

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002144.D
 Acq On : 30 May 2018 17:59
 Operator : JC/MD
 Sample : VX0530WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Quant Time: May 31 02:16:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185078	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
35) Dibromofluoromethane	5.51	113	142737	39.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.72%	
50) Toluene-d8	8.72	98	536762	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
62) 4-Bromofluorobenzene	11.14	95	207431	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56003	15.77	ug/l	98
3) Chloromethane	1.32	50	72017	17.95	ug/l	100
4) Vinyl Chloride	1.40	62	74947	19.35	ug/l	100
5) Bromomethane	1.64	94	42505	23.33	ug/l	99
6) Chloroethane	1.73	64	47578	20.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	122591	21.07	ug/l	100
8) Diethyl Ether	2.19	74	45279	21.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71347	21.98	ug/l	97
10) Methyl Iodide	2.51	142	58638	13.35	ug/l	98
11) Tert butyl alcohol	3.06	59	95453	104.34	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63525	20.90	ug/l	96
13) Acrolein	2.29	56	28605	72.32	ug/l	98
14) Allyl chloride	2.73	41	133357	20.90	ug/l	97
15) Acrylonitrile	3.15	53	198476	105.50	ug/l	99
16) Acetone	2.45	43	194754	108.28	ug/l	100
17) Carbon Disulfide	2.57	76	158153	18.08	ug/l	99
18) Methyl Acetate	2.78	43	99006	22.22	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	240021	21.00	ug/l	99
20) Methylene Chloride	2.86	84	71916	22.16	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	66778	21.68	ug/l	96
22) Diisopropyl ether	3.87	45	257234	19.82	ug/l	97
23) Vinyl Acetate	3.82	43	1127080	104.76	ug/l	98
24) 1,1-Dichloroethane	3.70	63	133384	21.64	ug/l	99
25) 2-Butanone	4.71	43	277679	84.23	ug/l	98
26) 2,2-Dichloropropane	4.59	77	104883	16.81	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	70764	17.86	ug/l	96
28) Bromochloromethane	5.02	49	64039	23.65	ug/l	99
29) Tetrahydrofuran	5.17	42	181760	84.74	ug/l	100
30) Chloroform	5.22	83	121559	17.50	ug/l	98
31) Cyclohexane	5.58	56	114178	17.78	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	110338	17.04	ug/l	98
36) 1,1-Dichloropropene	5.81	75	93194	18.71	ug/l	100
37) Ethyl Acetate	4.87	43	109498	16.86	ug/l	99
38) Carbon Tetrachloride	5.78	117	96282	16.58	ug/l	97

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Quant Time: May 31 02:16:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	118201	19.32	ug/l	99
40) Benzene	6.15	78	273924	18.77	ug/l	99
41) Methacrylonitrile	5.06	41	62326	17.30	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105428	18.09	ug/l	100
43) Isopropyl Acetate	6.47	43	185977	17.19	ug/l	99
44) Trichloroethene	7.21	130	79030	18.58	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73116	18.45	ug/l	99
46) Dibromomethane	7.67	93	47848	18.24	ug/l	100
47) Bromodichloromethane	7.90	83	89195	15.94	ug/l	98
48) Methyl methacrylate	7.78	41	94625	17.18	ug/l	98
49) 1,4-Dioxane	7.76	88	34349	353.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	591703	90.72	ug/l	98
52) Toluene	8.79	92	175178	18.86	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	110173	17.10	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	102384	16.31	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	70231	18.10	ug/l	98
56) Ethyl methacrylate	9.18	69	114329	17.13	ug/l	99
57) 1,3-Dichloropropane	9.38	76	118090	18.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	263769	89.18	ug/l	100
59) 2-Hexanone	9.50	43	451222	89.72	ug/l	100
60) Dibromochloromethane	9.59	129	70674	15.38	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73369	18.02	ug/l	100
64) Tetrachloroethene	9.34	164	92166	19.61	ug/l	97
65) Chlorobenzene	10.14	112	198101	19.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71684	17.09	ug/l	100
67) Ethyl Benzene	10.26	91	344432	19.08	ug/l	100
68) m/p-Xylenes	10.36	106	263112	38.14	ug/l	99
69) o-Xylene	10.70	106	130961	19.01	ug/l	99
70) Styrene	10.71	104	211795	18.54	ug/l	100
71) Bromoform	10.86	173	55019	13.83	ug/l	99
73) Isopropylbenzene	11.02	105	352225	19.22	ug/l	100
74) N-amyl acetate	6.47	43	185977	17.52	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	99199	19.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	122814	23.63	ug/l	81
77) Bromobenzene	11.26	156	91621	18.85	ug/l	97
78) n-propylbenzene	11.37	91	398689	19.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	236463	19.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	297692	19.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	30816	14.25	ug/l	89
82) 4-Chlorotoluene	11.51	91	279044	19.28	ug/l	100
83) tert-Butylbenzene	11.77	119	289610	18.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	304626	18.83	ug/l	100
85) sec-Butylbenzene	11.95	105	360493	19.52	ug/l	99
86) p-Isopropyltoluene	12.07	119	322622	19.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167477	19.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	167712	19.27	ug/l	99
89) n-Butylbenzene	12.39	91	276527	19.74	ug/l	99
90) Hexachloroethane	12.60	117	48236	14.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170793	19.25	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23759	14.58	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

Quant Time: May 31 02:16:12 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121422	19.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	66986	19.63	ug/l	100
95) Naphthalene	13.84	128	362422	18.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	124756	19.01	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

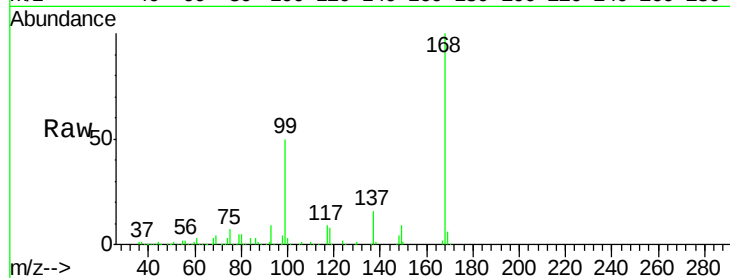
VX0530WBS02

Tgt Ion:168 Resp: 260734

Ion Ratio Lower Upper

168 100

99 49.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

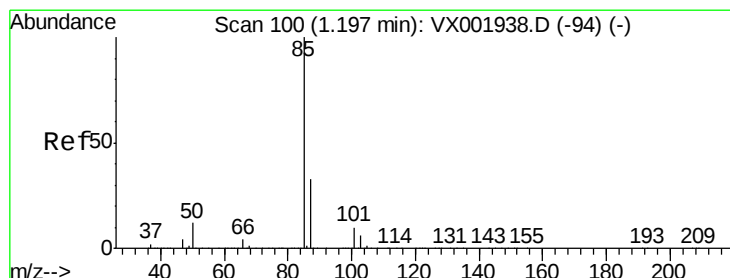
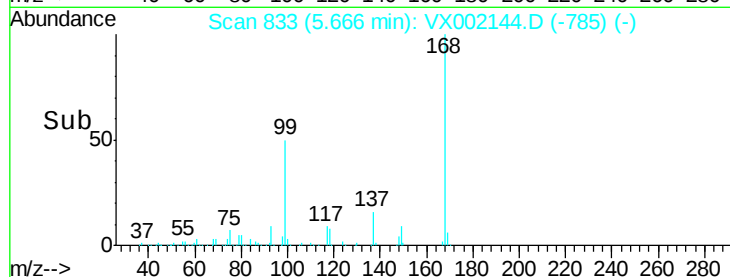
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002144.D

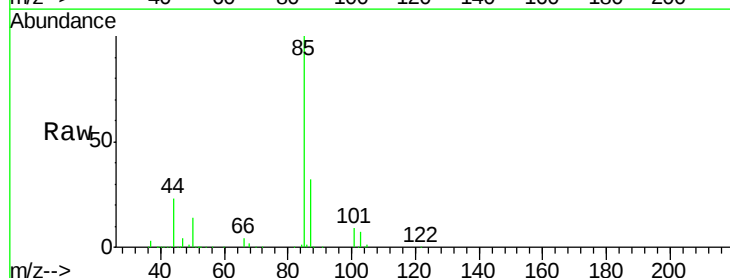
Acq: 30 May 2018 17:59

Tgt Ion: 85 Resp: 56003

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

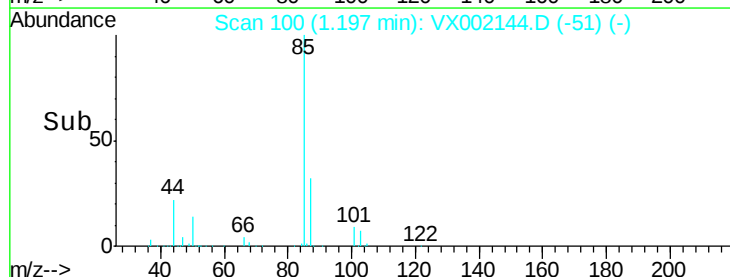
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Time-->

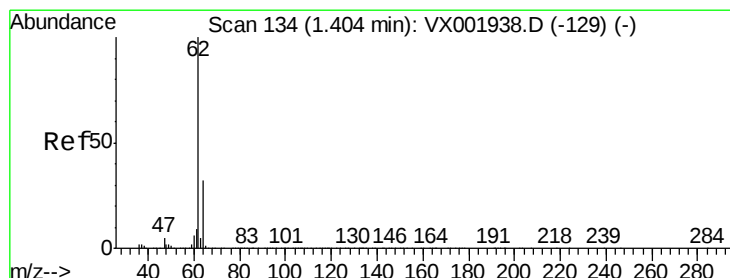
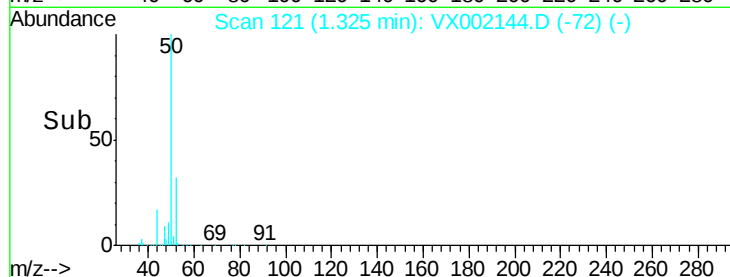
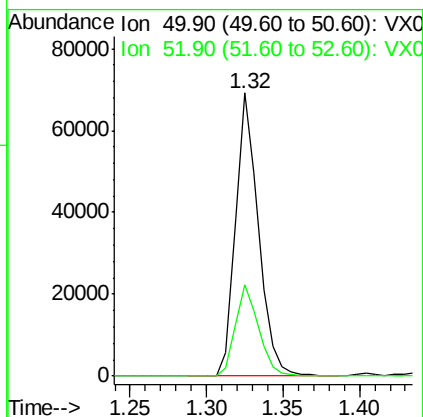
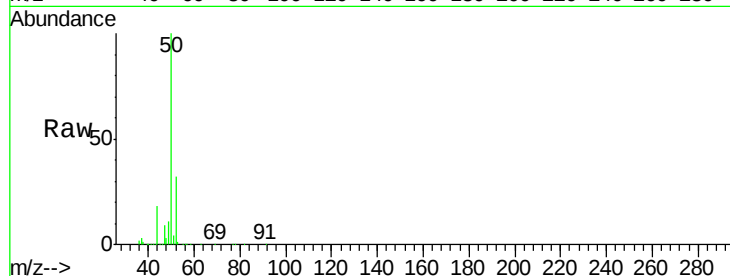




#3
Chloromethane
Concen: 17.95 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

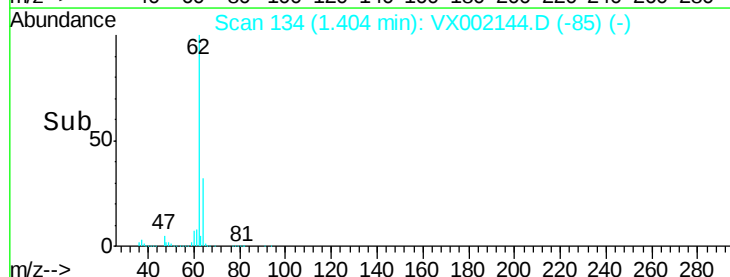
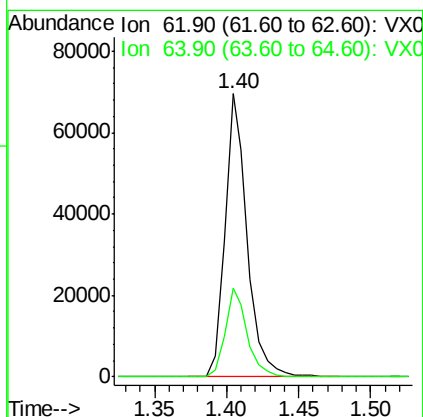
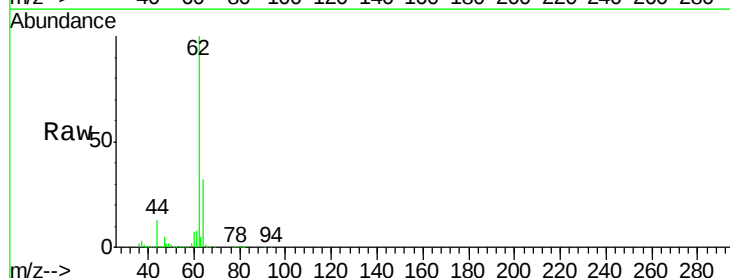
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

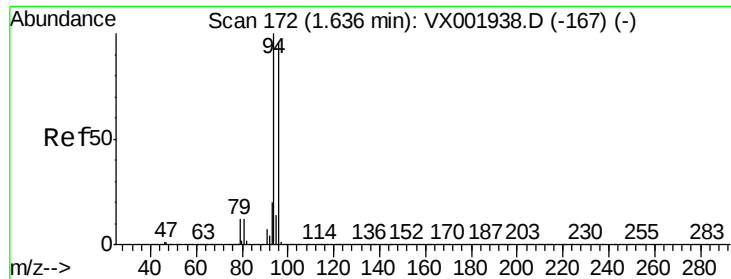
Tgt Ion: 50 Resp: 72017
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0



#4
Vinyl Chloride
Concen: 19.35 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion: 62 Resp: 74947
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5

Bromomethane

Concen: 23.33 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

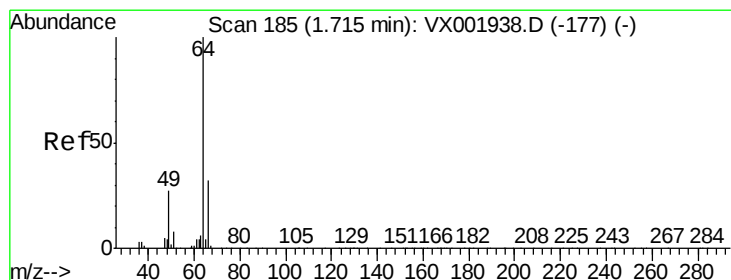
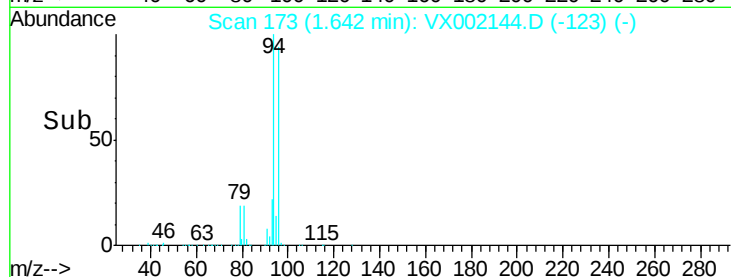
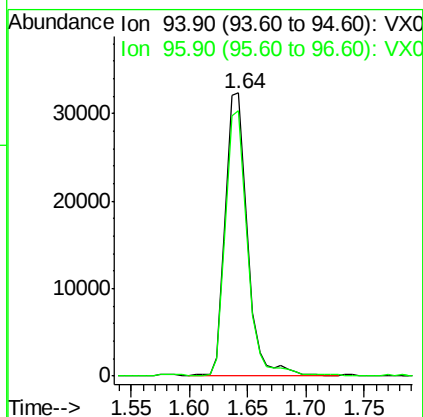
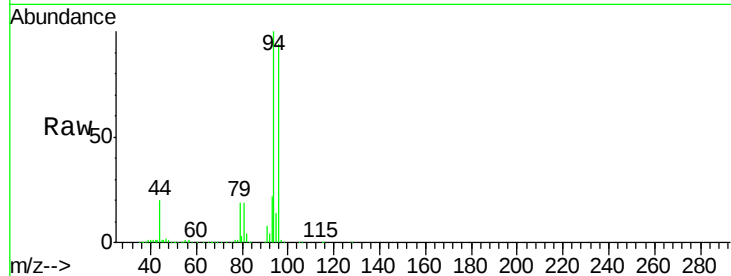
VX0530WBS02

Tgt Ion: 94 Resp: 42505

Ion Ratio Lower Upper

94 100

96 93.9 75.9 113.9



#6

Chloroethane

Concen: 20.84 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002144.D

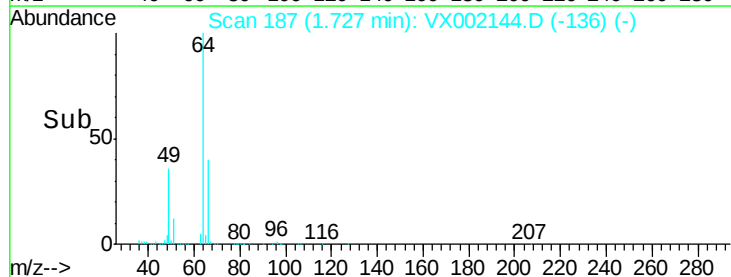
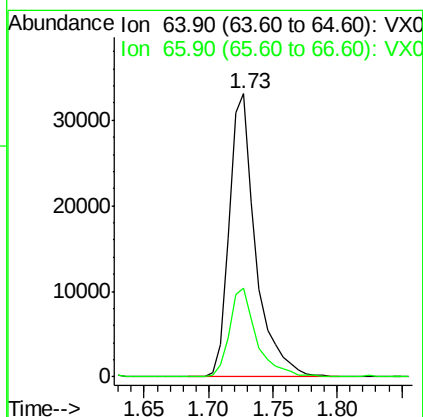
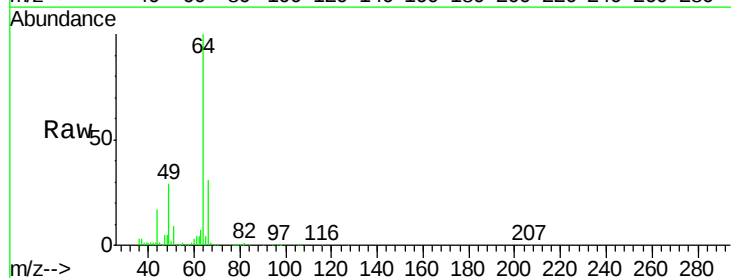
Acq: 30 May 2018 17:59

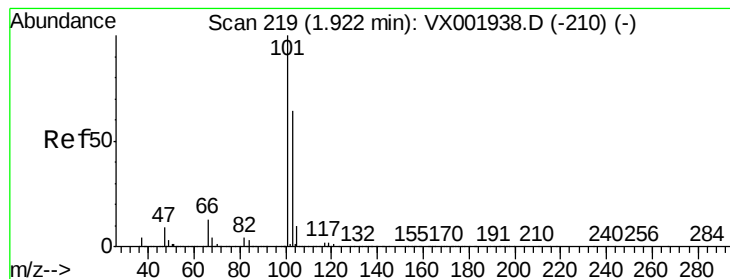
Tgt Ion: 64 Resp: 47578

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4



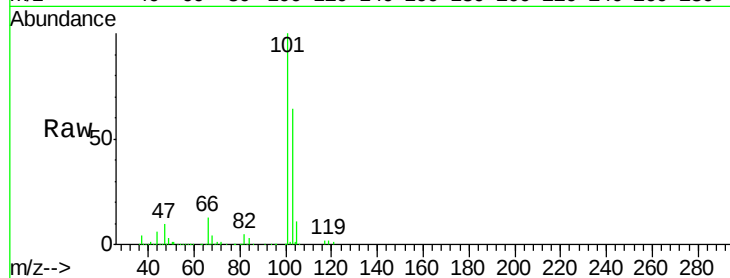


#7

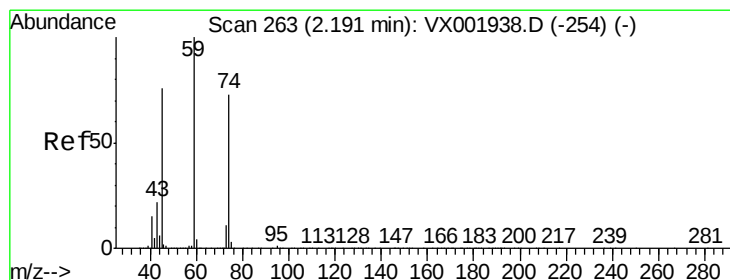
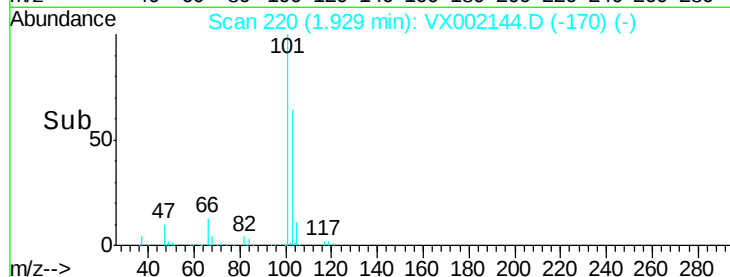
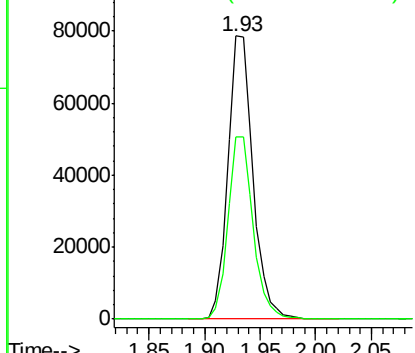
Trichlorofluoromethane
 Concen: 21.07 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Tgt Ion:101 Resp: 122591
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0



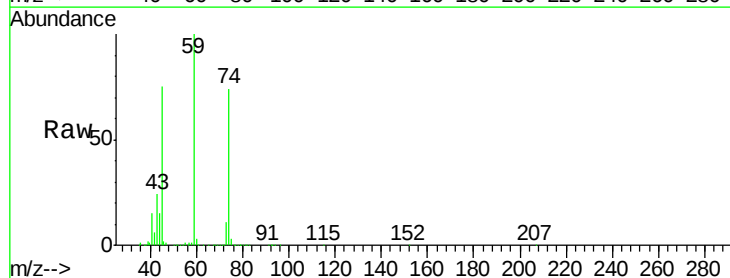
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



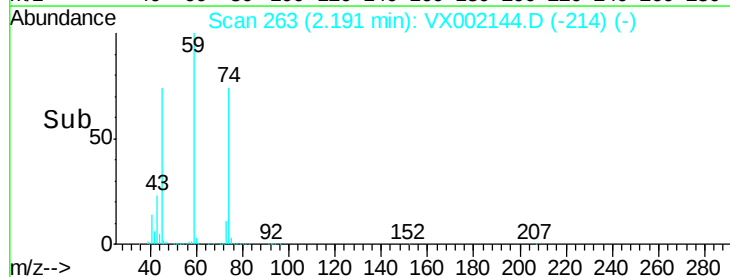
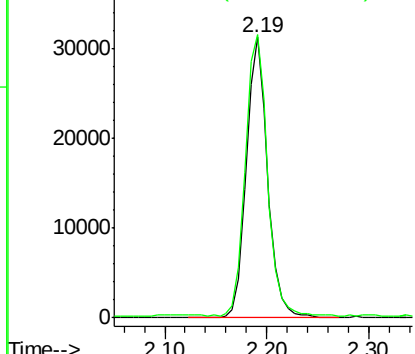
#8

Diethyl Ether
 Concen: 21.45 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion: 74 Resp: 45279
 Ion Ratio Lower Upper
 74 100
 45 103.7 51.5 154.7



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: 21.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

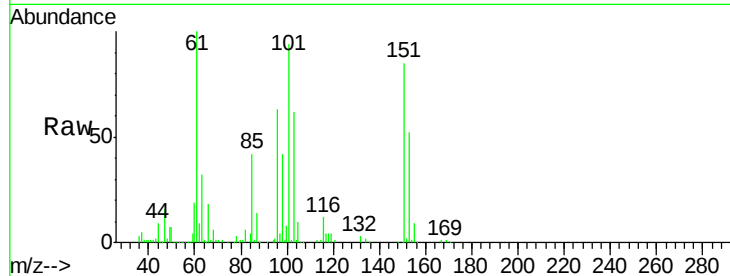
Tgt Ion:101 Resp: 71347

Ion Ratio Lower Upper

101 100

85 44.9 35.6 53.4

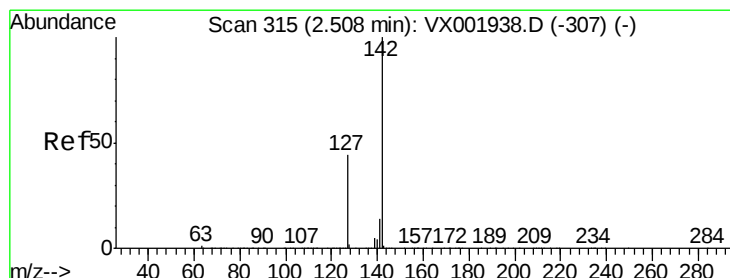
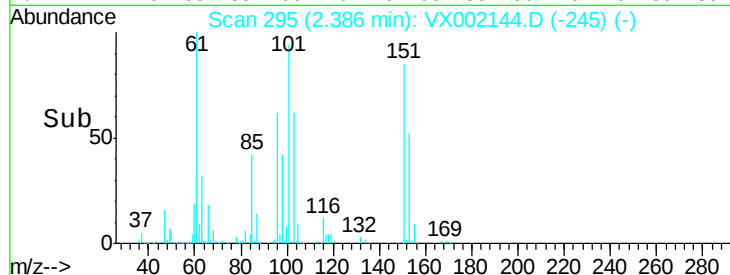
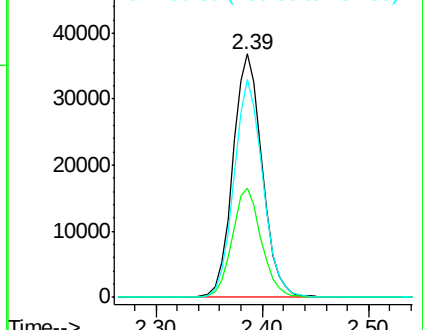
151 88.2 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.35 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

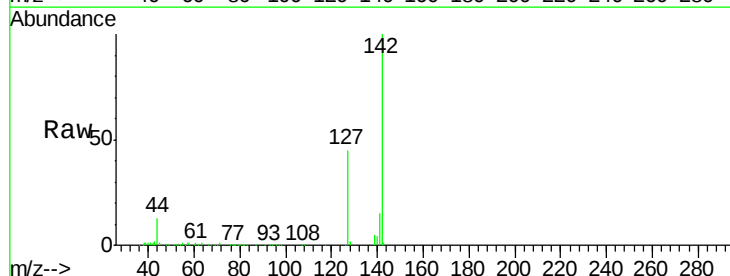
Tgt Ion:142 Resp: 58638

Ion Ratio Lower Upper

142 100

127 45.9 35.5 53.3

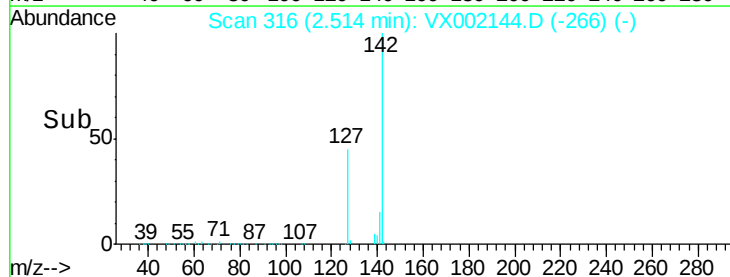
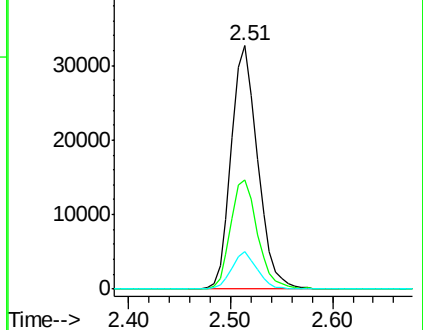
141 14.9 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



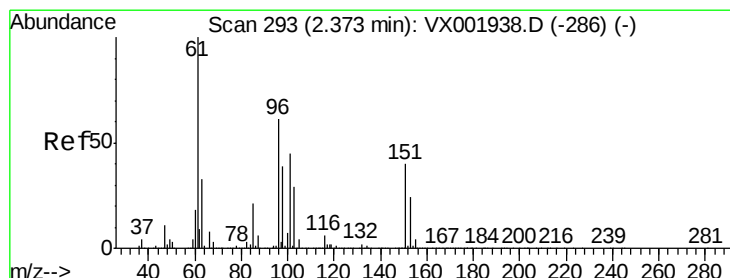
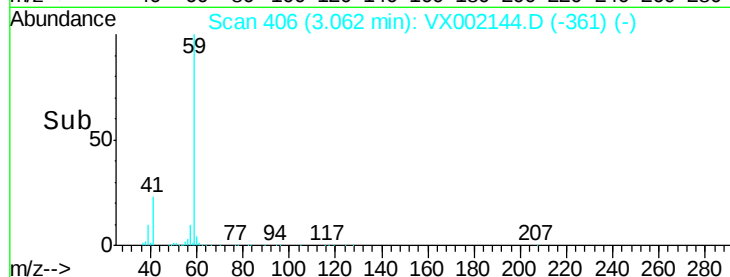
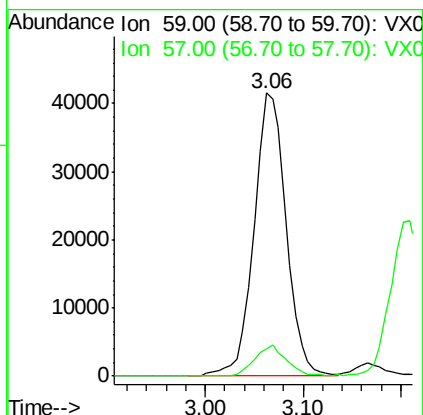
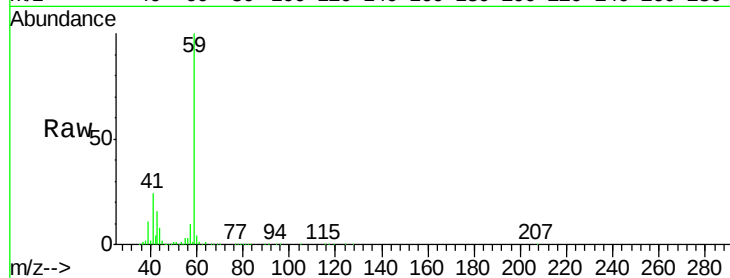


#11

Tert butyl alcohol
 Concen: 104.34 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

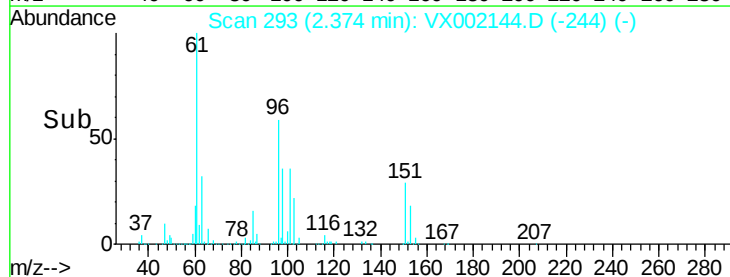
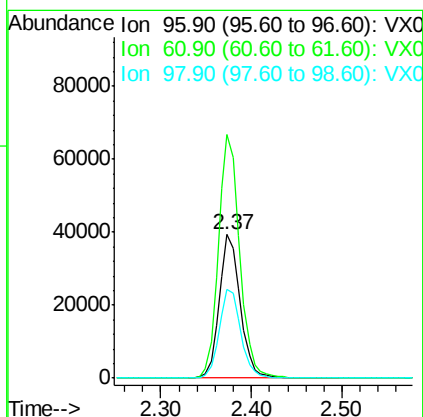
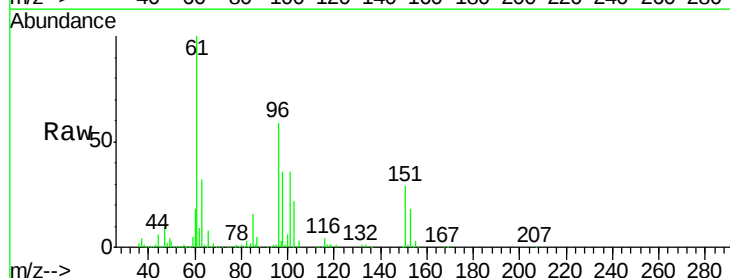
Tgt Ion: 59 Resp: 95453
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.9 13.3



#12

1,1-Dichloroethene
 Concen: 20.90 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion: 96 Resp: 63525
 Ion Ratio Lower Upper
 96 100
 61 169.5 131.7 197.5
 98 61.7 51.6 77.4





#13

Acrolein

Concen: 72.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

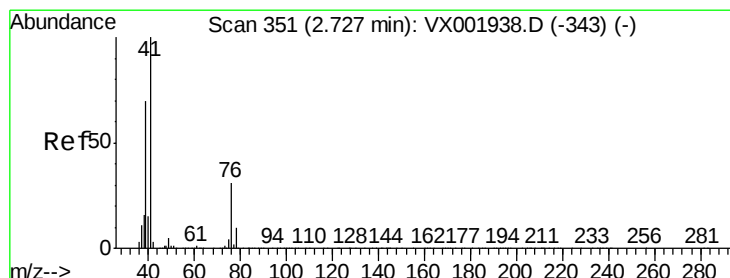
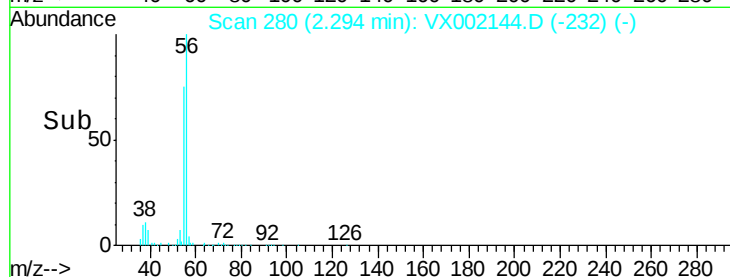
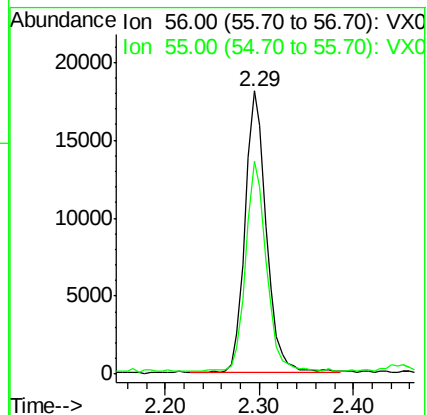
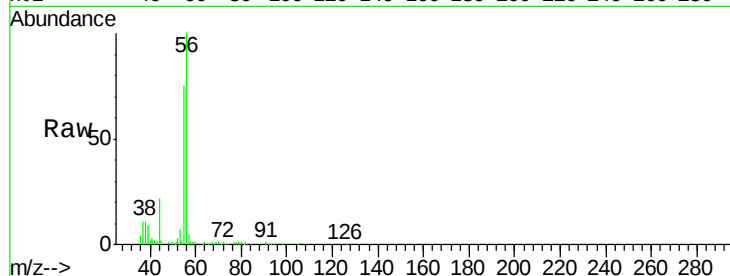
VX0530WBS02

Tgt Ion: 56 Resp: 28605

Ion Ratio Lower Upper

56 100

55 72.8 56.8 85.2



#14

Allyl chloride

Concen: 20.90 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

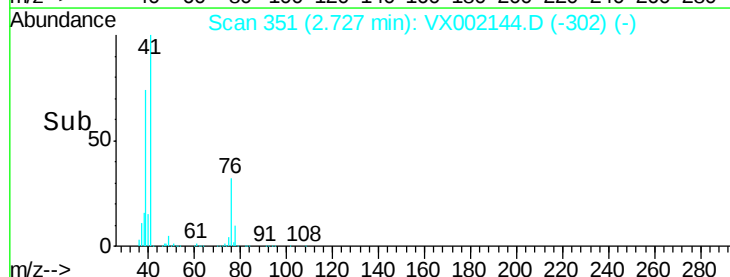
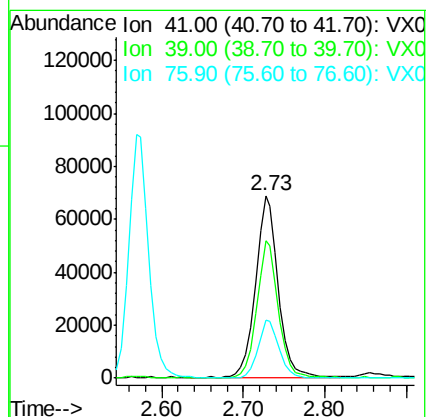
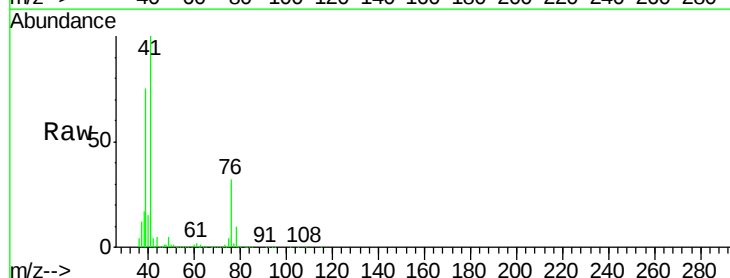
Tgt Ion: 41 Resp: 133357

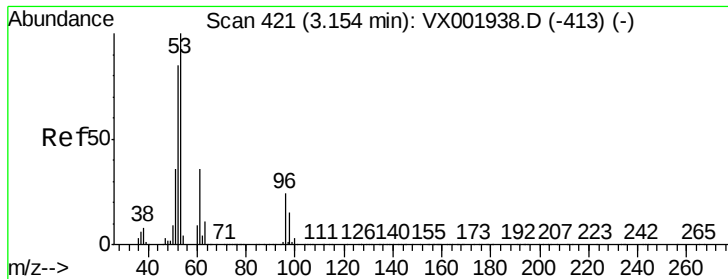
Ion Ratio Lower Upper

41 100

39 70.6 54.3 81.5

76 29.8 24.2 36.4





#15

Acrylonitrile

Concen: 105.50 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

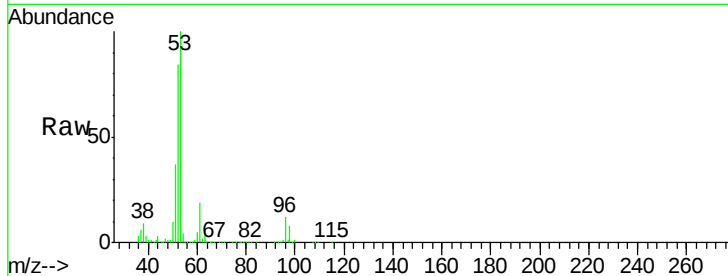
Tgt Ion: 53 Resp: 198476

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

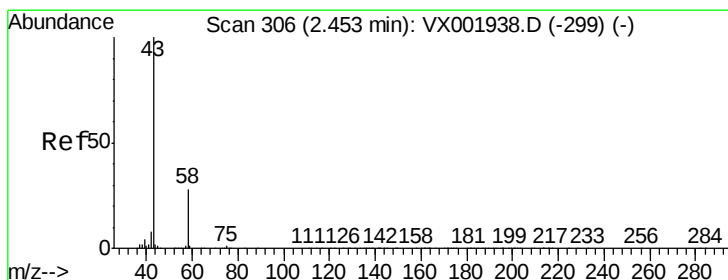
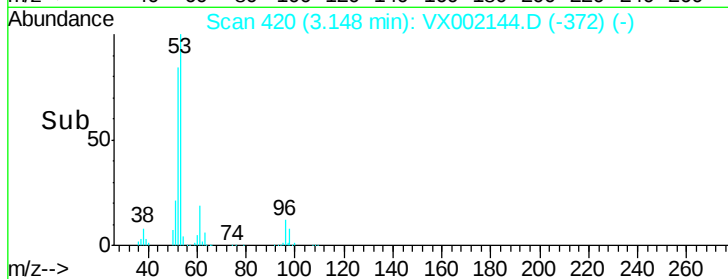
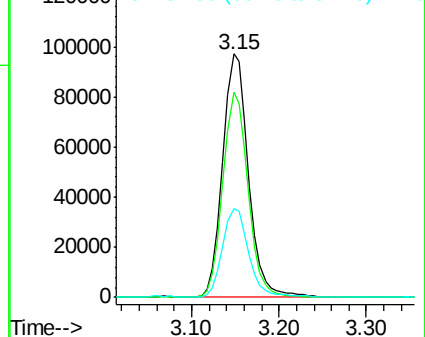
51 37.1 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 108.28 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002144.D

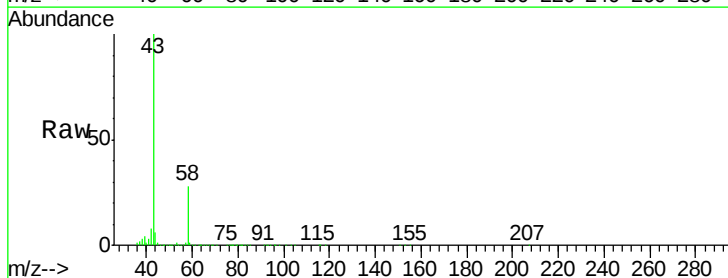
Acq: 30 May 2018 17:59

Tgt Ion: 43 Resp: 194754

Ion Ratio Lower Upper

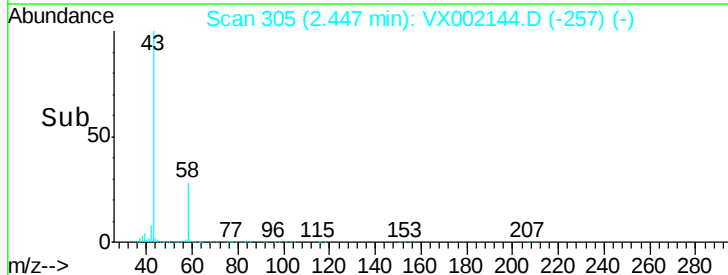
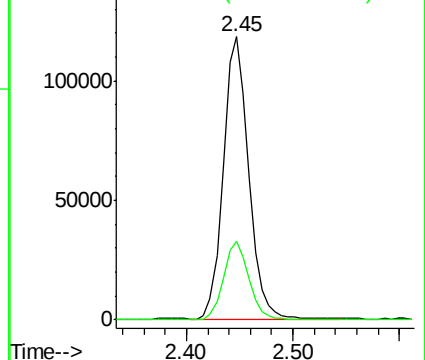
43 100

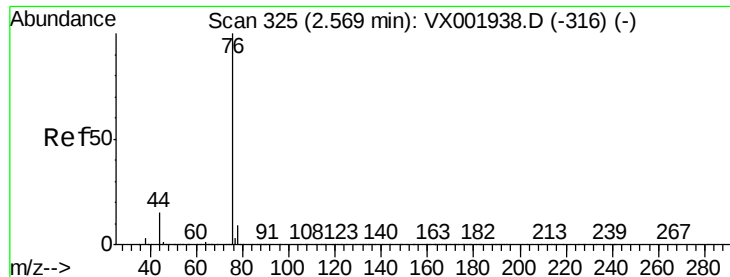
58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.08 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

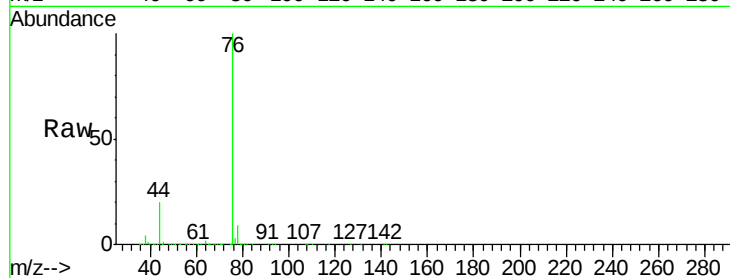
VX0530WBS02

Tgt Ion: 76 Resp: 158153

Ion Ratio Lower Upper

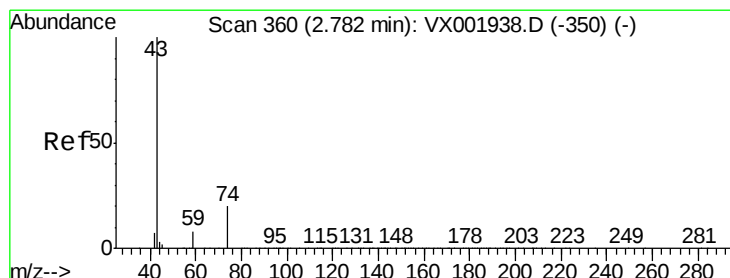
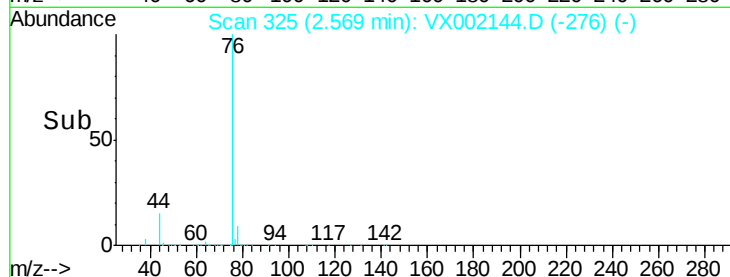
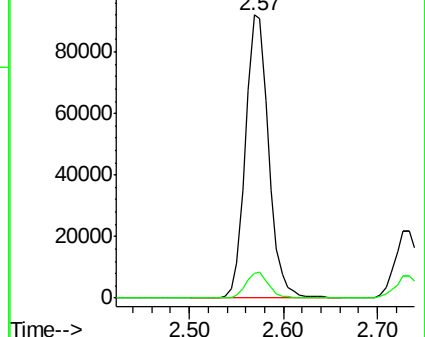
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.22 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002144.D

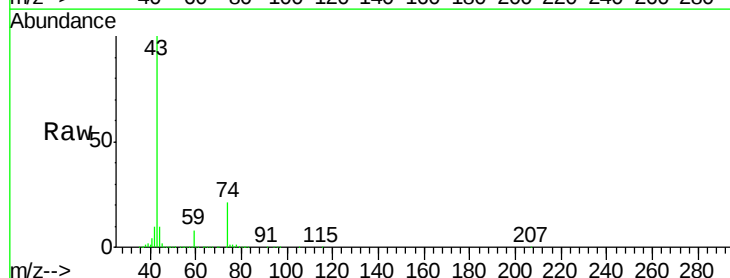
Acq: 30 May 2018 17:59

Tgt Ion: 43 Resp: 99006

Ion Ratio Lower Upper

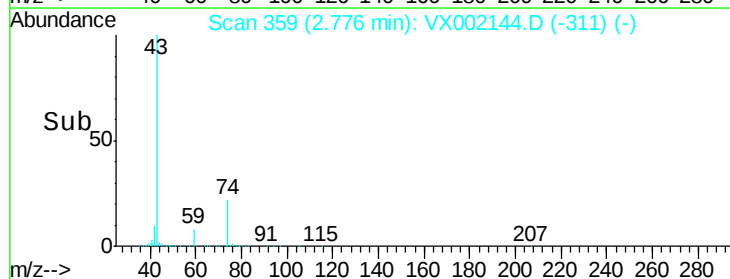
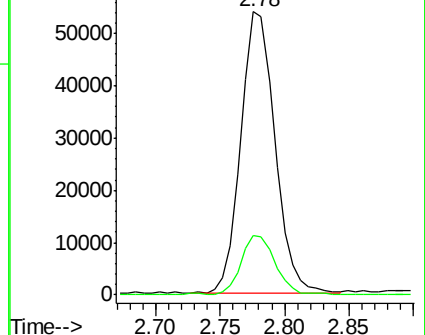
43 100

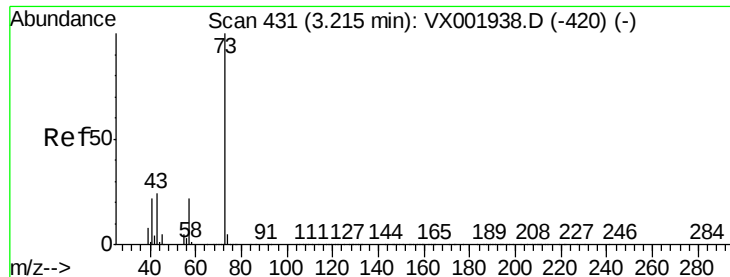
74 21.8 16.8 25.2



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: 21.00 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

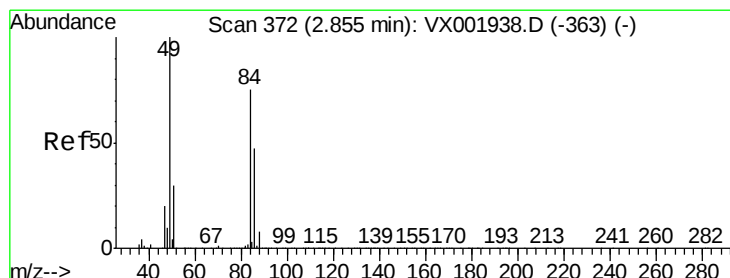
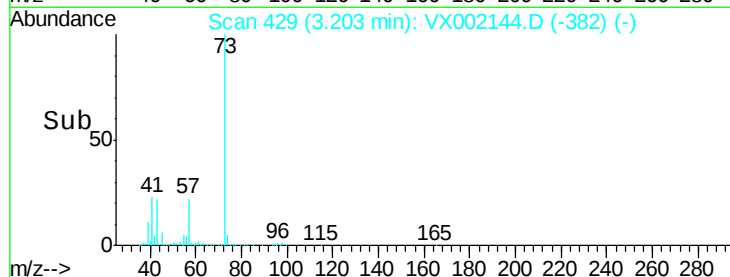
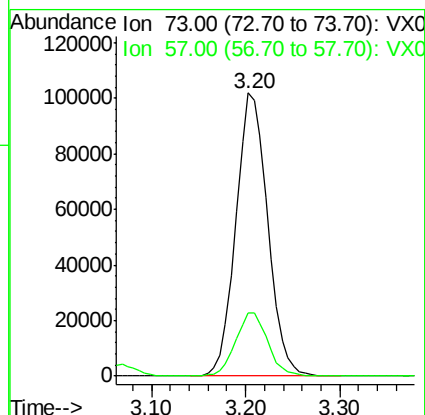
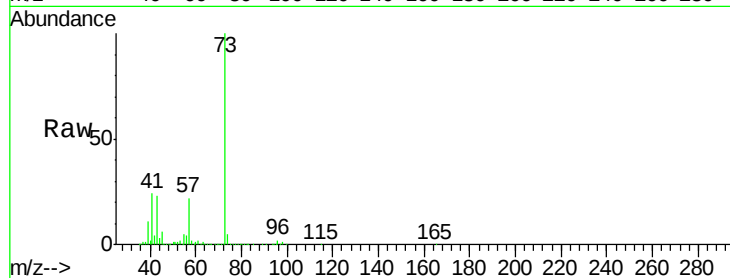
VX0530WBS02

Tgt Ion: 73 Resp: 240021

Ion Ratio Lower Upper

73 100

57 22.0 17.4 26.0



#20

Methylene Chloride

Concen: 22.16 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Tgt Ion: 84 Resp: 71916

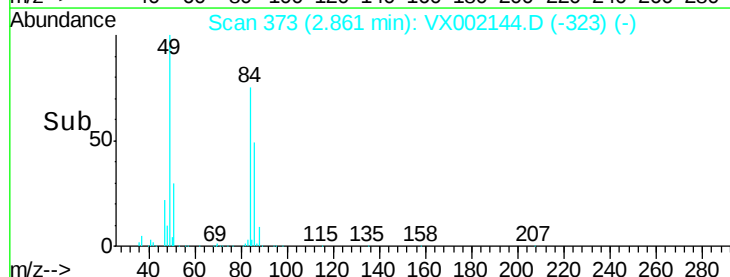
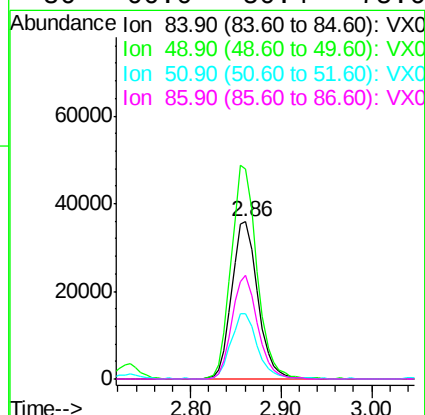
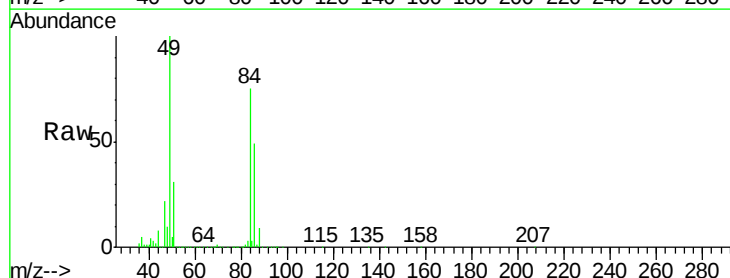
Ion Ratio Lower Upper

84 100

49 133.3 107.2 160.8

51 41.1 32.4 48.6

86 66.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 21.68 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

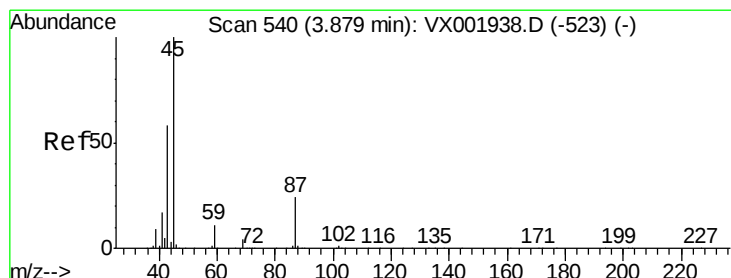
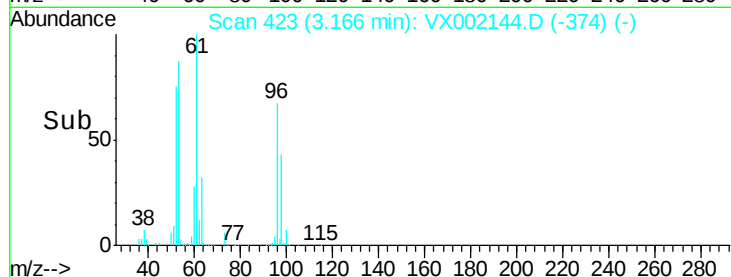
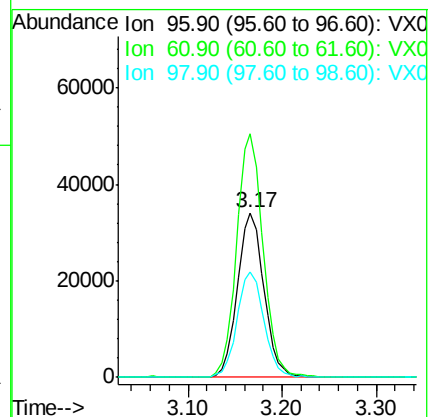
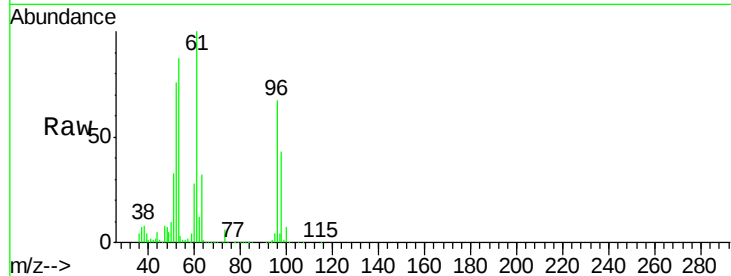
Tgt Ion: 96 Resp: 66778

Ion Ratio Lower Upper

96 100

61 147.8 113.3 169.9

98 64.1 51.7 77.5



#22

Diisopropyl ether

Concen: 19.82 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Tgt Ion: 45 Resp: 257234

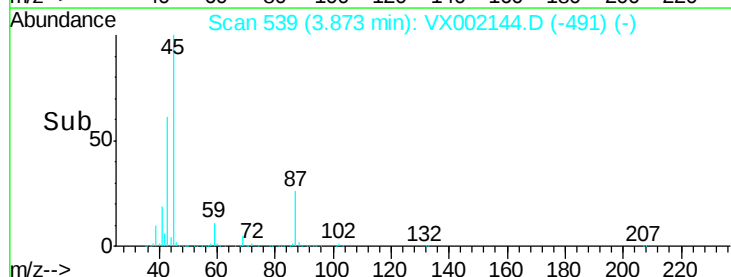
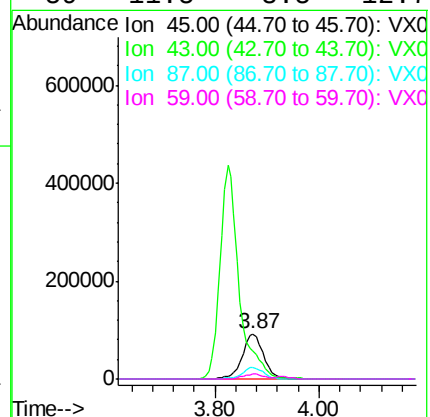
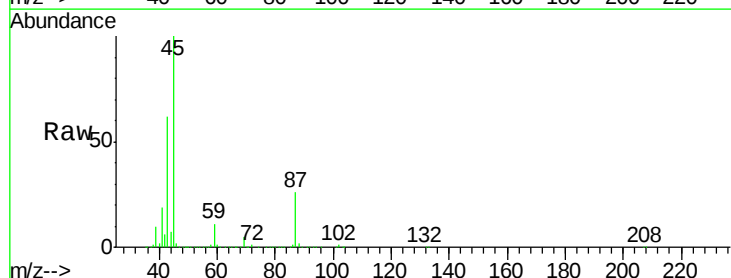
Ion Ratio Lower Upper

45 100

43 61.3 47.0 70.6

87 25.8 19.4 29.0

59 11.5 8.5 12.7





#23

Vinyl Acetate

Concen: 104.76 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

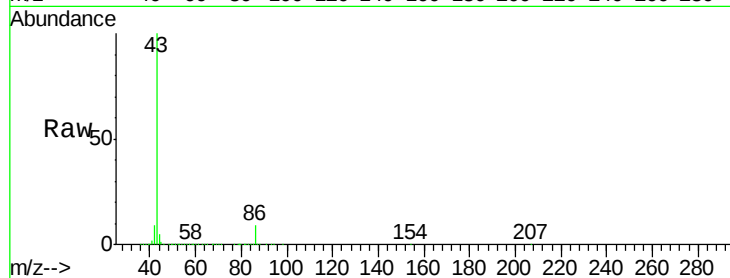
VX0530WBS02

Tgt Ion: 43 Resp: 1127080

Ion Ratio Lower Upper

43 100

86 8.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

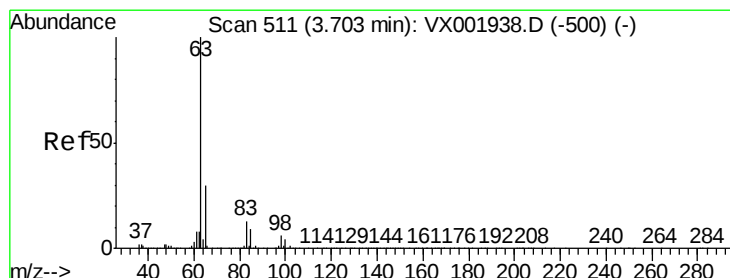
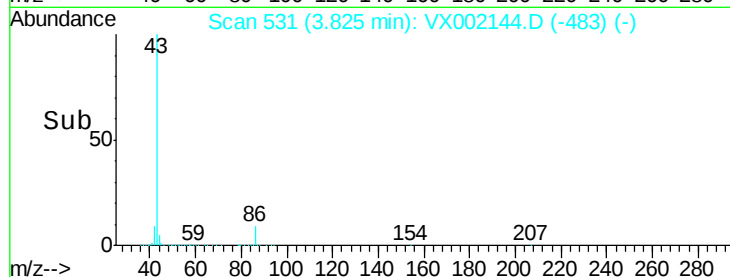
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 21.64 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

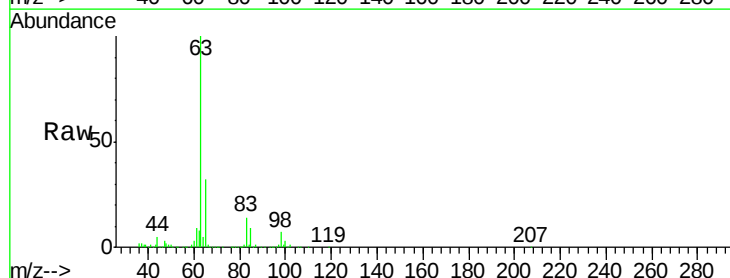
Tgt Ion: 63 Resp: 133384

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 3.4 2.1 6.5



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

3.70

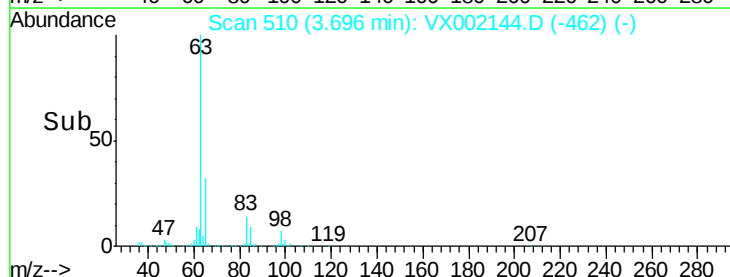
60000

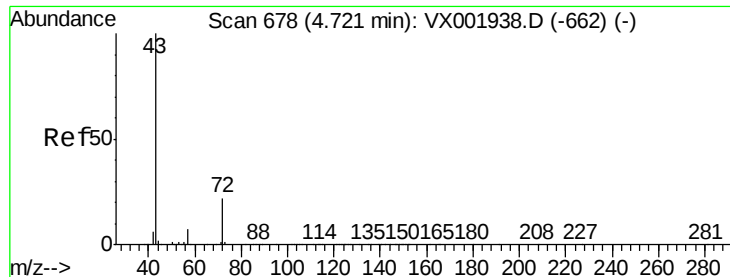
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 84.23 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampled :

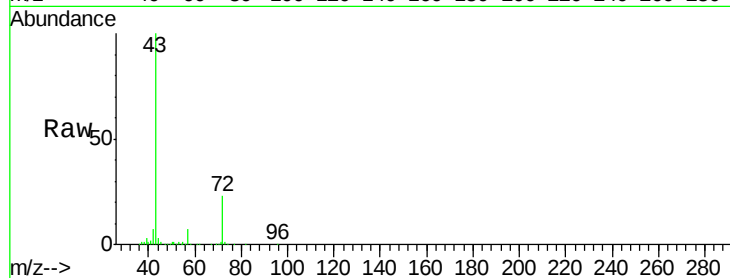
VX0530WBS02

Tgt Ion: 43 Resp: 277679

Ion Ratio Lower Upper

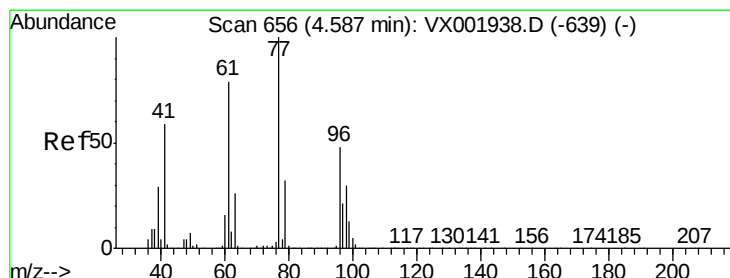
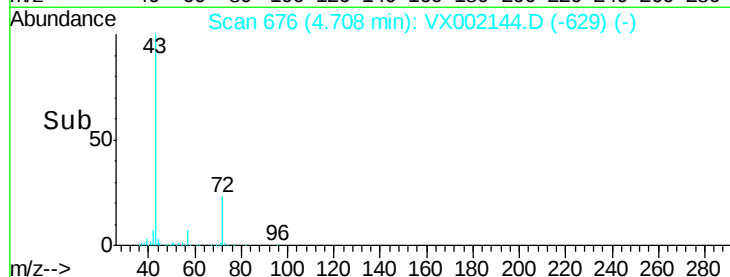
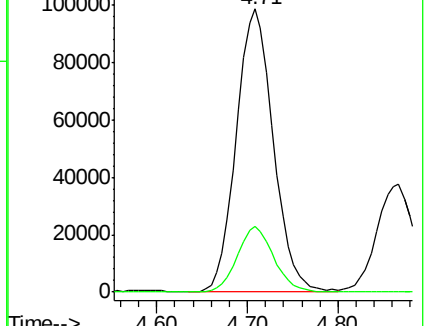
43 100

72 23.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.81 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002144.D

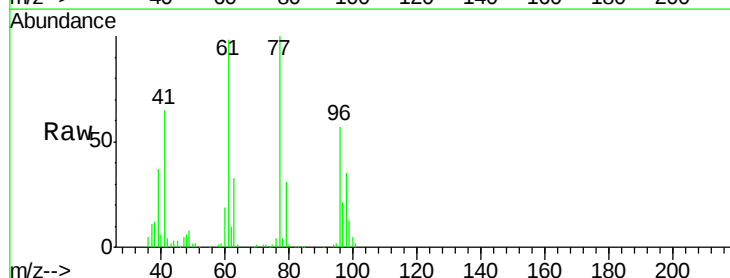
Acq: 30 May 2018 17:59

Tgt Ion: 77 Resp: 104883

Ion Ratio Lower Upper

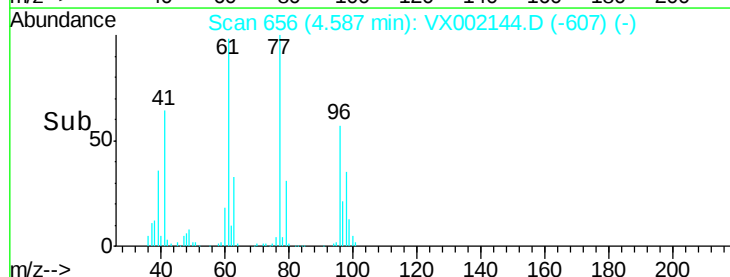
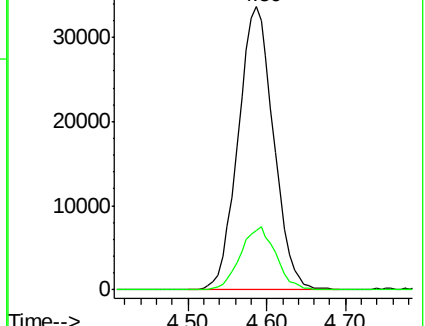
77 100

97 22.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



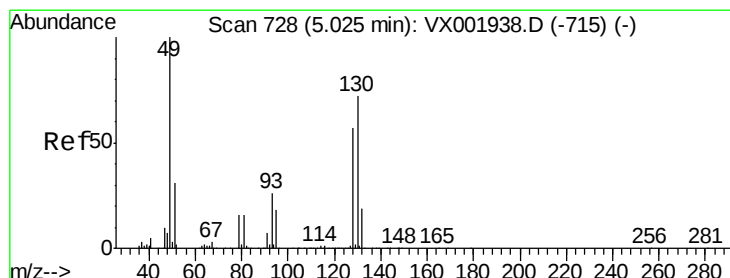
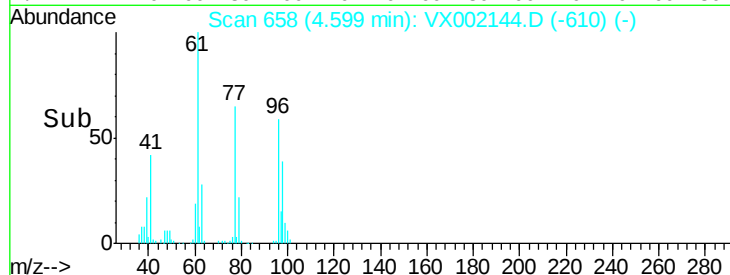
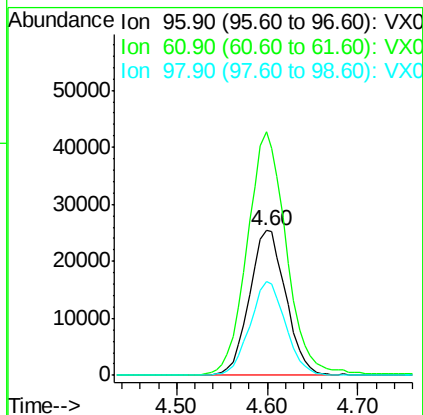
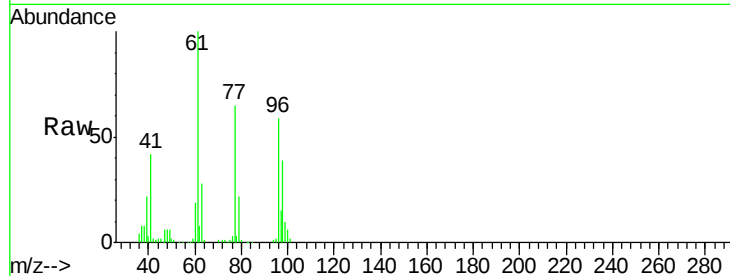


#27

cis-1,2-Dichloroethene
 Concen: 17.86 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

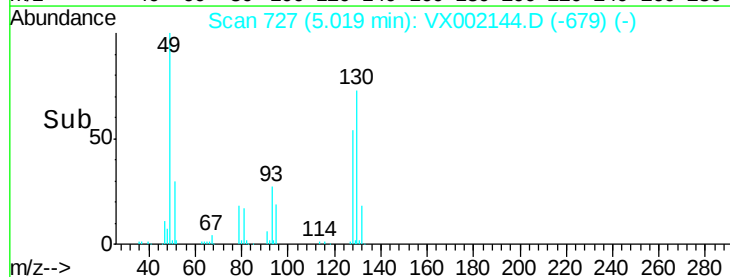
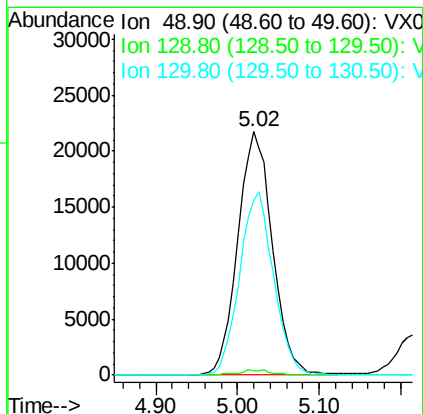
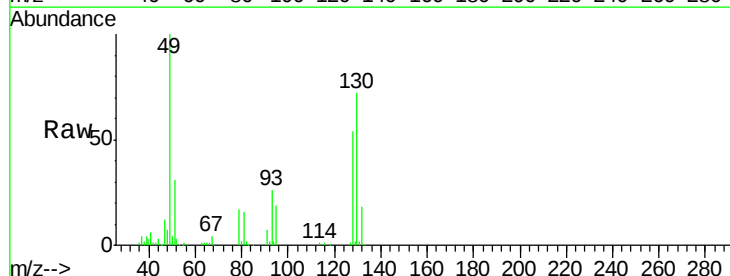
Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.4	0.0	348.4
98	63.3	0.0	128.6



#28

Bromochloromethane
 Concen: 23.65 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.7	59.4	89.2





#29

Tetrahydrofuran

Concen: 84.74 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

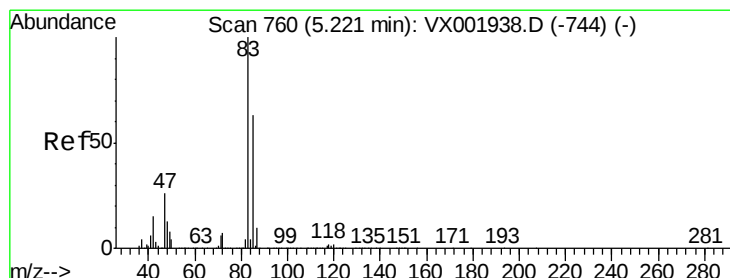
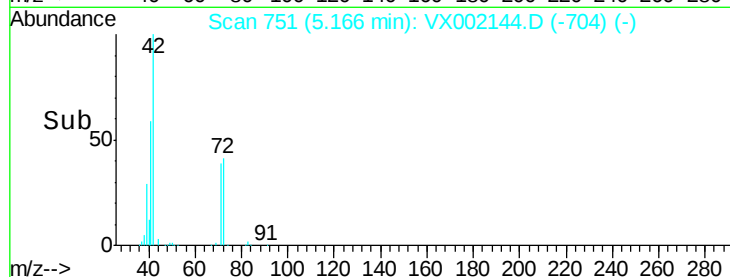
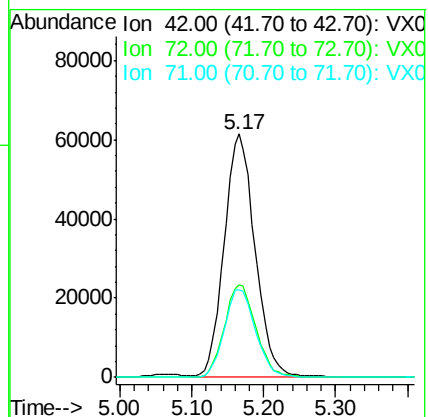
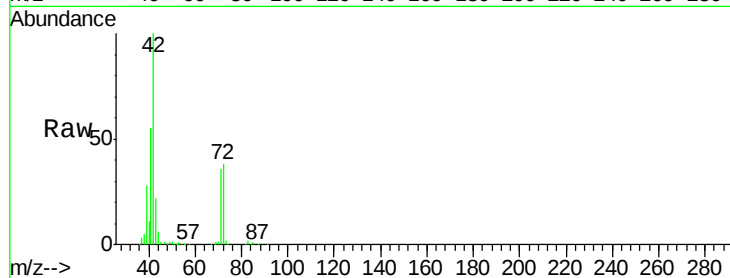
Tgt Ion: 42 Resp: 181760

Ion Ratio Lower Upper

42 100

72 39.0 31.4 47.0

71 36.8 29.5 44.3



#30

Chloroform

Concen: 17.50 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002144.D

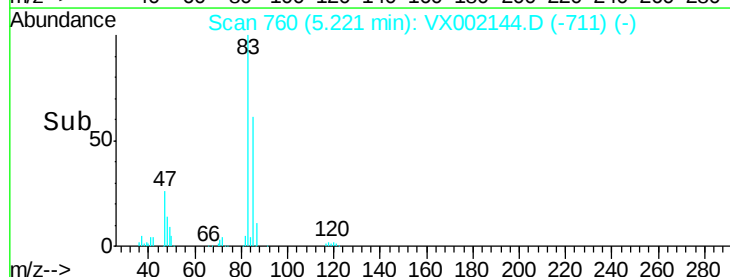
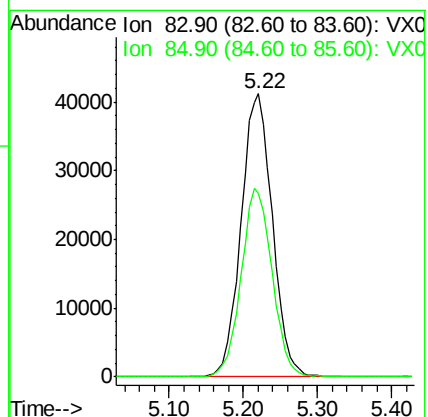
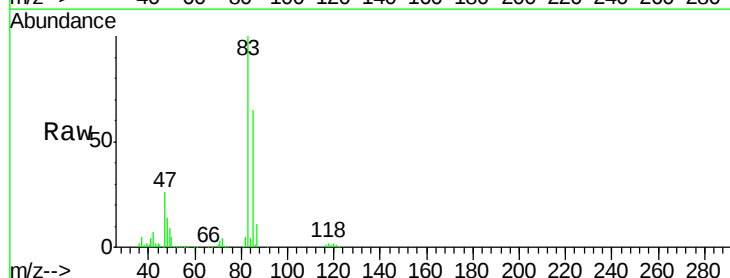
Acq: 30 May 2018 17:59

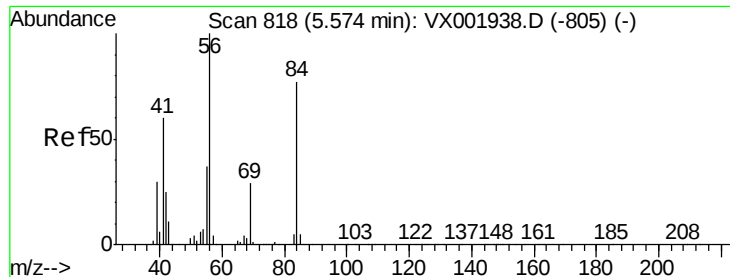
Tgt Ion: 83 Resp: 121559

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

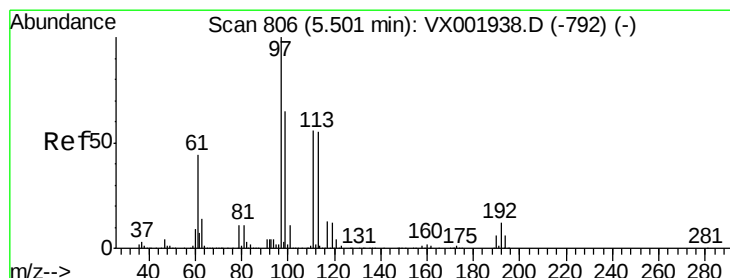
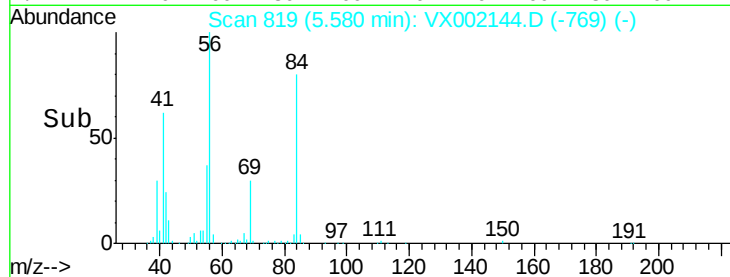
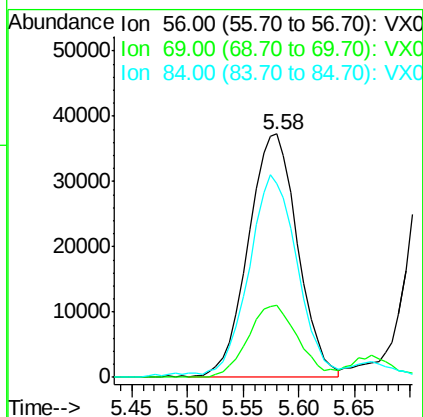
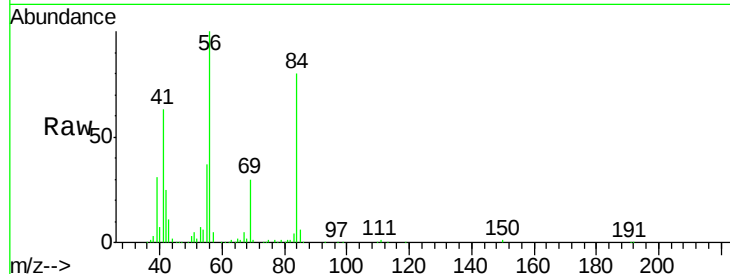




#31
Cyclohexane
Concen: 17.78 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

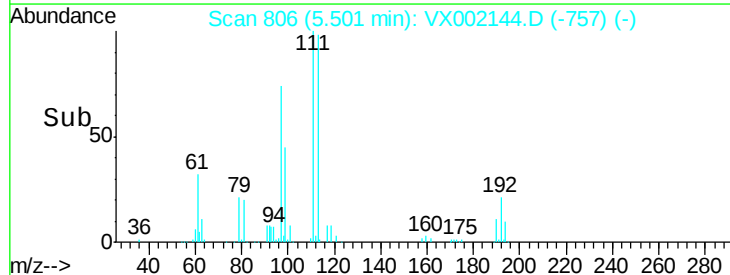
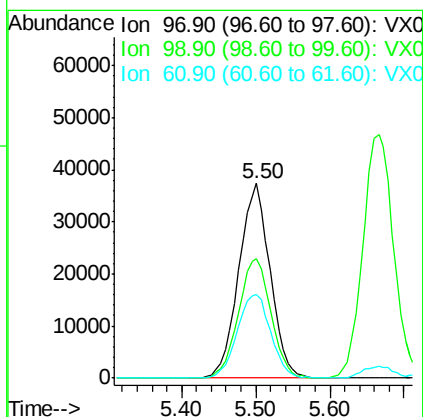
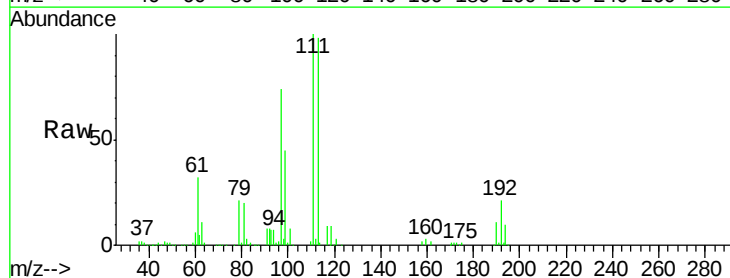
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

Tgt Ion: 56 Resp: 114178
Ion Ratio Lower Upper
56 100
69 29.4 23.1 34.7
84 78.1 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 17.04 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion: 97 Resp: 110338
Ion Ratio Lower Upper
97 100
99 63.6 51.9 77.9
61 46.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 39.71 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

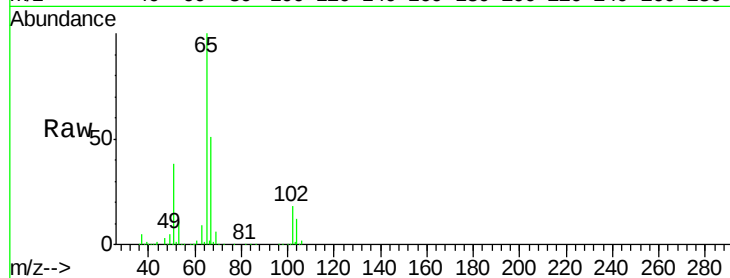
VX0530WBS02

Tgt Ion: 65 Resp: 185078

Ion Ratio Lower Upper

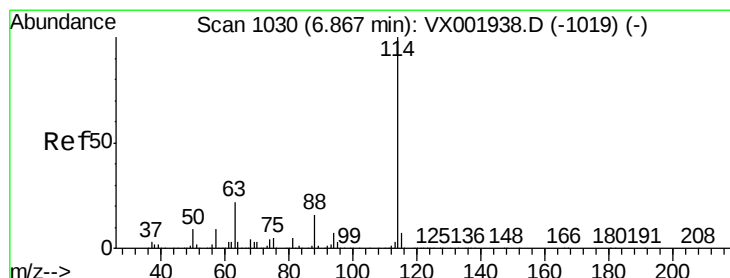
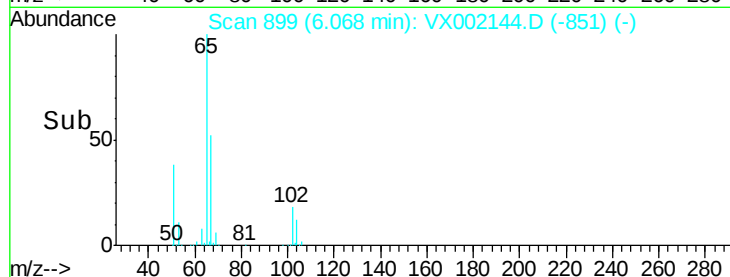
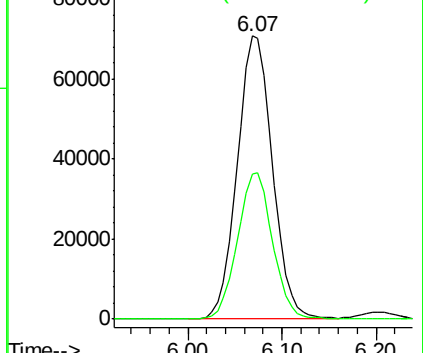
65 100

67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

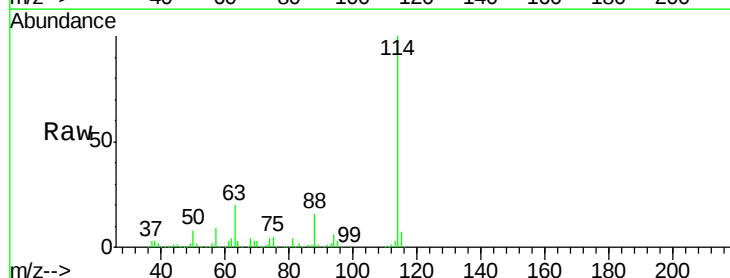
Tgt Ion: 114 Resp: 358101

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

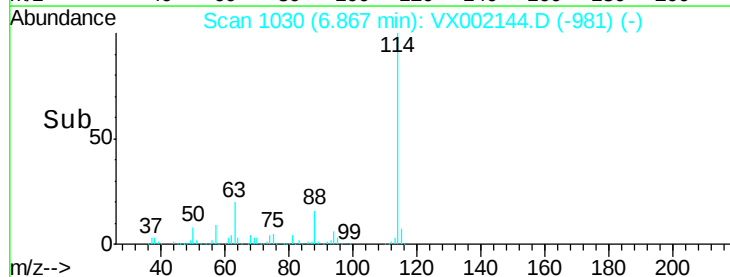
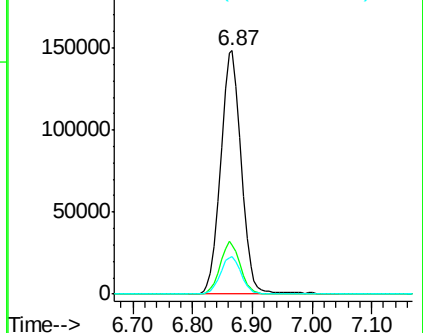
88 15.6 0.0 31.6

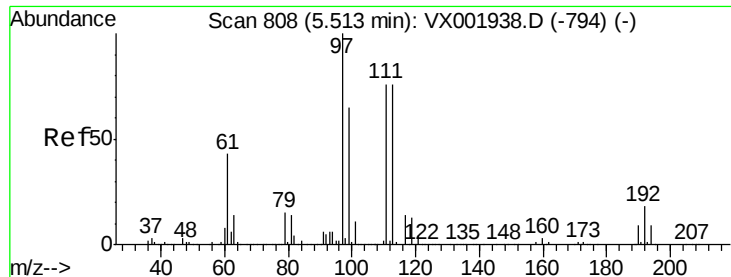


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

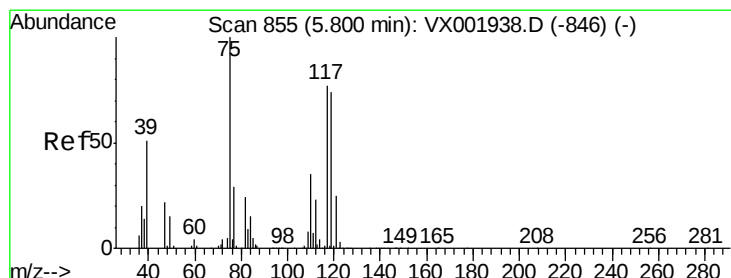
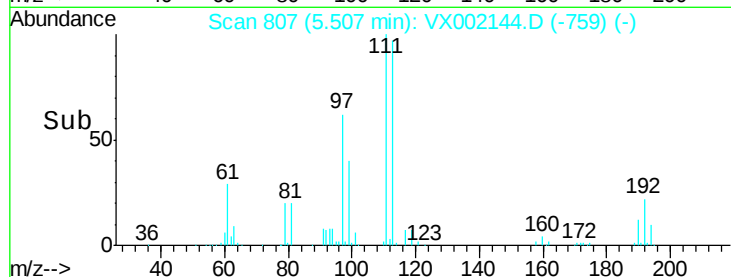
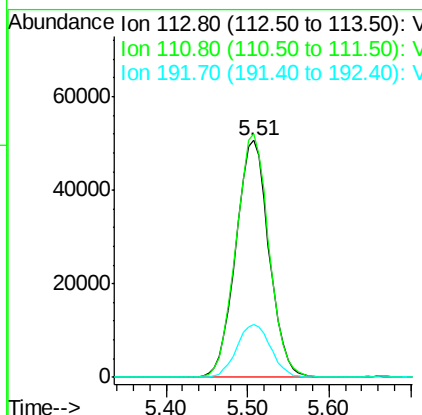
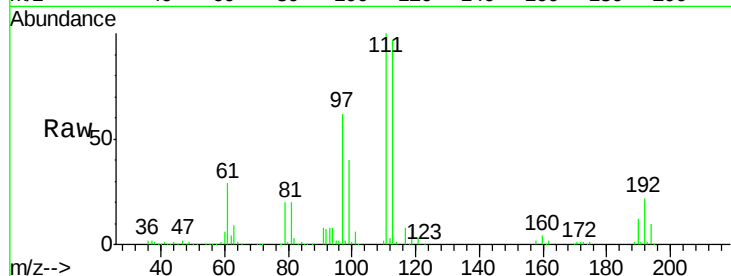




#35
Dibromofluoromethane
Concen: 39.86 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

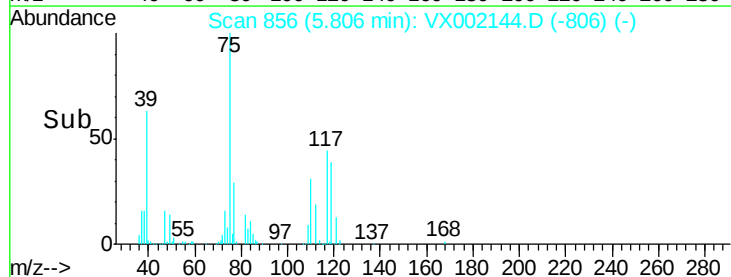
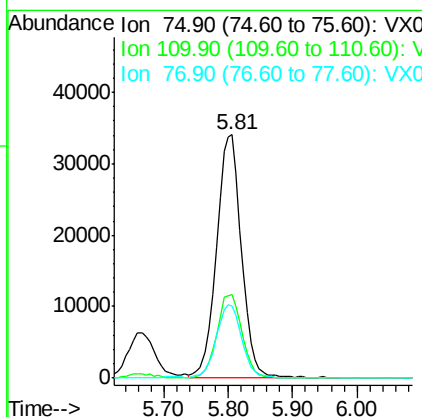
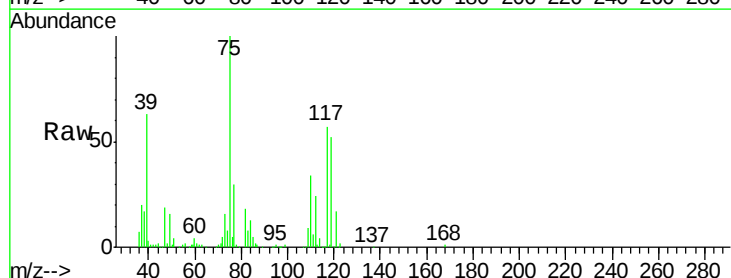
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

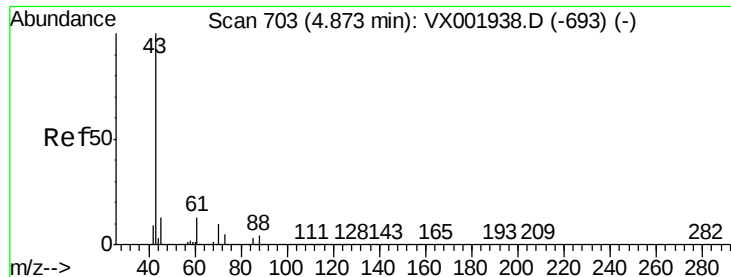
Tgt Ion:113 Resp: 142737
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 23.1 18.9 28.3



#36
1,1-Dichloropropene
Concen: 18.71 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion: 75 Resp: 93194
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.2
77 30.6 24.4 36.6

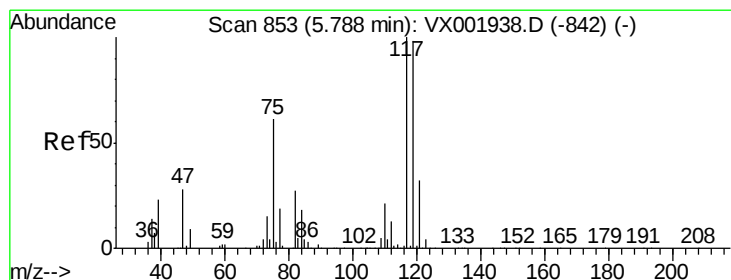
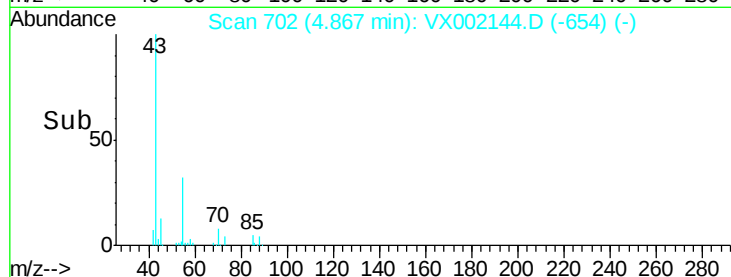
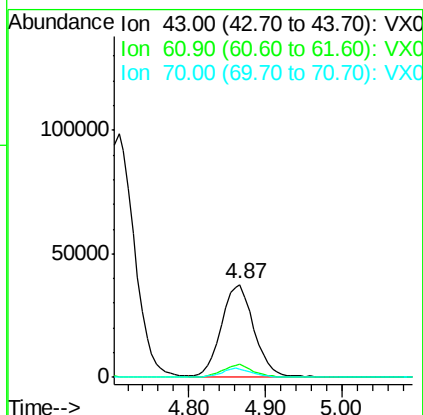
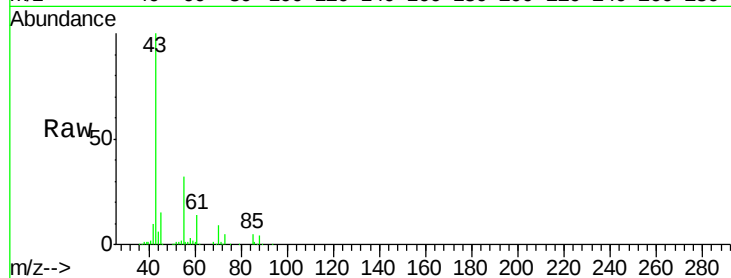




#37
Ethyl Acetate
Concen: 16.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

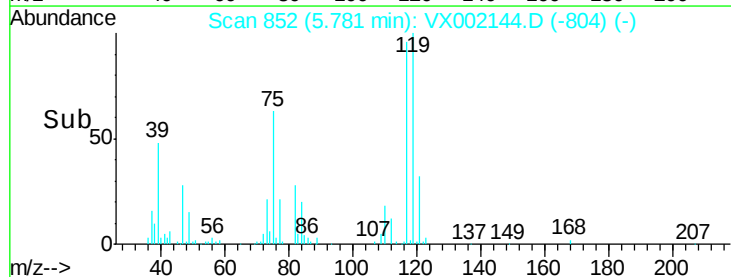
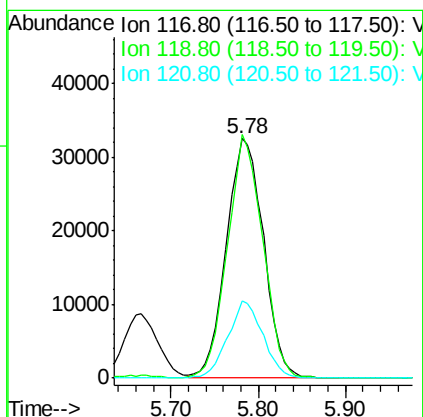
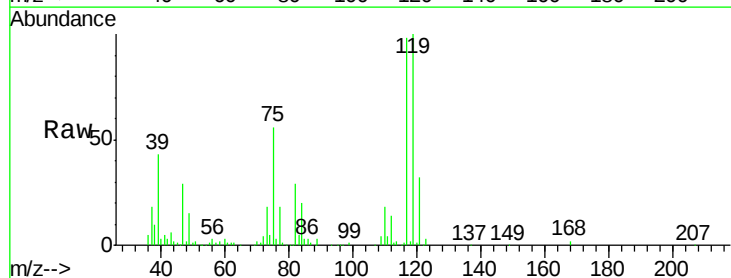
Instrument :
MSVOA_X
ClientSampled :
VX0530WBS02

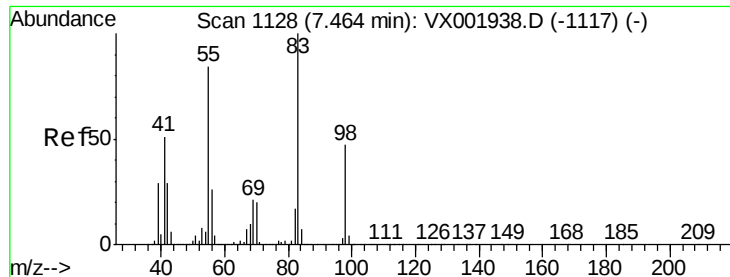
Tgt Ion: 43 Resp: 109498
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 16.58 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion: 117 Resp: 96282
Ion Ratio Lower Upper
117 100
119 101.3 78.5 117.7
121 32.2 25.5 38.3

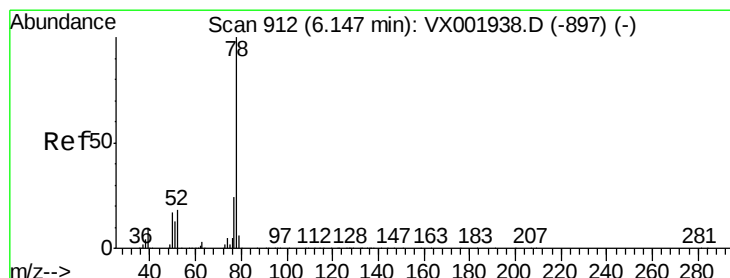
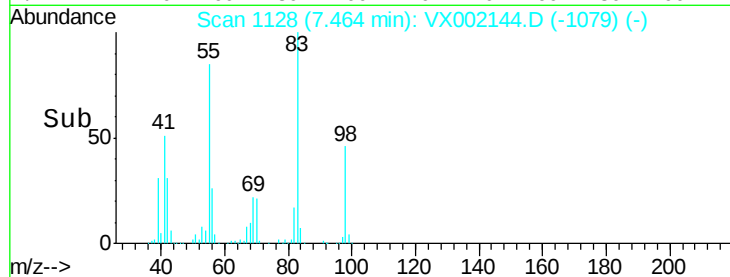
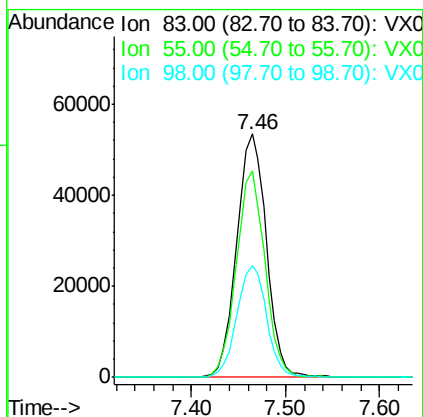
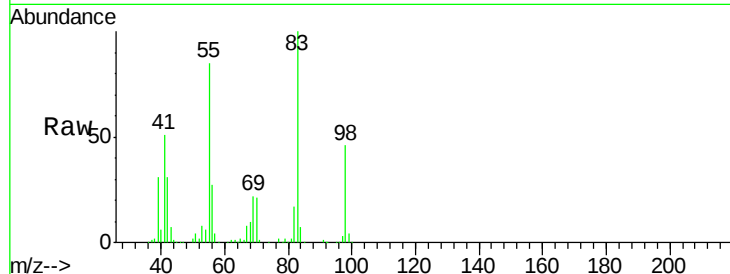




#39
Methylcyclohexane
Concen: 19.32 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

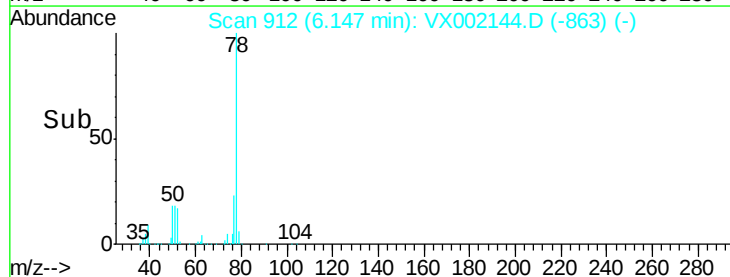
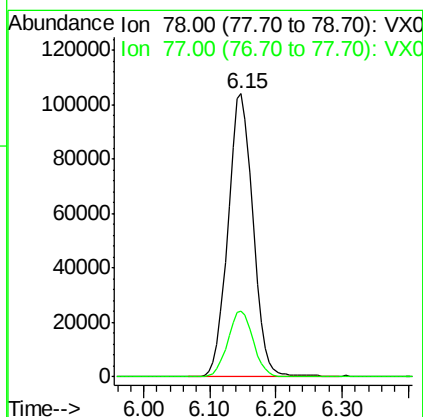
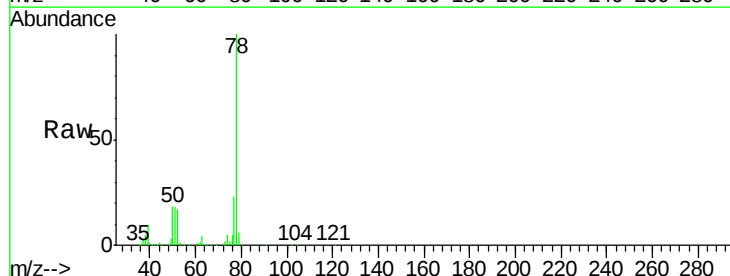
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

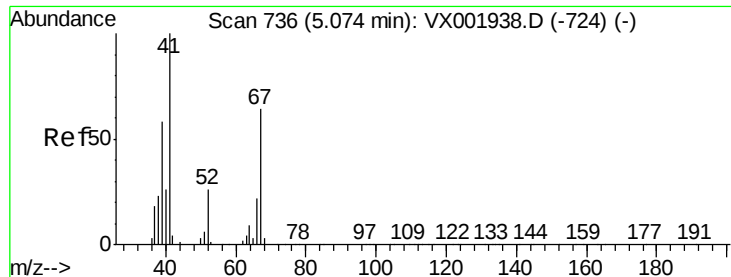
Tgt Ion: 83 Resp: 118201
Ion Ratio Lower Upper
83 100
55 84.9 67.3 100.9
98 46.1 37.5 56.3



#40
Benzene
Concen: 18.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion: 78 Resp: 273924
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





#41

Methacrylonitrile

Concen: 17.30 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS02

Tgt Ion: 41 Resp: 62326

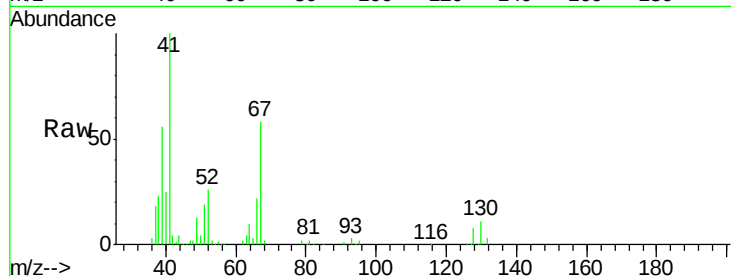
Ion Ratio Lower Upper

41 100

39 56.5 46.0 69.0

67 64.4 50.6 75.8

52 28.3 21.9 32.9

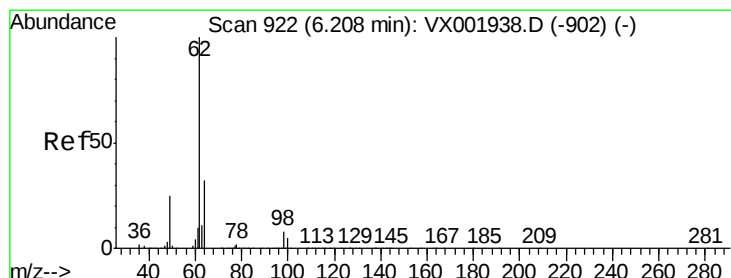
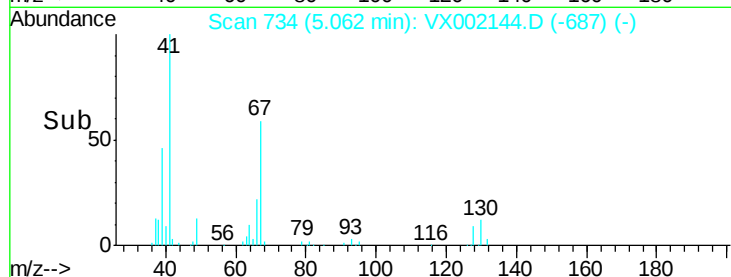
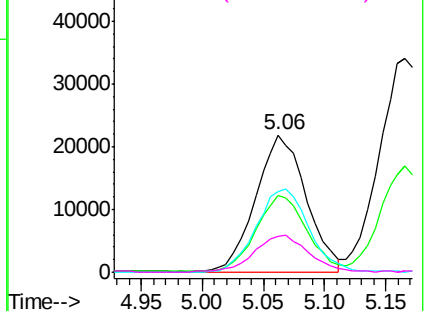


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.09 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002144.D

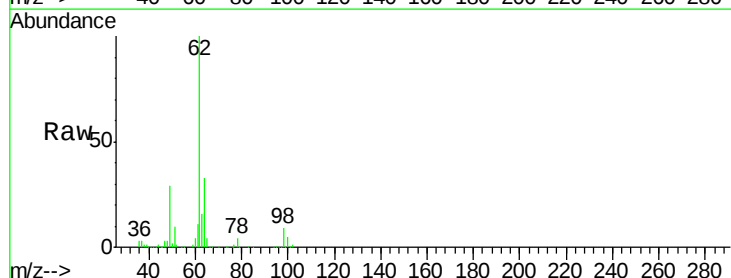
Acq: 30 May 2018 17:59

Tgt Ion: 62 Resp: 105428

Ion Ratio Lower Upper

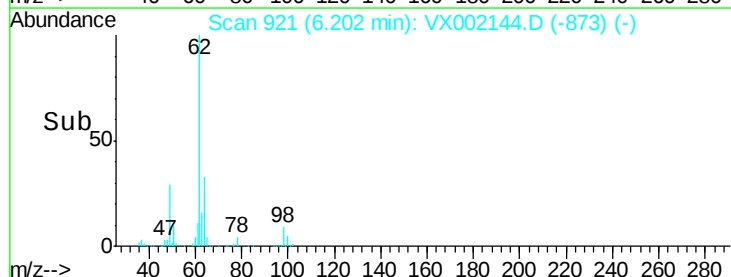
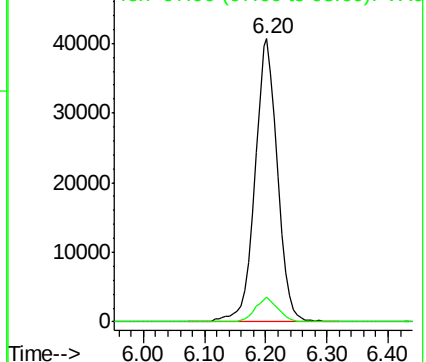
62 100

98 8.7 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.19 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

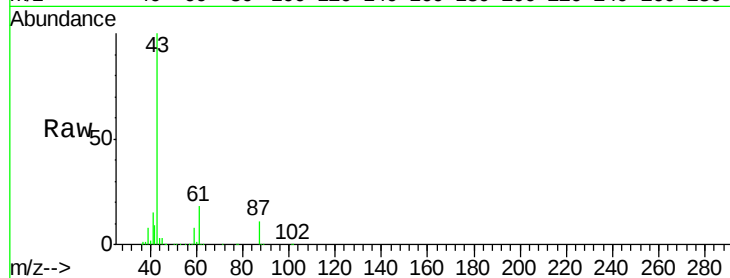
Tgt Ion: 43 Resp: 185977

Ion Ratio Lower Upper

43 100

61 17.7 14.5 21.7

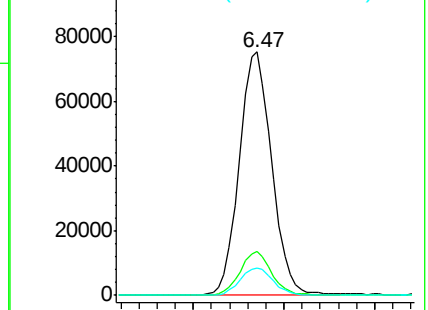
87 11.6 9.5 14.3



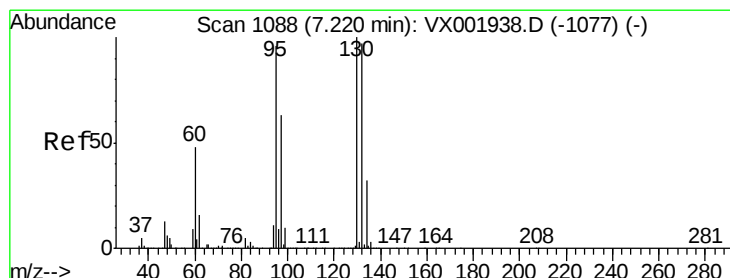
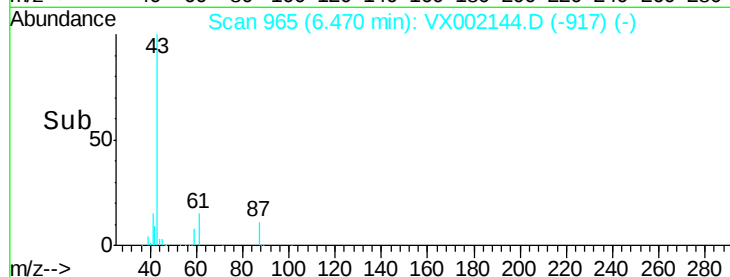
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 18.58 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002144.D

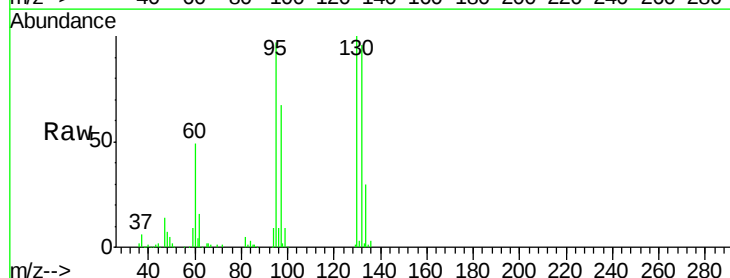
Acq: 30 May 2018 17:59

Tgt Ion: 130 Resp: 79030

Ion Ratio Lower Upper

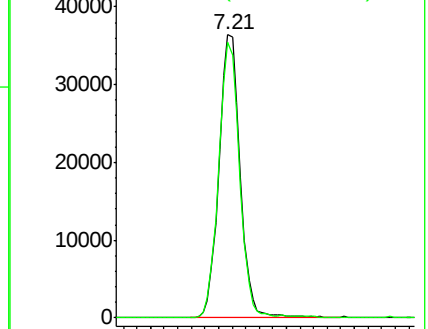
130 100

95 97.2 0.0 192.0

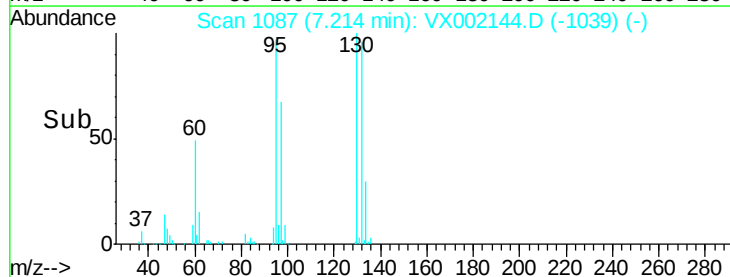


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 18.45 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

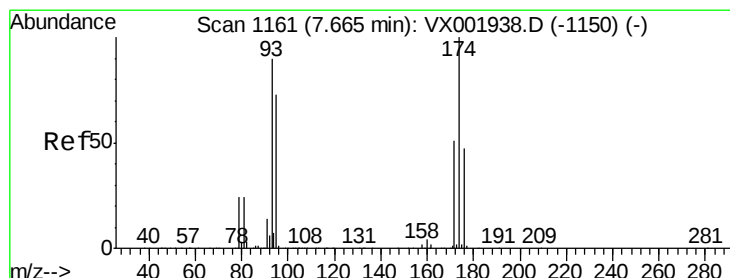
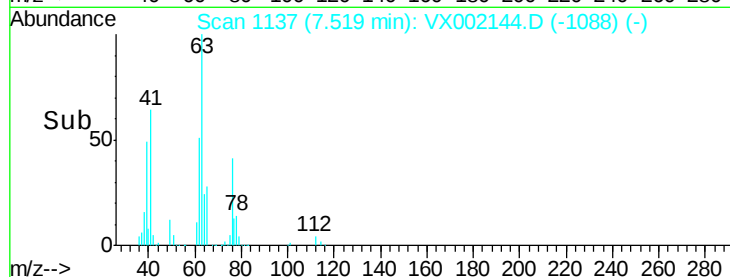
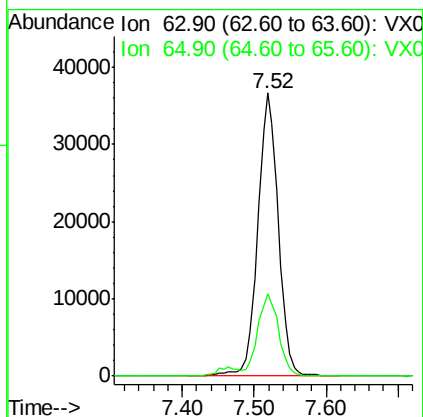
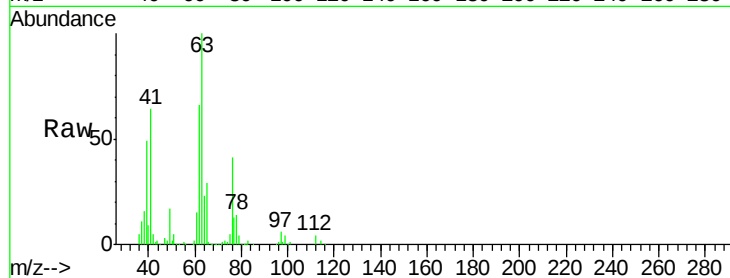
VX0530WBS02

Tgt Ion: 63 Resp: 73116

Ion Ratio Lower Upper

63 100

65 29.3 24.1 36.1



#46

Dibromomethane

Concen: 18.24 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

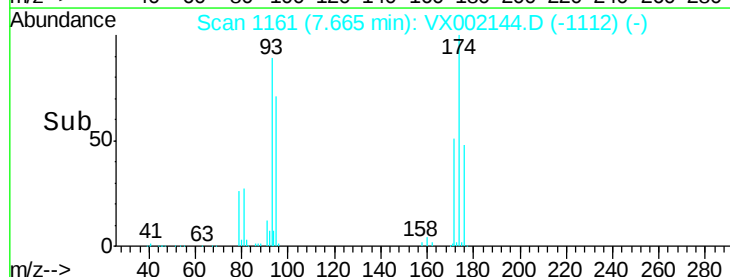
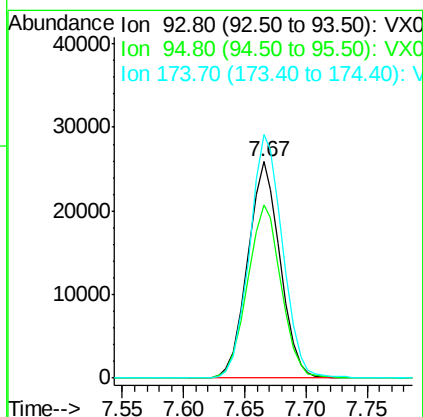
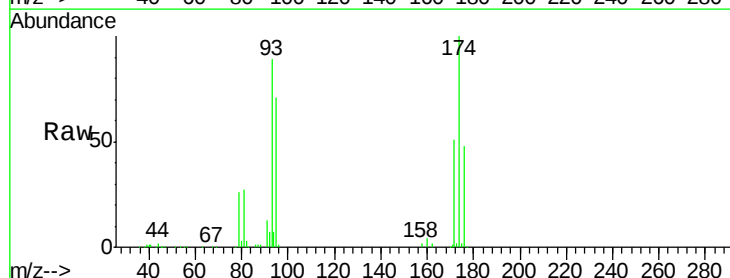
Tgt Ion: 93 Resp: 47848

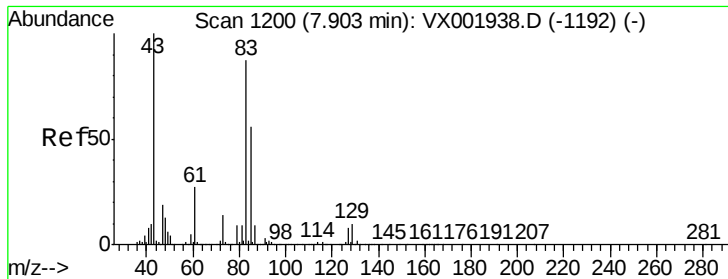
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 114.8 92.5 138.7





#47

Bromodichloromethane

Concen: 15.94 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

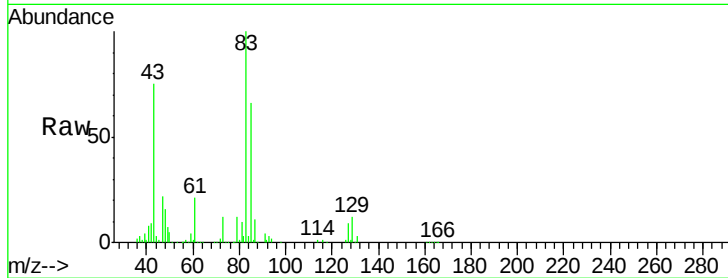
Tgt Ion: 83 Resp: 89195

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.2

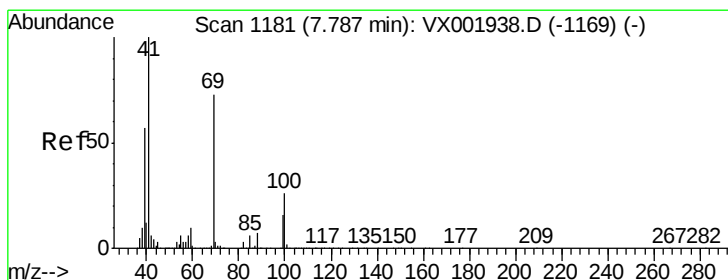
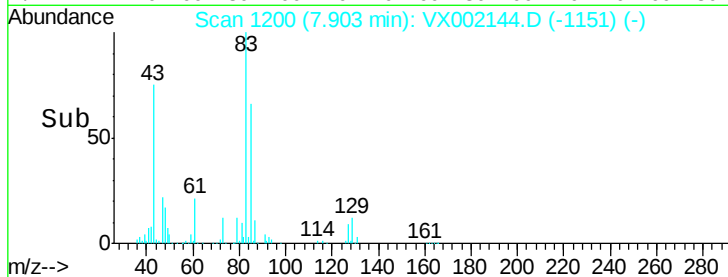
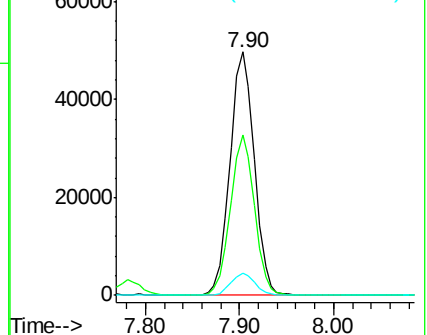
127 9.2 7.1 10.7



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: 17.18 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

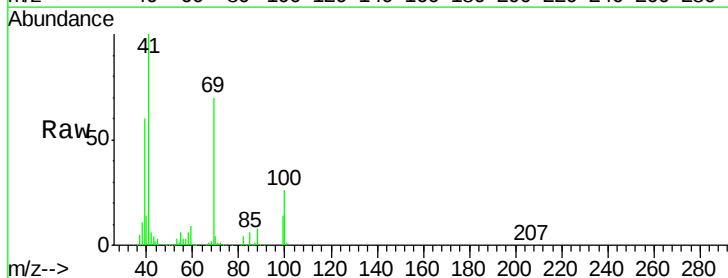
Tgt Ion: 41 Resp: 94625

Ion Ratio Lower Upper

41 100

69 72.4 58.6 87.8

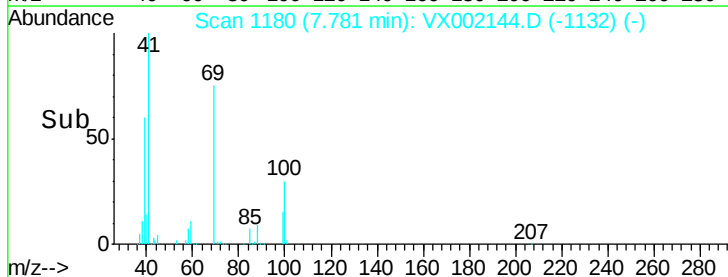
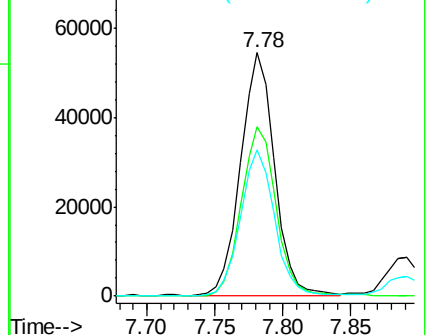
39 59.9 46.3 69.5

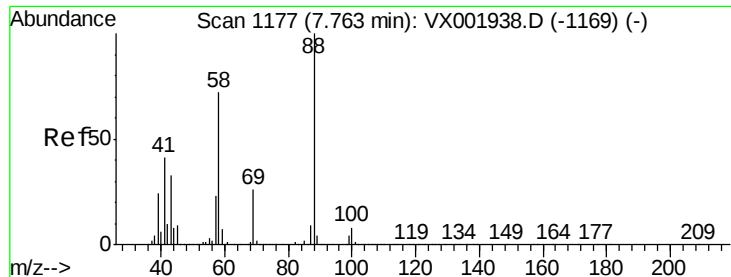


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

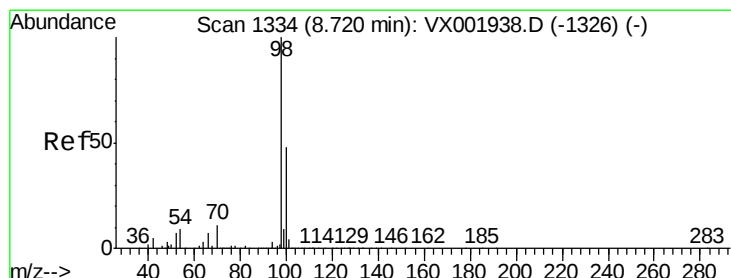
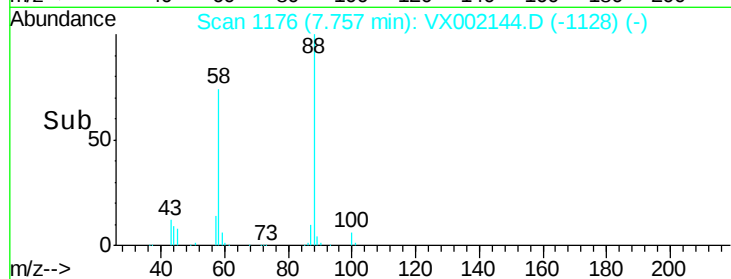
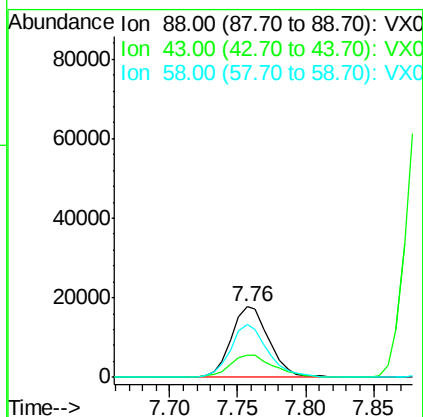
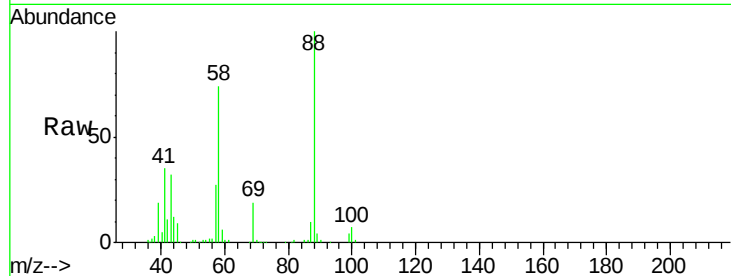




#49
1,4-Dioxane
Concen: 353.95 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

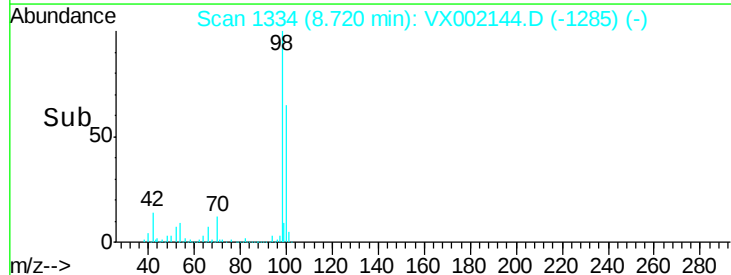
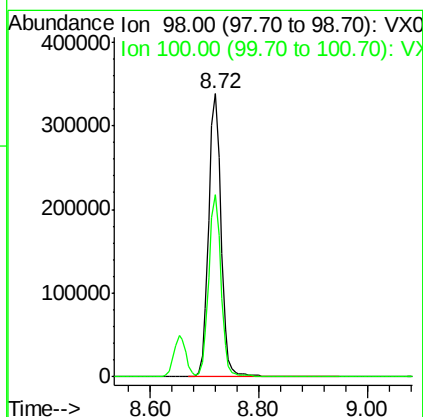
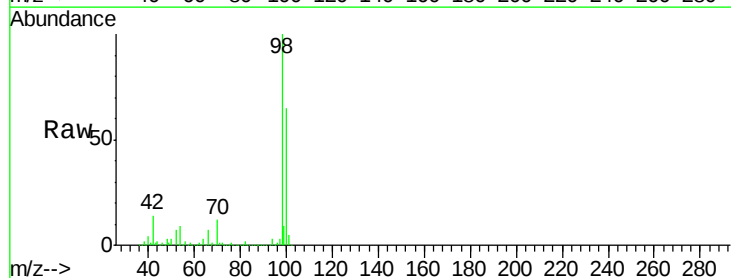
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

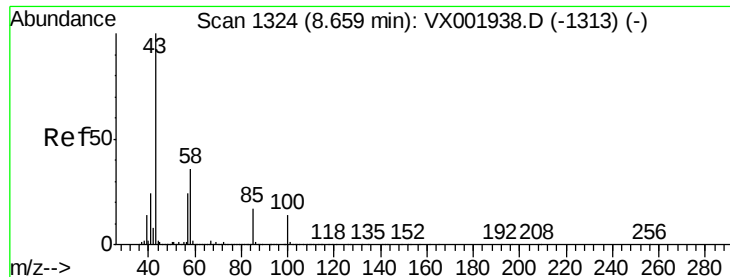
Tgt Ion: 88 Resp: 34349
Ion Ratio Lower Upper
88 100
43 37.0 29.8 44.8
58 75.1 58.7 88.1



#50
Toluene-d8
Concen: 41.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion: 98 Resp: 536762
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

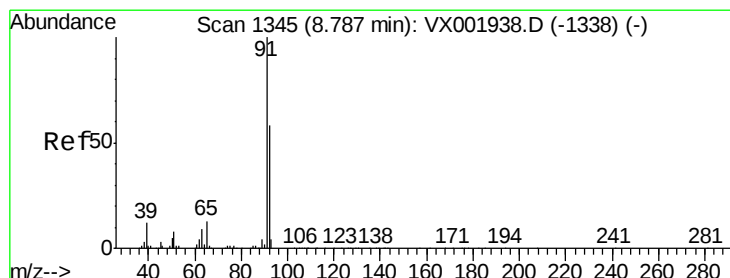
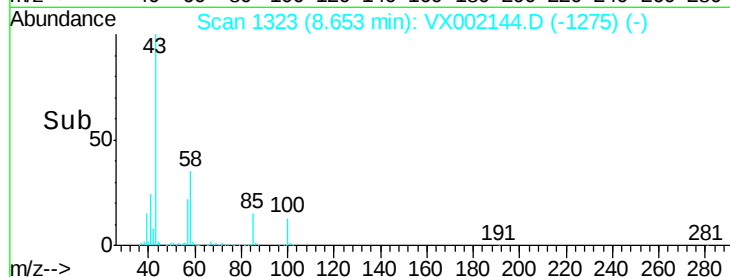
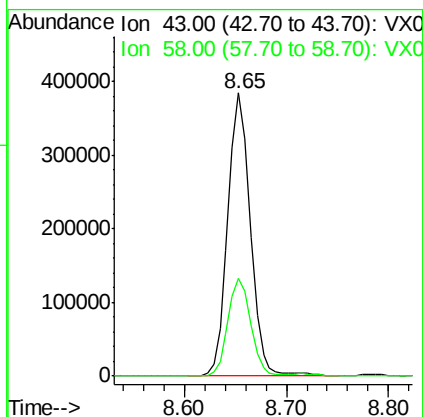
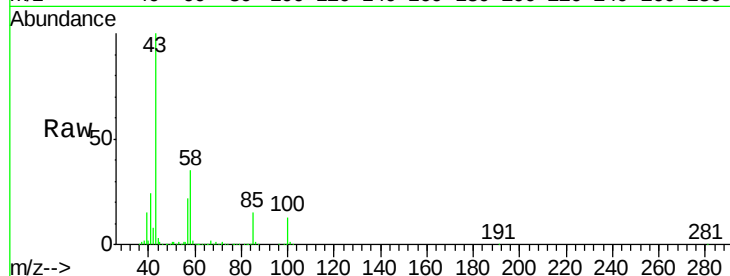




#51
 4-Methyl-2-Pentanone
 Concen: 90.72 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

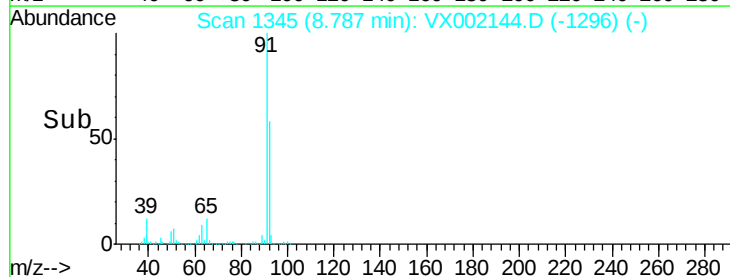
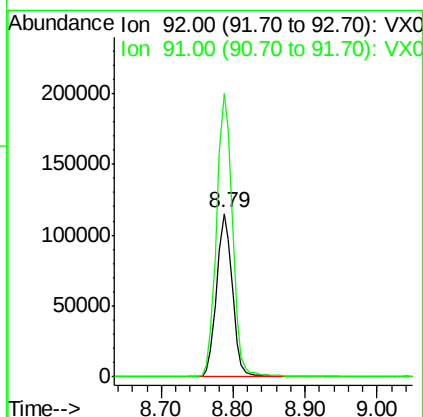
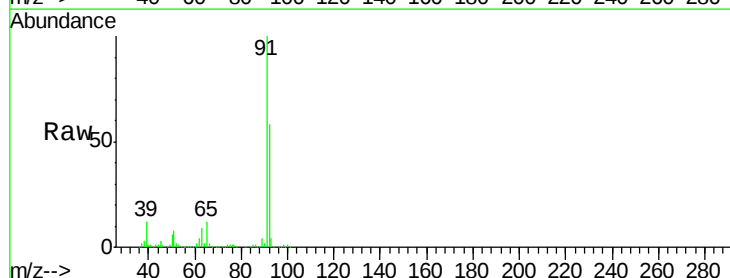
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Tgt Ion: 43 Resp: 591703
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.5 42.7



#52
 Toluene
 Concen: 18.86 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion: 92 Resp: 175178
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 17.10 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

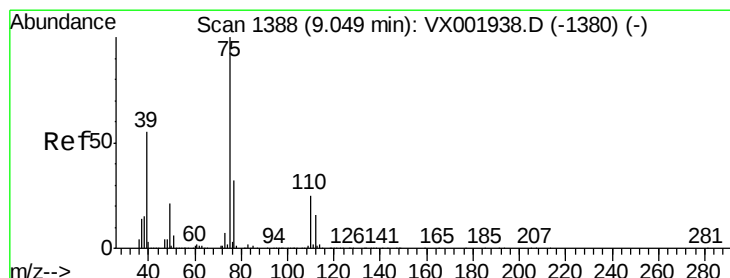
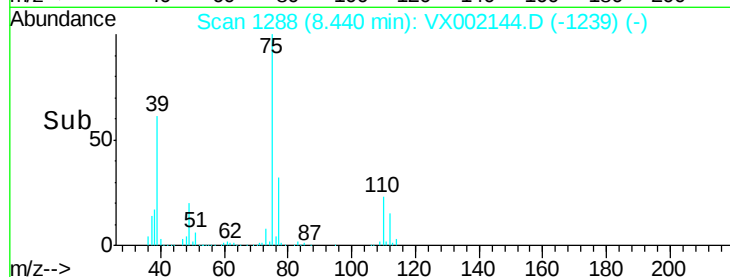
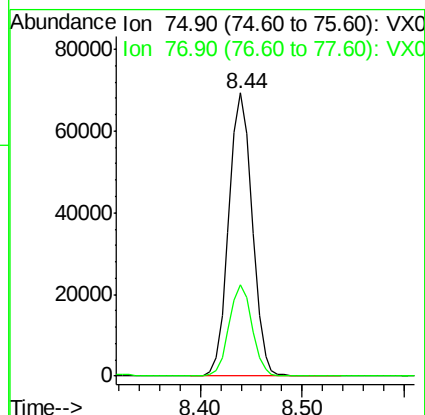
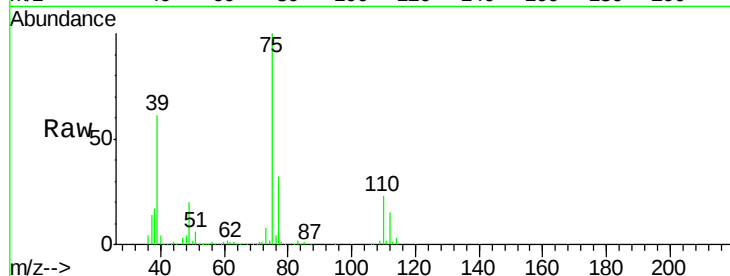
VX0530WBS02

Tgt Ion: 75 Resp: 110173

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 16.31 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

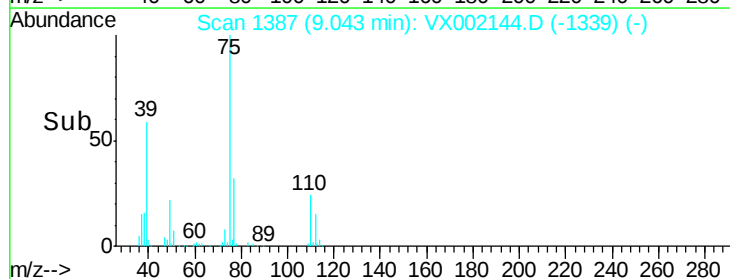
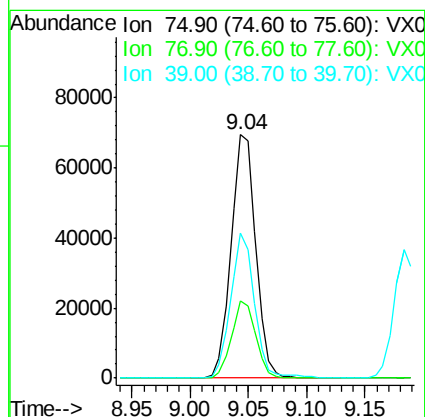
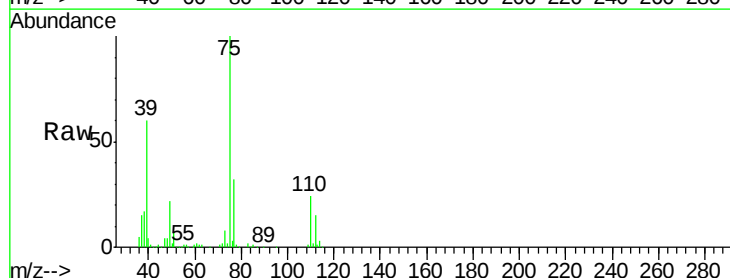
Tgt Ion: 75 Resp: 102384

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 59.6 44.1 66.1

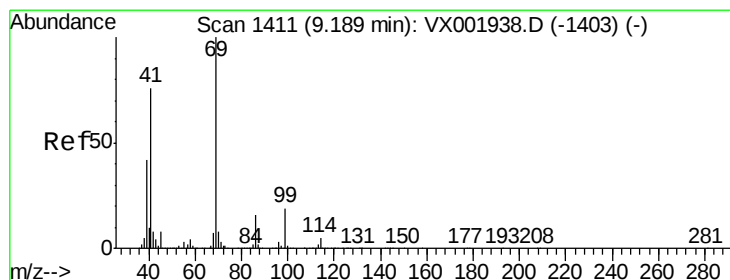
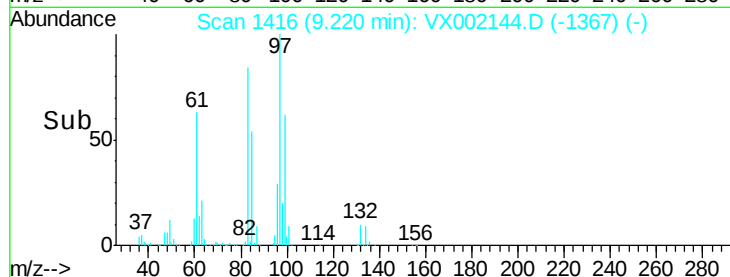
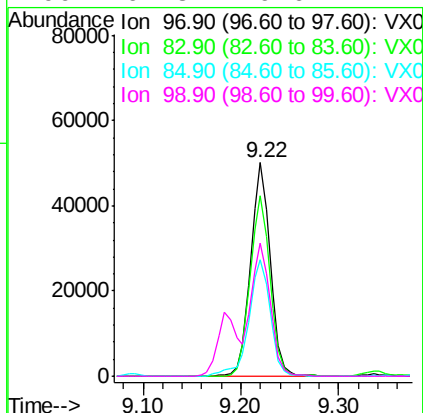
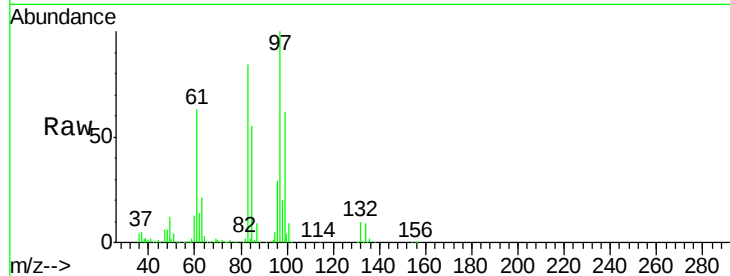




#55
 1,1,2-Trichloroethane
 Concen: 18.10 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

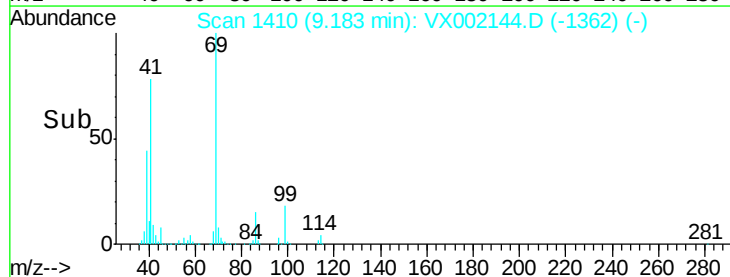
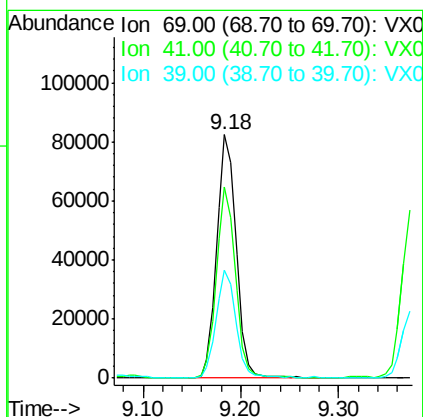
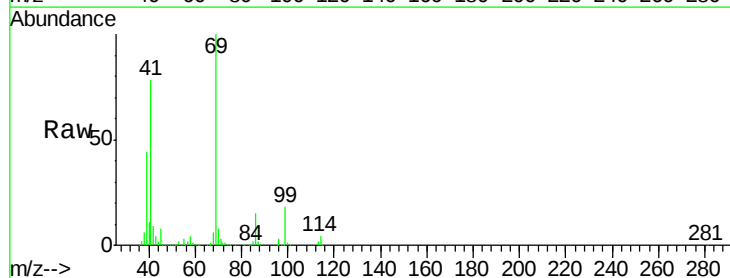
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

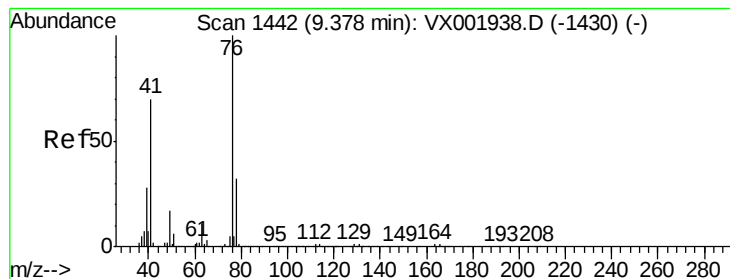
Tgt Ion:	97	Resp:	70231
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.1	103.7
85	54.6	45.2	67.8
99	62.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 17.13 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion:	69	Resp:	114329
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.0	91.6
39	44.4	34.4	51.6





#57

1,3-Dichloropropane

Concen: 18.48 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

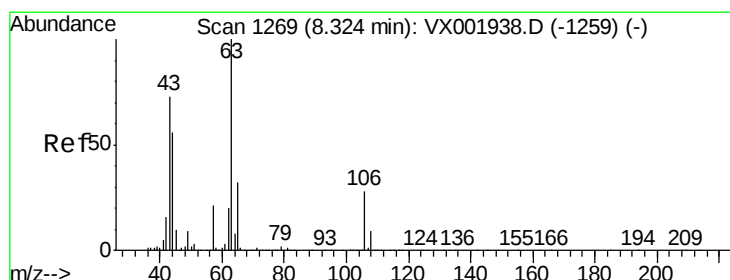
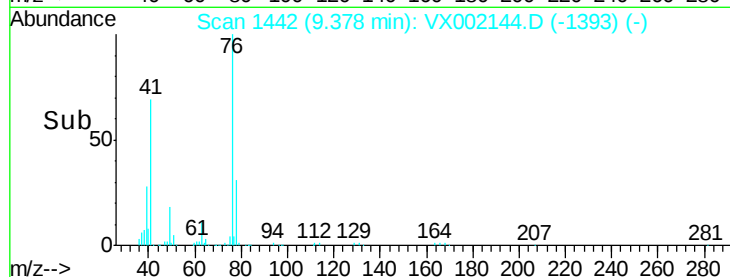
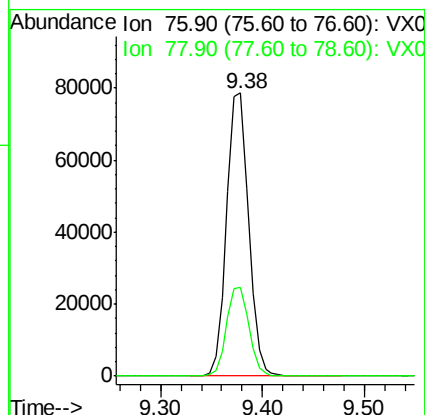
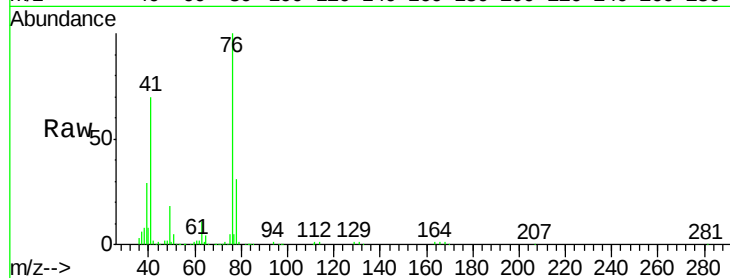
VX0530WBS02

Tgt Ion: 76 Resp: 118090

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.18 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002144.D

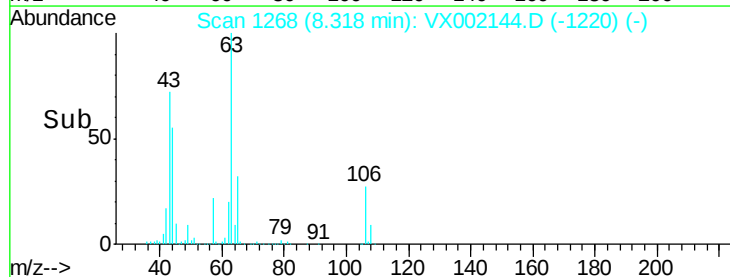
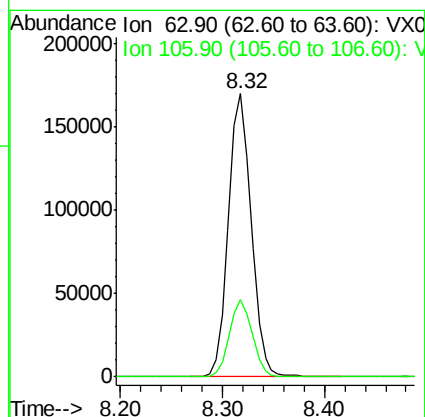
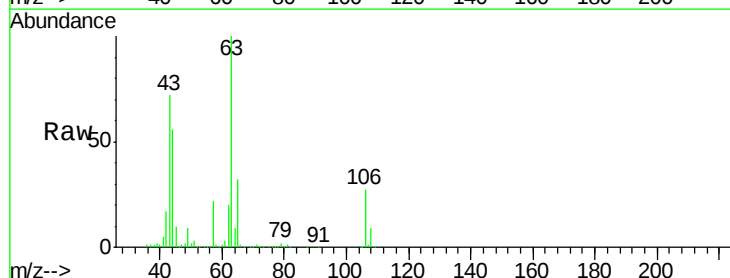
Acq: 30 May 2018 17:59

Tgt Ion: 63 Resp: 263769

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5

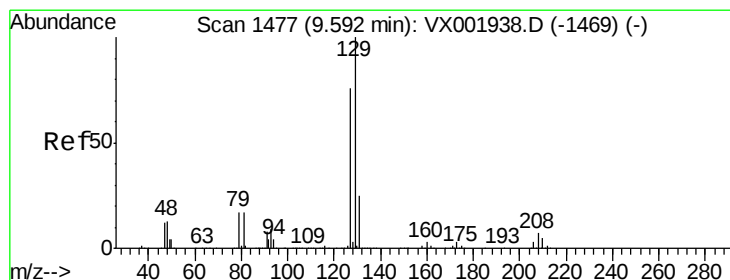
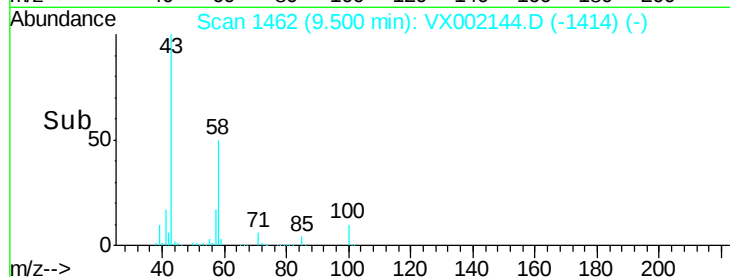
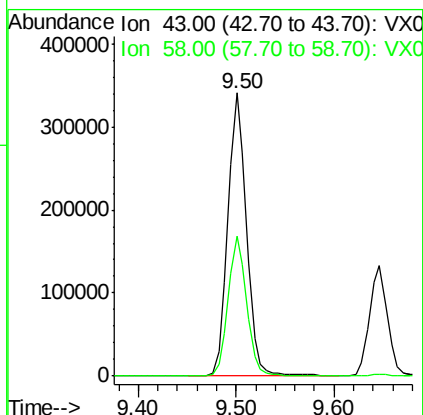
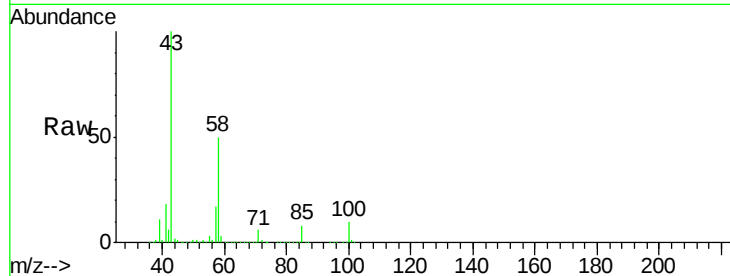




#59
2-Hexanone
Concen: 89.72 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

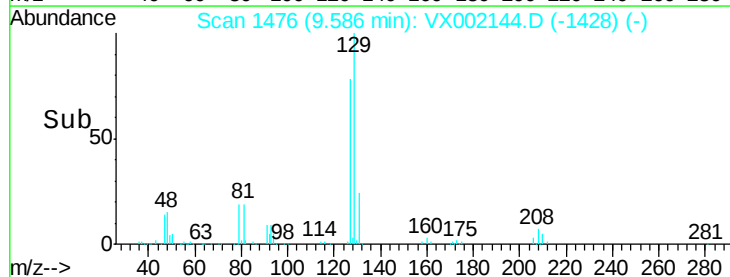
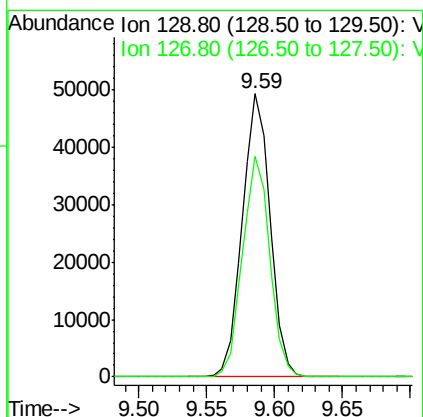
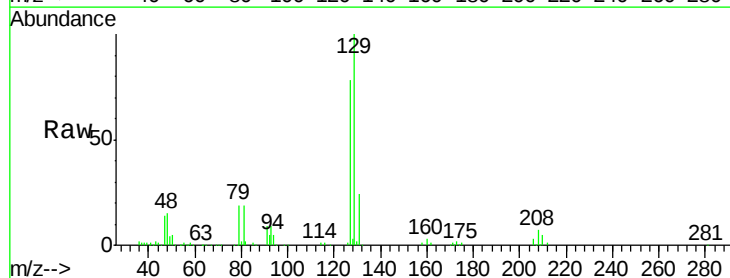
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

Tgt Ion: 43 Resp: 451222
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6



#60
Dibromochloromethane
Concen: 15.38 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion: 129 Resp: 70674
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.02 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

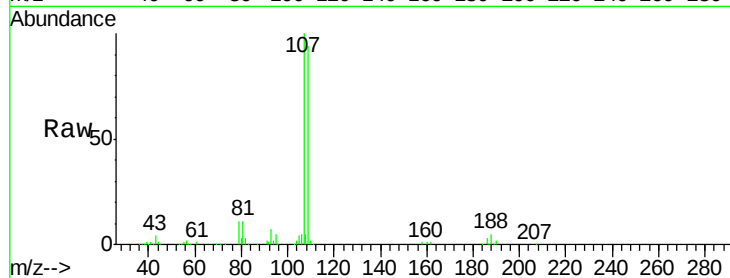
VX0530WBS02

Tgt Ion: 107 Resp: 73369

Ion Ratio Lower Upper

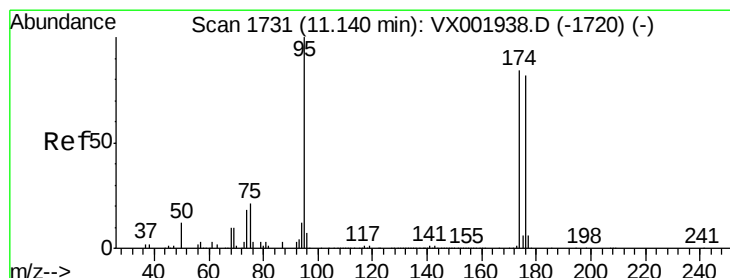
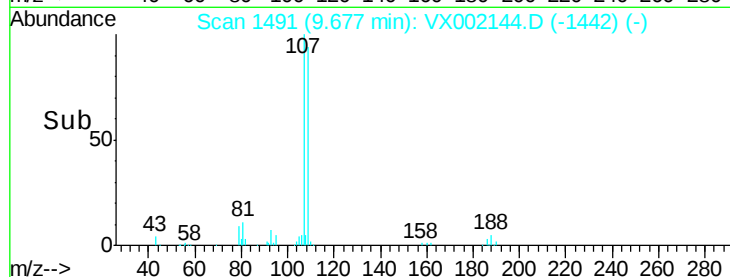
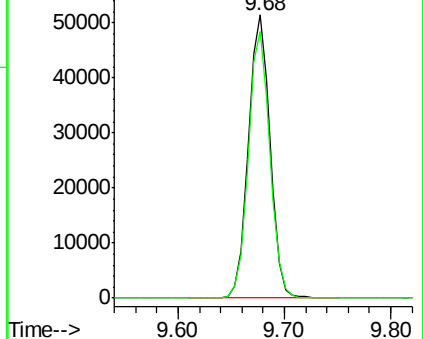
107 100

109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

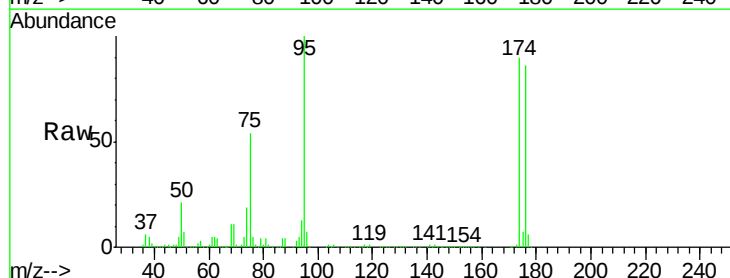
Tgt Ion: 95 Resp: 207431

Ion Ratio Lower Upper

95 100

174 92.8 0.0 178.8

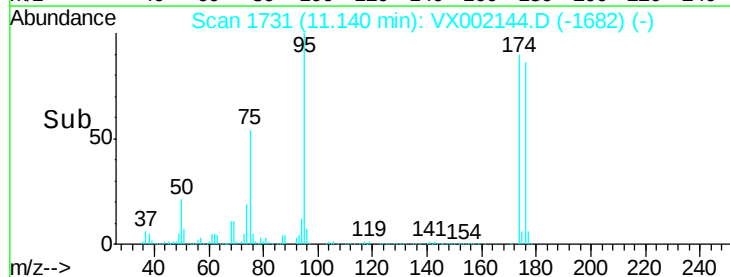
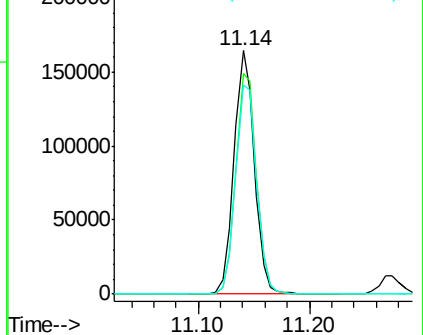
176 89.3 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

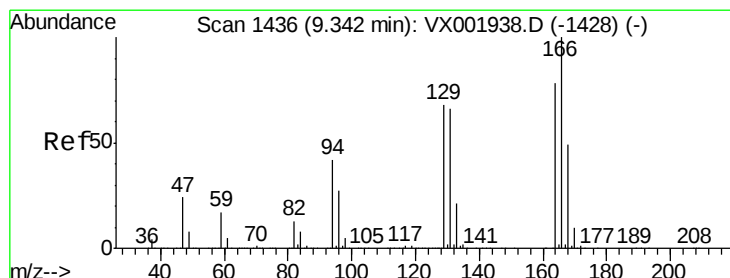
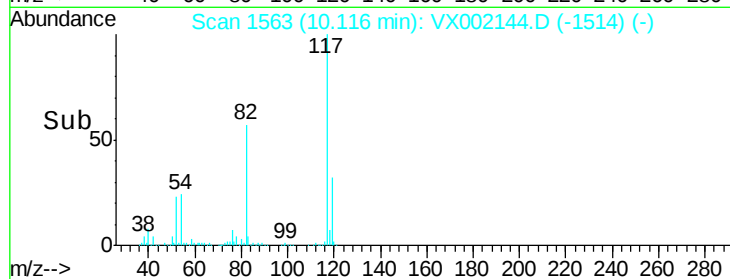
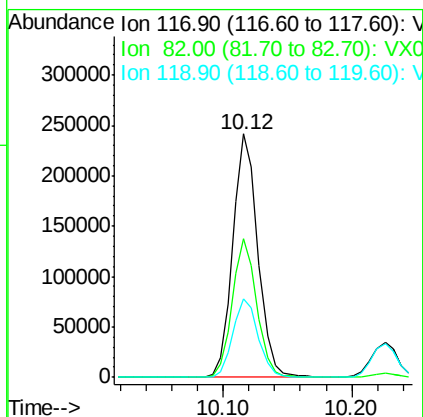
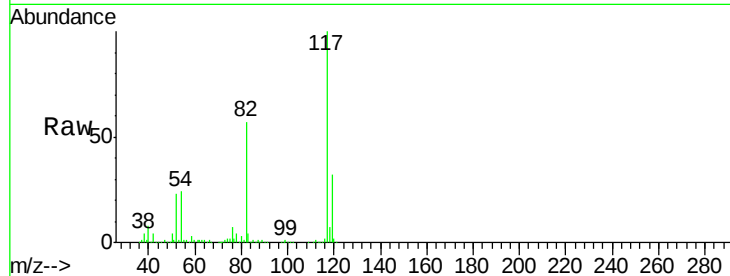




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

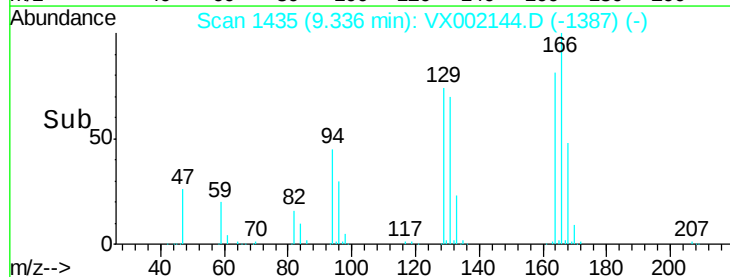
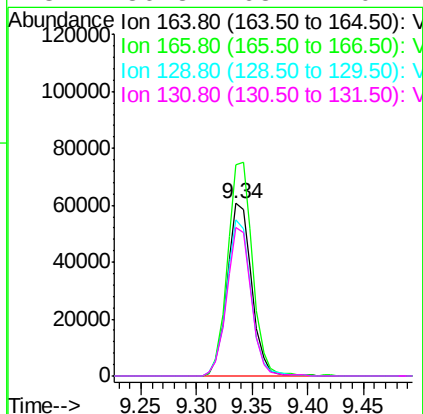
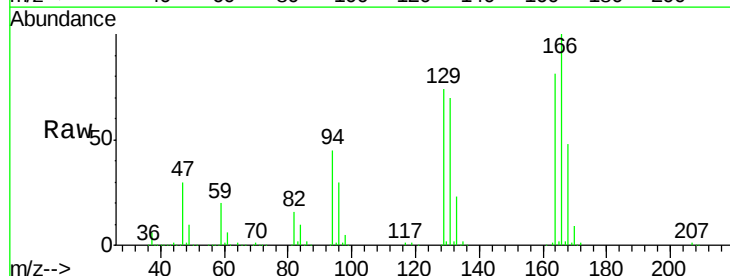
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

Tgt Ion:117 Resp: 327859
Ion Ratio Lower Upper
117 100
82 57.0 44.8 67.2
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 19.61 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion:164 Resp: 92166
Ion Ratio Lower Upper
164 100
166 122.7 102.7 154.1
129 90.3 70.3 105.5
131 86.3 68.2 102.4





#65

Chlorobenzene

Concen: 19.07 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

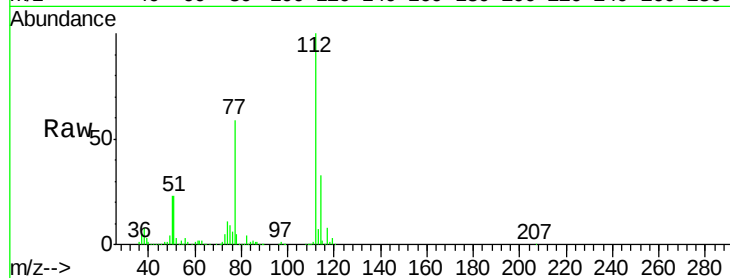
VX0530WBS02

Tgt Ion:112 Resp: 198101

Ion Ratio Lower Upper

112 100

114 32.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

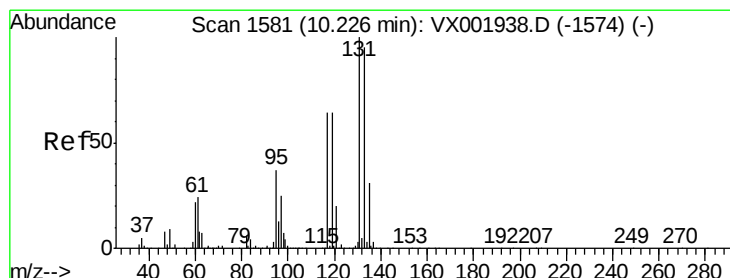
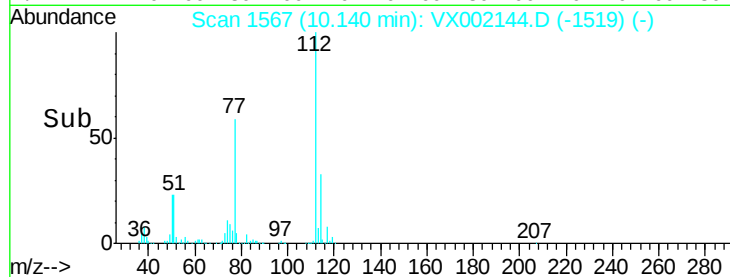
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.09 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

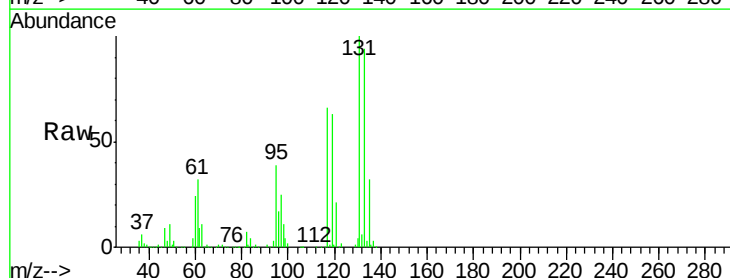
Tgt Ion:131 Resp: 71684

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

119 63.2 31.9 95.5



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

10.23

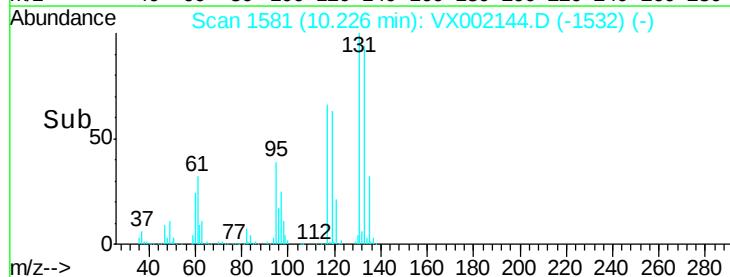
60000

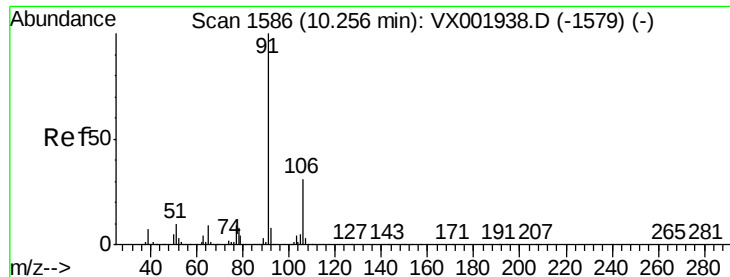
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 19.08 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

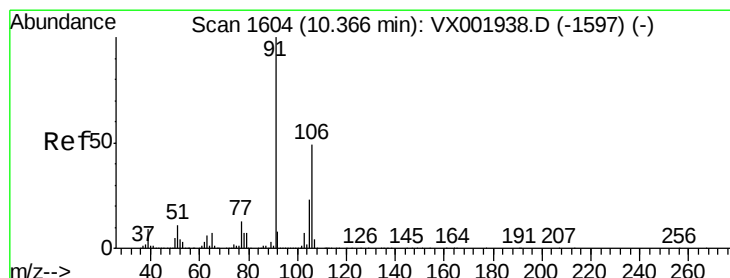
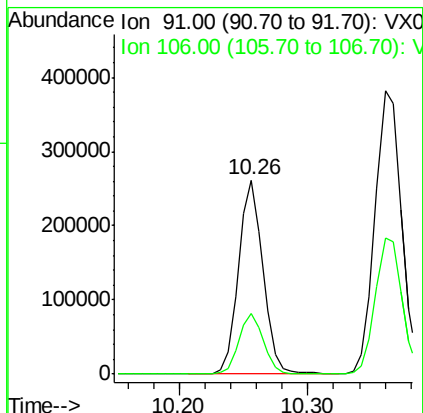
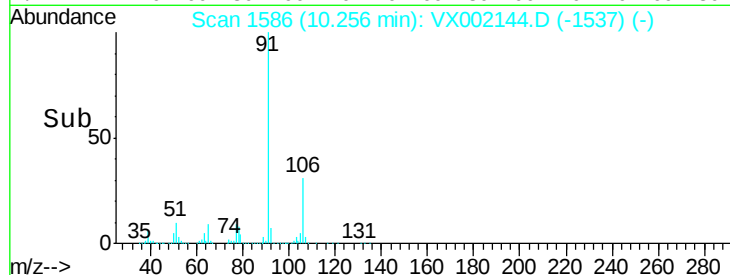
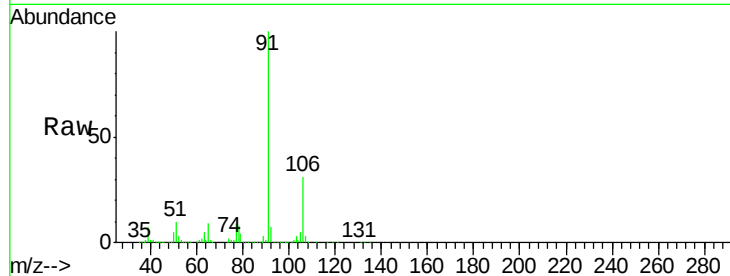
VX0530WBS02

Tgt Ion: 91 Resp: 344432

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 38.14 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002144.D

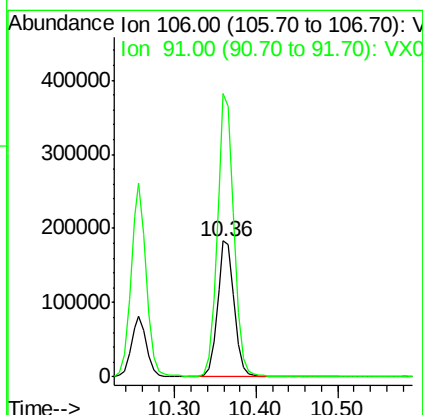
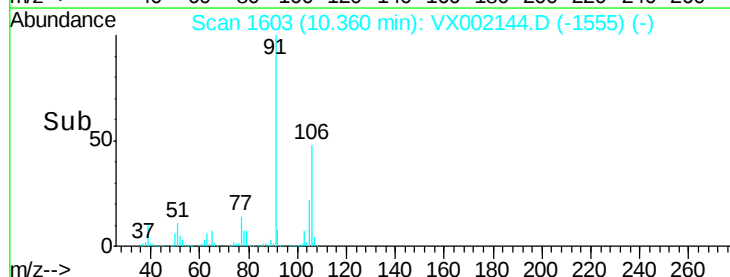
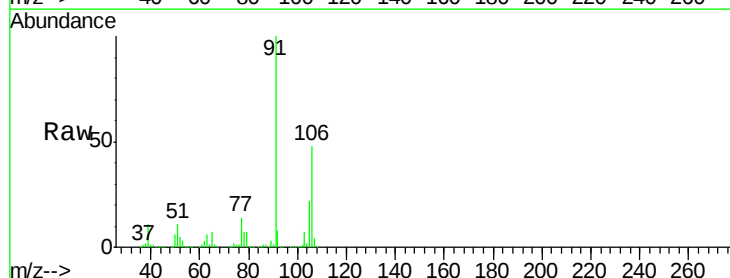
Acq: 30 May 2018 17:59

Tgt Ion: 106 Resp: 263112

Ion Ratio Lower Upper

106 100

91 207.1 165.0 247.6

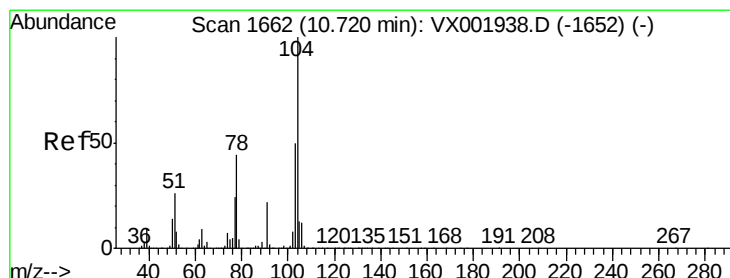
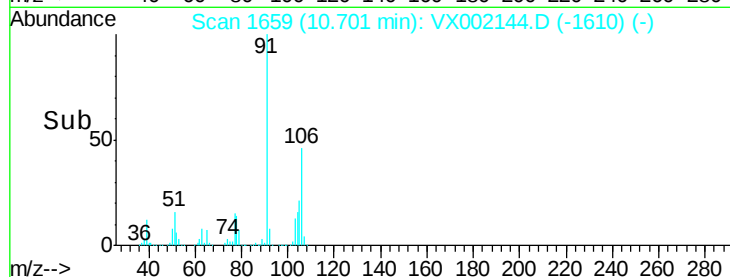
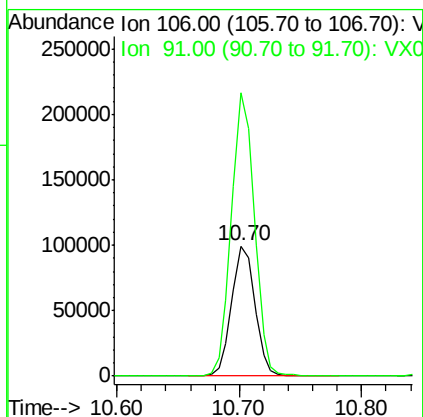
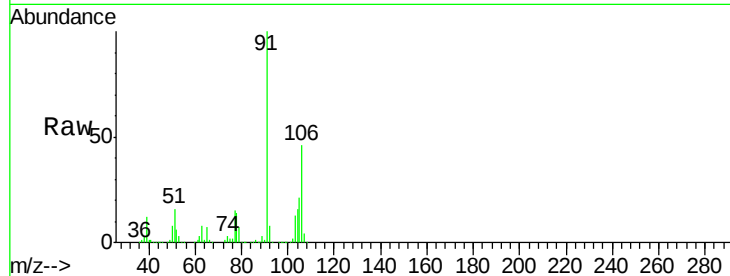




#69
o-Xylene
Concen: 19.01 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

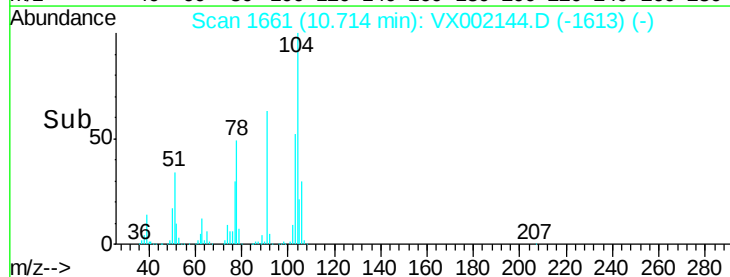
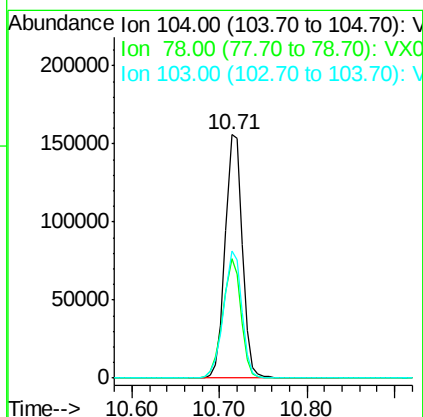
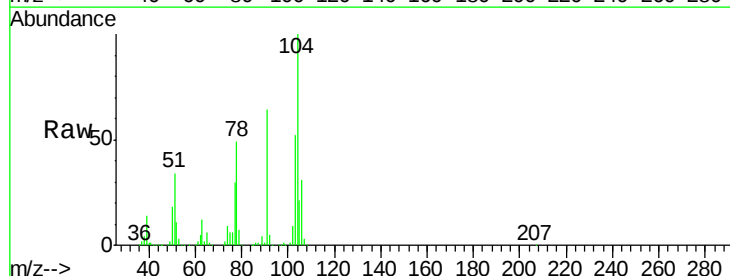
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS02

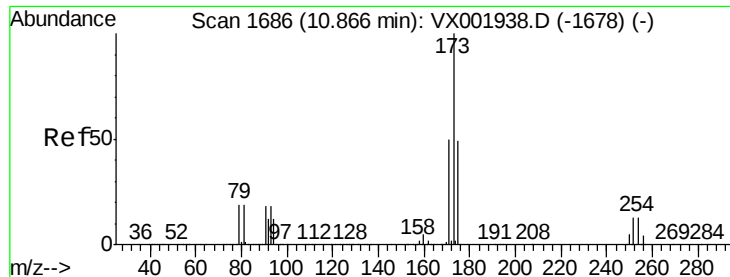
Tgt Ion:106 Resp: 130961
Ion Ratio Lower Upper
106 100
91 215.5 108.7 325.9



#70
Styrene
Concen: 18.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002144.D
Acq: 30 May 2018 17:59

Tgt Ion:104 Resp: 211795
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.6
103 55.6 44.6 67.0





#71

Bromoform

Concen: 13.83 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS02

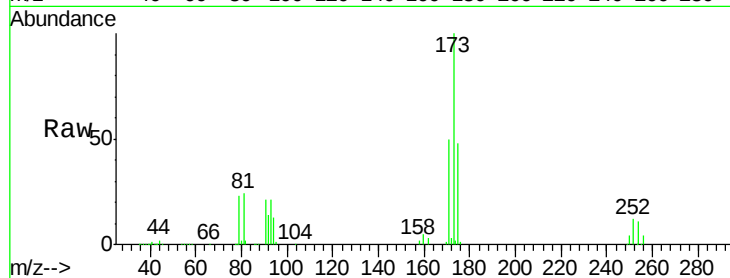
Tgt Ion:173 Resp: 55019

Ion Ratio Lower Upper

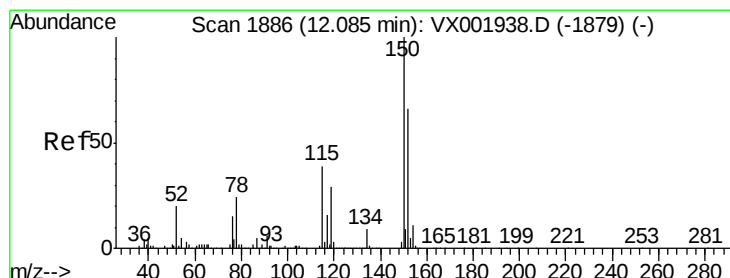
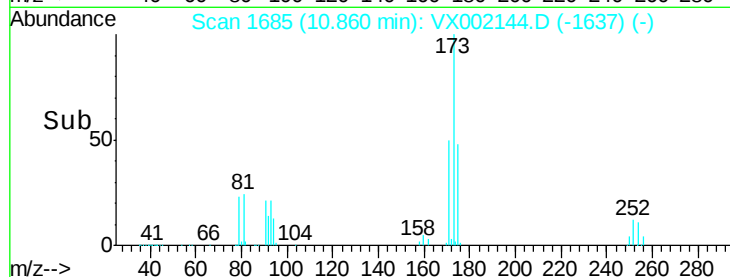
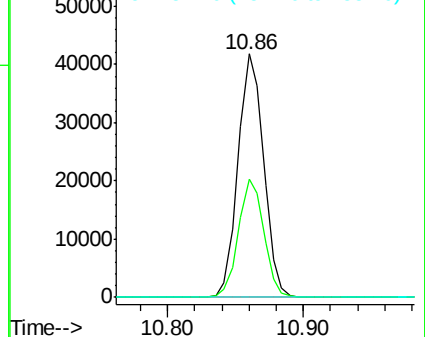
173 100

175 47.9 24.3 72.9

254 0.1 0.1 0.1



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: VX002144.D

Acq: 30 May 2018 17:59

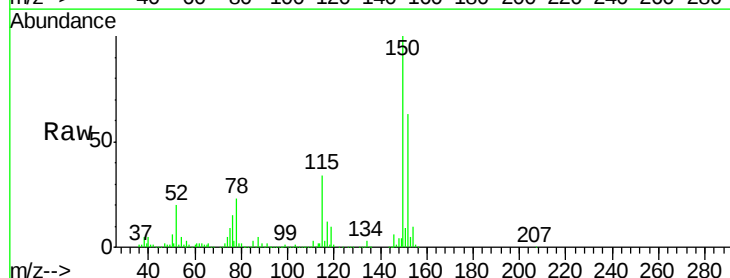
Tgt Ion:152 Resp: 216371

Ion Ratio Lower Upper

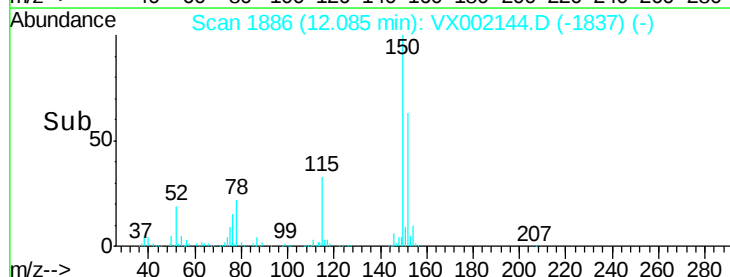
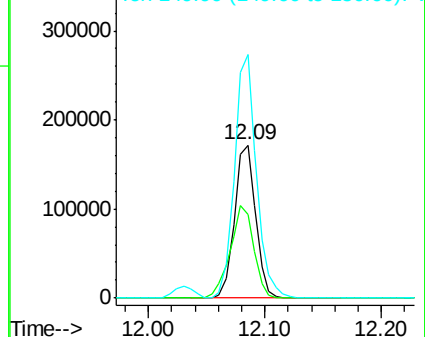
152 100

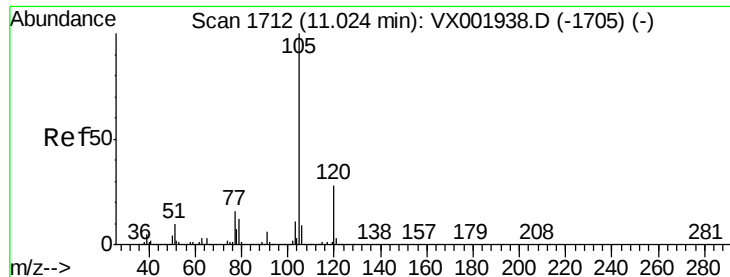
115 67.2 42.3 126.8

150 165.2 0.0 351.0



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: 19.22 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

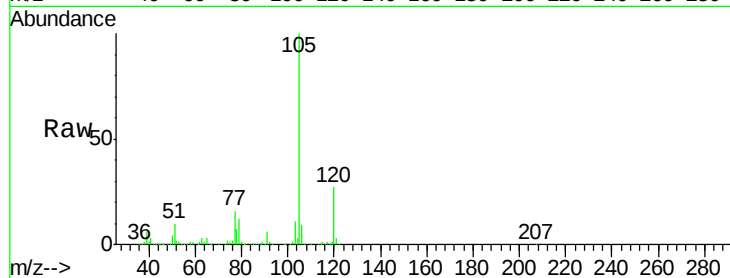
VX0530WBS02

Tgt Ion: 105 Resp: 352225

Ion Ratio Lower Upper

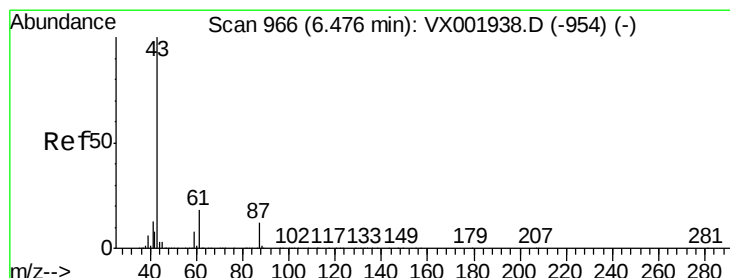
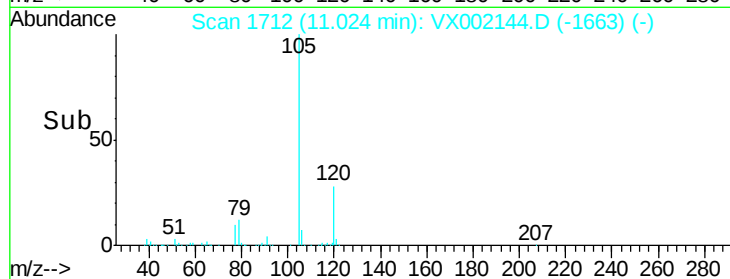
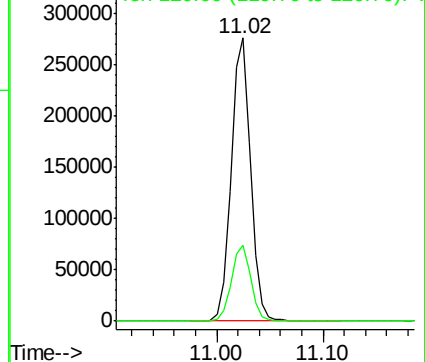
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.52 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Tgt Ion: 43 Resp: 185977

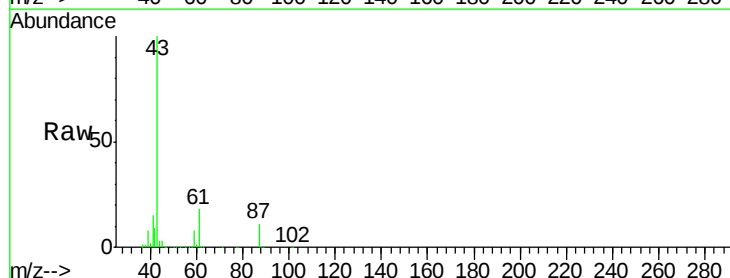
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.2 0.1 0.1#

61 17.7 14.5 21.7

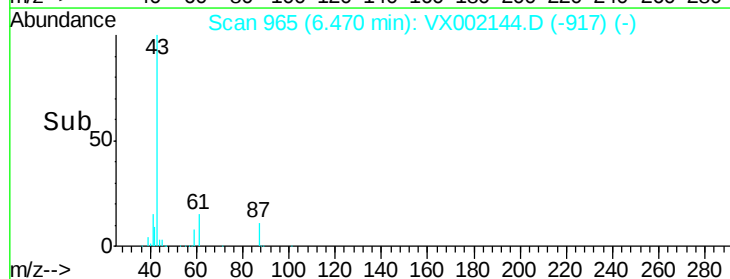
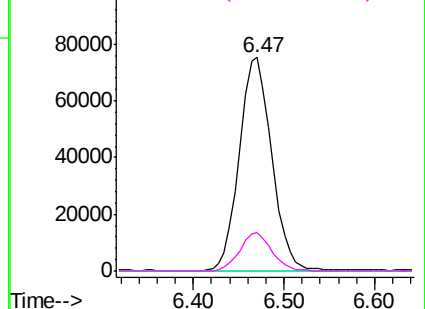


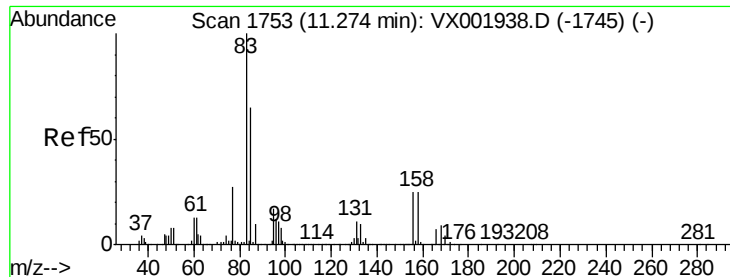
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

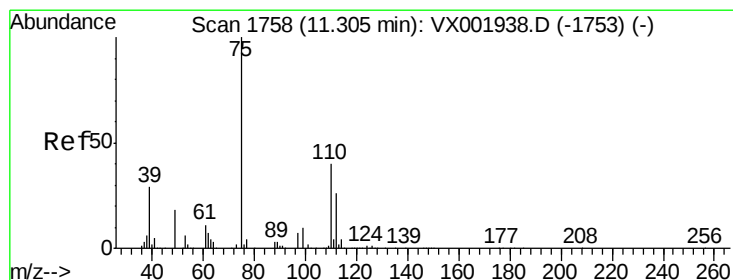
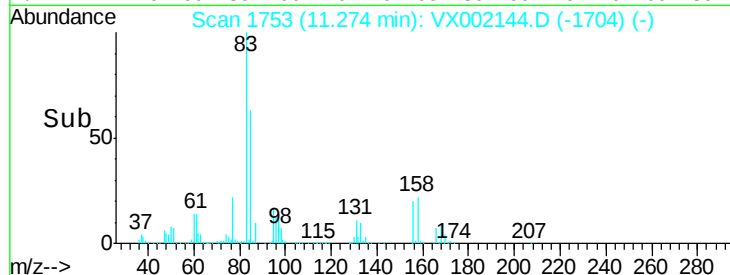
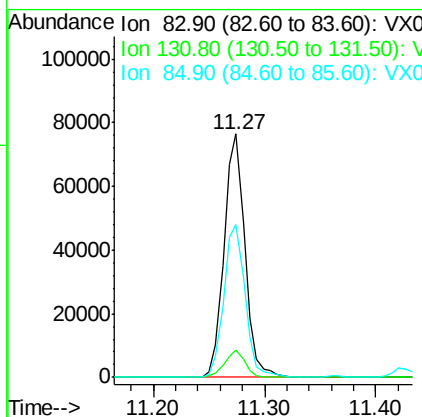
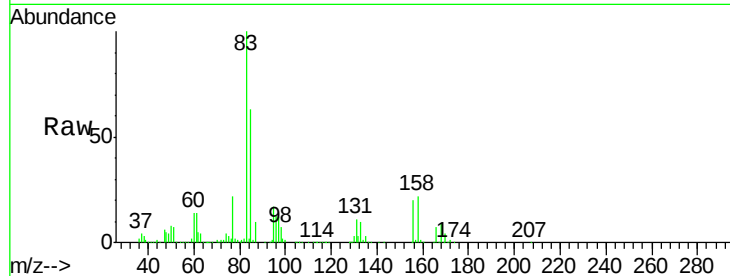




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.01 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

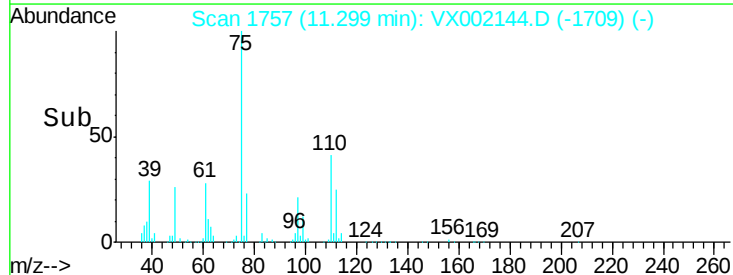
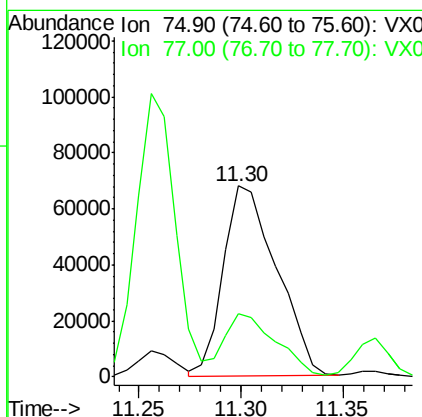
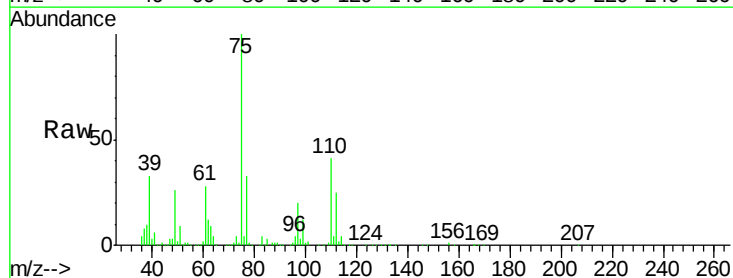
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Tgt Ion: 83 Resp: 99199
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.7 17.0
 85 64.4 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 23.63 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion: 75 Resp: 122814
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.8 68.3





#77

Bromobenzene

Concen: 18.85 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS02

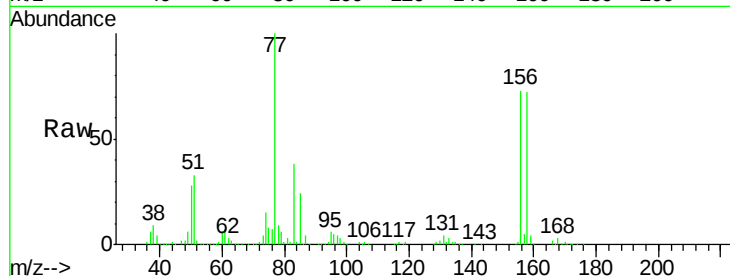
Tgt Ion:156 Resp: 91621

Ion Ratio Lower Upper

156 100

77 145.4 75.2 225.6

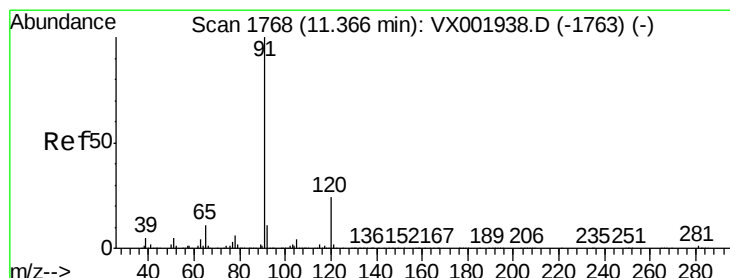
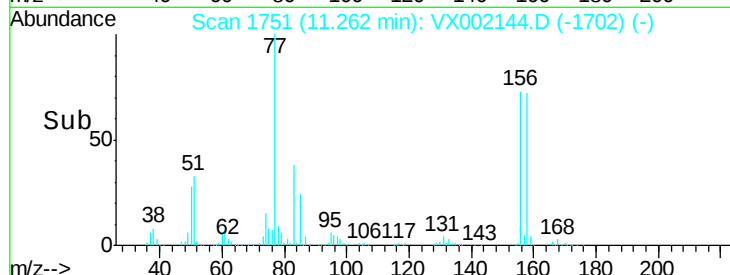
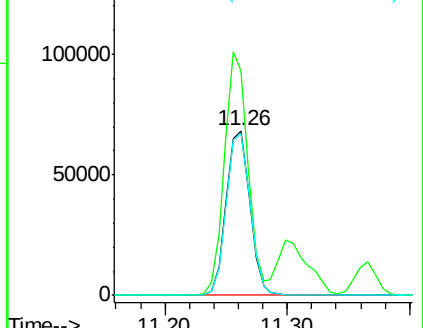
158 99.1 48.6 145.8



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: 19.43 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002144.D

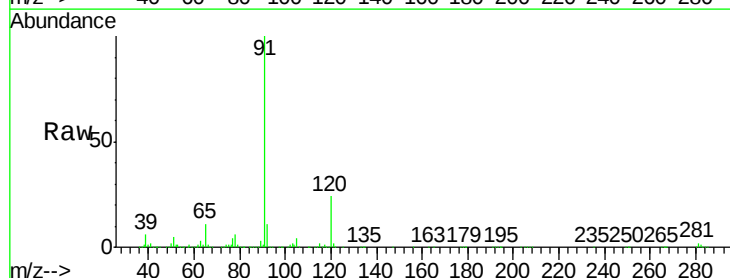
Acq: 30 May 2018 17:59

Tgt Ion: 91 Resp: 398689

Ion Ratio Lower Upper

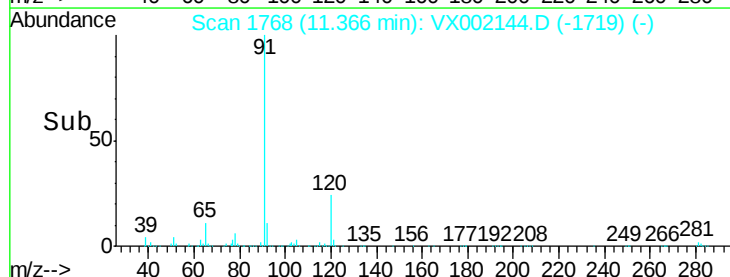
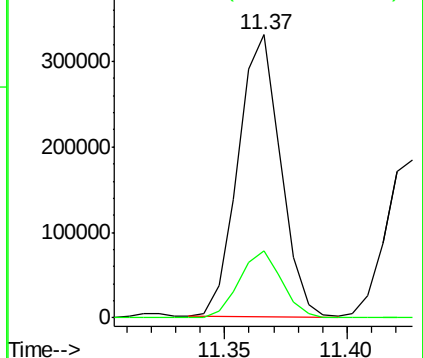
91 100

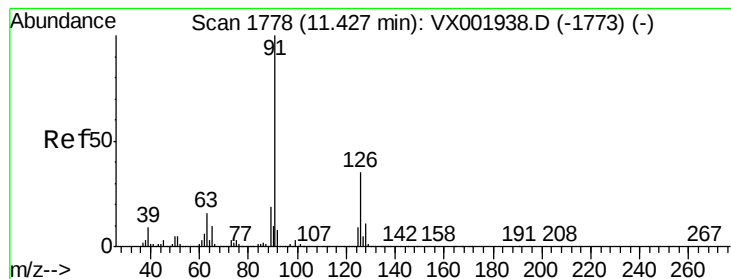
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.60 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

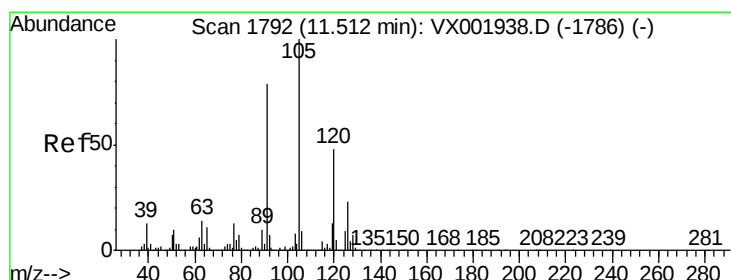
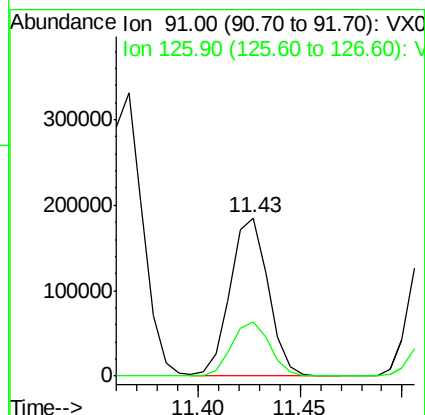
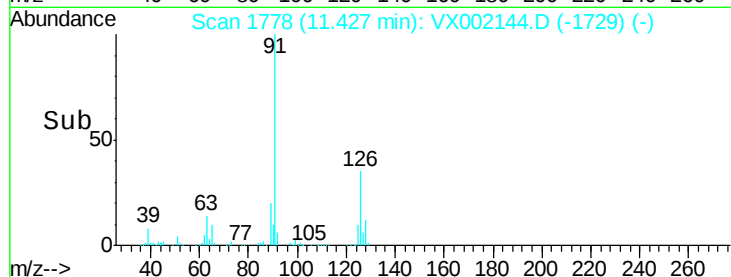
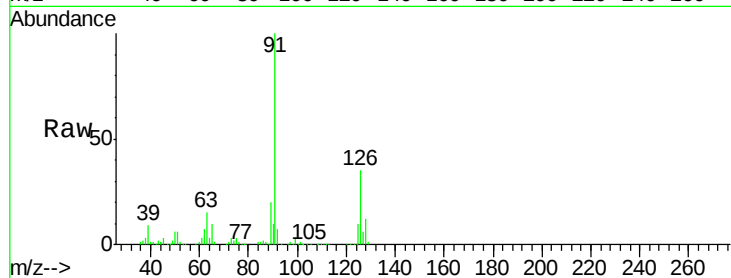
VX0530WBS02

Tgt Ion: 91 Resp: 236463

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002144.D

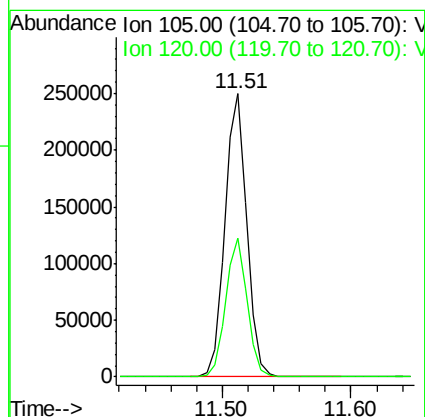
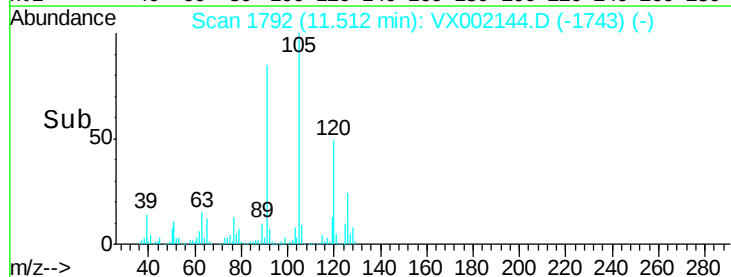
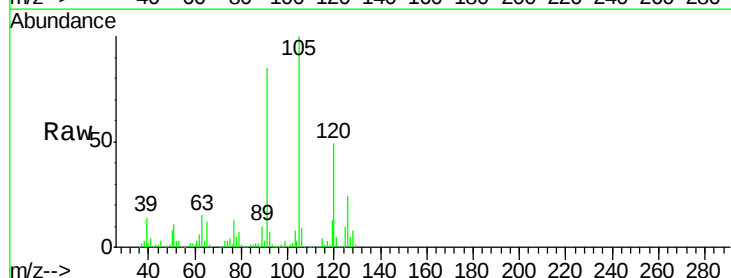
Acq: 30 May 2018 17:59

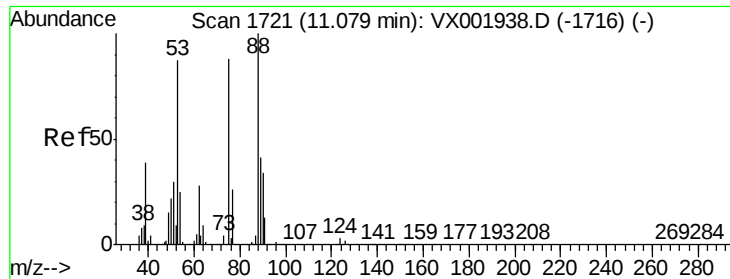
Tgt Ion: 105 Resp: 297692

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.25 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

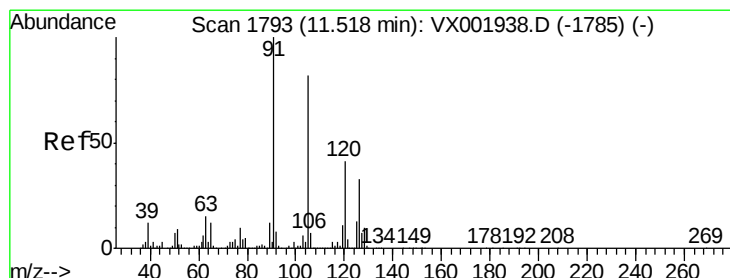
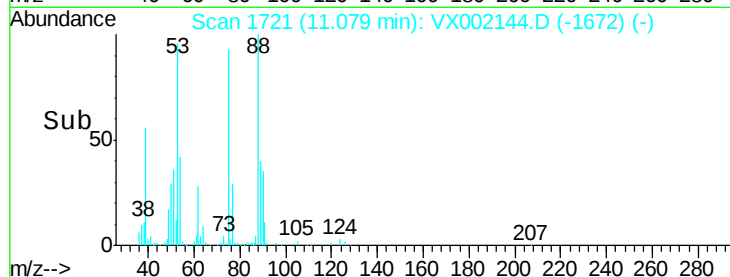
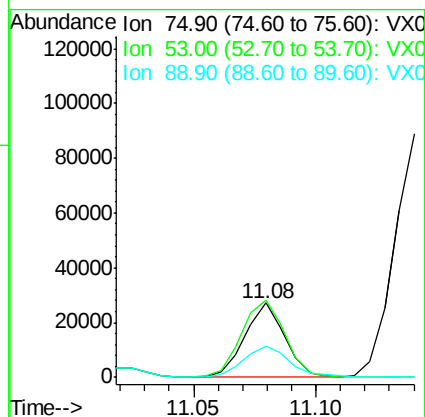
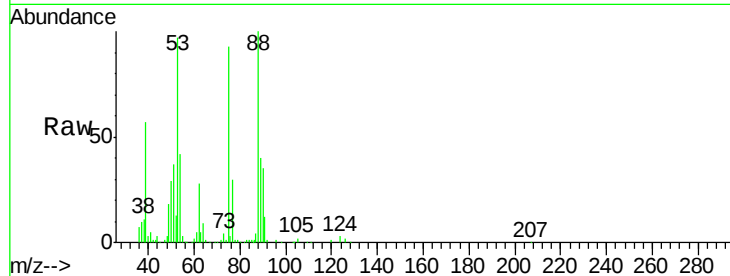
Tgt Ion: 75 Resp: 30816

Ion Ratio Lower Upper

75 100

53 113.6 78.0 117.0

89 49.8 39.4 59.2



#82

4-Chlorotoluene

Concen: 19.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002144.D

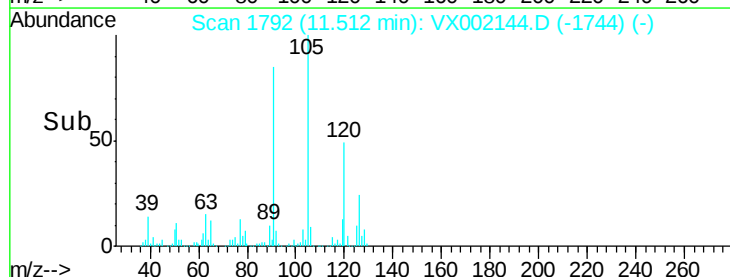
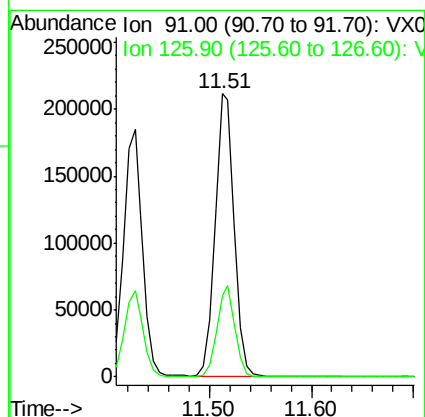
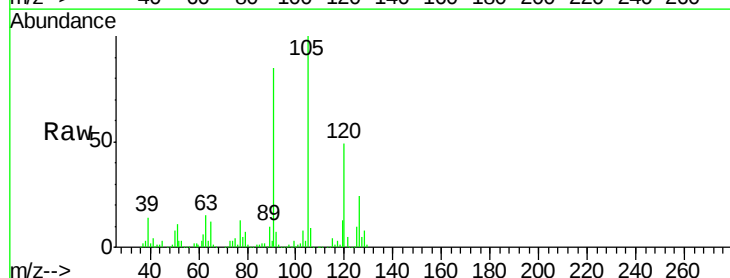
Acq: 30 May 2018 17:59

Tgt Ion: 91 Resp: 279044

Ion Ratio Lower Upper

91 100

126 30.2 15.3 45.8

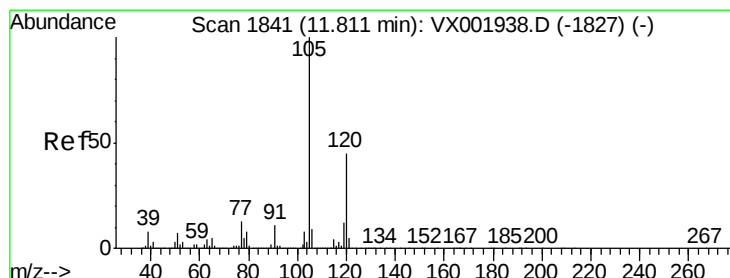
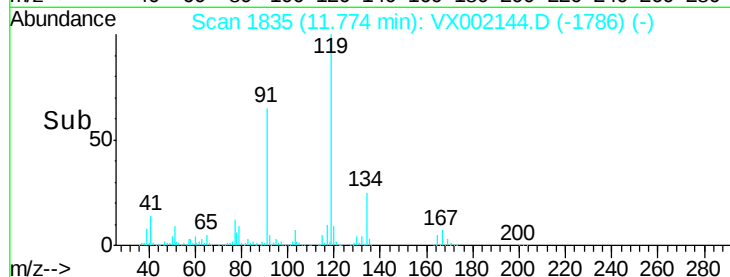
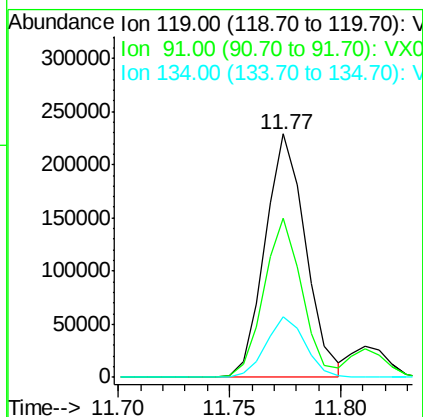
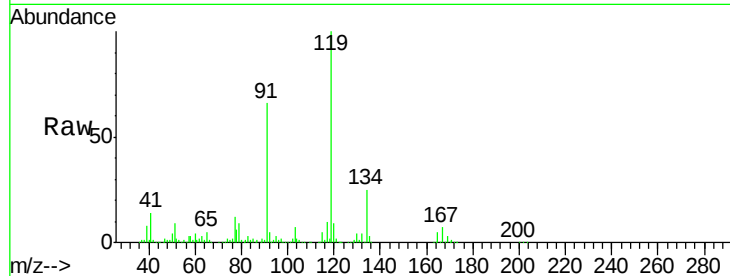




#83
 tert-Butylbenzene
 Concen: 18.85 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

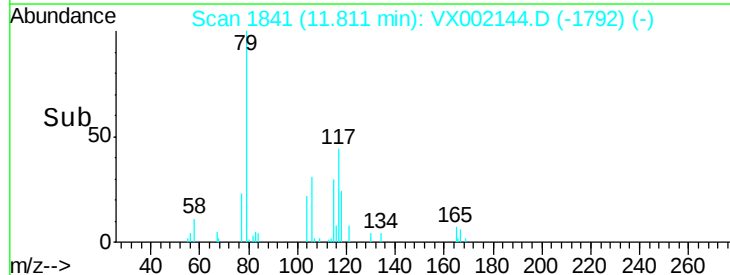
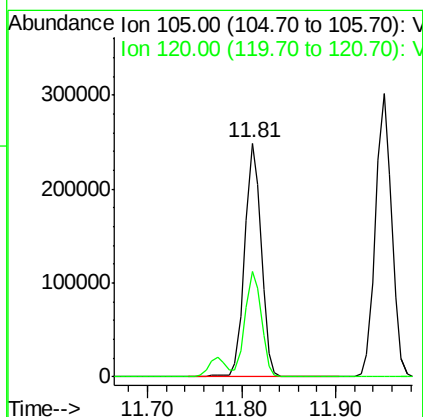
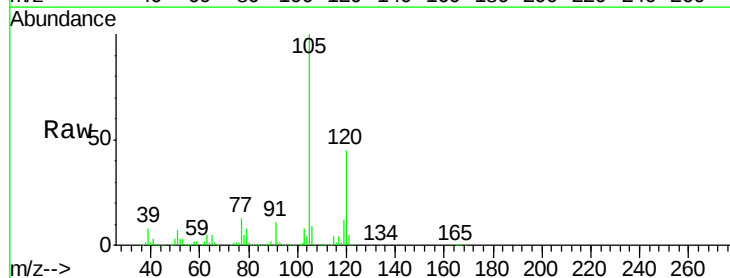
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

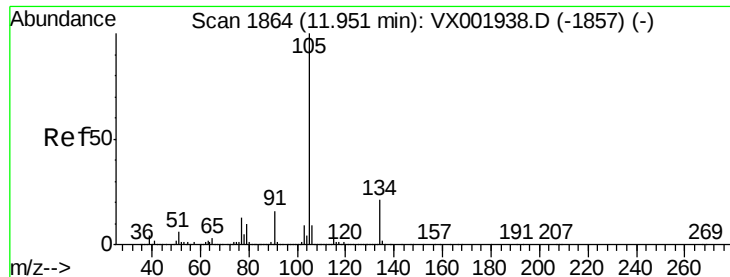
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.9	30.6	91.8
134	23.9	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5





#85

sec-Butylbenzene

Concen: 19.52 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

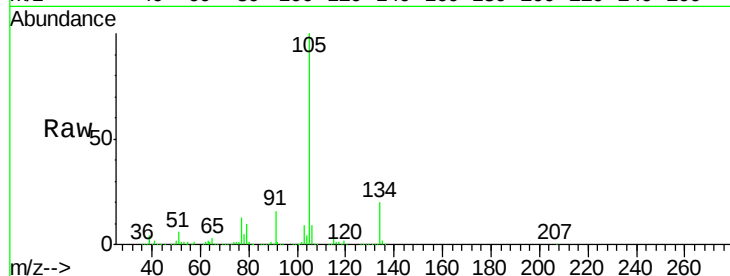
VX0530WBS02

Tgt Ion:105 Resp: 360493

Ion Ratio Lower Upper

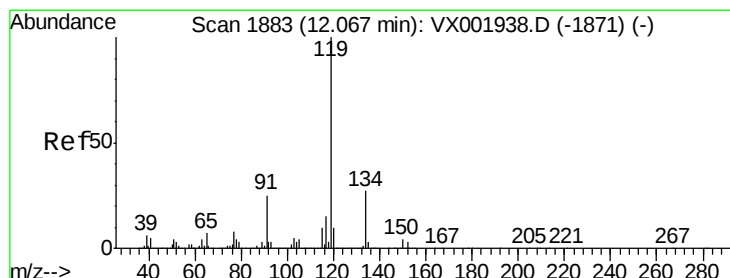
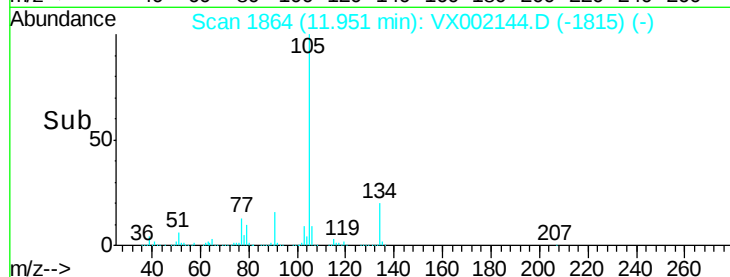
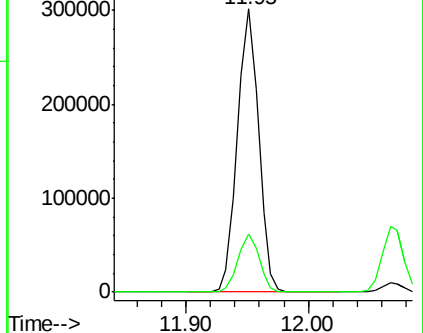
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

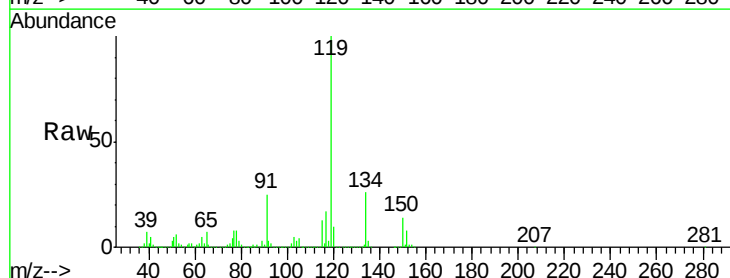
Tgt Ion:119 Resp: 322622

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

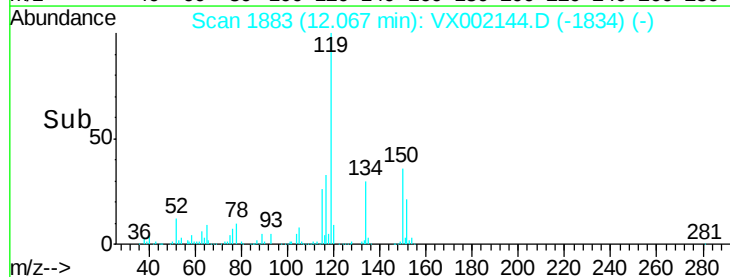
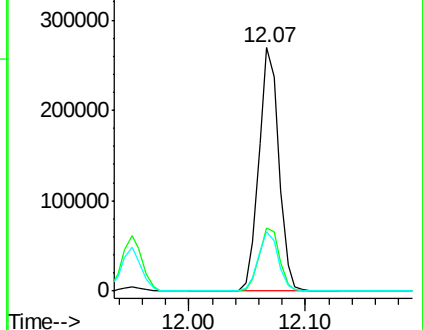
91 24.6 12.2 36.4

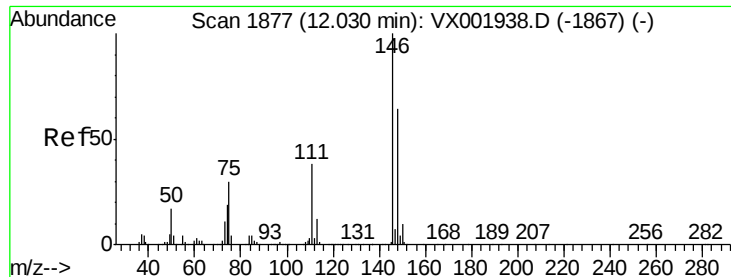


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

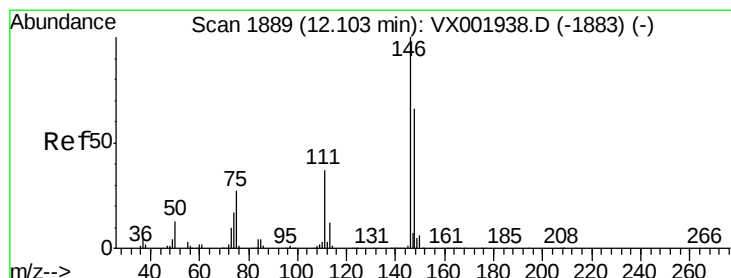
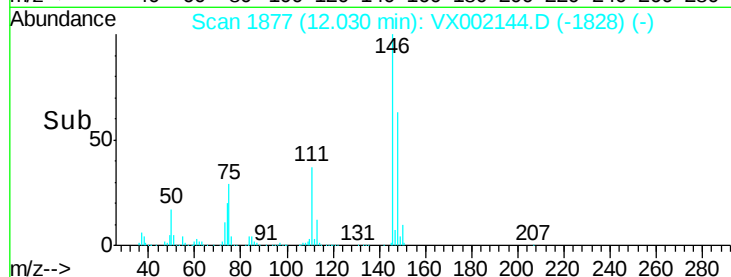
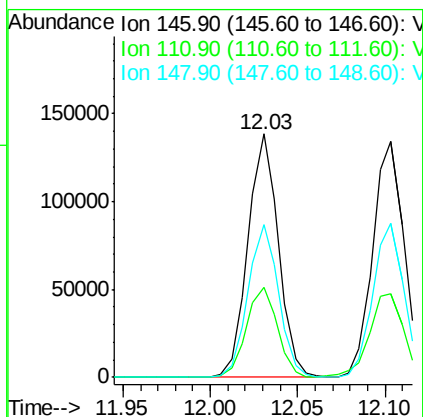
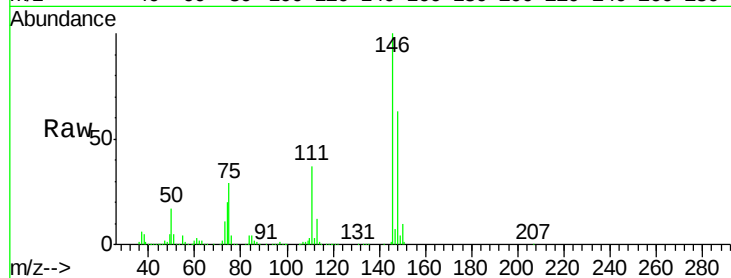




#87
 1,3-Dichlorobenzene
 Concen: 19.24 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

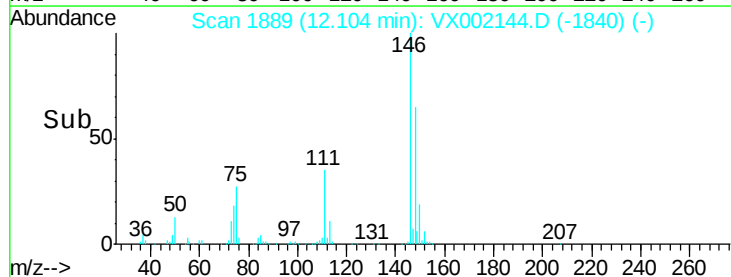
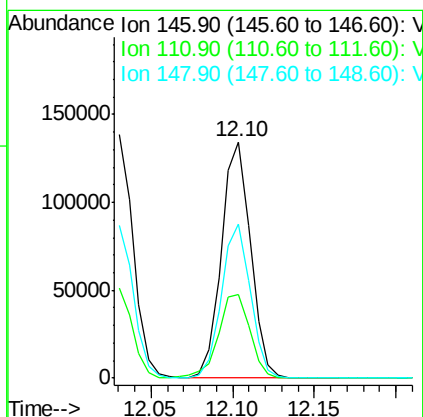
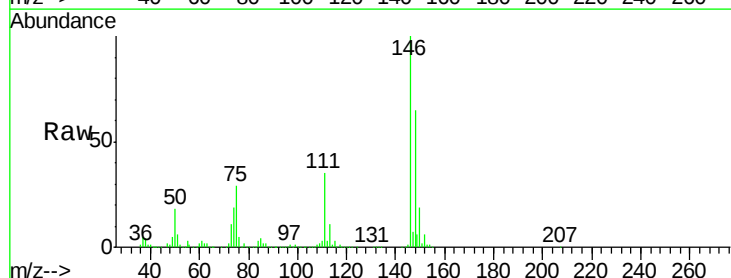
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	63.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.27 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	64.9	32.3	96.8





#89

n-Butylbenzene

Concen: 19.74 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

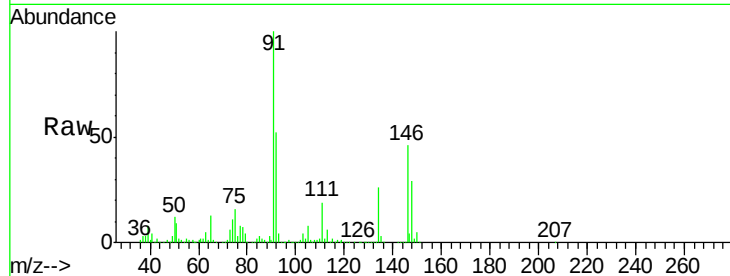
Tgt Ion: 91 Resp: 276527

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

134 27.2 13.6 40.7

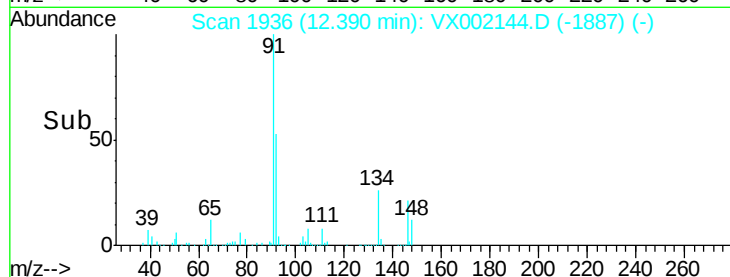


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)

Time-->



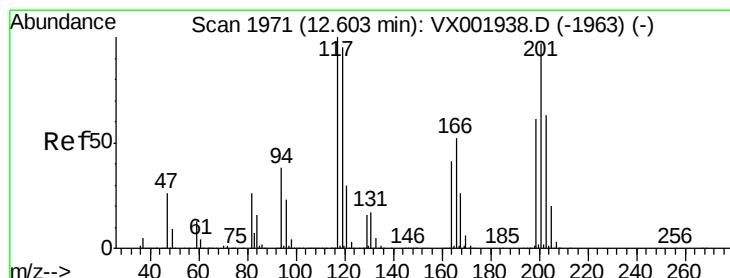
Abundance

Ion 91.00 (90.70 to 91.70): VX002144.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002144.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002144.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 14.80 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002144.D

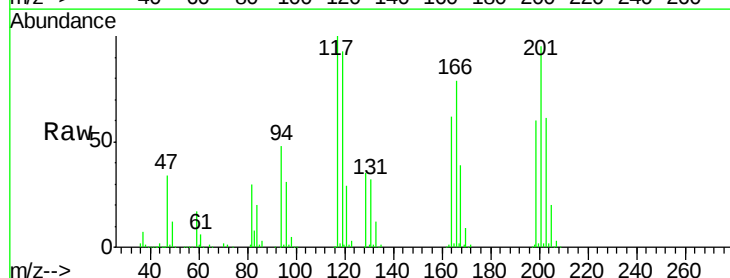
Acq: 30 May 2018 17:59

Tgt Ion: 117 Resp: 48236

Ion Ratio Lower Upper

117 100

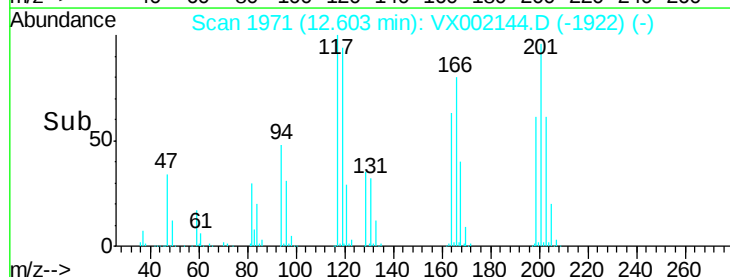
201 94.9 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

Time-->



Abundance

Ion 116.80 (116.50 to 117.50): VX002144.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX002144.D (-1922) (-)

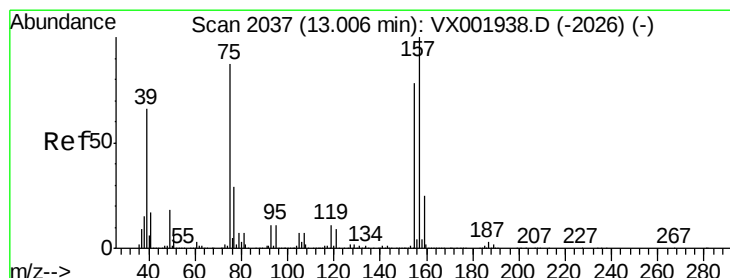
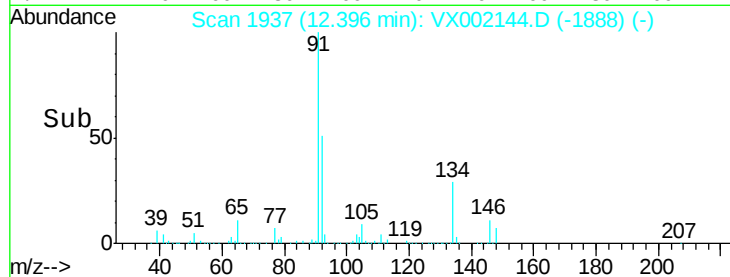
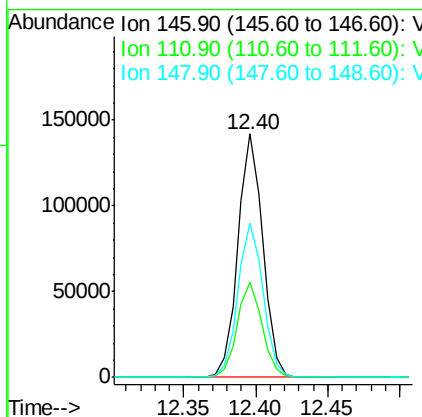
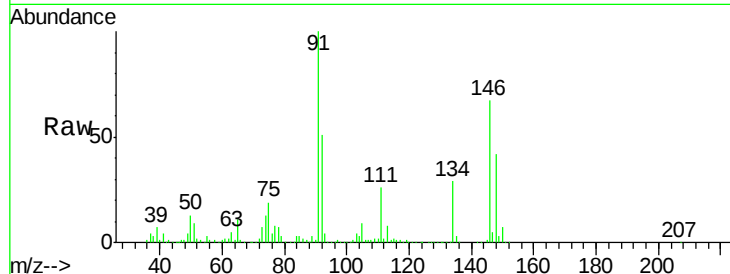
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 19.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

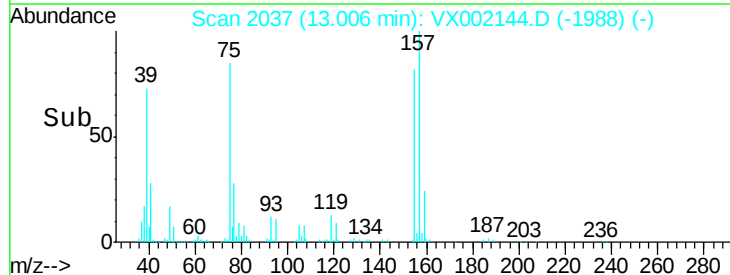
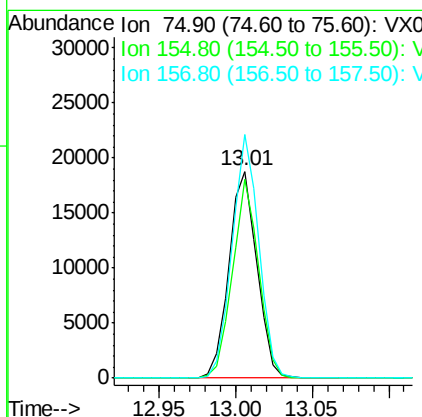
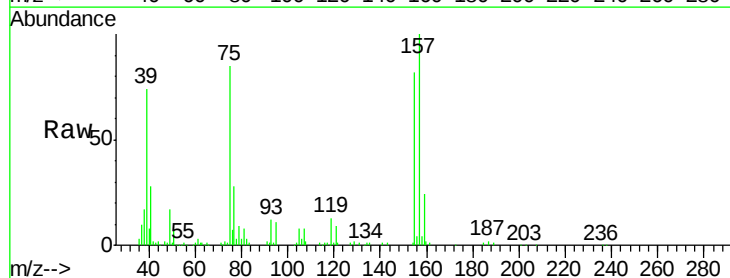
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Tgt Ion: 146 Resp: 170793
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.3
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion: 75 Resp: 23759
 Ion Ratio Lower Upper
 75 100
 155 90.2 45.1 135.2
 157 112.0 58.1 174.2

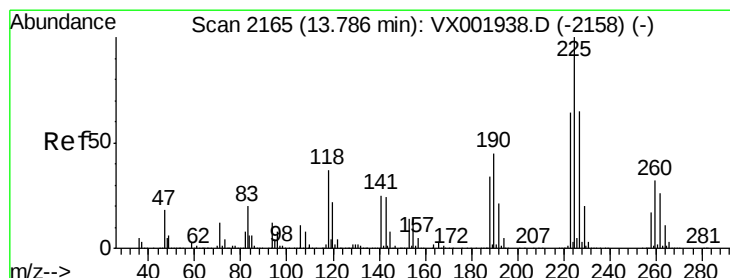
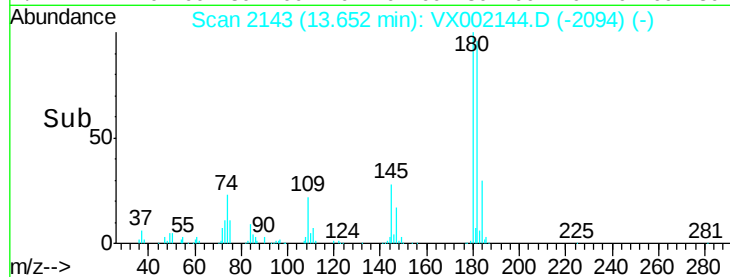
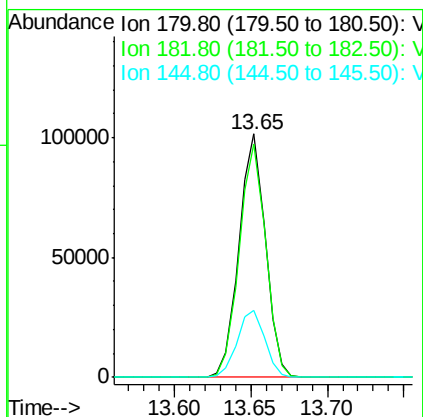
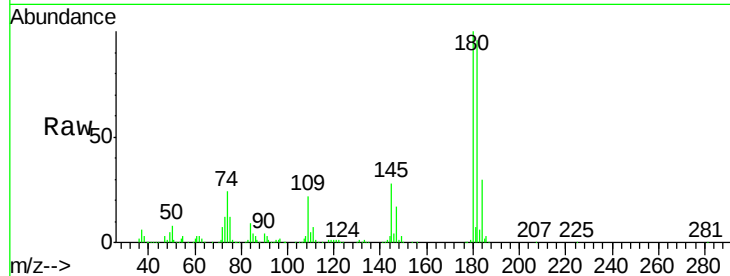




#93
 1,2,4-Trichlorobenzene
 Concen: 19.14 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

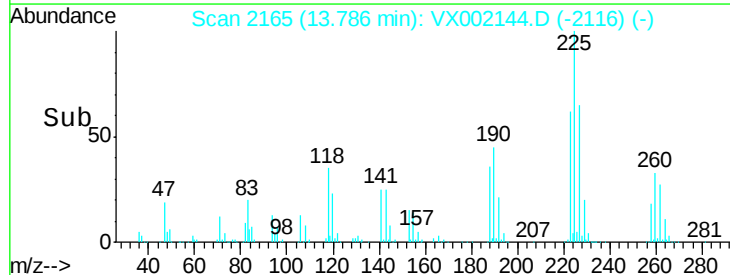
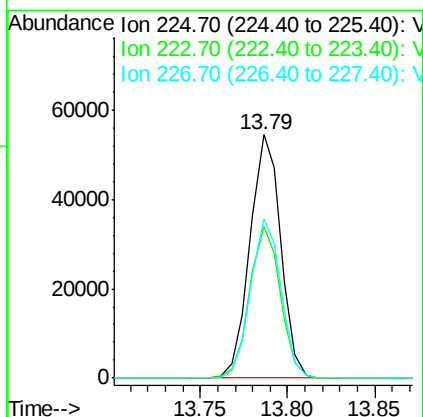
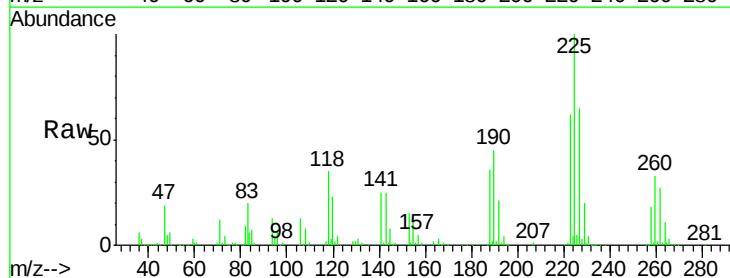
Instrument :
 MSVOA_X
 ClientSampled :
 VX0530WBS02

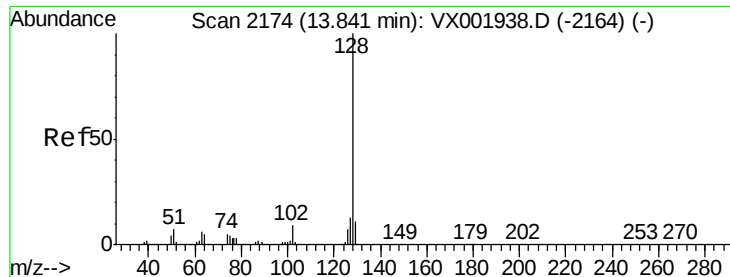
Tgt Ion:180 Resp: 121422
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.7 143.1
 145 28.9 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 19.63 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002144.D
 Acq: 30 May 2018 17:59

Tgt Ion:225 Resp: 66986
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.5
 227 64.8 32.1 96.5





#95

Naphthalene

Concen: 18.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS02

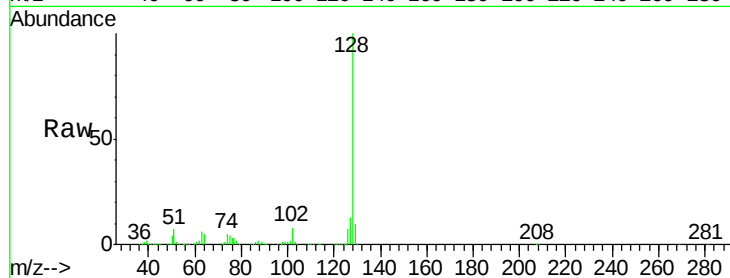
Tgt Ion:128 Resp: 362422

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

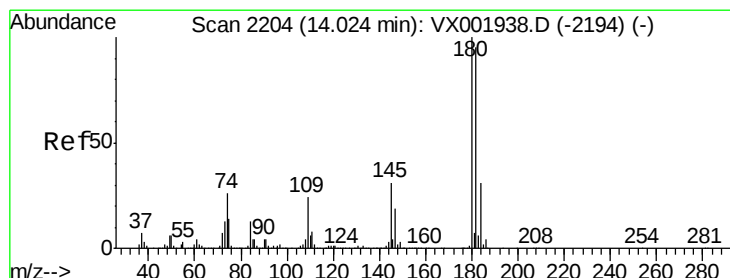
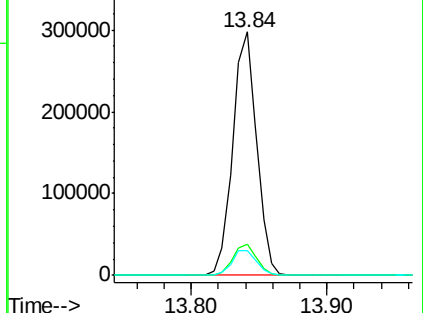
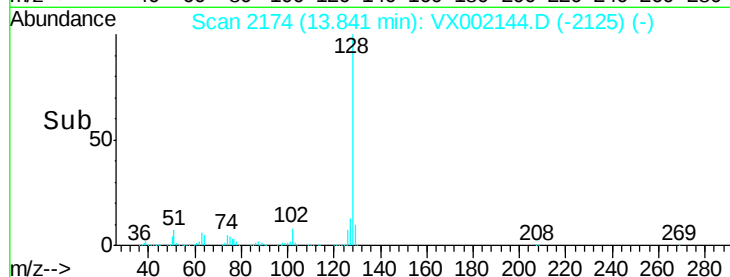
129 10.8 8.8 13.2



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: 19.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002144.D

Acq: 30 May 2018 17:59

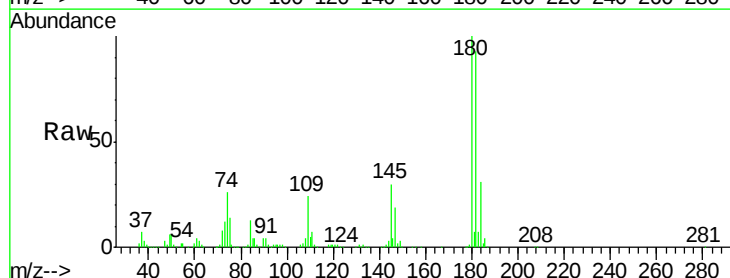
Tgt Ion:180 Resp: 124756

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.6

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

