

Data File : VX001276.D

Acq On : 01 May 2018 13:39

Operator : JC/MD

Sample : VSTDICV050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Quant Time: May 02 01:57:21 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	222750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	280375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144119	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.51	113	121414	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.72	98	458958	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.14	95	181804	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137203	55.68	ug/l	96
3) Chloromethane	1.32	50	133175	55.05	ug/l	98
4) Vinyl Chloride	1.40	62	128928	50.63	ug/l	99
5) Bromomethane	1.64	94	98430	51.90	ug/l	98
6) Chloroethane	1.72	64	76861	47.75	ug/l	100
7) Trichlorofluoromethane	1.93	101	217155	50.53	ug/l	99
8) Diethyl Ether	2.19	74	72323	49.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124444	50.22	ug/l	99
10) Methyl Iodide	2.51	142	120309	45.02	ug/l	100
11) Tert butyl alcohol	3.07	59	131641	248.15	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108072	48.37	ug/l	97
13) Acrolein	2.30	56	74157	242.78	ug/l	98
14) Allyl chloride	2.73	41	198019	50.65	ug/l	99
15) Acrylonitrile	3.15	53	296336	241.01	ug/l	100
16) Acetone	2.45	43	325959	247.65	ug/l	100
17) Carbon Disulfide	2.57	76	289850	49.79	ug/l	99
18) Methyl Acetate	2.78	43	153843	49.49	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	373227	49.04	ug/l	99
20) Methylene Chloride	2.86	84	117936	49.65	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	116648	47.96	ug/l	100
22) Diisopropyl ether	3.88	45	369977	49.14	ug/l	98
23) Vinyl Acetate	3.83	43	1591736	249.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192908	46.00	ug/l	100
25) 2-Butanone	4.71	43	432340	242.94	ug/l	99
26) 2,2-Dichloropropane	4.59	77	172768	50.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127070	47.54	ug/l	99
28) Bromochloromethane	5.03	49	98054	52.01	ug/l	100
29) Tetrahydrofuran	5.17	42	264127	241.32	ug/l	99
30) Chloroform	5.22	83	214436	48.37	ug/l	99
31) Cyclohexane	5.58	56	186692	49.29	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	194892	50.30	ug/l	99
36) 1,1-Dichloropropene	5.81	75	162494	50.22	ug/l	100
37) Ethyl Acetate	4.87	43	163964	50.18	ug/l	100
38) Carbon Tetrachloride	5.79	117	174782	51.56	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Quant Time: May 02 01:57:21 2018

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	203855	53.27	ug/l	99
40) Benzene	6.15	78	465159	49.97	ug/l	99
41) Methacrylonitrile	5.07	41	93183	48.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	177853	49.35	ug/l	100
43) Isopropyl Acetate	6.47	43	278496	52.65	ug/l	100
44) Trichloroethene	7.22	130	142693	50.08	ug/l	97
45) 1,2-Dichloropropane	7.53	63	117441	49.13	ug/l	99
46) Dibromomethane	7.67	93	83812	50.02	ug/l	99
47) Bromodichloromethane	7.90	83	159290	53.17	ug/l	99
48) Methyl methacrylate	7.78	41	145897	51.88	ug/l	99
49) 1,4-Dioxane	7.76	88	55311	1042.27	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	896417	262.85	ug/l	100
52) Toluene	8.79	92	311618	51.21	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	191650	53.79	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	183188	55.88	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	123934	50.42	ug/l	97
56) Ethyl methacrylate	9.19	69	186099	54.64	ug/l	99
57) 1,3-Dichloropropane	9.38	76	201102	50.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	435650	265.13	ug/l	100
59) 2-Hexanone	9.50	43	706518	265.06	ug/l	100
60) Dibromochloromethane	9.59	129	139938	54.58	ug/l	98
61) 1,2-Dibromoethane	9.68	107	133920	51.41	ug/l	99
64) Tetrachloroethene	9.34	164	153022	47.75	ug/l	97
65) Chlorobenzene	10.14	112	364986	49.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	135125	52.91	ug/l	100
67) Ethyl Benzene	10.26	91	620762	51.20	ug/l	98
68) m/p-Xylenes	10.37	106	499214	104.65	ug/l	99
69) o-Xylene	10.70	106	238820	51.62	ug/l	100
70) Styrene	10.71	104	399272	52.77	ug/l	100
71) Bromoform	10.86	173	117098	47.67	ug/l	99
73) Isopropylbenzene	11.02	105	654741	50.05	ug/l	100
74) N-amyl acetate	6.47	43	278496	49.63	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	193199	49.30	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	221348	61.22	ug/l	88
77) Bromobenzene	11.26	156	185197	49.08	ug/l	99
78) n-propylbenzene	11.37	91	753467	51.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	442306	50.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	571971	52.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52345	47.35	ug/l	99
82) 4-Chlorotoluene	11.52	91	536912	50.89	ug/l	100
83) tert-Butylbenzene	11.77	119	561974	51.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	586702	52.12	ug/l	99
85) sec-Butylbenzene	11.95	105	687957	52.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	641266	53.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	348165	49.42	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	354783	48.85	ug/l	100
89) n-Butylbenzene	12.39	91	570596	54.38	ug/l	100
90) Hexachloroethane	12.60	117	95957	55.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	343676	49.02	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41969	52.99	ug/l	97

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

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Instrument :
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Quant Time: May 02 01:57:21 2018
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Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

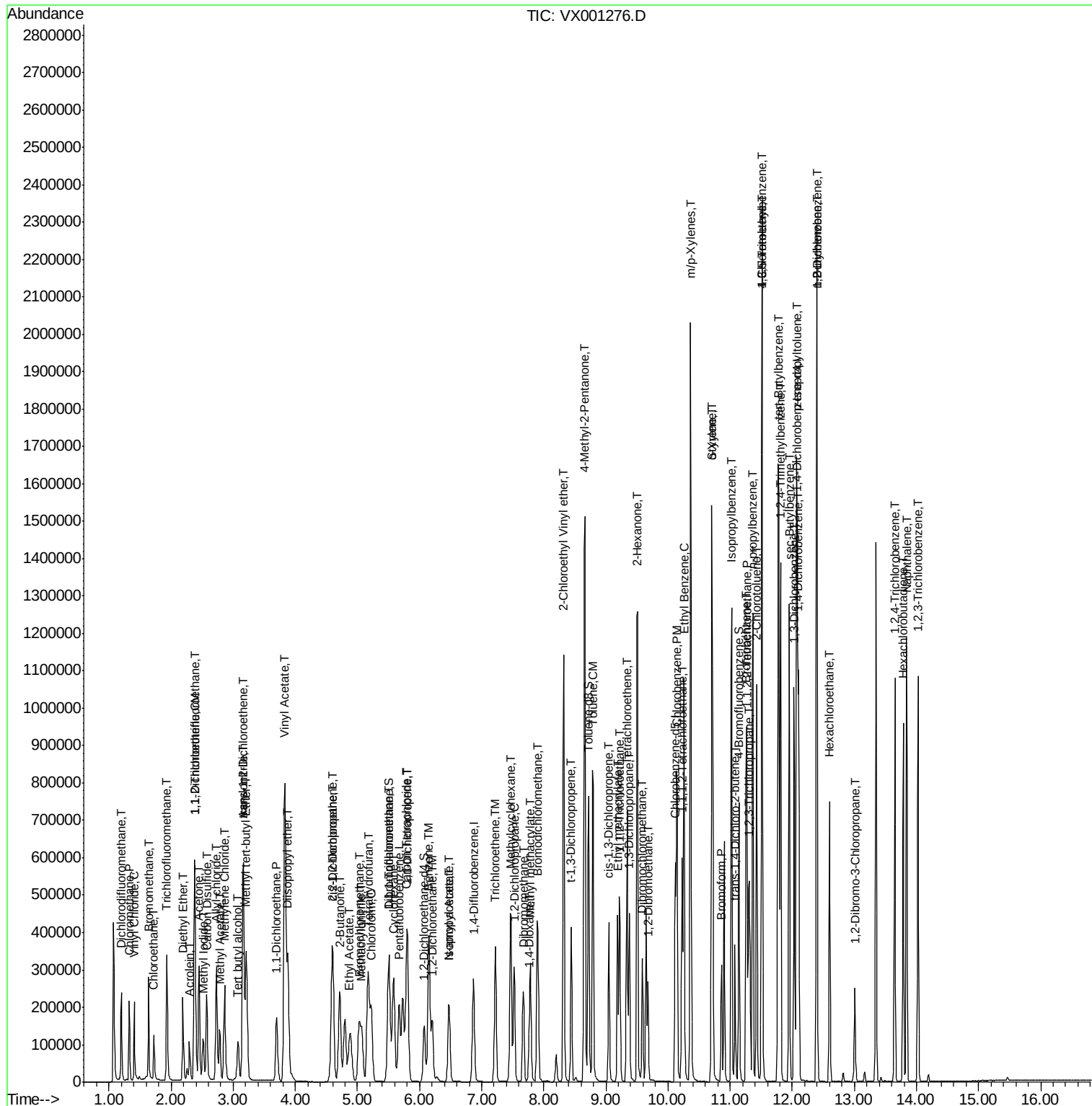
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281509	49.91	ug/l	99
94) Hexachlorobutadiene	13.79	225	150956	51.15	ug/l	100
95) Naphthalene	13.84	128	732050	51.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	276835	50.00	ug/l	99

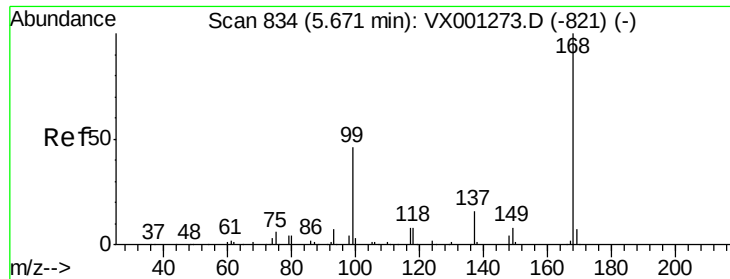
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 9      Sample Multiplier: 1
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ICVVX050118

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: VX001276.D

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Instrument :

MSVOA_X

ClientSampleId :

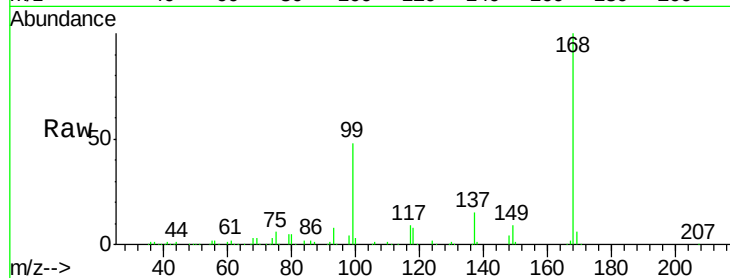
ICVVX050118

Tgt Ion:168 Resp: 222750

Ion Ratio Lower Upper

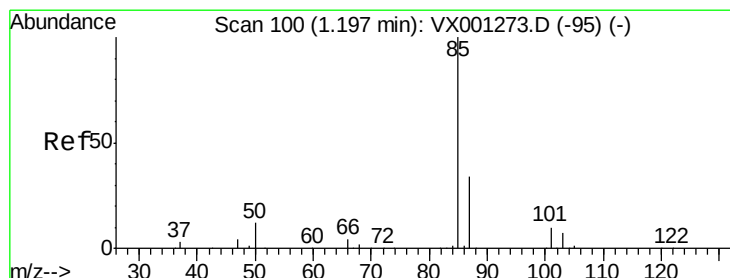
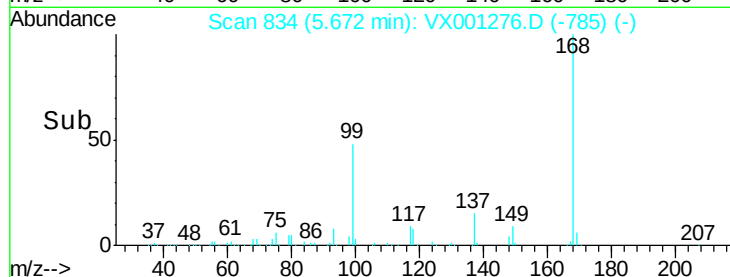
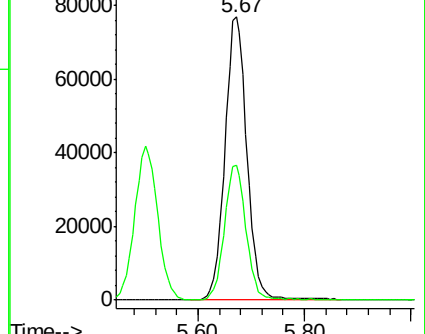
168 100

99 47.5 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.68 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001276.D

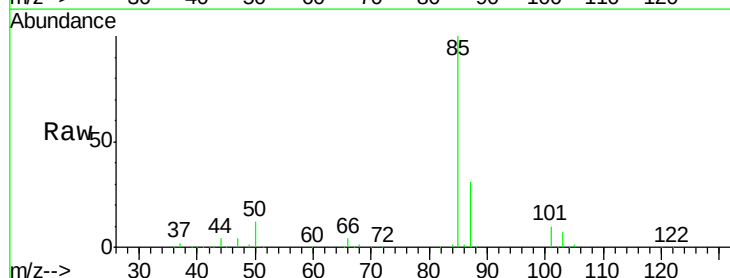
Acq: 01 May 2018 13:39

Tgt Ion: 85 Resp: 137203

Ion Ratio Lower Upper

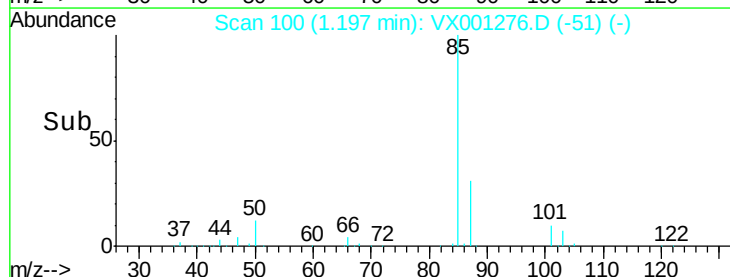
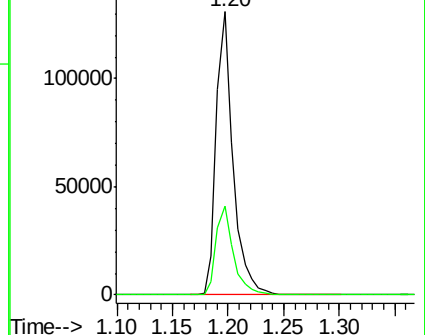
85 100

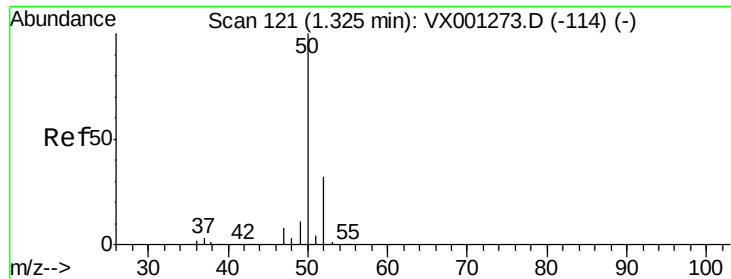
87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 55.05 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

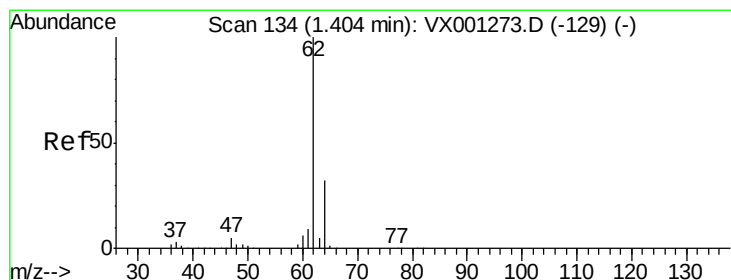
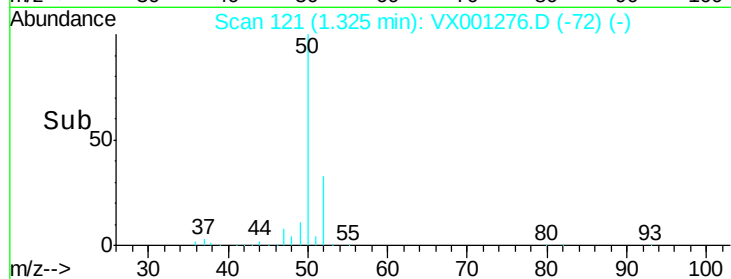
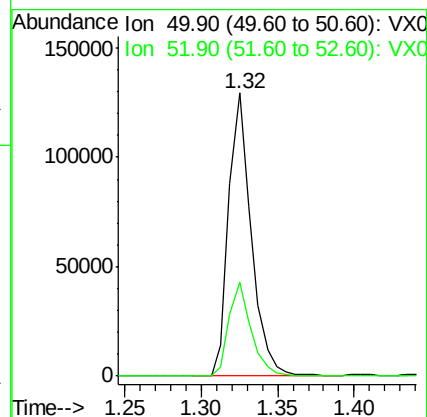
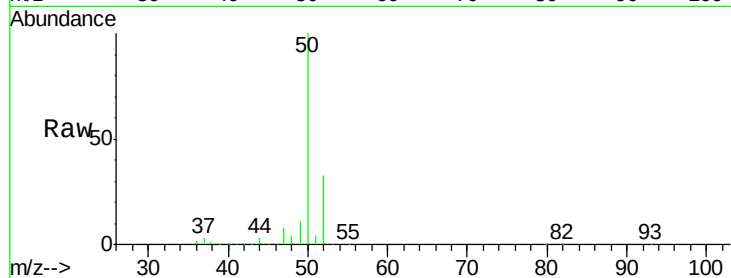
ICVVX050118

Tgt Ion: 50 Resp: 133175

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



#4

Vinyl Chloride

Concen: 50.63 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001276.D

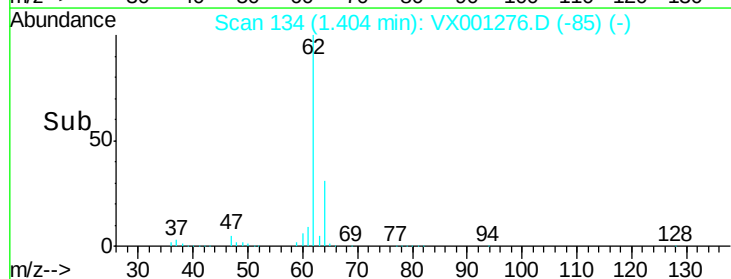
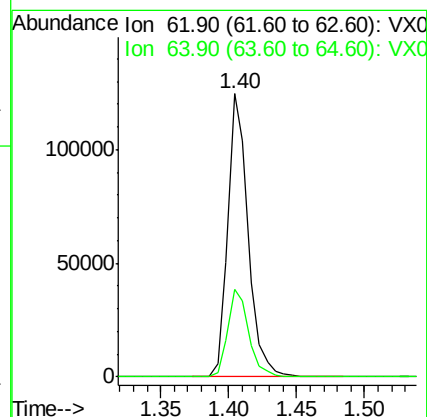
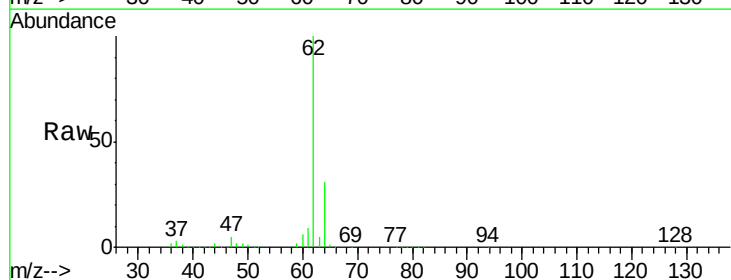
Acq: 01 May 2018 13:39

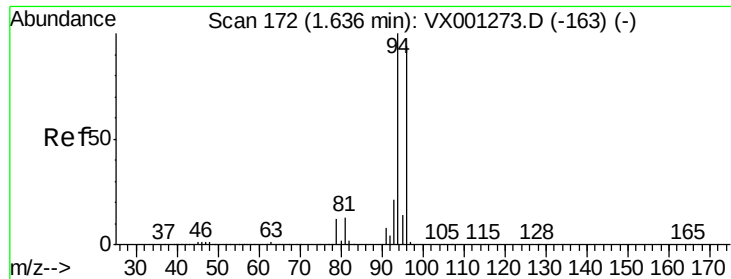
Tgt Ion: 62 Resp: 128928

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 51.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

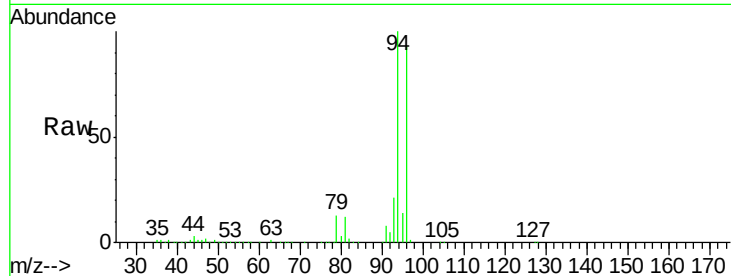
ICVVX050118

Tgt Ion: 94 Resp: 98430

Ion Ratio Lower Upper

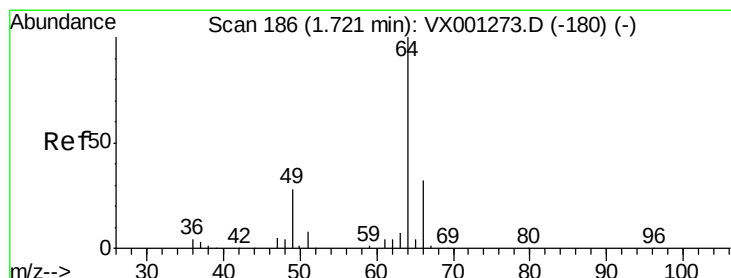
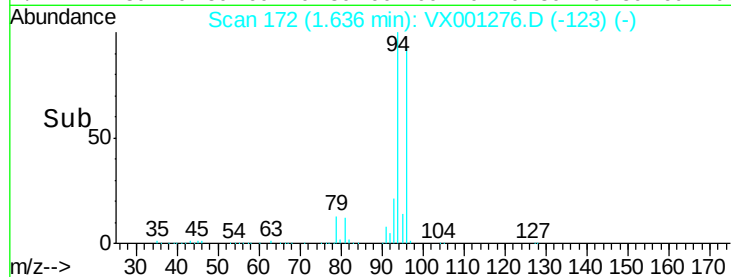
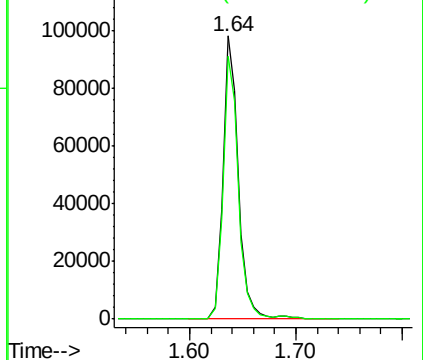
94 100

96 92.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.75 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001276.D

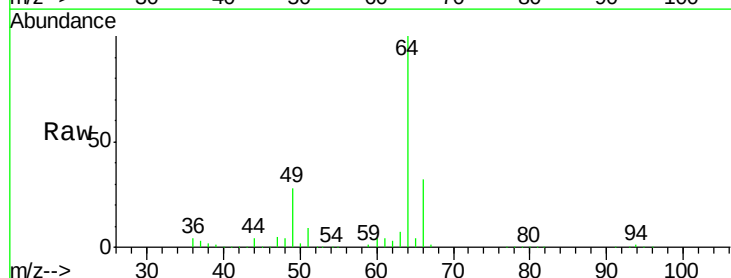
Acq: 01 May 2018 13:39

Tgt Ion: 64 Resp: 76861

Ion Ratio Lower Upper

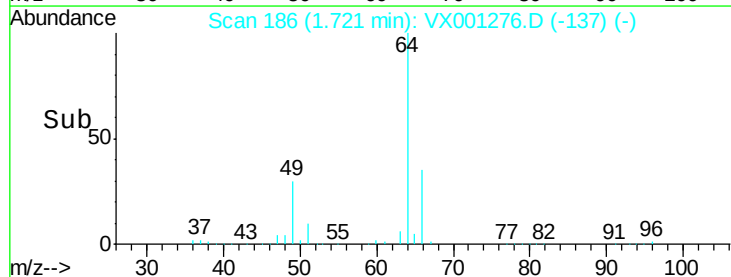
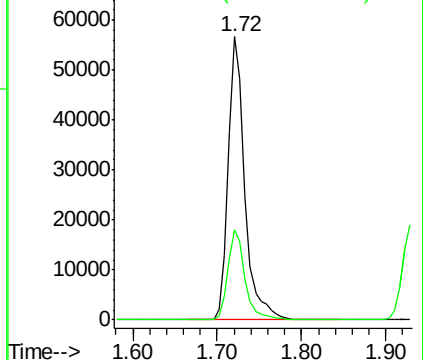
64 100

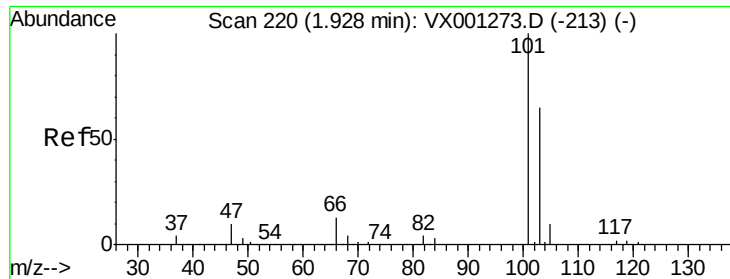
66 31.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 50.53 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

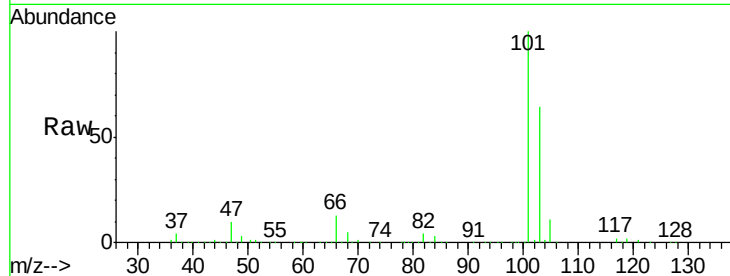
ICVVX050118

Tgt Ion:101 Resp: 217155

Ion Ratio Lower Upper

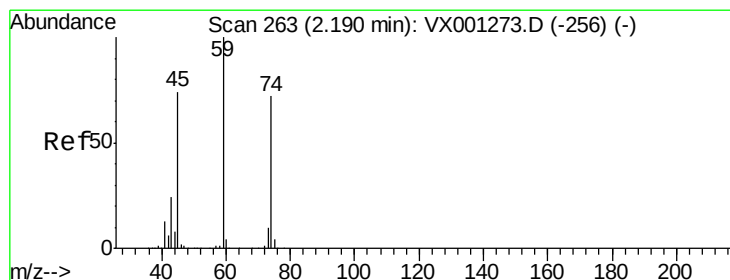
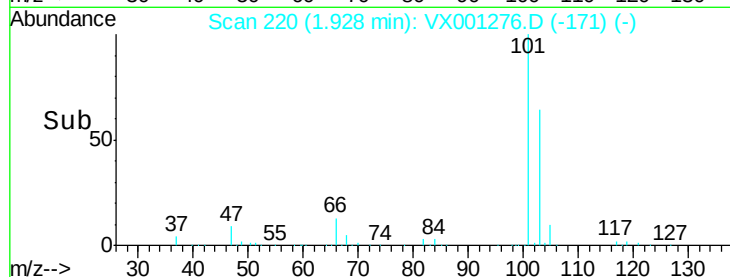
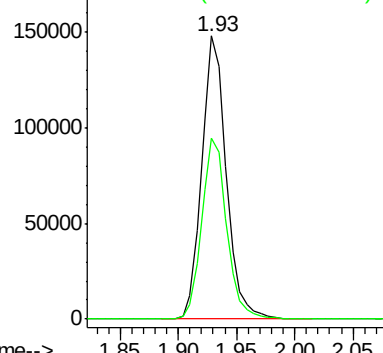
101 100

103 63.8 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.01 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001276.D

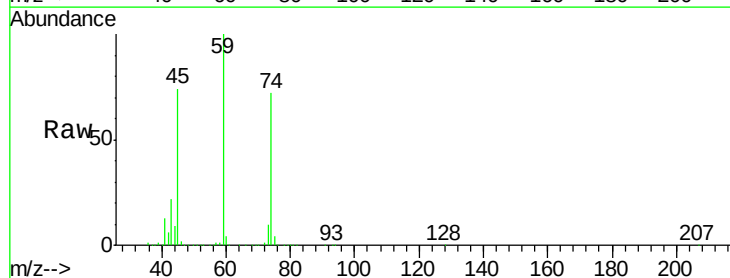
Acq: 01 May 2018 13:39

Tgt Ion: 74 Resp: 72323

Ion Ratio Lower Upper

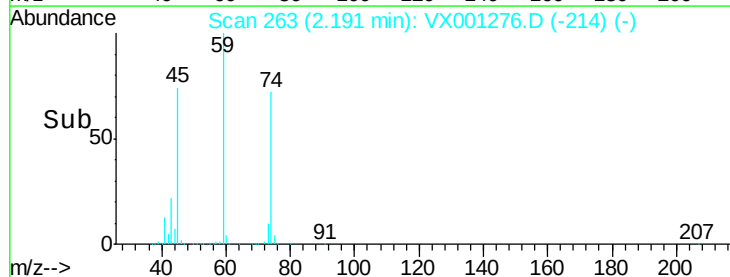
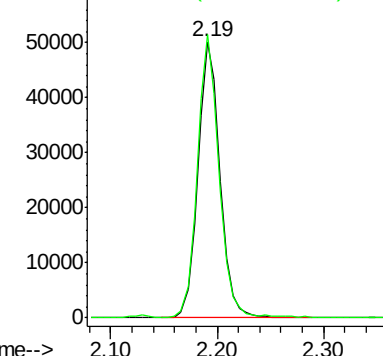
74 100

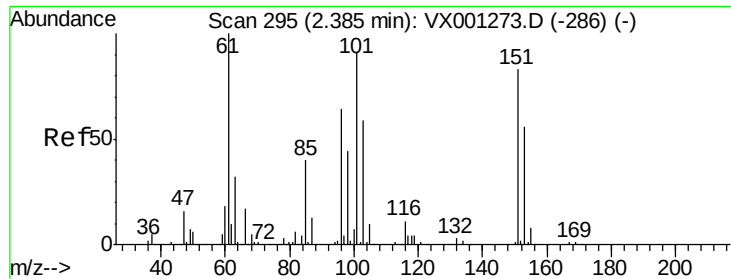
45 100.2 49.3 147.9



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: 50.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

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ClientSampleId :

ICVVX050118

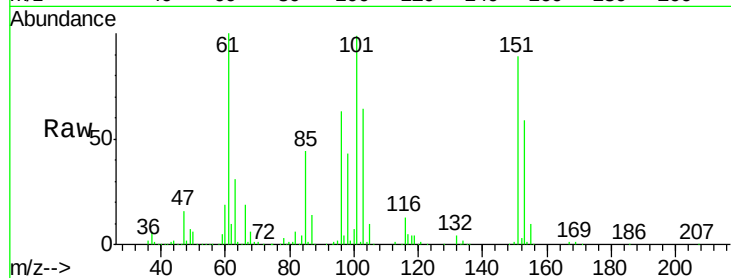
Tgt Ion:101 Resp: 124444

Ion Ratio Lower Upper

101 100

85 43.9 35.6 53.4

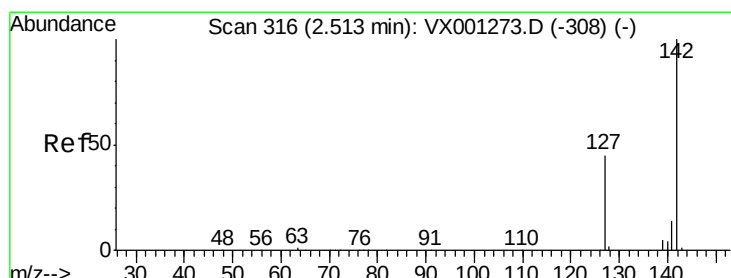
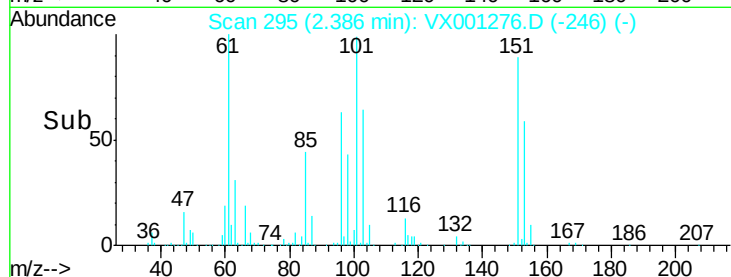
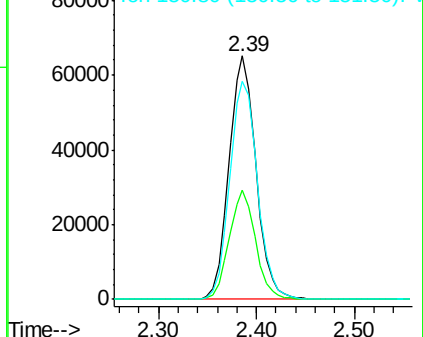
151 92.1 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.02 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

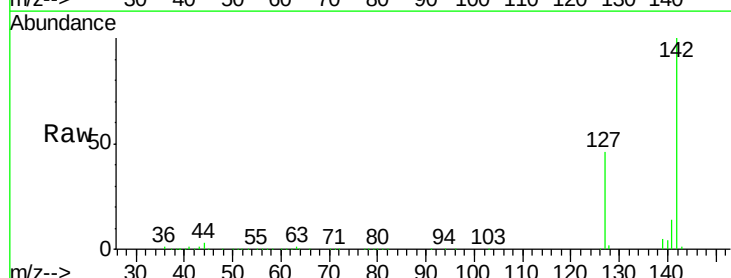
Tgt Ion:142 Resp: 120309

Ion Ratio Lower Upper

142 100

127 44.6 35.7 53.5

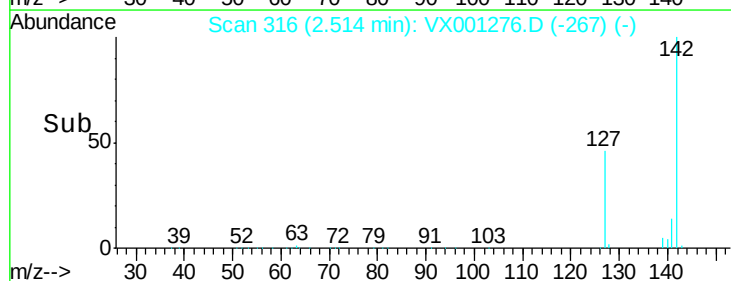
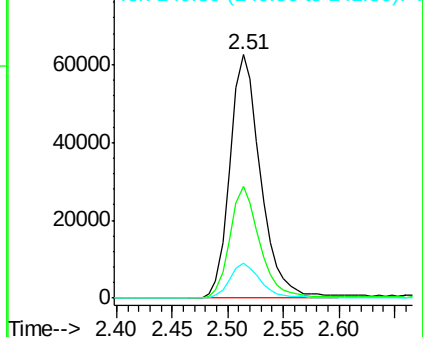
141 14.4 11.4 17.0

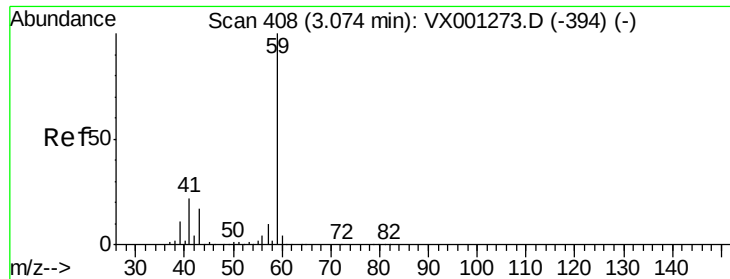


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

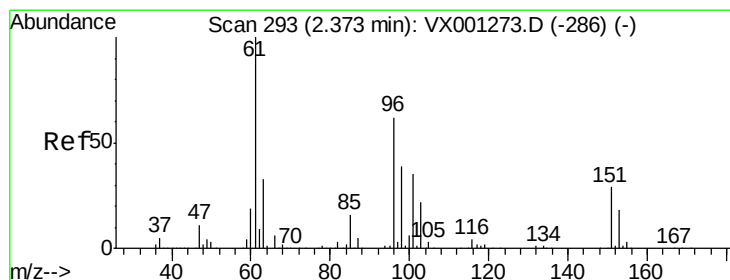
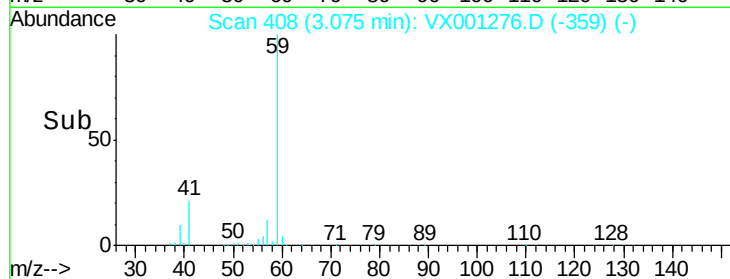
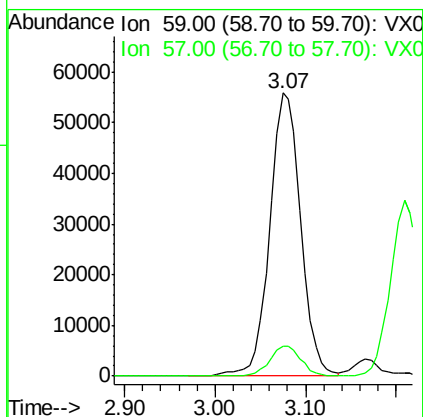
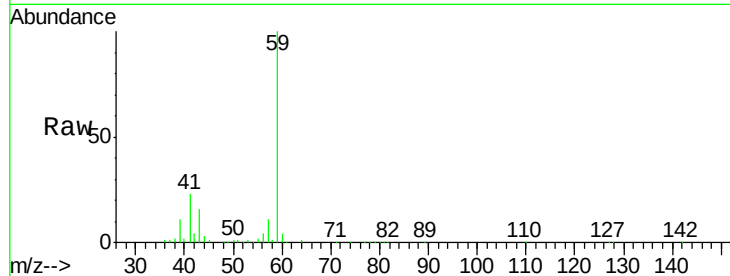




#11
Tert butyl alcohol
Concen: 248.15 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

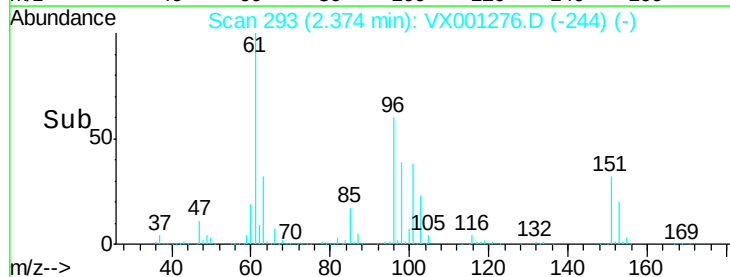
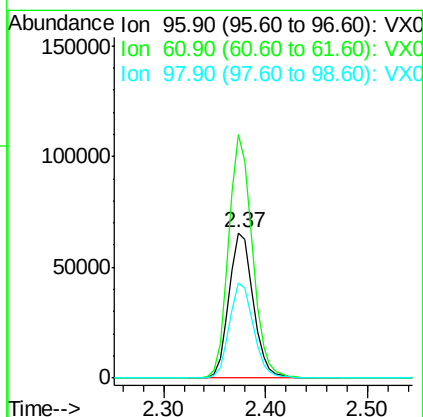
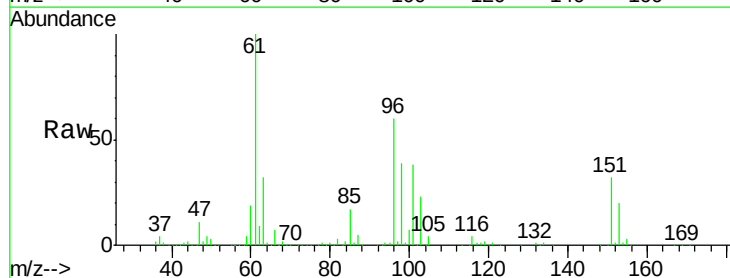
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

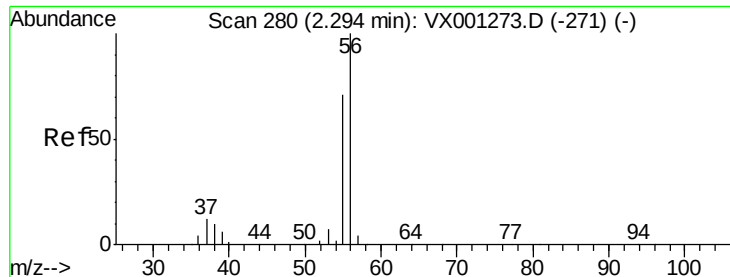
Tgt Ion: 59 Resp: 131641
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.37 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 96 Resp: 108072
Ion Ratio Lower Upper
96 100
61 167.2 130.1 195.1
98 65.0 50.3 75.5





#13

Acrolein

Concen: 242.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

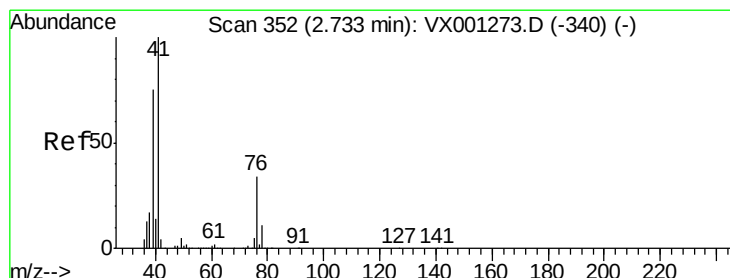
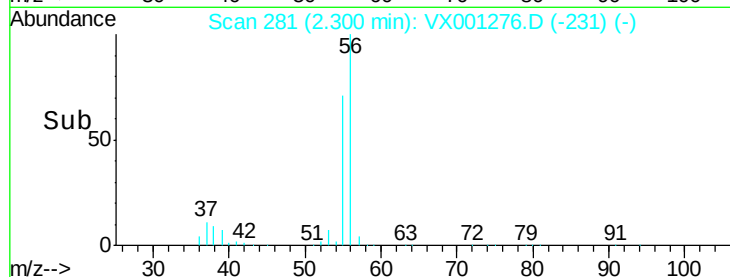
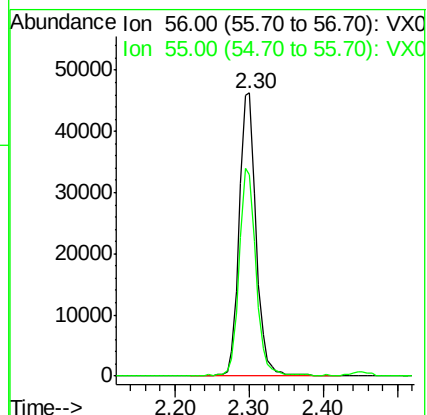
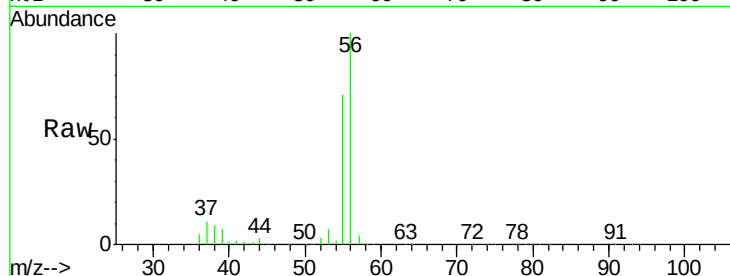
ICVVX050118

Tgt Ion: 56 Resp: 74157

Ion Ratio Lower Upper

56 100

55 73.5 57.2 85.8



#14

Allyl chloride

Concen: 50.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

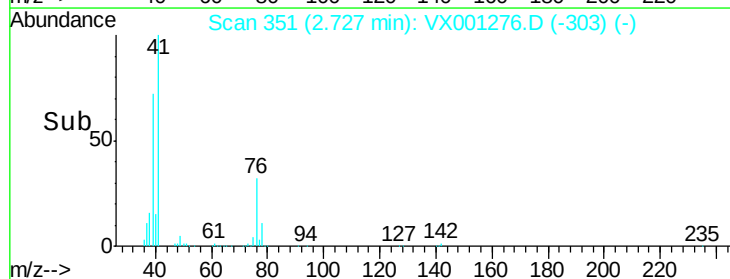
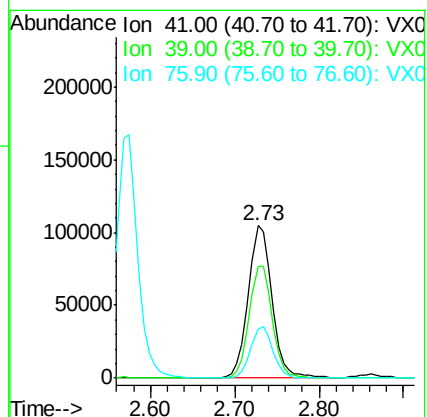
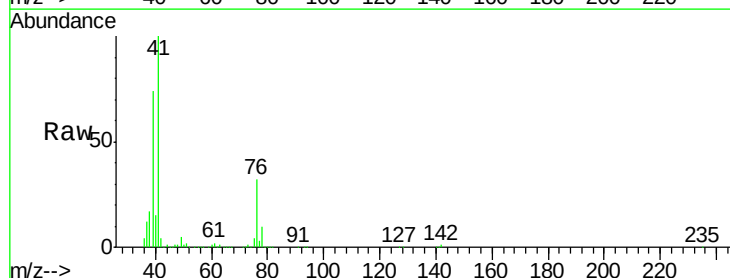
Tgt Ion: 41 Resp: 198019

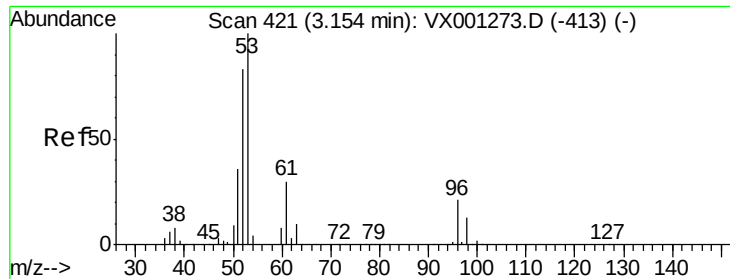
Ion Ratio Lower Upper

41 100

39 71.7 58.1 87.1

76 31.7 25.1 37.7





#15

Acrylonitrile

Concen: 241.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

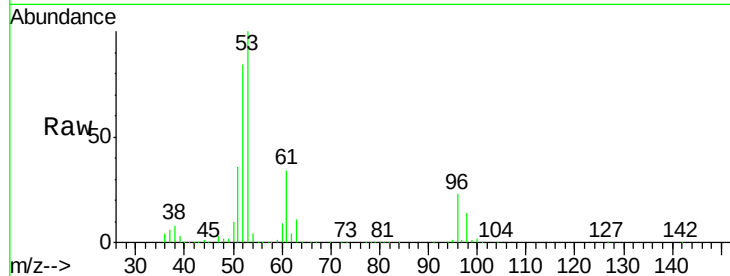
Tgt Ion: 53 Resp: 296336

Ion Ratio Lower Upper

53 100

52 83.7 67.0 100.4

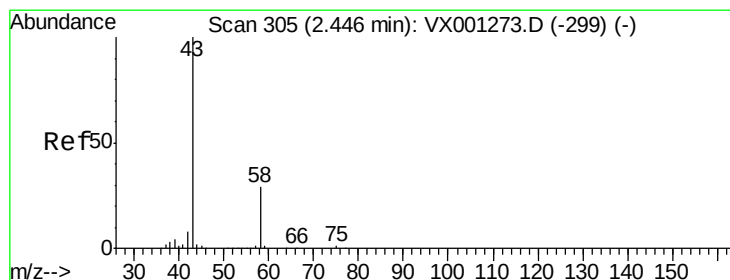
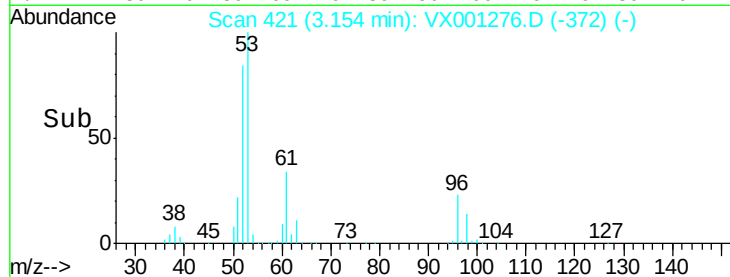
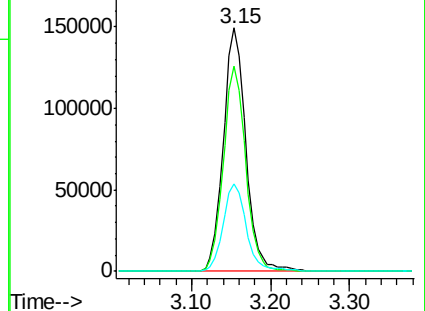
51 37.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 247.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001276.D

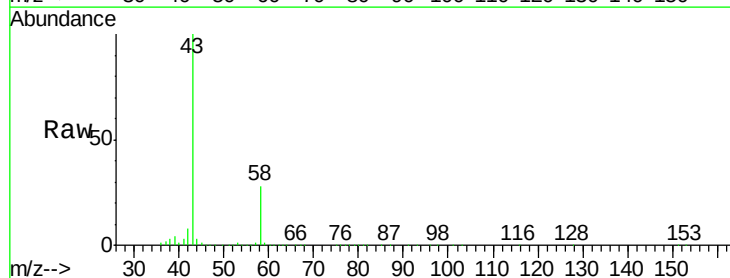
Acq: 01 May 2018 13:39

Tgt Ion: 43 Resp: 325959

Ion Ratio Lower Upper

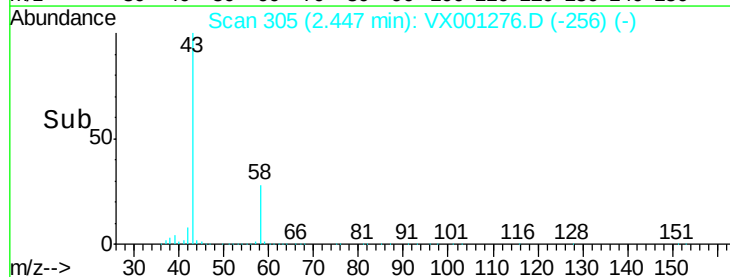
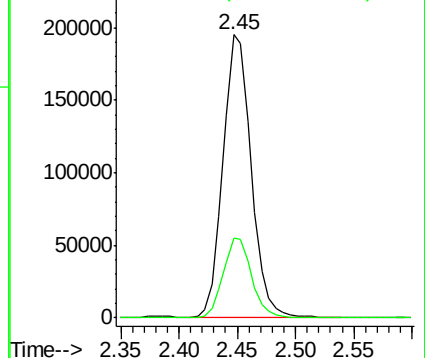
43 100

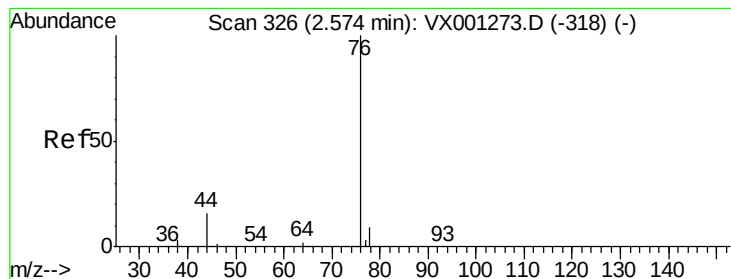
58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.79 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

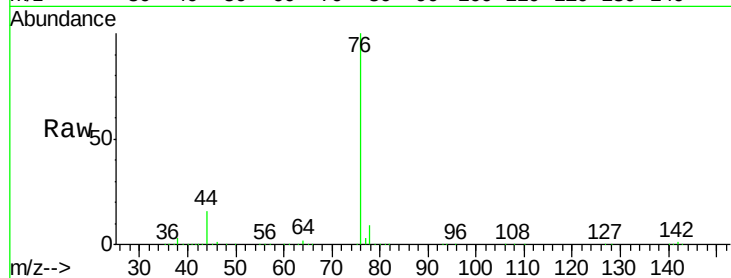
ICVVX050118

Tgt Ion: 76 Resp: 289850

Ion Ratio Lower Upper

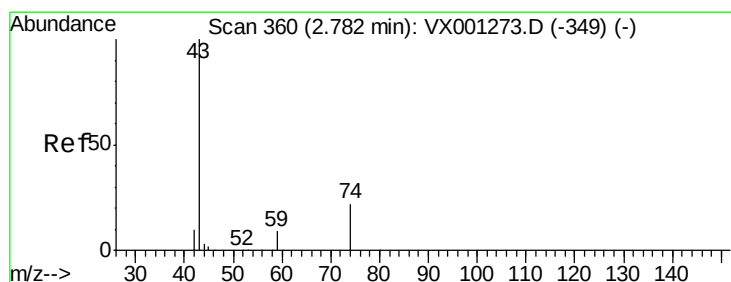
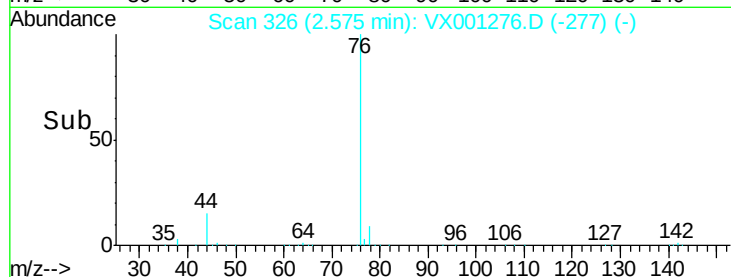
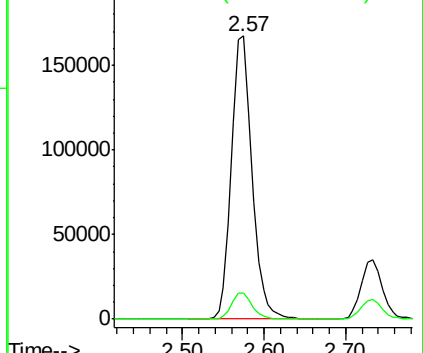
76 100

78 9.2 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: 49.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001276.D

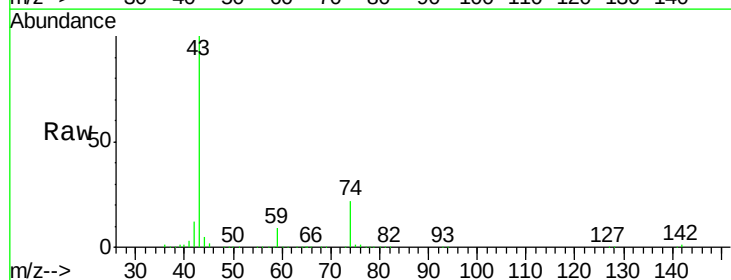
Acq: 01 May 2018 13:39

Tgt Ion: 43 Resp: 153843

Ion Ratio Lower Upper

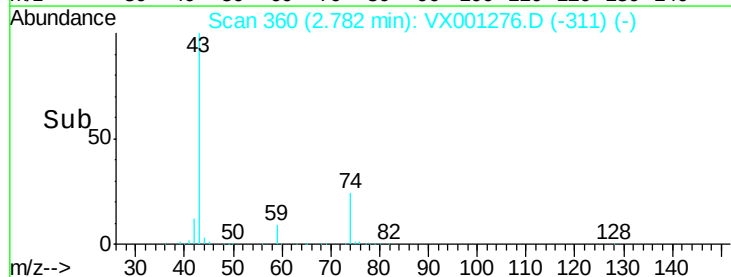
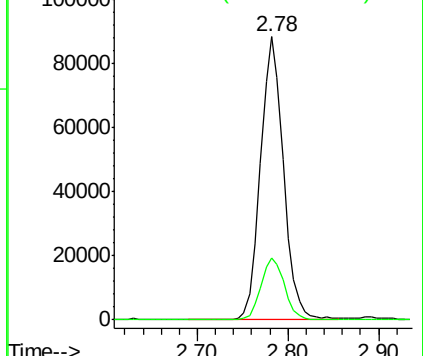
43 100

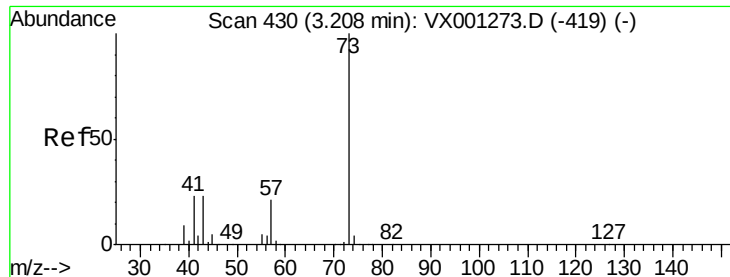
74 22.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

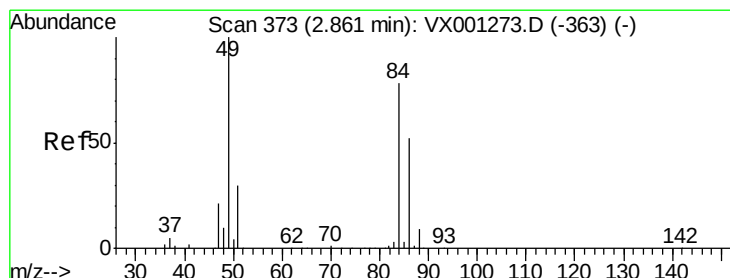
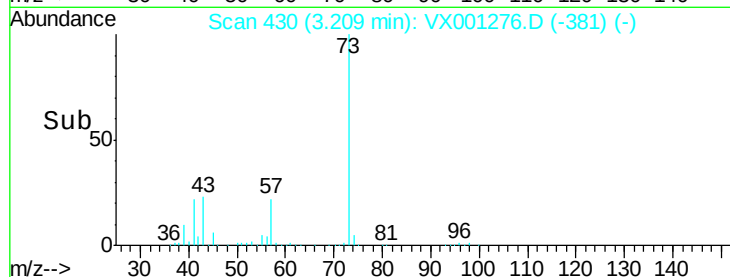
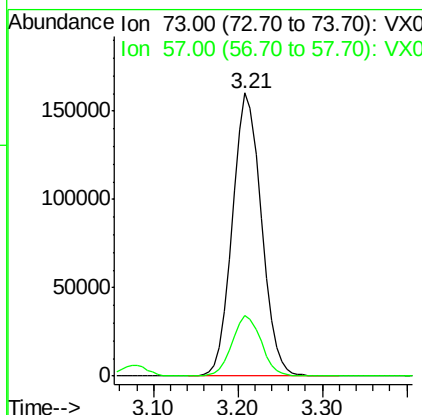
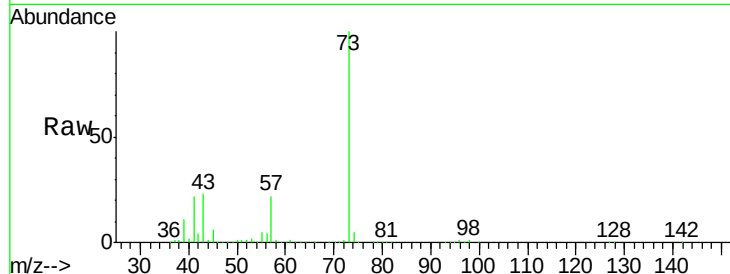




#19
Methyl tert-butyl Ether
Concen: 49.04 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

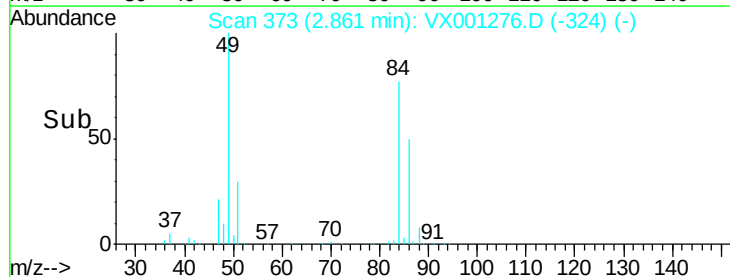
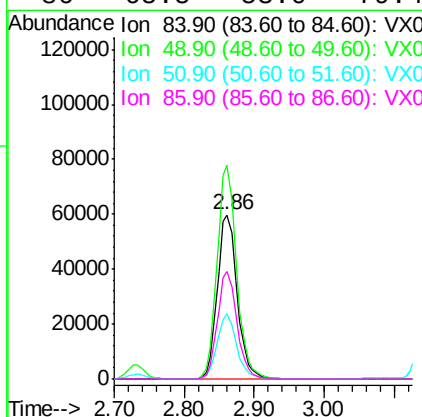
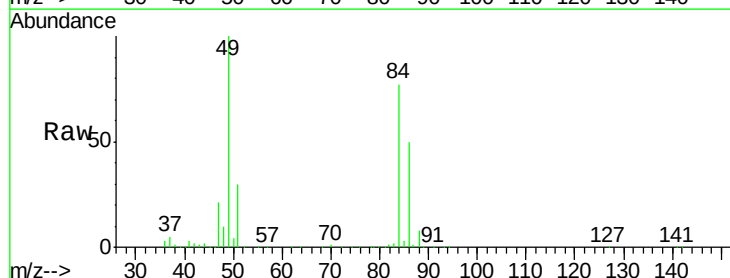
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

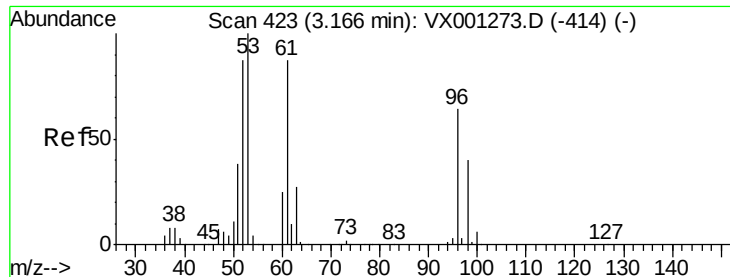
Tgt Ion: 73 Resp: 373227
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2



#20
Methylene Chloride
Concen: 49.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 84 Resp: 117936
Ion Ratio Lower Upper
84 100
49 129.8 102.8 154.2
51 39.6 30.9 46.3
86 65.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 47.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

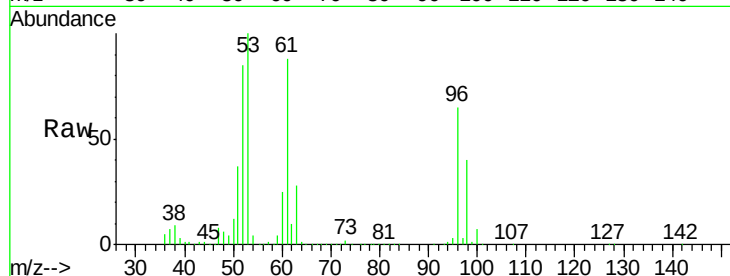
Tgt Ion: 96 Resp: 116648

Ion Ratio Lower Upper

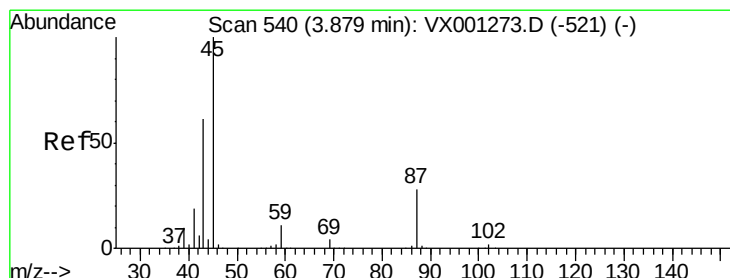
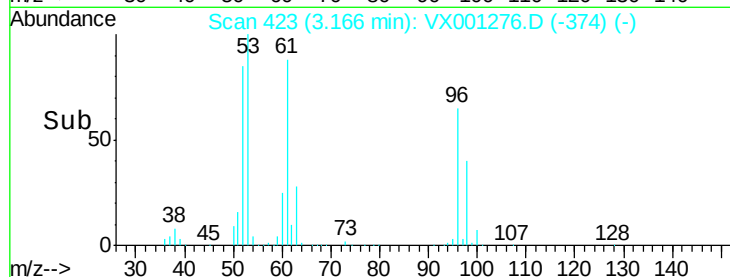
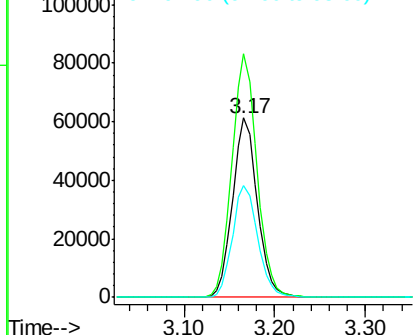
96 100

61 135.8 108.6 162.8

98 62.2 49.7 74.5



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



#22

Diisopropyl ether

Concen: 49.14 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion: 45 Resp: 369977

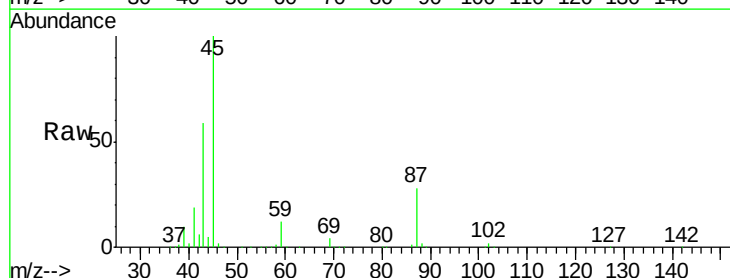
Ion Ratio Lower Upper

45 100

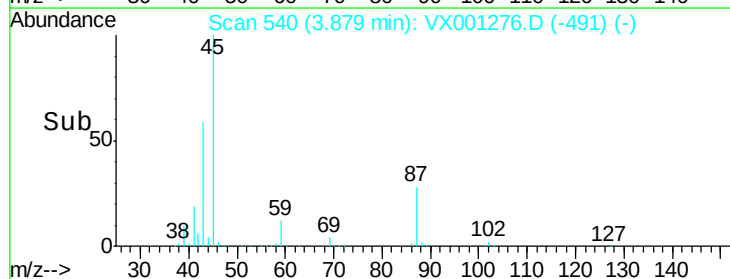
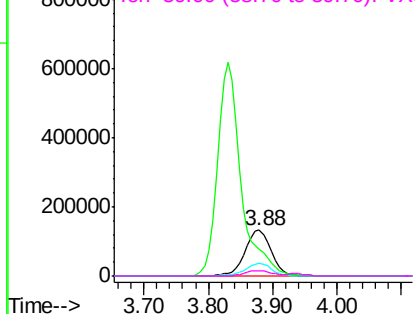
43 58.8 48.7 73.1

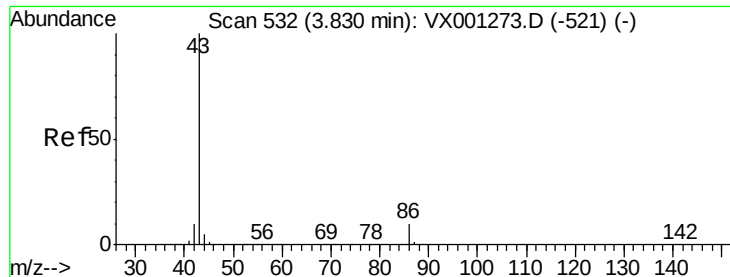
87 28.2 22.2 33.4

59 11.5 9.1 13.7



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





#23

Vinyl Acetate

Concen: 249.49 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

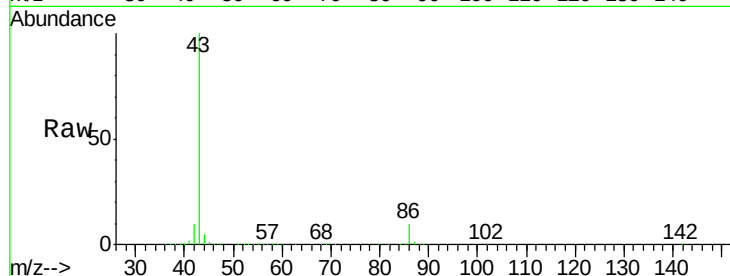
ICVVX050118

Tgt Ion: 43 Resp: 1591736

Ion Ratio Lower Upper

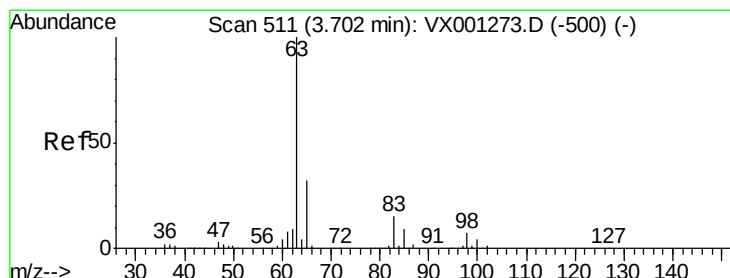
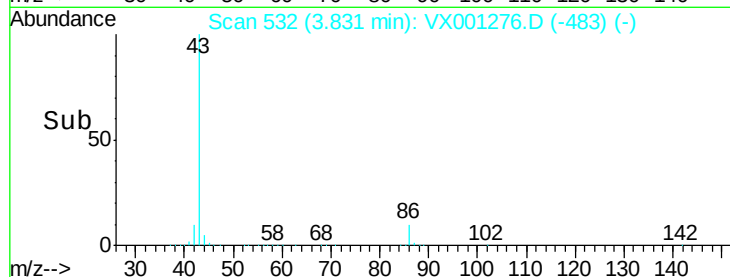
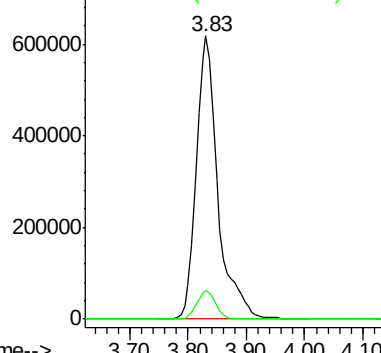
43 100

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: 46.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

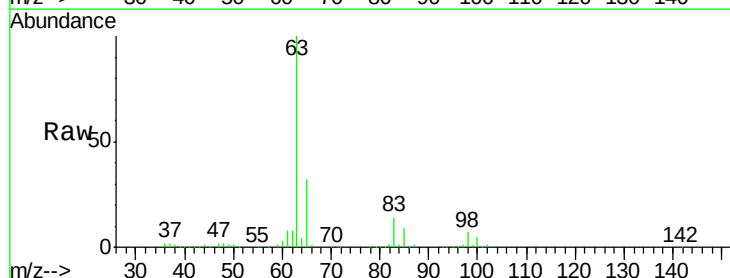
Tgt Ion: 63 Resp: 192908

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

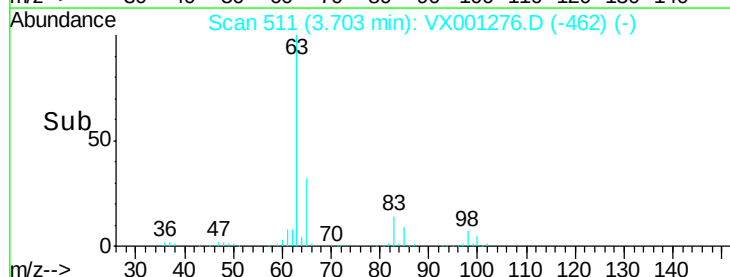
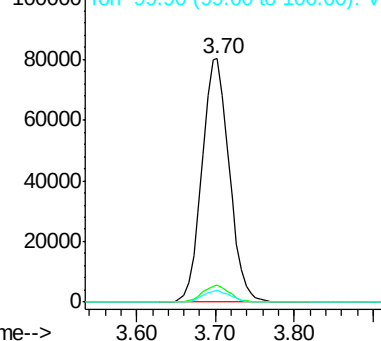
100 4.7 2.3 6.8

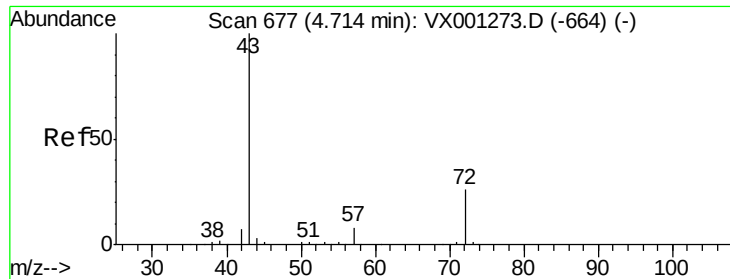


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

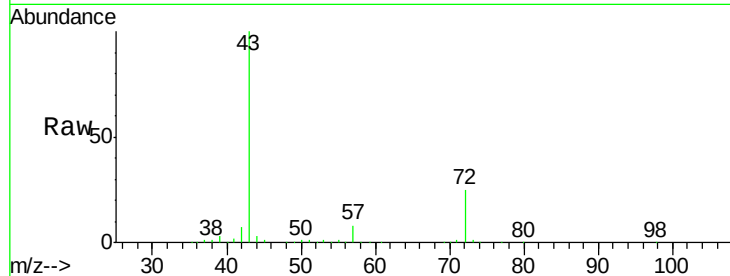
ICVVX050118

Tgt Ion: 43 Resp: 432340

Ion Ratio Lower Upper

43 100

72 24.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

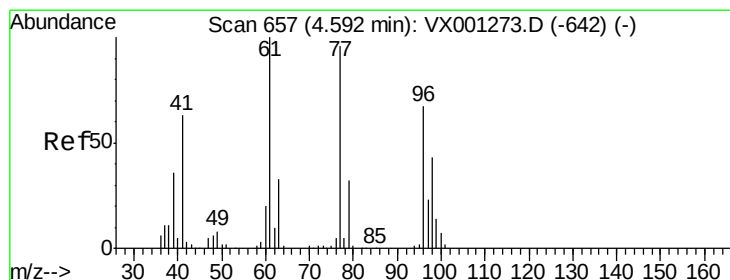
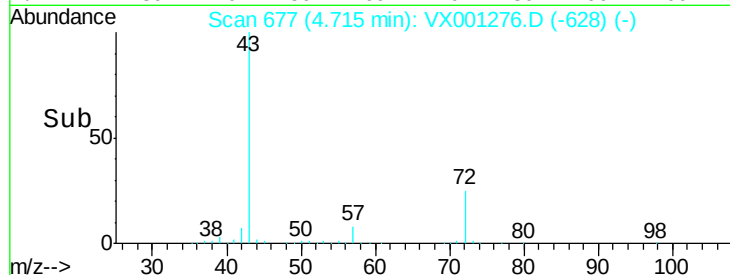
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.62 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001276.D

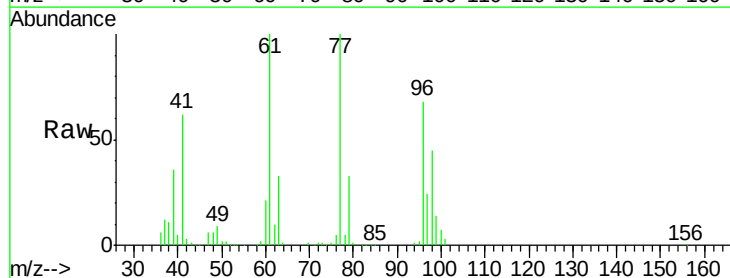
Acq: 01 May 2018 13:39

Tgt Ion: 77 Resp: 172768

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

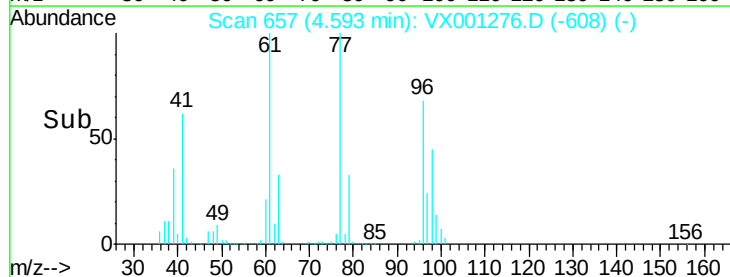
20000

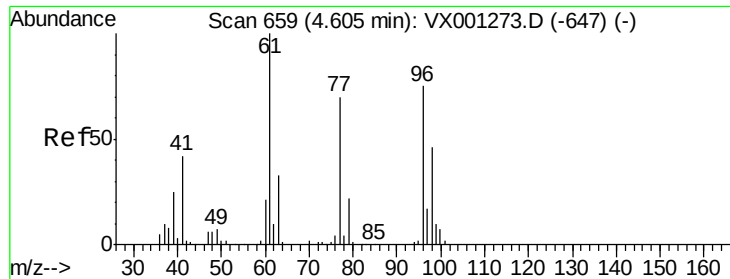
10000

0

4.40 4.50 4.60 4.70

Time-->



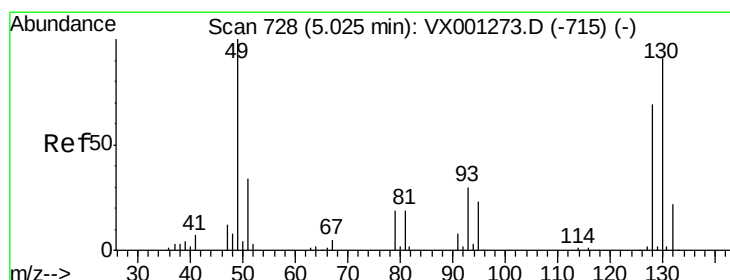
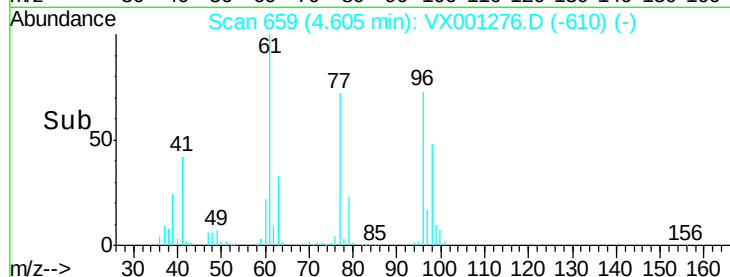
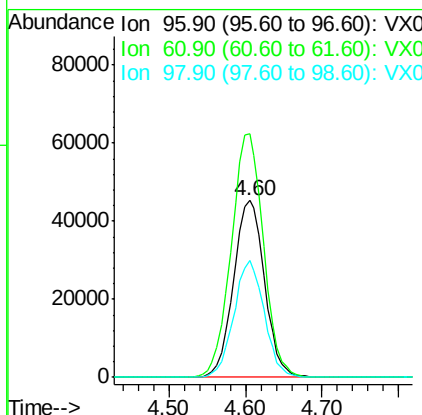
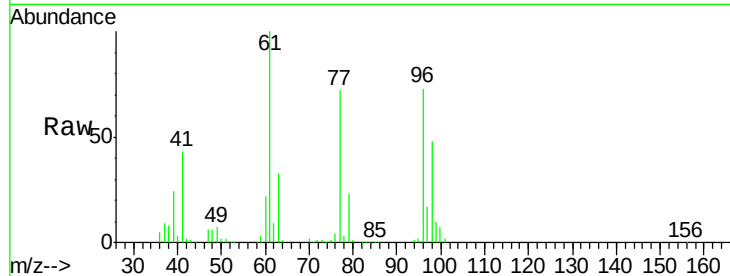


#27

cis-1,2-Dichloroethene
Concen: 47.54 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

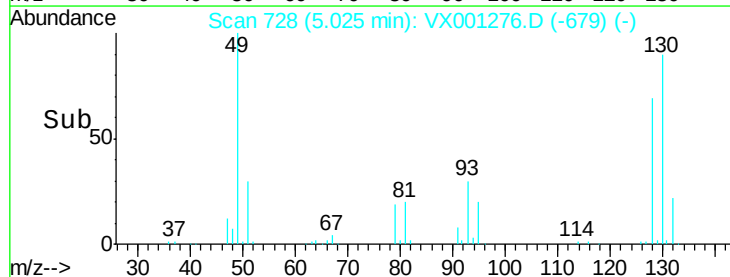
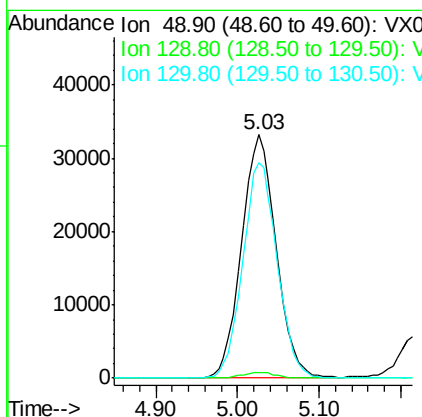
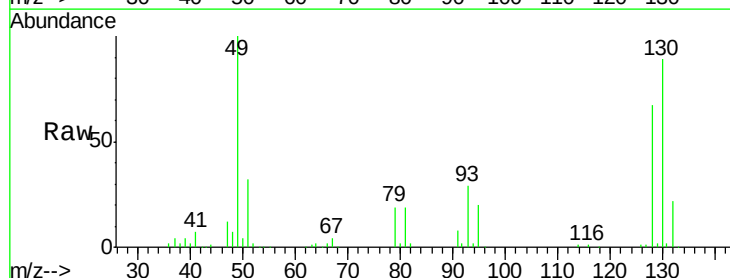
Tgt Ion: 96 Resp: 127070
Ion Ratio Lower Upper
96 100
61 143.0 0.0 288.0
98 64.7 0.0 130.2

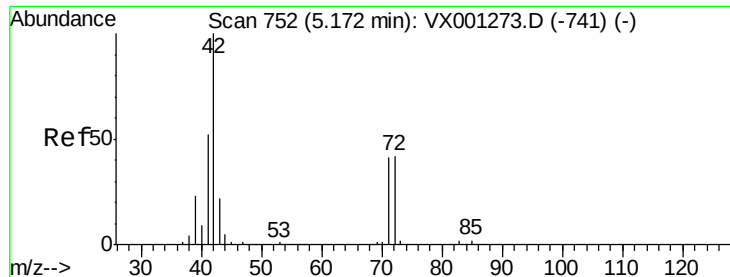


#28

Bromochloromethane
Concen: 52.01 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 49 Resp: 98054
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 87.9 70.4 105.6





#29

Tetrahydrofuran

Concen: 241.32 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVX050118

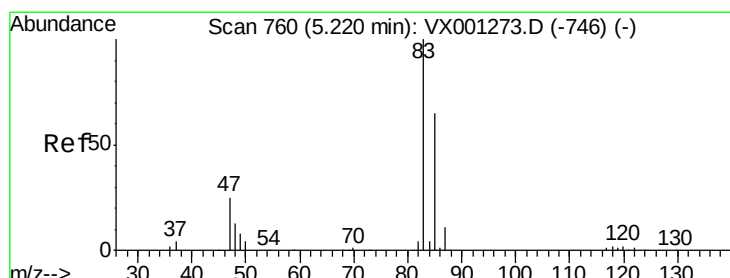
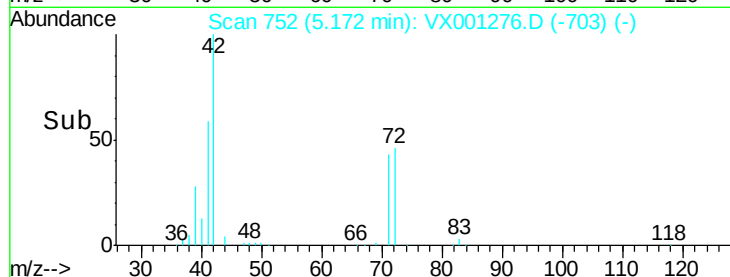
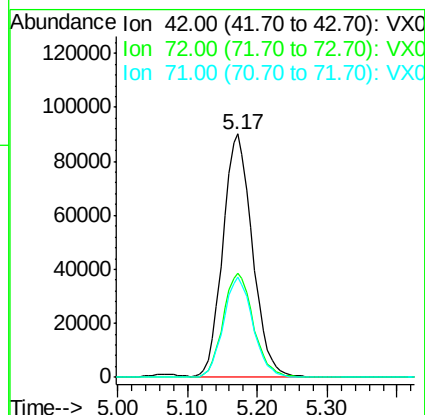
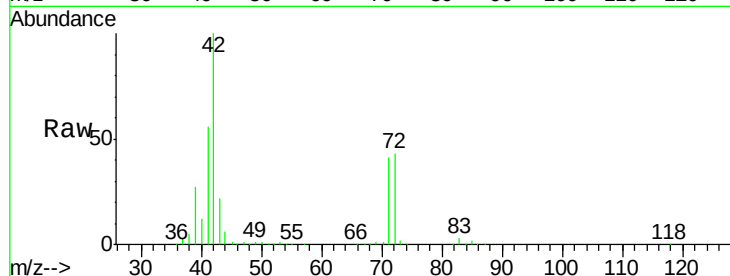
Tgt Ion: 42 Resp: 264127

Ion Ratio Lower Upper

42 100

72 43.9 34.6 52.0

71 40.8 32.7 49.1



#30

Chloroform

Concen: 48.37 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001276.D

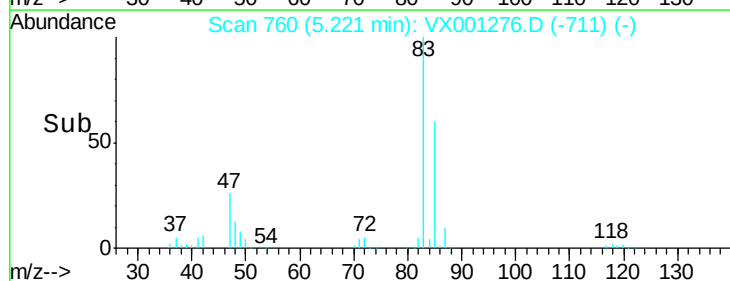
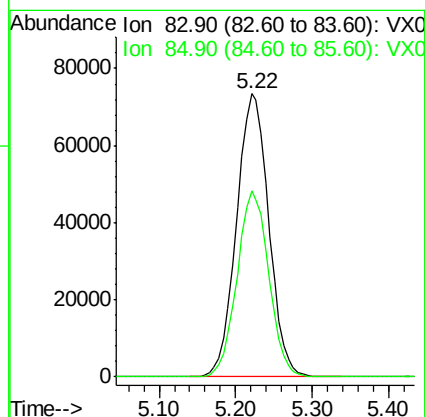
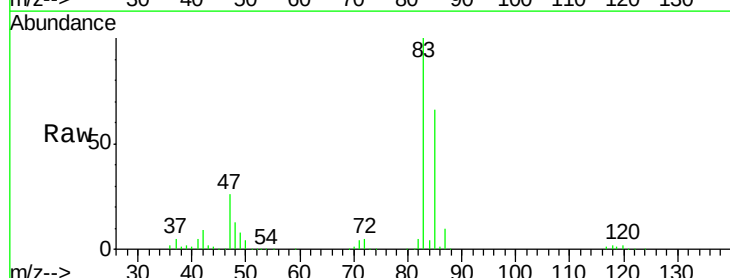
Acq: 01 May 2018 13:39

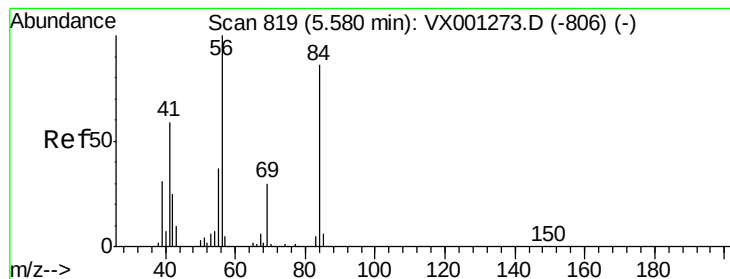
Tgt Ion: 83 Resp: 214436

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2





#31

Cyclohexane

Concen: 49.29 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

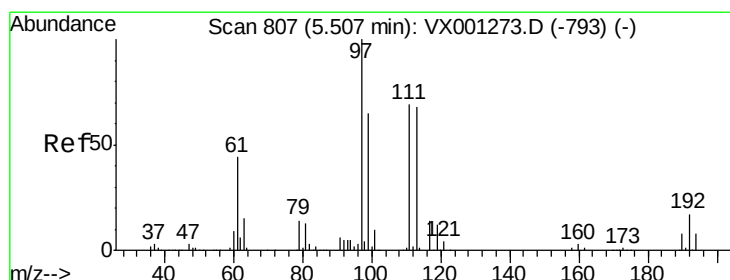
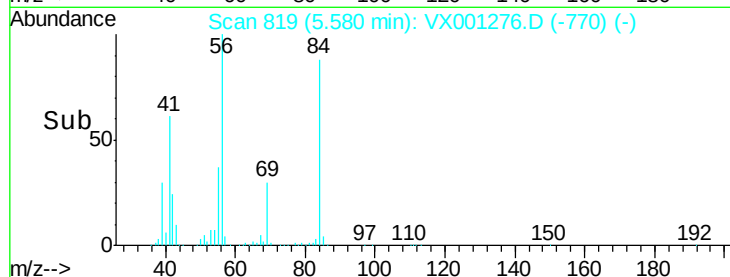
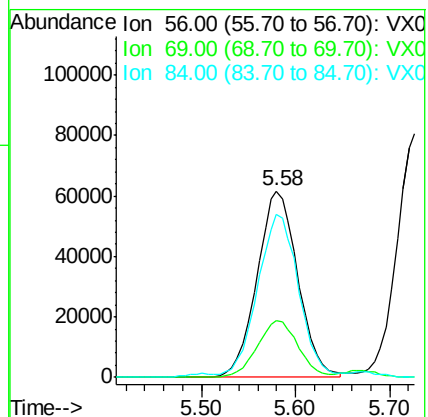
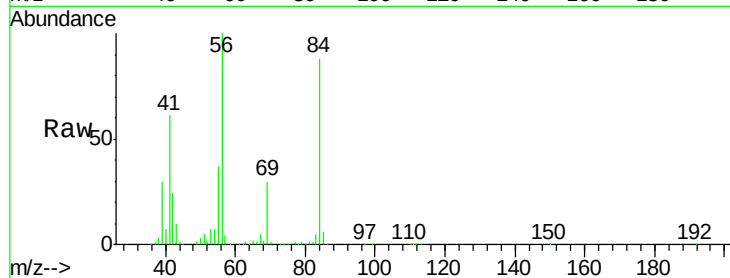
Tgt Ion: 56 Resp: 186692

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 86.2 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 50.30 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

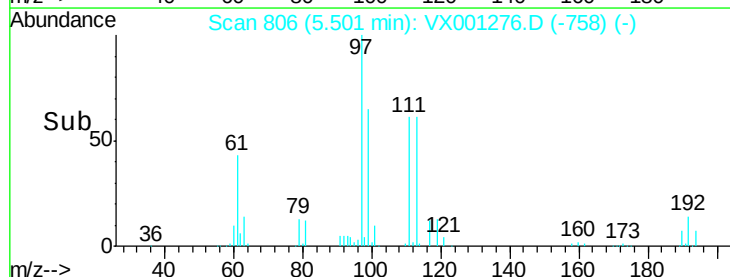
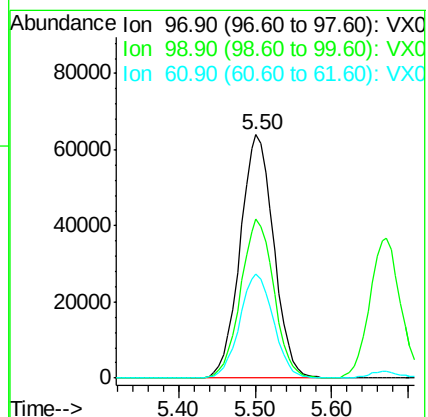
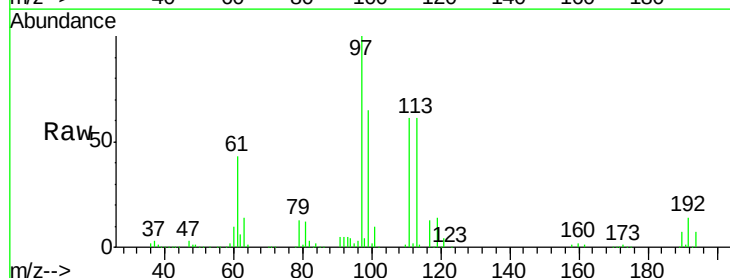
Tgt Ion: 97 Resp: 194892

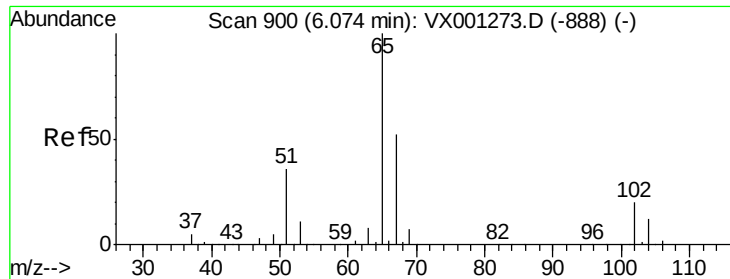
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 43.2 35.4 53.2

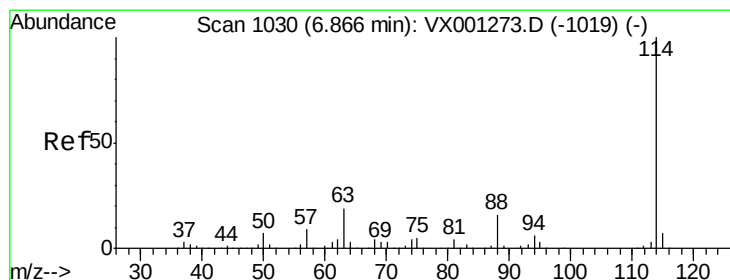
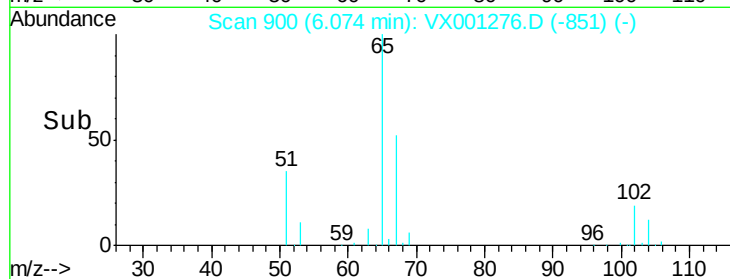
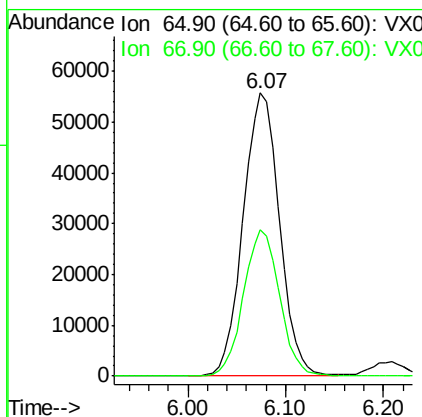
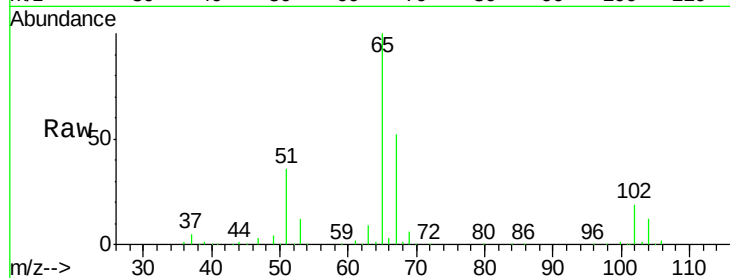




#33
 1,2-Dichloroethane-d4
 Concen: 46.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

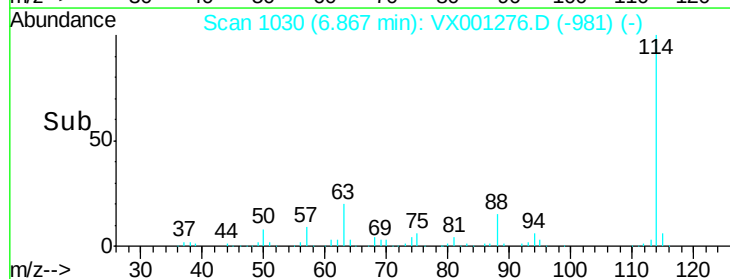
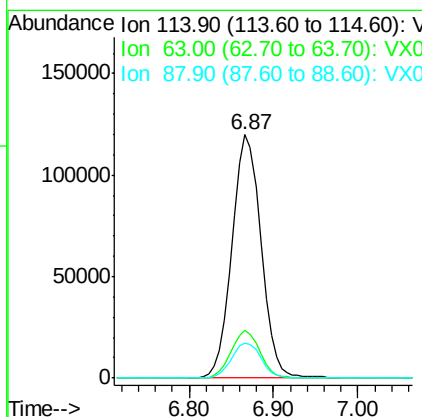
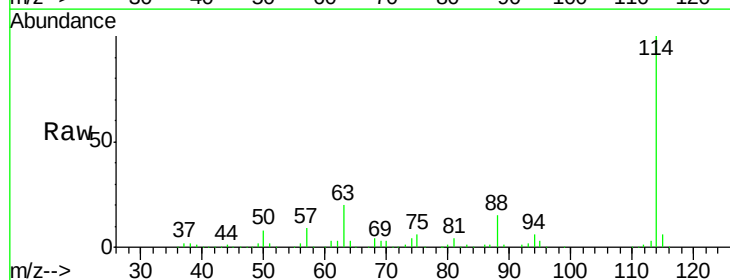
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

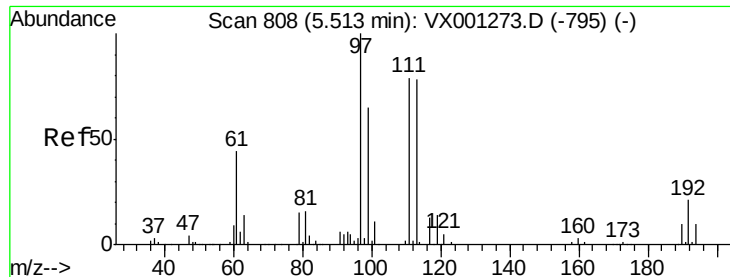
Tgt Ion: 65 Resp: 144119
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion: 114 Resp: 280375
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 14.6 0.0 32.2

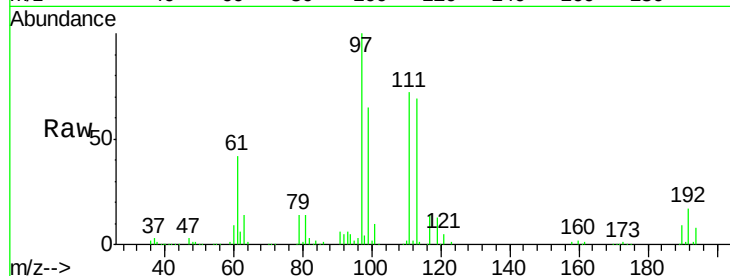




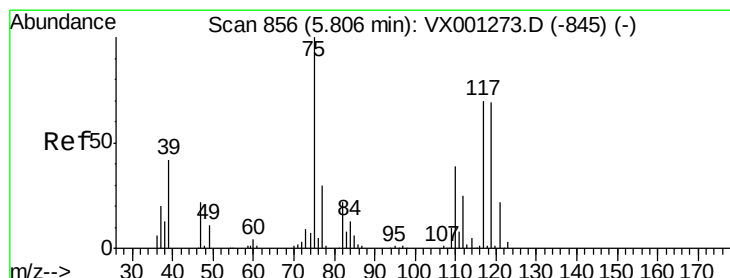
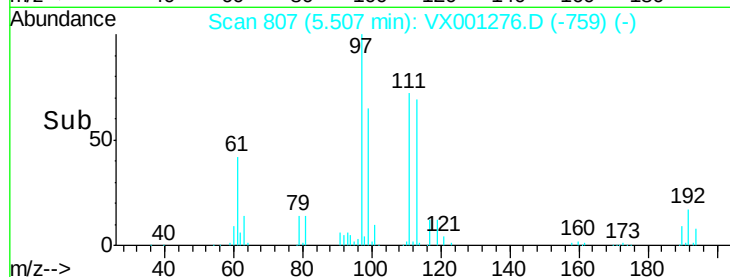
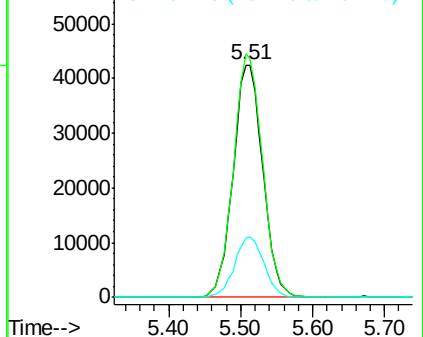
#35
 Dibromofluoromethane
 Concen: 50.26 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tgt Ion:113 Resp: 121414
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 25.7 20.7 31.1

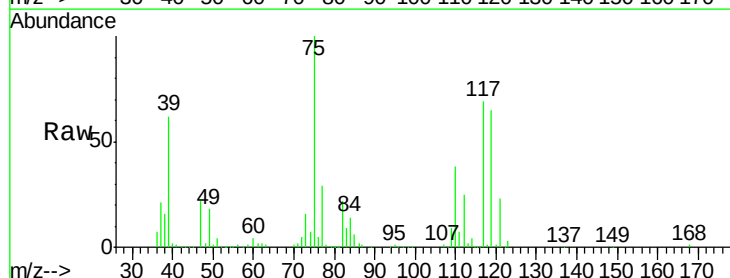


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

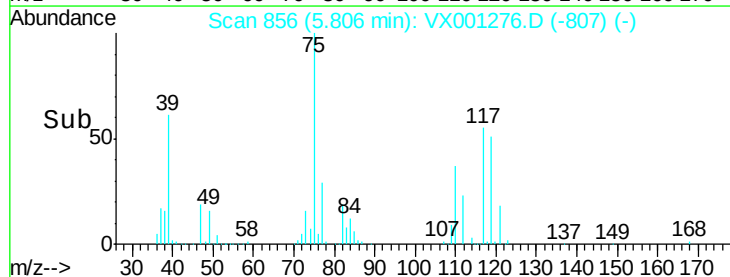
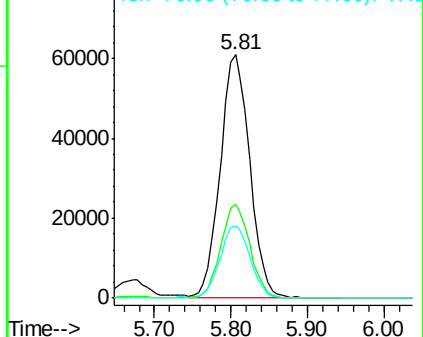


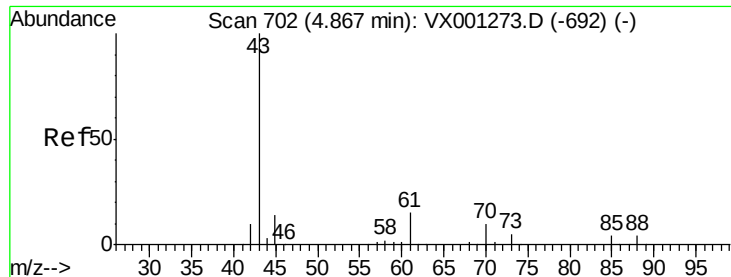
#36
 1,1-Dichloropropene
 Concen: 50.22 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion: 75 Resp: 162494
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.9 56.9
 77 30.1 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

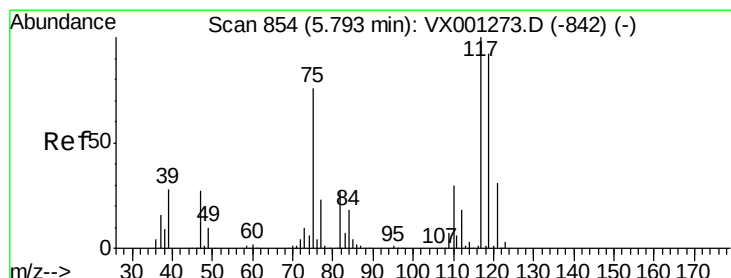
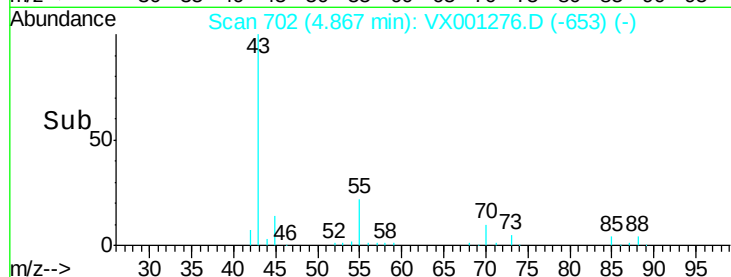
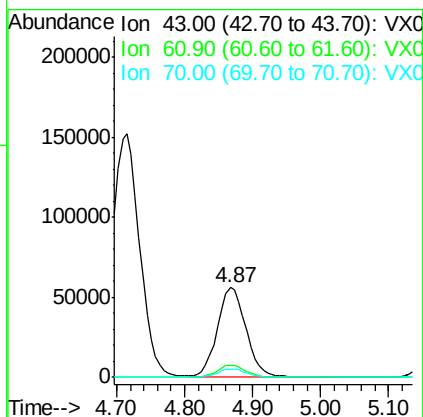
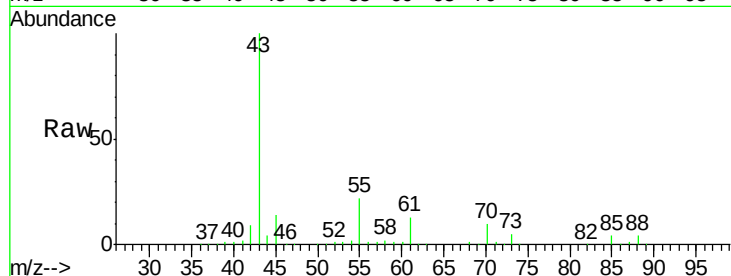




#37
Ethyl Acetate
Concen: 50.18 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

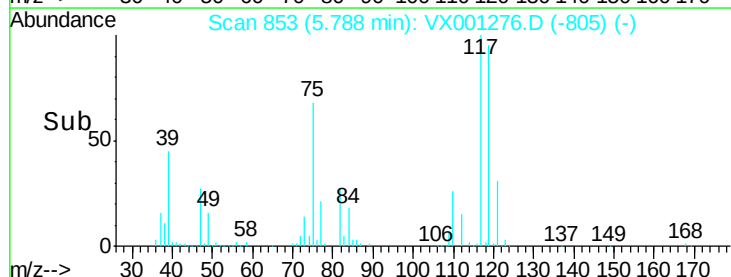
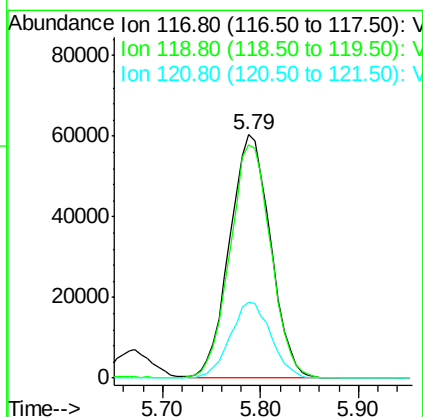
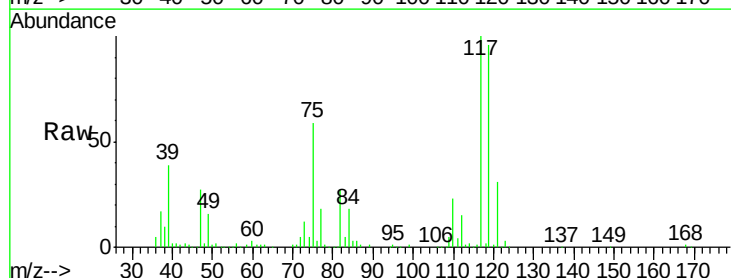
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

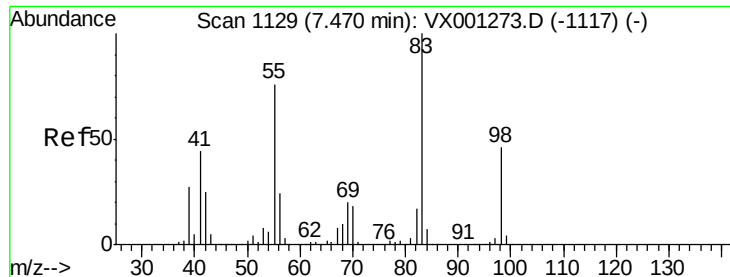
Tgt Ion: 43 Resp: 163964
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 51.56 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 117 Resp: 174782
Ion Ratio Lower Upper
117 100
119 95.7 73.4 110.2
121 31.3 25.0 37.4

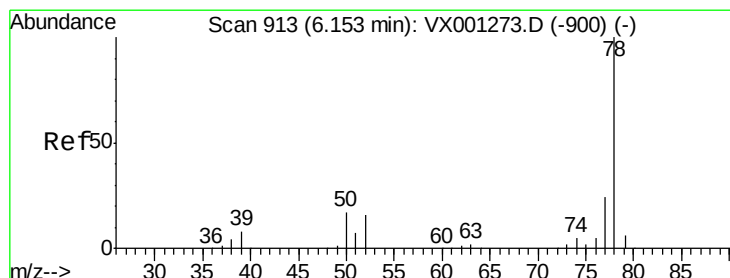
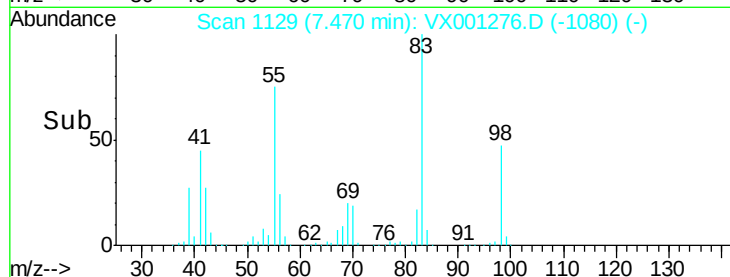
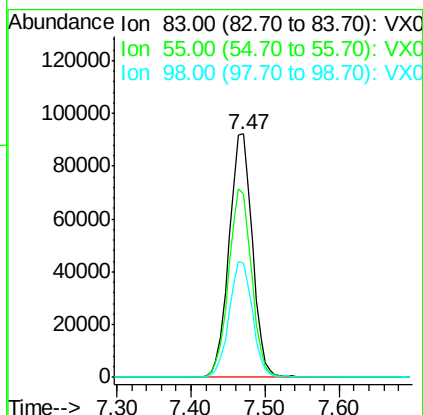
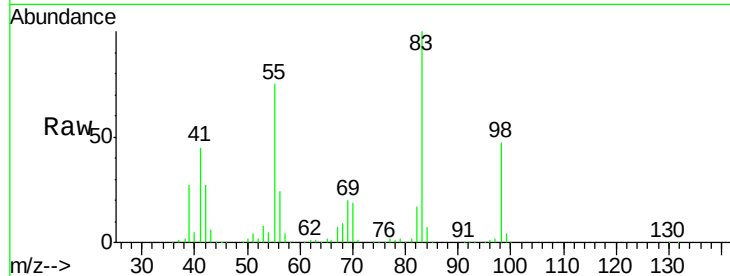




#39
Methylcyclohexane
Concen: 53.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

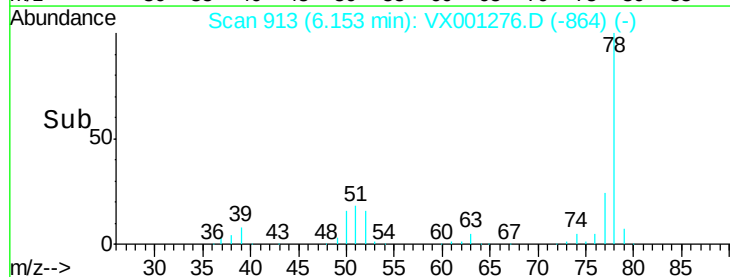
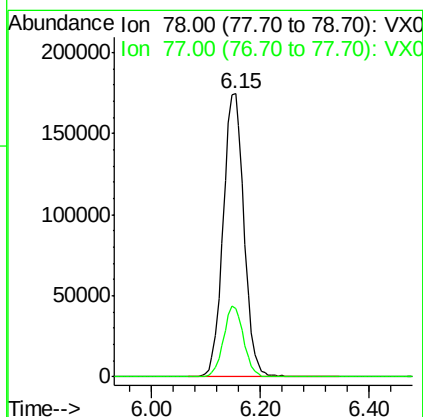
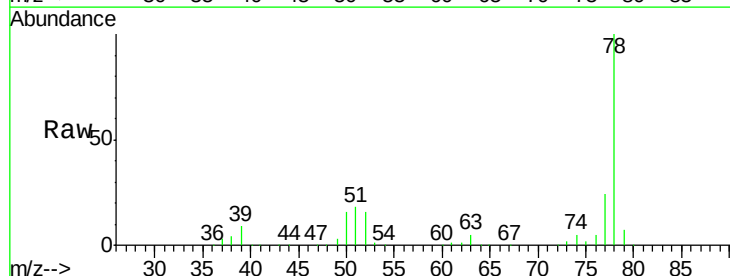
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

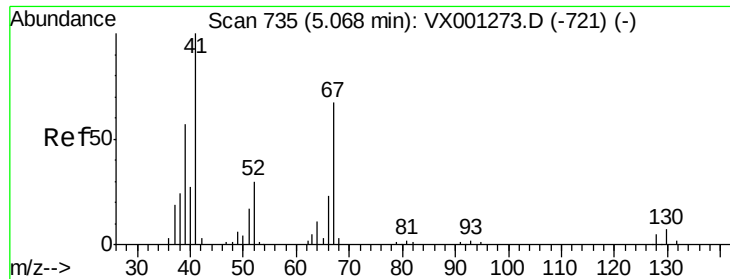
Tgt Ion: 83 Resp: 203855
Ion Ratio Lower Upper
83 100
55 75.4 60.4 90.6
98 47.2 37.0 55.6



#40
Benzene
Concen: 49.97 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 78 Resp: 465159
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

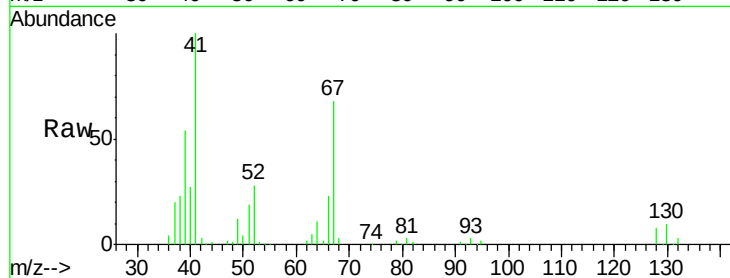




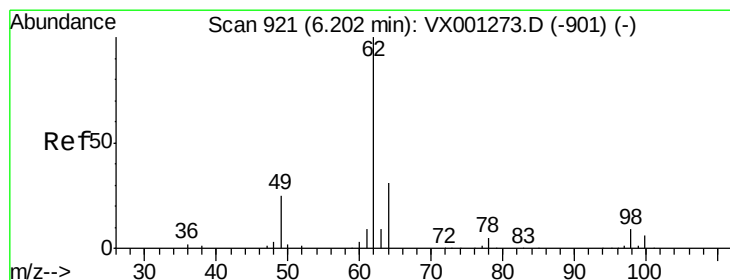
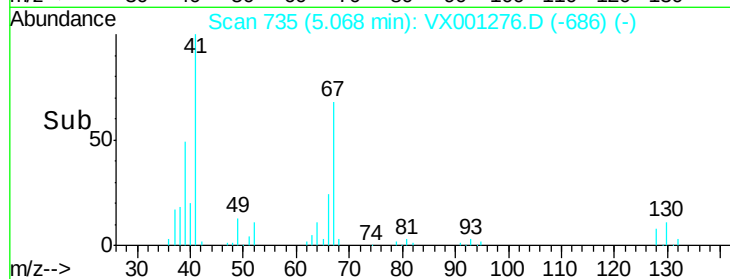
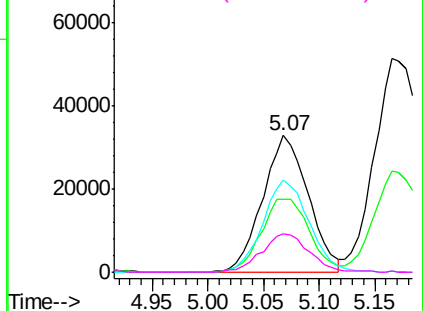
#41
Methacrylonitrile
Concen: 48.96 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tgt Ion:	41	Resp:	93183
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.8
67	68.8	54.8	82.2
52	30.0	24.6	37.0

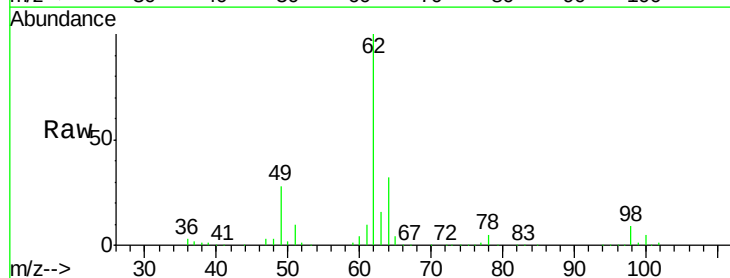


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

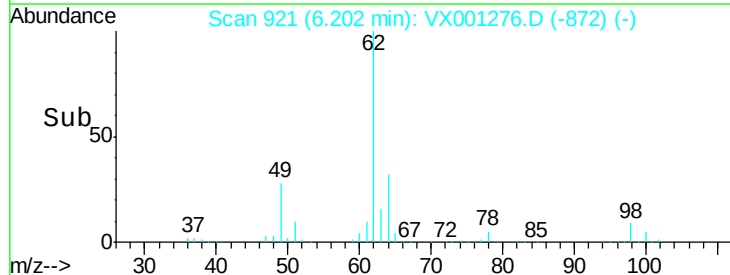
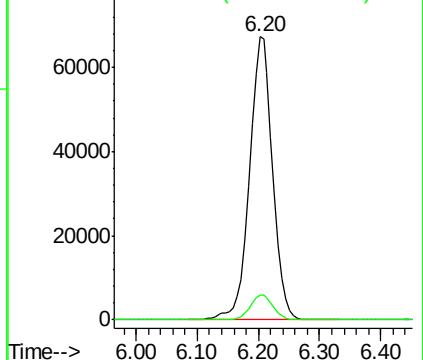


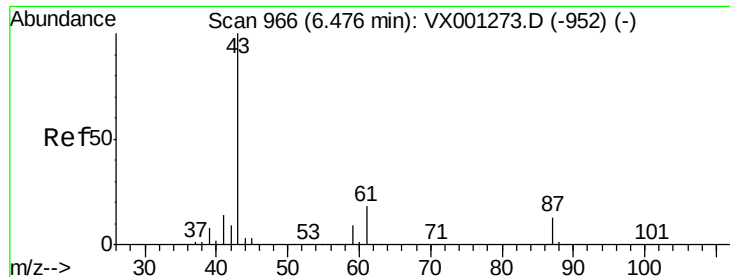
#42
1,2-Dichloroethane
Concen: 49.35 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion:	62	Resp:	177853
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 52.65 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

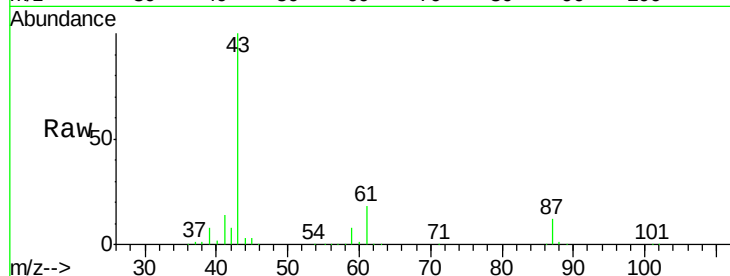
Tgt Ion: 43 Resp: 278496

Ion Ratio Lower Upper

43 100

61 18.5 15.0 22.4

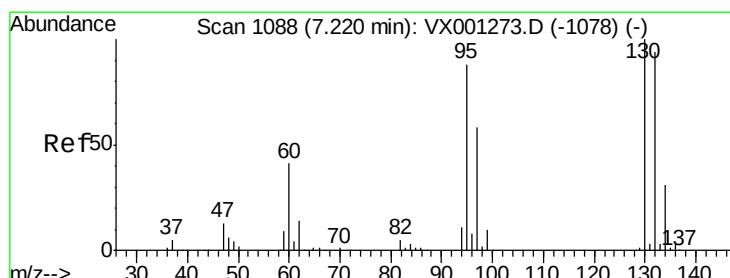
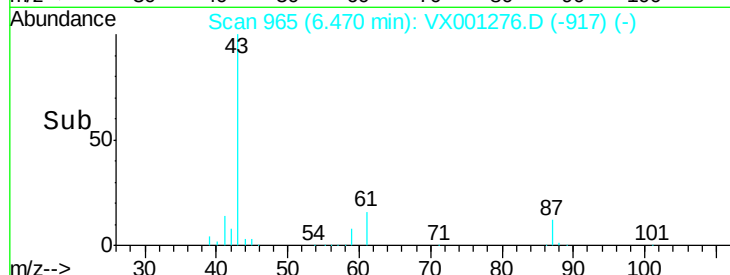
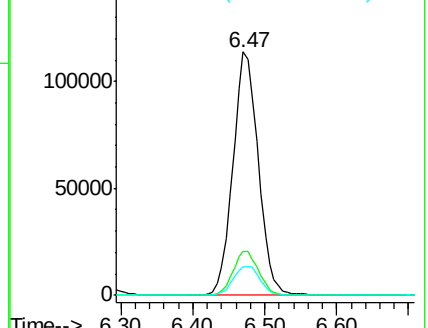
87 12.7 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.08 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001276.D

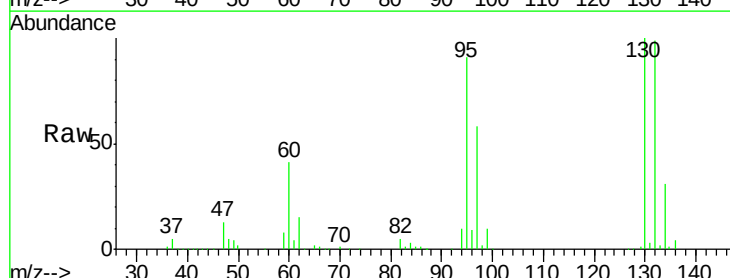
Acq: 01 May 2018 13:39

Tgt Ion: 130 Resp: 142693

Ion Ratio Lower Upper

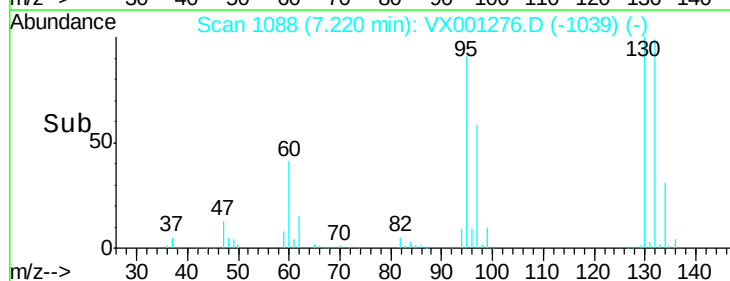
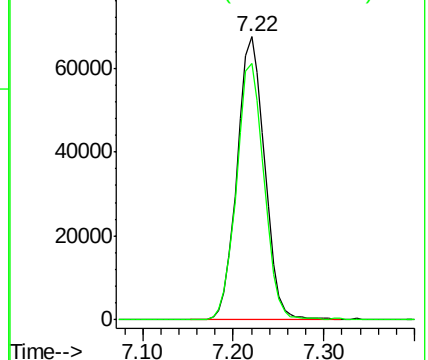
130 100

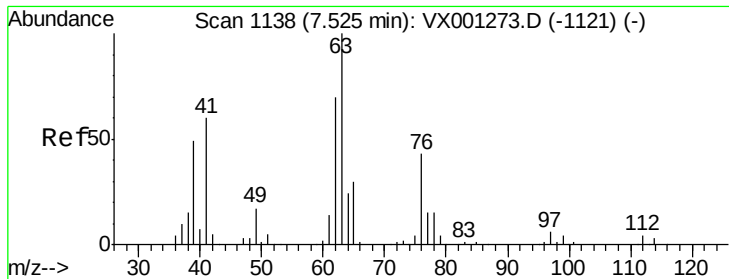
95 90.6 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

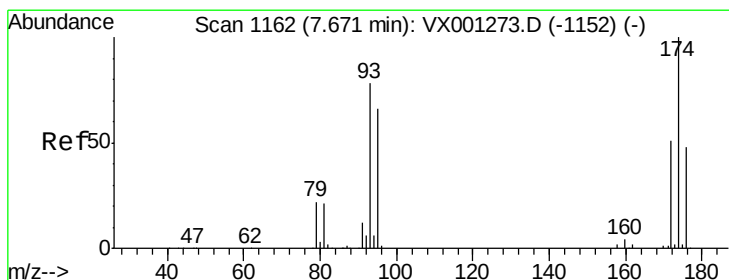
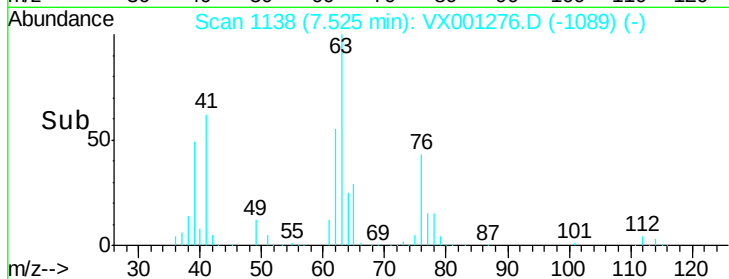
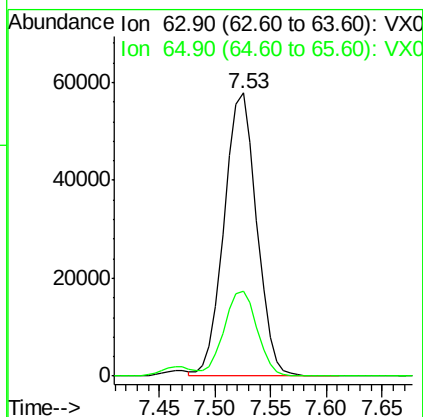
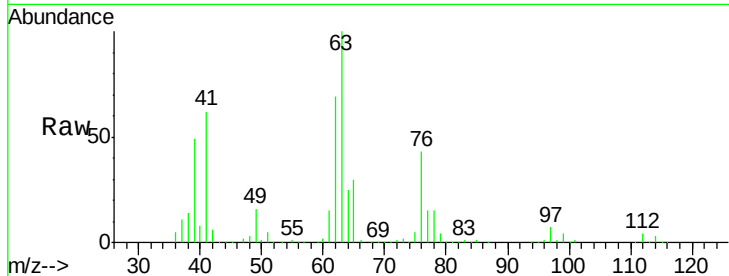




#45
 1,2-Dichloropropane
 Concen: 49.13 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

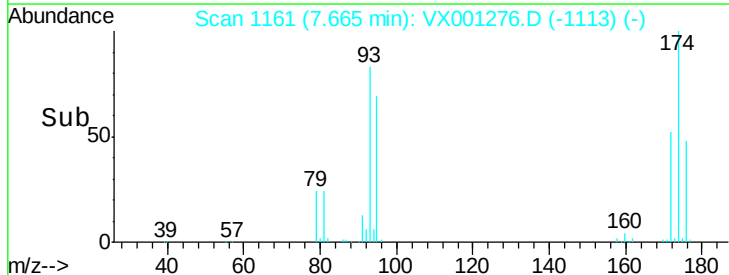
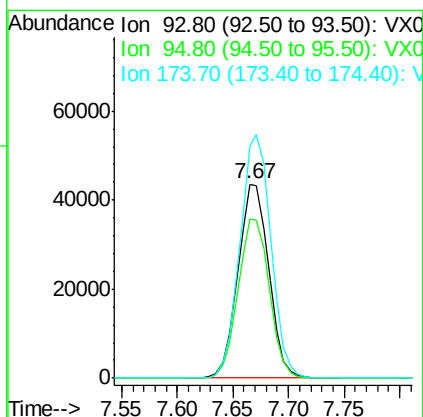
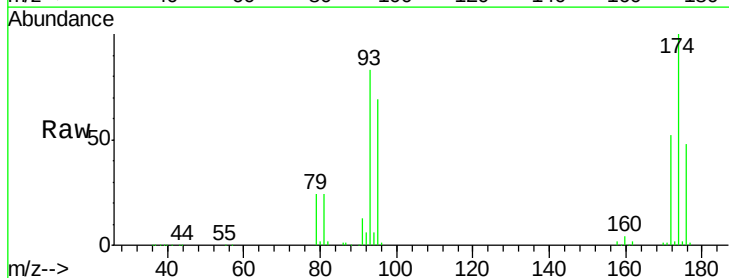
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

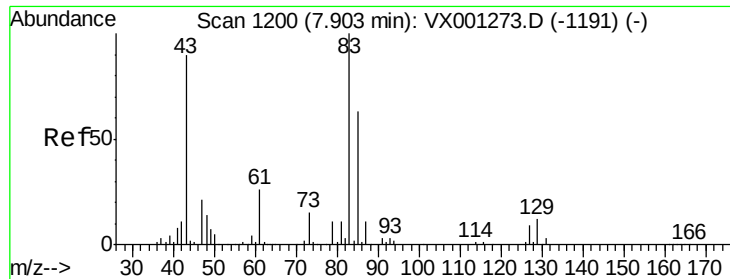
Tgt Ion: 63 Resp: 117441
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.2 36.4



#46
 Dibromomethane
 Concen: 50.02 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion: 93 Resp: 83812
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 126.5 102.3 153.5





#47

Bromodichloromethane

Concen: 53.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

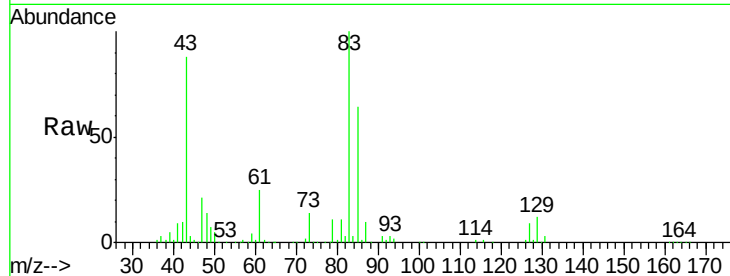
Tgt Ion: 83 Resp: 159290

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

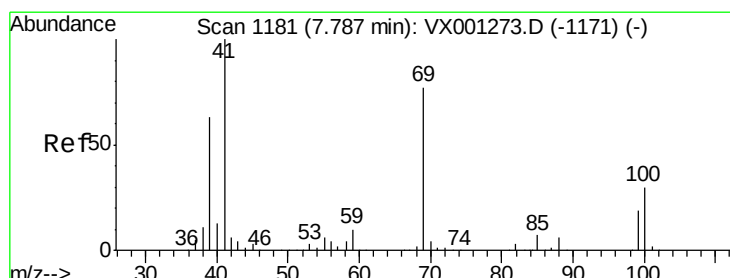
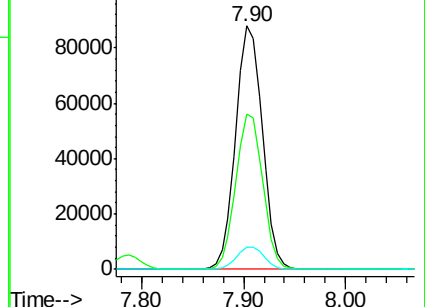
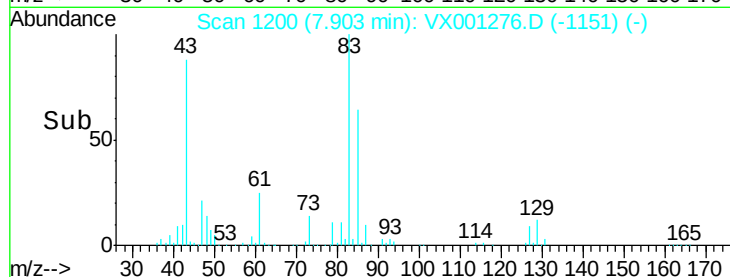
127 8.9 7.4 11.2



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: 51.88 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

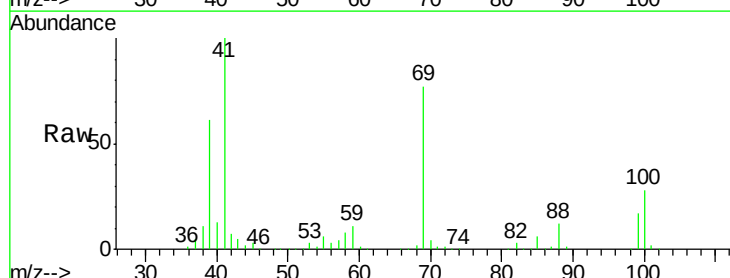
Tgt Ion: 41 Resp: 145897

Ion Ratio Lower Upper

41 100

69 78.5 63.0 94.6

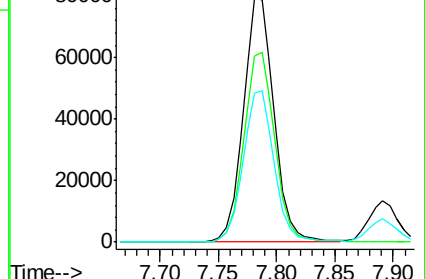
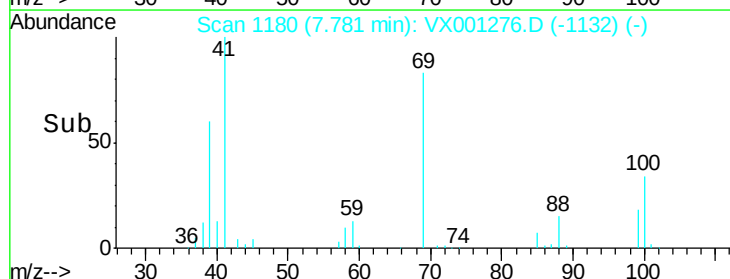
39 61.7 50.2 75.4

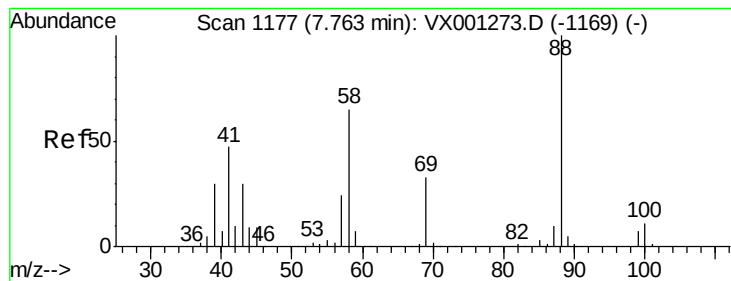


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1042.27 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

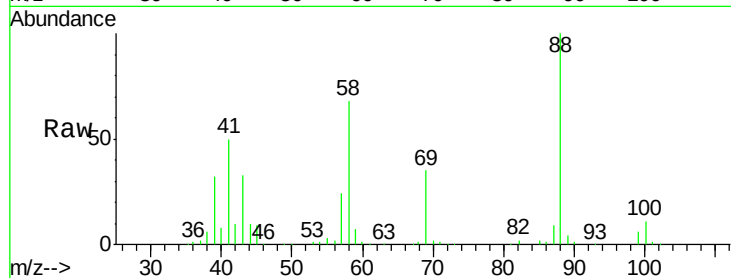
Tgt Ion: 88 Resp: 55311

Ion Ratio Lower Upper

88 100

43 34.6 27.9 41.9

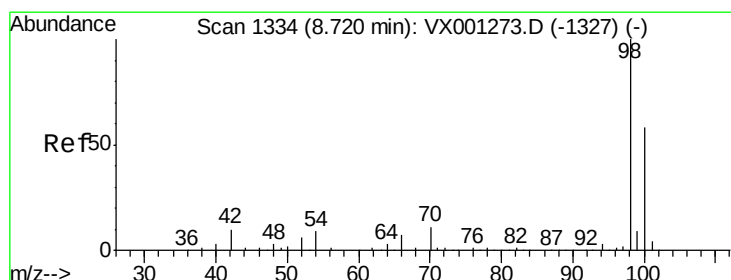
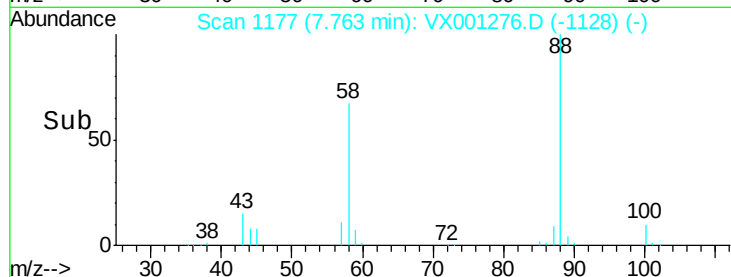
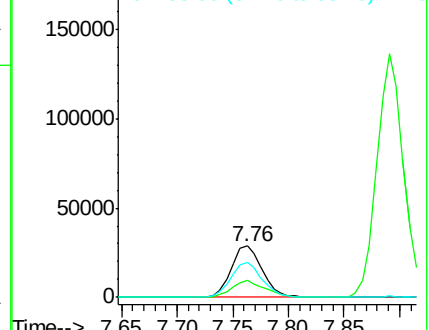
58 68.4 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.18 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001276.D

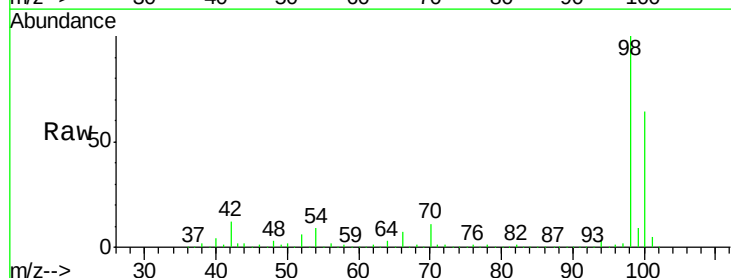
Acq: 01 May 2018 13:39

Tgt Ion: 98 Resp: 458958

Ion Ratio Lower Upper

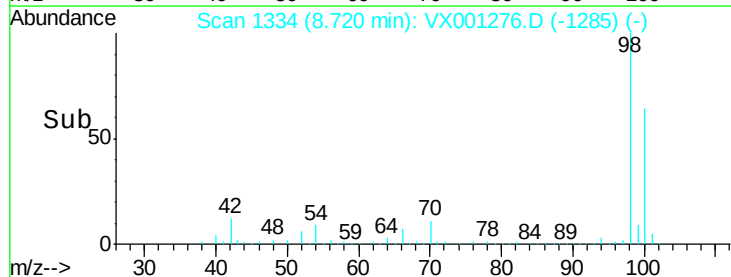
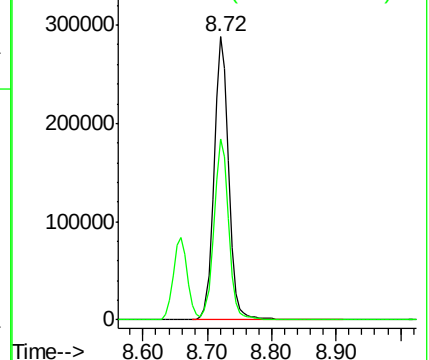
98 100

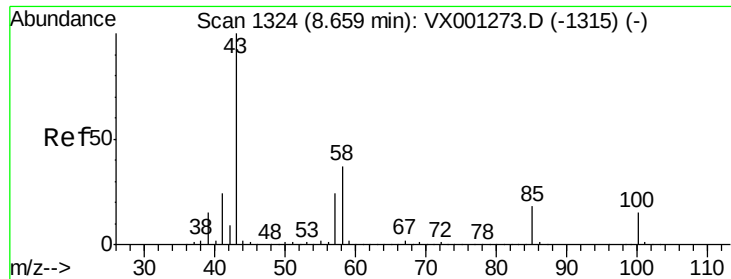
100 64.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 262.85 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

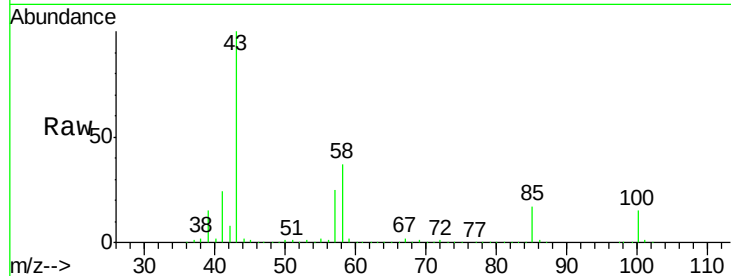
ICVVX050118

Tgt Ion: 43 Resp: 896417

Ion Ratio Lower Upper

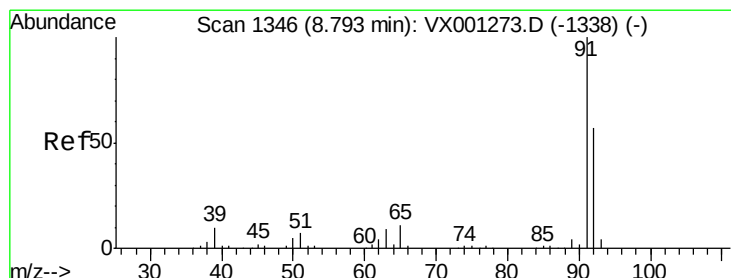
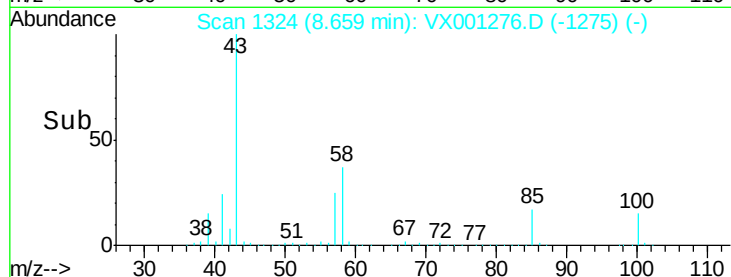
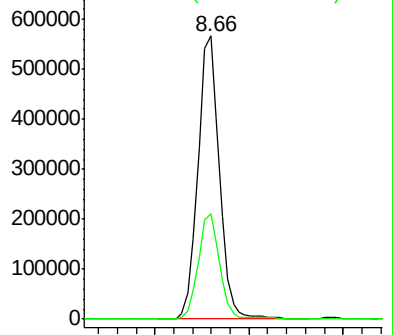
43 100

58 36.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.21 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001276.D

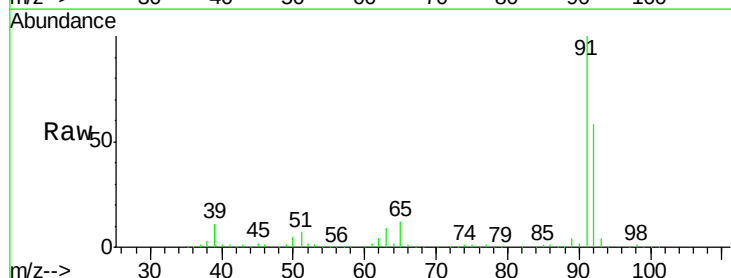
Acq: 01 May 2018 13:39

Tgt Ion: 92 Resp: 311618

Ion Ratio Lower Upper

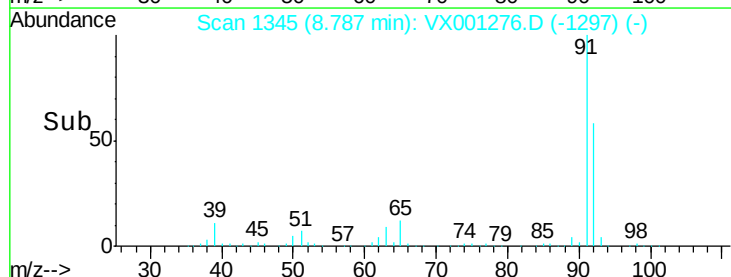
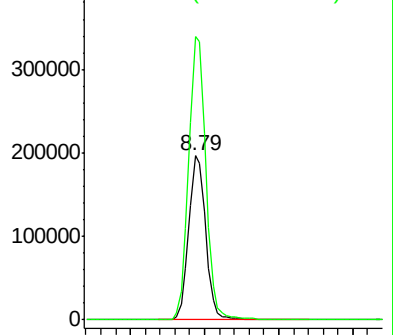
92 100

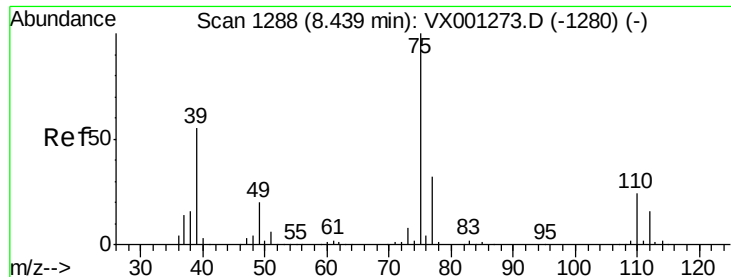
91 174.4 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.79 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

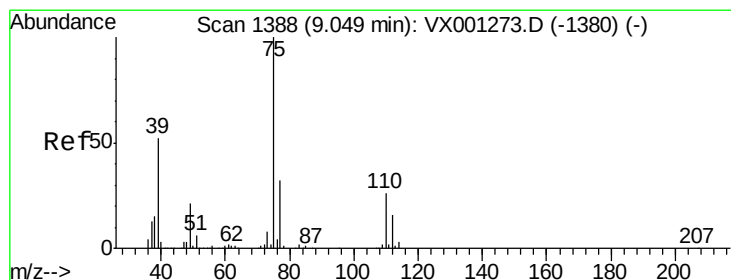
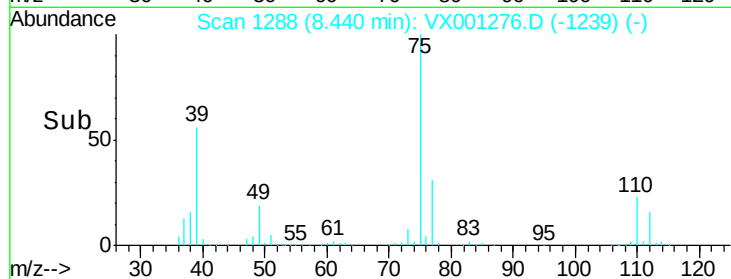
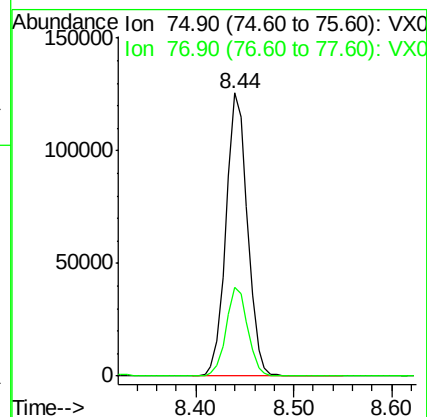
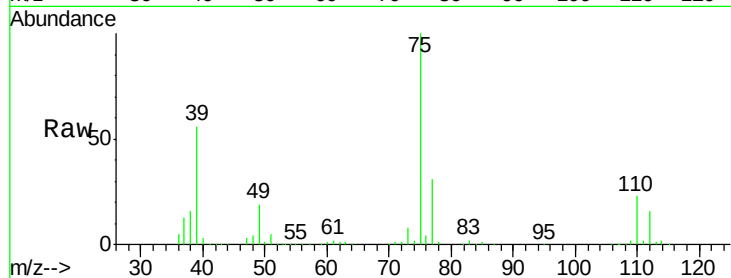
ICVVX050118

Tgt Ion: 75 Resp: 191650

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 55.88 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

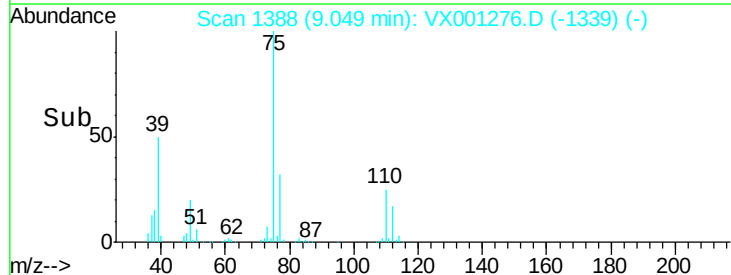
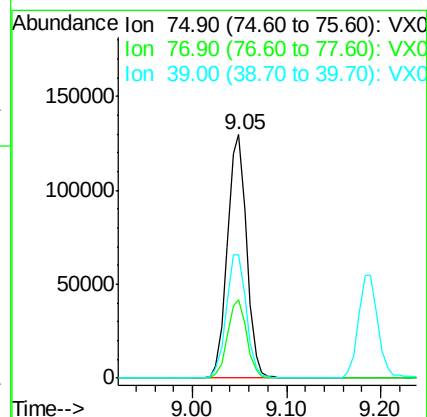
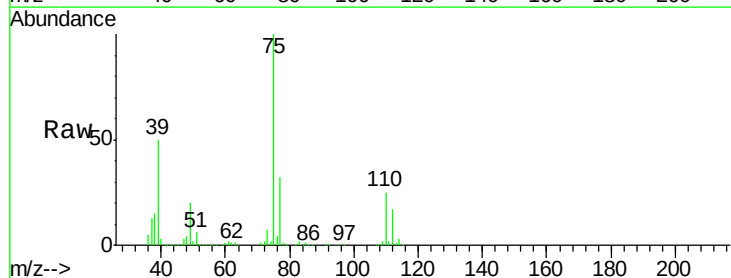
Tgt Ion: 75 Resp: 183188

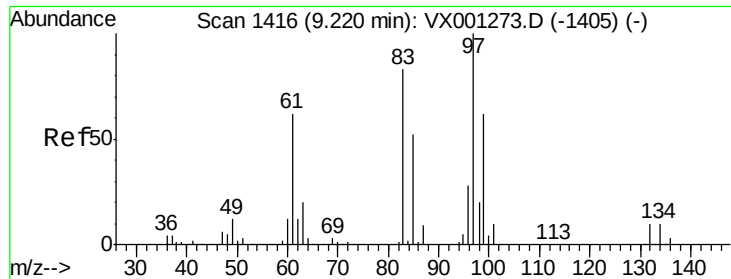
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 50.3 41.9 62.9

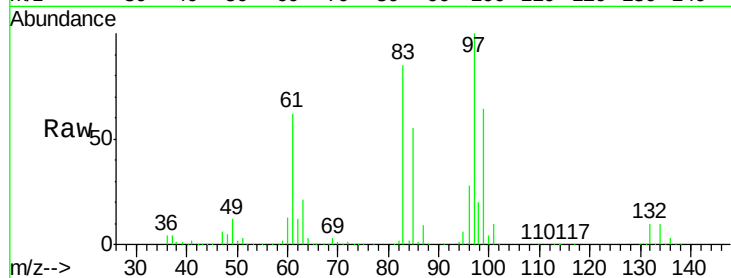




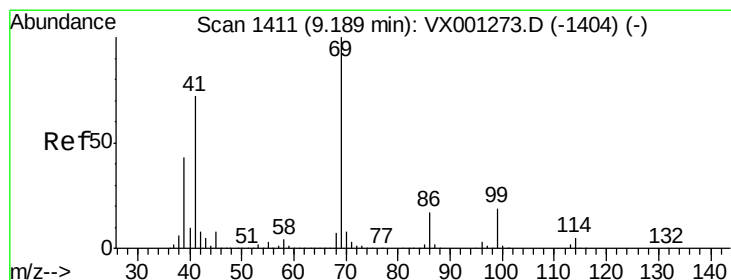
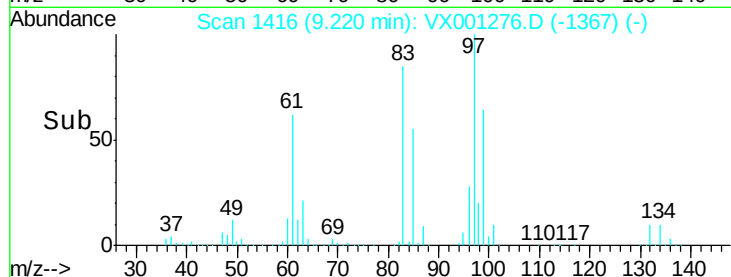
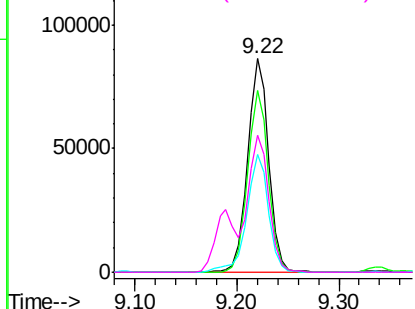
#55
 1,1,2-Trichloroethane
 Concen: 50.42 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tgt Ion:	97	Resp:	123934
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.4	99.6
85	55.1	41.6	62.4
99	63.9	49.3	73.9

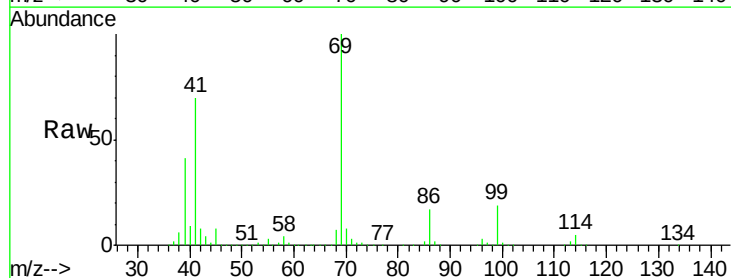


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

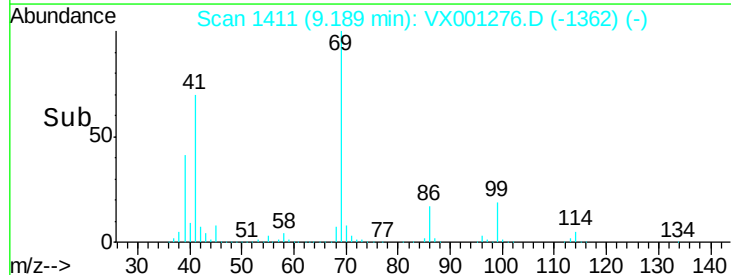
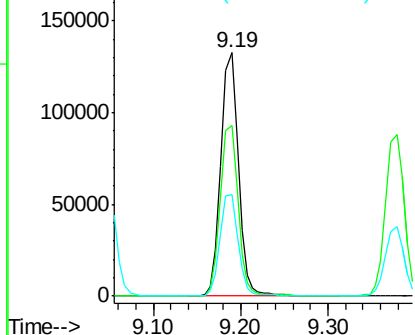


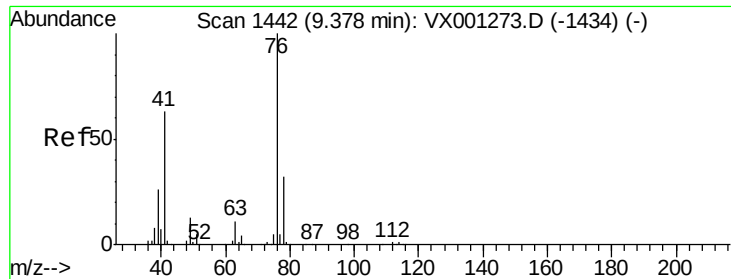
#56
 Ethyl methacrylate
 Concen: 54.64 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion:	69	Resp:	186099
Ion	Ratio	Lower	Upper
69	100		
41	70.9	57.2	85.8
39	42.5	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

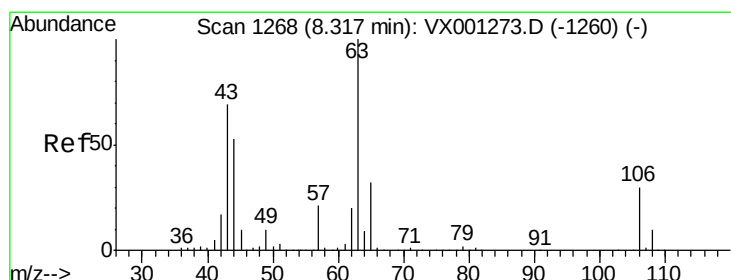
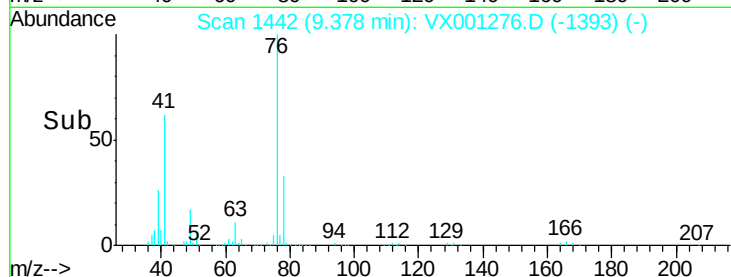
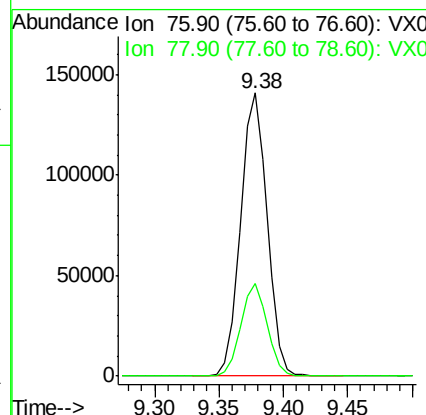
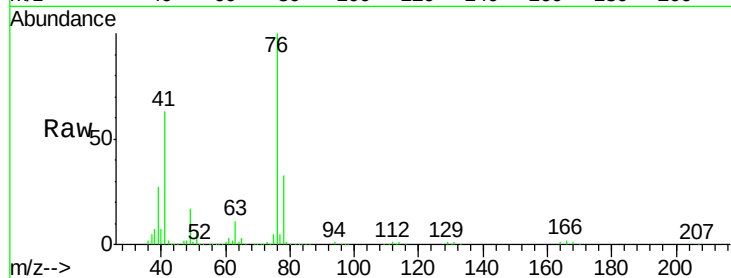




#57
 1,3-Dichloropropane
 Concen: 50.86 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

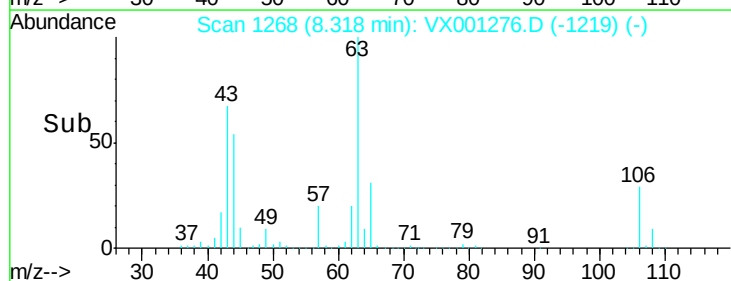
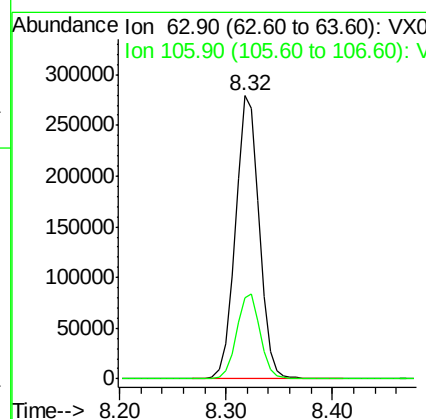
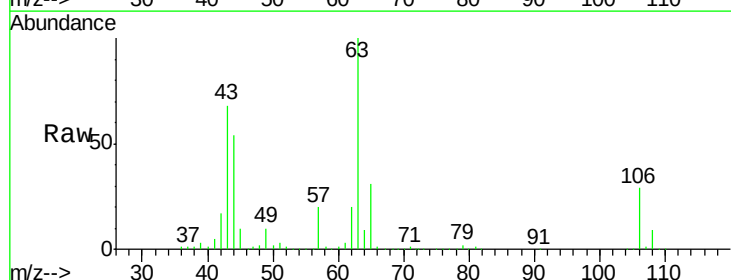
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

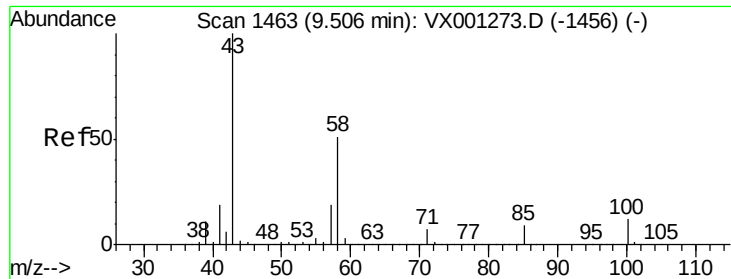
Tgt Ion: 76 Resp: 201102
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.13 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion: 63 Resp: 435650
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.6

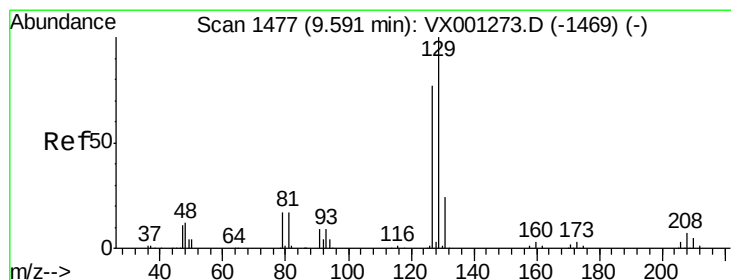
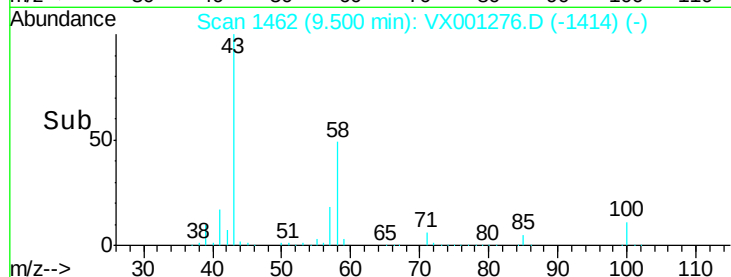
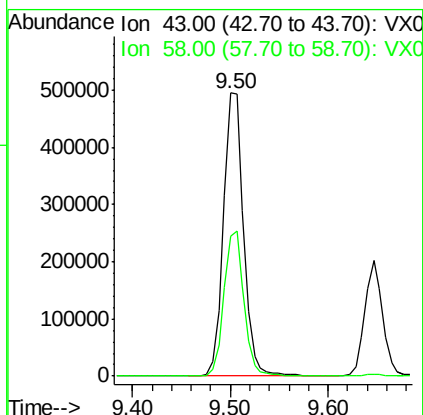
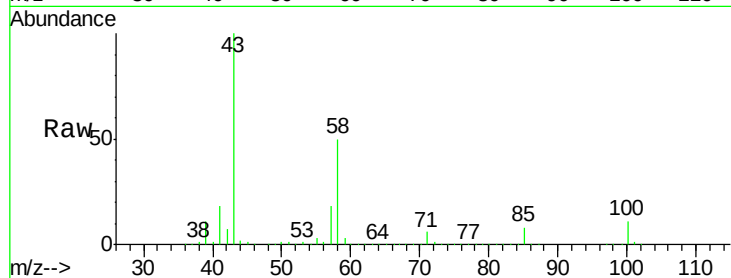




#59
2-Hexanone
Concen: 265.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

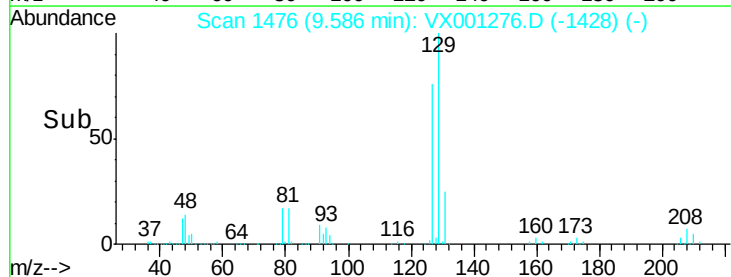
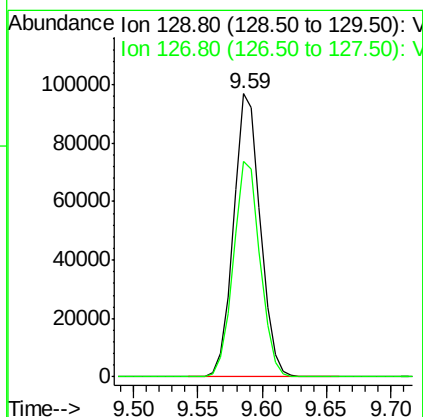
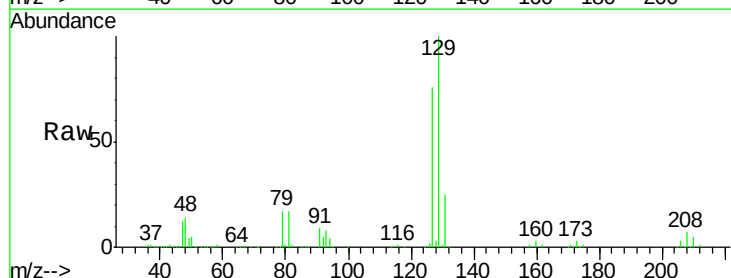
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

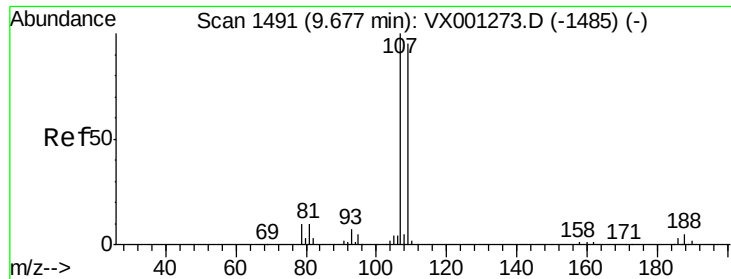
Tgt Ion: 43 Resp: 706518
Ion Ratio Lower Upper
43 100
58 51.0 25.7 77.0



#60
Dibromochloromethane
Concen: 54.58 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 129 Resp: 139938
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 51.41 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

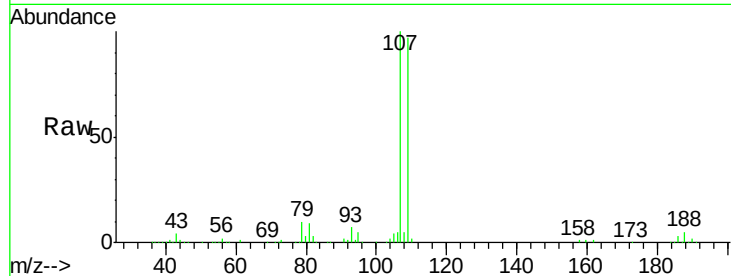
ICVVX050118

Tgt Ion: 107 Resp: 133920

Ion Ratio Lower Upper

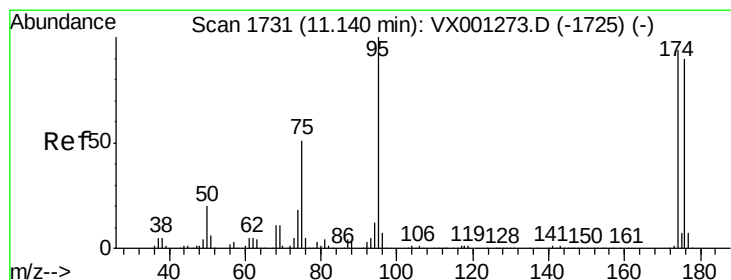
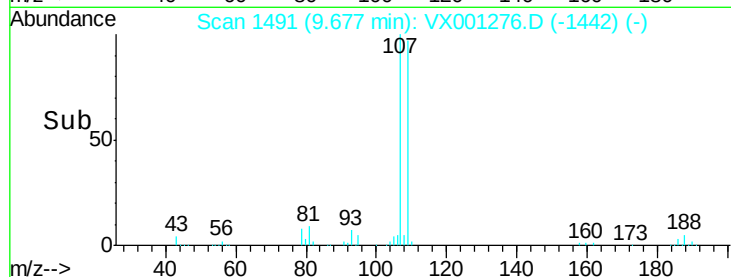
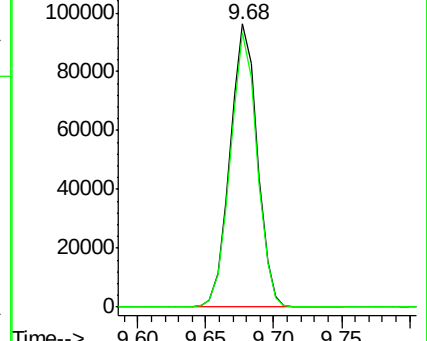
107 100

109 95.2 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: 52.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

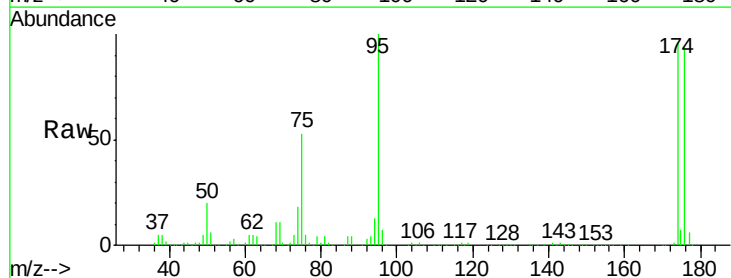
Tgt Ion: 95 Resp: 181804

Ion Ratio Lower Upper

95 100

174 101.4 0.0 201.8

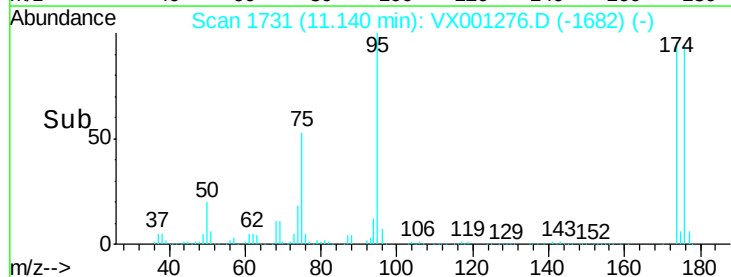
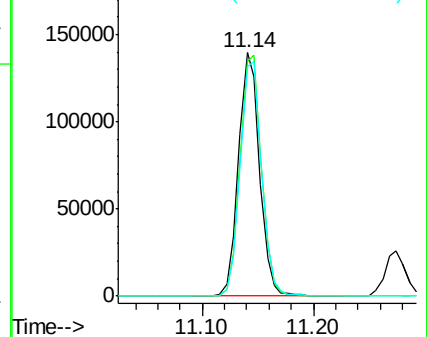
176 98.8 0.0 197.2

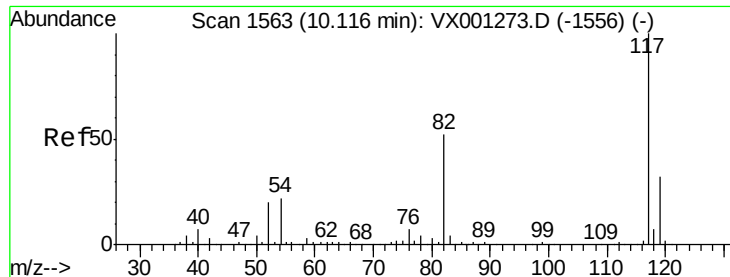


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

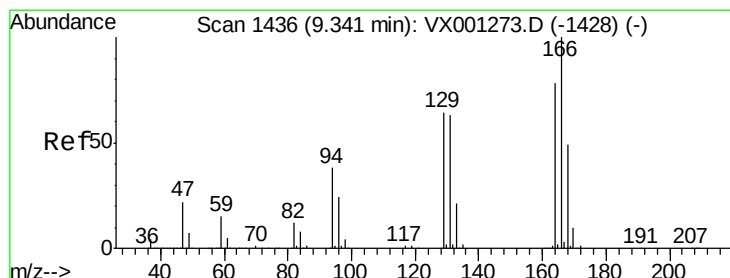
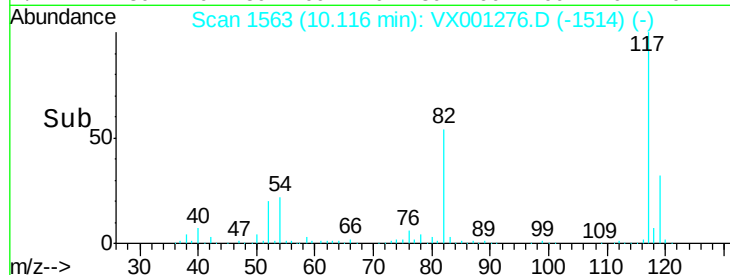
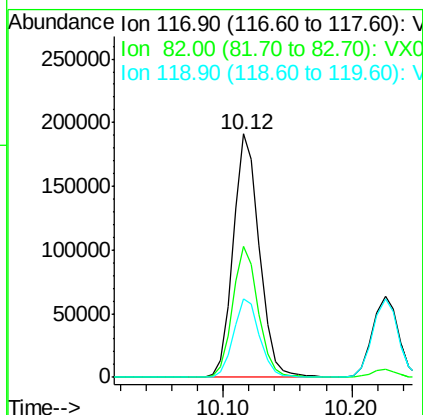
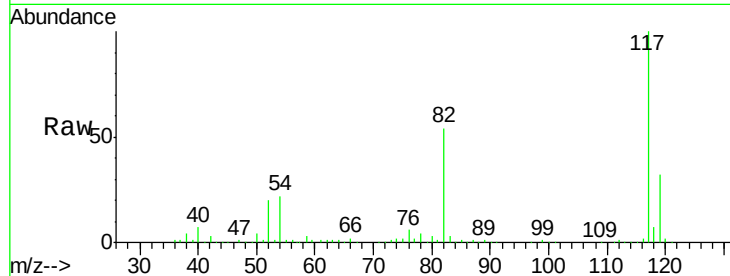




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

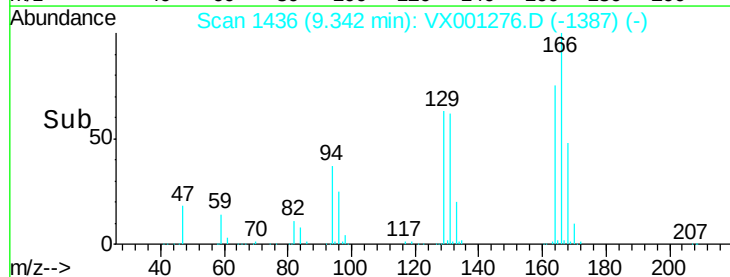
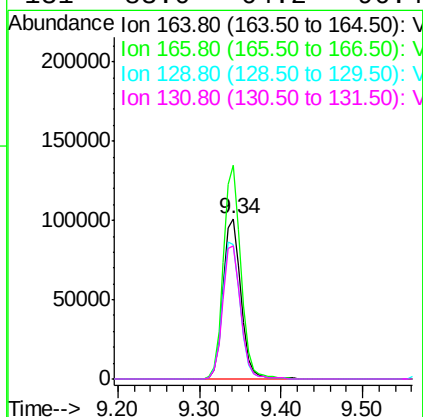
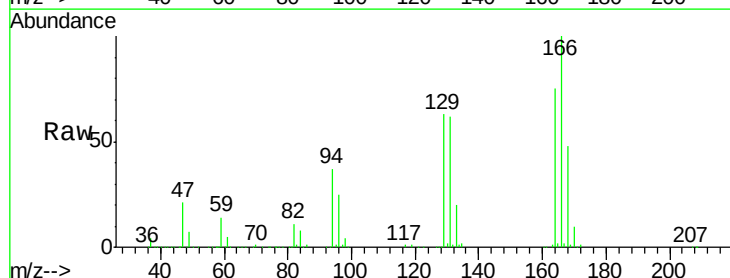
Instrument :
MSVOA_X
ClientSampled :
ICVVX050118

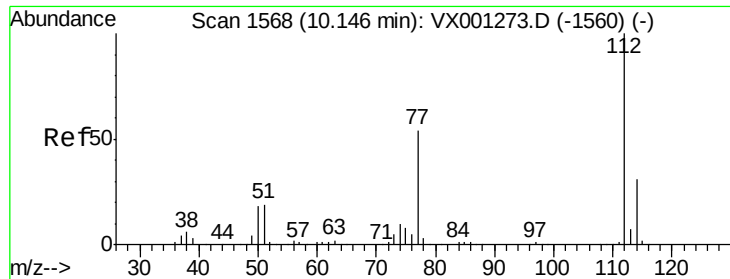
Tgt Ion:117 Resp: 270518
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 47.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion:164 Resp: 153022
Ion Ratio Lower Upper
164 100
166 133.0 102.3 153.5
129 83.4 65.1 97.7
131 83.0 64.2 96.4





#65

Chlorobenzene

Concen: 49.61 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

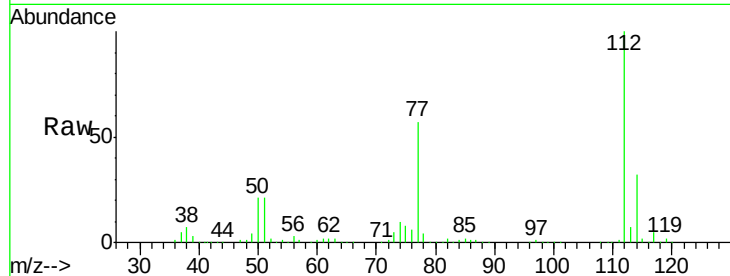
ICVVX050118

Tgt Ion:112 Resp: 364986

Ion Ratio Lower Upper

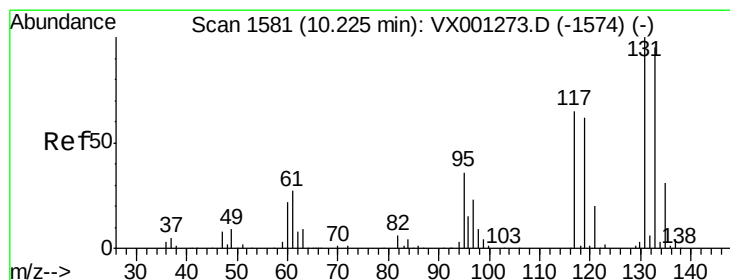
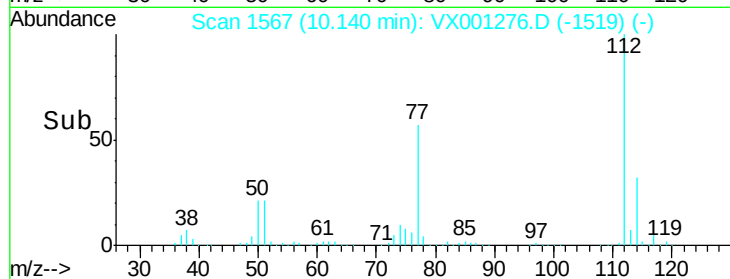
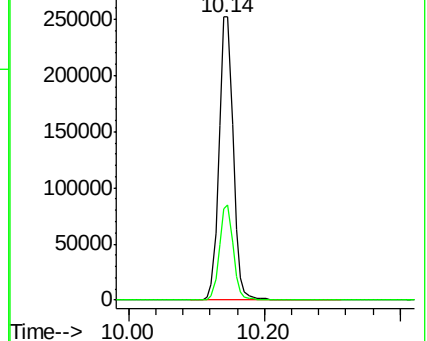
112 100

114 32.2 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.91 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

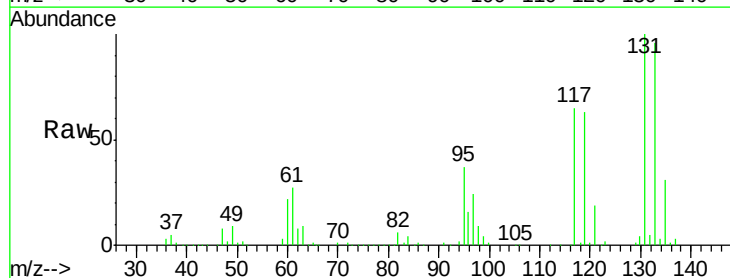
Tgt Ion:131 Resp: 135125

Ion Ratio Lower Upper

131 100

133 96.0 48.3 144.9

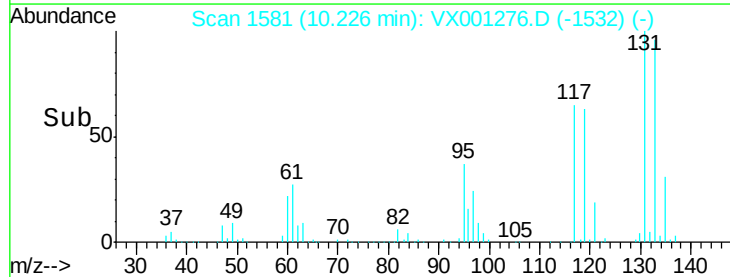
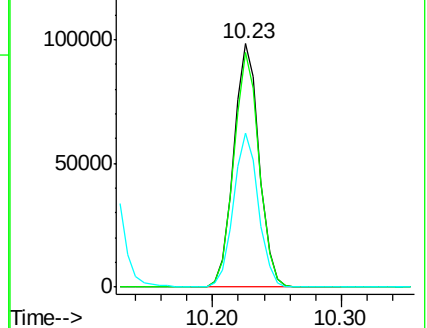
119 62.3 31.2 93.6

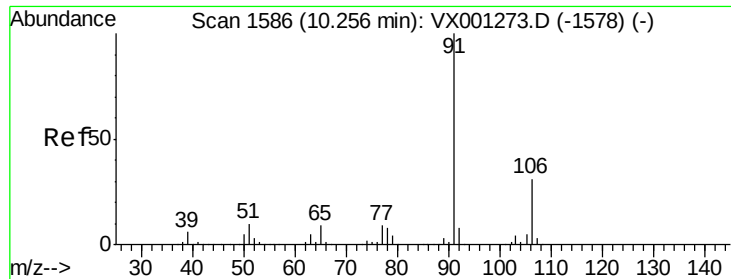


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

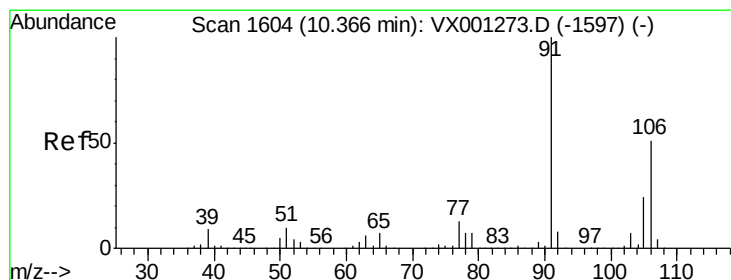
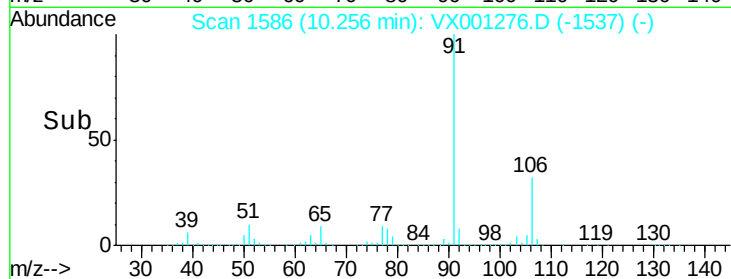
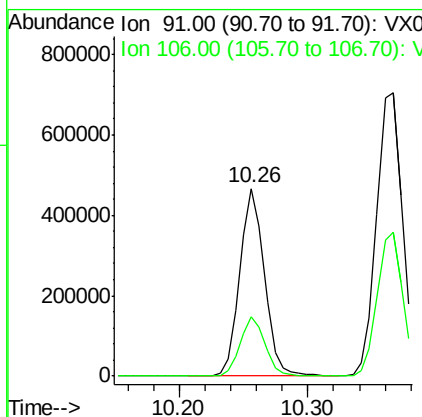
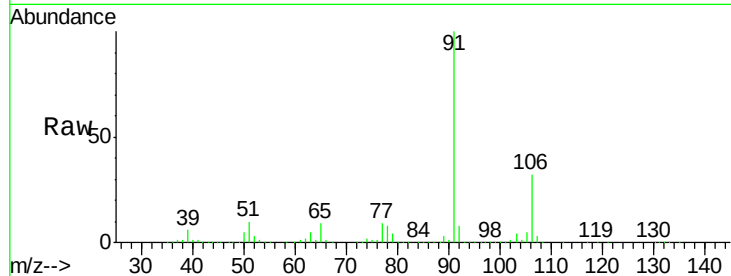




#67
Ethyl Benzene
Concen: 51.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

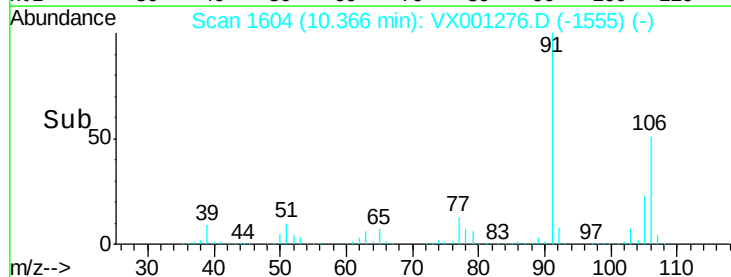
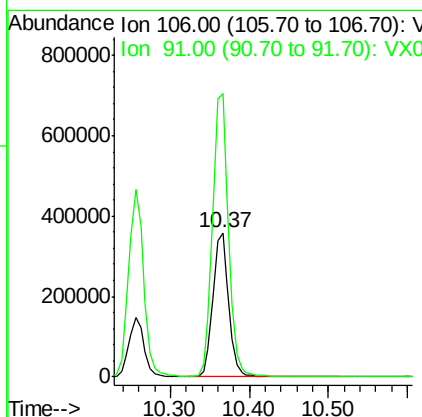
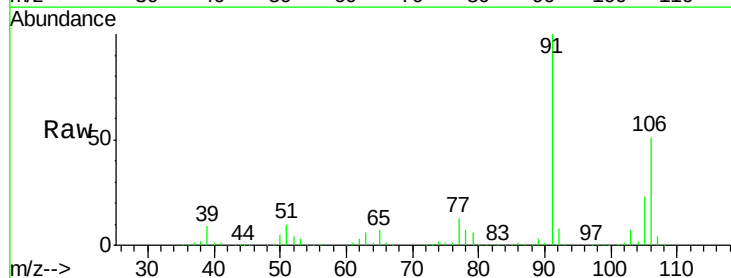
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

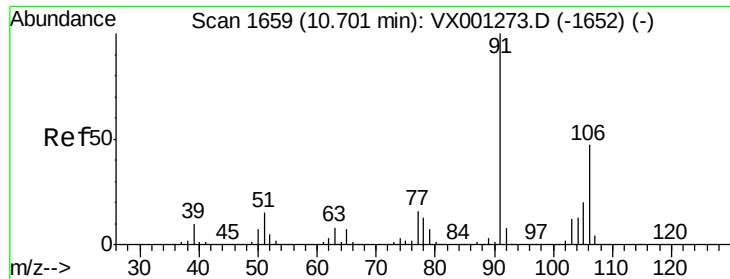
Tgt Ion: 91 Resp: 620762
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 104.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 106 Resp: 499214
Ion Ratio Lower Upper
106 100
91 200.4 159.4 239.2

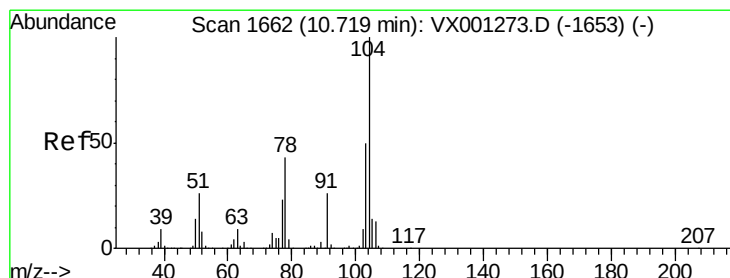
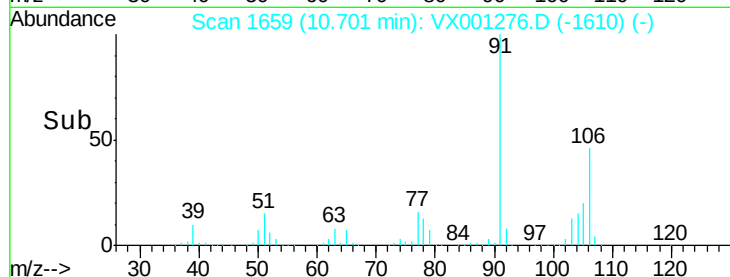
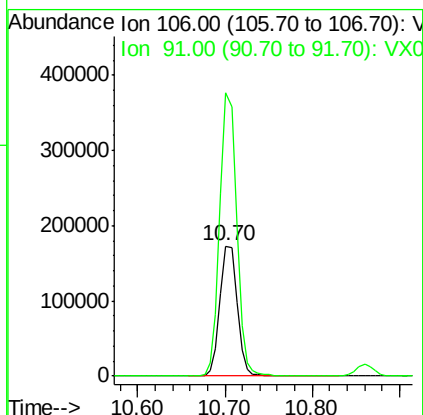
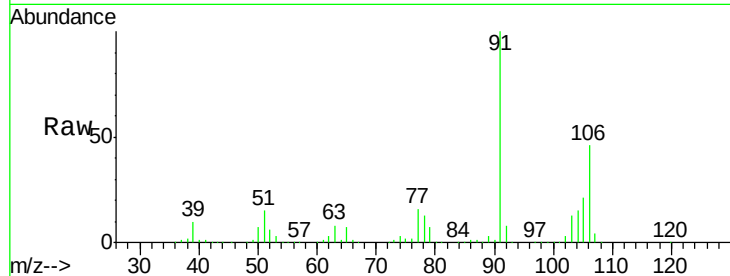




#69
o-Xylene
Concen: 51.62 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

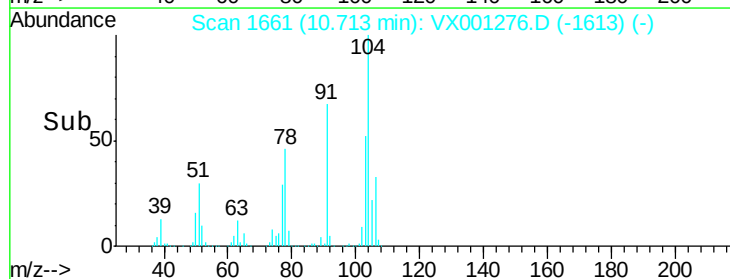
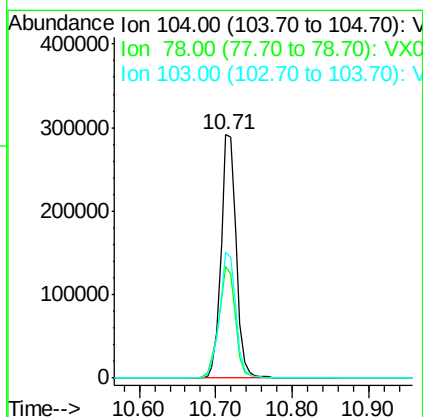
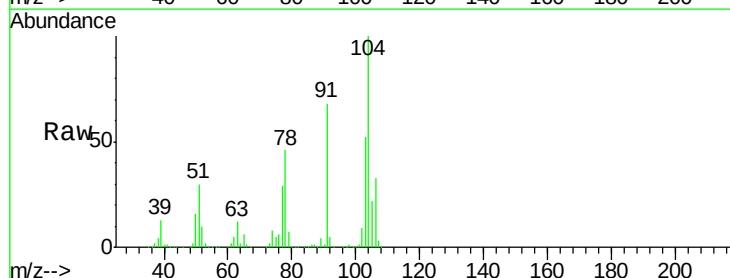
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

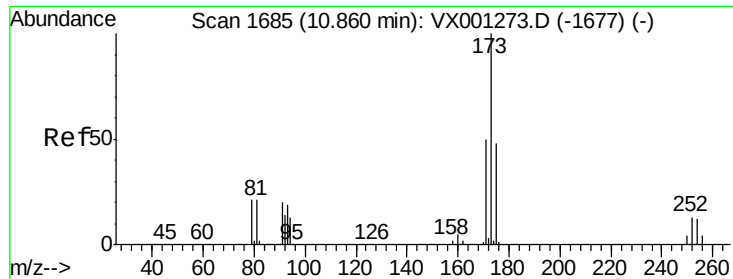
Tgt Ion:106 Resp: 238820
Ion Ratio Lower Upper
106 100
91 212.0 106.3 319.0



#70
Styrene
Concen: 52.77 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion:104 Resp: 399272
Ion Ratio Lower Upper
104 100
78 50.1 40.1 60.1
103 55.5 44.5 66.7





#71

Bromoform

Concen: 47.67 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

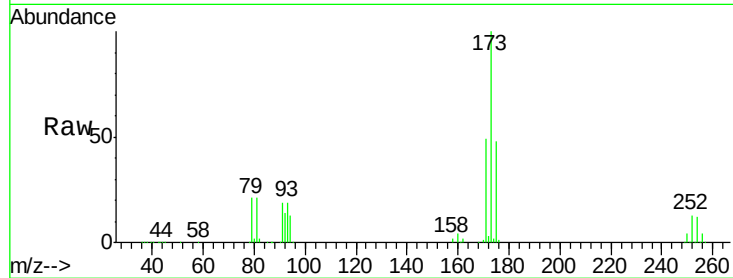
Tgt Ion:173 Resp: 117098

Ion Ratio Lower Upper

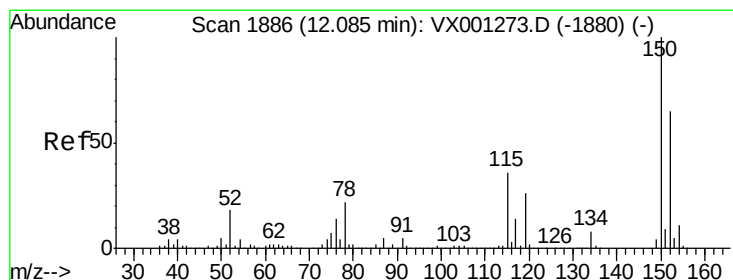
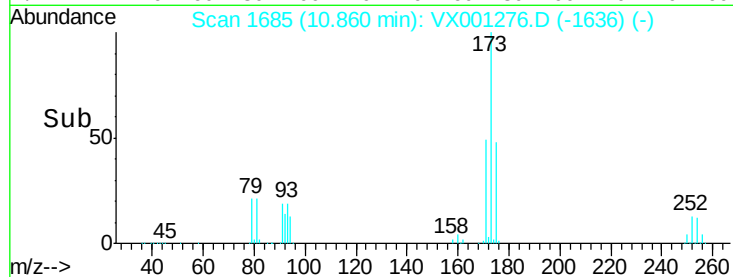
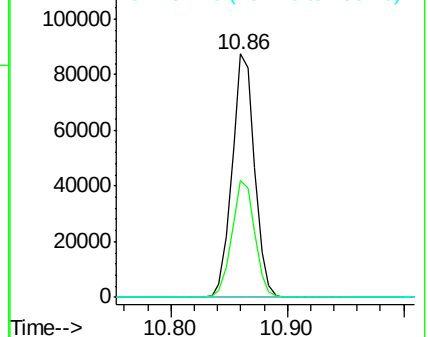
173 100

175 48.7 24.6 74.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

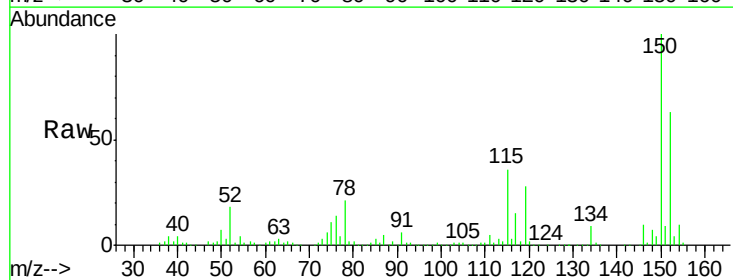
Tgt Ion:152 Resp: 195536

Ion Ratio Lower Upper

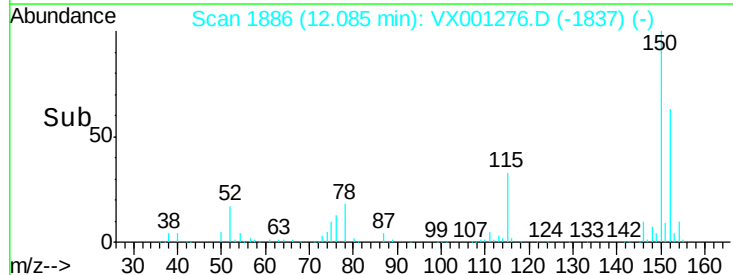
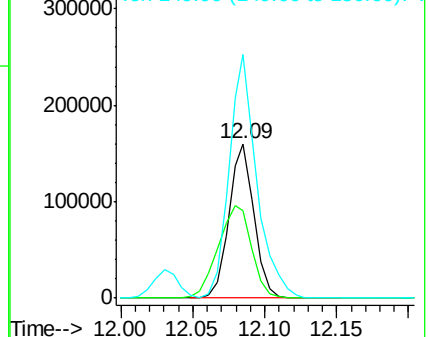
152 100

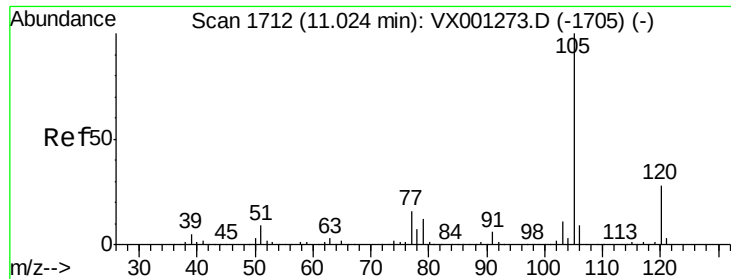
115 79.6 38.6 115.7

150 173.6 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: 50.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

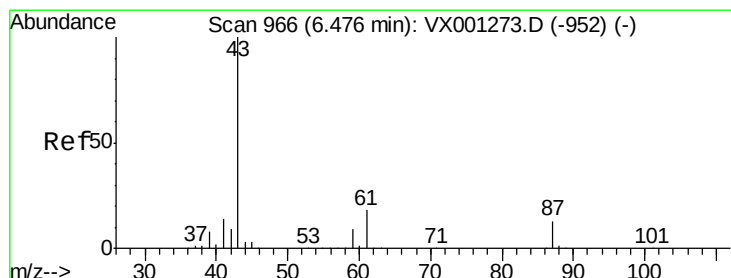
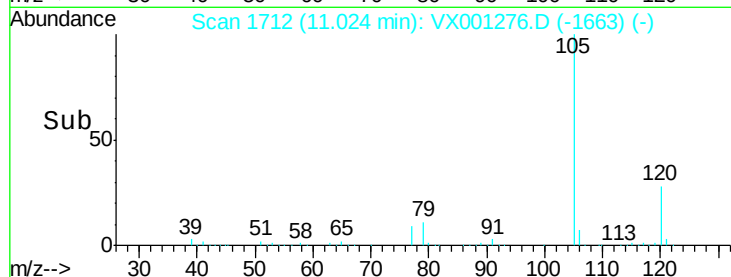
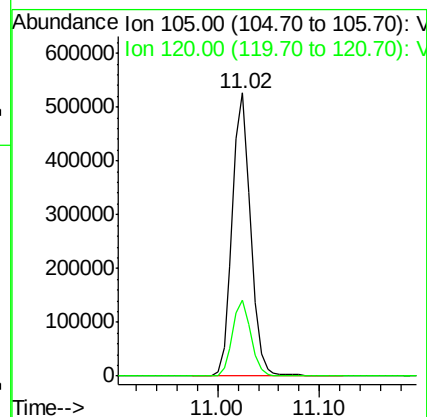
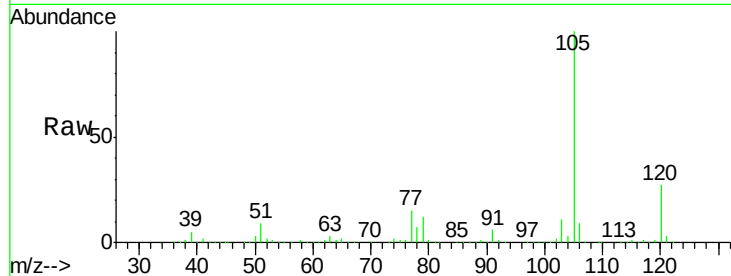
ICVVX050118

Tgt Ion: 105 Resp: 654741

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



#74

N-ethyl acetate

Concen: 49.63 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion: 43 Resp: 278496

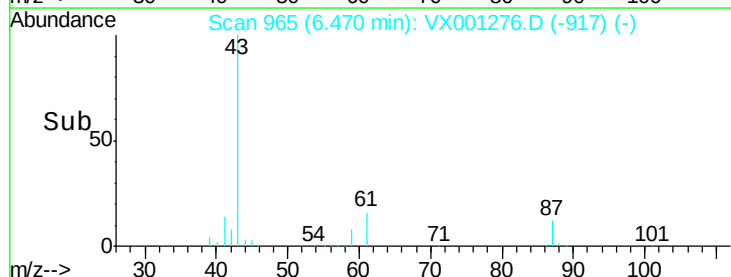
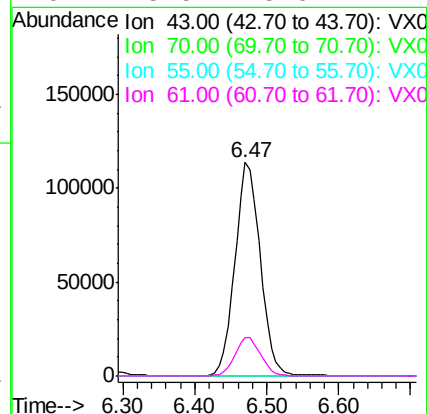
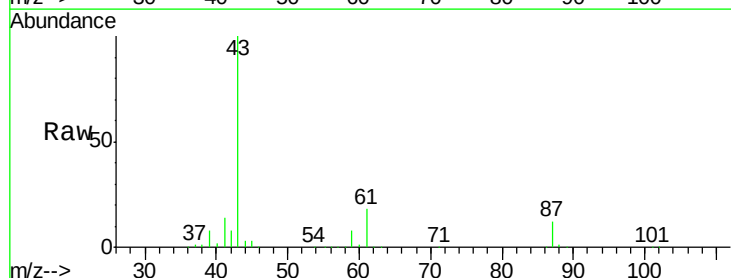
Ion Ratio Lower Upper

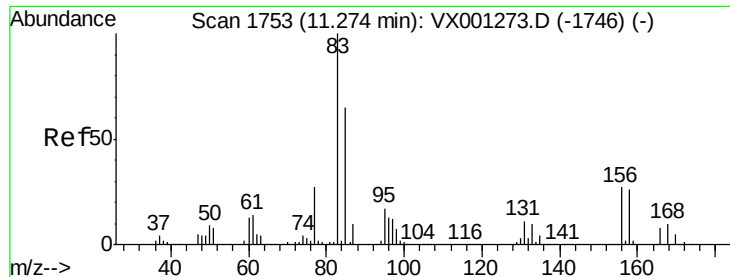
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.5 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

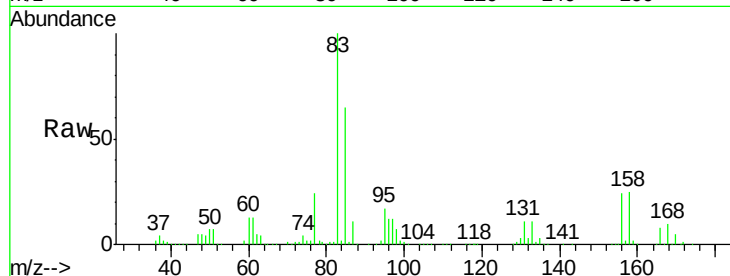
Tgt Ion: 83 Resp: 193199

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.3

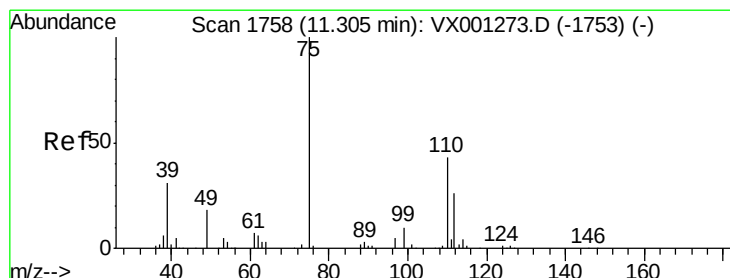
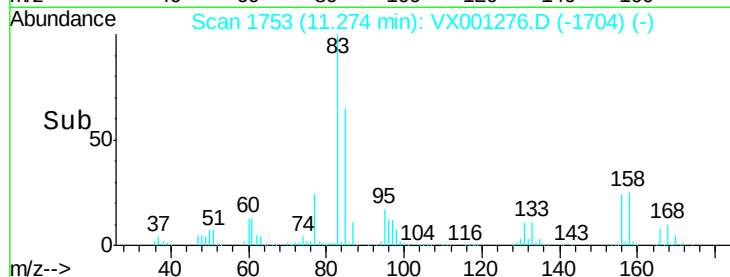
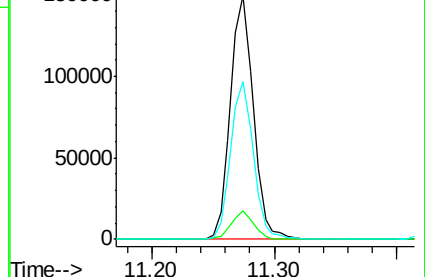
85 64.4 32.6 97.7



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: 61.22 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001276.D

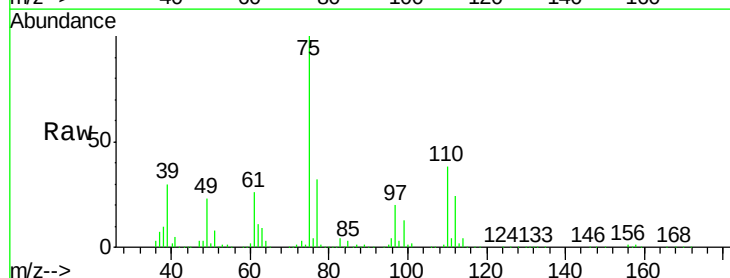
Acq: 01 May 2018 13:39

Tgt Ion: 75 Resp: 221348

Ion Ratio Lower Upper

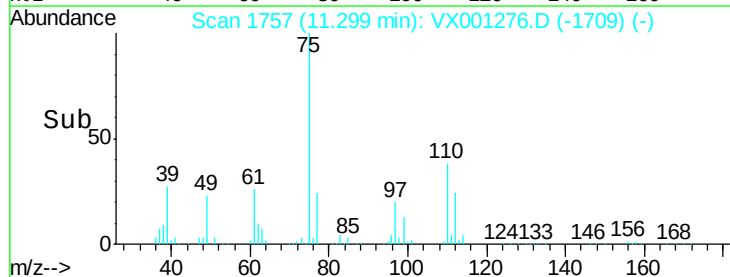
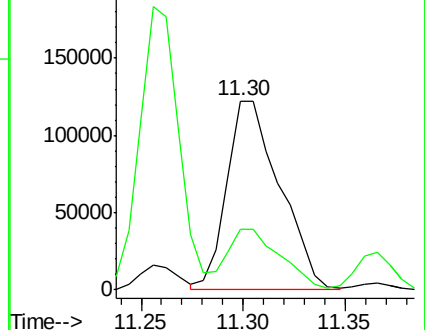
75 100

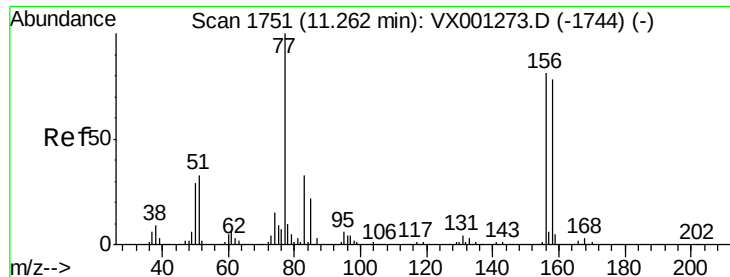
77 30.8 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

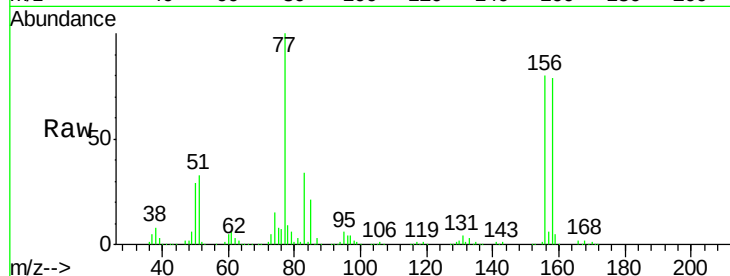
Tgt Ion:156 Resp: 185197

Ion Ratio Lower Upper

156 100

77 131.0 65.3 195.8

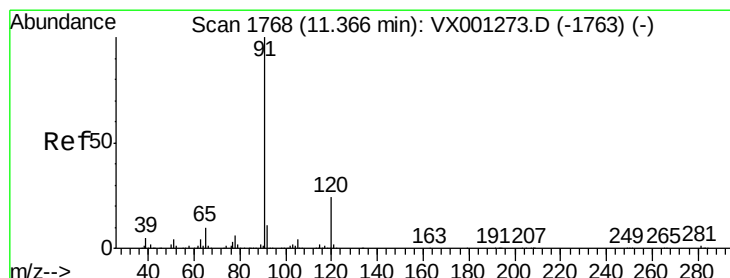
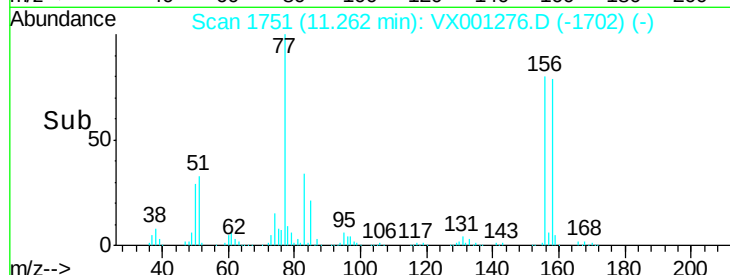
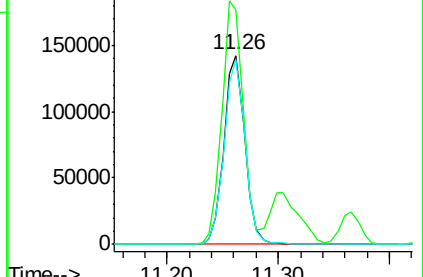
158 97.7 48.5 145.5



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: 51.83 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001276.D

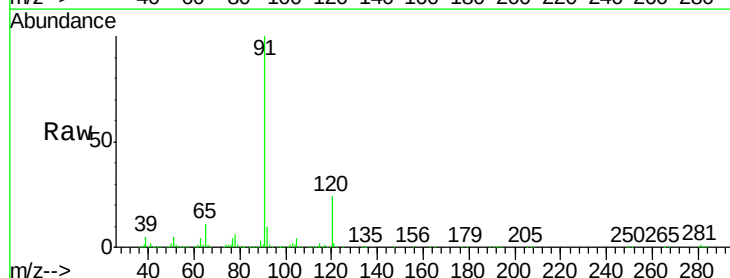
Acq: 01 May 2018 13:39

Tgt Ion: 91 Resp: 753467

Ion Ratio Lower Upper

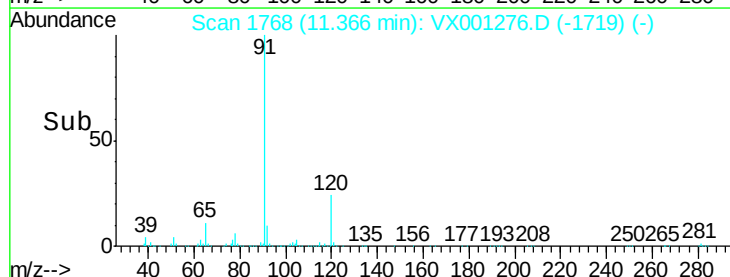
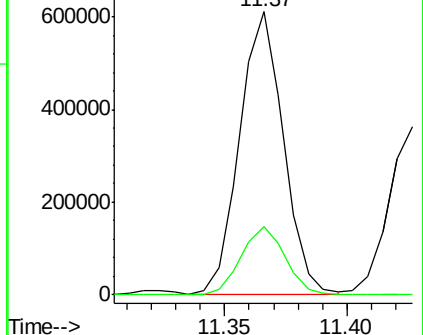
91 100

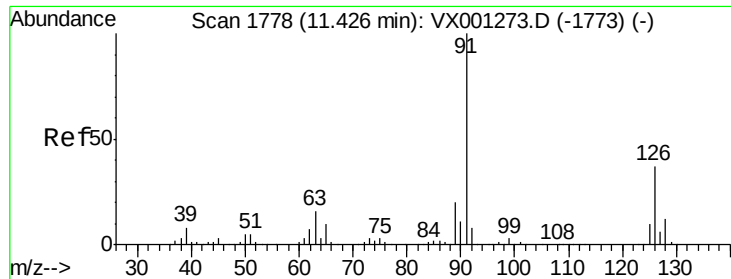
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.42 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

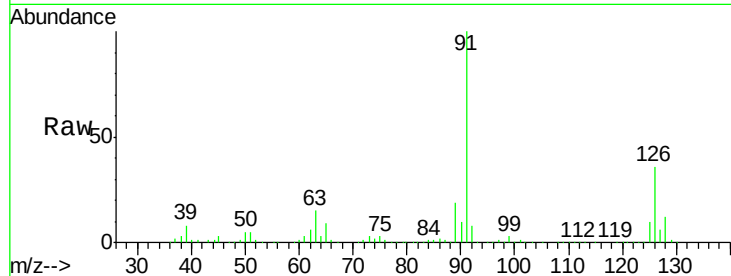
ICVVX050118

Tgt Ion: 91 Resp: 442306

Ion Ratio Lower Upper

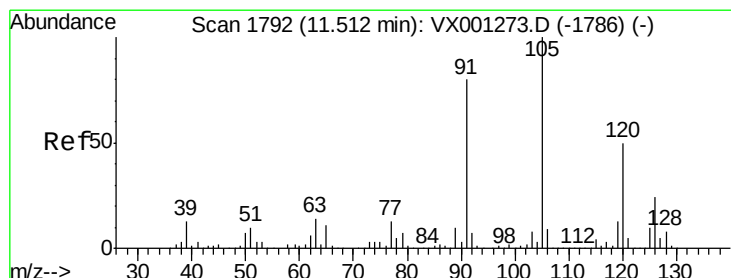
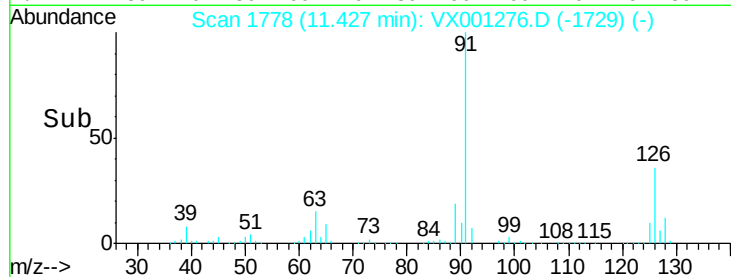
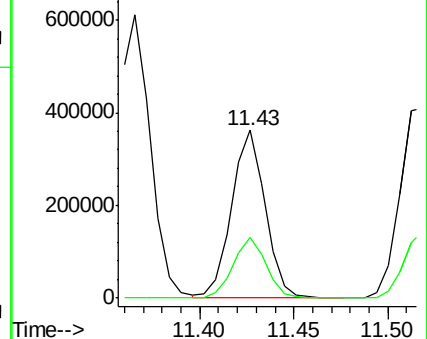
91 100

126 36.1 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001276.D

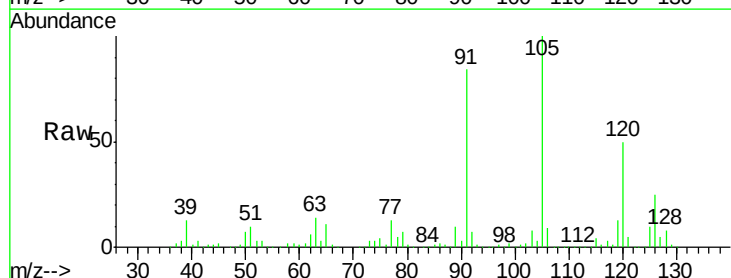
Acq: 01 May 2018 13:39

Tgt Ion: 105 Resp: 571971

Ion Ratio Lower Upper

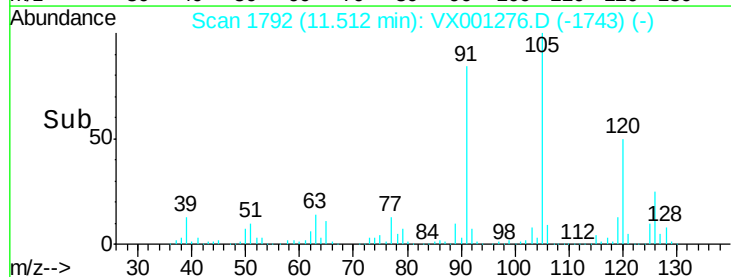
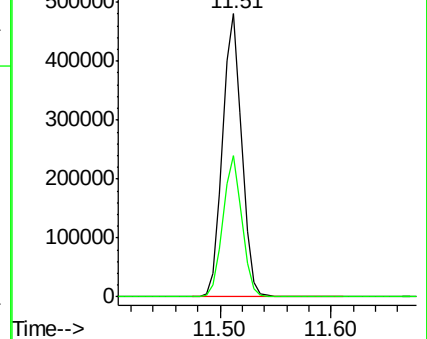
105 100

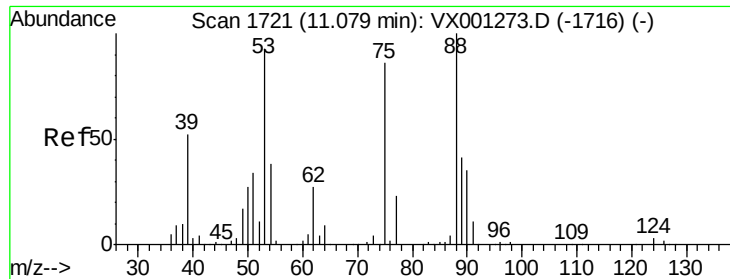
120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.35 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

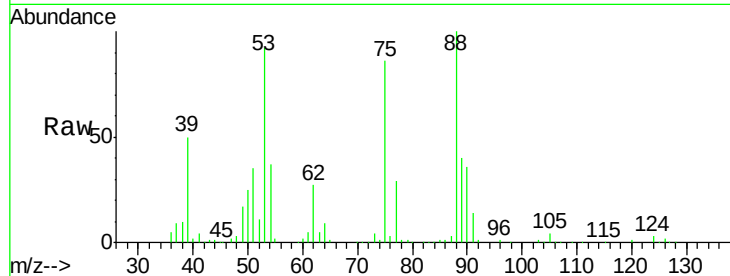
Tgt Ion: 75 Resp: 52345

Ion Ratio Lower Upper

75 100

53 110.8 87.1 130.7

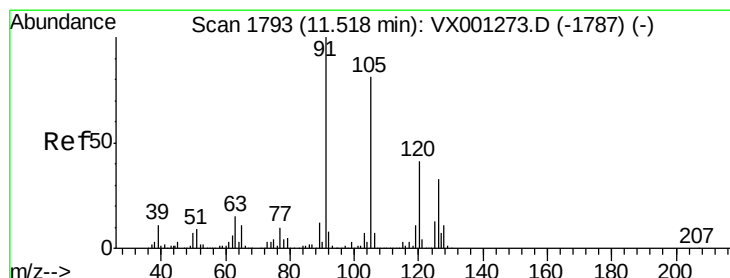
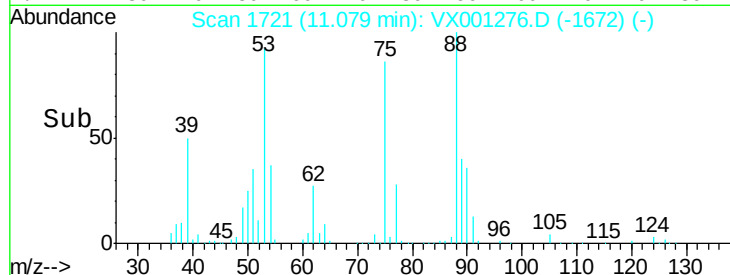
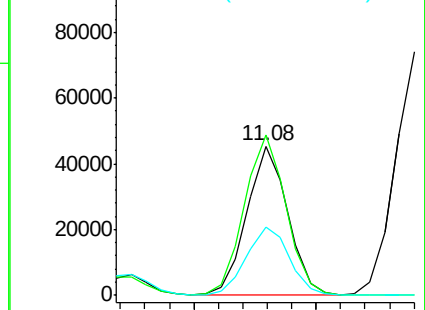
89 48.9 38.9 58.3



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: 50.89 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001276.D

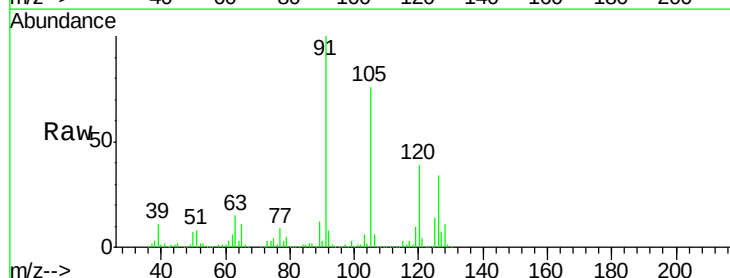
Acq: 01 May 2018 13:39

Tgt Ion: 91 Resp: 536912

Ion Ratio Lower Upper

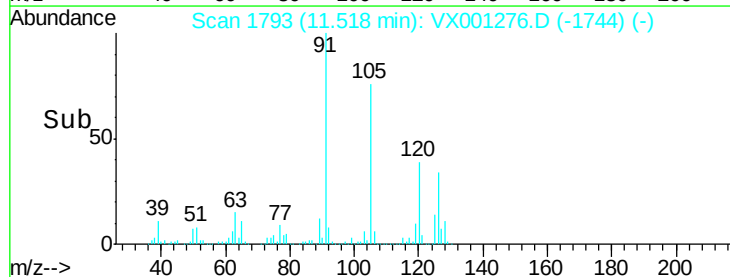
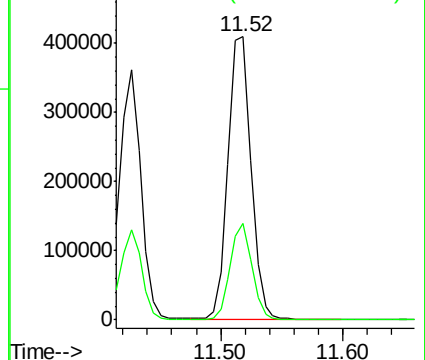
91 100

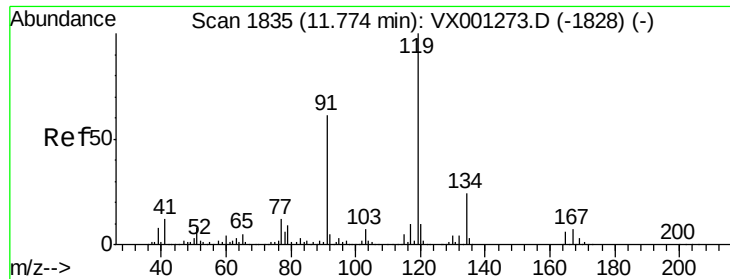
126 32.0 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

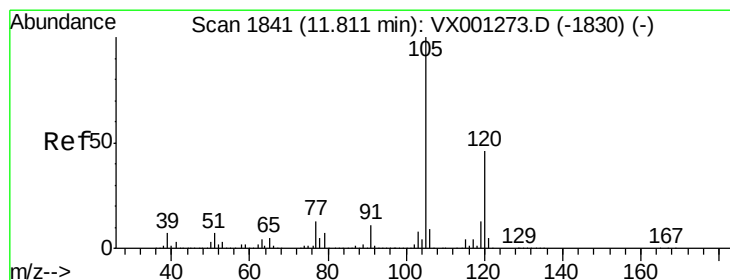
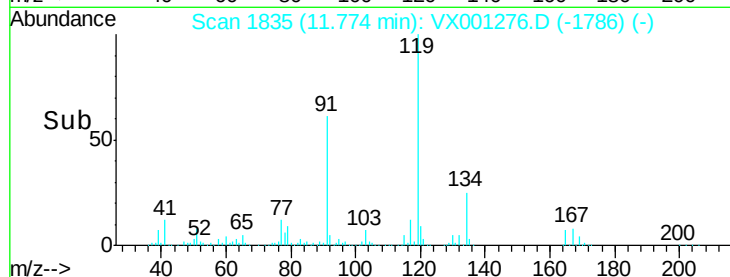
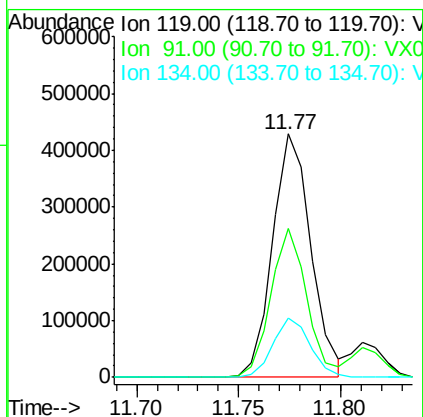
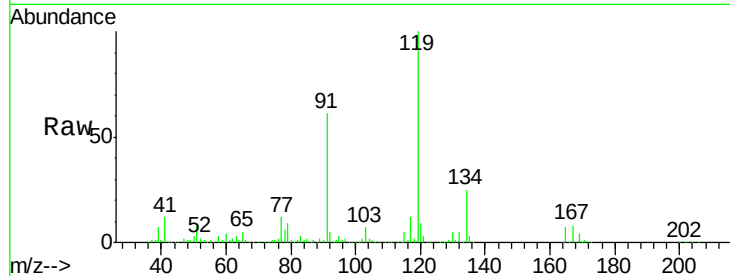




#83
 tert-Butylbenzene
 Concen: 51.30 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

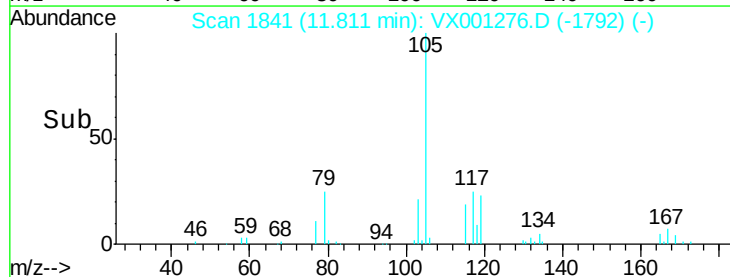
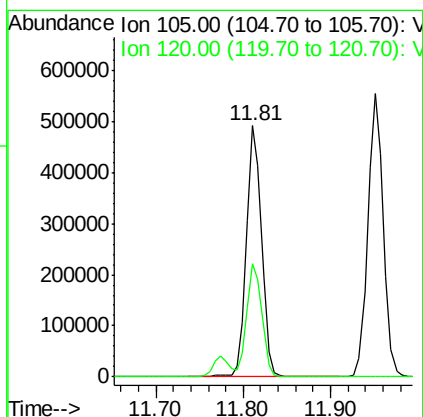
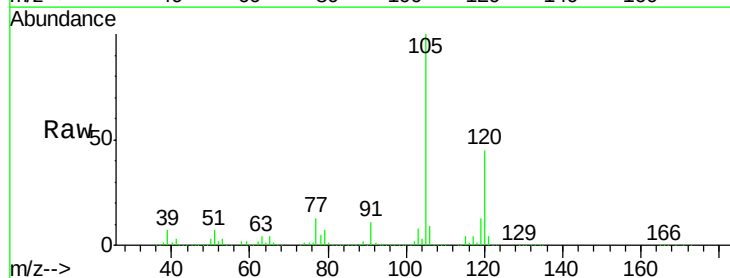
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

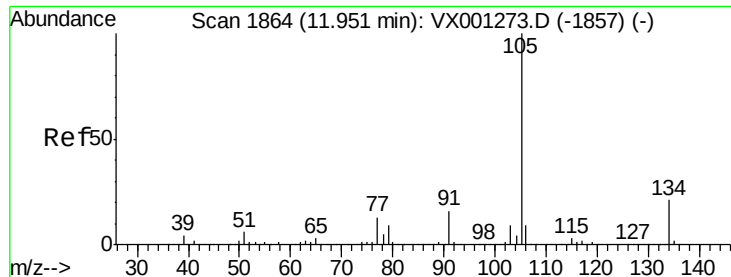
Tgt Ion:119 Resp: 561974
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.1 84.3
 134 23.8 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion:105 Resp: 586702
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1

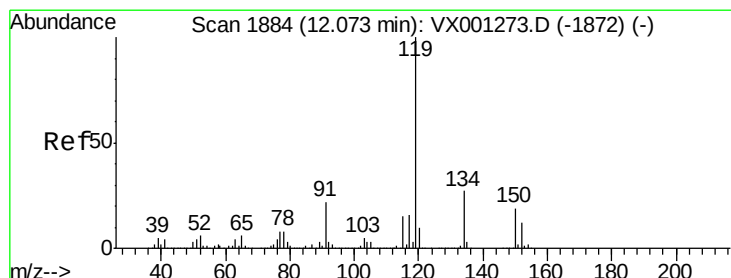
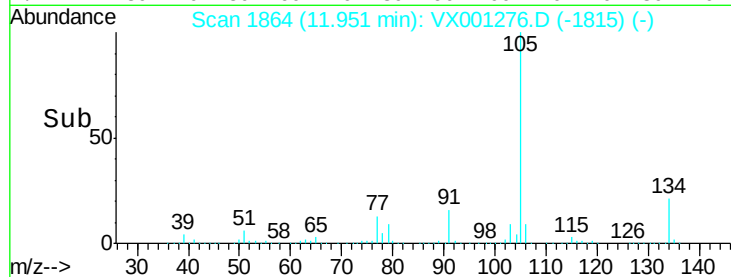
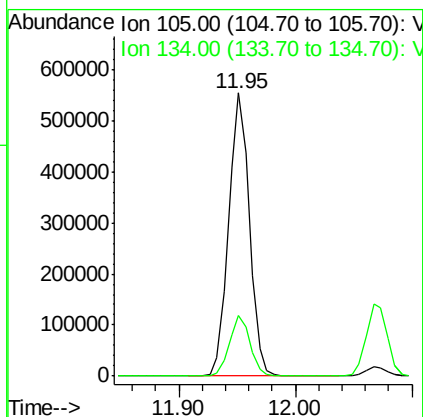
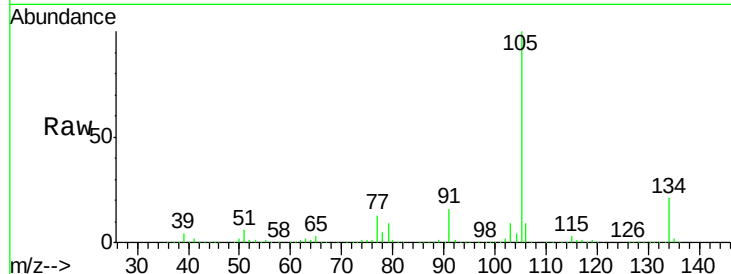




#85
 sec-Butylbenzene
 Concen: 52.49 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

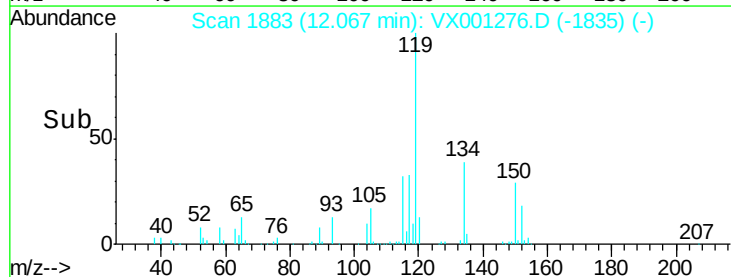
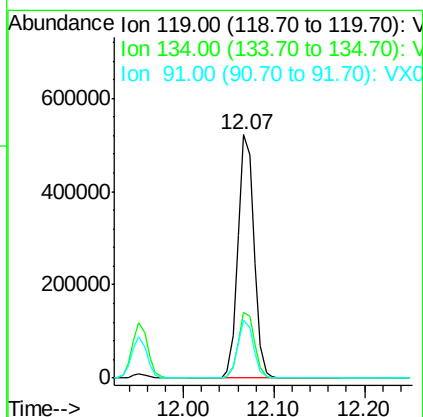
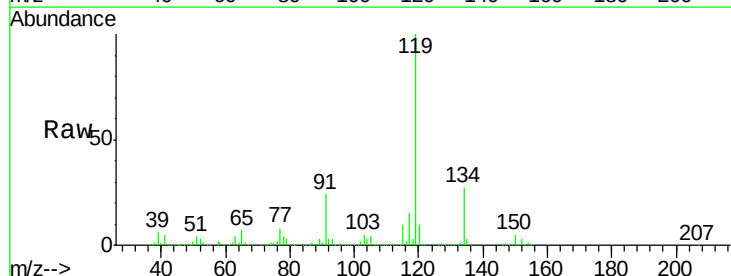
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

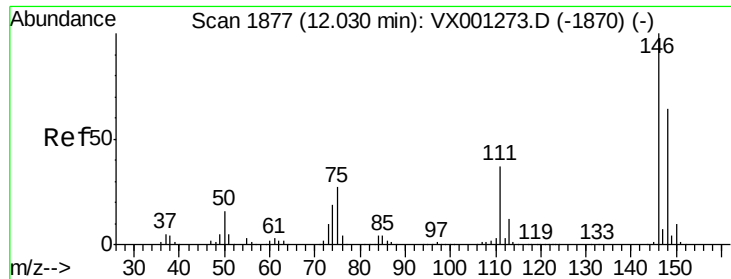
Tgt Ion:105 Resp: 687957
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 53.34 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion:119 Resp: 641266
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 23.2 11.7 35.1

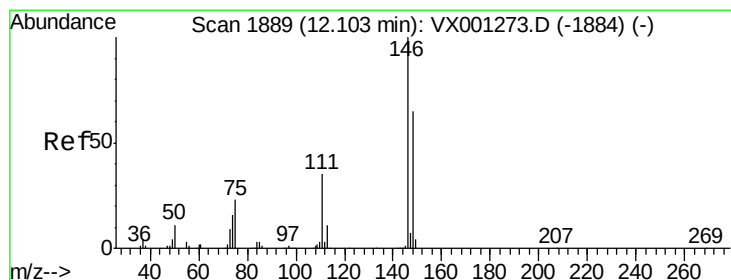
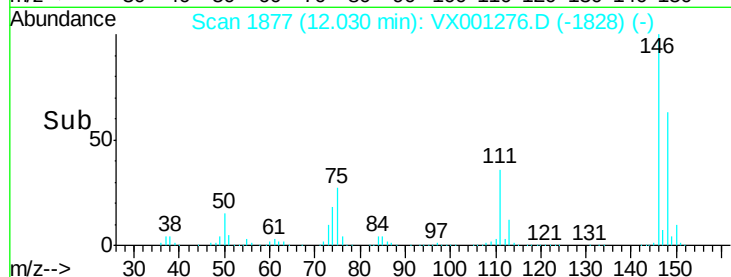
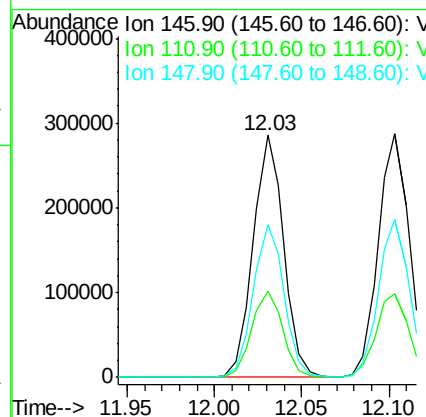
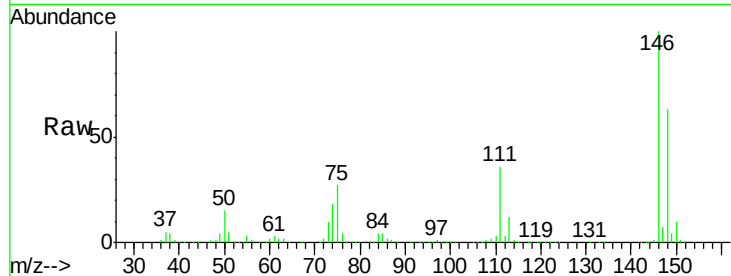




#87
 1,3-Dichlorobenzene
 Concen: 49.42 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

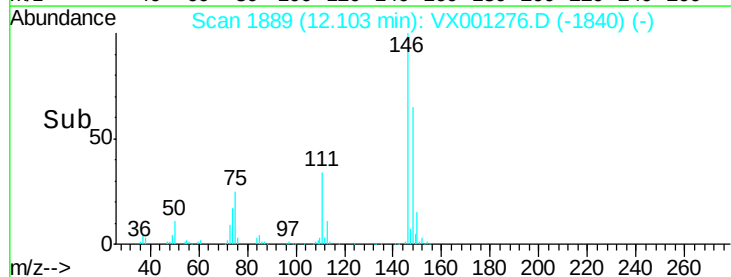
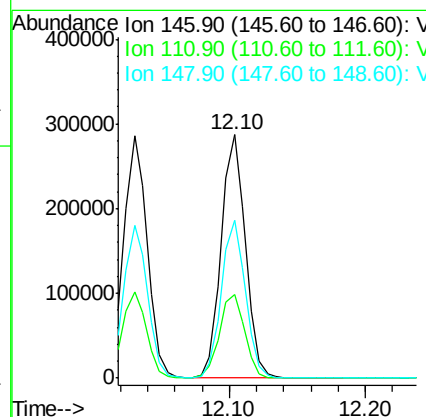
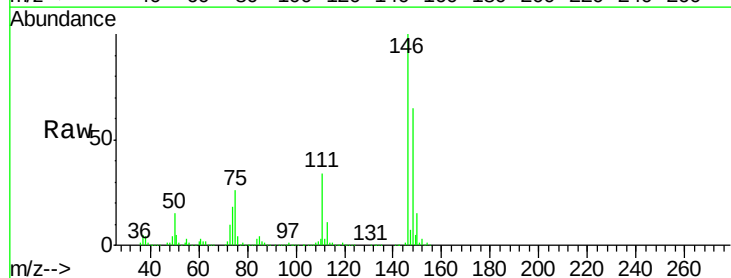
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

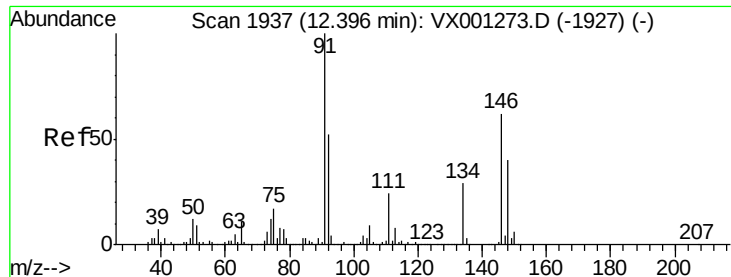
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.2
148	63.7	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.85 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.9	53.7
148	64.5	32.3	96.8

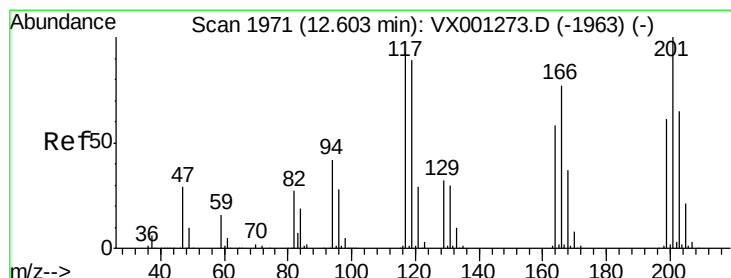
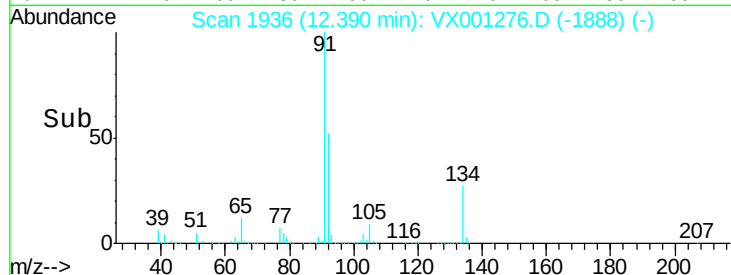
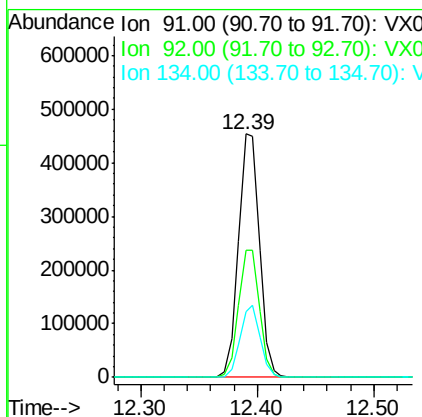
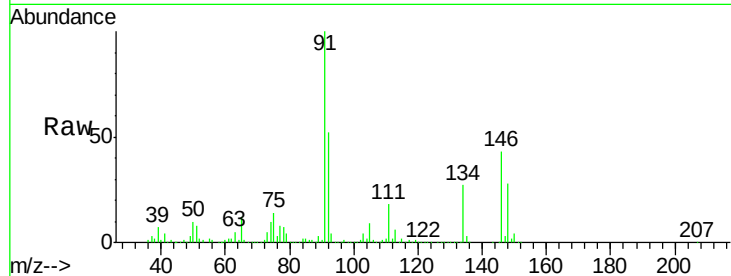




#89
n-Butylbenzene
Concen: 54.38 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

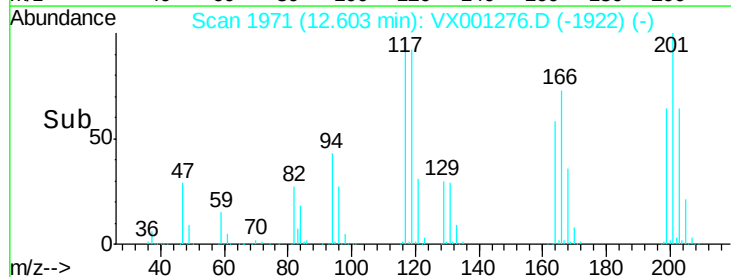
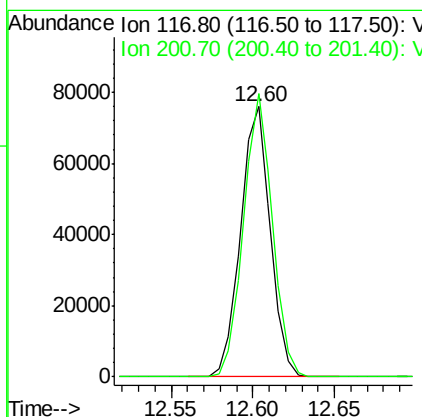
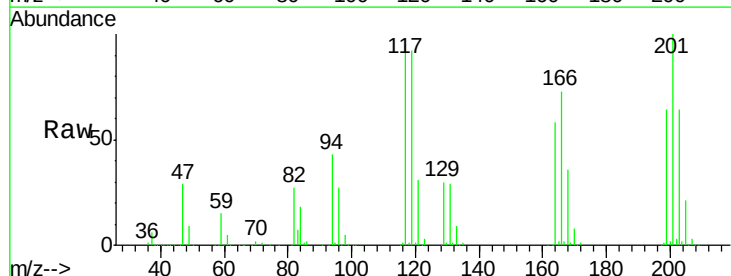
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

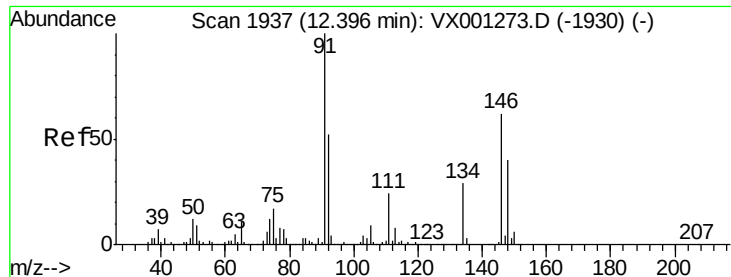
Tgt Ion: 91 Resp: 570596
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 28.3 14.0 42.0



#90
Hexachloroethane
Concen: 55.11 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 117 Resp: 95957
Ion Ratio Lower Upper
117 100
201 102.2 51.6 154.8

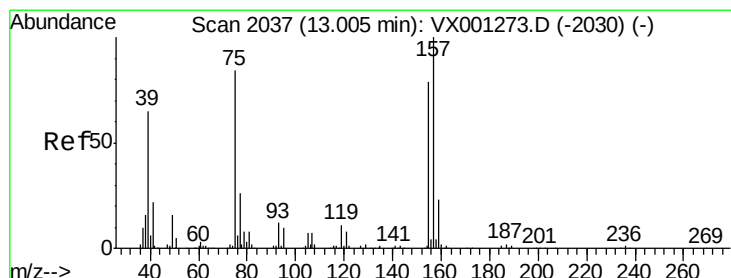
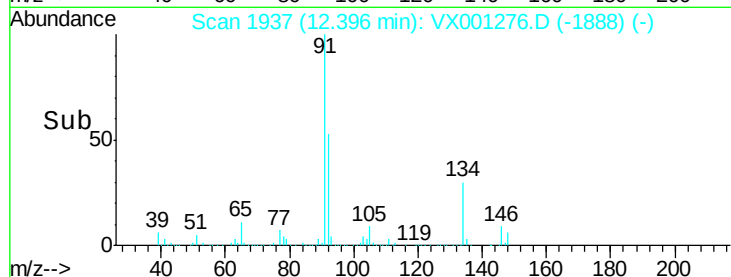
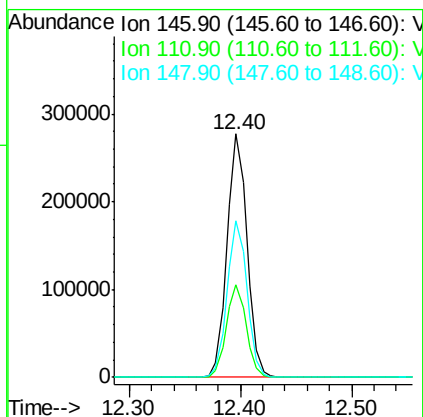
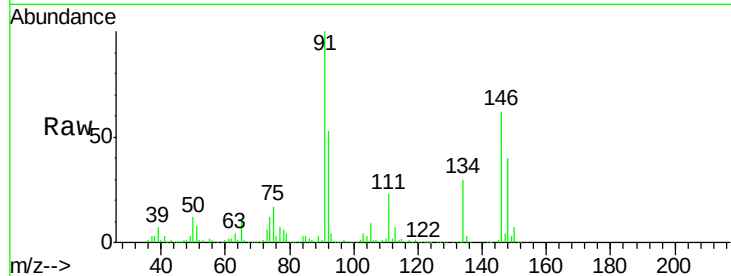




#91
 1,2-Dichlorobenzene
 Concen: 49.02 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

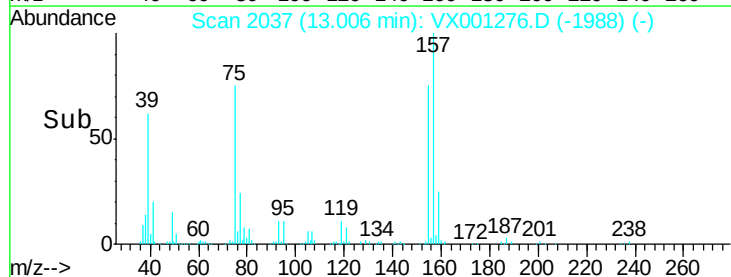
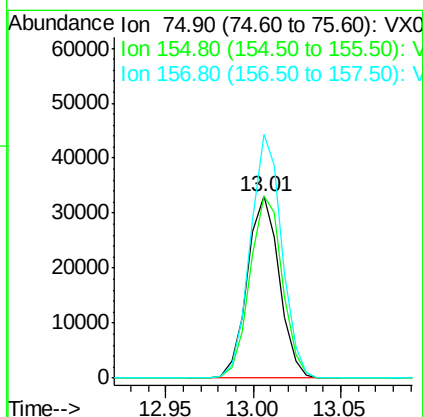
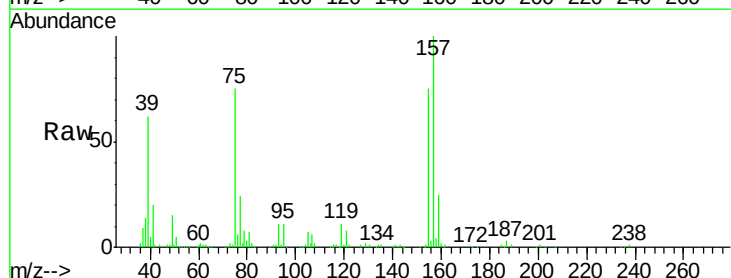
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

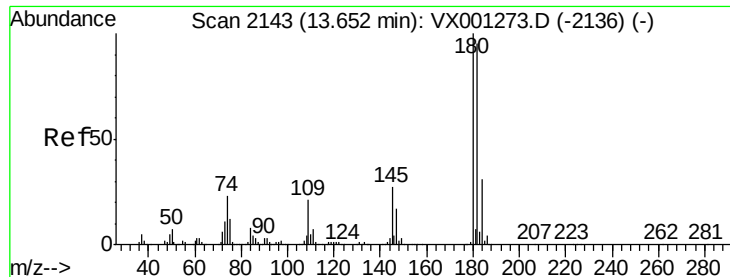
Tgt Ion:146 Resp: 343676
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.99 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion: 75 Resp: 41969
 Ion Ratio Lower Upper
 75 100
 155 101.3 49.9 149.7
 157 131.7 63.7 191.1

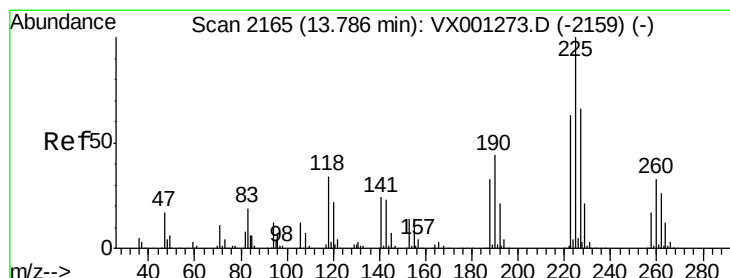
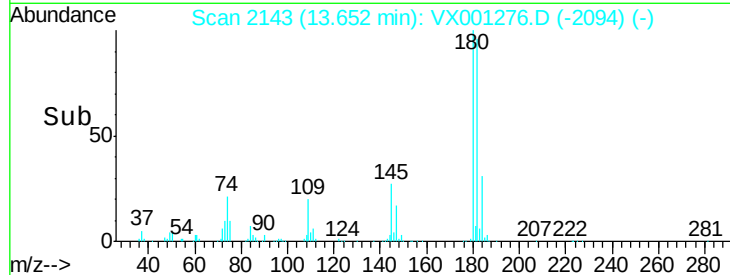
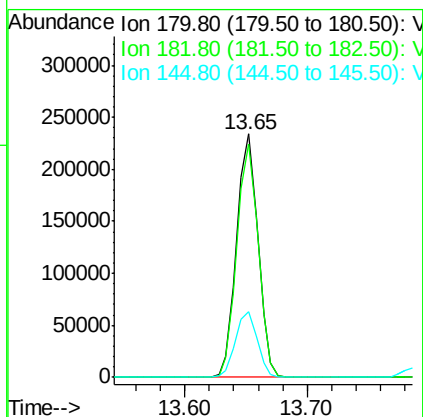
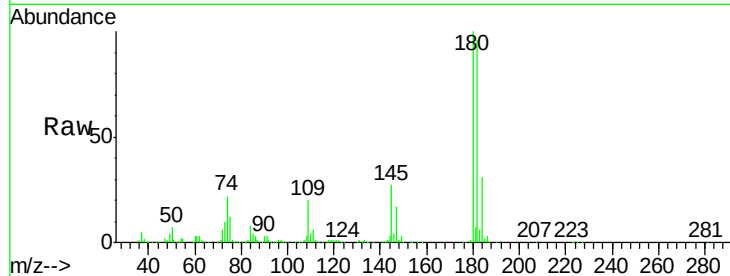




#93
 1,2,4-Trichlorobenzene
 Concen: 49.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

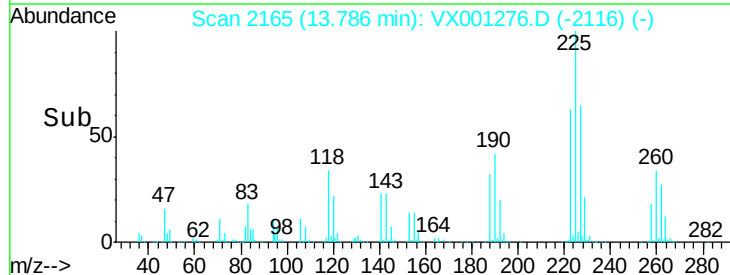
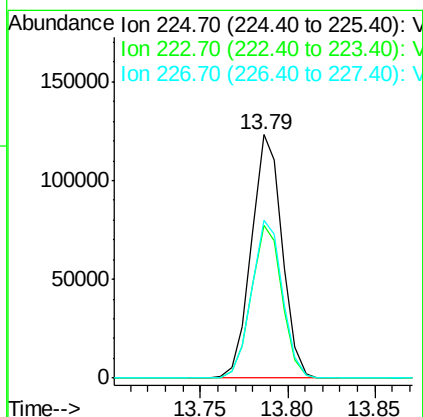
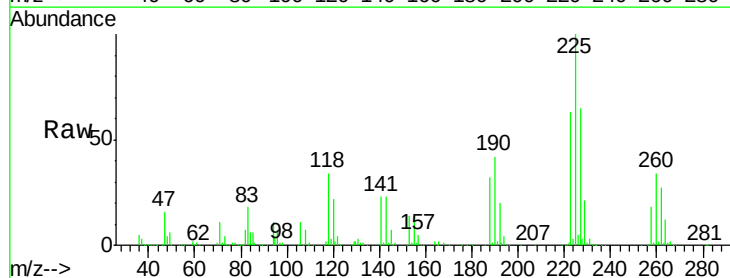
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

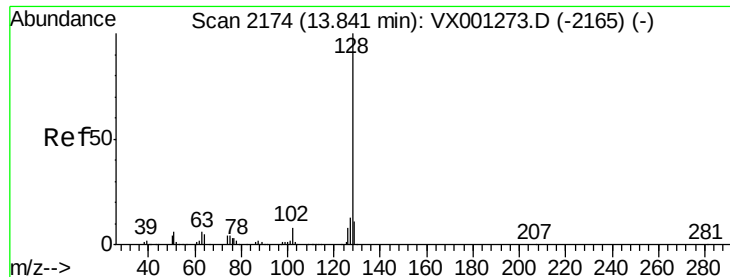
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.9
145	27.4	13.5	40.4



#94
 Hexachlorobutadiene
 Concen: 51.15 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.0
227	64.8	32.5	97.5





#95

Naphthalene

Concen: 51.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

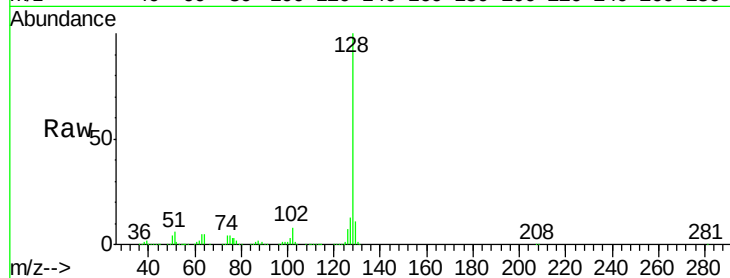
Tgt Ion:128 Resp: 732050

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

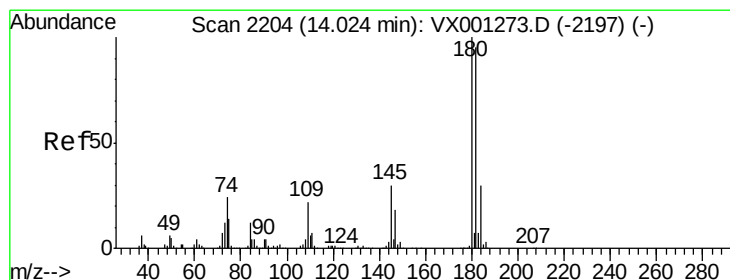
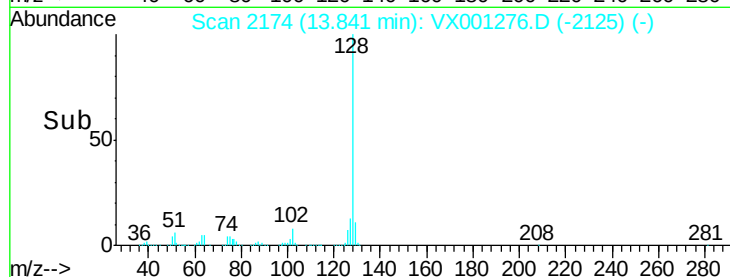
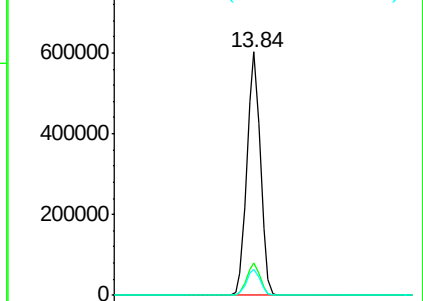
129 10.9 8.7 13.1



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: 50.00 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

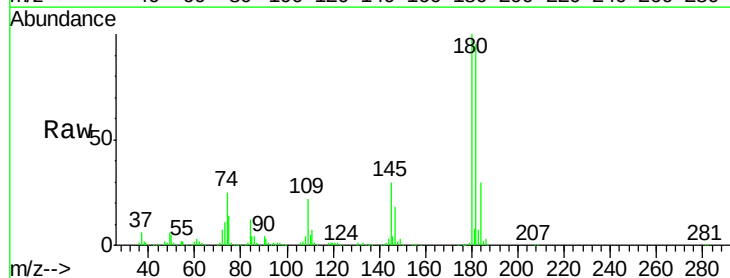
Tgt Ion:180 Resp: 276835

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.3

145 28.4 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

