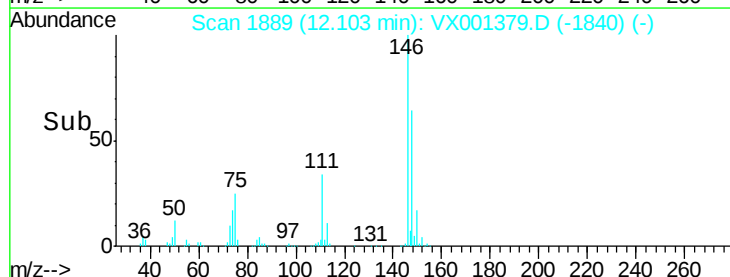
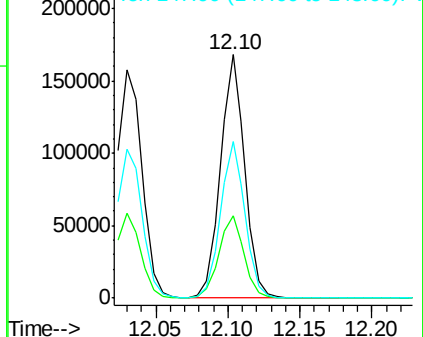
146 100

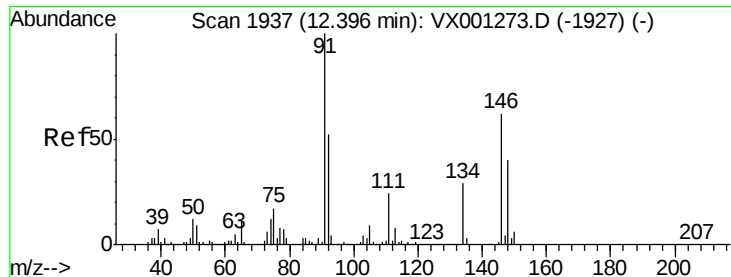
111 35.0 17.9 53.7

148 65.1 32.3 96.8



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





#89

n-Butylbenzene

Concen: 42.48 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

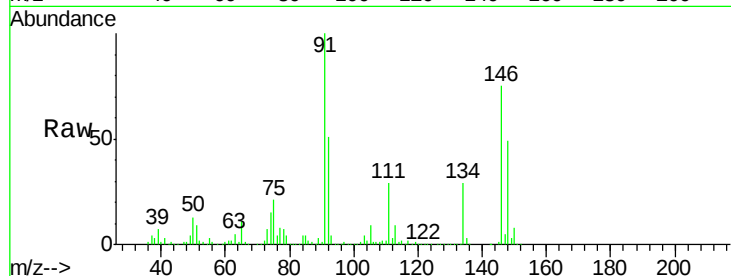
Tgt Ion: 91 Resp: 263970

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

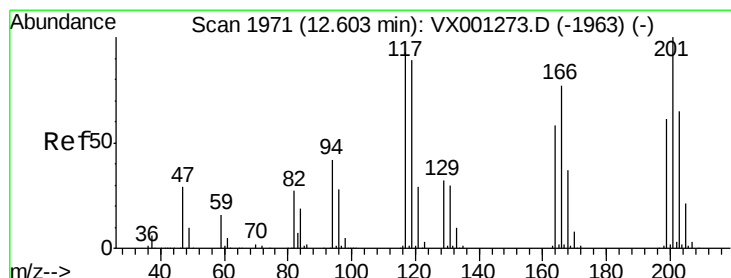
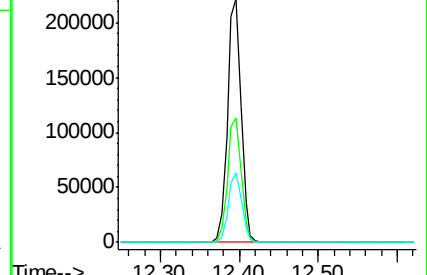
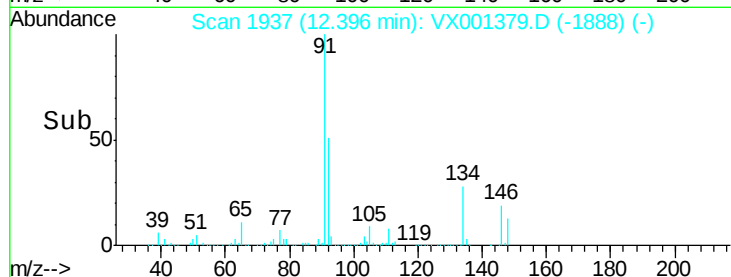
134 28.1 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX001379.D (-1927) (-)

Ion 92.00 (91.70 to 92.70): VX001379.D (-1927) (-)

Ion 134.00 (133.70 to 134.70): VX001379.D (-1927) (-)



#90

Hexachloroethane

Concen: 46.16 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001379.D

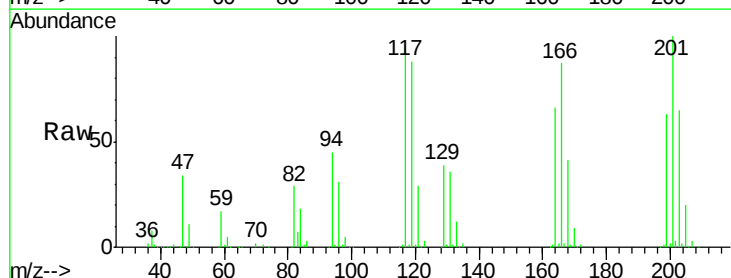
Acq: 04 May 2018 04:44

Tgt Ion: 117 Resp: 47585

Ion Ratio Lower Upper

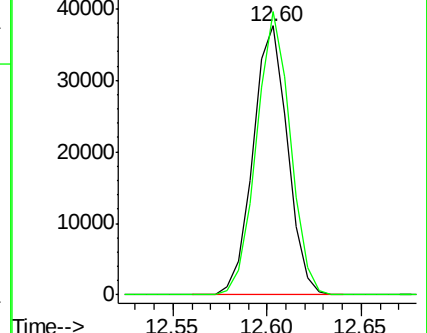
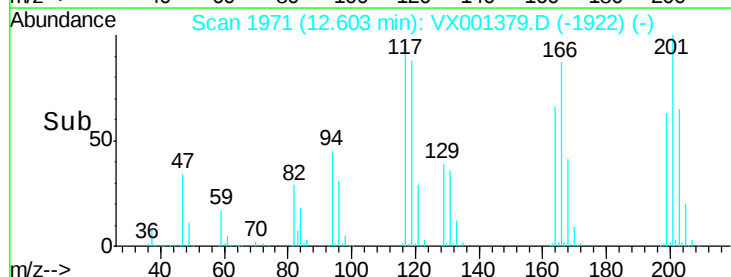
117 100

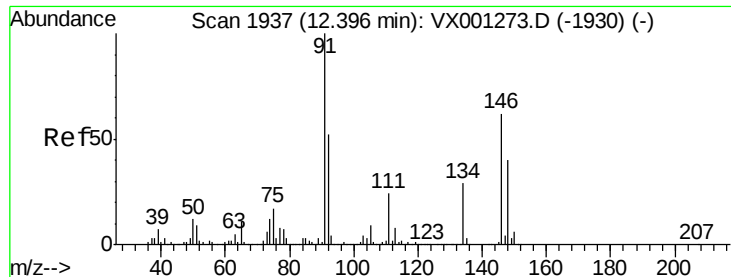
201 103.3 51.6 154.8



Abundance Ion 116.80 (116.50 to 117.50): VX001379.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001379.D (-1963) (-)

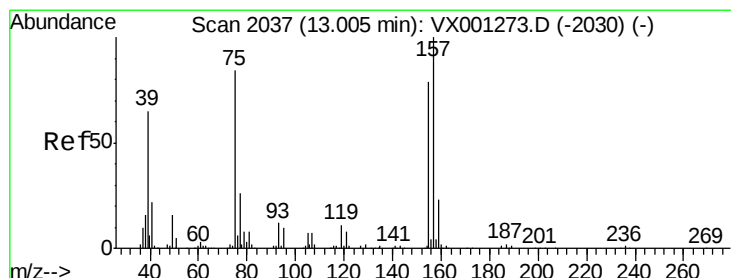
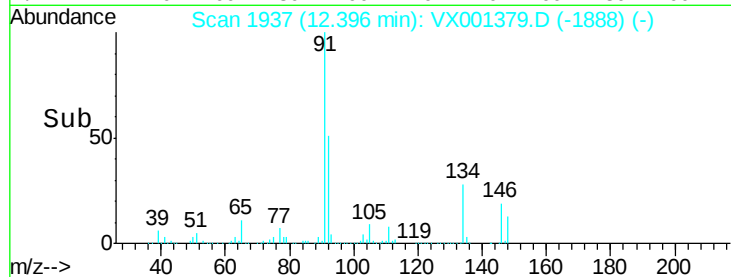
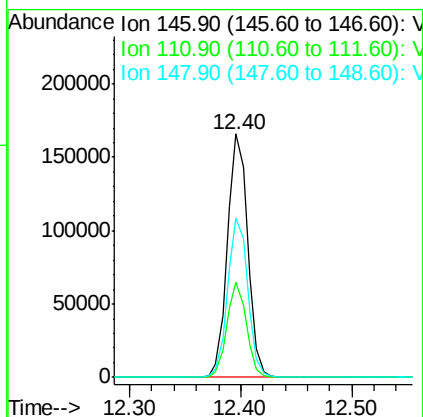
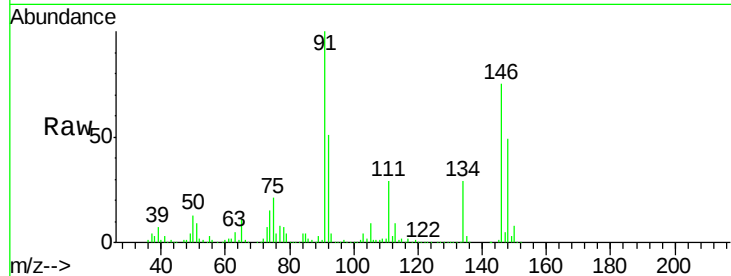




#91
 1,2-Dichlorobenzene
 Concen: 50.43 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

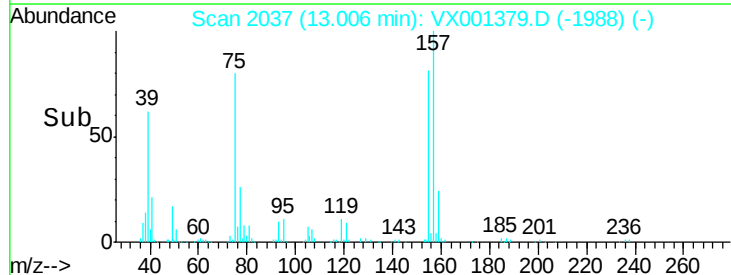
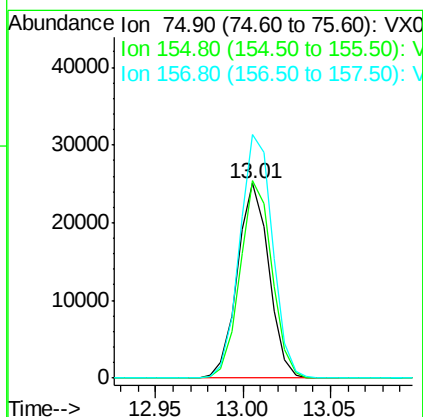
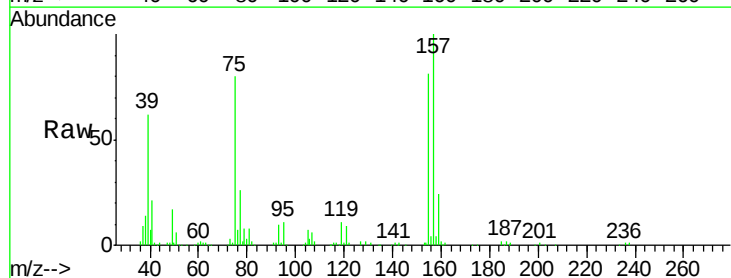
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

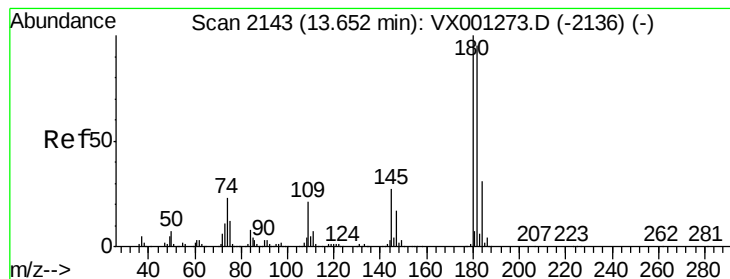
Tgt Ion:146 Resp: 209331
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 66.66 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001379.D
 Acq: 04 May 2018 04:44

Tgt Ion: 75 Resp: 31261
 Ion Ratio Lower Upper
 75 100
 155 102.3 49.9 149.7
 157 130.5 63.7 191.1





#93

1,2,4-Trichlorobenzene

Concen: 44.14 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

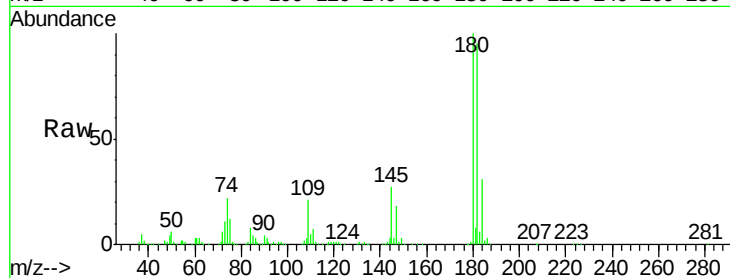
Tgt Ion:180 Resp: 147417

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

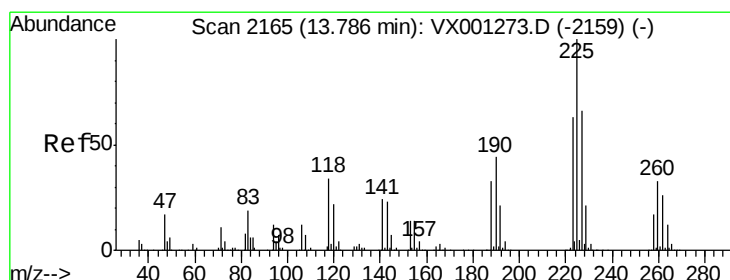
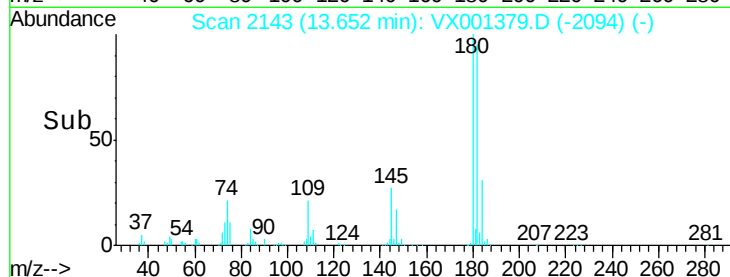
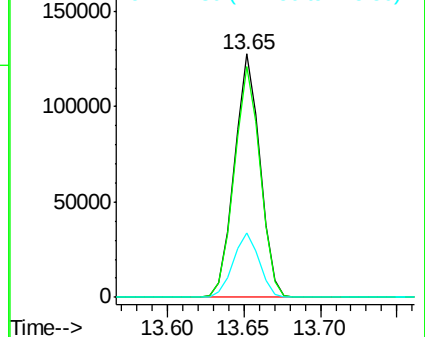
145 26.9 13.5 40.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 41.83 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

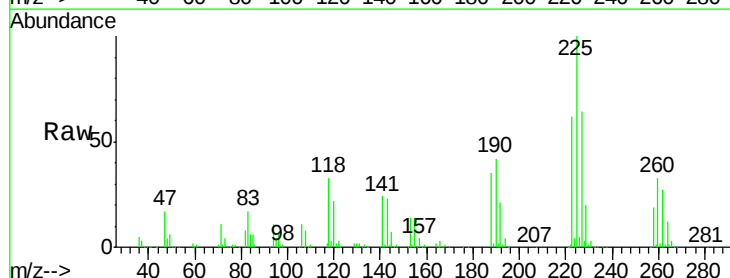
Tgt Ion:225 Resp: 73083

Ion Ratio Lower Upper

225 100

223 62.7 31.4 94.0

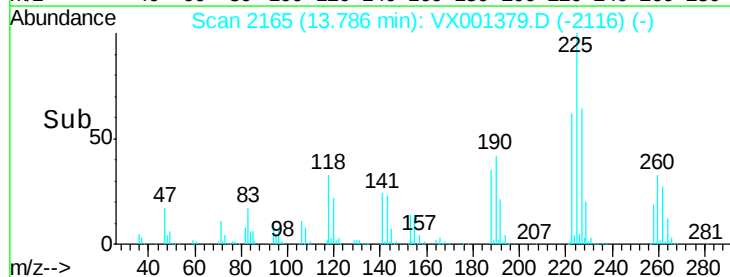
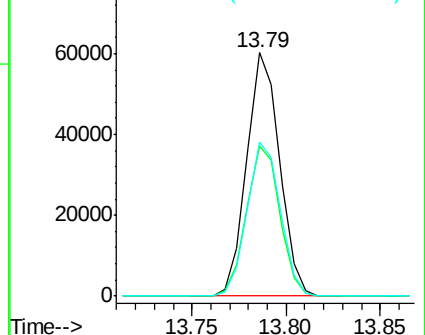
227 64.0 32.5 97.5

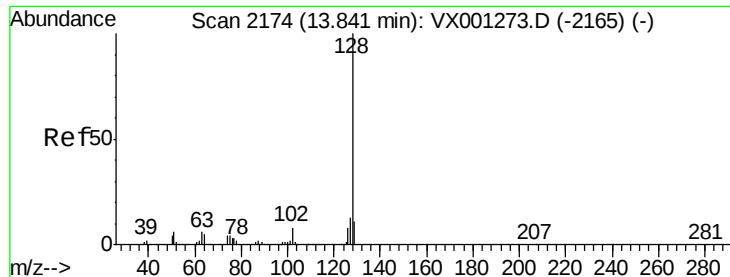


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 56.85 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

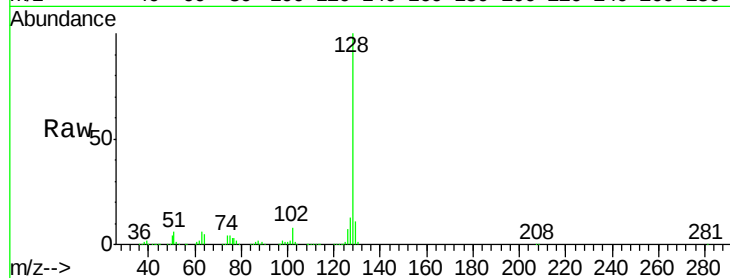
Tgt Ion:128 Resp: 481717

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

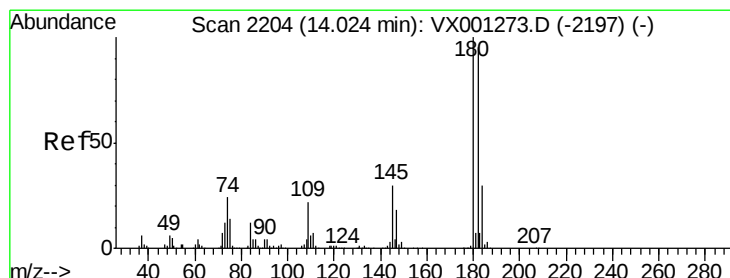
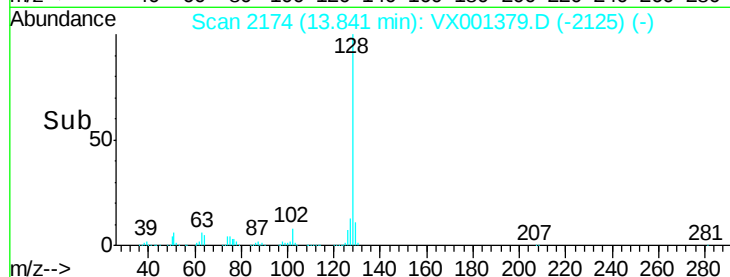
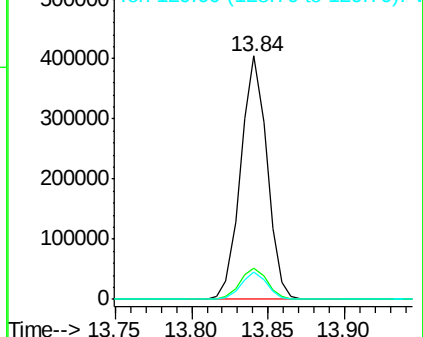
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.80 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001379.D

Acq: 04 May 2018 04:44

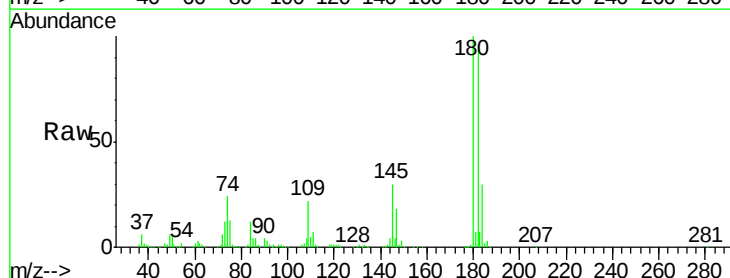
Tgt Ion:180 Resp: 159979

Ion Ratio Lower Upper

180 100

182 96.9 48.1 144.3

145 28.7 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

