

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002063.D
 Acq On : 27 May 2018 12:53
 Operator : JC/MD
 Sample : VX0527WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 03:24:18 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	248515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	201250	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	5.51	113	156640	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	8.72	98	592745	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.14	95	226247	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59640	17.87	ug/l	96
3) Chloromethane	1.32	50	92595	24.22	ug/l	100
4) Vinyl Chloride	1.40	62	73466	19.90	ug/l	99
5) Bromomethane	1.64	94	39775	22.88	ug/l	96
6) Chloroethane	1.73	64	47264	21.72	ug/l	99
7) Trichlorofluoromethane	1.93	101	119916	21.63	ug/l	98
8) Diethyl Ether	2.19	74	44729	22.23	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68627	22.18	ug/l	98
10) Methyl Iodide	2.51	142	63331	15.13	ug/l	98
11) Tert butyl alcohol	3.07	59	90424	103.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60595	20.92	ug/l	97
13) Acrolein	2.29	56	23507	62.35	ug/l	98
14) Allyl chloride	2.73	41	130287	21.43	ug/l	98
15) Acrylonitrile	3.15	53	190153	106.05	ug/l	99
16) Acetone	2.45	43	191788	111.87	ug/l	99
17) Carbon Disulfide	2.57	76	157366	18.88	ug/l	99
18) Methyl Acetate	2.78	43	98839	23.33	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	238258	21.87	ug/l	98
20) Methylene Chloride	2.86	84	86439	28.40	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	64727	22.07	ug/l	97
22) Diisopropyl ether	3.87	45	238644	19.30	ug/l	99
23) Vinyl Acetate	3.82	43	1059518	103.32	ug/l	98
24) 1,1-Dichloroethane	3.70	63	131525	22.39	ug/l	98
25) 2-Butanone	4.70	43	277078	88.18	ug/l	100
26) 2,2-Dichloropropane	4.59	77	108550	18.25	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71263	18.87	ug/l	88
28) Bromochloromethane	5.02	49	53064	20.28	ug/l	99
29) Tetrahydrofuran	5.17	42	174983	85.59	ug/l	99
30) Chloroform	5.21	83	123307	18.63	ug/l	97
31) Cyclohexane	5.57	56	110239	18.01	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	111927	18.14	ug/l	99
36) 1,1-Dichloropropene	5.81	75	87485	18.44	ug/l	97
37) Ethyl Acetate	4.86	43	108079	17.47	ug/l	100
38) Carbon Tetrachloride	5.79	117	97879	17.69	ug/l	98

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 ClientSampleId :

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112384	19.28	ug/l	100
40) Benzene	6.15	78	271119	19.50	ug/l	97
41) Methacrylonitrile	5.06	41	61978	18.12	ug/l	97
42) 1,2-Dichloroethane	6.20	62	105698	19.03	ug/l	99
43) Isopropyl Acetate	6.46	43	187979	18.24	ug/l	99
44) Trichloroethene	7.21	130	78221	19.31	ug/l	99
45) 1,2-Dichloropropane	7.52	63	74486	19.73	ug/l	94
46) Dibromomethane	7.67	93	48351	19.34	ug/l	99
47) Bromodichloromethane	7.90	83	95971	18.01	ug/l	98
48) Methyl methacrylate	7.78	41	95996	18.30	ug/l	99
49) 1,4-Dioxane	7.76	88	34093	368.76	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	573076	92.22	ug/l	100
52) Toluene	8.79	92	174264	19.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	115348	18.79	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	109761	18.35	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	71605	19.37	ug/l	99
56) Ethyl methacrylate	9.18	69	117119	18.42	ug/l	100
57) 1,3-Dichloropropane	9.37	76	120480	19.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	287869	102.16	ug/l	99
59) 2-Hexanone	9.50	43	443098	92.48	ug/l	99
60) Dibromochloromethane	9.59	129	77949	17.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74807	19.29	ug/l	100
64) Tetrachloroethene	9.34	164	90350	19.81	ug/l	99
65) Chlorobenzene	10.14	112	195971	19.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	75042	18.44	ug/l	100
67) Ethyl Benzene	10.26	91	340047	19.42	ug/l	99
68) m/p-Xylenes	10.36	106	261585	39.08	ug/l	99
69) o-Xylene	10.70	106	129252	19.34	ug/l	99
70) Styrene	10.71	104	212418	19.16	ug/l	100
71) Bromoform	10.86	173	62261	16.13	ug/l #	99
73) Isopropylbenzene	11.02	105	350046	19.25	ug/l	99
74) N-amyl acetate	6.46	43	187979	17.91	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101455	19.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	109628m	21.26	ug/l	
77) Bromobenzene	11.26	156	93410	19.37	ug/l	96
78) n-propylbenzene	11.37	91	392314	19.27	ug/l	100
79) 2-Chlorotoluene	11.43	91	236603	19.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	299669	19.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	33852	15.78	ug/l	94
82) 4-Chlorotoluene	11.51	91	276100	19.23	ug/l	100
83) tert-Butylbenzene	11.77	119	290717	19.07	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	306767	19.11	ug/l	98
85) sec-Butylbenzene	11.95	105	353681	19.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	319225	19.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	168513	19.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168825	19.55	ug/l	99
89) n-Butylbenzene	12.39	91	270951	19.50	ug/l	100
90) Hexachloroethane	12.60	117	54560	16.87	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170229	19.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	25015	15.48	ug/l	98

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MSVOA_X
ClientSampleId :

Quant Time: May 29 03:24:18 2018
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
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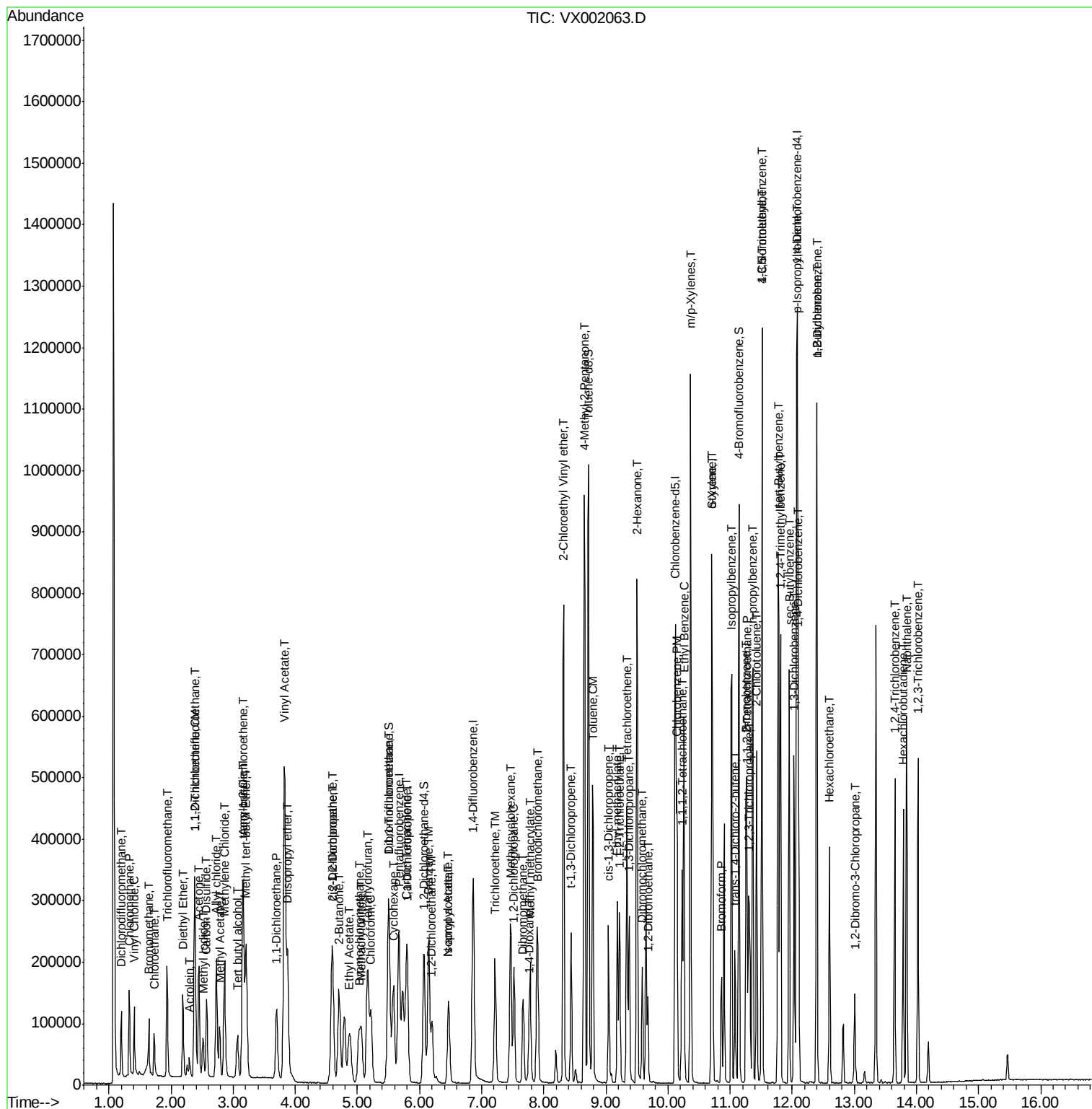
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124741	19.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	65301	19.29	ug/l	98
95) Naphthalene	13.84	128	366255	18.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127492	19.58	ug/l	100

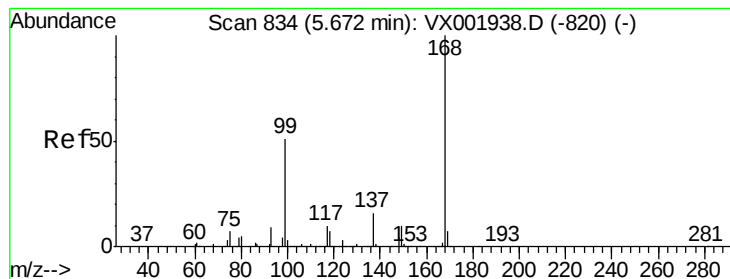
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: May 29 03:24:18 2018
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

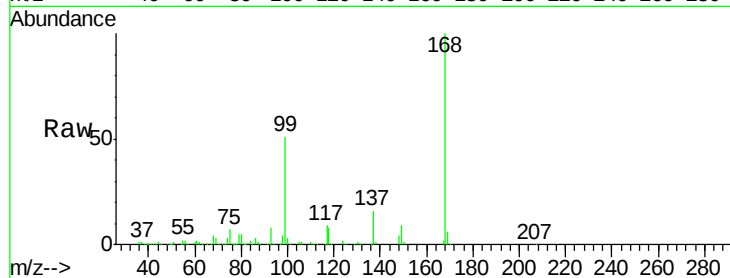
ClientSampleId :

Tot Ion:168 Resp: 248515

Ion Ratio Lower Upper

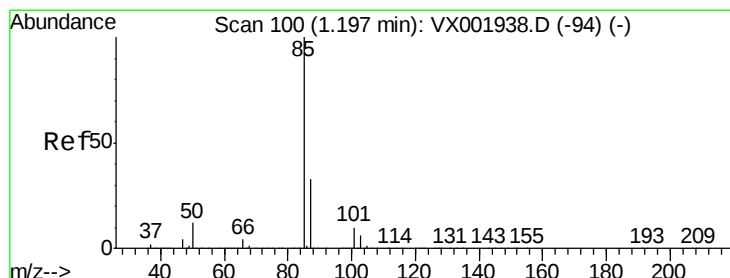
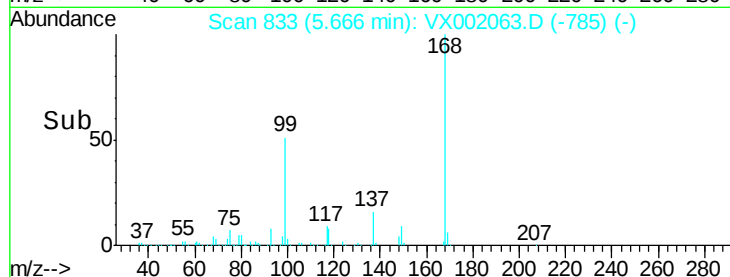
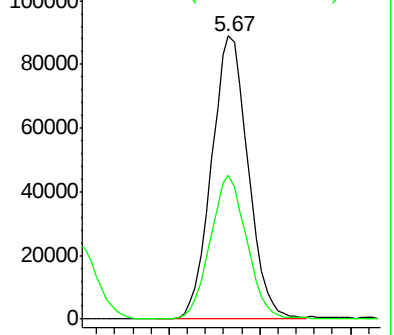
168 100

99 50.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.87 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002063.D

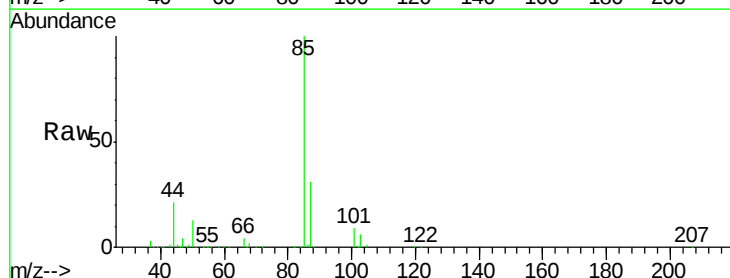
Acq: 27 May 2018 12:53

Tgt Ion: 85 Resp: 59640

Ion Ratio Lower Upper

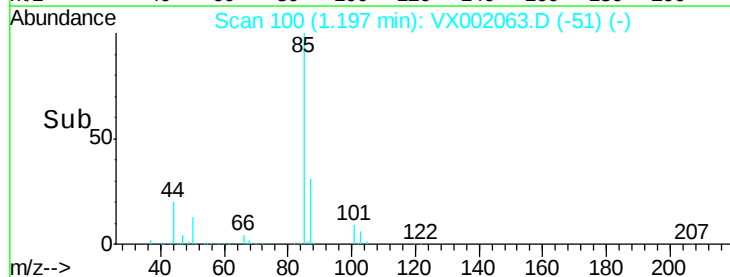
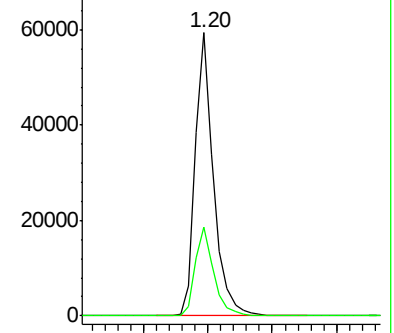
85 100

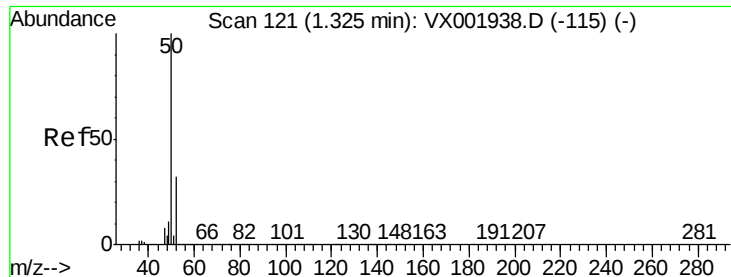
87 31.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 24.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

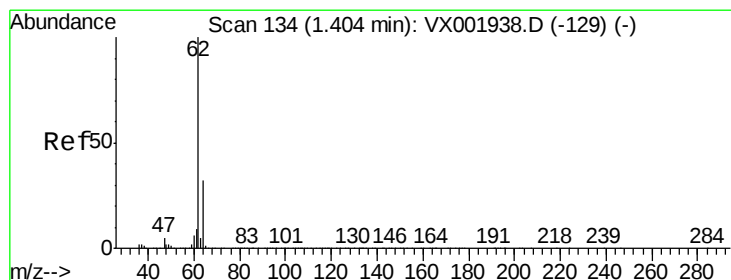
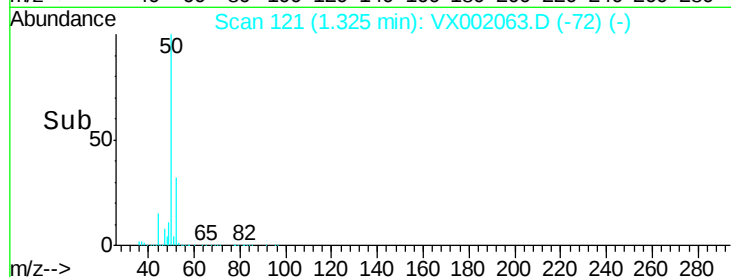
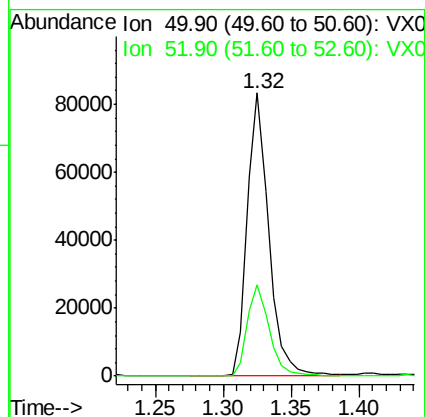
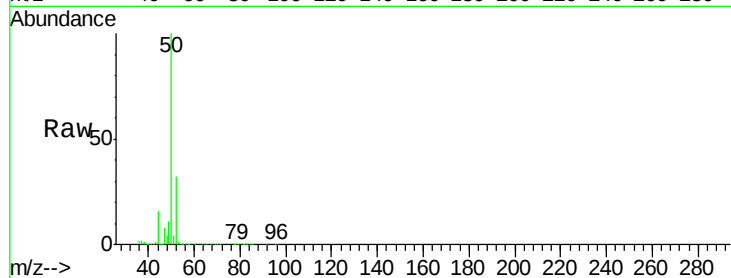
ClientSampleId :

Tot Ion: 50 Resp: 92595

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 19.90 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002063.D

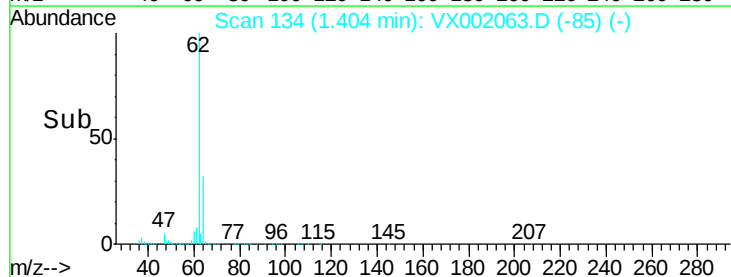
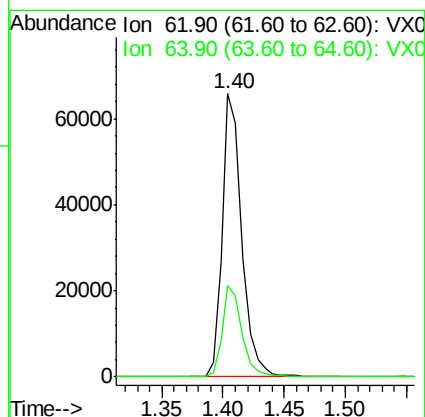
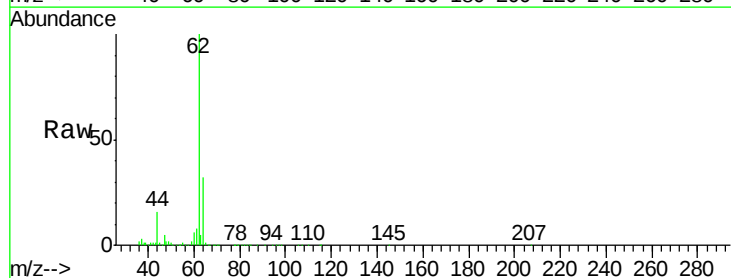
Acq: 27 May 2018 12:53

Tgt Ion: 62 Resp: 73466

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 22.88 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

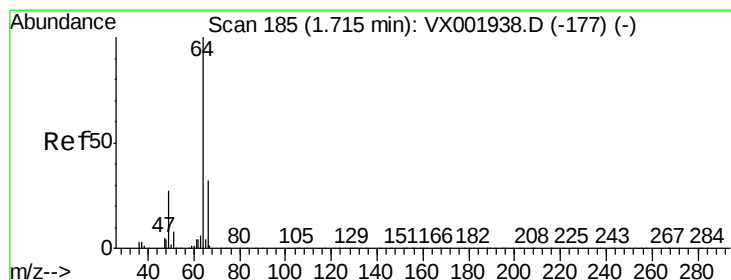
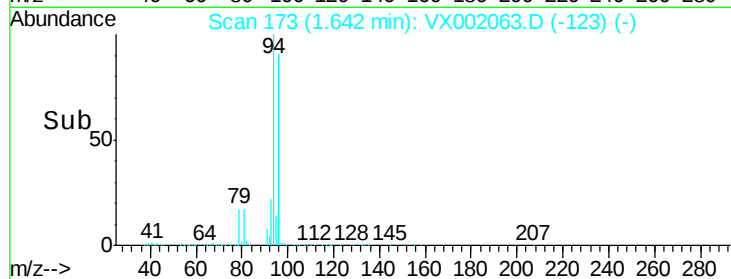
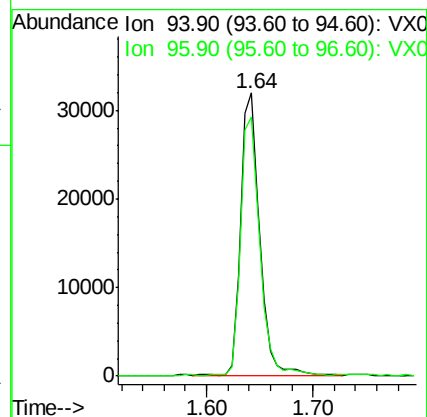
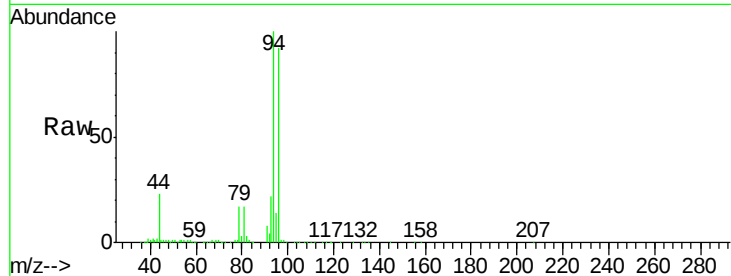
ClientSampleId :

Tot Ion: 94 Resp: 39775

Ion Ratio Lower Upper

94 100

96 91.4 75.9 113.9



#6

Chloroethane

Concen: 21.72 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002063.D

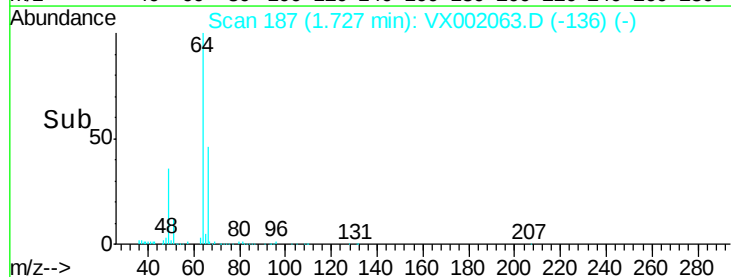
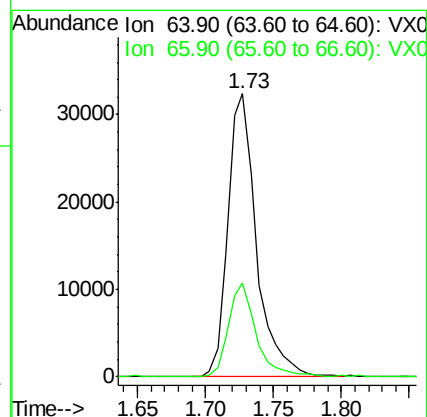
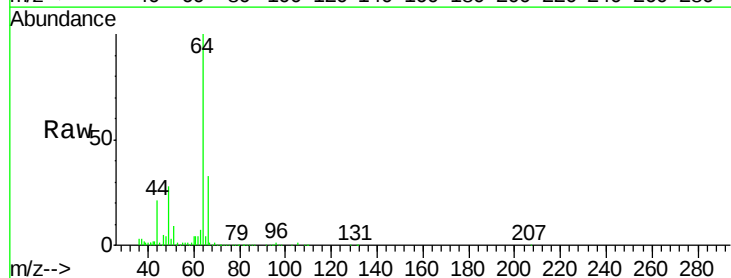
Acq: 27 May 2018 12:53

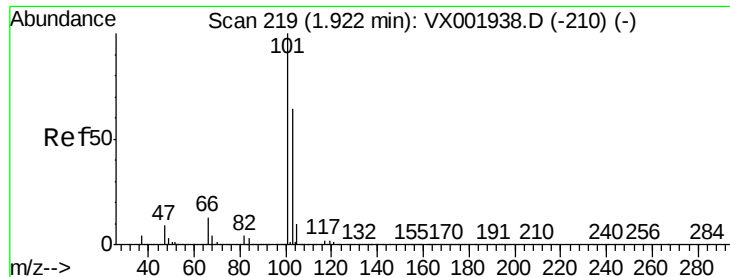
Tgt Ion: 64 Resp: 47264

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4



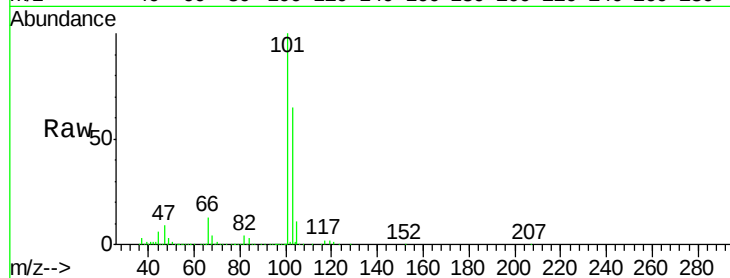


#7

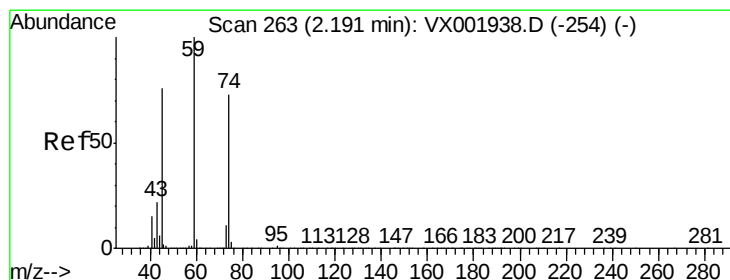
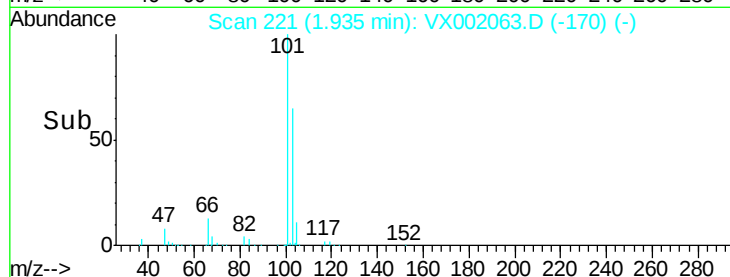
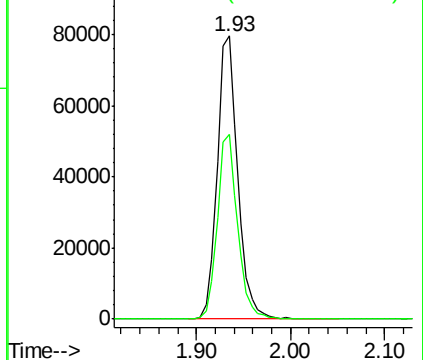
Trichlorofluoromethane
Concen: 21.63 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 119916
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0



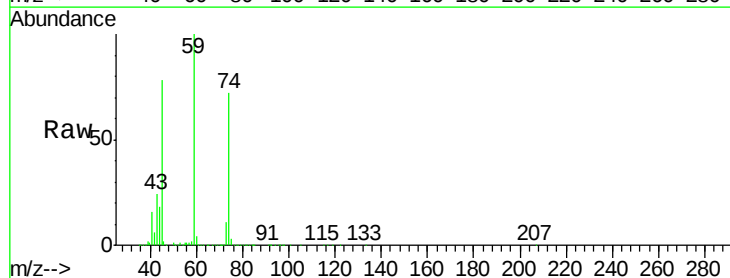
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



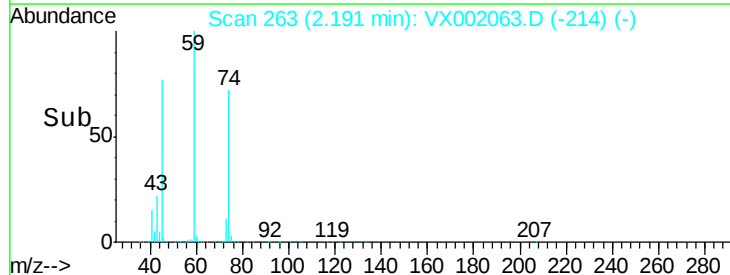
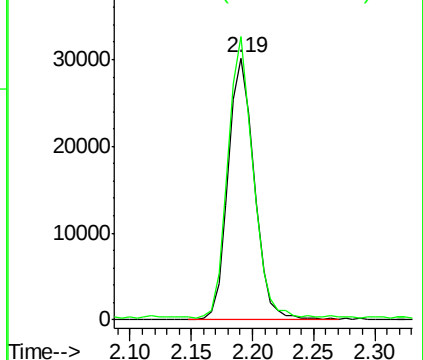
#8

Diethyl Ether
Concen: 22.23 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion: 74 Resp: 44729
Ion Ratio Lower Upper
74 100
45 103.3 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: 22.18 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

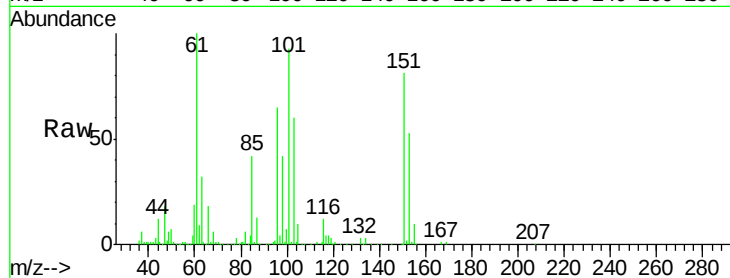
Tot Ion:101 Resp: 68627

Ion Ratio Lower Upper

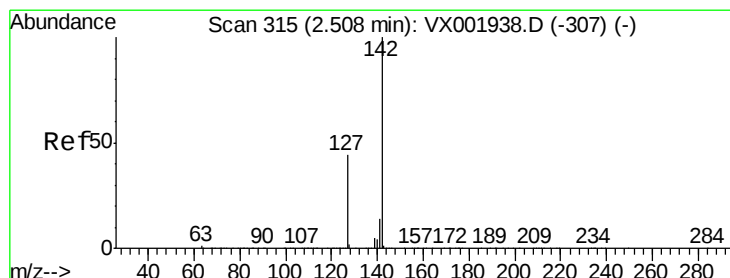
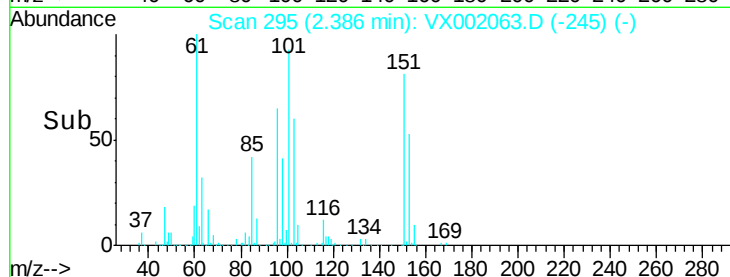
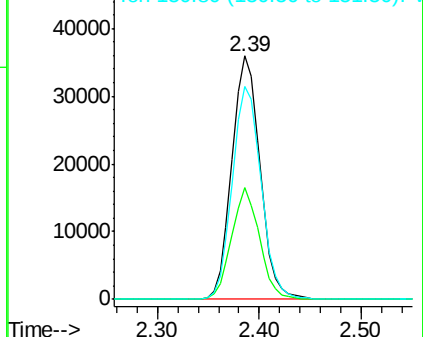
101 100

85 45.8 35.6 53.4

151 89.5 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: 15.13 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

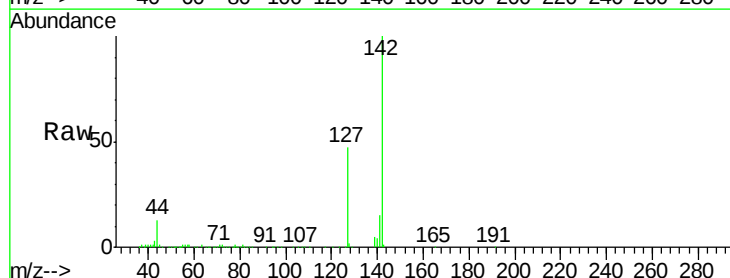
Tgt Ion:142 Resp: 63331

Ion Ratio Lower Upper

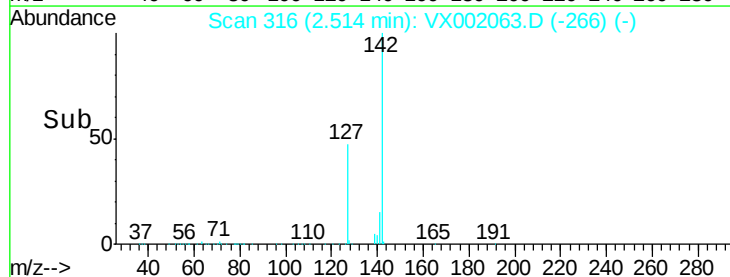
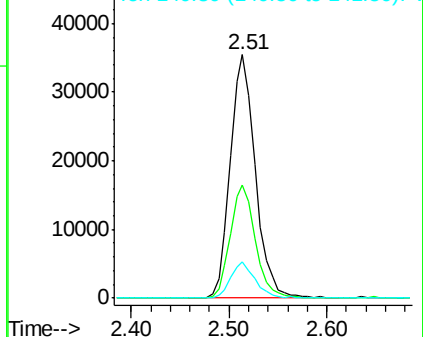
142 100

127 46.3 35.5 53.3

141 14.5 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



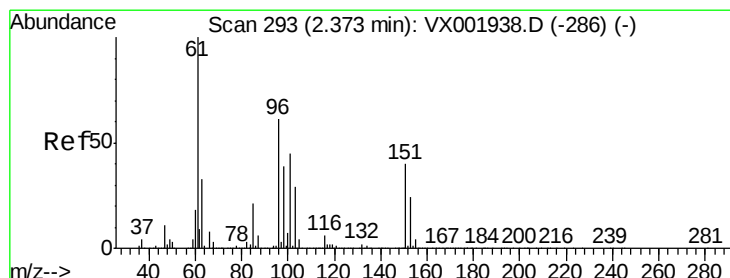
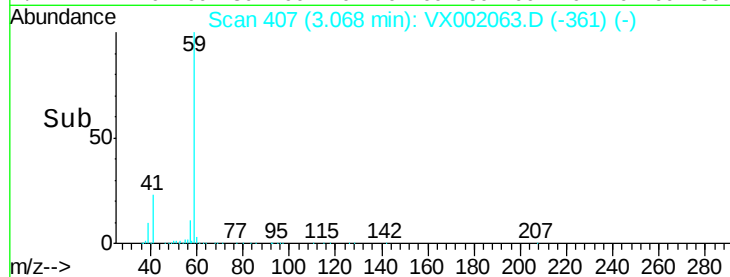
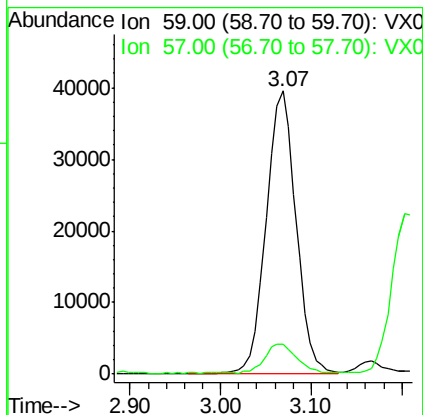
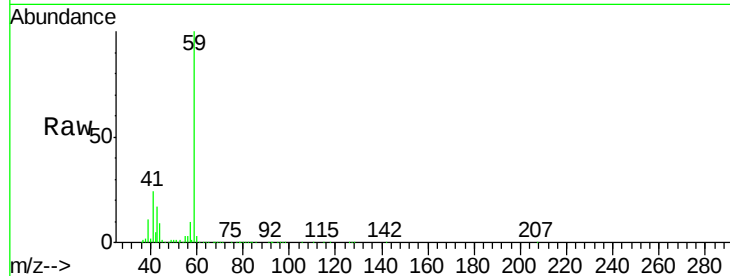


#11

Tert butyl alcohol
 Concen: 103.70 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

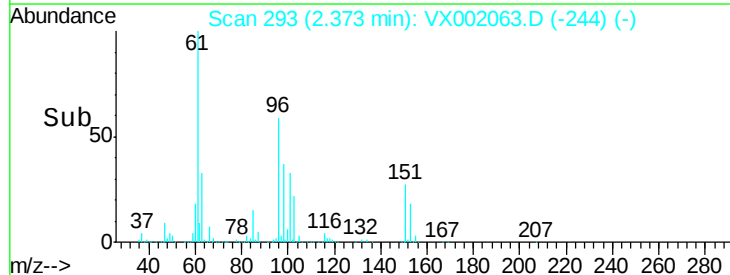
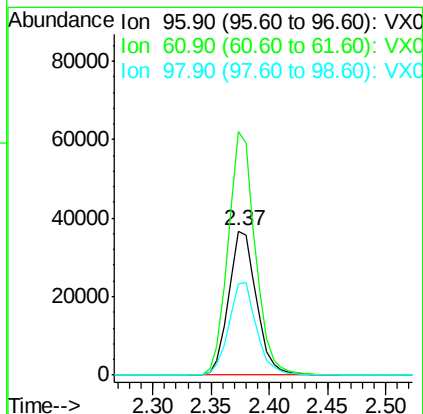
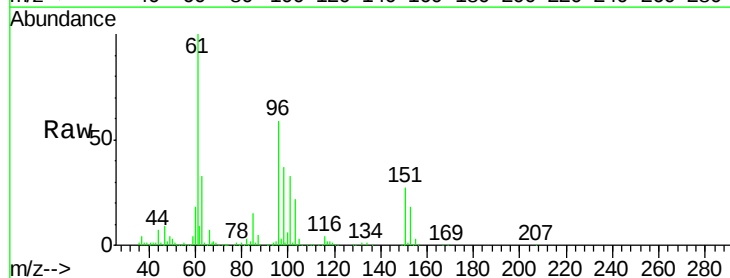
Tot Ion: 59 Resp: 90424
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.9 13.3



#12

1,1-Dichloroethene
 Concen: 20.92 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion: 96 Resp: 60595
 Ion Ratio Lower Upper
 96 100
 61 169.5 131.7 197.5
 98 63.2 51.6 77.4





#13

Acrolein

Concen: 62.35 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

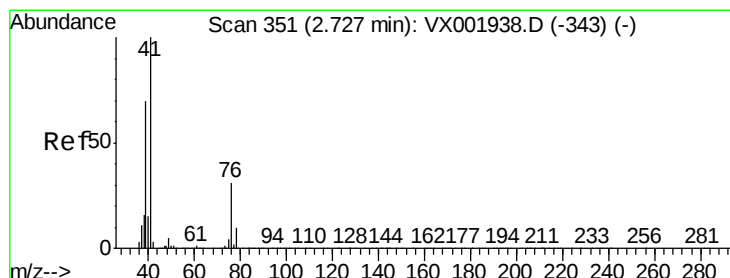
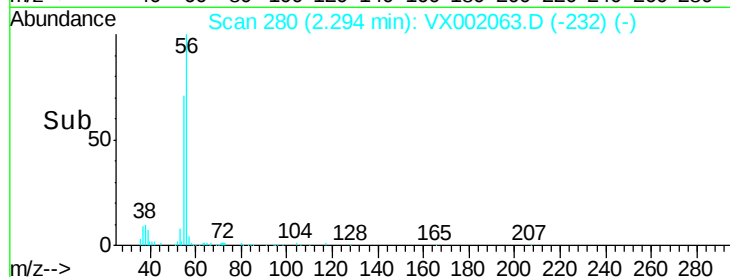
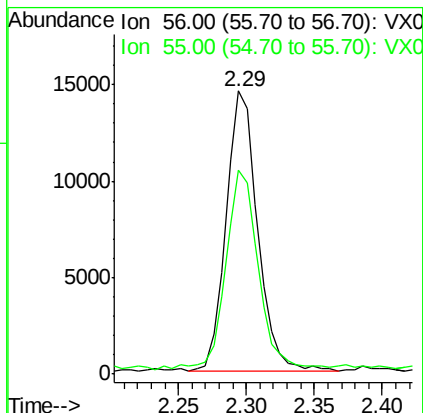
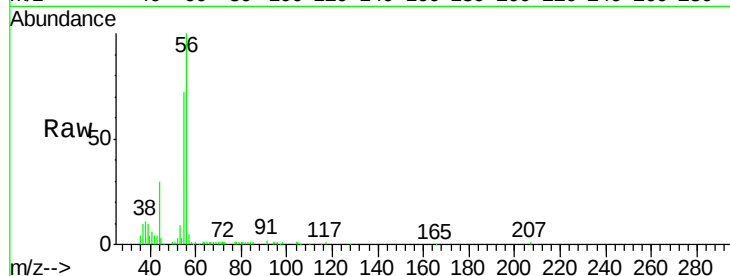
ClientSampleId :

Tot Ion: 56 Resp: 23507

Ion Ratio Lower Upper

56 100

55 72.3 56.8 85.2



#14

Allyl chloride

Concen: 21.43 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

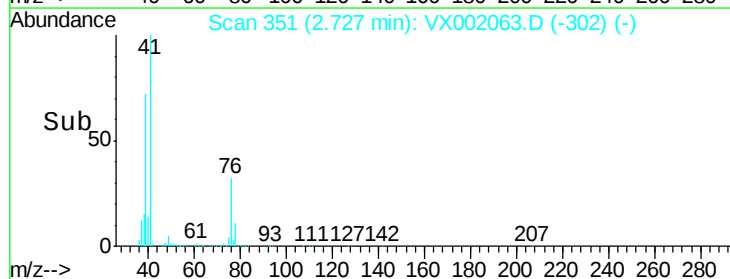
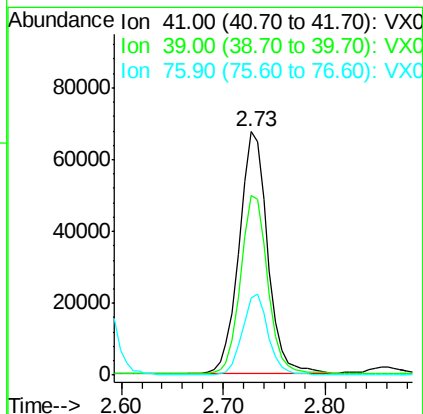
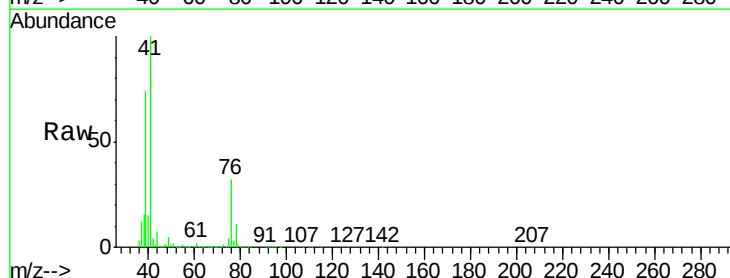
Tgt Ion: 41 Resp: 130287

Ion Ratio Lower Upper

41 100

39 70.2 54.3 81.5

76 30.6 24.2 36.4





#15

Acrylonitrile

Concen: 106.05 ug/l

RT: 3.15 min Scan# 420

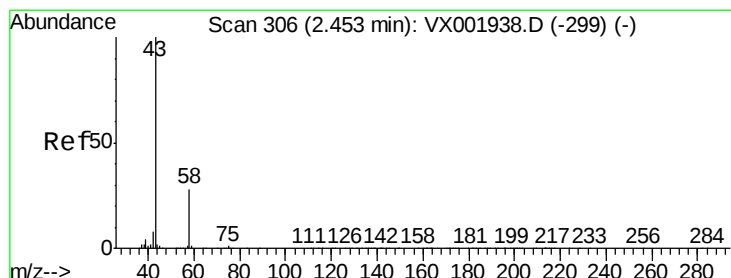
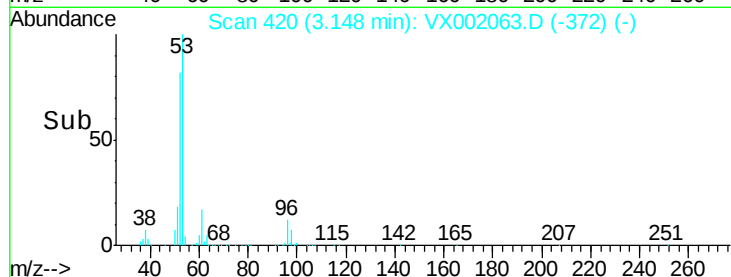
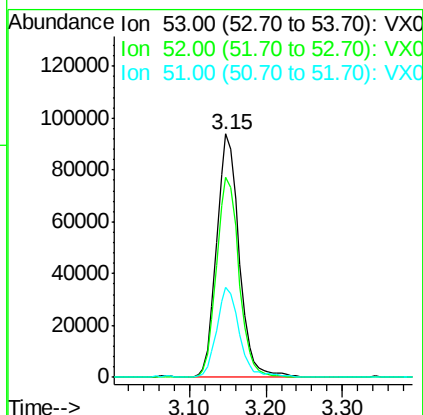
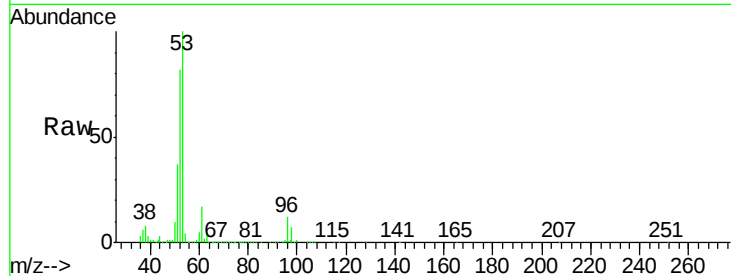
Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	190153
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.4	99.6
51	37.0	29.3	43.9



#16

Acetone

Concen: 111.87 ug/l

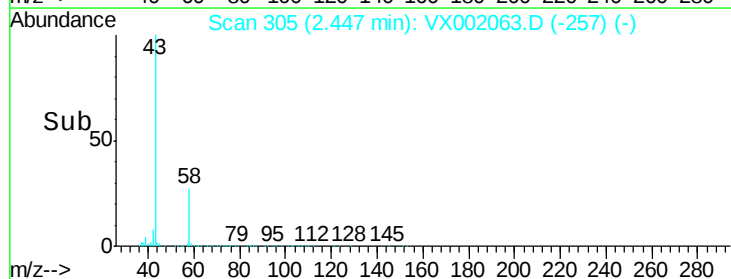
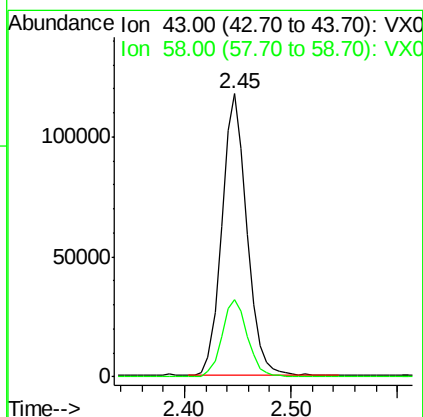
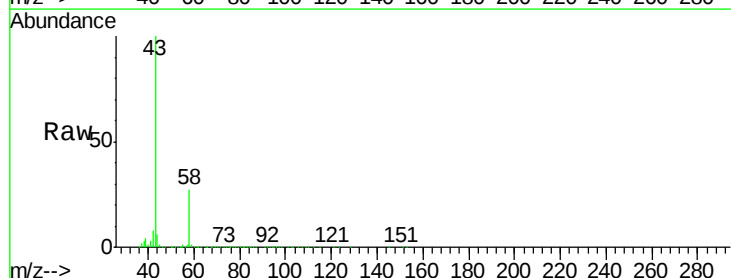
RT: 2.45 min Scan# 305

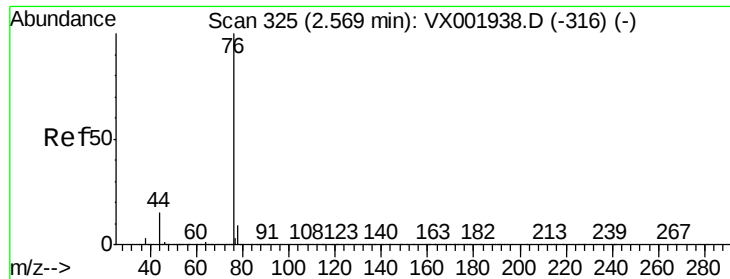
Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Tgt Ion:	43	Resp:	191788
Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.3	33.5

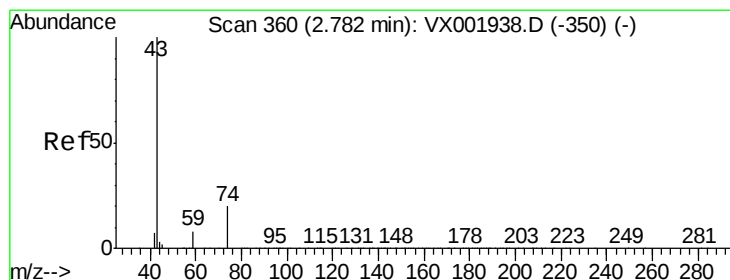
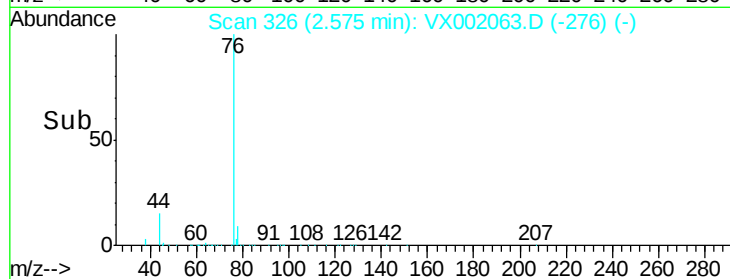
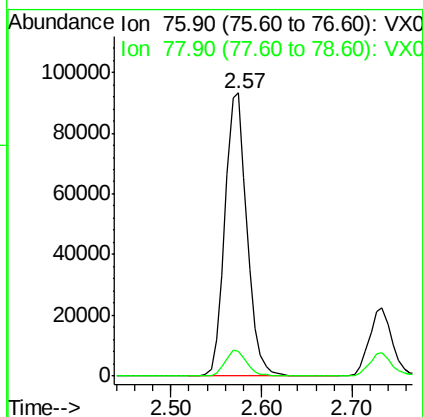
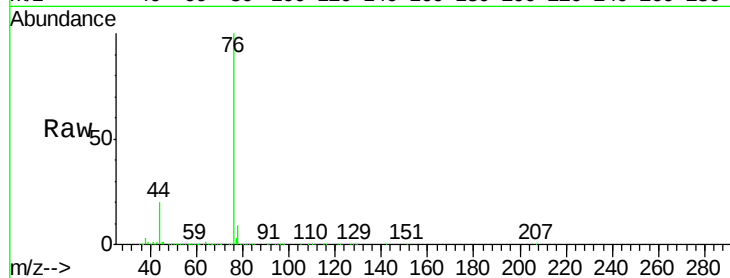




#17
Carbon Disulfide
Concen: 18.88 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

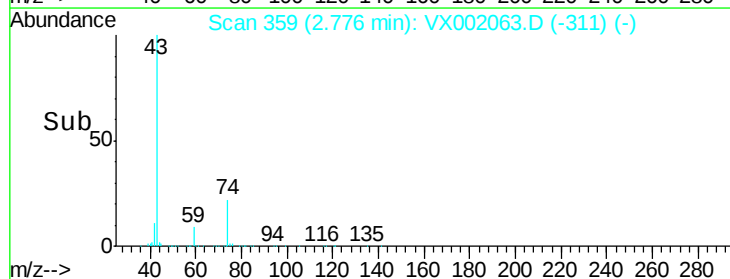
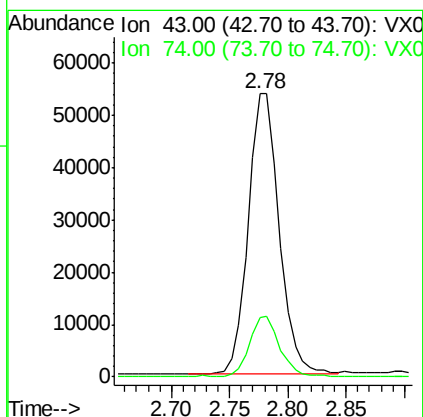
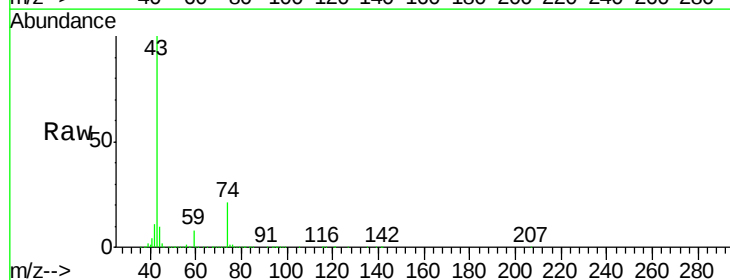
Instrument :
MSVOA_X
ClientSampleId :

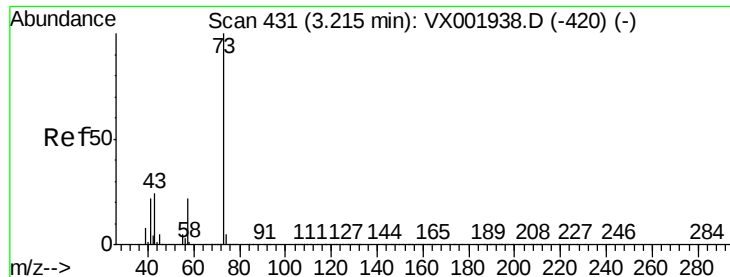
Tot Ion: 76 Resp: 157366
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 23.33 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion: 43 Resp: 98839
Ion Ratio Lower Upper
43 100
74 21.5 16.8 25.2



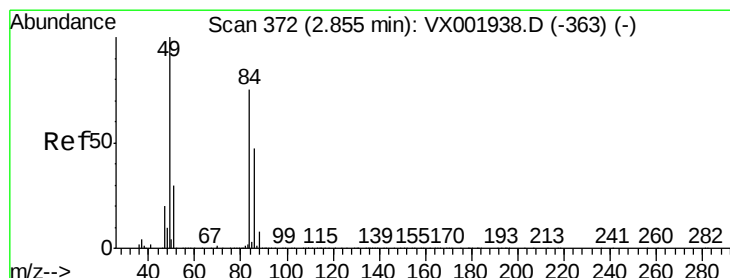
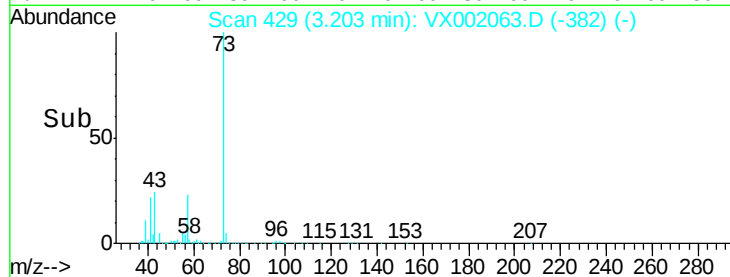
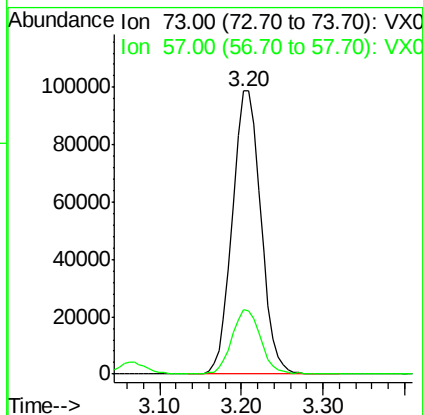
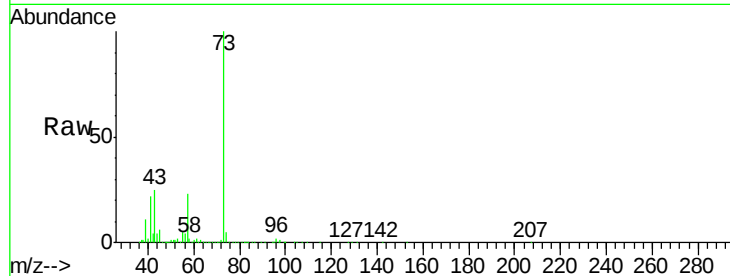


#19

Methyl tert-butyl Ether
 Concen: 21.87 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

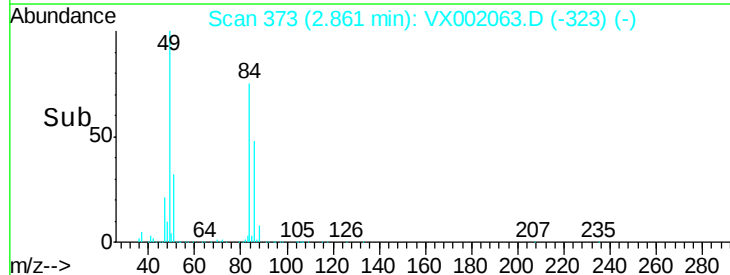
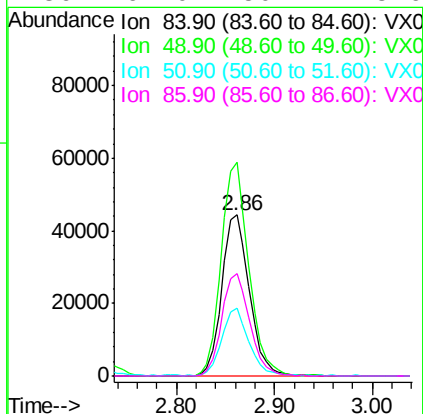
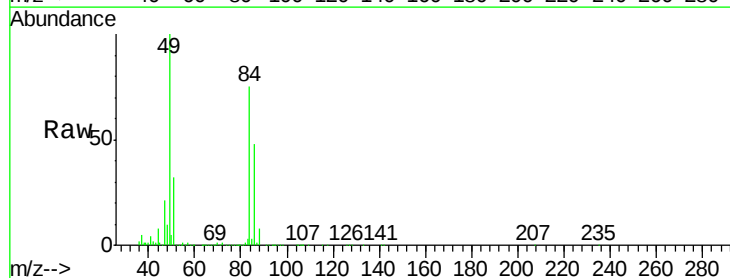
Tot Ion: 73 Resp: 238258
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.4 26.0



#20

Methylene Chloride
 Concen: 28.40 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion: 84 Resp: 86439
 Ion Ratio Lower Upper
 84 100
 49 132.7 107.2 160.8
 51 42.0 32.4 48.6
 86 64.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 22.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

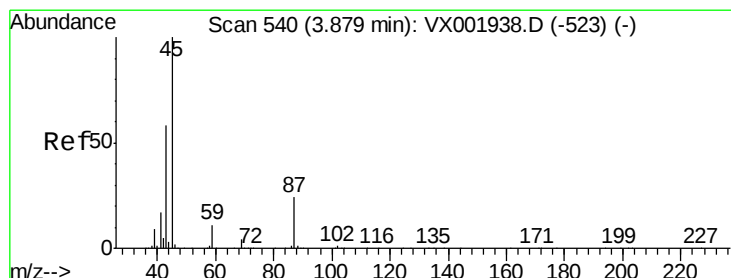
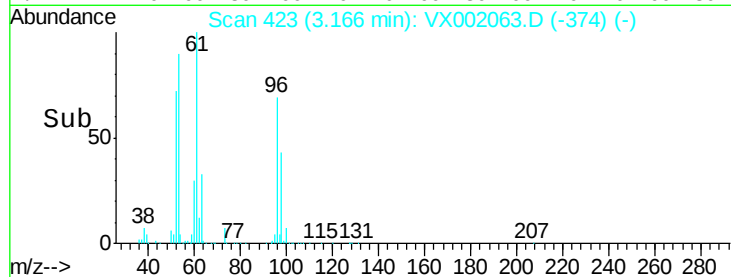
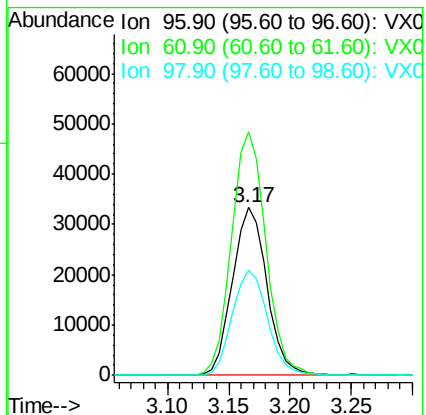
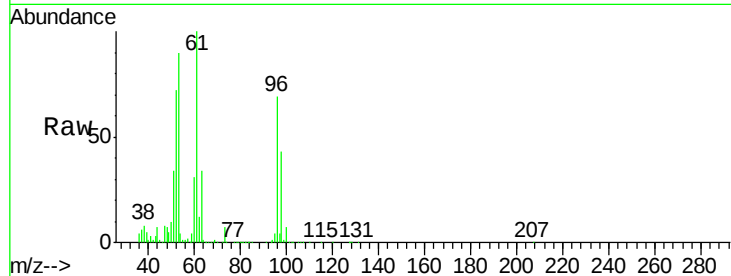
Tot Ion: 96 Resp: 64727

Ion Ratio Lower Upper

96 100

61 145.4 113.3 169.9

98 62.7 51.7 77.5



#22

Diisopropyl ether

Concen: 19.30 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Tgt Ion: 45 Resp: 238644

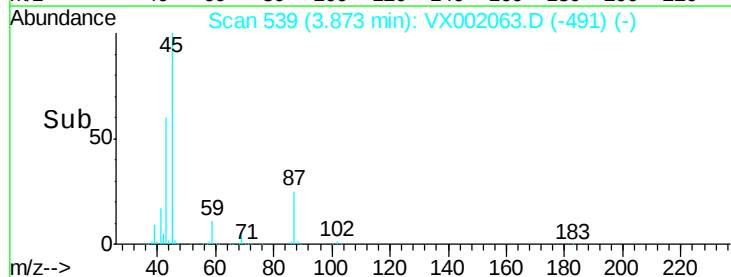
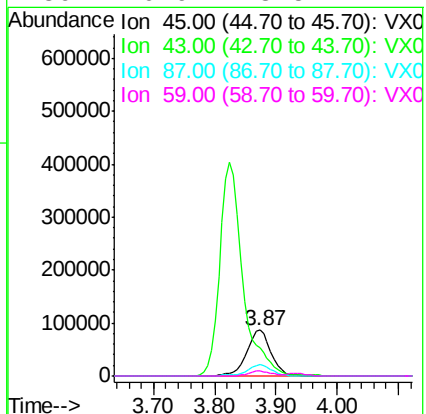
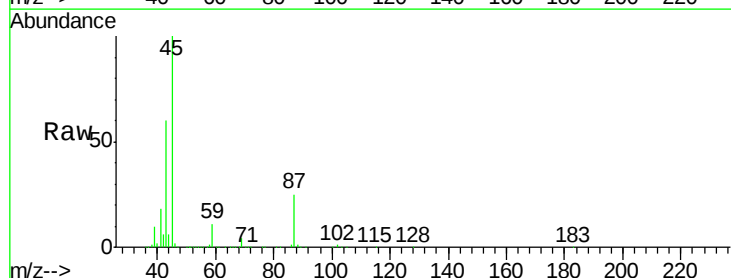
Ion Ratio Lower Upper

45 100

43 59.9 47.0 70.6

87 24.6 19.4 29.0

59 10.9 8.5 12.7

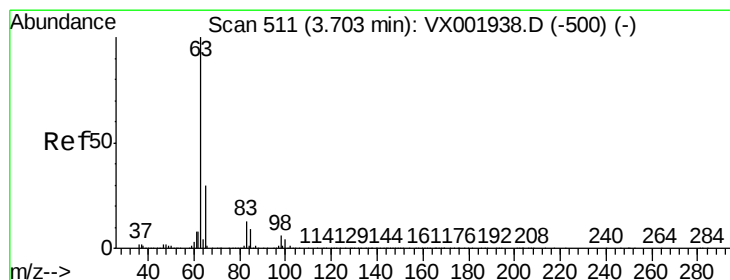
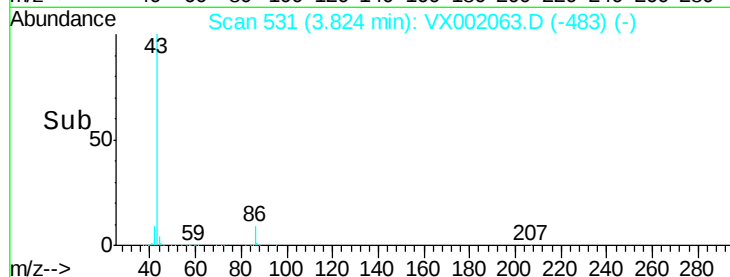
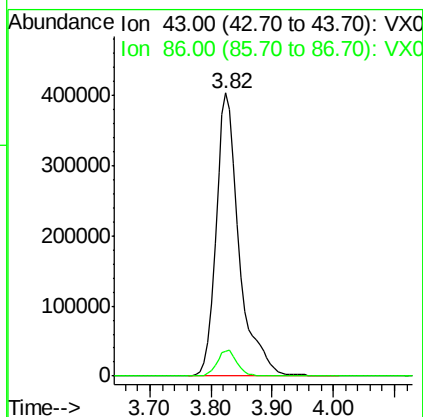
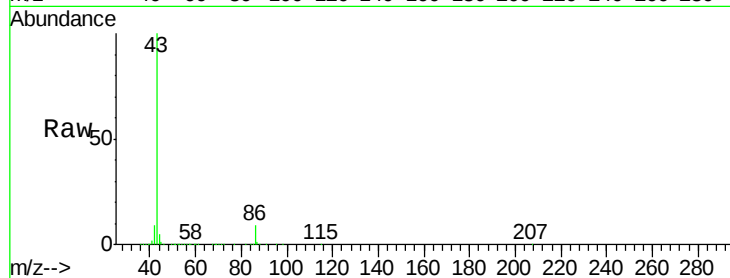




#23
 Vinyl Acetate
 Concen: 103.32 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

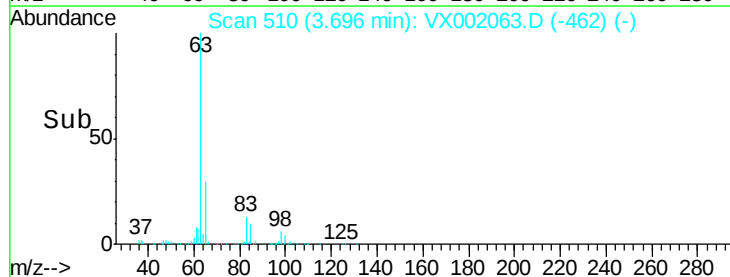
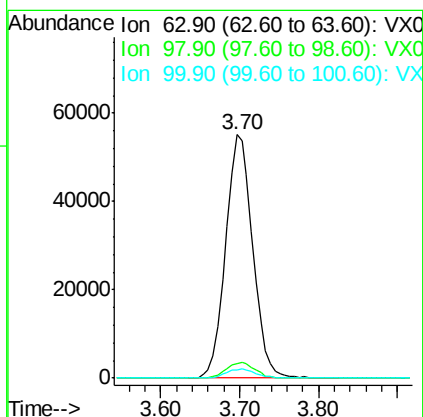
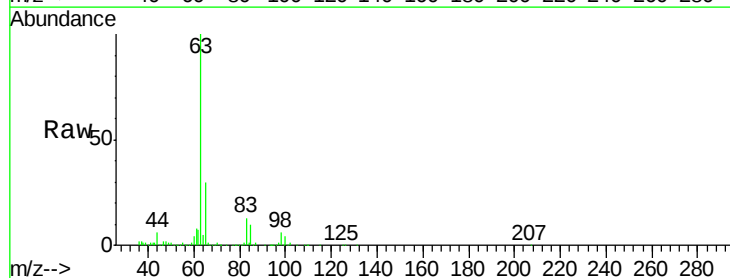
Instrument :
 MSVOA_X
 ClientSampleId :

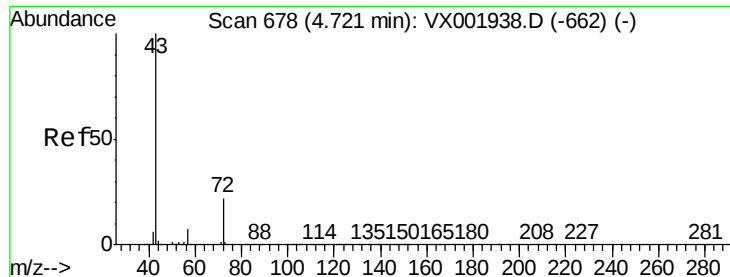
Tot Ion: 43 Resp: 1059518
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 22.39 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion: 63 Resp: 131525
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 88.18 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.02 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

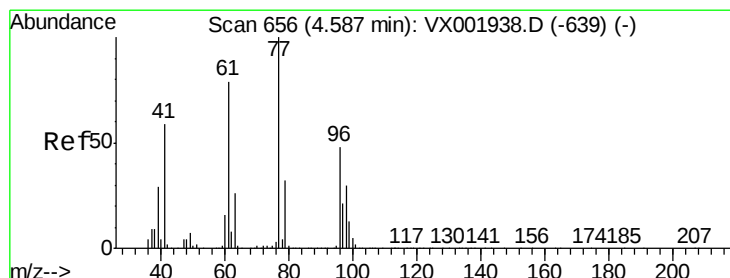
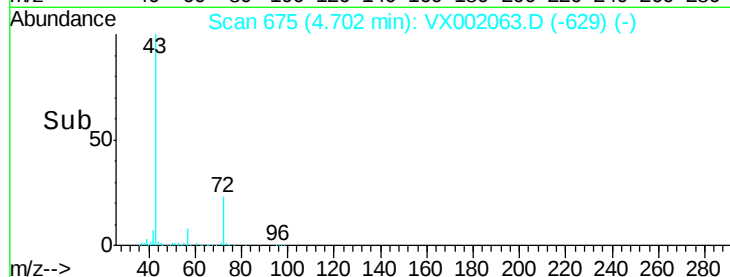
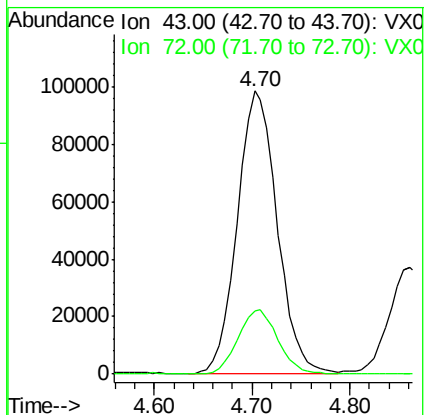
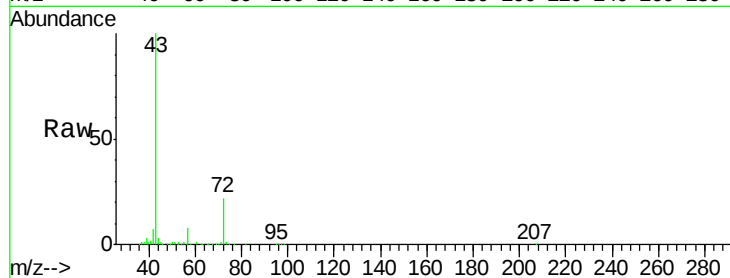
ClientSampled :

Tot Ion: 43 Resp: 277078

Ion Ratio Lower Upper

43 100

72 22.4 17.9 26.9



#26

2,2-Dichloropropane

Concen: 18.25 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002063.D

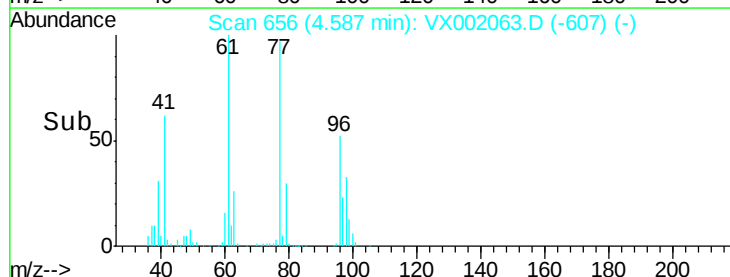
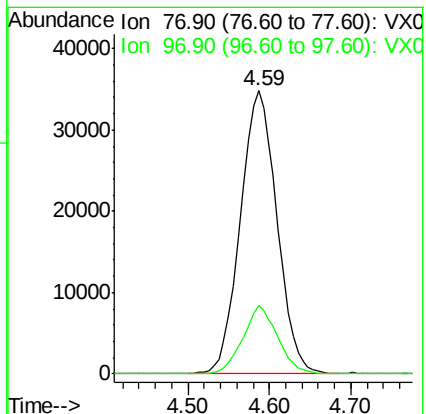
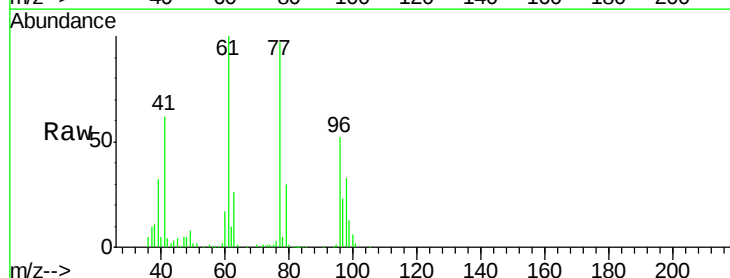
Acq: 27 May 2018 12:53

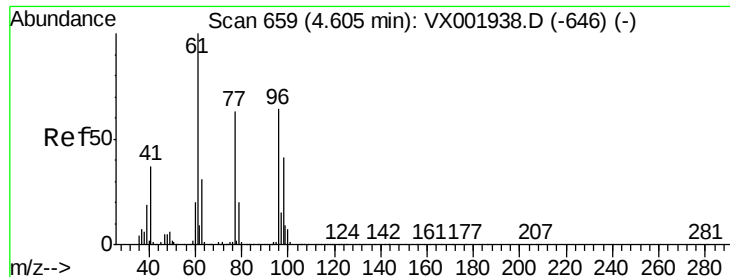
Tgt Ion: 77 Resp: 108550

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5



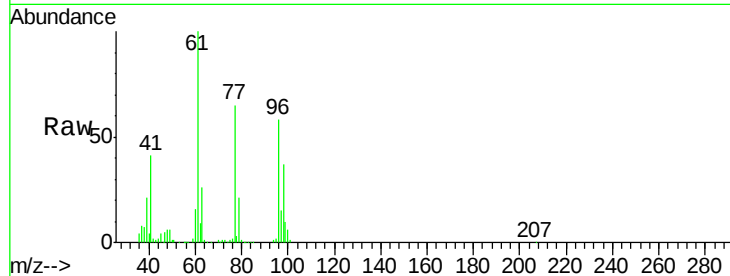


#27

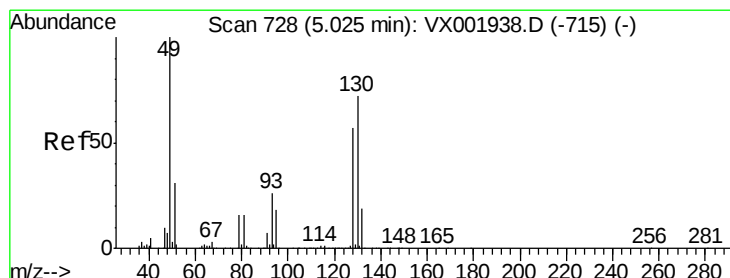
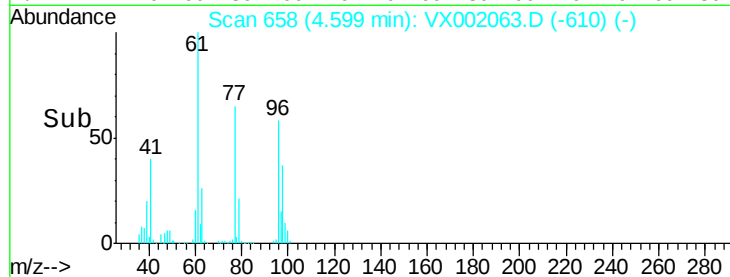
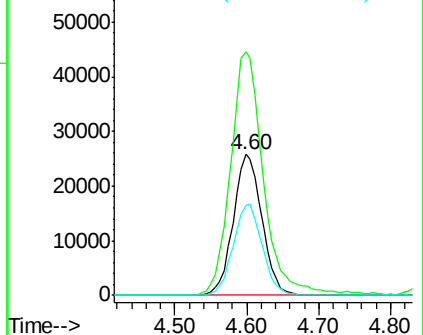
cis-1,2-Dichloroethene
Concen: 18.87 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	196.5	0.0	348.4
98	65.6	0.0	128.6



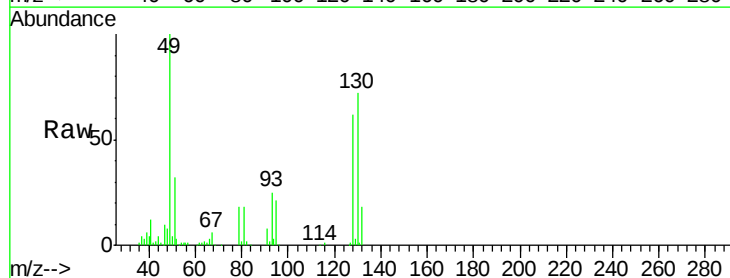
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



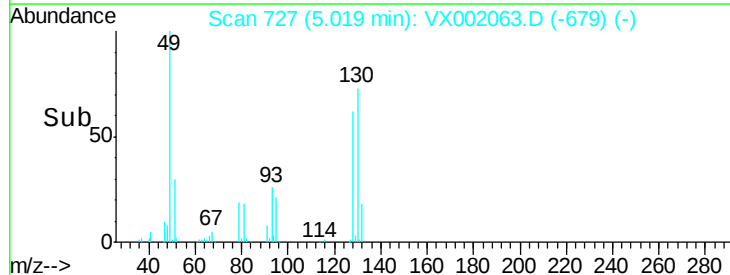
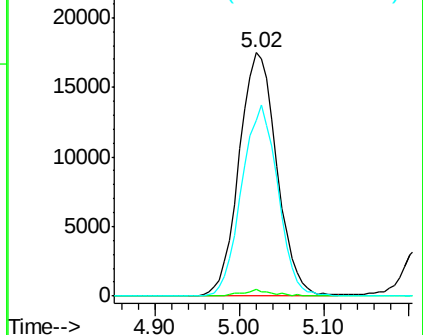
#28

Bromochloromethane
Concen: 20.28 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.4	59.4	89.2



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





#29

Tetrahydrofuran

Concen: 85.59 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

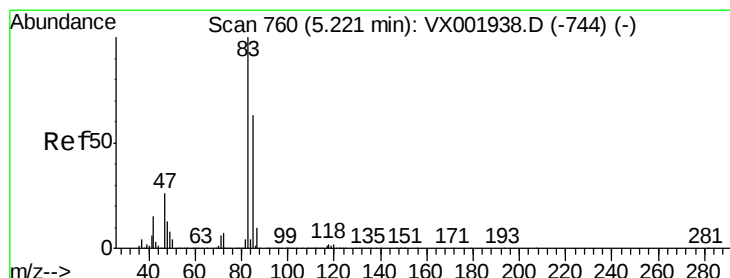
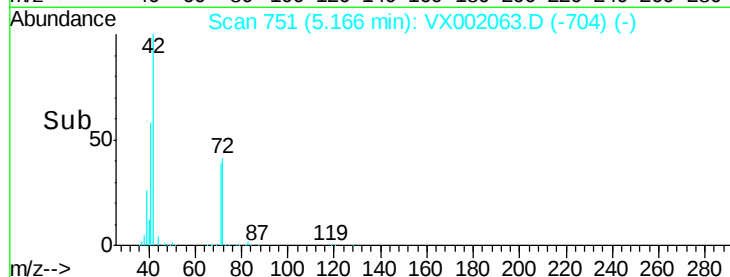
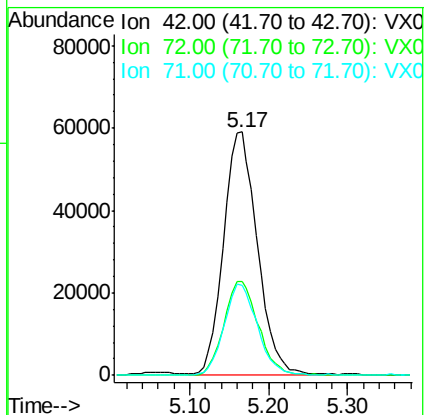
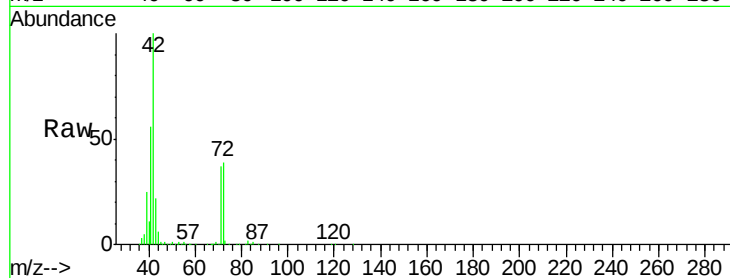
Tot Ion: 42 Resp: 174983

Ion Ratio Lower Upper

42 100

72 39.8 31.4 47.0

71 37.2 29.5 44.3



#30

Chloroform

Concen: 18.63 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002063.D

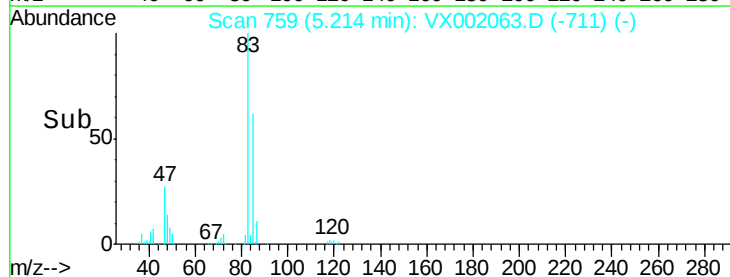
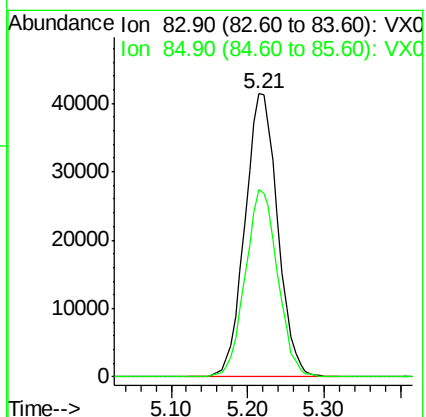
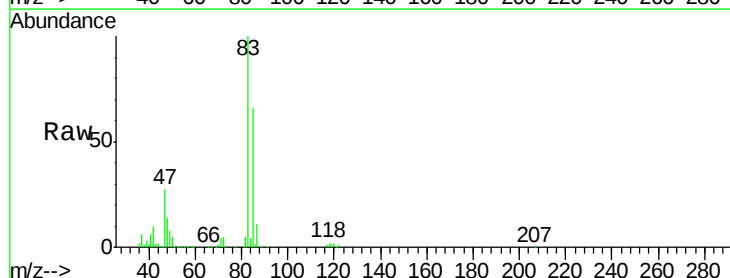
Acq: 27 May 2018 12:53

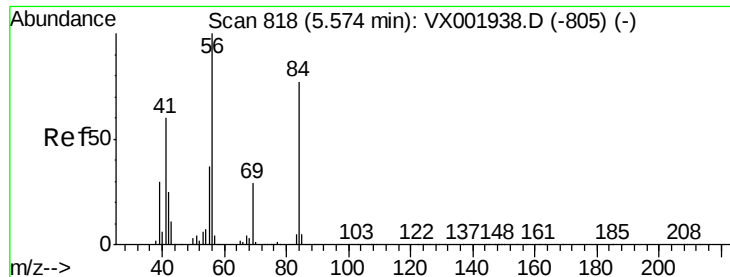
Tgt Ion: 83 Resp: 123307

Ion Ratio Lower Upper

83 100

85 66.0 50.9 76.3

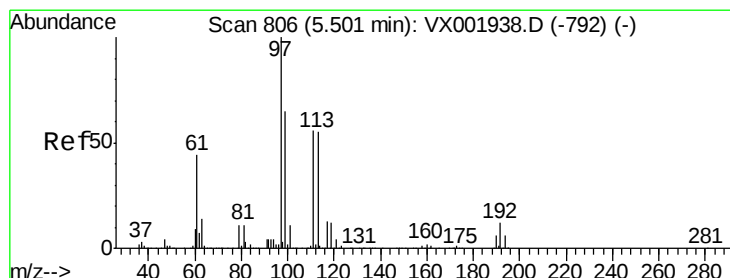
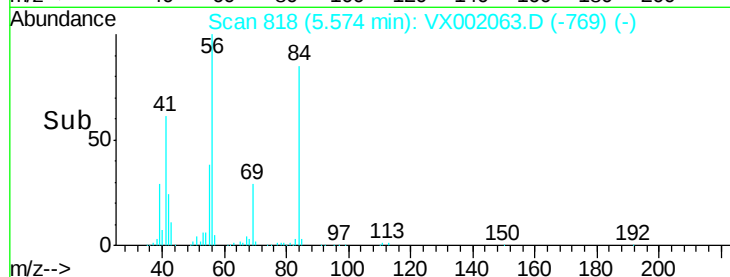
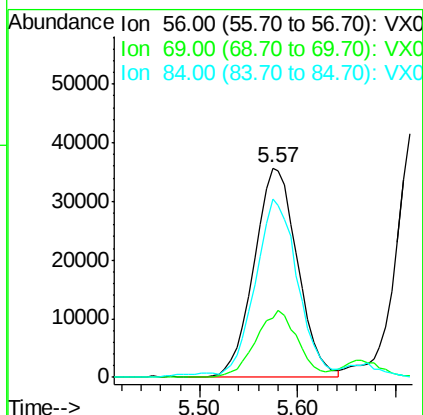
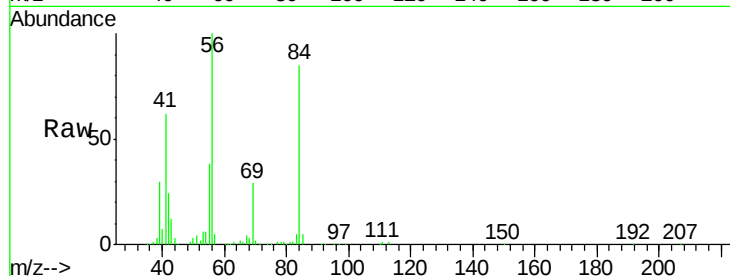




#31
Cyclohexane
Concen: 18.01 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

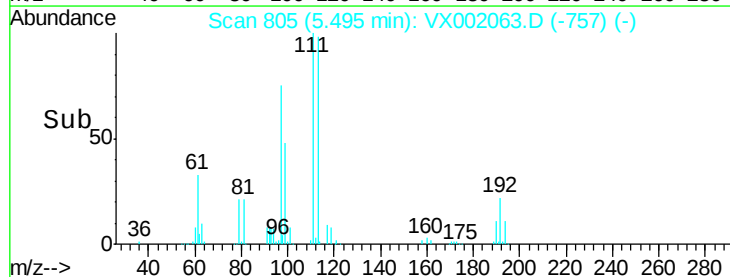
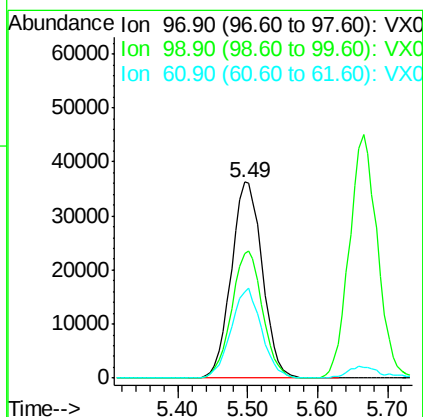
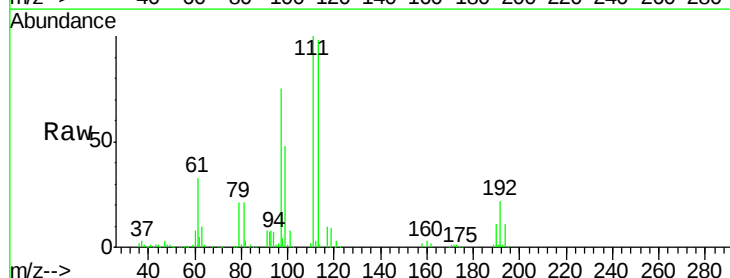
Instrument :
MSVOA_X
ClientSampleId :

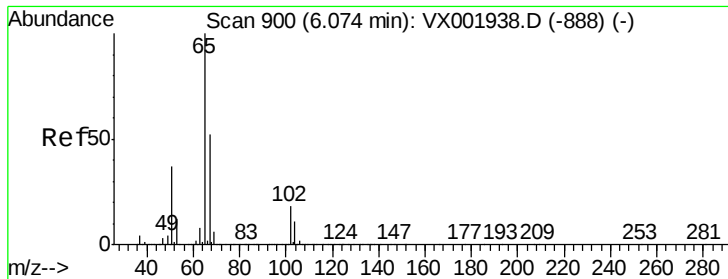
Tot Ion: 56 Resp: 110239
Ion Ratio Lower Upper
56 100
69 28.3 23.1 34.7
84 83.6 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 18.14 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion: 97 Resp: 111927
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 44.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.30 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

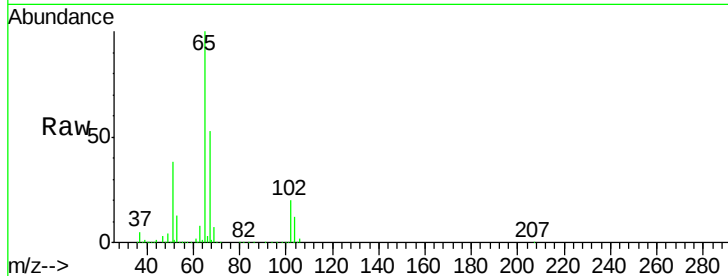
ClientSampleId :

Tot Ion: 65 Resp: 201250

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

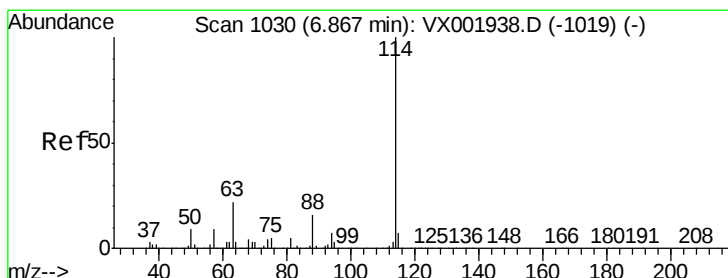
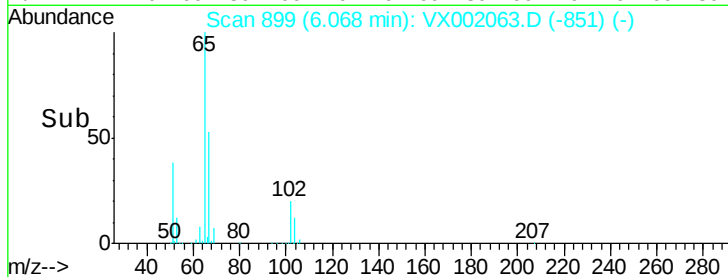
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

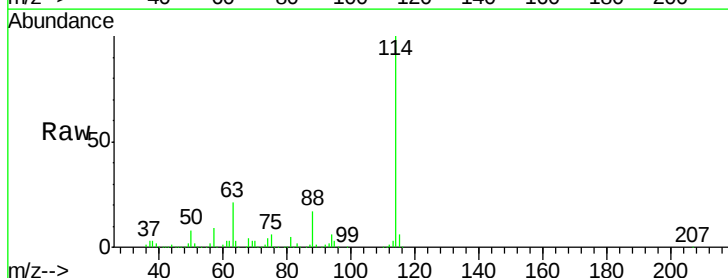
Tgt Ion: 114 Resp: 341164

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.5 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

6.86

150000

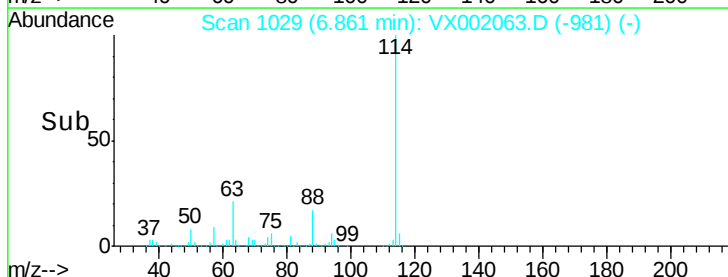
100000

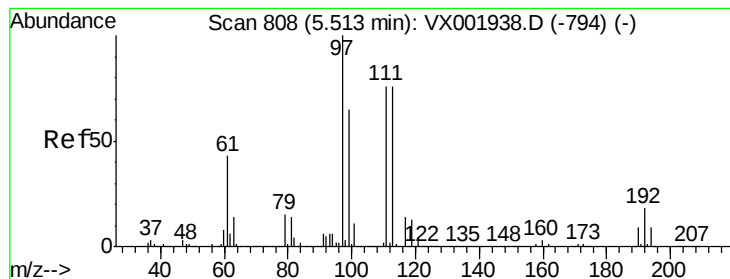
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 45.91 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampled :

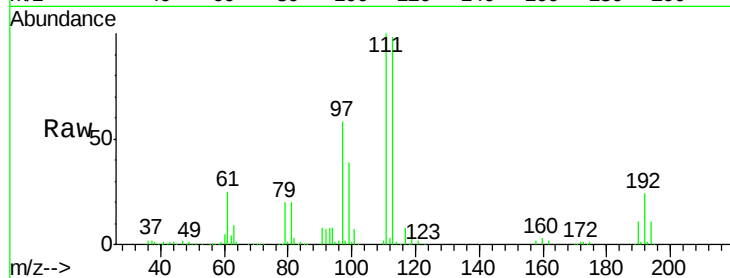
Tot Ion:113 Resp: 156640

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

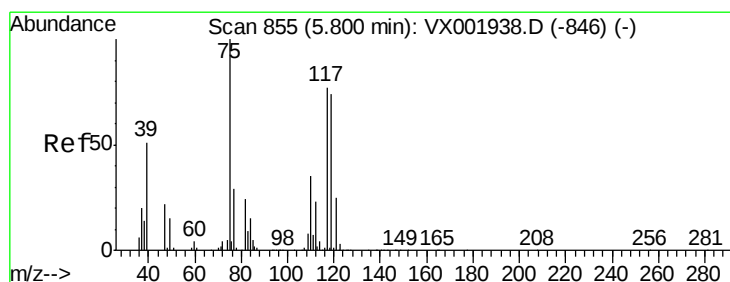
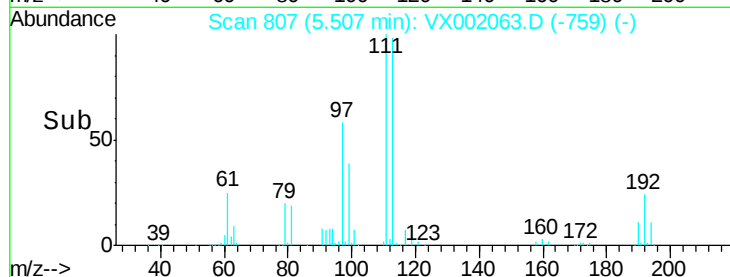
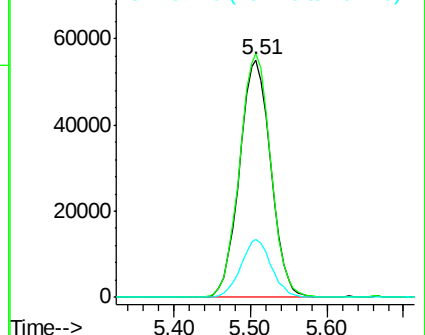
192 23.7 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.44 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

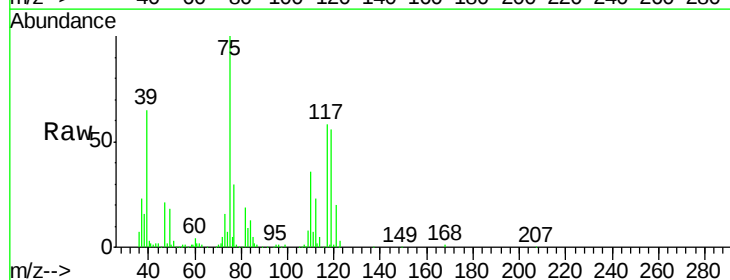
Tgt Ion: 75 Resp: 87485

Ion Ratio Lower Upper

75 100

110 36.8 17.4 52.2

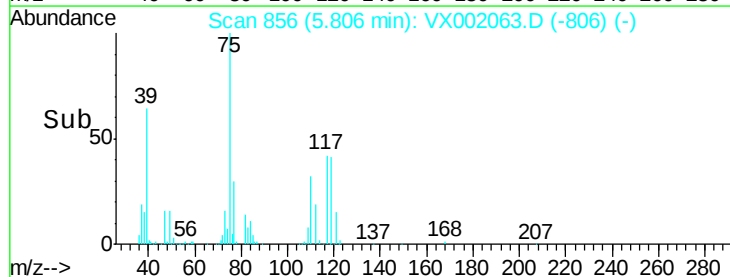
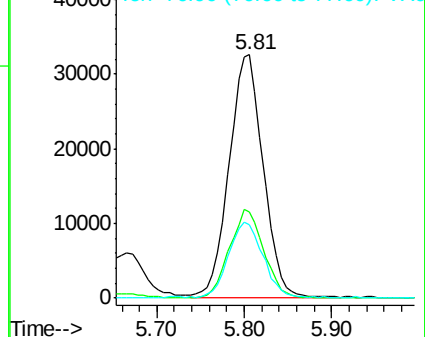
77 31.4 24.4 36.6

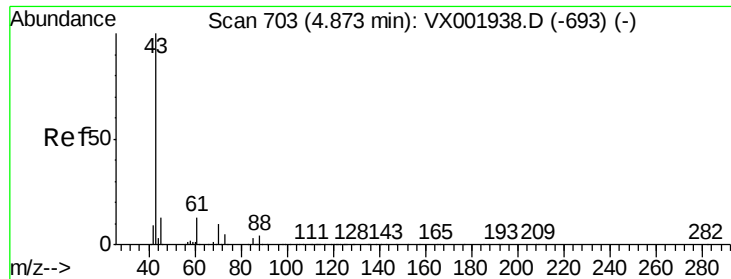


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

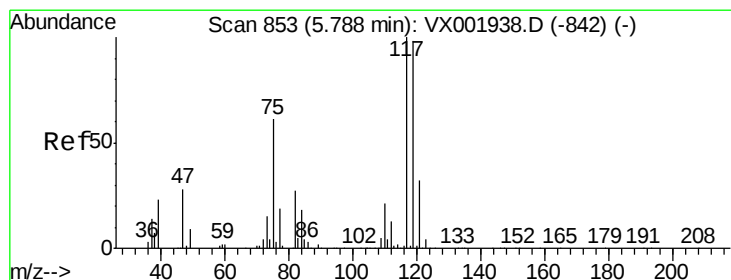
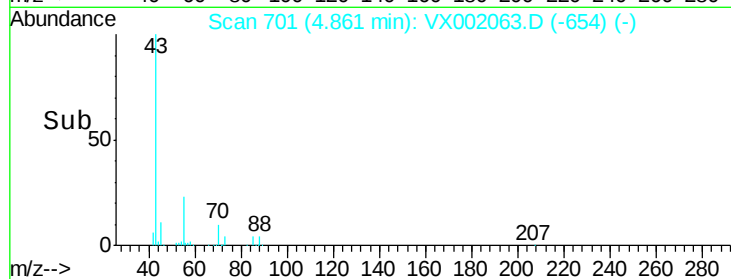
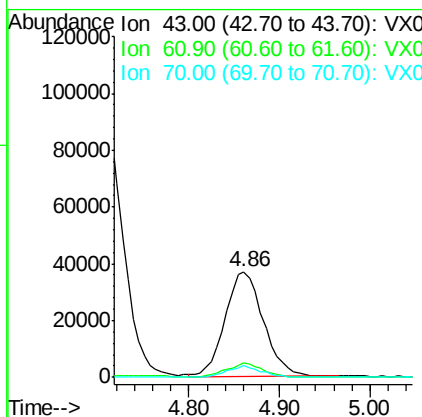
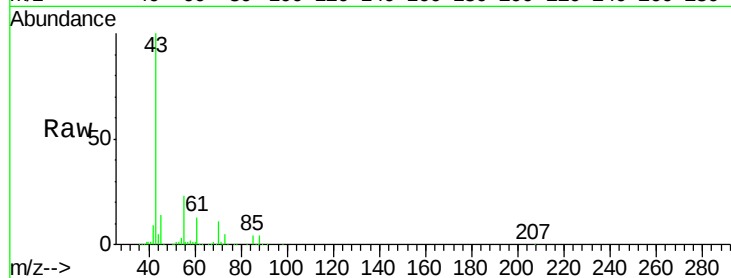




#37
Ethyl Acetate
Concen: 17.47 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

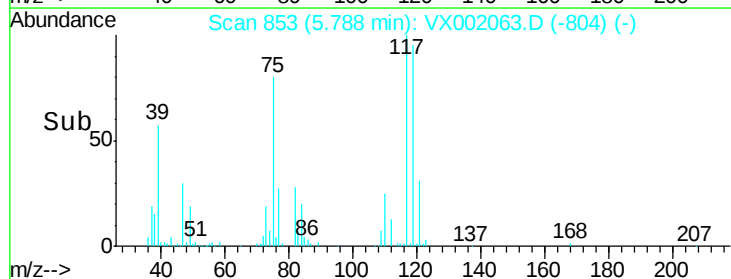
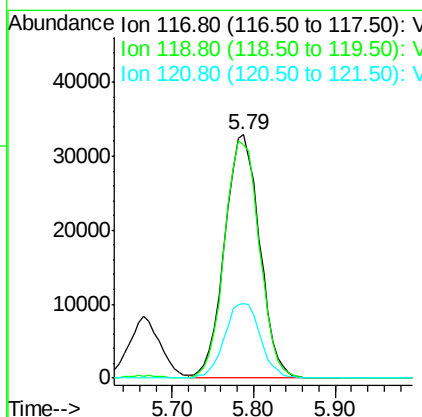
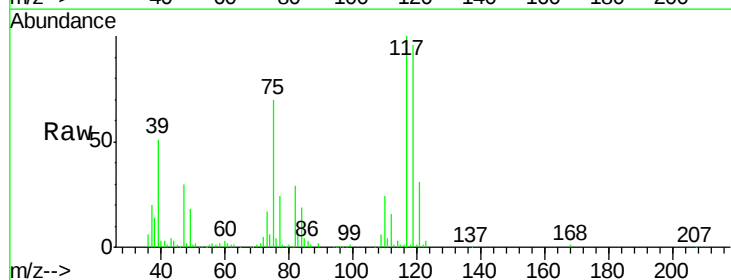
Instrument :
MSVOA_X
ClientSampled :

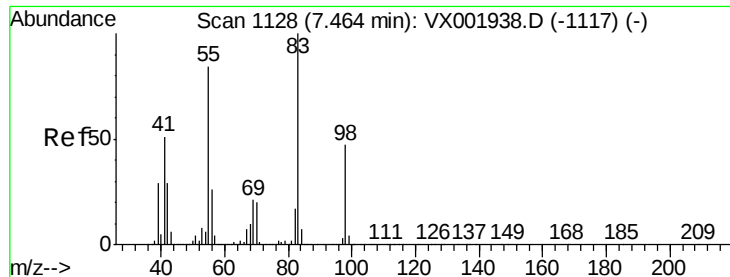
Tot Ion	43	Resp	108079
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.2	15.2
70	9.8	7.8	11.8



#38
Carbon Tetrachloride
Concen: 17.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion	117	Resp	97879
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.5	117.7
121	30.8	25.5	38.3

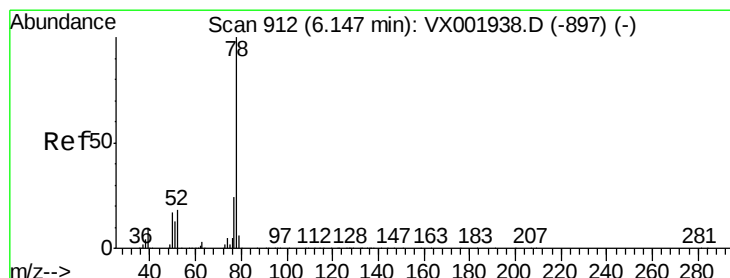
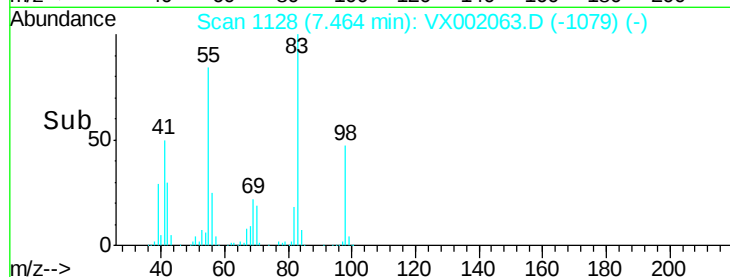
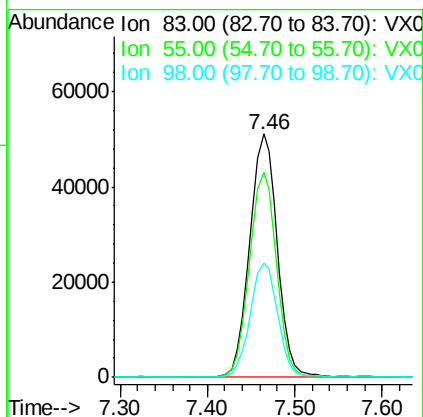
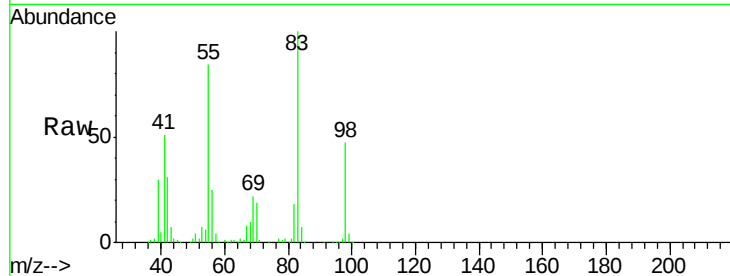




#39
Methvlcvclohexane
Concen: 19.28 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

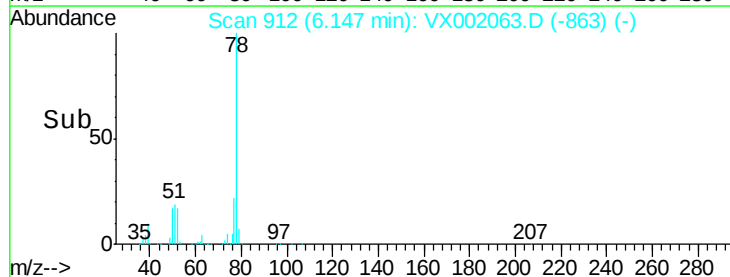
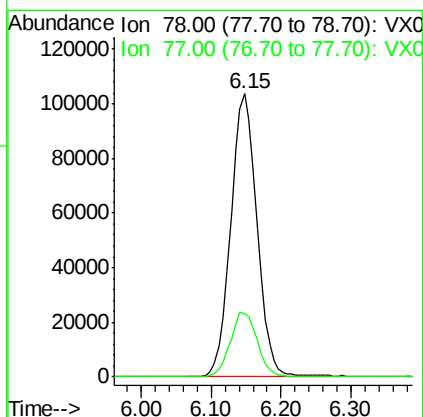
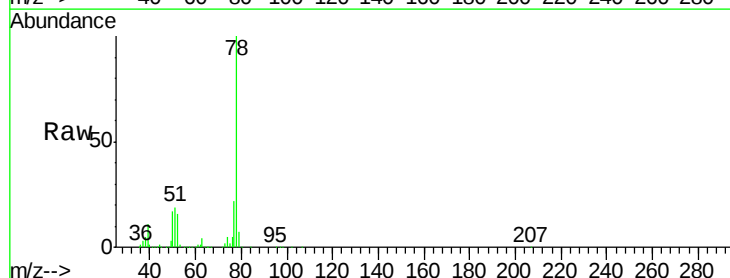
Instrument :
MSVOA_X
ClientSampleId :

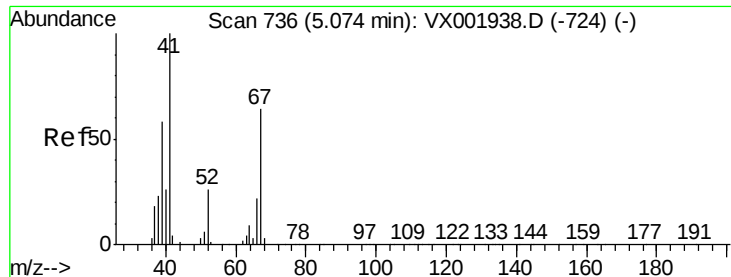
Tot Ion: 83 Resp: 112384
Ion Ratio Lower Upper
83 100
55 84.2 67.3 100.9
98 46.9 37.5 56.3



#40
Benzene
Concen: 19.50 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion: 78 Resp: 271119
Ion Ratio Lower Upper
78 100
77 22.2 19.1 28.7

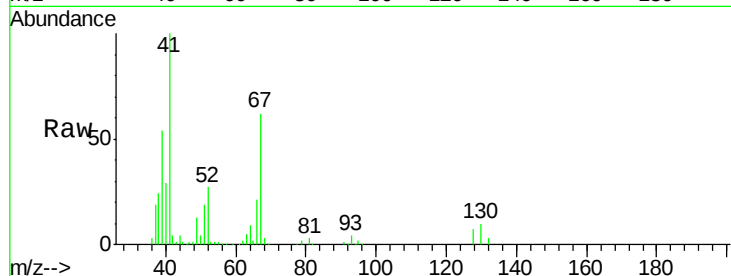




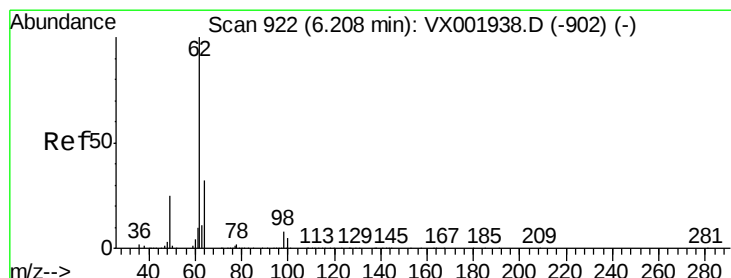
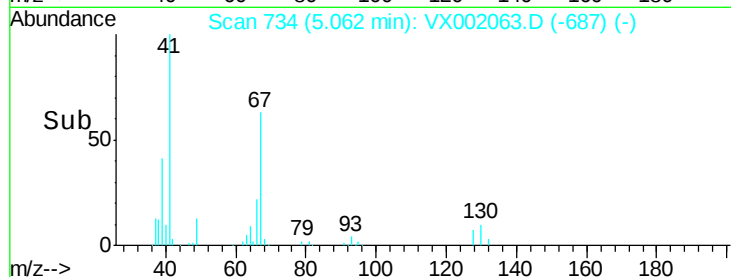
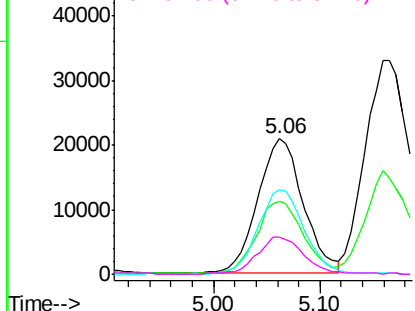
#41
Methacrylonitrile
Concen: 18.12 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	61978
Ion	Ratio	Lower	Upper
41	100		
39	54.2	46.0	69.0
67	64.6	50.6	75.8
52	29.1	21.9	32.9

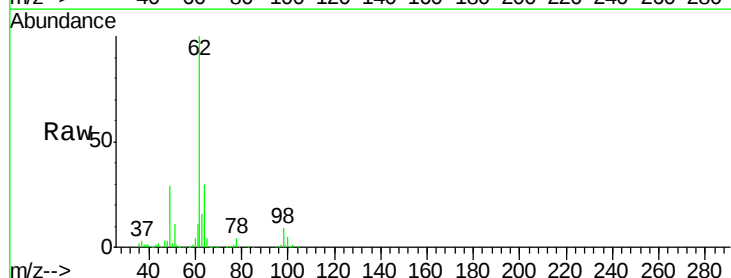


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

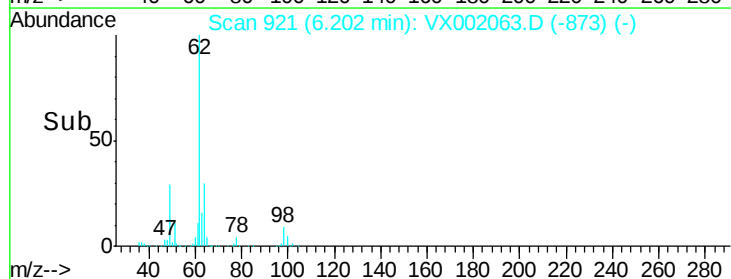
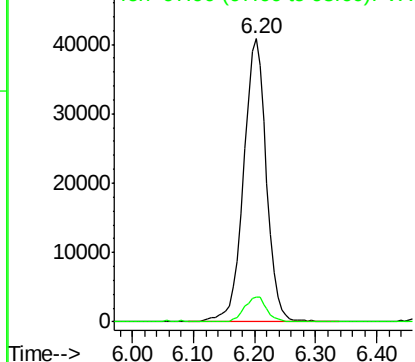


#42
1,2-Dichloroethane
Concen: 19.03 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion:	62	Resp:	105698
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



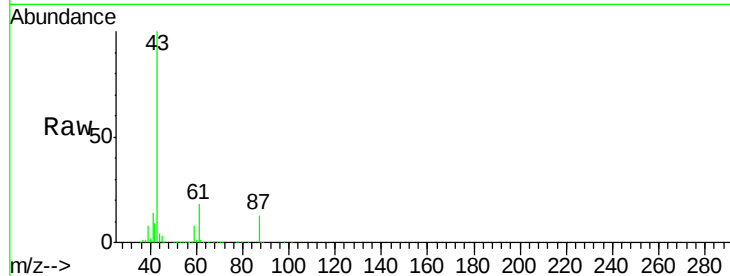


#43

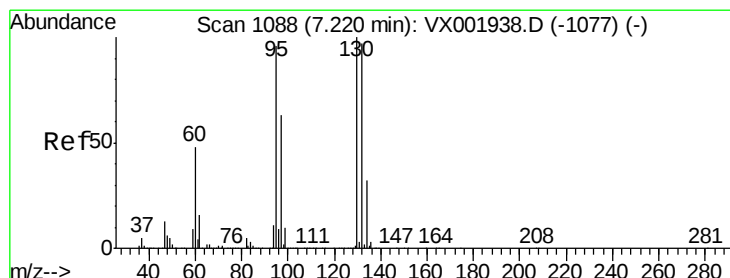
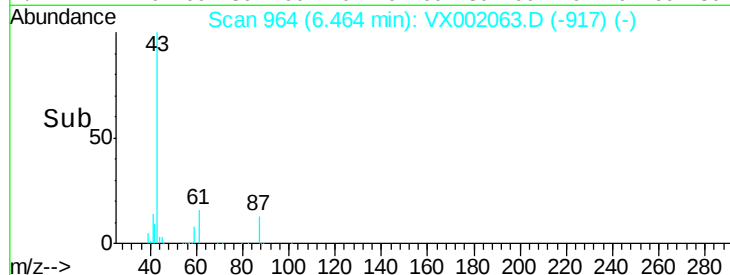
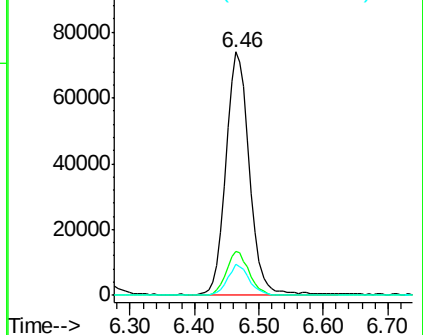
Isopropyl Acetate
 Concen: 18.24 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 187979
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.5 21.7
 87 12.1 9.5 14.3



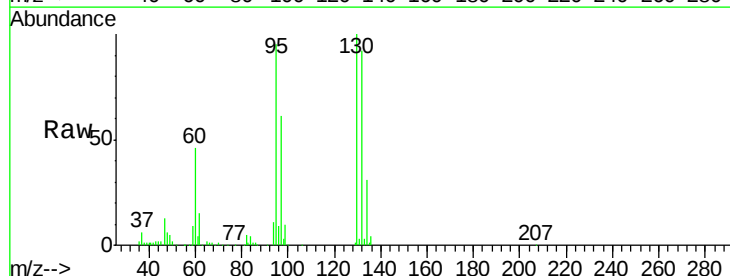
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



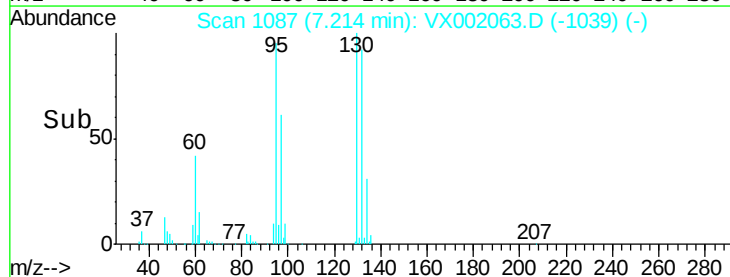
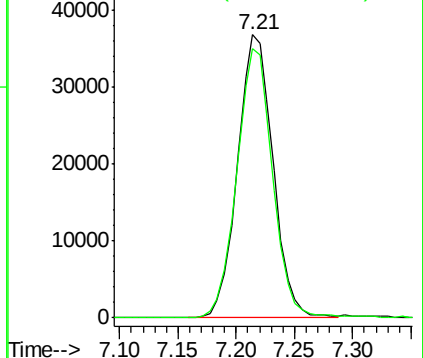
#44

Trichloroethene
 Concen: 19.31 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion: 130 Resp: 78221
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 192.0



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





#45

1,2-Dichloropropane

Concen: 19.73 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

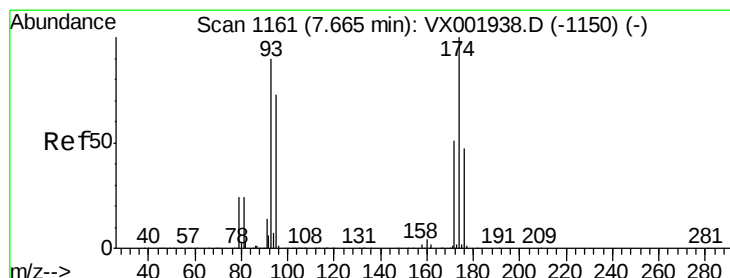
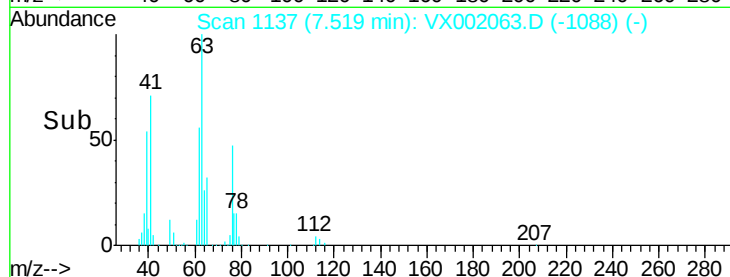
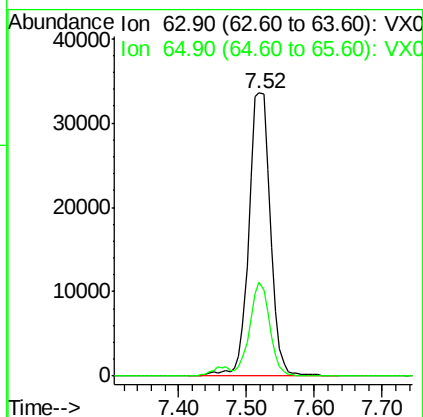
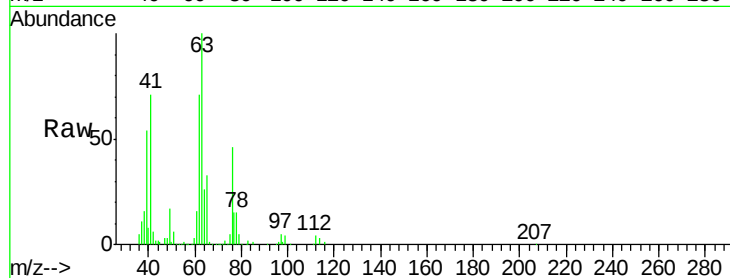
ClientSampleId :

Tot Ion: 63 Resp: 74486

Ion Ratio Lower Upper

63 100

65 33.3 24.1 36.1



#46

Dibromomethane

Concen: 19.34 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

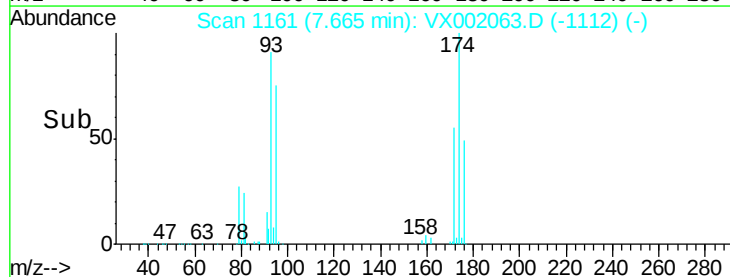
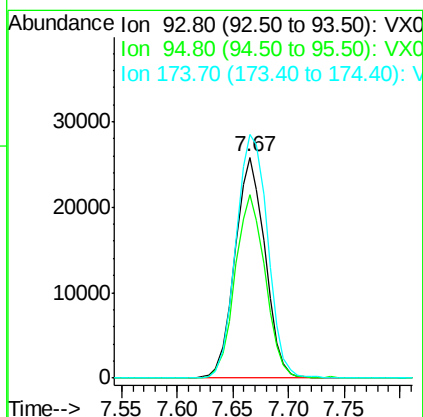
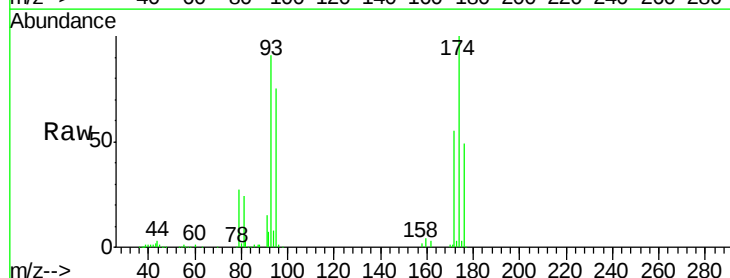
Tgt Ion: 93 Resp: 48351

Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

174 116.6 92.5 138.7





#47

Bromodichloromethane

Concen: 18.01 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :

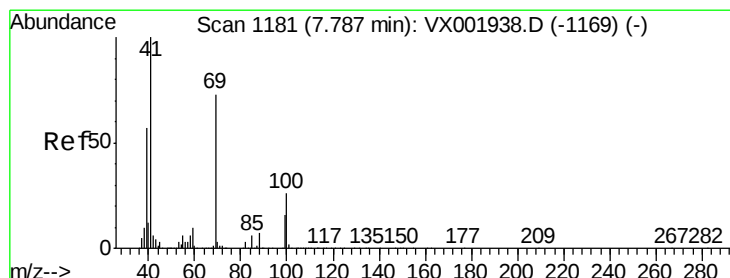
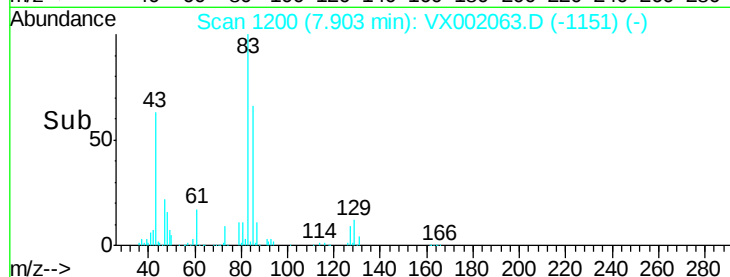
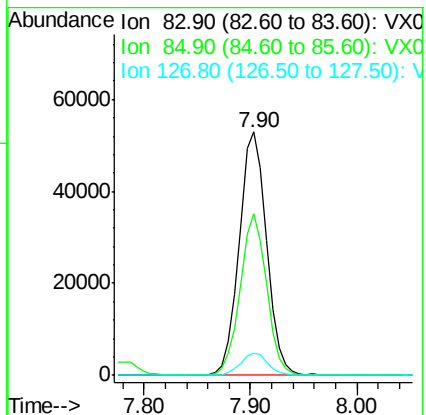
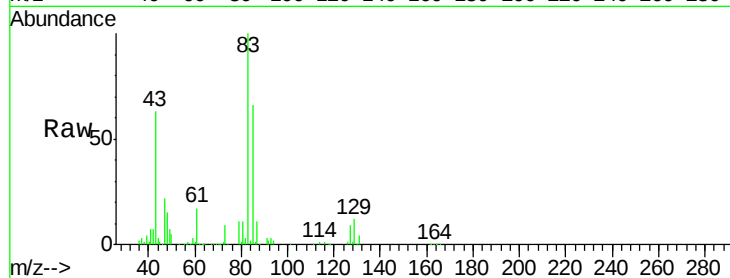
Tot Ion: 83 Resp: 95971

Ion Ratio Lower Upper

83 100

85 66.3 51.4 77.2

127 9.3 7.1 10.7



#48

Methyl methacrylate

Concen: 18.30 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

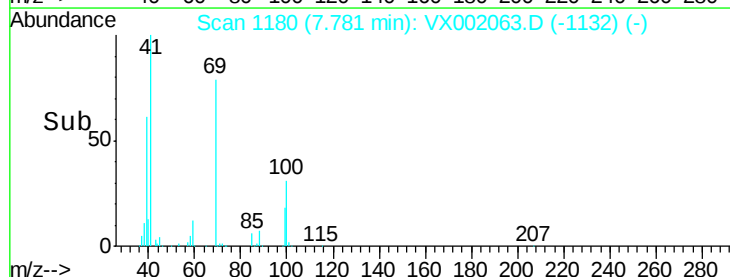
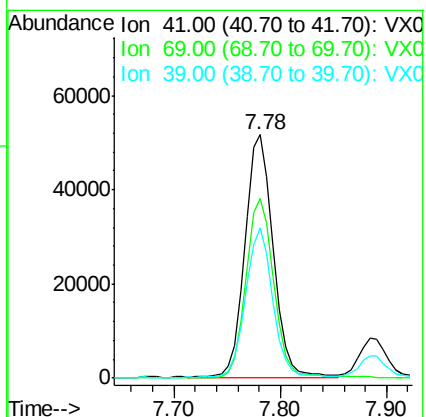
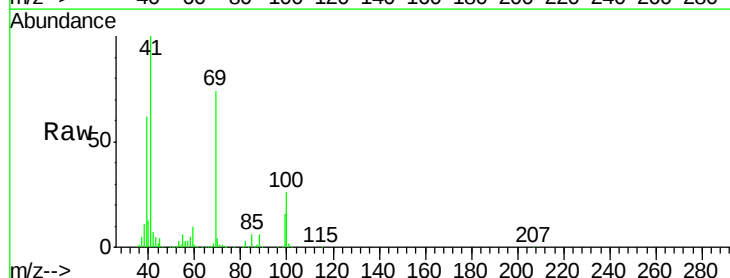
Tgt Ion: 41 Resp: 95996

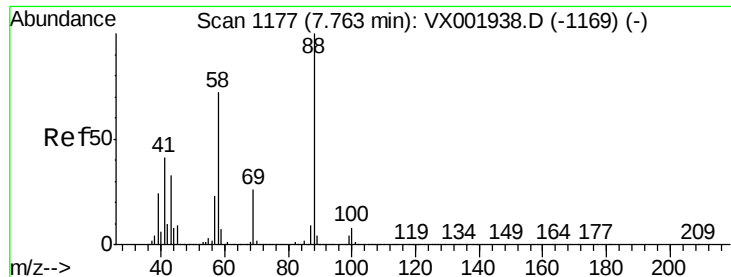
Ion Ratio Lower Upper

41 100

69 73.6 58.6 87.8

39 59.8 46.3 69.5





#49

1,4-Dioxane

Concen: 368.76 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :

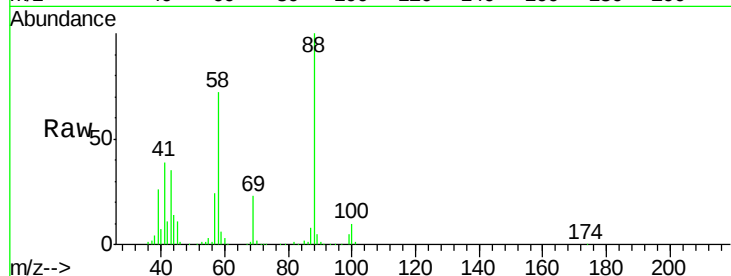
Tot Ion: 88 Resp: 34093

Ion Ratio Lower Upper

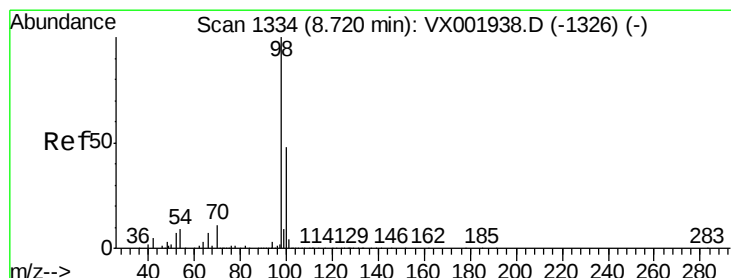
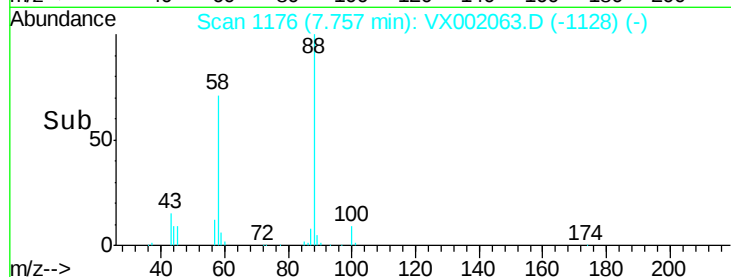
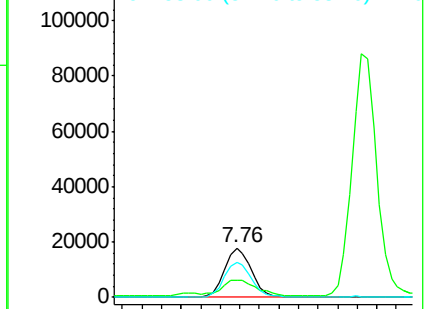
88 100

43 41.5 29.8 44.8

58 73.1 58.7 88.1



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



#50

Toluene-d8

Concen: 47.99 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002063.D

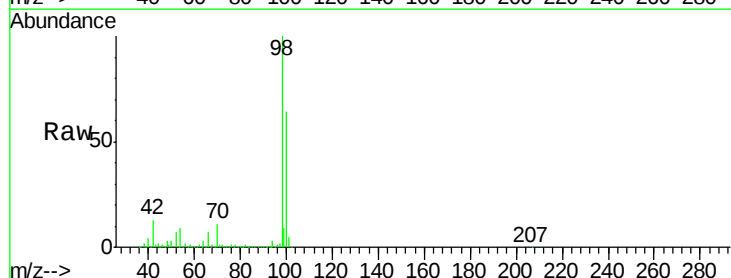
Acq: 27 May 2018 12:53

Tgt Ion: 98 Resp: 592745

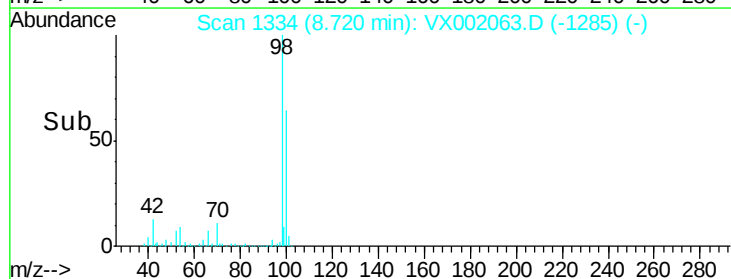
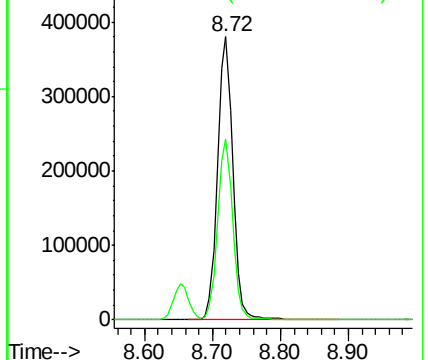
Ion Ratio Lower Upper

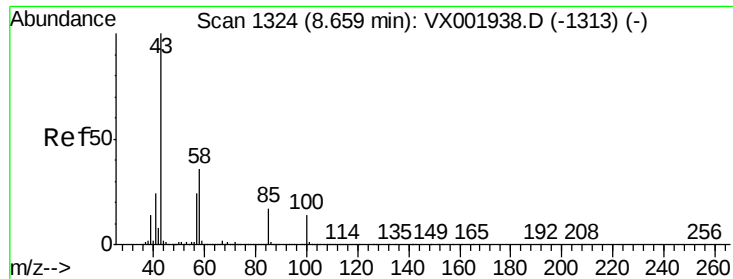
98 100

100 63.7 51.5 77.3



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

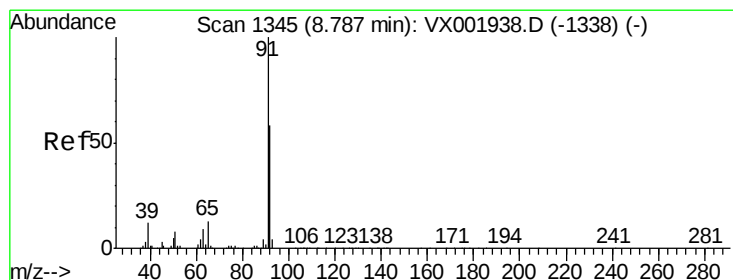
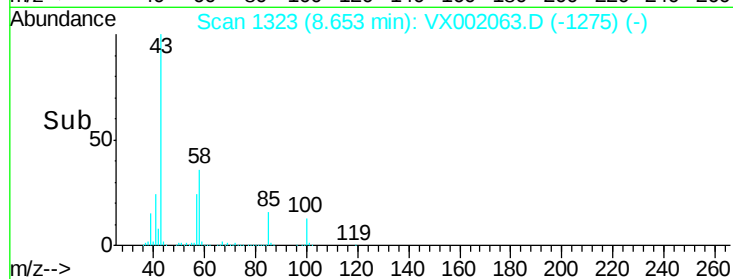
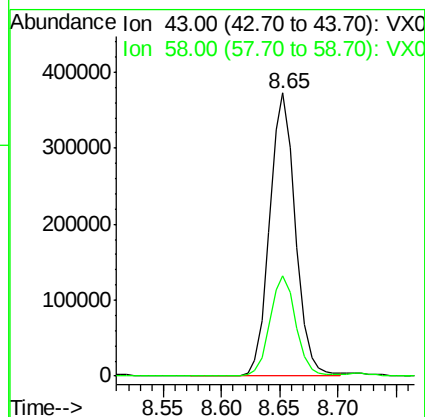
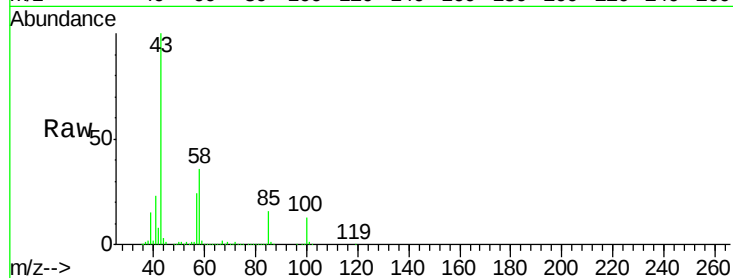




#51
 4-Methyl-2-Pentanone
 Concen: 92.22 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

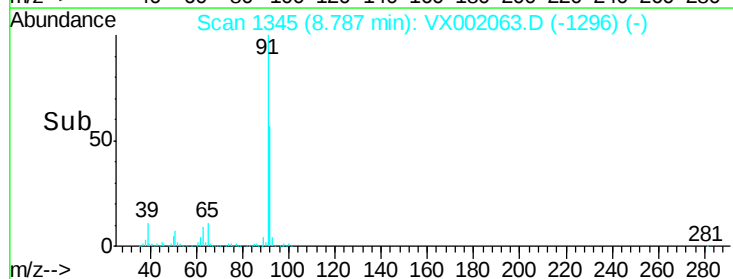
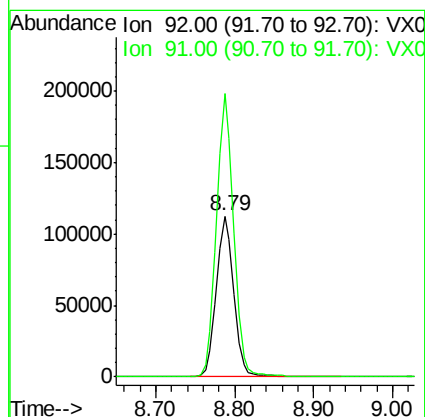
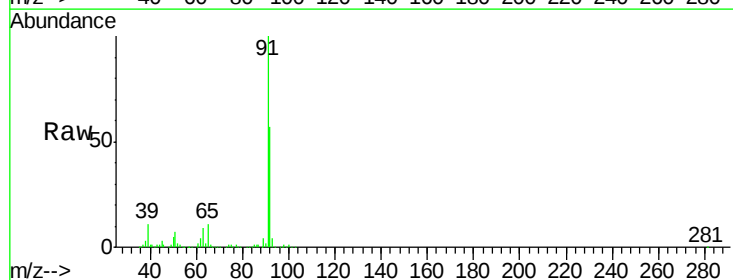
Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion: 43 Resp: 573076
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.5 42.7



#52
 Toluene
 Concen: 19.70 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion: 92 Resp: 174264
 Ion Ratio Lower Upper
 92 100
 91 174.4 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 18.79 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

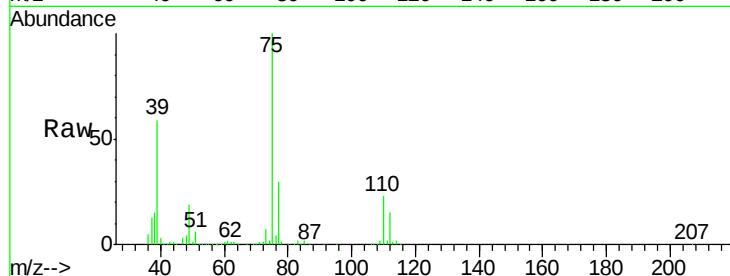
ClientSampleId :

Tot Ion: 75 Resp: 115348

Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

80000

60000

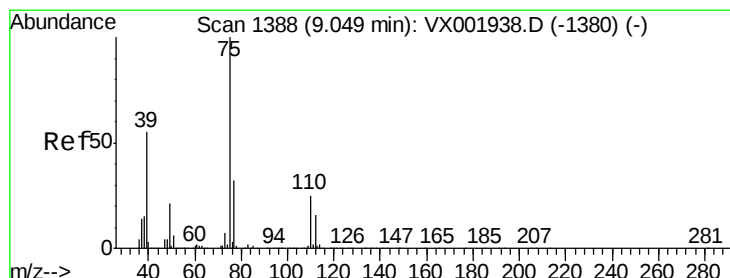
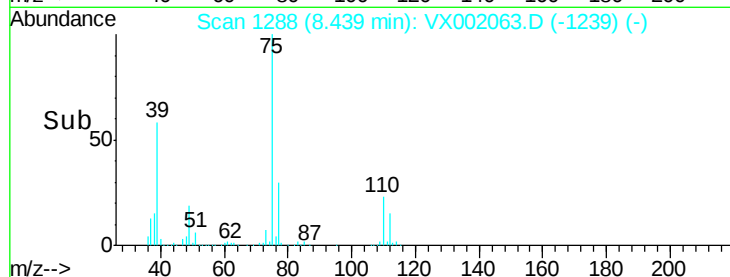
40000

20000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.35 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

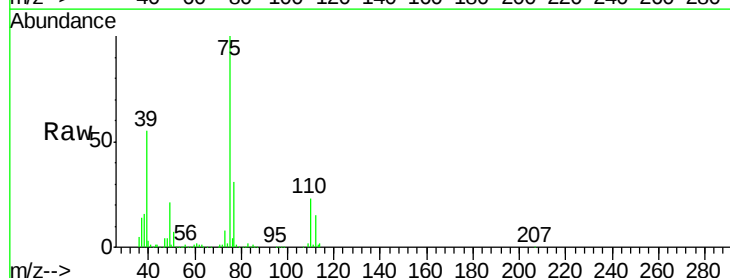
Tgt Ion: 75 Resp: 109761

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 54.9 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

100000

80000

60000

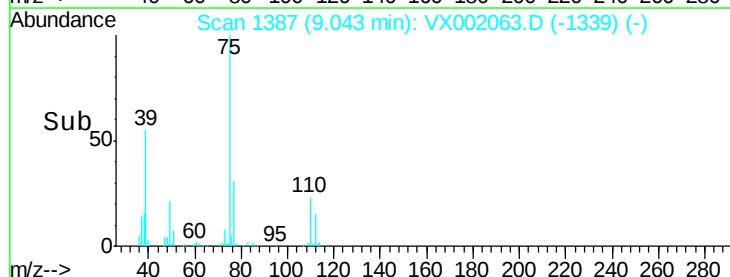
40000

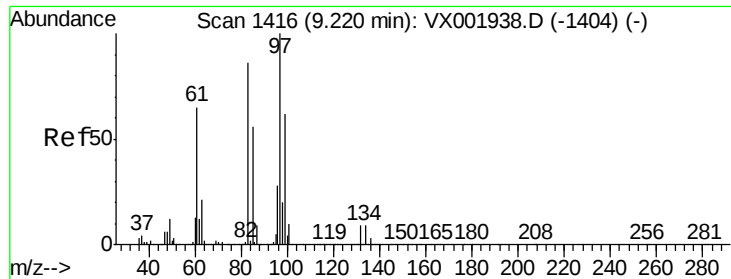
20000

0

9.00 9.10

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.37 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 71605

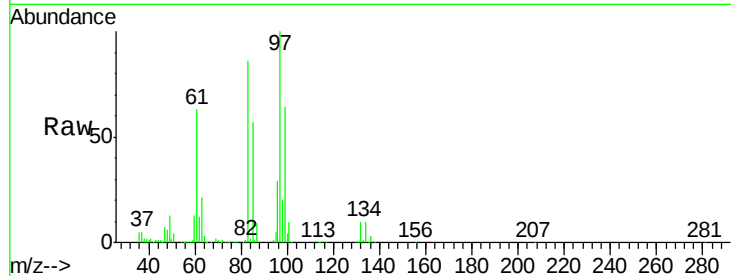
Ion Ratio Lower Upper

97 100

83 85.6 69.1 103.7

85 56.6 45.2 67.8

99 63.5 49.6 74.4

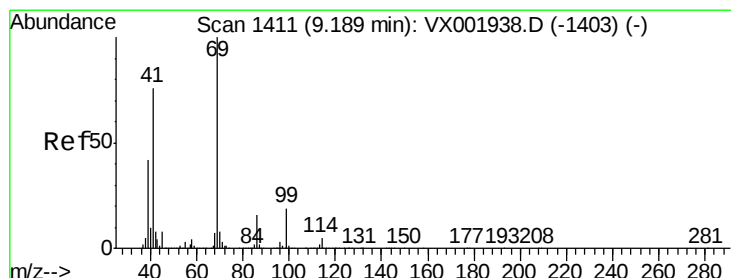
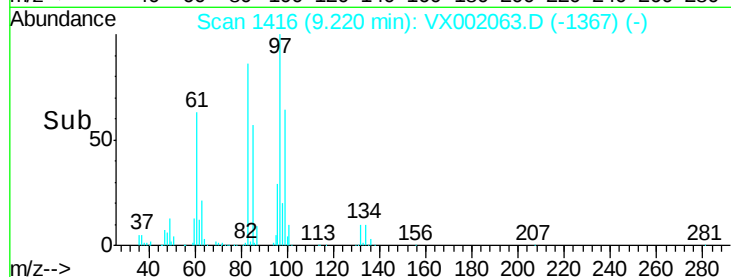
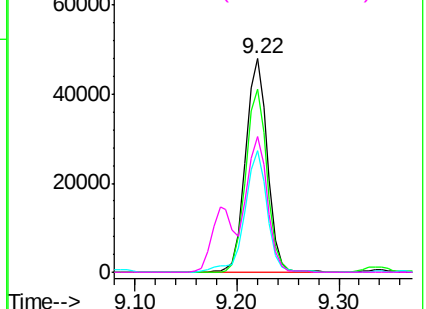


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.42 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

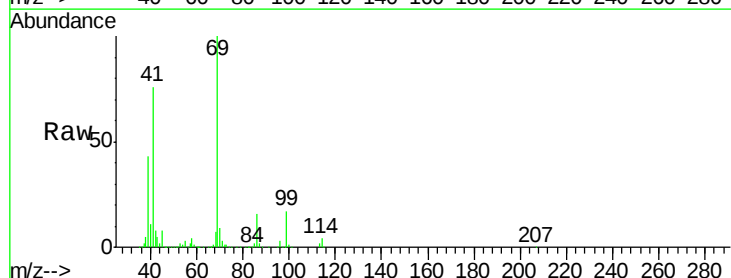
Tgt Ion: 69 Resp: 117119

Ion Ratio Lower Upper

69 100

41 76.1 61.0 91.6

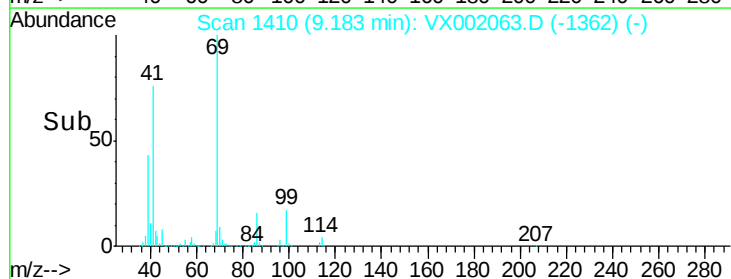
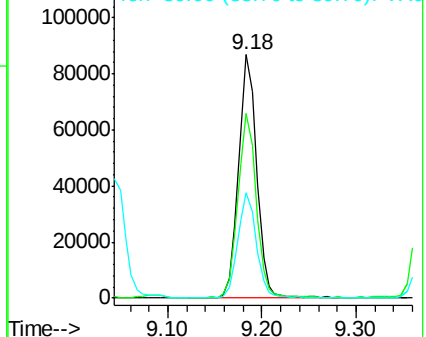
39 43.6 34.4 51.6

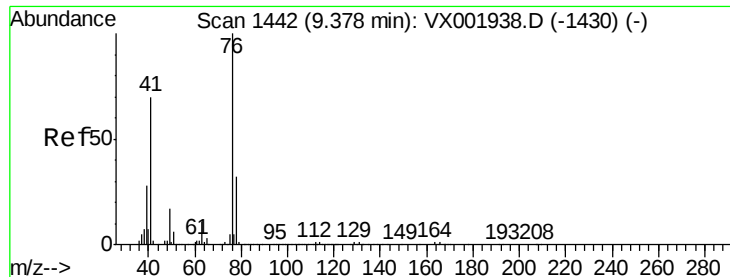


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.79 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

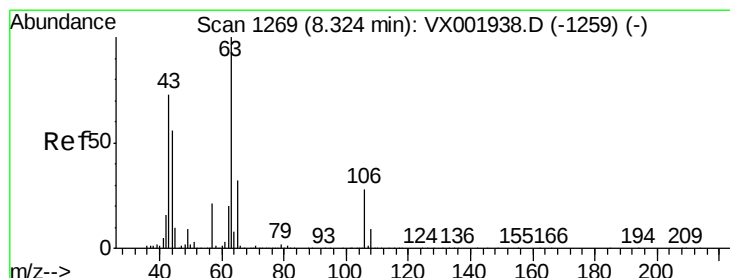
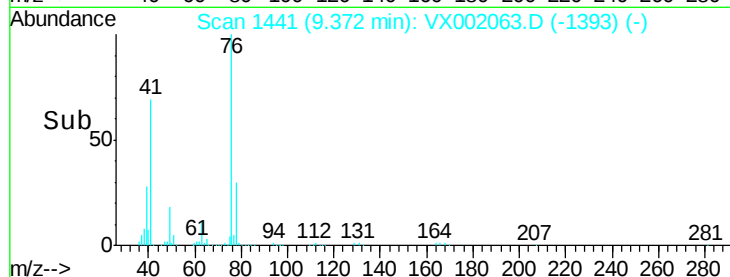
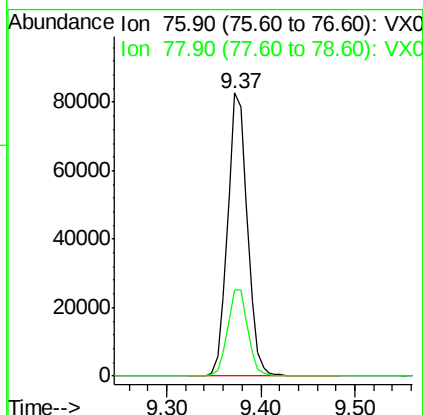
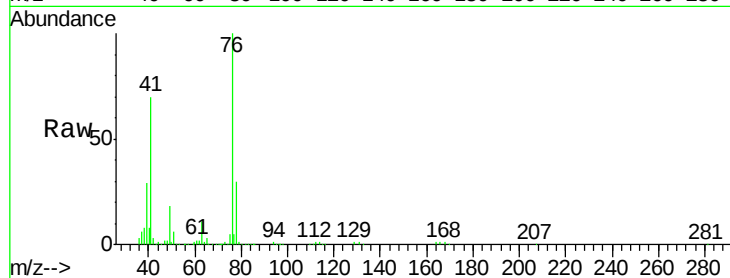
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 120480

Ion Ratio Lower Upper

76 100

78 31.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.16 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002063.D

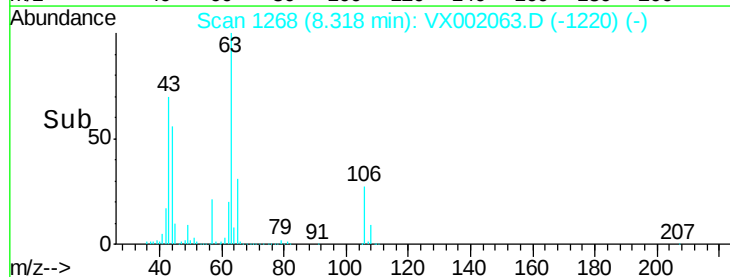
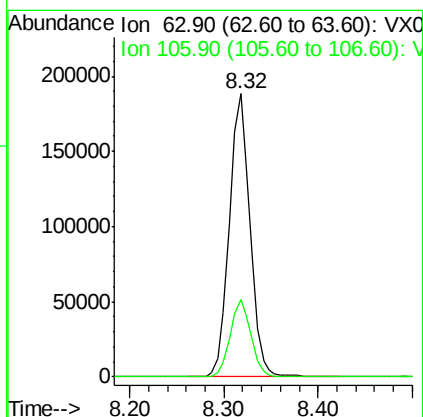
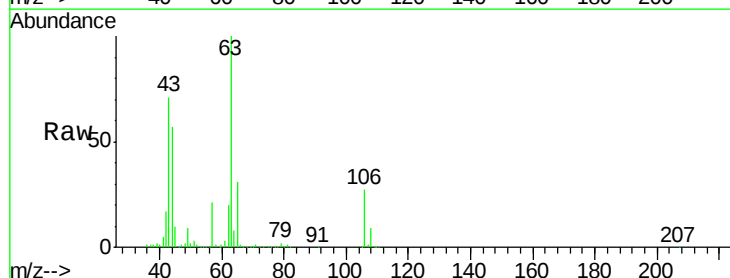
Acq: 27 May 2018 12:53

Tgt Ion: 63 Resp: 287869

Ion Ratio Lower Upper

63 100

106 27.4 21.7 32.5

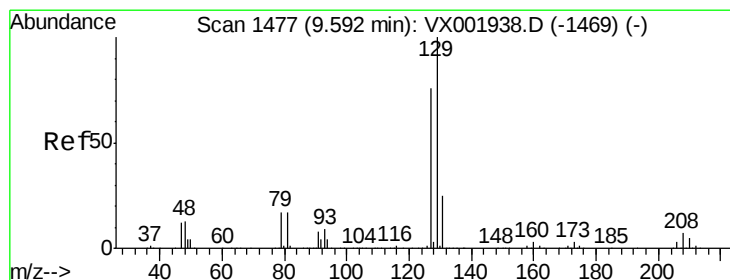
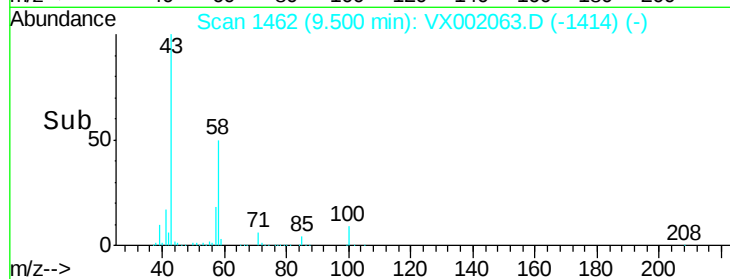
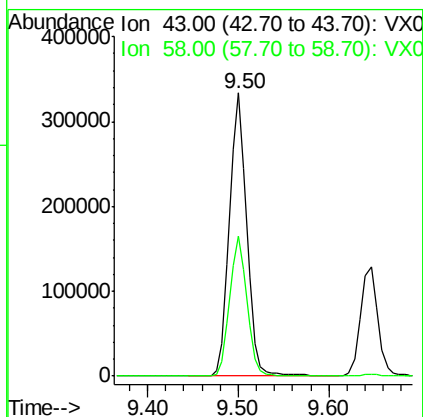
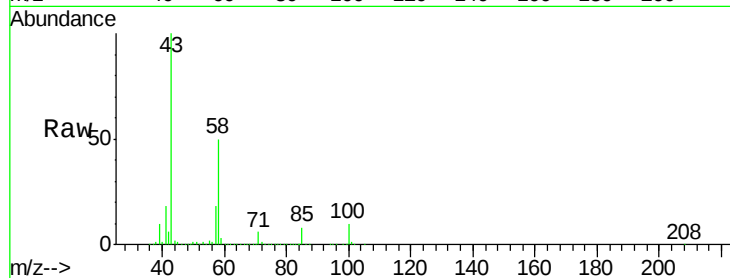




#59
2-Hexanone
Concen: 92.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

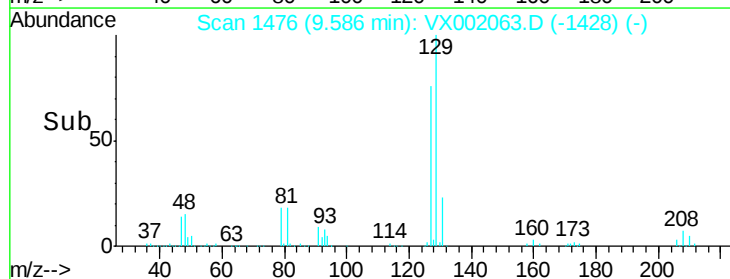
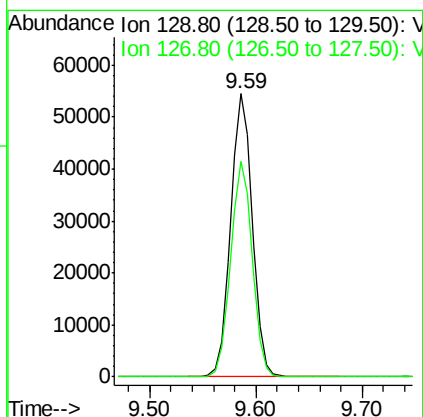
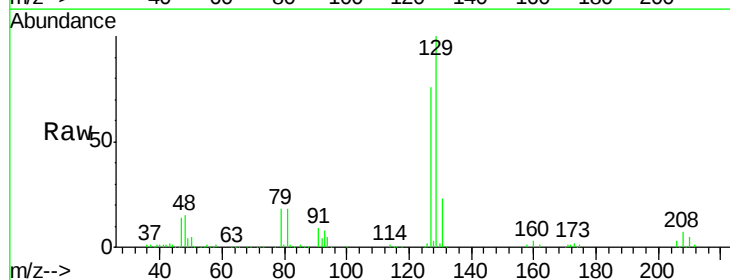
Instrument :
MSVOA_X
ClientSampleId :

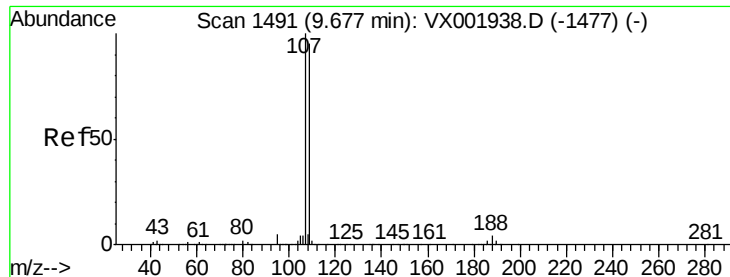
Tot Ion: 43 Resp: 443098
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6



#60
Dibromochloromethane
Concen: 17.81 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion: 129 Resp: 77949
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

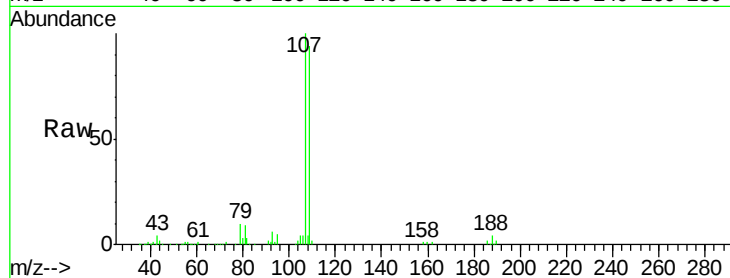
ClientSampleId :

Tot Ion:107 Resp: 74807

Ion Ratio Lower Upper

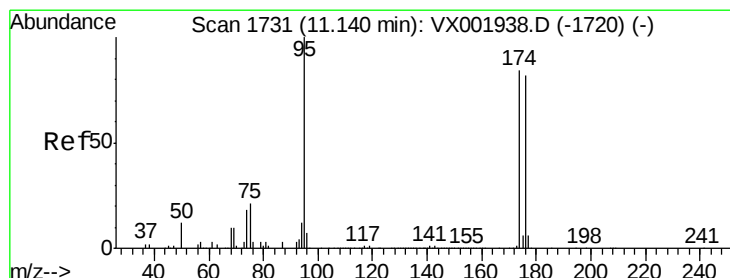
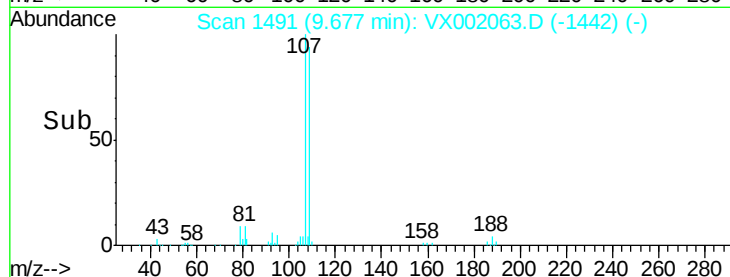
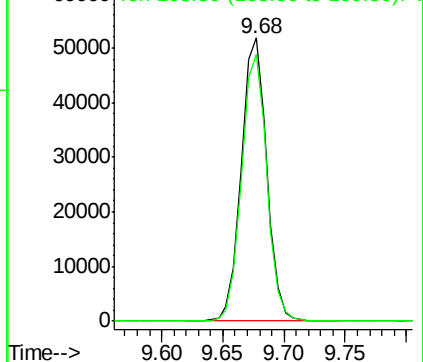
107 100

109 93.7 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: 46.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

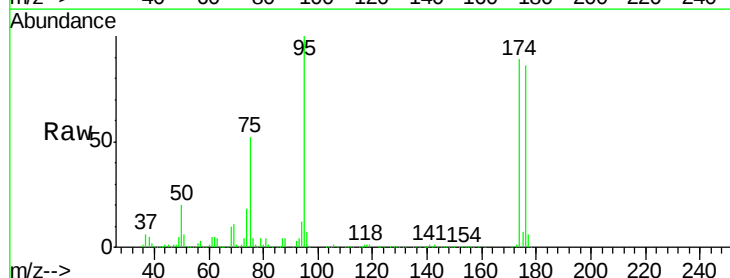
Tgt Ion: 95 Resp: 226247

Ion Ratio Lower Upper

95 100

174 93.4 0.0 178.8

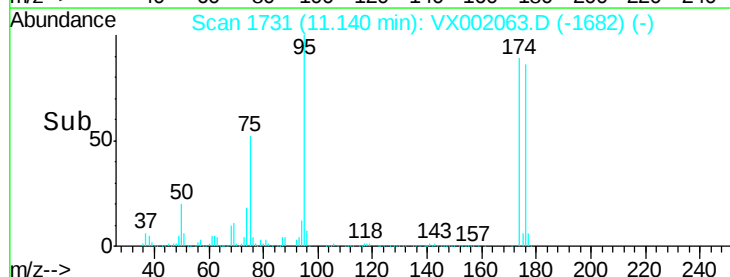
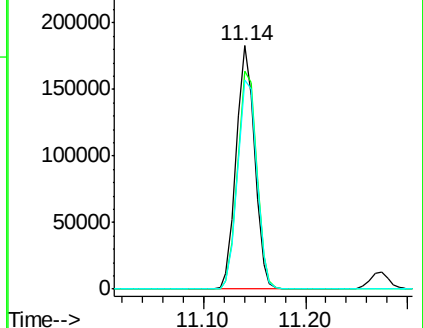
176 90.4 0.0 175.6



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: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

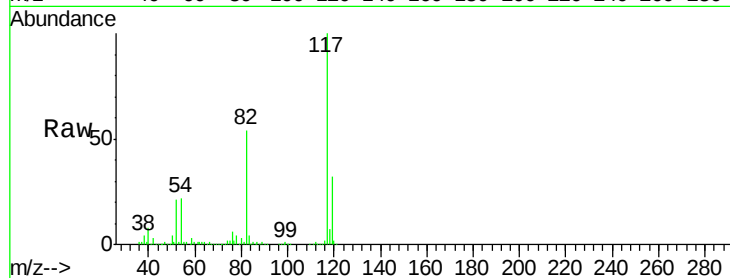
Tot Ion:117 Resp: 318114

Ion Ratio Lower Upper

117 100

82 54.3 44.8 67.2

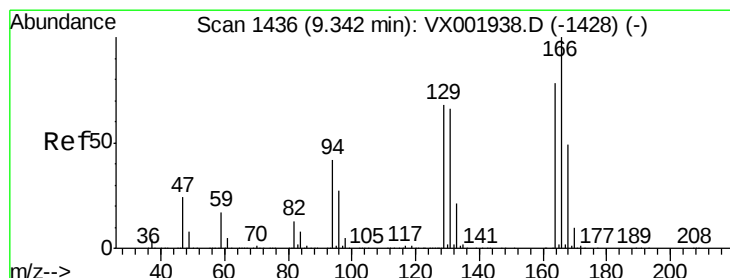
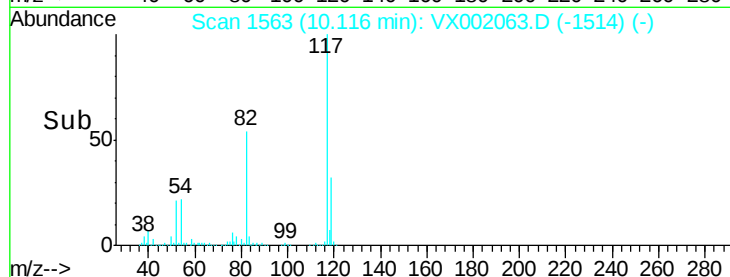
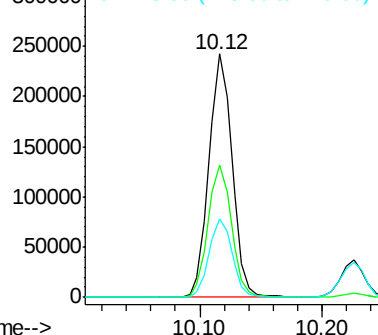
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.81 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Tgt Ion:164 Resp: 90350

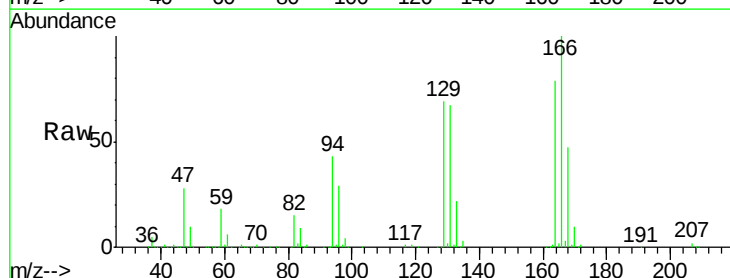
Ion Ratio Lower Upper

164 100

166 127.1 102.7 154.1

129 87.9 70.3 105.5

131 85.4 68.2 102.4

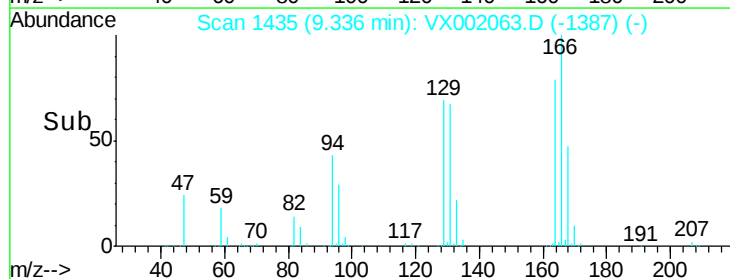
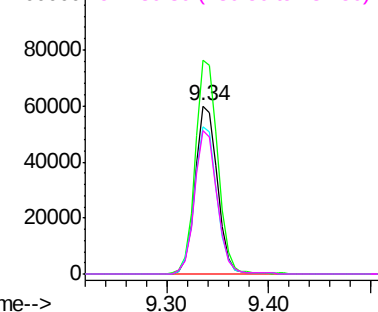


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.44 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

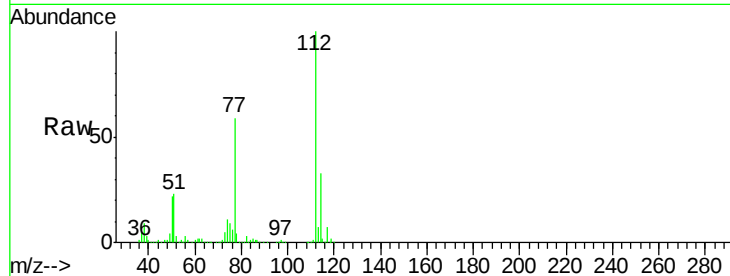
ClientSampleId :

Tot Ion:112 Resp: 195971

Ion Ratio Lower Upper

112 100

114 33.1 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

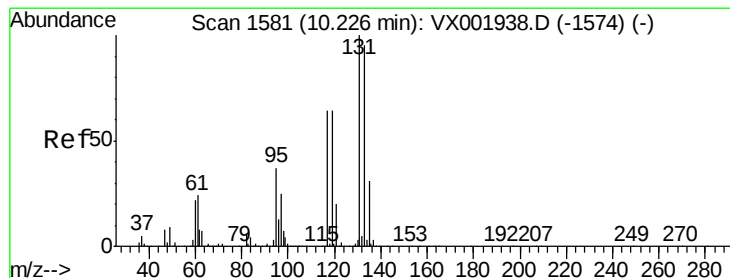
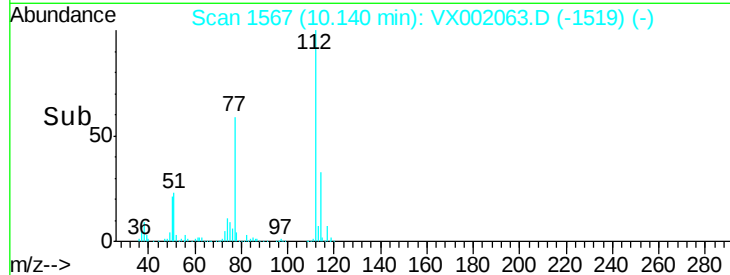
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.44 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

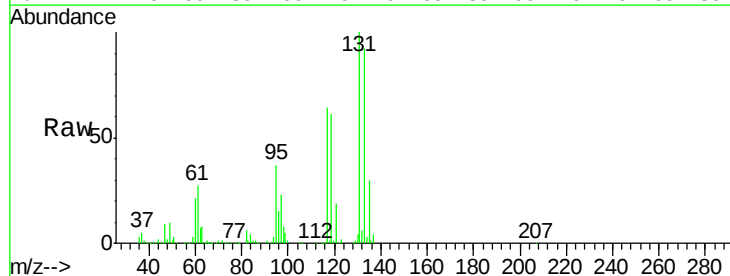
Tgt Ion:131 Resp: 75042

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.0

119 64.0 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

80000

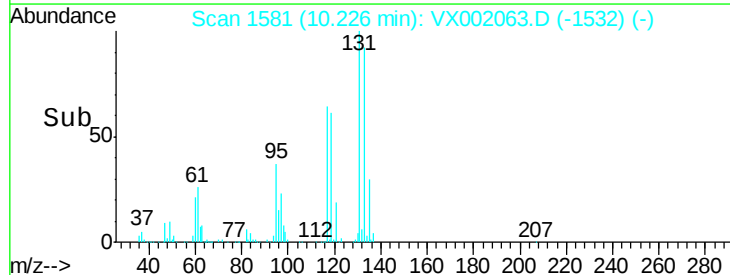
60000

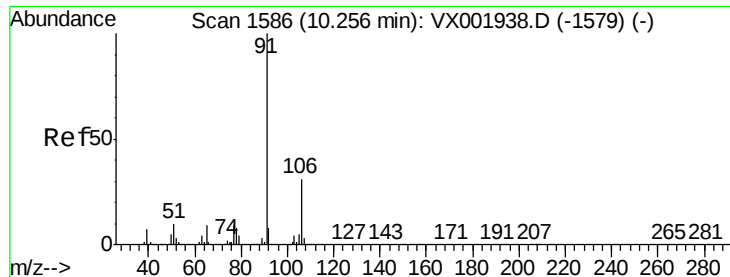
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 19.42 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

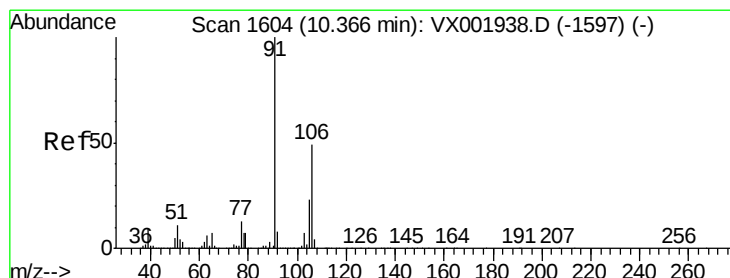
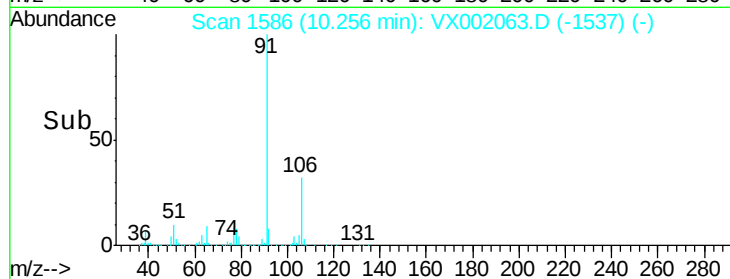
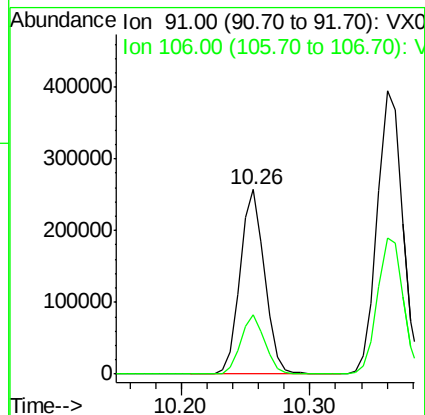
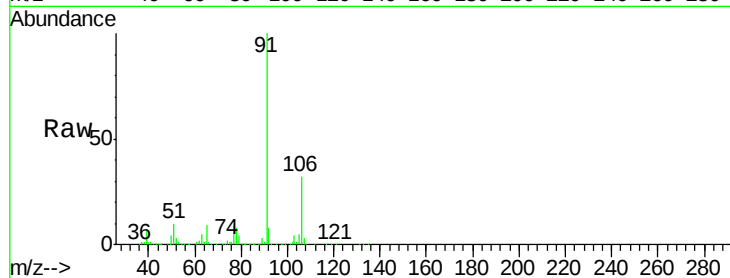
ClientSampleId :

Tot Ion: 91 Resp: 340047

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.6



#68

m/p-Xylenes

Concen: 39.08 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002063.D

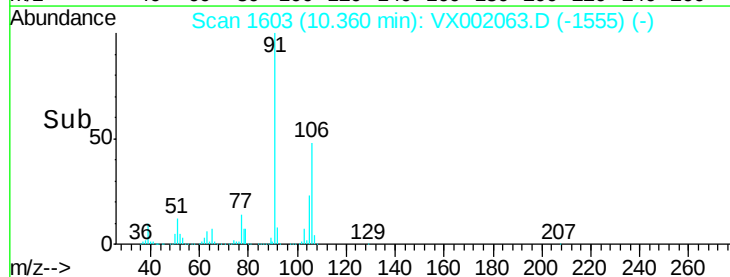
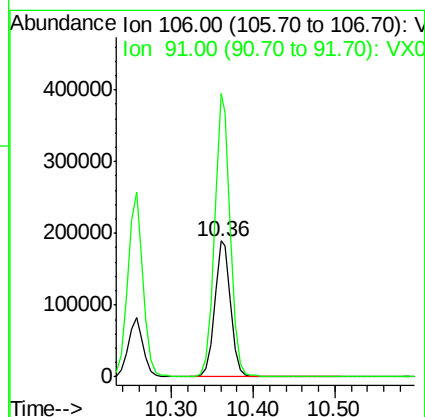
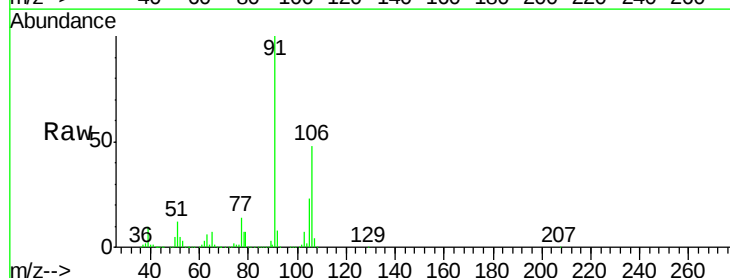
Acq: 27 May 2018 12:53

Tgt Ion: 106 Resp: 261585

Ion Ratio Lower Upper

106 100

91 204.3 165.0 247.6

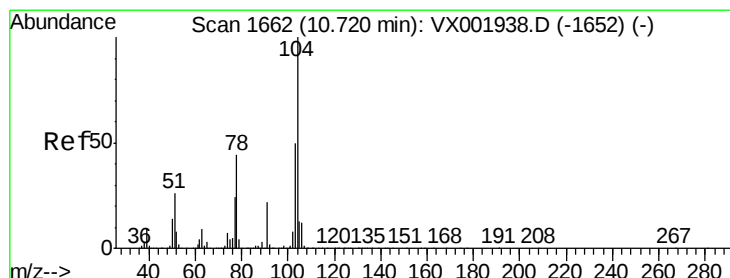
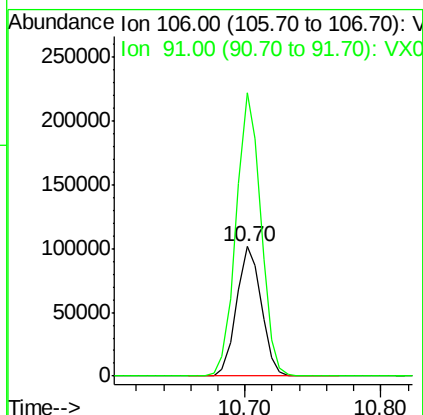
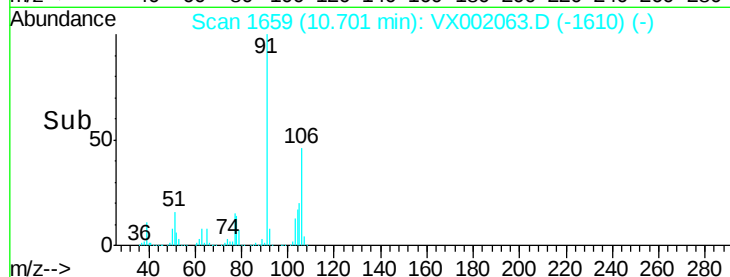
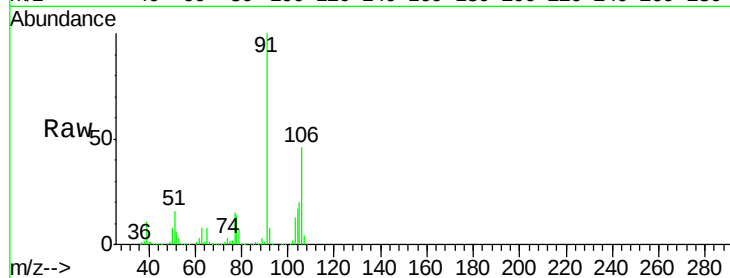




#69
o-Xylene
Concen: 19.34 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

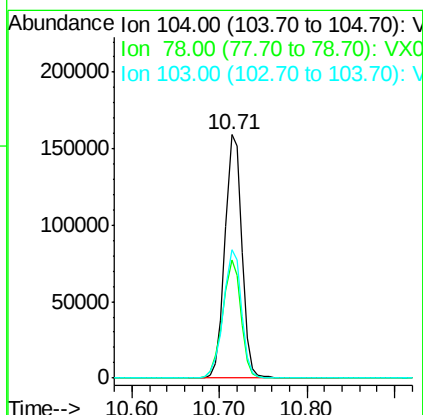
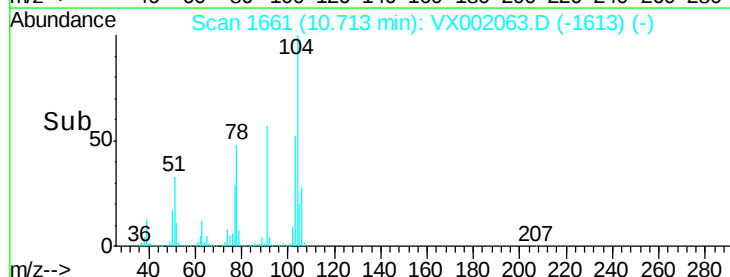
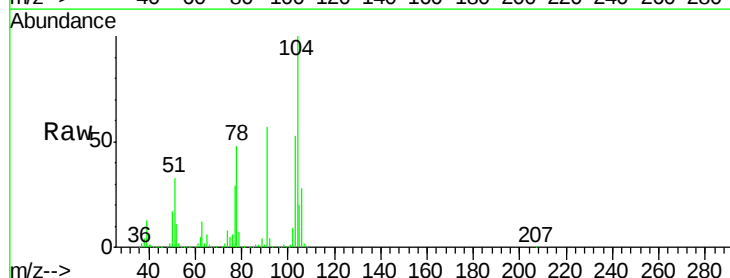
Instrument :
MSVOA_X
ClientSampled :

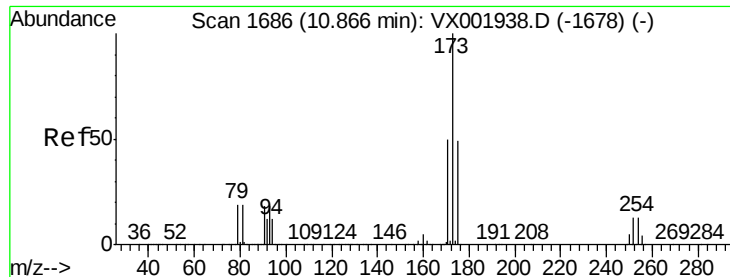
Tot Ion:106 Resp: 129252
Ion Ratio Lower Upper
106 100
91 218.1 108.7 325.9



#70
Styrene
Concen: 19.16 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002063.D
Acq: 27 May 2018 12:53

Tgt Ion:104 Resp: 212418
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 56.4 44.6 67.0





#71

Bromoform

Concen: 16.13 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

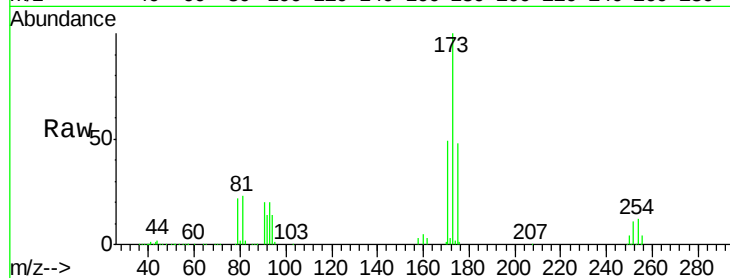
Tot Ion:173 Resp: 62261

Ion Ratio Lower Upper

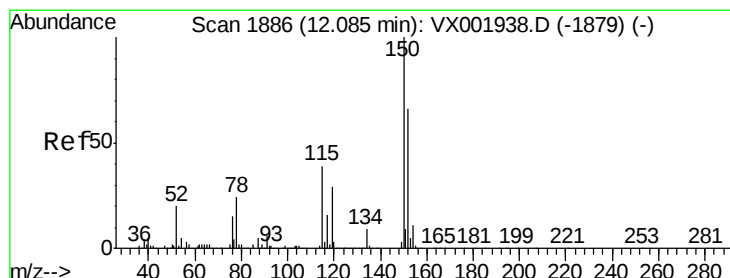
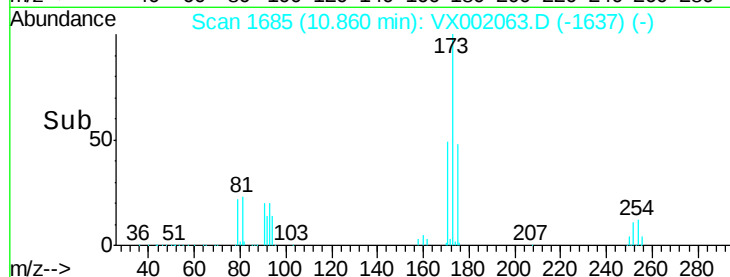
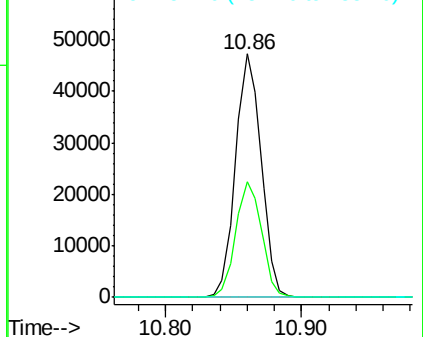
173 100

175 48.0 24.3 72.9

254 0.2 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: VX002063.D

Acq: 27 May 2018 12:53

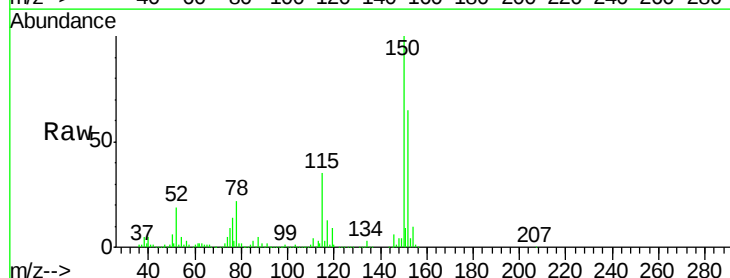
Tgt Ion:152 Resp: 214684

Ion Ratio Lower Upper

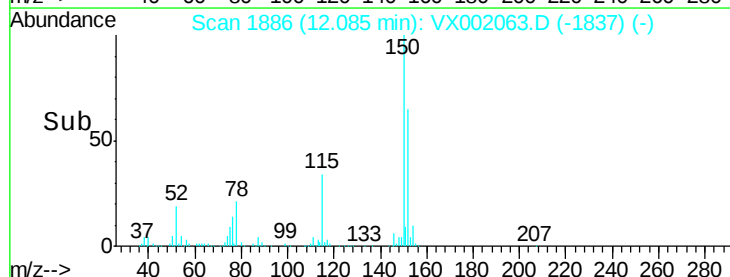
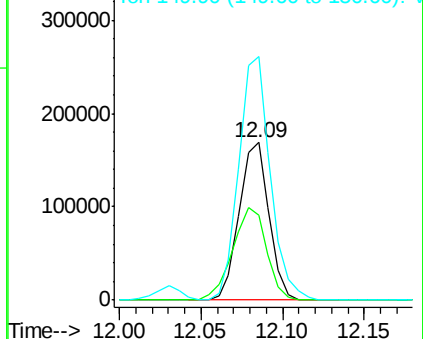
152 100

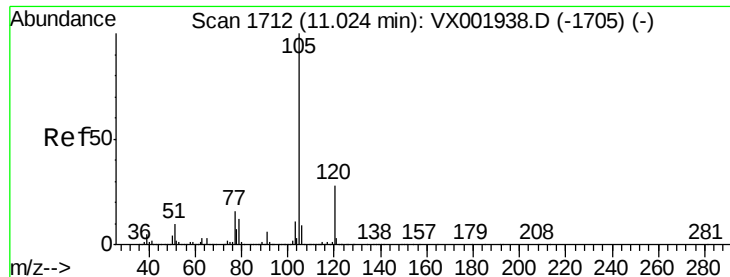
115 66.7 42.3 126.8

150 163.8 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: 19.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

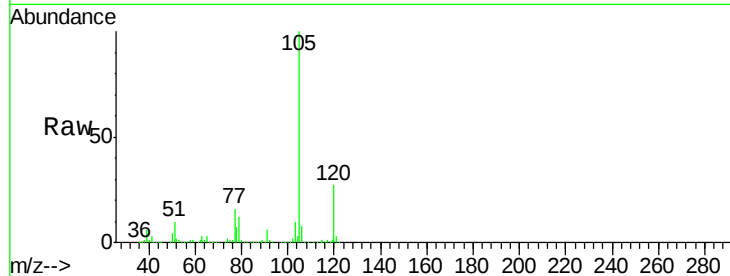
ClientSampleId :

Tot Ion:105 Resp: 350046

Ion Ratio Lower Upper

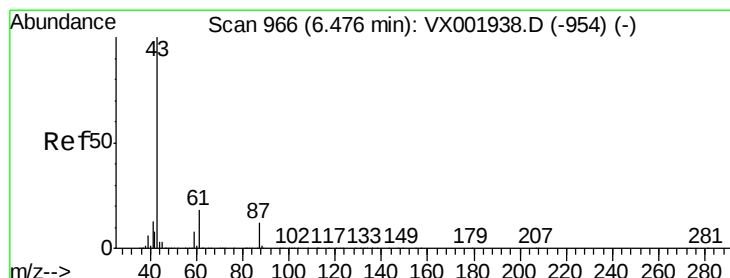
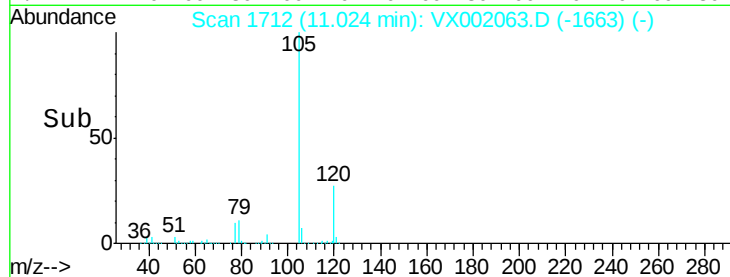
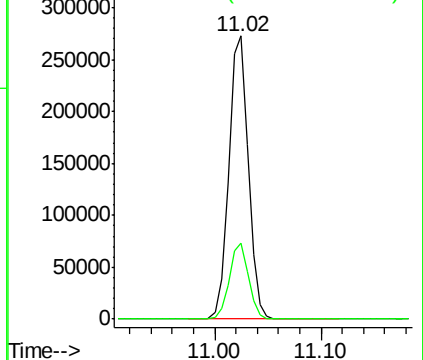
105 100

120 26.5 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: 17.91 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Tgt Ion: 43 Resp: 187979

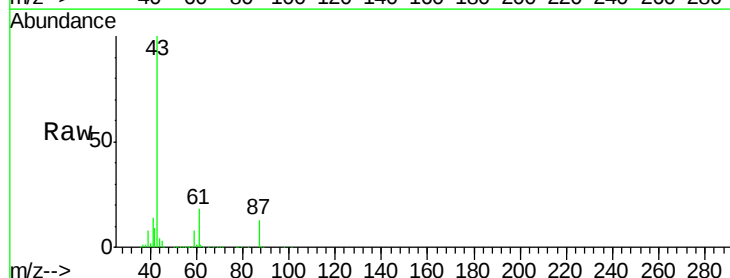
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 17.6 14.5 21.7

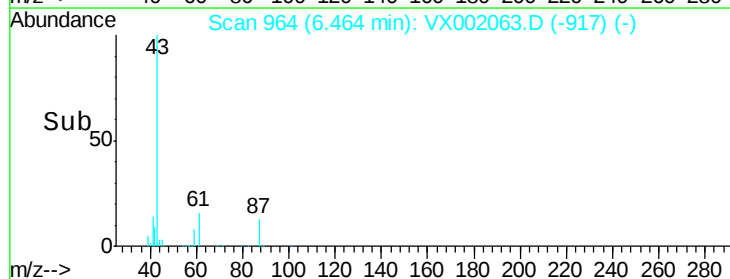
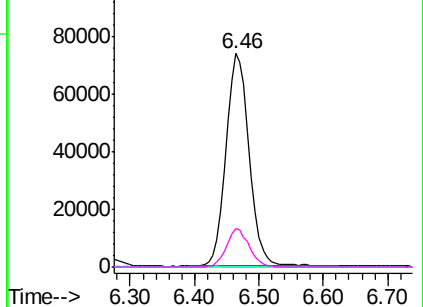


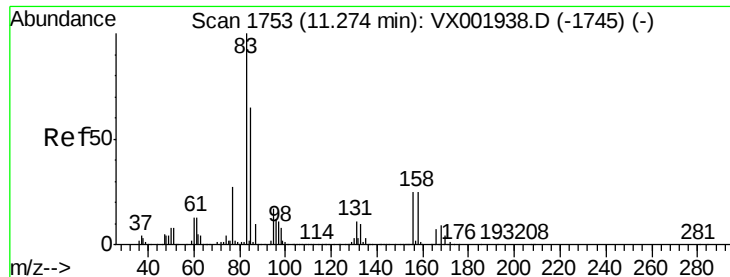
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

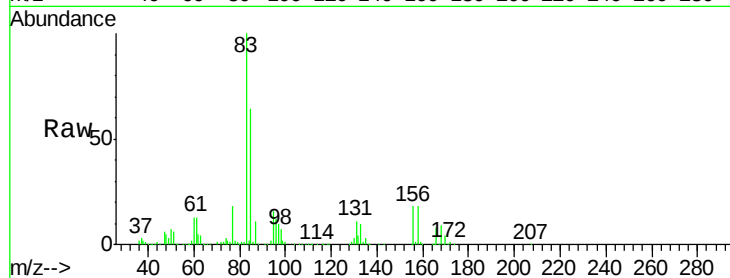
Tot Ion: 83 Resp: 101455

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

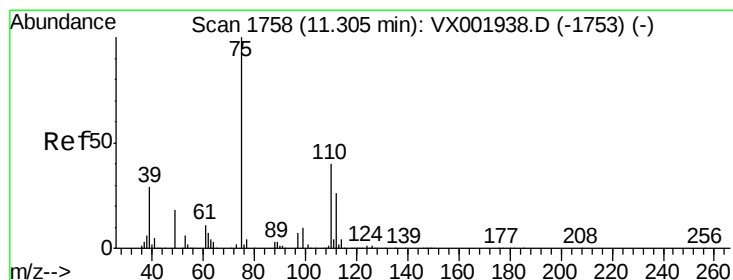
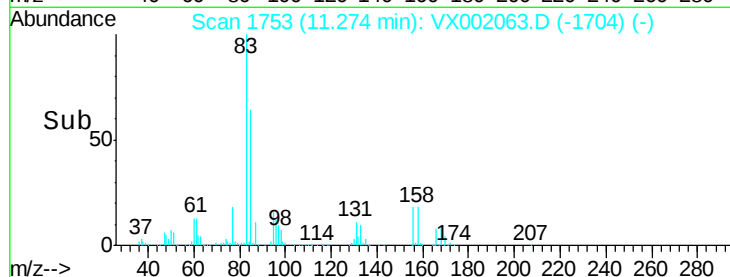
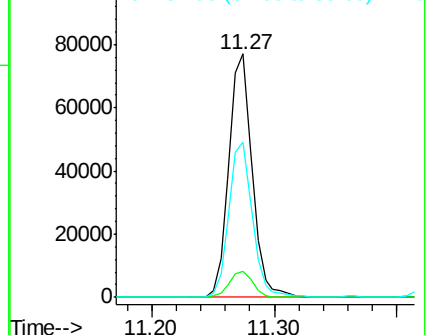
85 64.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.26 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002063.D

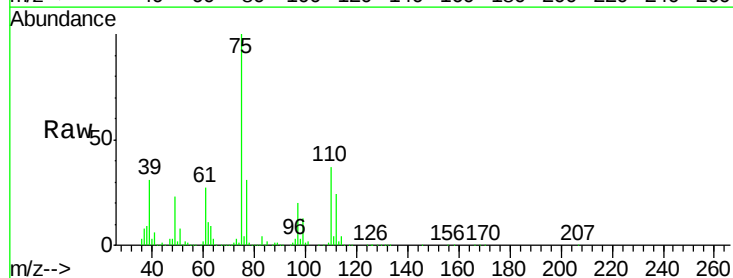
Acq: 27 May 2018 12:53

Tgt Ion: 75 Resp: 109628

Ion Ratio Lower Upper

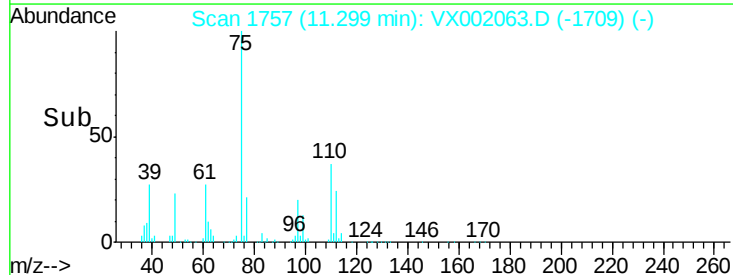
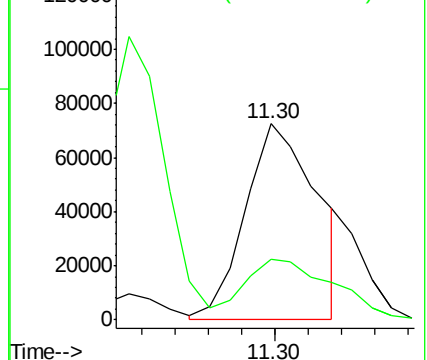
75 100

77 38.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.37 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

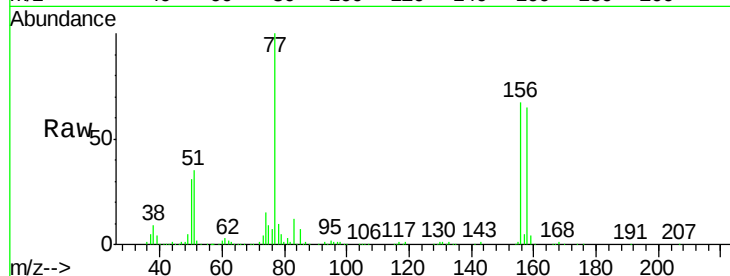
Tot Ion:156 Resp: 93410

Ion Ratio Lower Upper

156 100

77 143.0 75.2 225.6

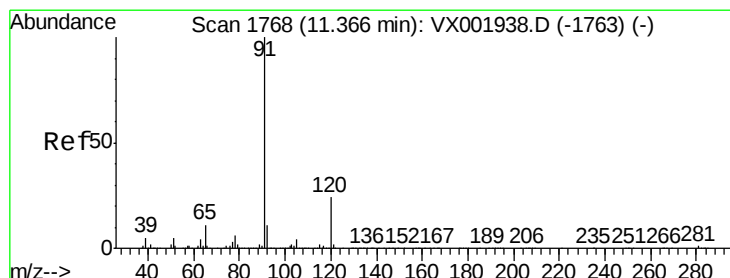
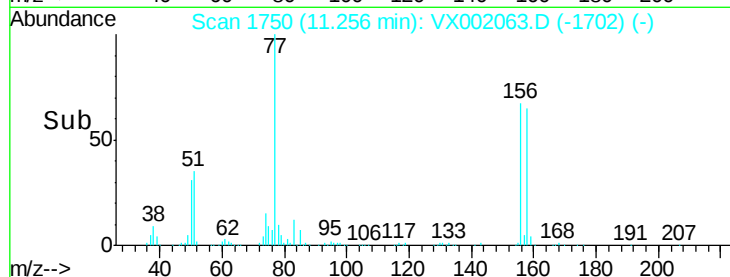
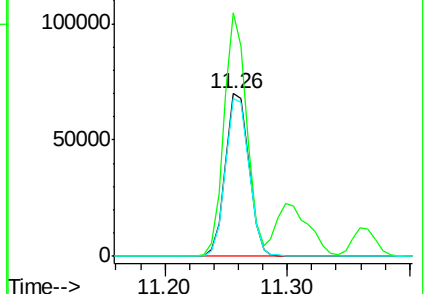
158 97.1 48.6 145.8



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: 19.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002063.D

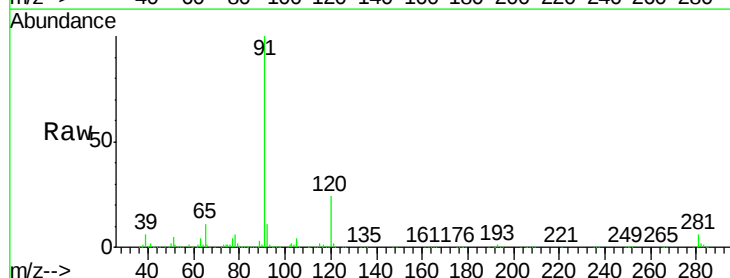
Acq: 27 May 2018 12:53

Tgt Ion: 91 Resp: 392314

Ion Ratio Lower Upper

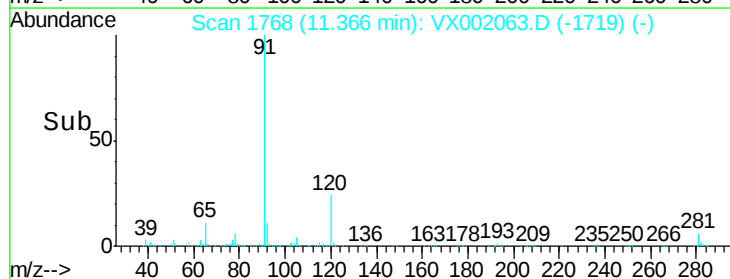
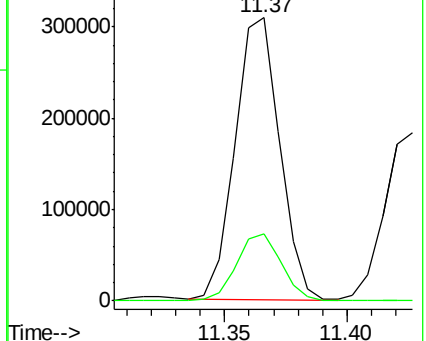
91 100

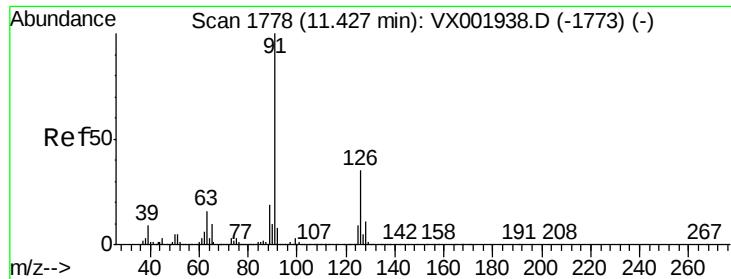
120 24.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

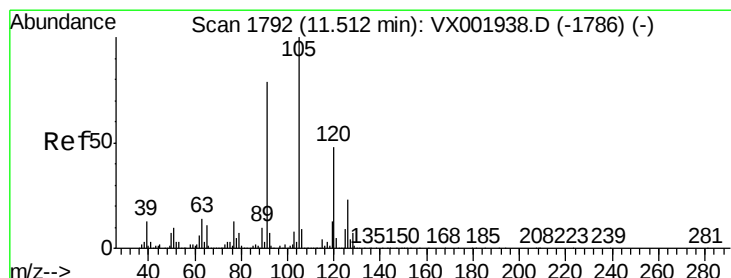
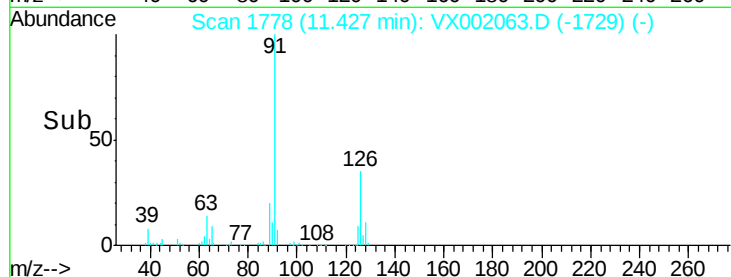
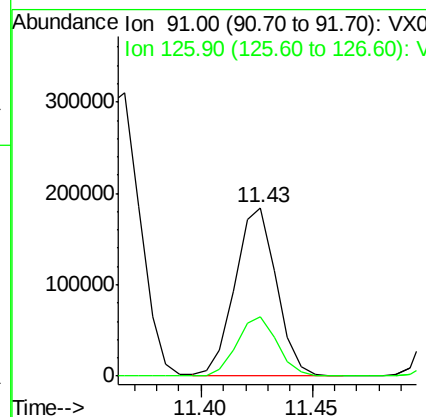
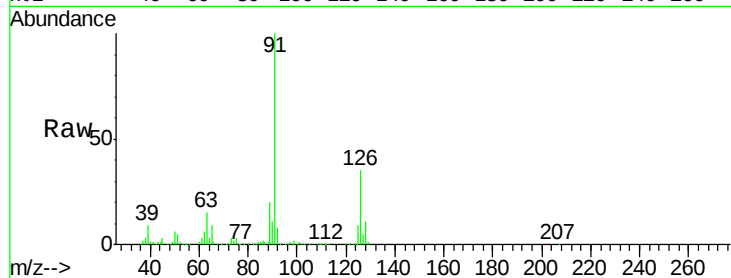




#79
 2-Chlorotoluene
 Concen: 19.79 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

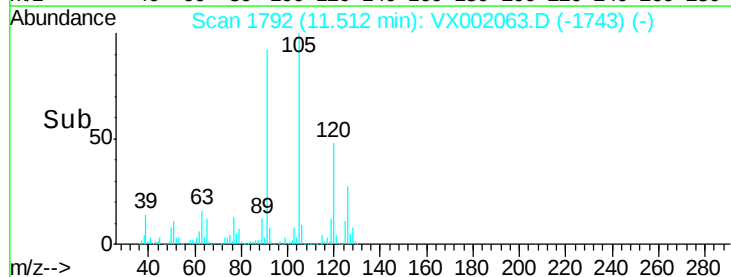
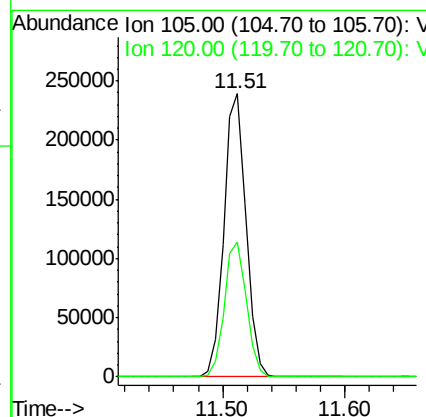
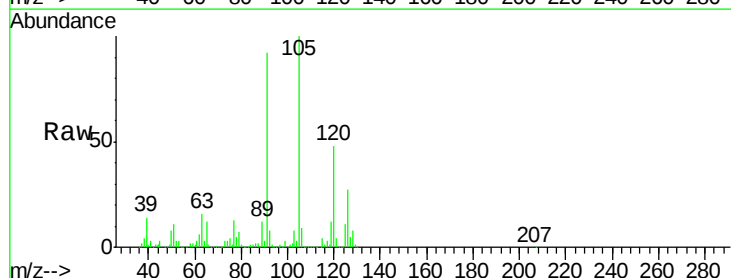
Instrument :
 MSVOA_X
 ClientSampleId :

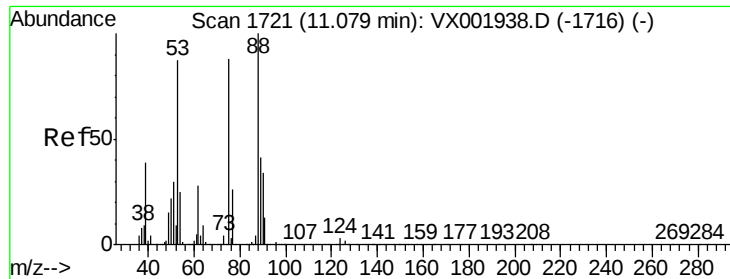
Tot Ion: 91 Resp: 236603
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.29 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion: 105 Resp: 299669
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.78 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampled :

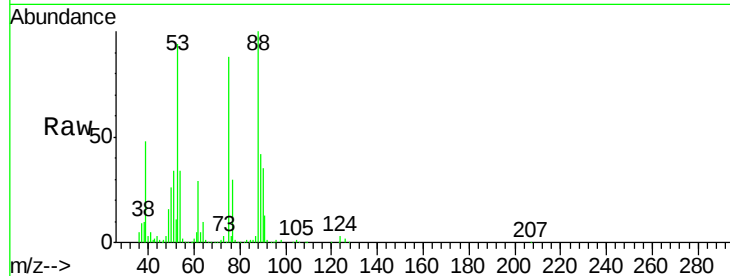
Tot Ion: 75 Resp: 33852

Ion Ratio Lower Upper

75 100

53 104.8 78.0 117.0

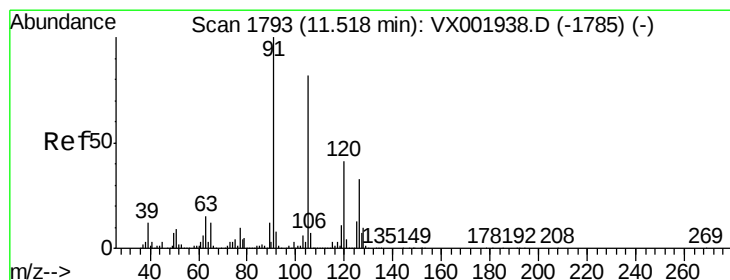
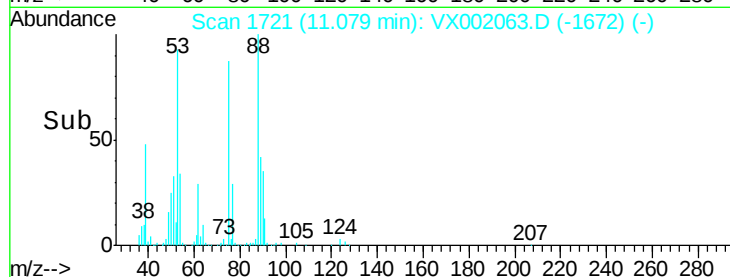
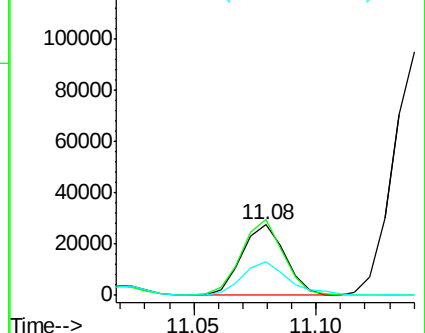
89 52.2 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.23 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002063.D

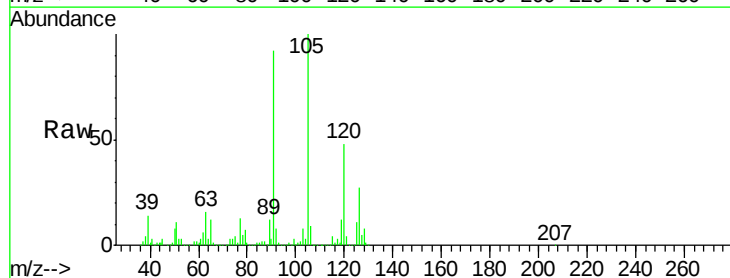
Acq: 27 May 2018 12:53

Tgt Ion: 91 Resp: 276100

Ion Ratio Lower Upper

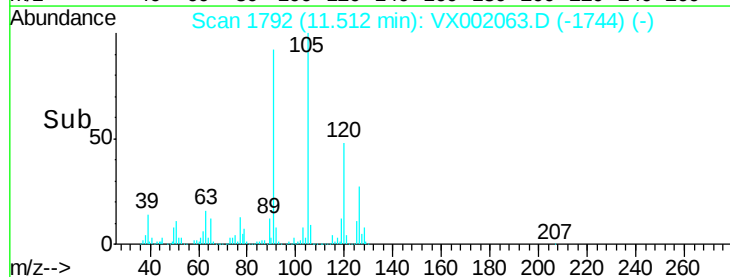
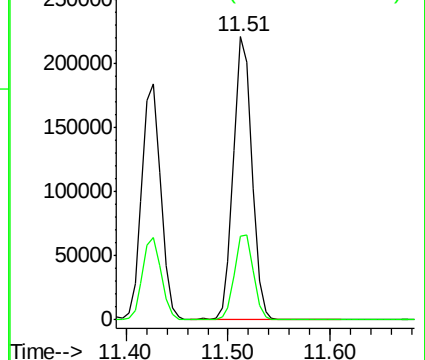
91 100

126 30.6 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.07 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampled :

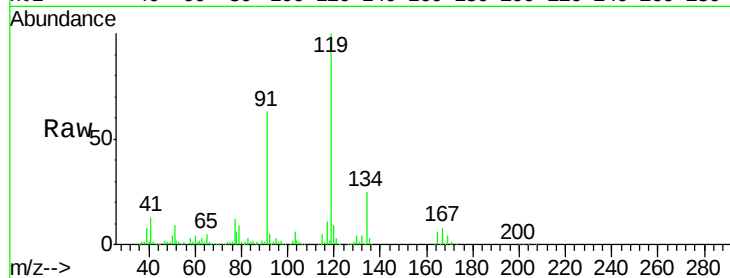
Tot Ion:119 Resp: 290717

Ion Ratio Lower Upper

119 100

91 61.3 30.6 91.8

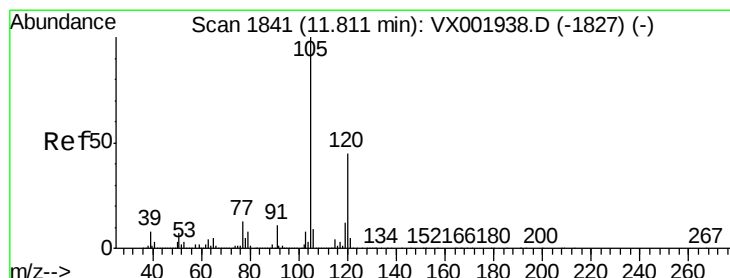
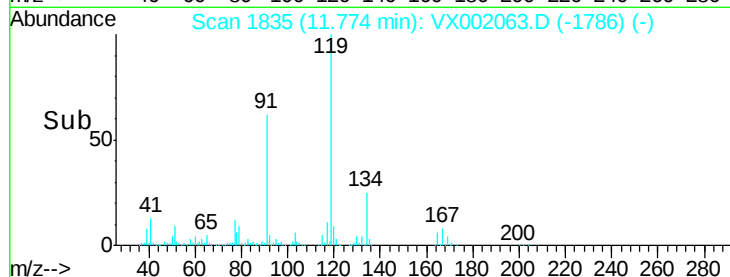
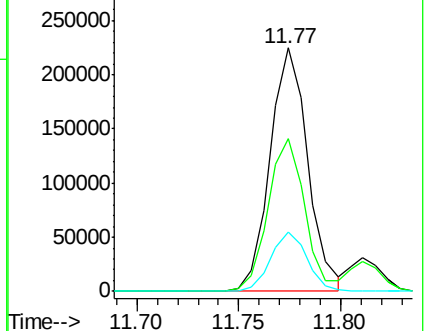
134 23.6 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.11 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002063.D

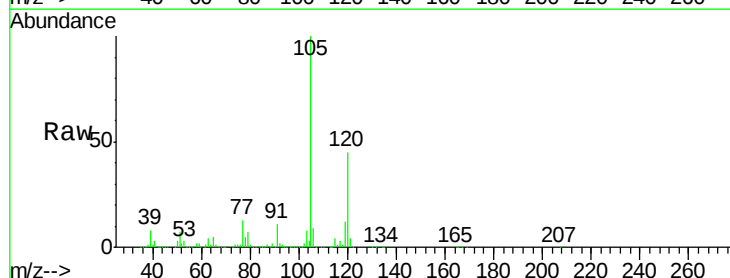
Acq: 27 May 2018 12:53

Tgt Ion:105 Resp: 306767

Ion Ratio Lower Upper

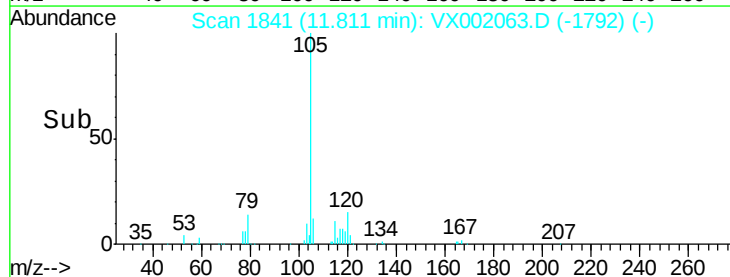
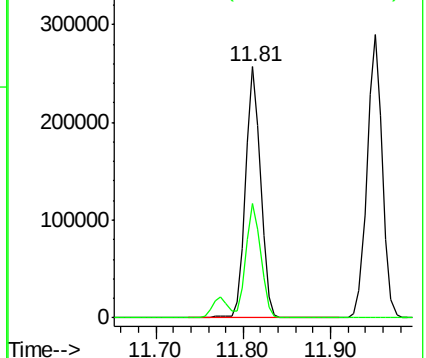
105 100

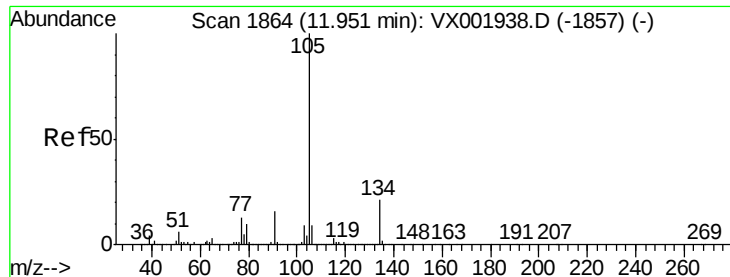
120 45.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

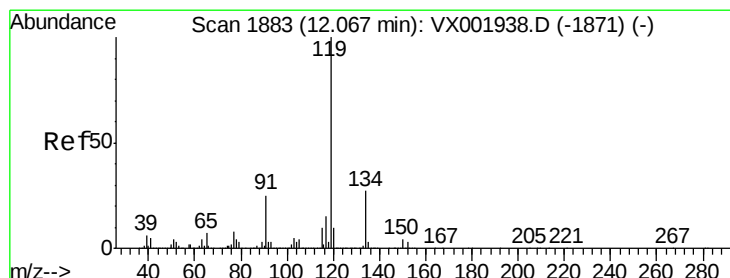
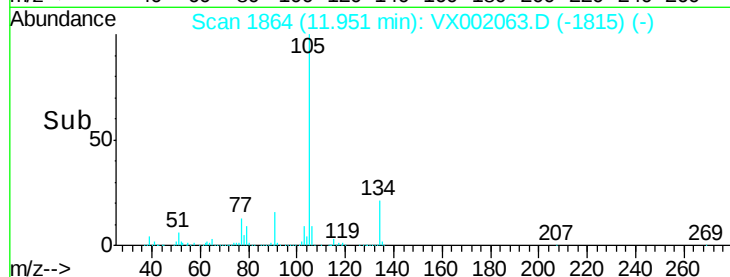
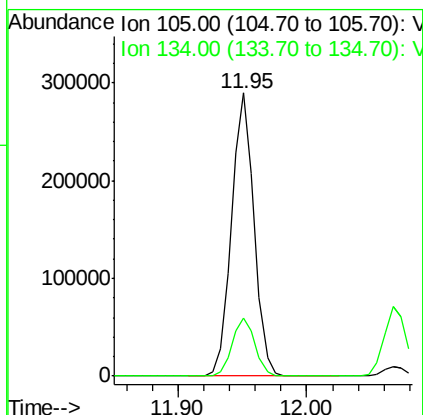
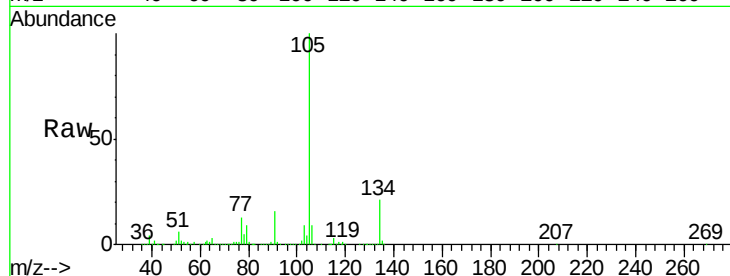




#85
 sec-Butylbenzene
 Concen: 19.30 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

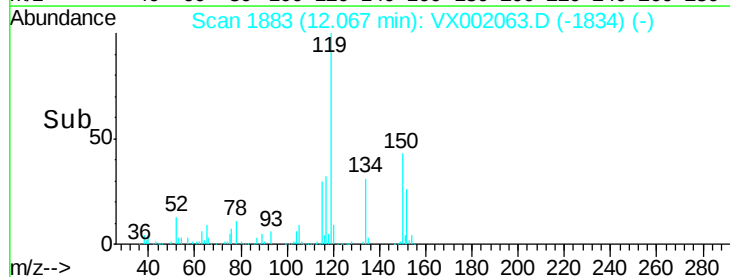
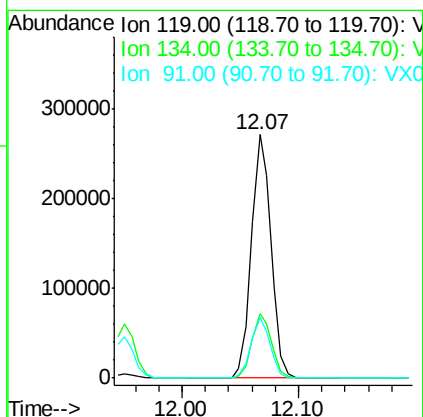
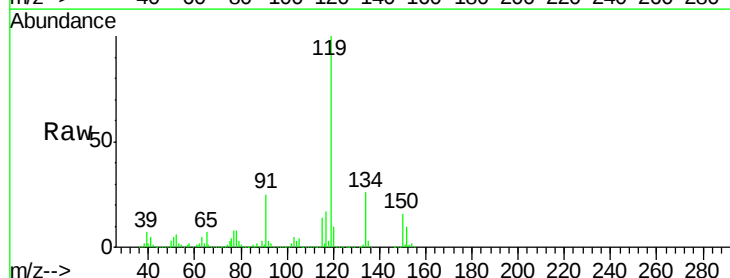
Instrument :
 MSVOA_X
 ClientSampleId :

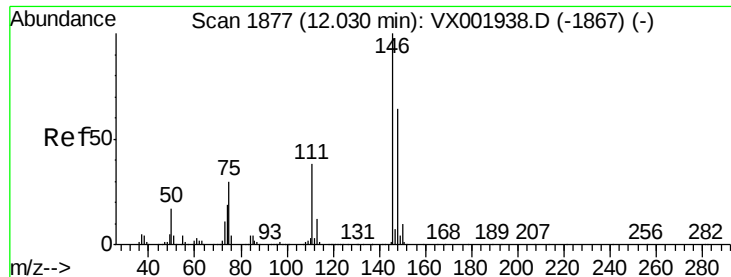
Tot Ion:105 Resp: 353681
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.47 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion:119 Resp: 319225
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.8
 91 24.3 12.2 36.4

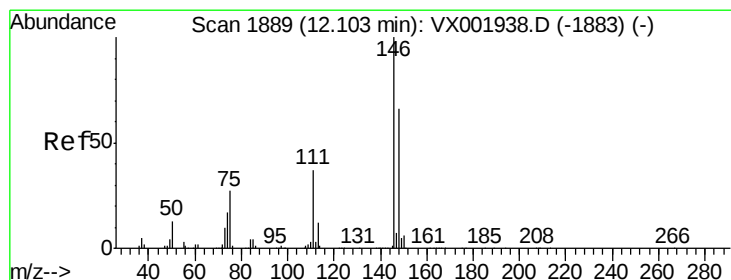
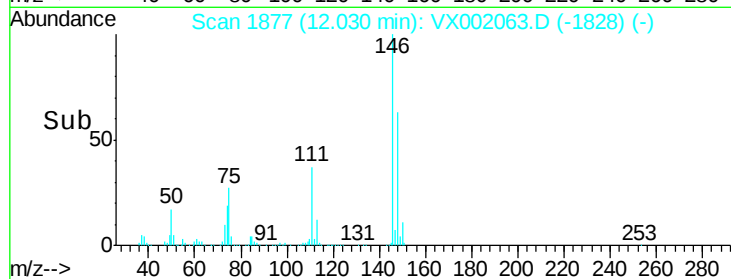
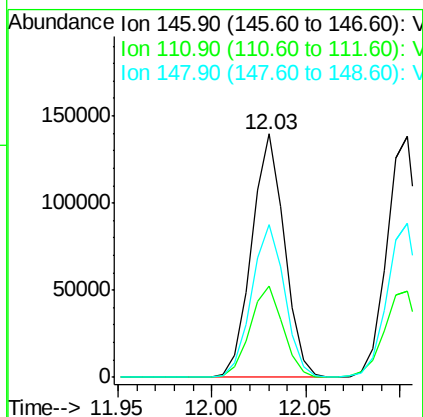
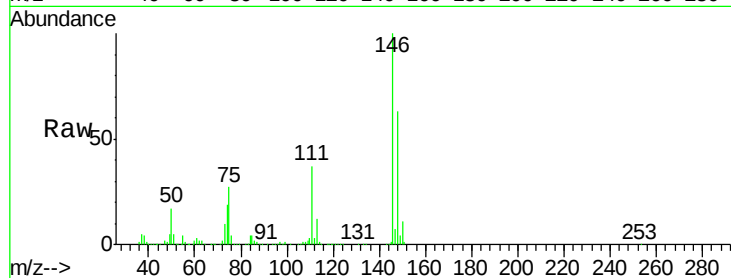




#87
 1,3-Dichlorobenzene
 Concen: 19.51 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

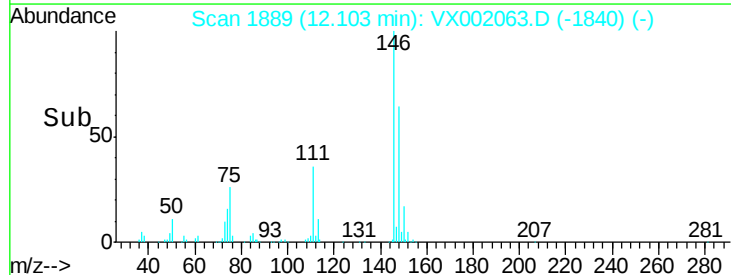
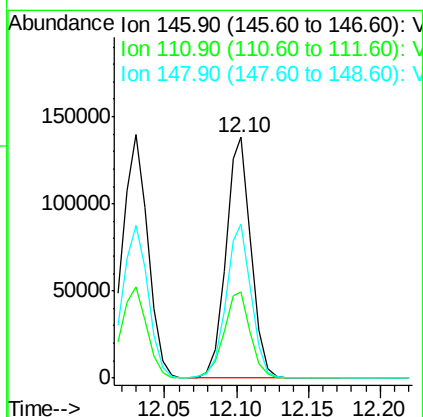
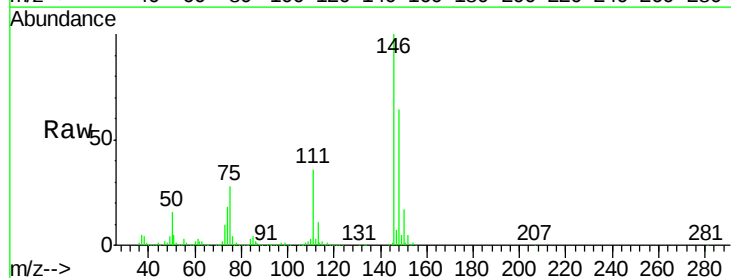
Instrument :
 MSVOA_X
 ClientSampleId :

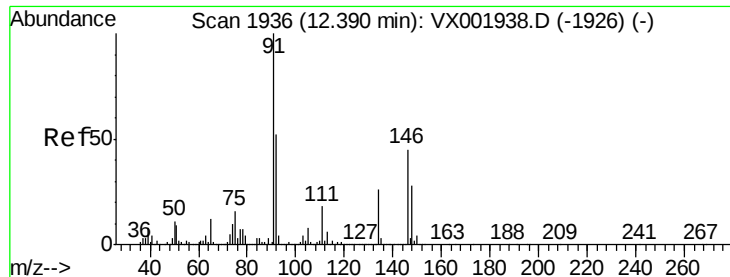
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.8
148	63.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.55 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	64.1	32.3	96.8





#89

n-Butylbenzene

Concen: 19.50 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

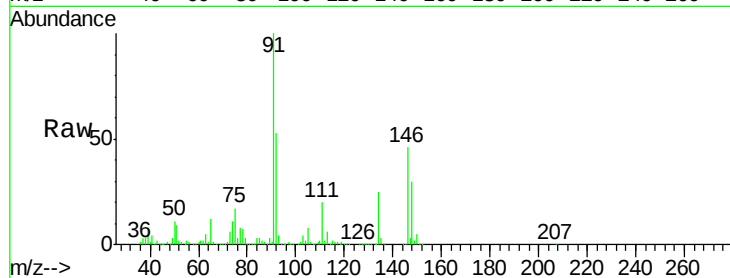
Tot Ion: 91 Resp: 270951

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 27.0 13.6 40.7

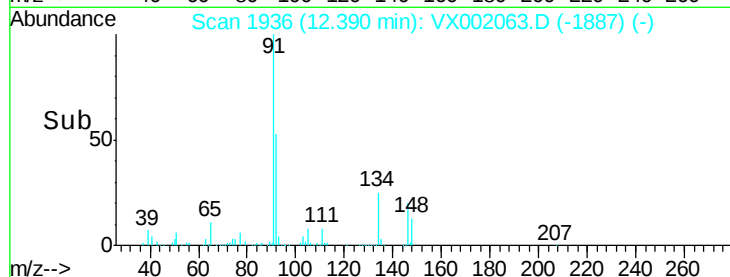


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

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

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

Time-->



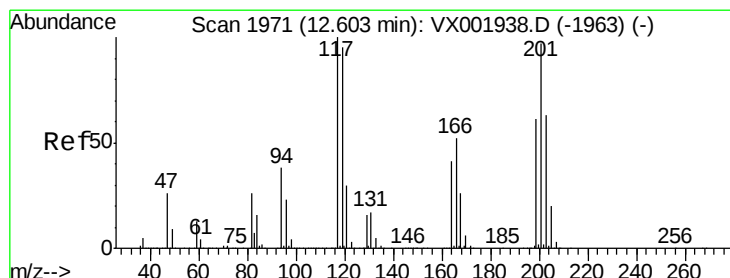
Abundance

Ion 91.00 (90.70 to 91.70): 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-->



#90

Hexachloroethane

Concen: 16.87 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002063.D

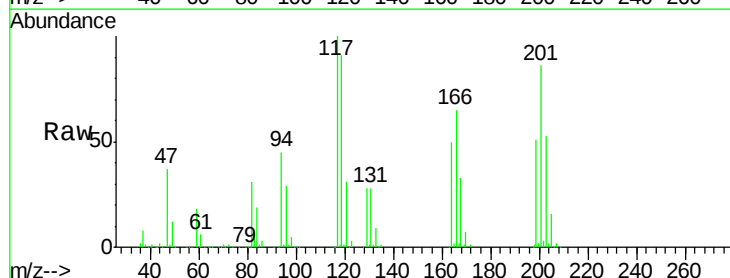
Acq: 27 May 2018 12:53

Tgt Ion: 117 Resp: 54560

Ion Ratio Lower Upper

117 100

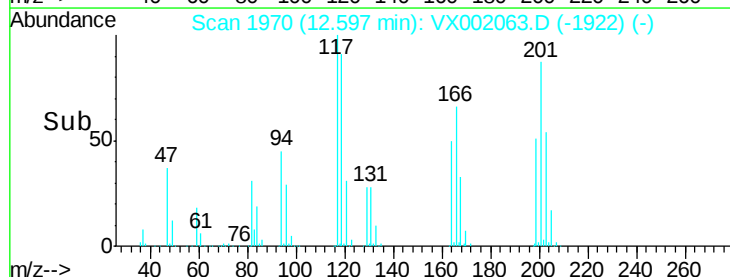
201 97.0 48.0 144.0



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

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

Time-->

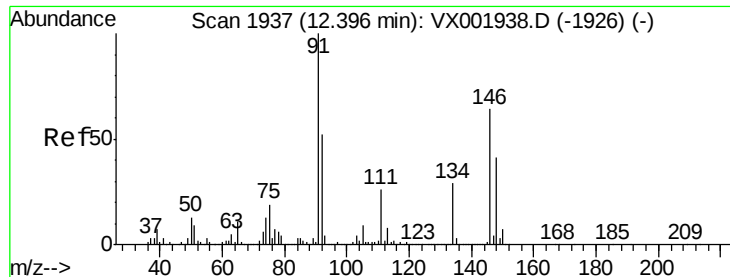


Abundance

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

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

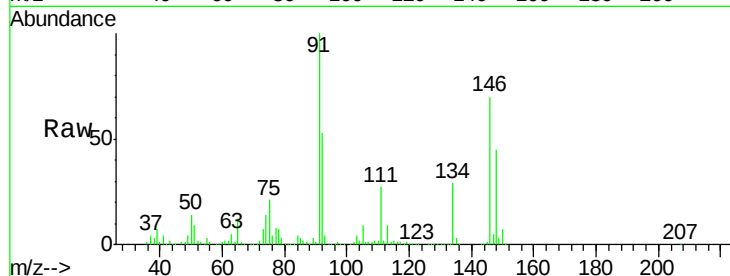
Time-->



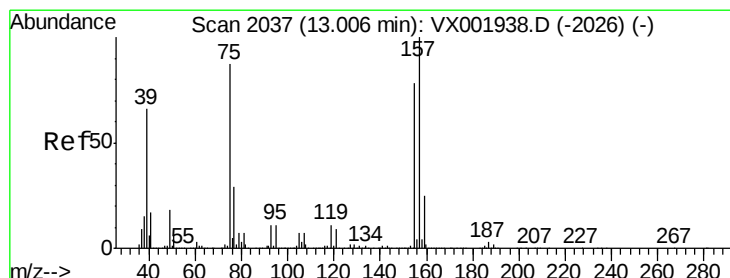
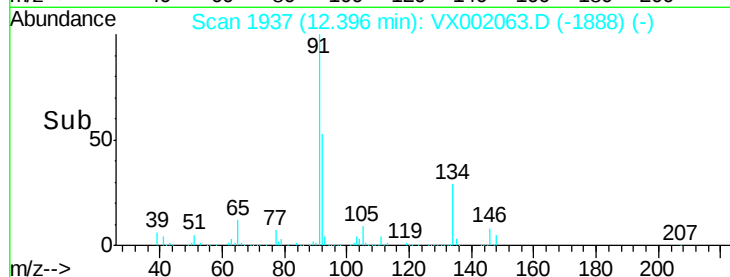
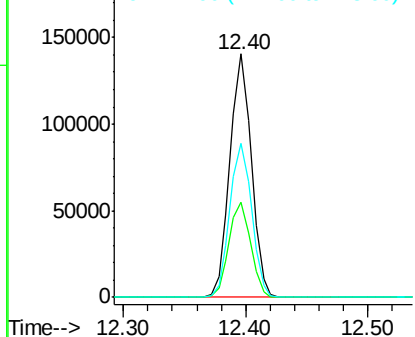
#91
 1,2-Dichlorobenzene
 Concen: 19.34 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.3
148	64.7	32.1	96.5

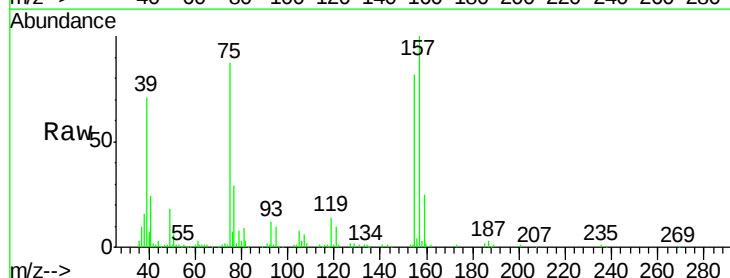


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

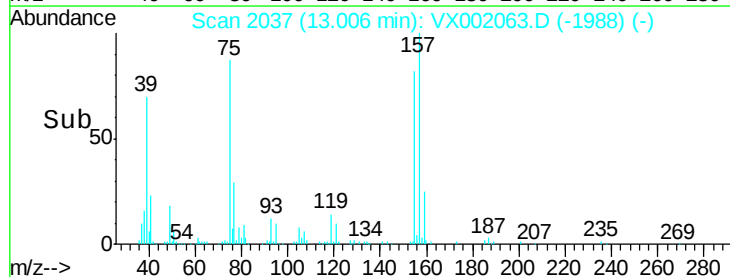
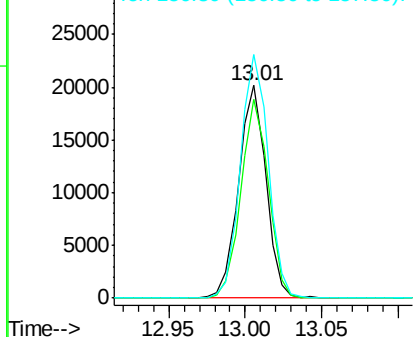


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.48 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	45.1	135.2
157	115.9	58.1	174.2



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

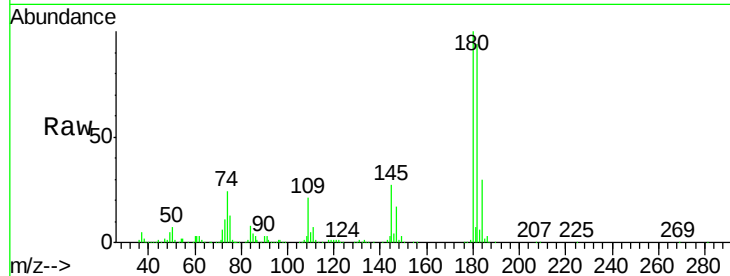




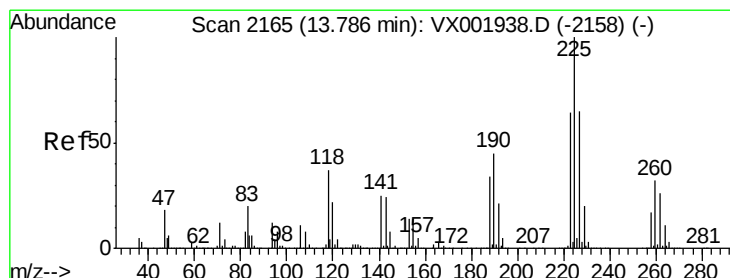
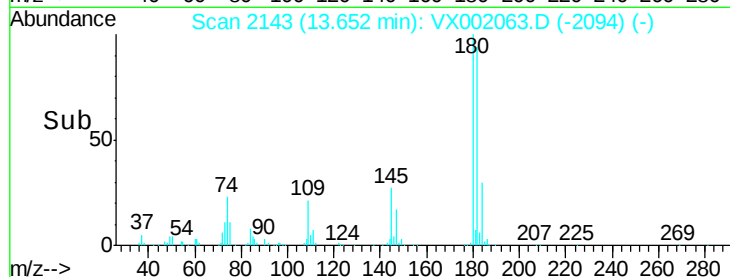
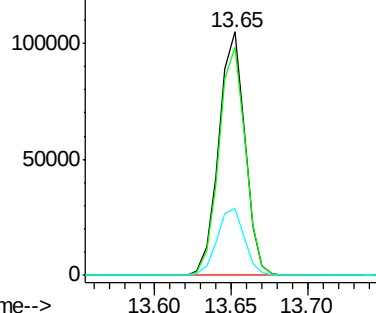
#93
 1,2,4-Trichlorobenzene
 Concen: 19.82 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 124741
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.7 143.1
 145 28.6 14.4 43.0

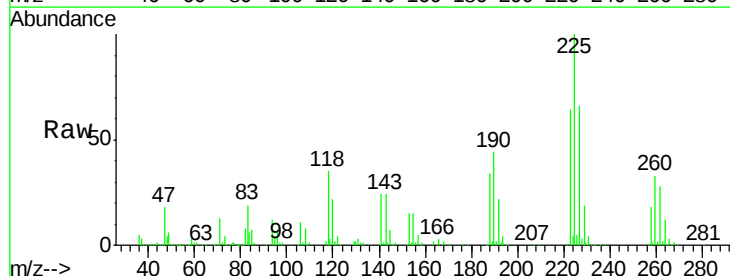


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

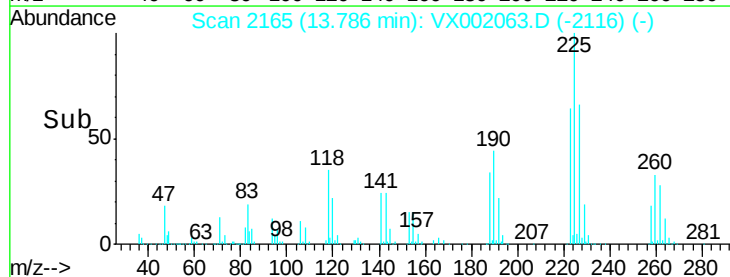
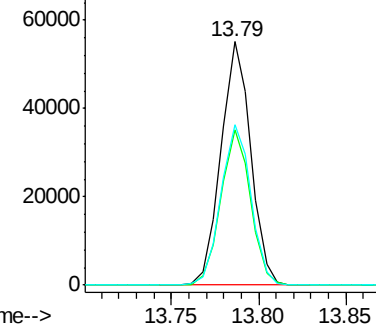


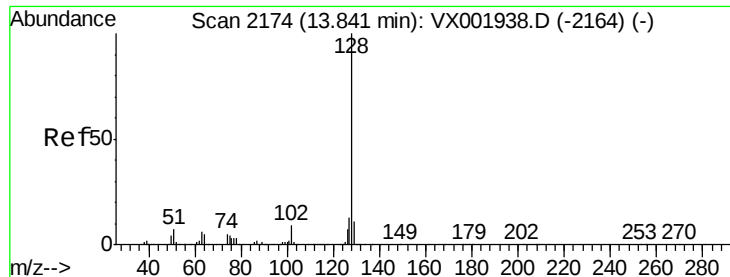
#94
 Hexachlorobutadiene
 Concen: 19.29 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002063.D
 Acq: 27 May 2018 12:53

Tgt Ion:225 Resp: 65301
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.5
 227 66.3 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

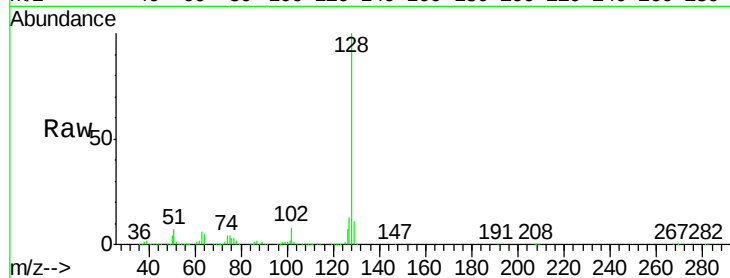
Tot Ion:128 Resp: 366255

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

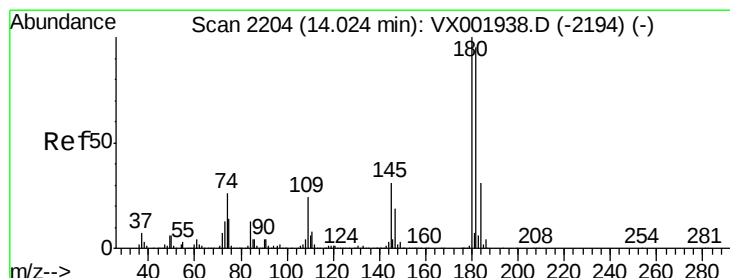
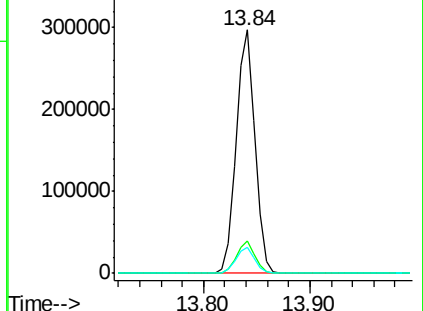
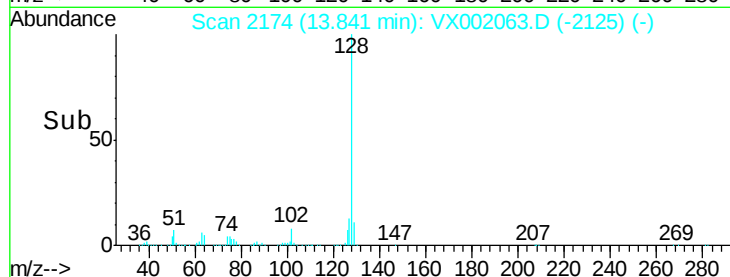
129 10.8 8.8 13.2



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: 19.58 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002063.D

Acq: 27 May 2018 12:53

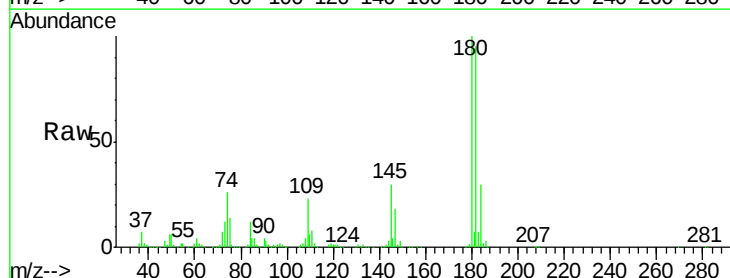
Tgt Ion:180 Resp: 127492

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 30.4 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

