

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002954.D
 Acq On : 28 Jun 2018 00:00
 Operator : JC/MD
 Sample : VX0627WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:02:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217626	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185846	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.51	113	147325	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.72	98	535501	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	202745	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	61680	25.94	ug/l	100
3) Chloromethane	1.32	50	61850	24.58	ug/l	99
4) Vinyl Chloride	1.40	62	65542	21.88	ug/l	99
5) Bromomethane	1.64	94	32755	21.90	ug/l	100
6) Chloroethane	1.72	64	41066	22.19	ug/l	99
7) Trichlorofluoromethane	1.93	101	104314	20.64	ug/l	99
8) Diethyl Ether	2.19	74	37267	20.29	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58488	19.98	ug/l	99
10) Methyl Iodide	2.51	142	53187	21.91	ug/l	99
11) Tert butyl alcohol	3.07	59	75758	103.88	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53085	20.32	ug/l	94
13) Acrolein	2.29	56	44839	113.25	ug/l	97
14) Allyl chloride	2.73	41	101790	19.77	ug/l	98
15) Acrylonitrile	3.15	53	158589	101.80	ug/l	99
16) Acetone	2.45	43	148184	97.74	ug/l	98
17) Carbon Disulfide	2.57	76	143970	20.69	ug/l	97
18) Methyl Acetate	2.78	43	74149	17.49	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	187486	19.96	ug/l	99
20) Methylene Chloride	2.86	84	59316	20.10	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	57139	20.08	ug/l	94
22) Diisopropyl ether	3.87	45	200844	20.41	ug/l	95
23) Vinyl Acetate	3.83	43	868712	104.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	108643	20.31	ug/l	99
25) 2-Butanone	4.71	43	227807	101.24	ug/l	96
26) 2,2-Dichloropropane	4.59	77	67393	15.49	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	63717	19.97	ug/l	97
28) Bromochloromethane	5.02	49	51241	20.01	ug/l	96
29) Tetrahydrofuran	5.17	42	147599	102.29	ug/l	97
30) Chloroform	5.22	83	110628	20.15	ug/l	97
31) Cyclohexane	5.57	56	93076	20.27	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	97163	20.11	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79547	19.73	ug/l	98
37) Ethyl Acetate	4.87	43	88972	20.50	ug/l	98
38) Carbon Tetrachloride	5.79	117	87119	19.69	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:02:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94022	20.02	ug/l	97
40) Benzene	6.15	78	240095	20.50	ug/l	99
41) Methacrylonitrile	5.07	41	50079	20.03	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93576	19.77	ug/l	99
43) Isopropyl Acetate	6.47	43	142267	19.54	ug/l	99
44) Trichloroethene	7.22	130	71021	20.33	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61945	19.93	ug/l	97
46) Dibromomethane	7.67	93	42669	19.79	ug/l	96
47) Bromodichloromethane	7.90	83	77298	19.39	ug/l	97
48) Methyl methacrylate	7.78	41	72751	19.39	ug/l	98
49) 1,4-Dioxane	7.76	88	29978	410.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	461294	101.27	ug/l	99
52) Toluene	8.79	92	153787	20.49	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	85864	19.02	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	78956	18.17	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	61877	20.07	ug/l	94
56) Ethyl methacrylate	9.18	69	90306	20.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	101320	20.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	221864	102.04	ug/l	98
59) 2-Hexanone	9.50	43	350361	101.21	ug/l	98
60) Dibromochloromethane	9.59	129	62387	19.22	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64641	19.98	ug/l	99
64) Tetrachloroethene	9.34	164	77327	19.76	ug/l	98
65) Chlorobenzene	10.14	112	177001	19.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63409	19.52	ug/l	100
67) Ethyl Benzene	10.26	91	295376	20.00	ug/l	100
68) m/p-Xylenes	10.36	106	231104	40.60	ug/l	99
69) o-Xylene	10.70	106	110773	19.98	ug/l	100
70) Styrene	10.71	104	183303	20.35	ug/l	99
71) Bromoform	10.86	173	46391	18.48	ug/l	100
73) Isopropylbenzene	11.02	105	304658	20.81	ug/l	99
74) N-amyl acetate	6.47	43	142267	19.86	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91669	20.33	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	98566	25.00	ug/l	81
77) Bromobenzene	11.26	156	84097	20.17	ug/l	97
78) n-propylbenzene	11.37	91	341633	20.50	ug/l	100
79) 2-Chlorotoluene	11.43	91	203562	20.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	251698	20.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20355	17.34	ug/l	90
82) 4-Chlorotoluene	11.51	91	241222	20.20	ug/l	99
83) tert-Butylbenzene	11.77	119	248084	20.41	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	261684	20.48	ug/l	99
85) sec-Butylbenzene	11.95	105	301468	20.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	269380	20.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153238	20.12	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	153368	19.57	ug/l	99
89) n-Butylbenzene	12.39	91	223644	19.39	ug/l	99
90) Hexachloroethane	12.60	117	37710	19.13	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	150852	19.63	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19658	19.39	ug/l	98

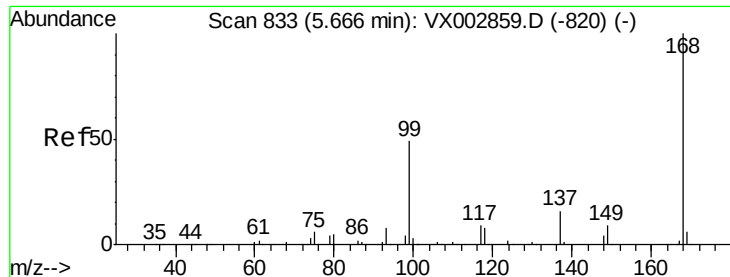
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107812	19.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	53071	19.02	ug/l	99
95) Naphthalene	13.84	128	298533	20.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110616	19.80	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

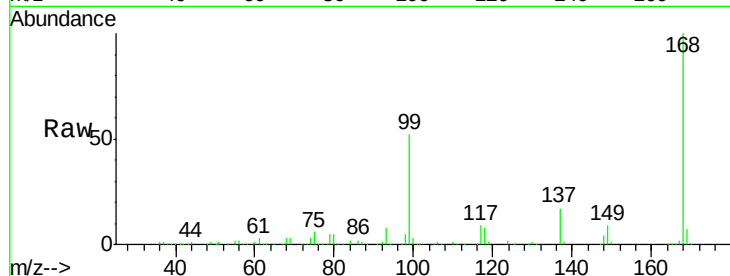
ClientSampleId :

Tot Ion:168 Resp: 264871

Ion Ratio Lower Upper

168 100

99 51.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

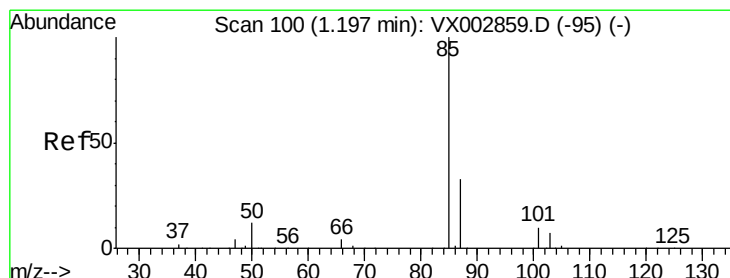
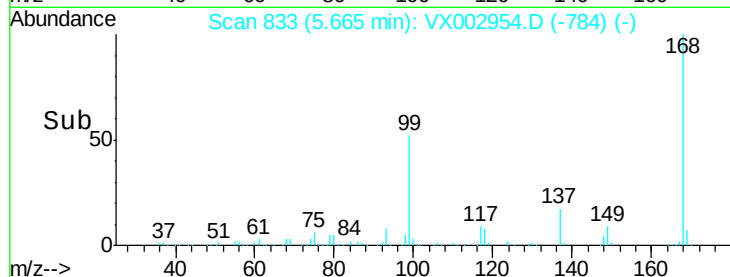
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 25.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002954.D

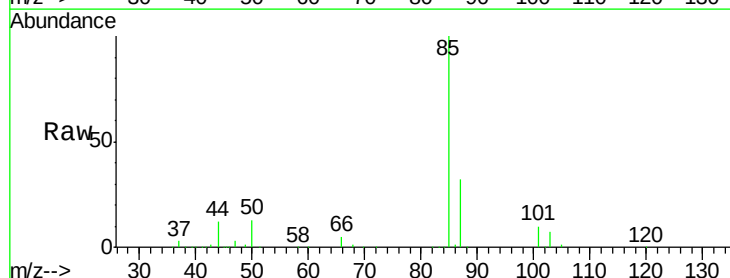
Acq: 28 Jun 2018 00:00

Tgt Ion: 85 Resp: 61680

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

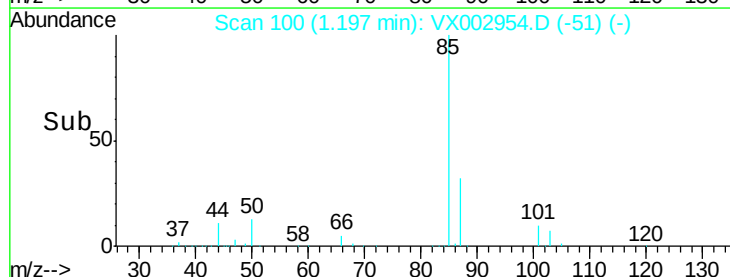
40000

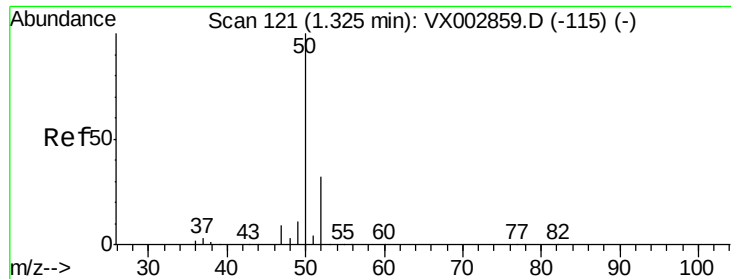
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 24.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

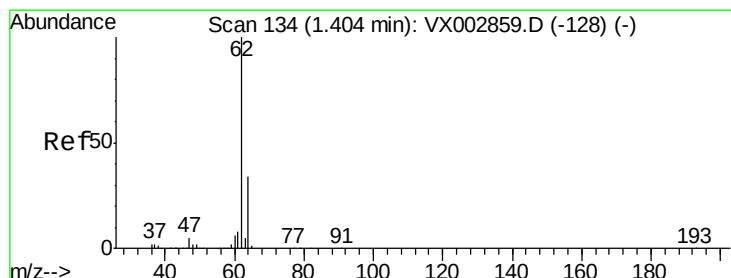
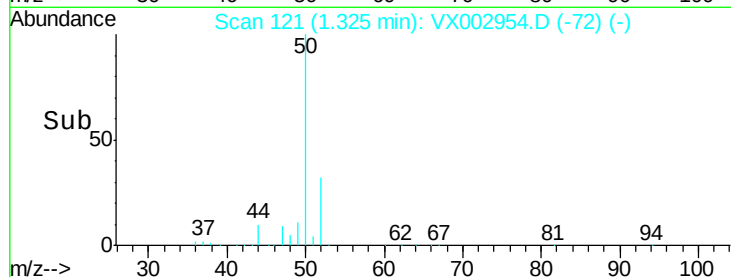
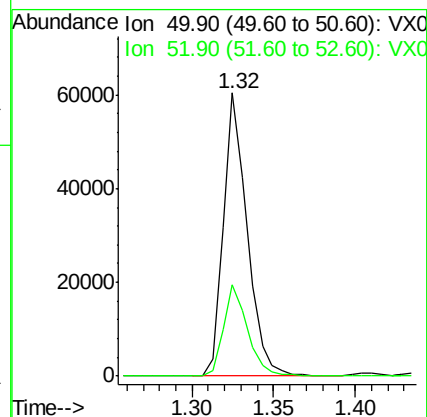
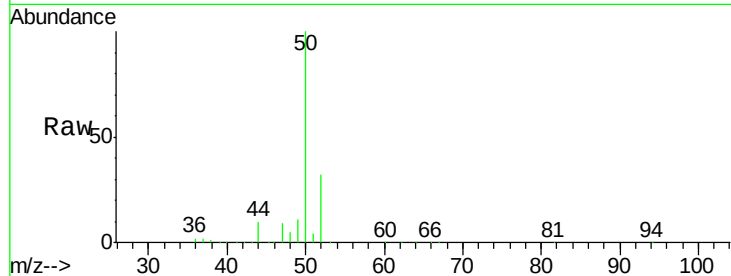
ClientSampleId :

Tot Ion: 50 Resp: 61850

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 21.88 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002954.D

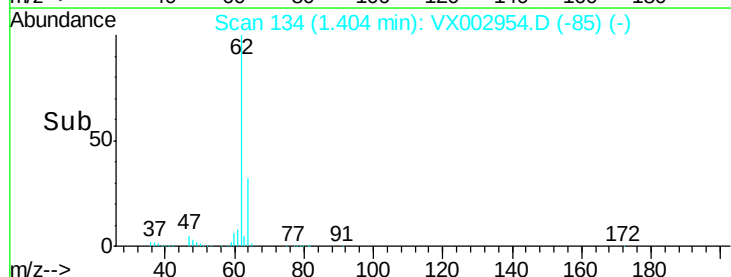
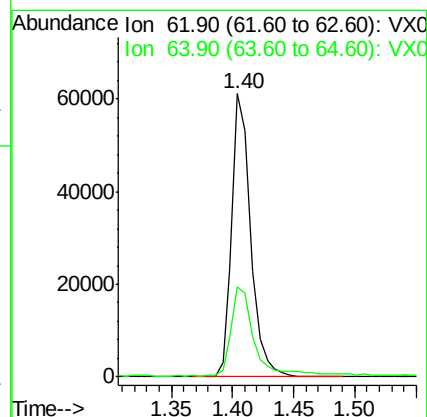
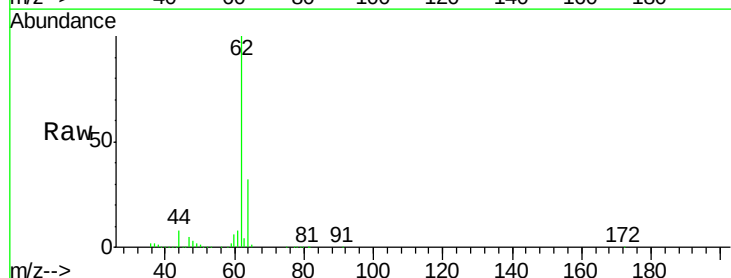
Acq: 28 Jun 2018 00:00

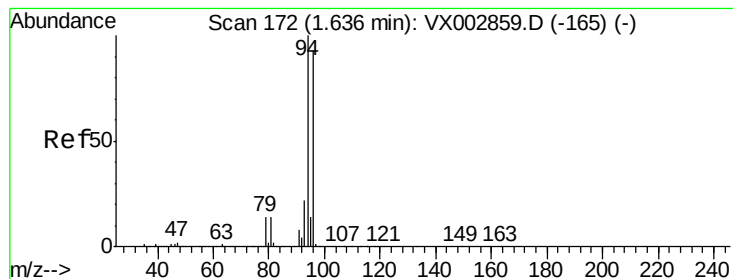
Tgt Ion: 62 Resp: 65542

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 21.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

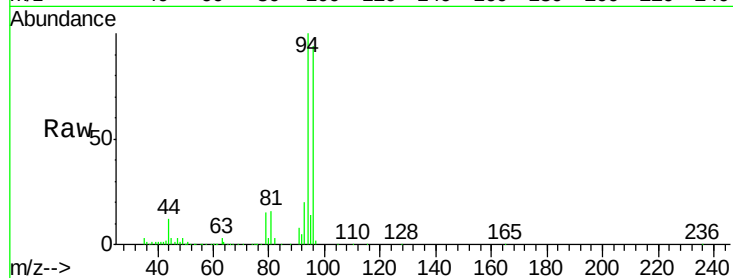
ClientSampleId :

Tot Ion: 94 Resp: 32755

Ion Ratio Lower Upper

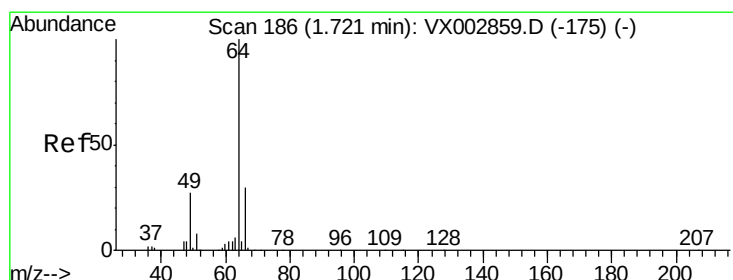
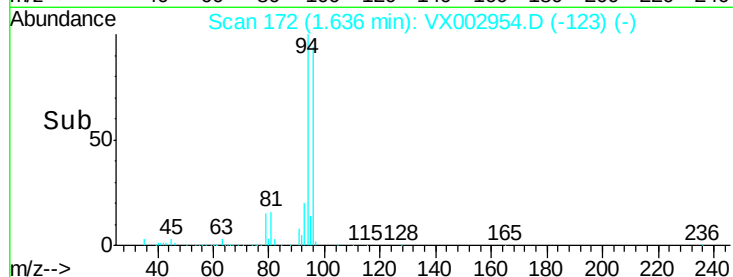
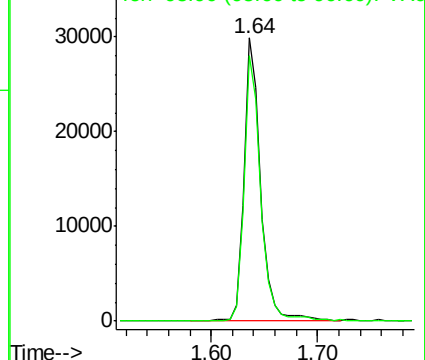
94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.19 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002954.D

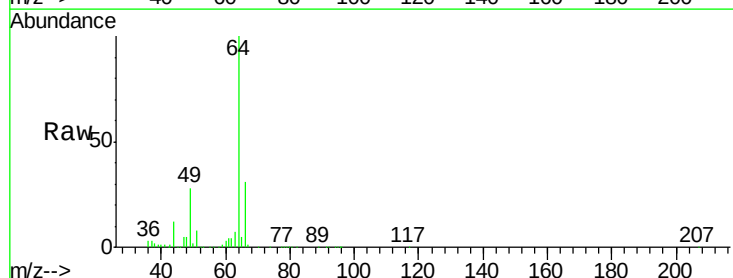
Acq: 28 Jun 2018 00:00

Tgt Ion: 64 Resp: 41066

Ion Ratio Lower Upper

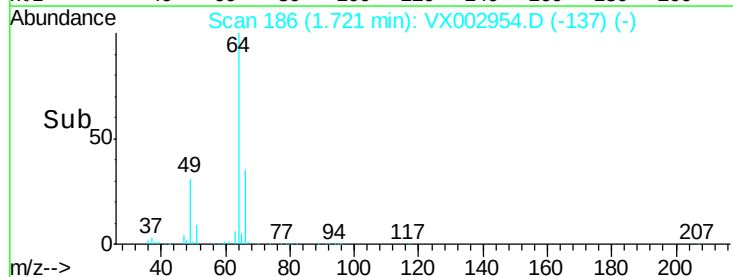
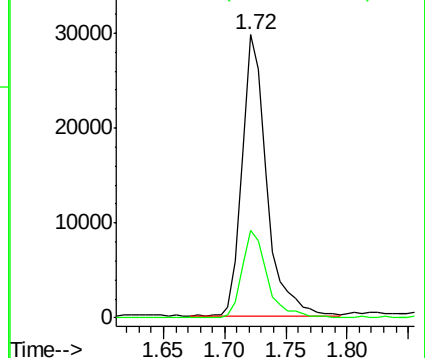
64 100

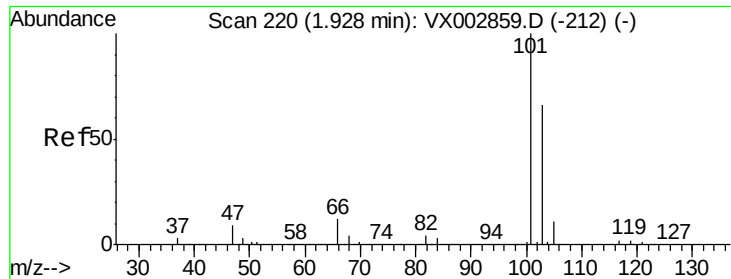
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



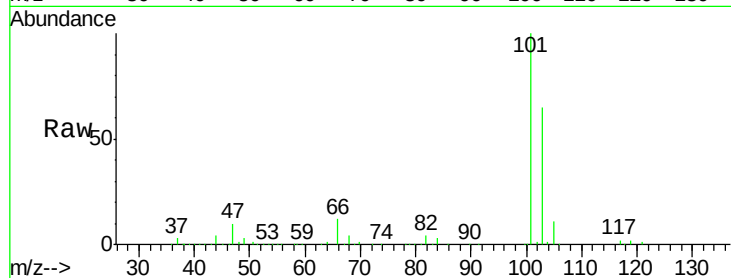


#7

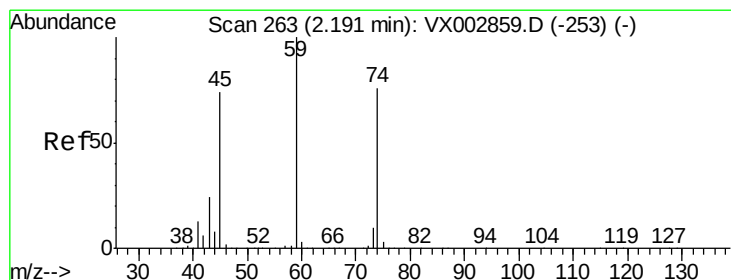
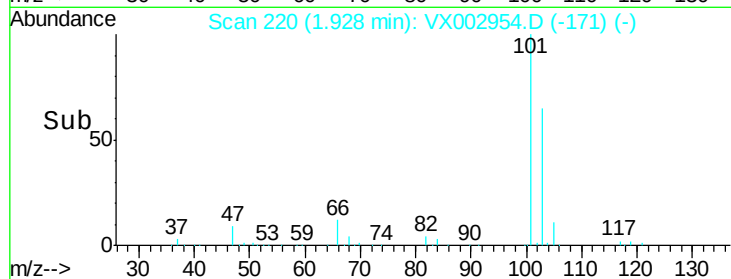
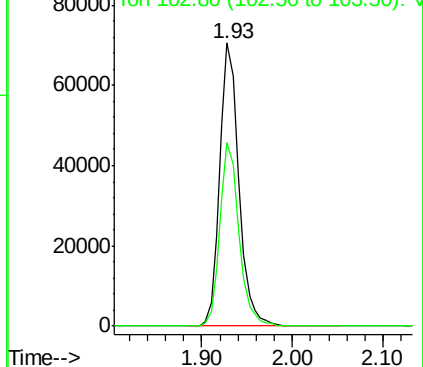
Trichlorofluoromethane
Concen: 20.64 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 104314
Ion Ratio Lower Upper
101 100
103 64.9 52.8 79.2



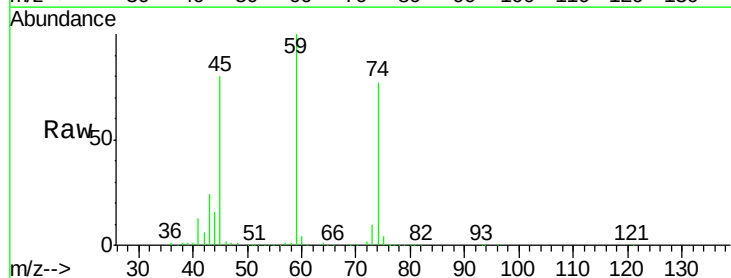
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



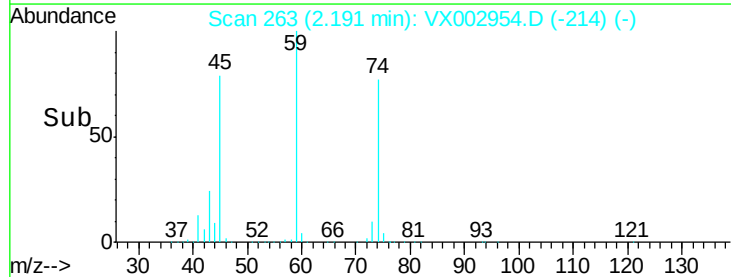
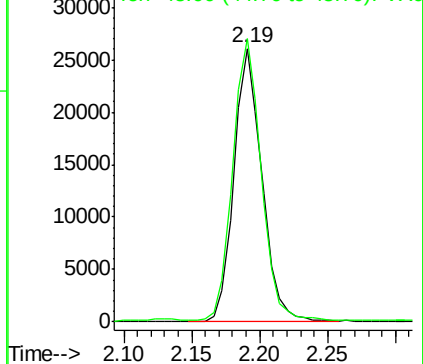
#8

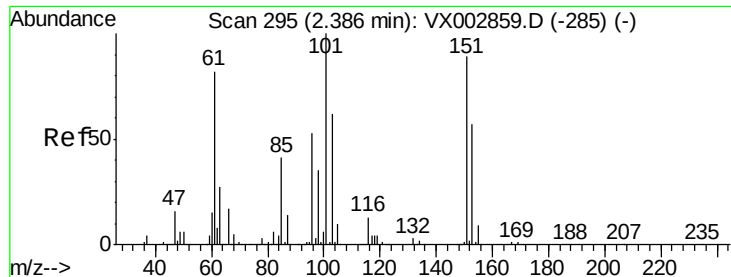
Diethyl Ether
Concen: 20.29 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 74 Resp: 37267
Ion Ratio Lower Upper
74 100
45 104.7 53.1 159.4



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: 19.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

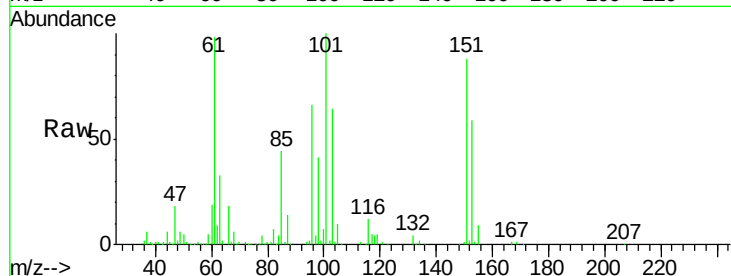
Tot Ion:101 Resp: 58488

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

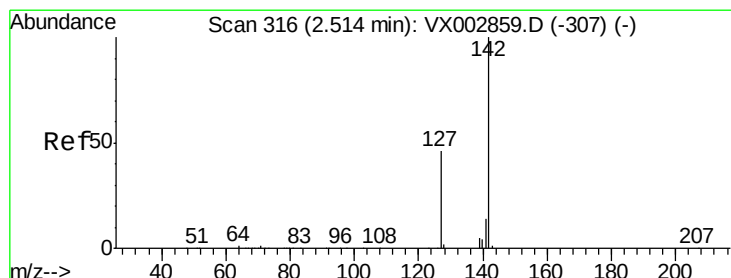
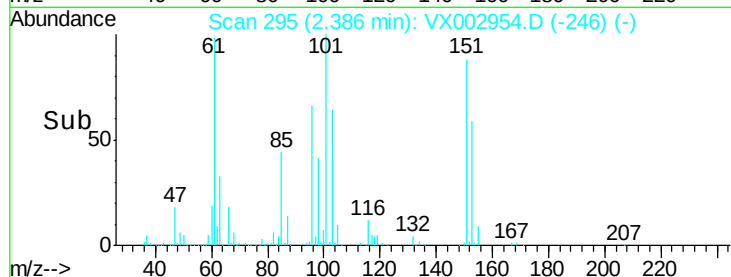
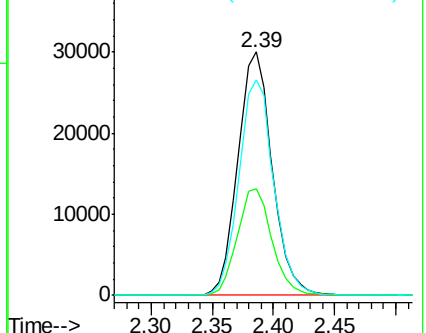
151 90.2 70.9 106.3



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: 21.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

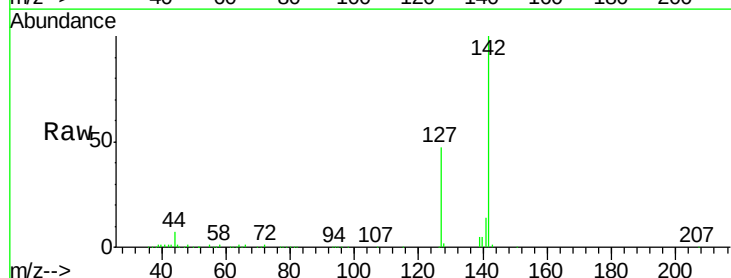
Tgt Ion:142 Resp: 53187

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

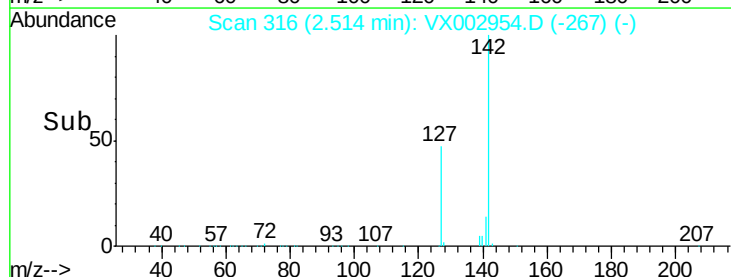
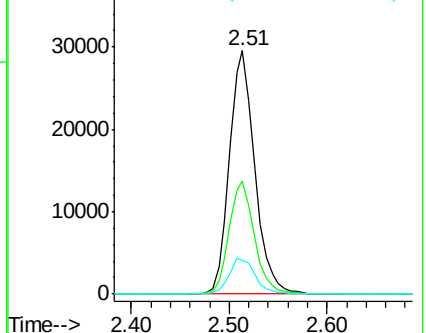
141 14.9 11.3 16.9

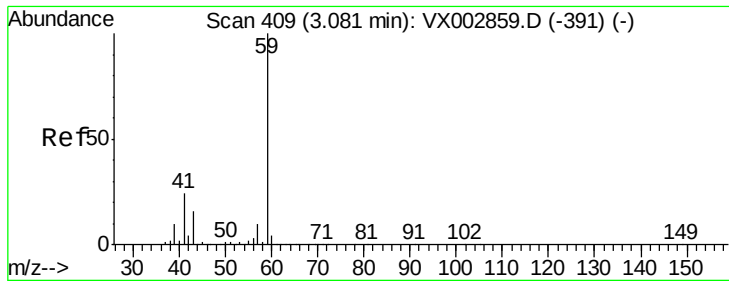


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



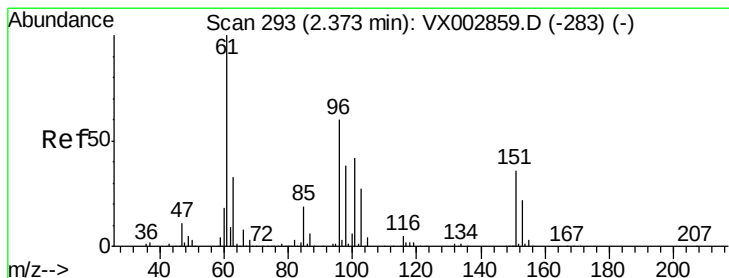
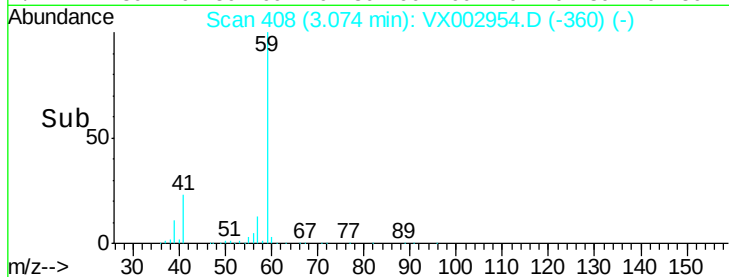
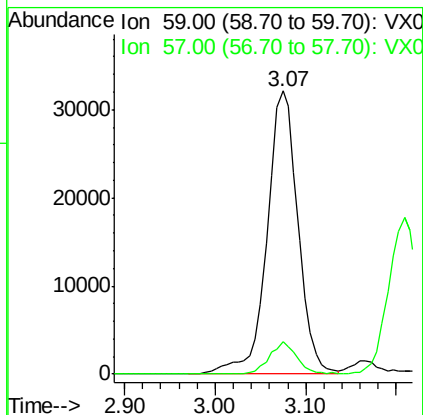
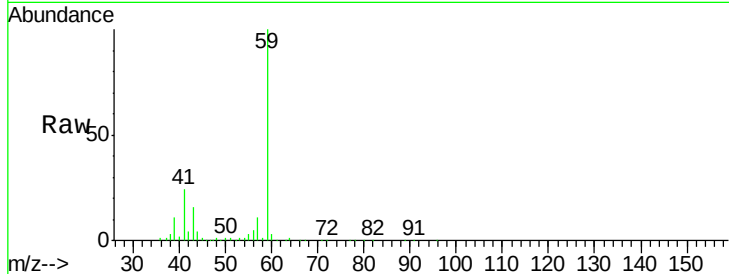


#11

Tert butyl alcohol
 Concen: 103.88 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Instrument :
 MSVOA_X
 ClientSampled :

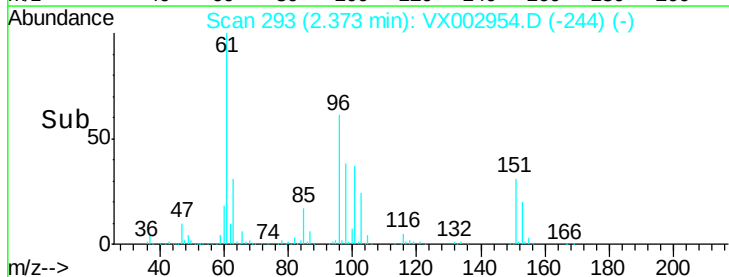
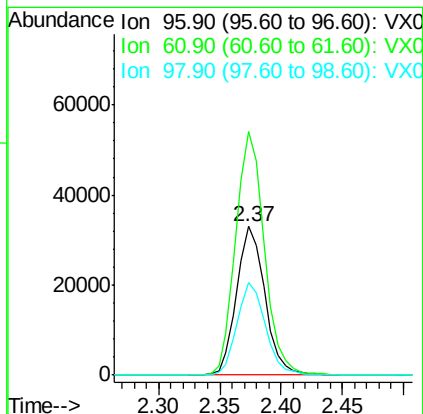
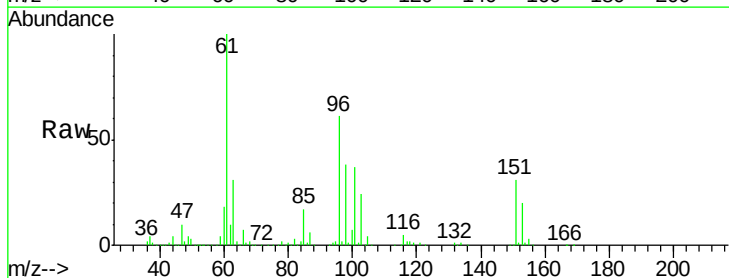
Tot Ion: 59 Resp: 75758
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

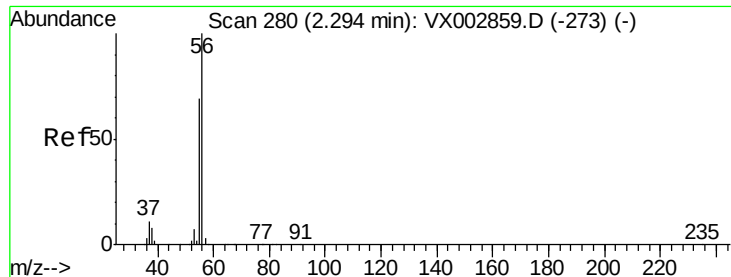


#12

1,1-Dichloroethene
 Concen: 20.32 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Tgt Ion: 96 Resp: 53085
 Ion Ratio Lower Upper
 96 100
 61 163.6 137.9 206.9
 98 61.9 51.6 77.4





#13

Acrolein

Concen: 113.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

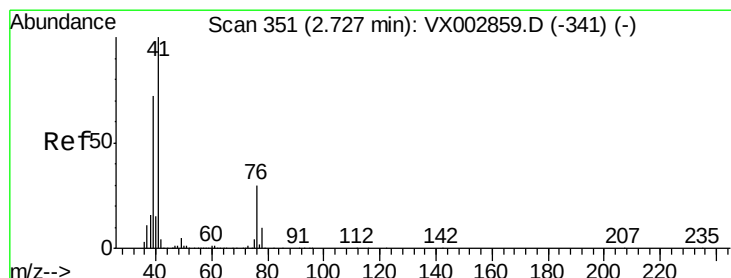
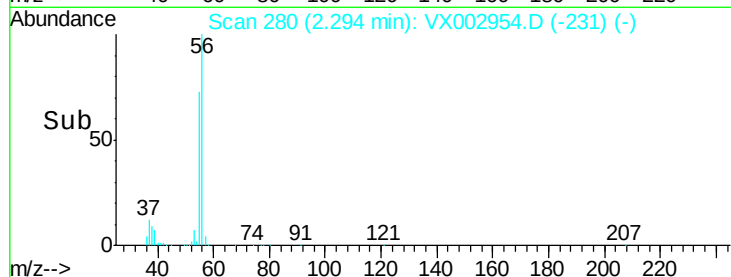
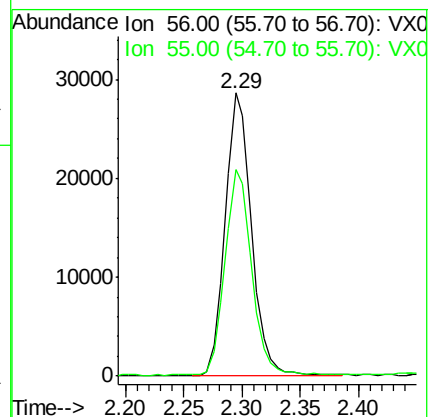
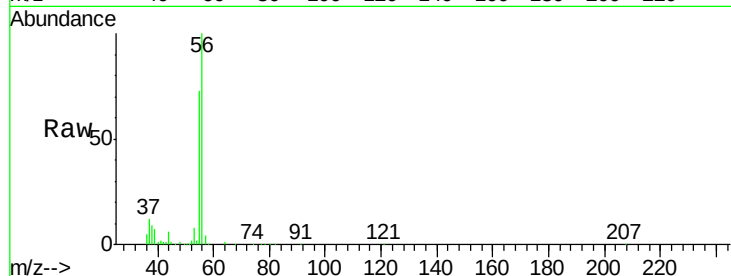
ClientSampleId :

Tot Ion: 56 Resp: 44839

Ion Ratio Lower Upper

56 100

55 73.7 57.0 85.4



#14

Allyl chloride

Concen: 19.77 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

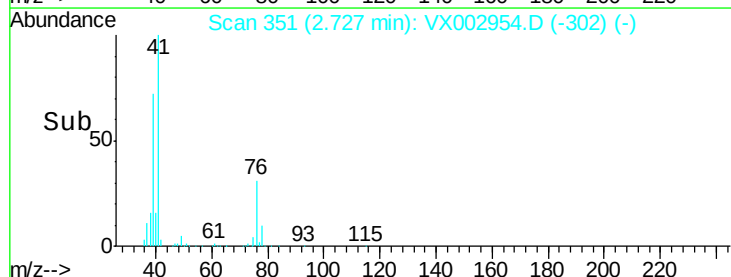
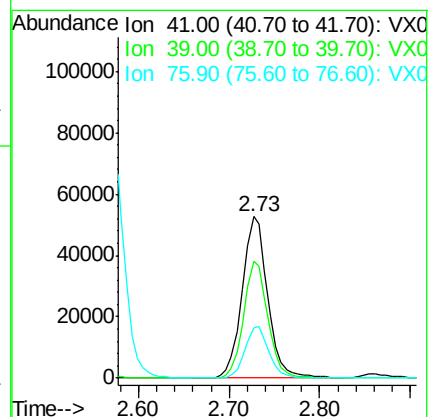
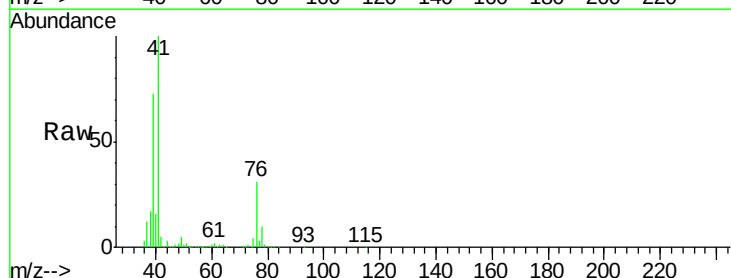
Tgt Ion: 41 Resp: 101790

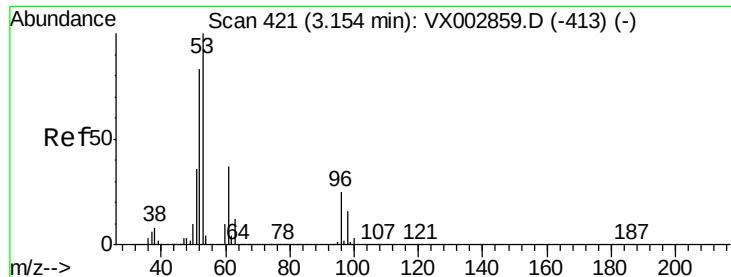
Ion Ratio Lower Upper

41 100

39 68.7 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 101.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

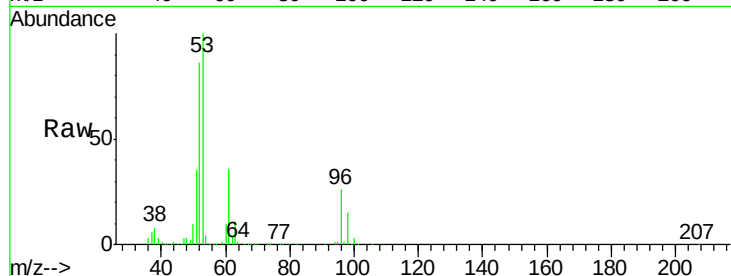
Tot Ion: 53 Resp: 158589

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

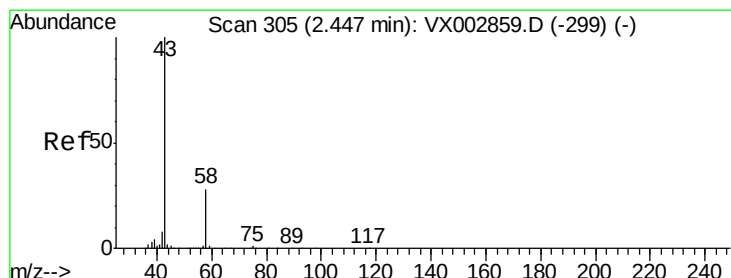
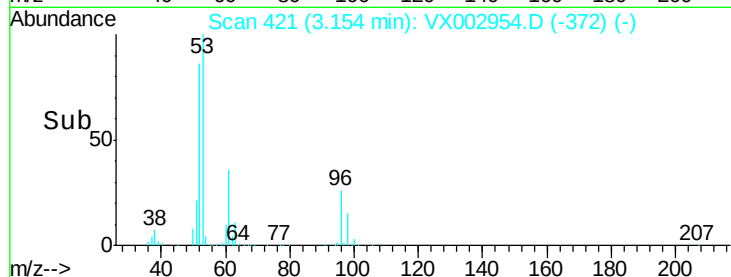
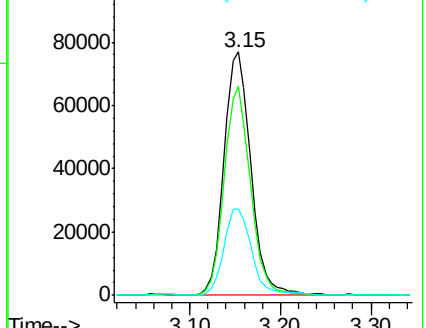
51 36.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.74 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002954.D

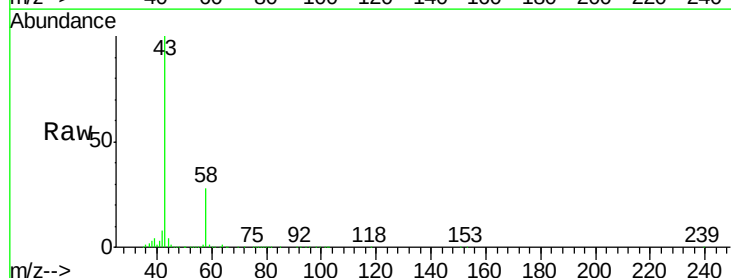
Acq: 28 Jun 2018 00:00

Tgt Ion: 43 Resp: 148184

Ion Ratio Lower Upper

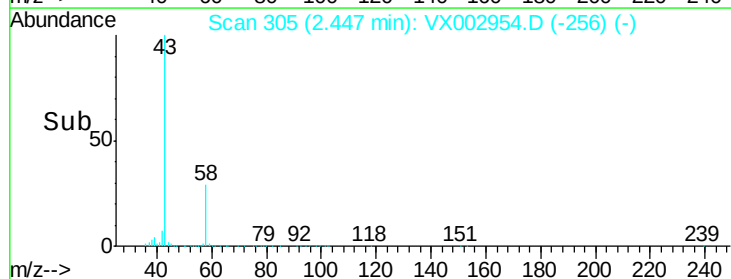
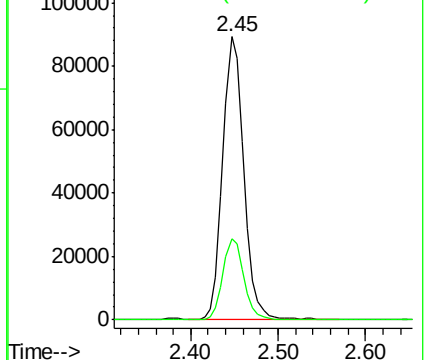
43 100

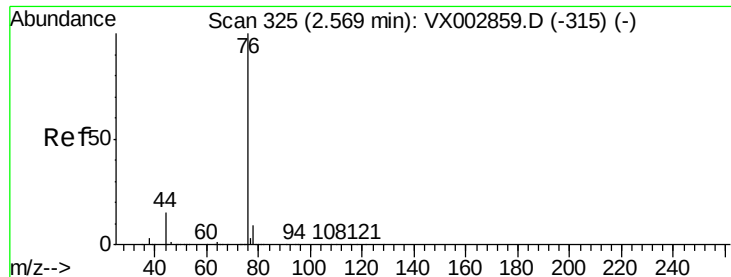
58 28.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.69 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

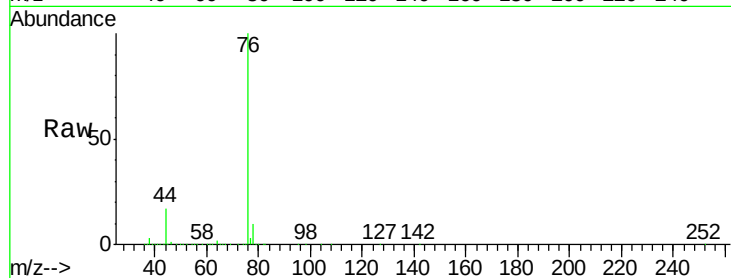
ClientSampleId :

Tot Ion: 76 Resp: 143970

Ion Ratio Lower Upper

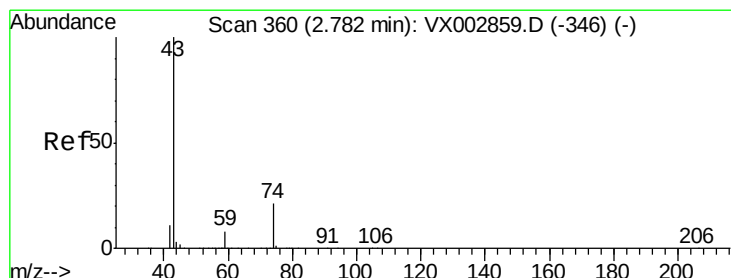
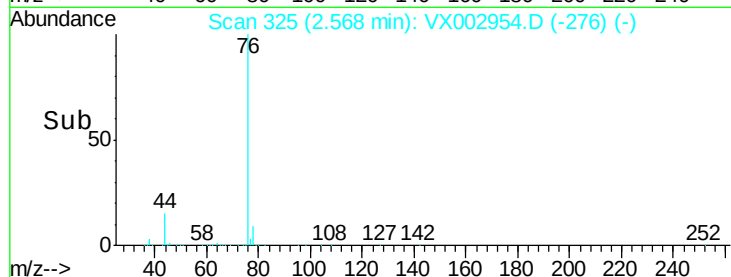
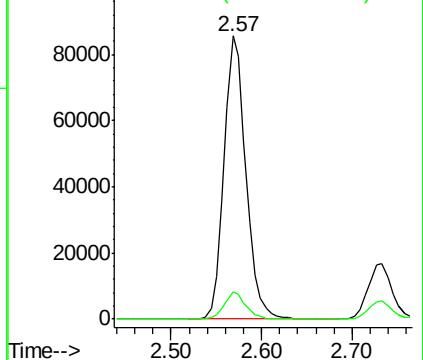
76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002954.D

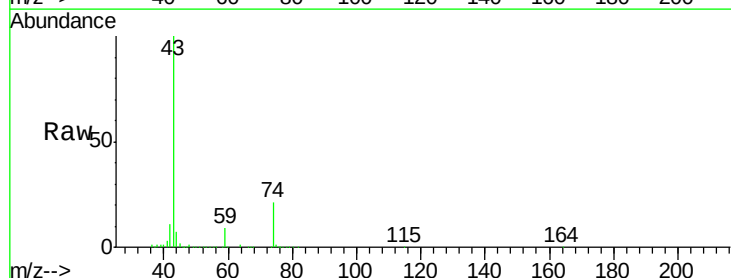
Acq: 28 Jun 2018 00:00

Tgt Ion: 43 Resp: 74149

Ion Ratio Lower Upper

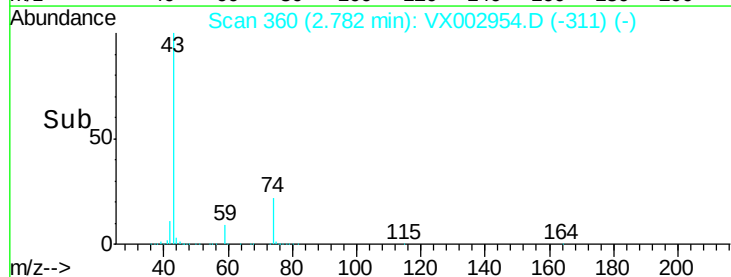
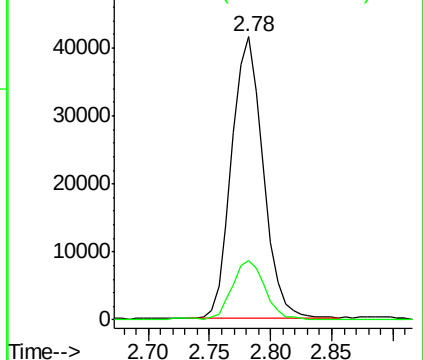
43 100

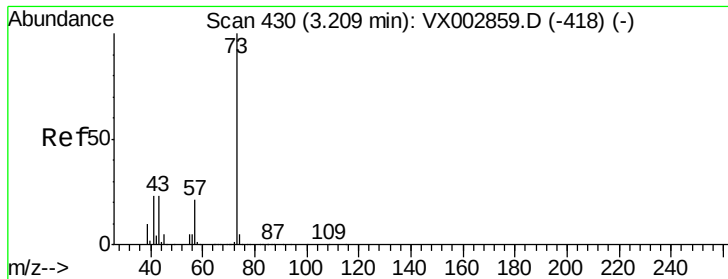
74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

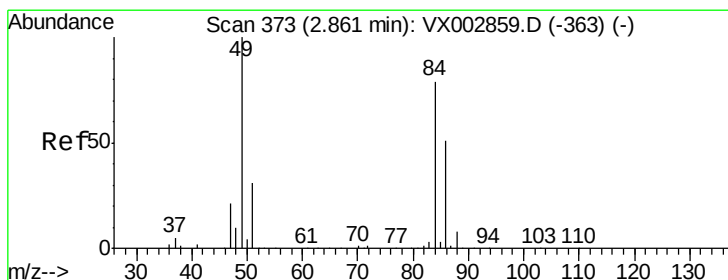
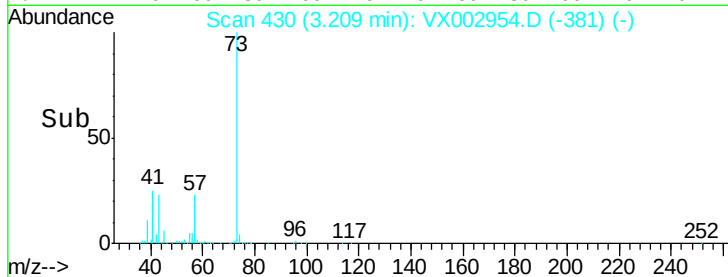
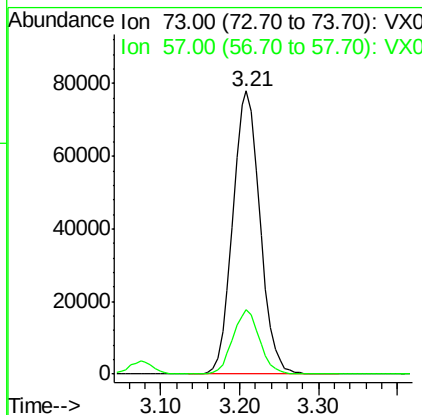
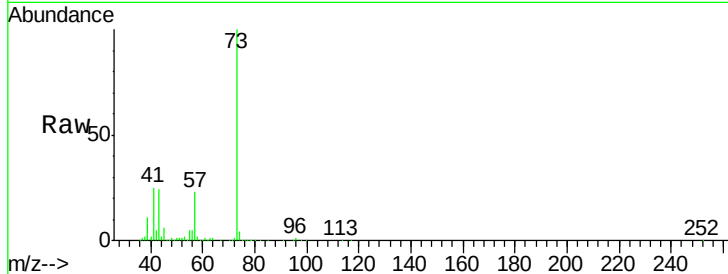




#19
Methyl tert-butyl Ether
Concen: 19.96 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

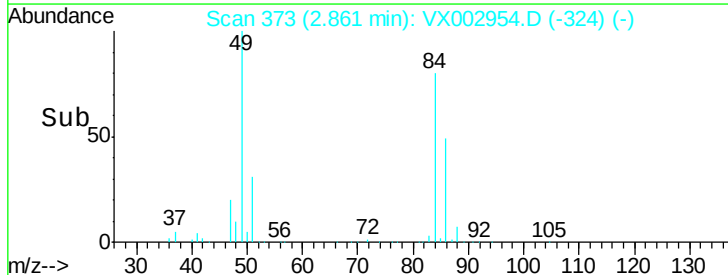
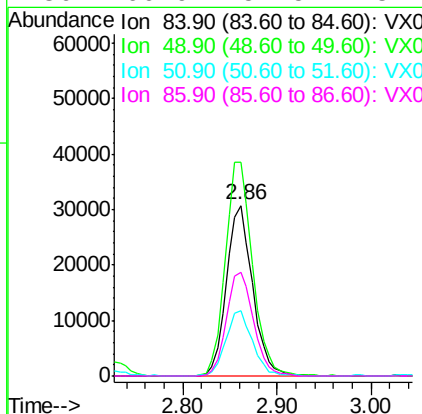
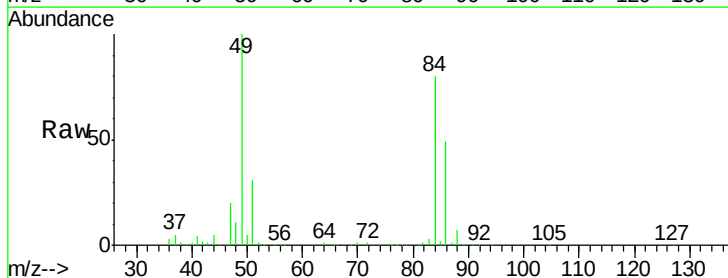
Instrument :
MSVOA_X
ClientSampleId :

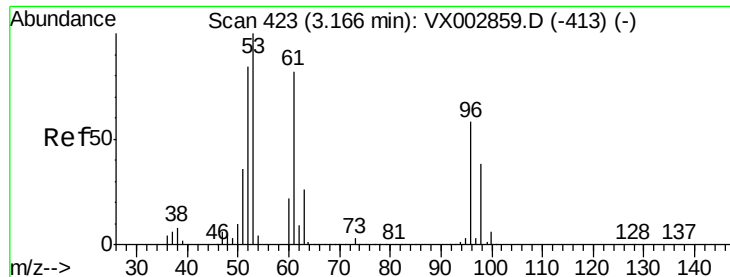
Tot Ion: 73 Resp: 187486
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 20.10 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 84 Resp: 59316
Ion Ratio Lower Upper
84 100
49 124.9 107.8 161.6
51 38.1 32.8 49.2
86 60.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampled :

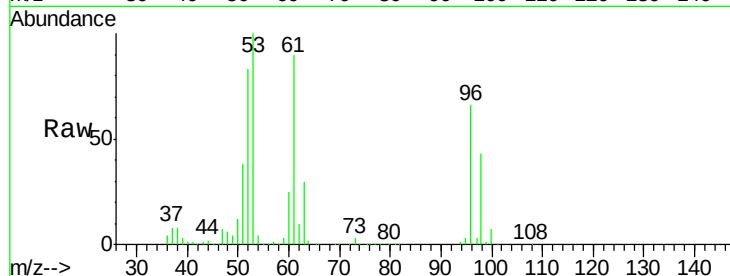
Tot Ion: 96 Resp: 57139

Ion Ratio Lower Upper

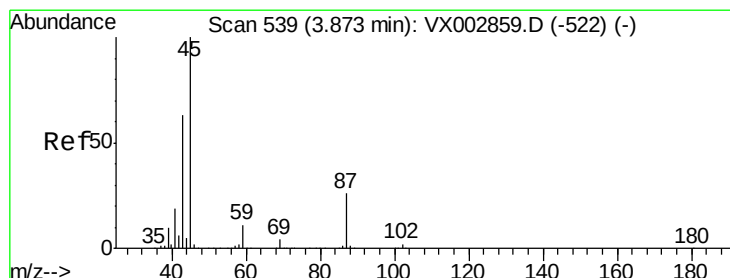
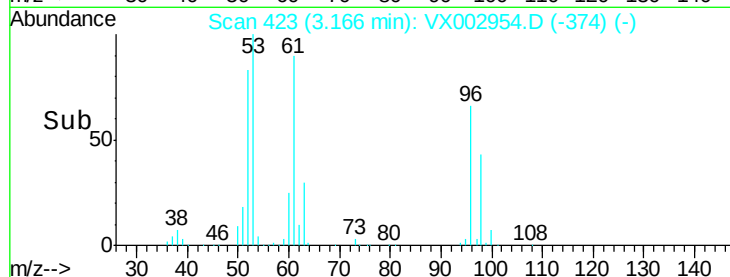
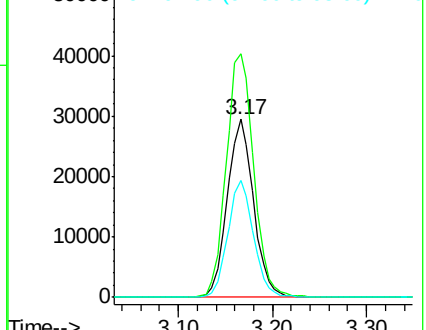
96 100

61 136.4 117.0 175.4

98 65.7 52.4 78.6



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



#22

Diisopropyl ether

Concen: 20.41 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Tgt Ion: 45 Resp: 200844

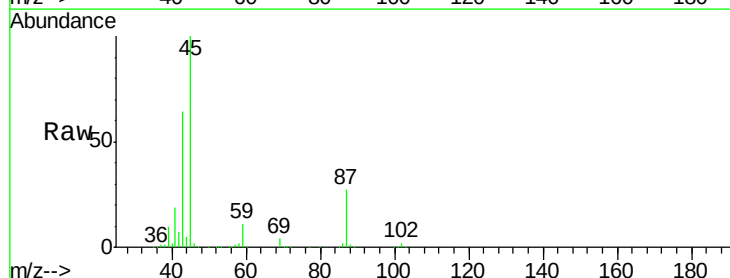
Ion Ratio Lower Upper

45 100

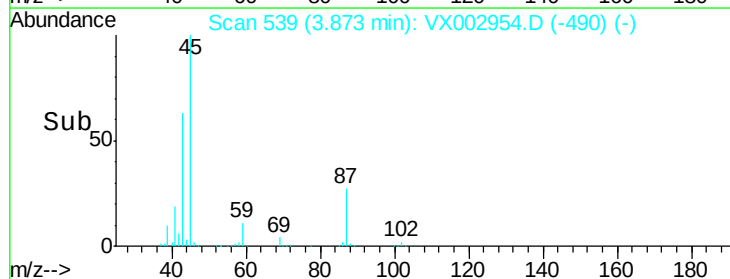
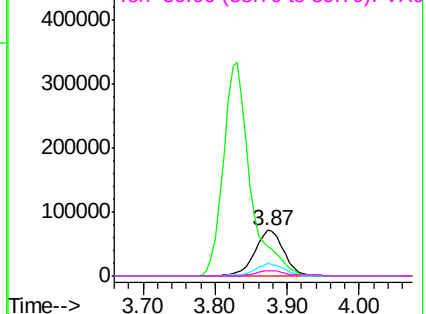
43 63.2 46.8 70.2

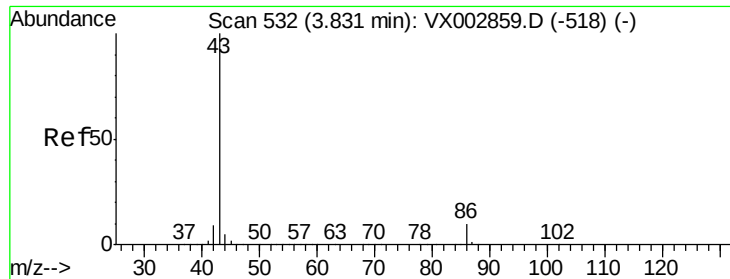
87 27.1 20.2 30.4

59 10.7 8.7 13.1



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





#23

Vinyl Acetate

Concen: 104.23 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

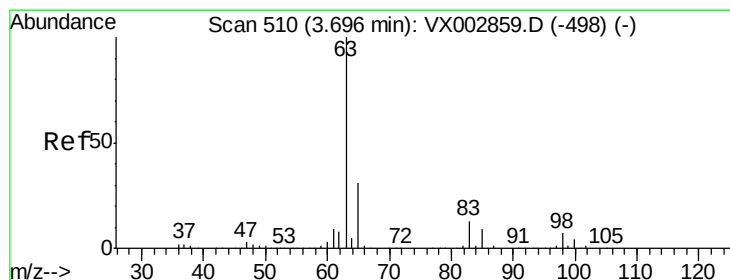
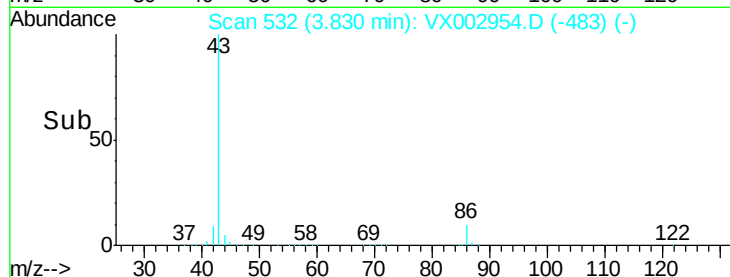
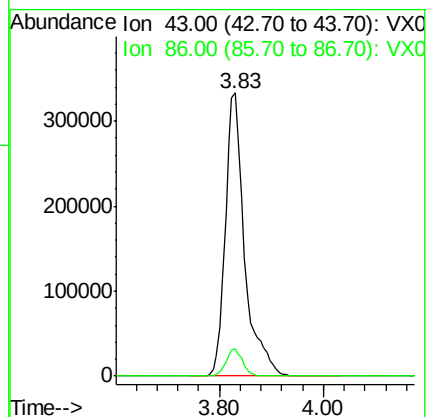
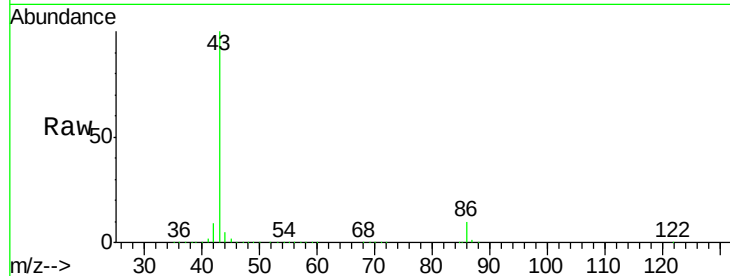
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 868712

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 20.31 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

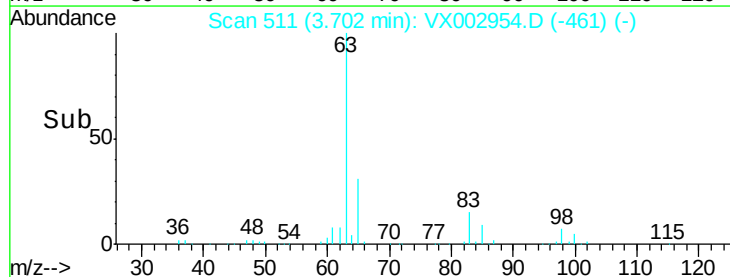
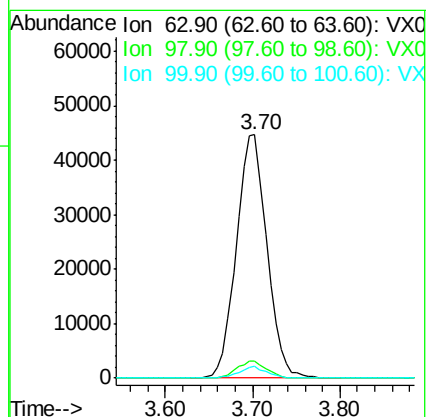
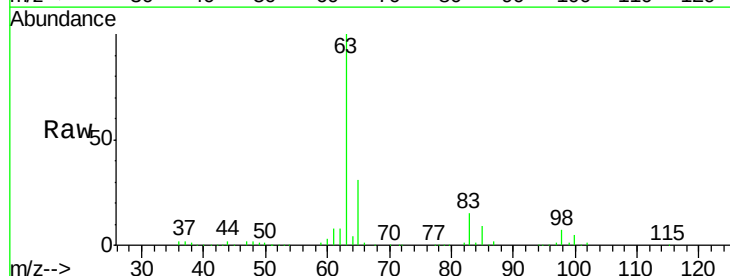
Tgt Ion: 63 Resp: 108643

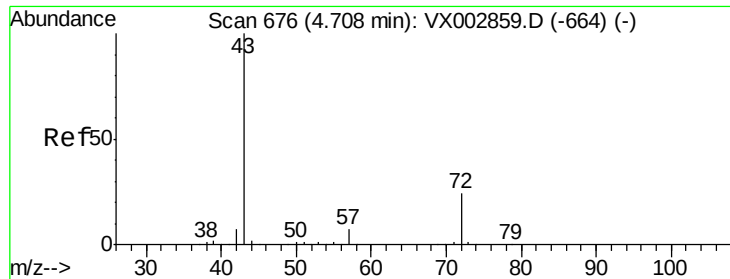
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 101.24 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

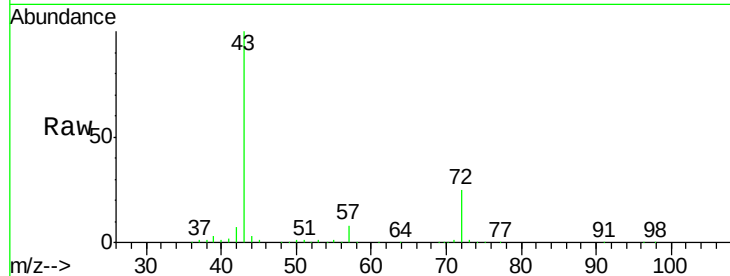
ClientSampled :

Tot Ion: 43 Resp: 227807

Ion Ratio Lower Upper

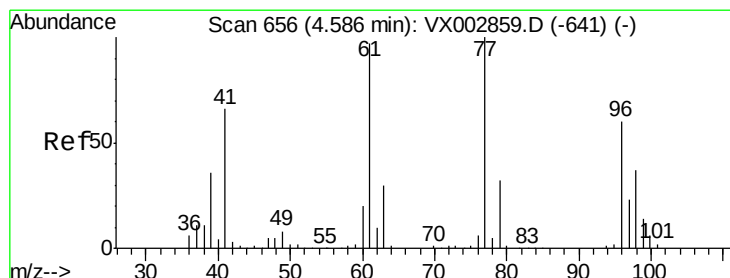
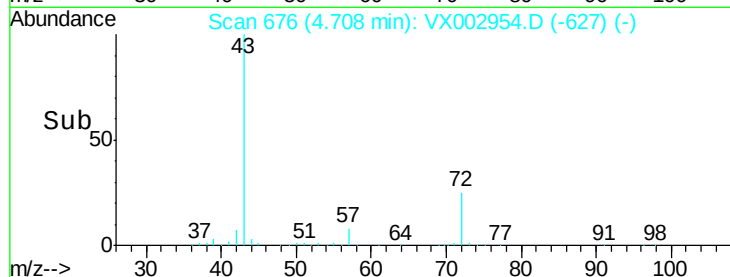
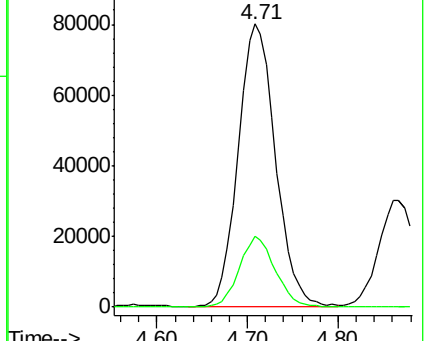
43 100

72 25.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002954.D

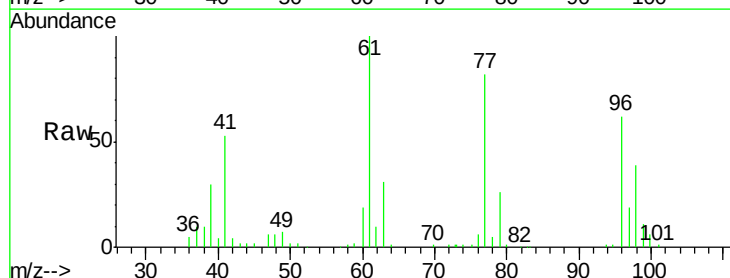
Acq: 28 Jun 2018 00:00

Tgt Ion: 77 Resp: 67393

Ion Ratio Lower Upper

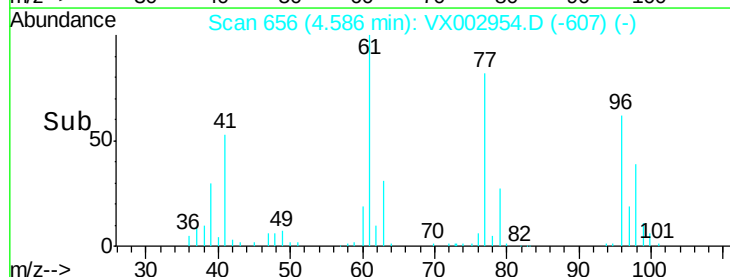
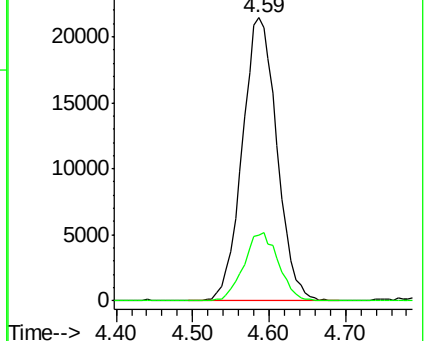
77 100

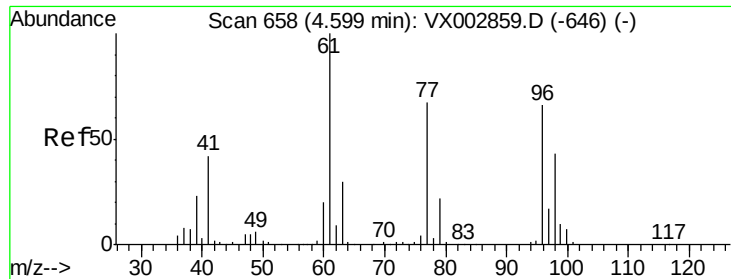
97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.97 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

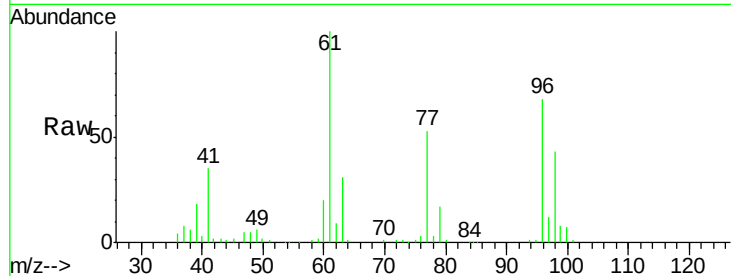
Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 63717

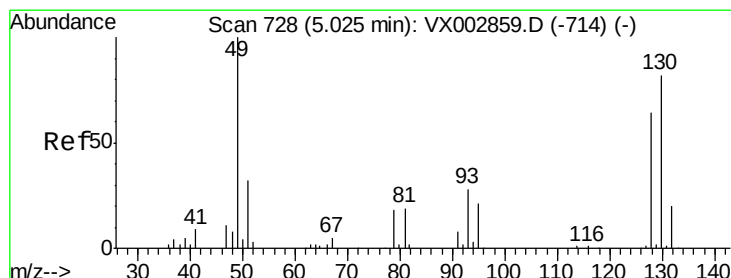
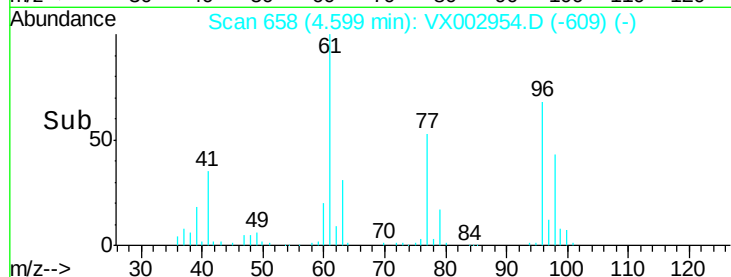
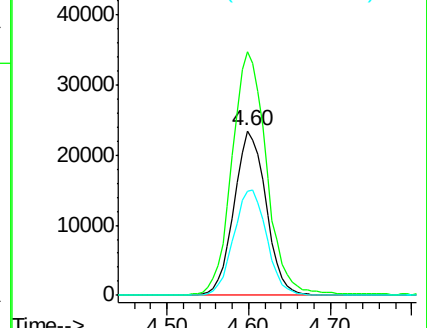
Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	330.2
98	66.0	0.0	130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.01 ug/l

RT: 5.02 min Scan# 727

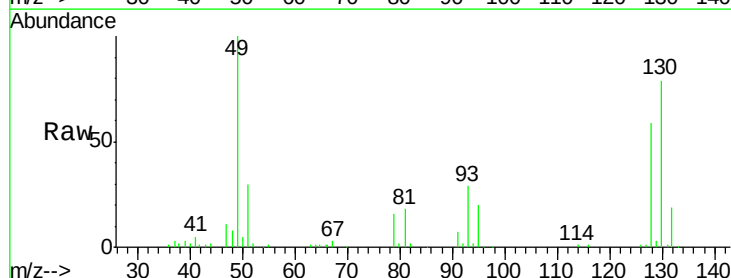
Delta R.T. -0.01 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Tgt Ion: 49 Resp: 51241

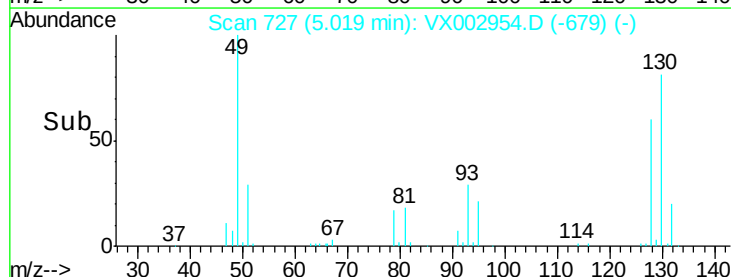
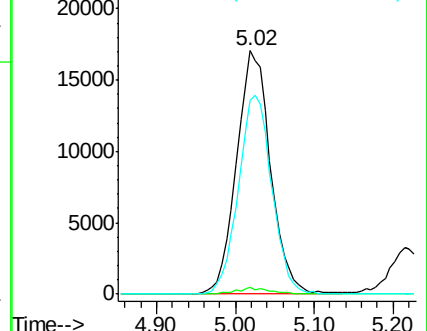
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	80.4	61.2	91.8

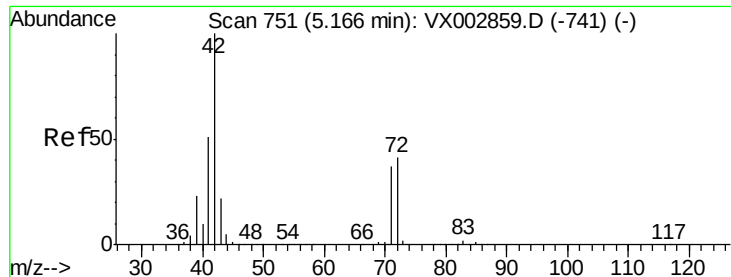


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

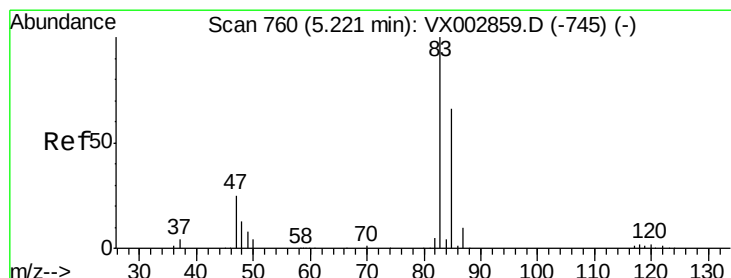
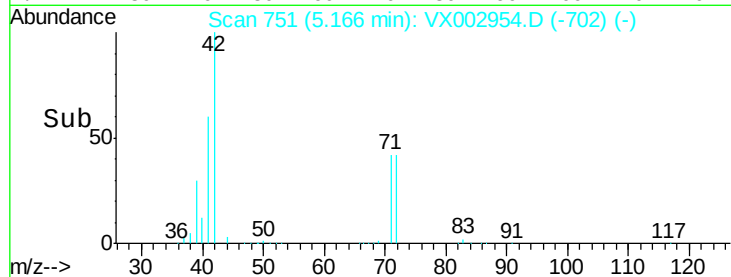
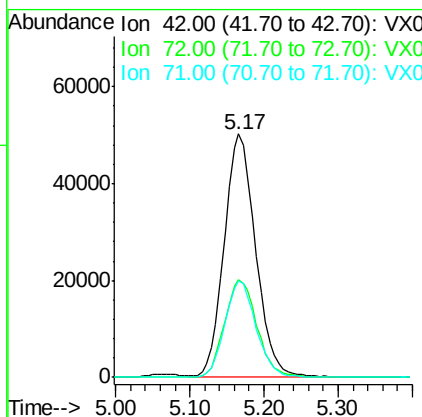
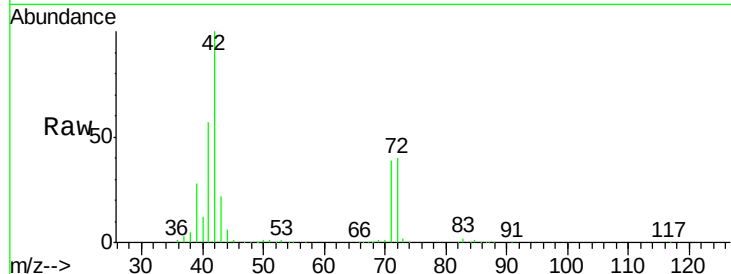




#29
Tetrahydrofuran
Concen: 102.29 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

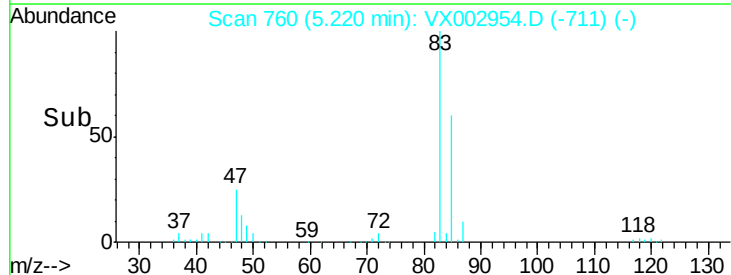
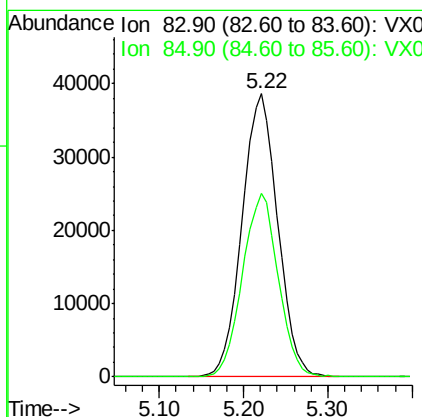
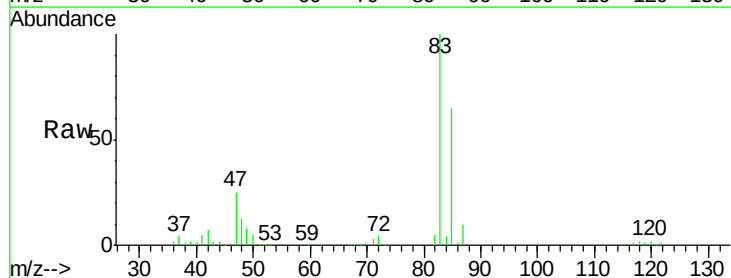
Instrument :
MSVOA_X
ClientSampleId :

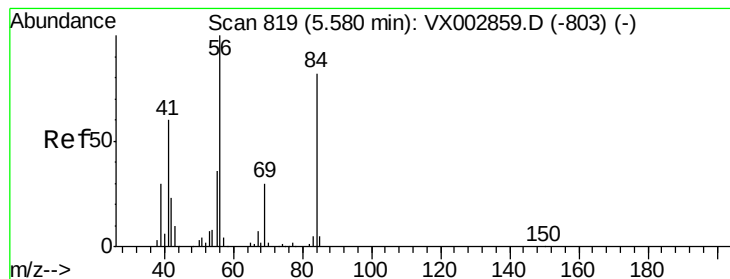
Tot Ion: 42 Resp: 147599
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 39.4 30.1 45.1



#30
Chloroform
Concen: 20.15 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 83 Resp: 110628
Ion Ratio Lower Upper
83 100
85 65.0 50.4 75.6





#31

Cyclohexane

Concen: 20.27 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

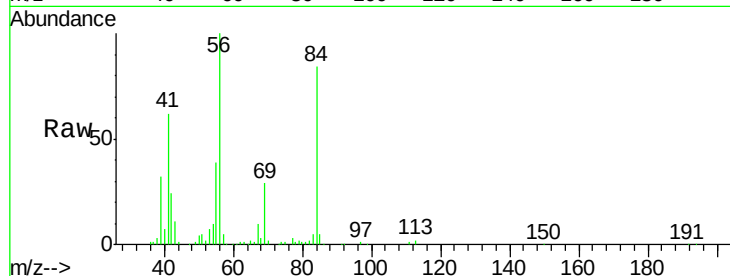
Tot Ion: 56 Resp: 93076

Ion Ratio Lower Upper

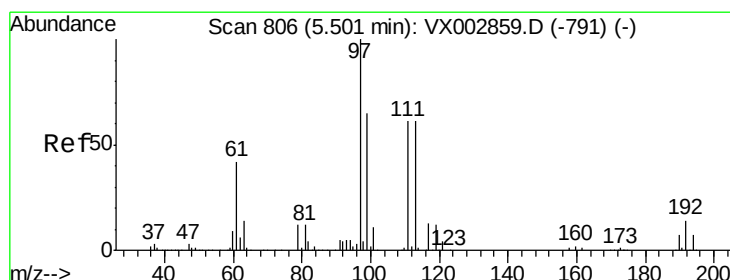
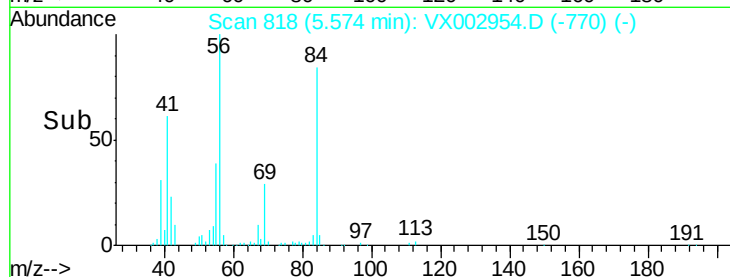
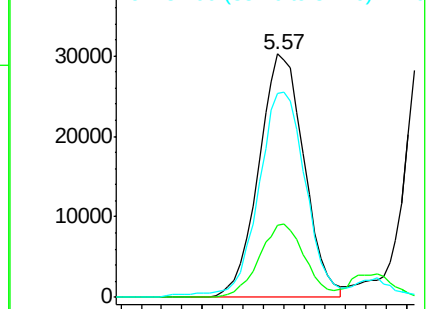
56 100

69 29.5 23.7 35.5

84 82.4 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.11 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

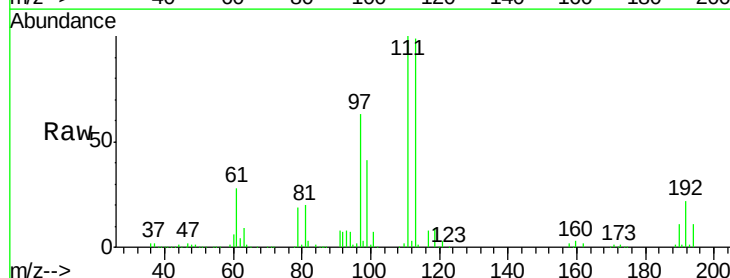
Tgt Ion: 97 Resp: 97163

Ion Ratio Lower Upper

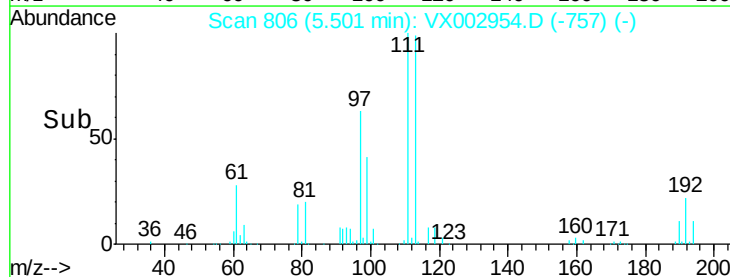
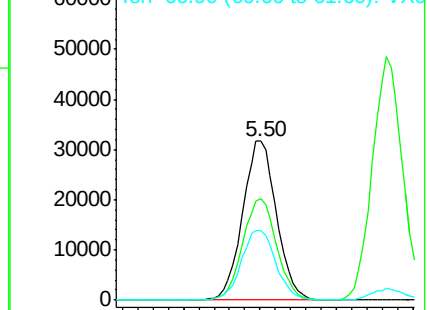
97 100

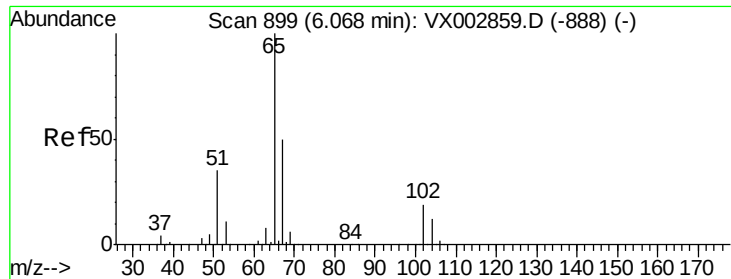
99 64.2 51.6 77.4

61 44.8 36.4 54.6



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

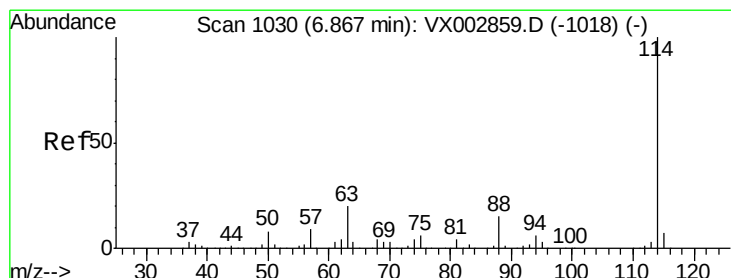
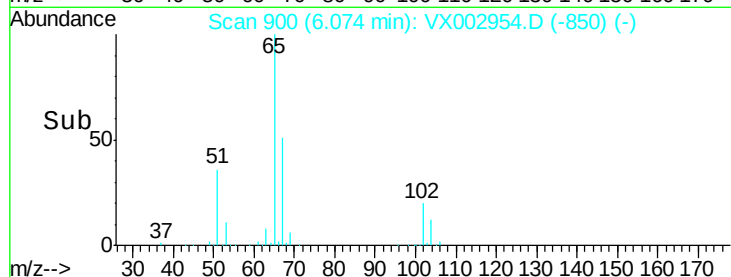
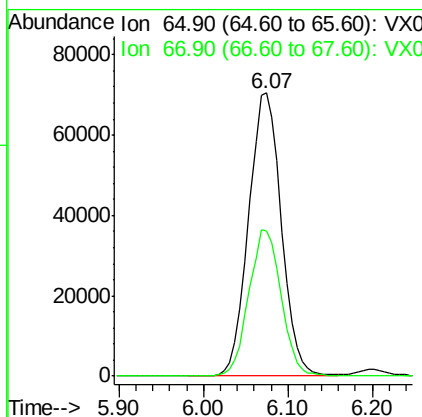
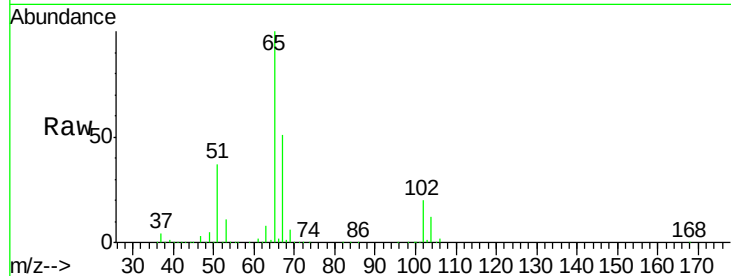




#33
 1,2-Dichloroethane-d4
 Concen: 50.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

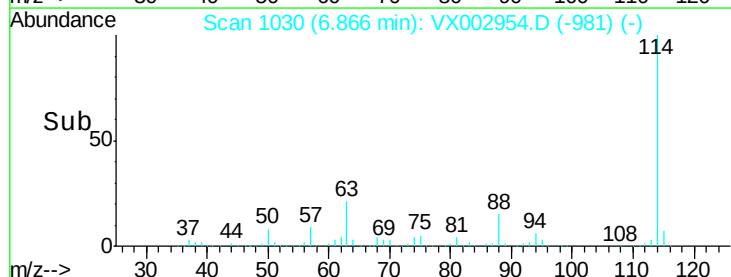
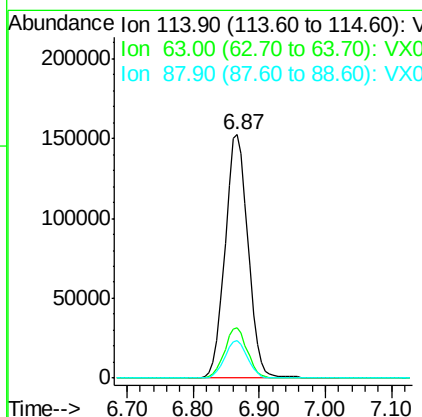
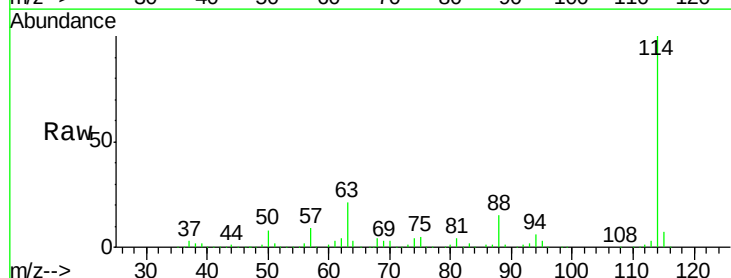
Instrument :
 MSVOA_X
 ClientSampleId :

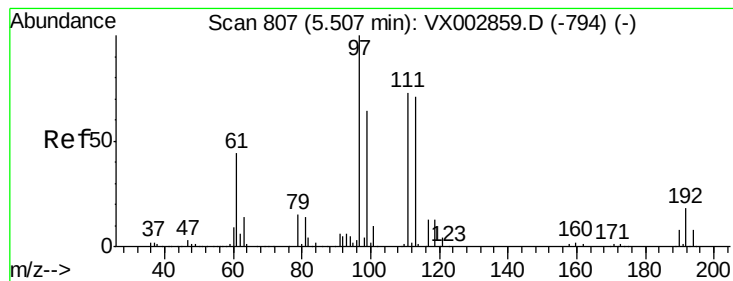
Tot Ion: 65 Resp: 185846
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Tgt Ion: 114 Resp: 367652
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

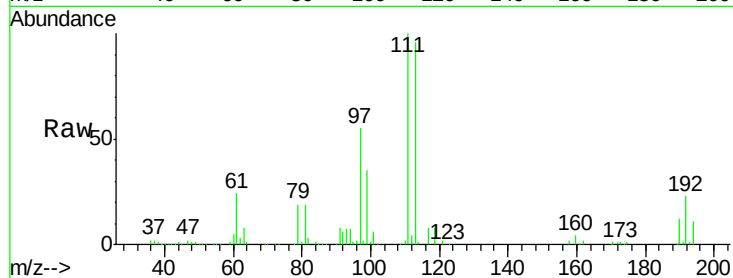
Tot Ion:113 Resp: 147325

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

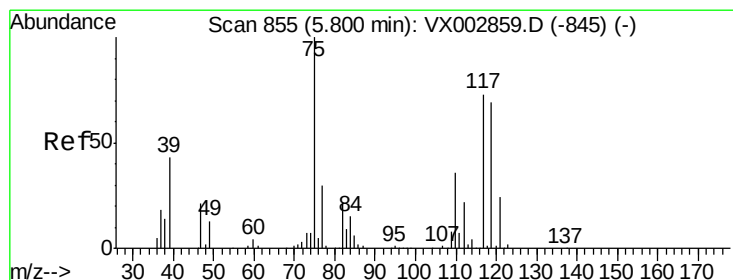
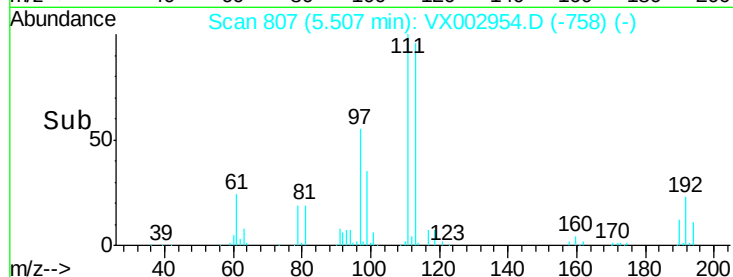
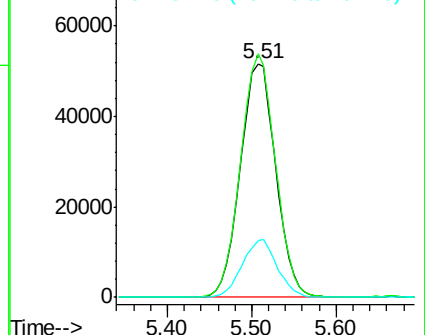
192 24.5 19.1 28.7



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: 19.73 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

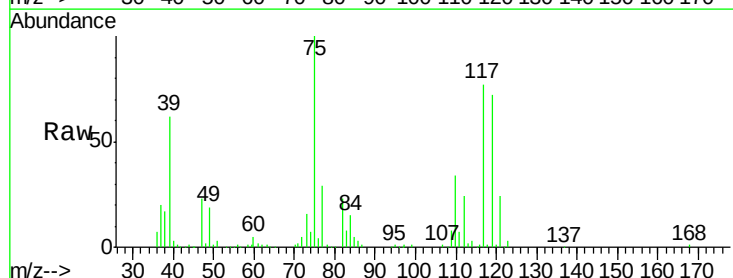
Tgt Ion: 75 Resp: 79547

Ion Ratio Lower Upper

75 100

110 37.9 18.1 54.4

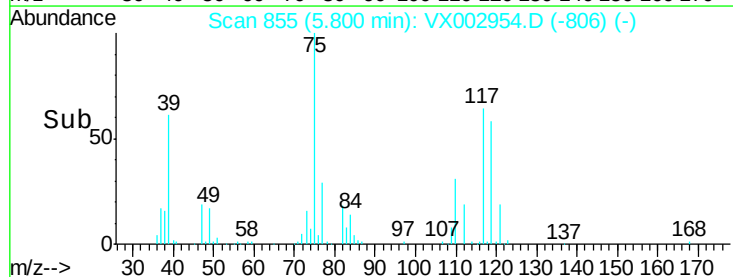
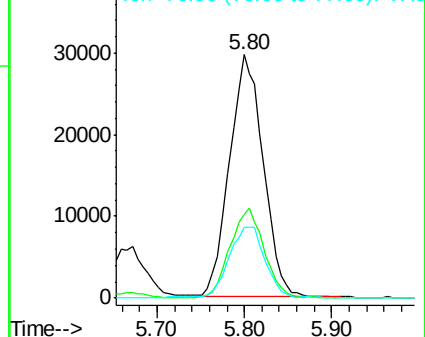
77 30.6 24.3 36.5

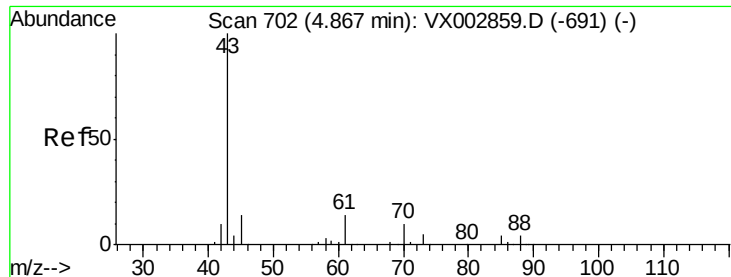


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

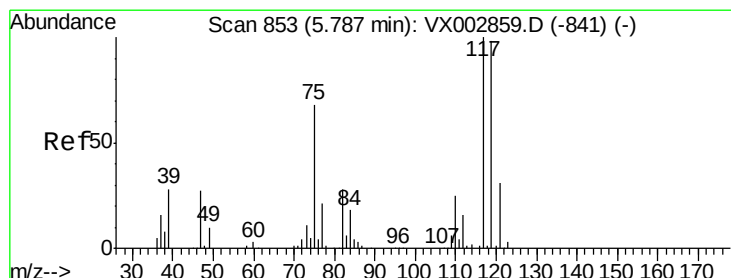
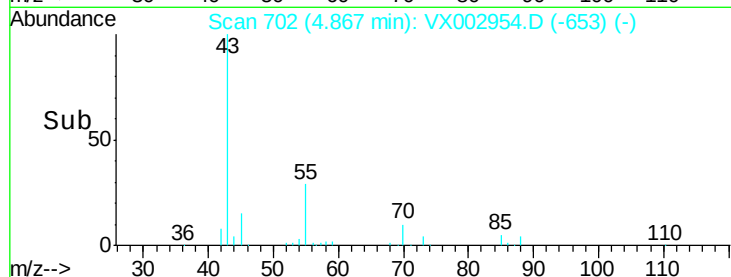
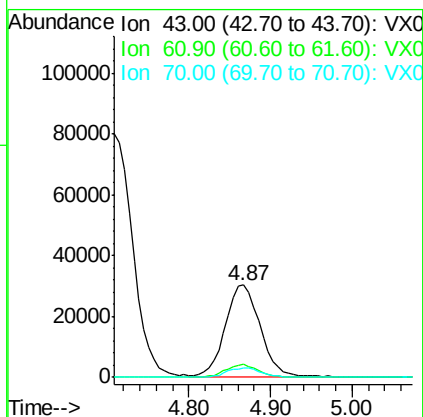
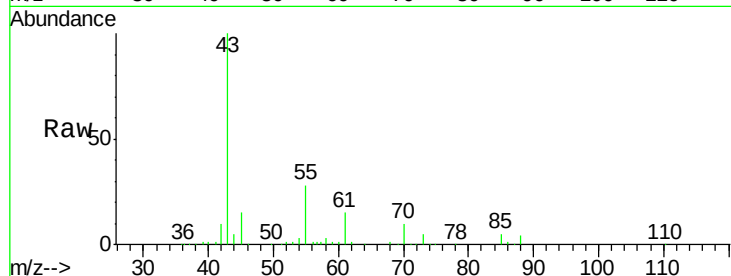




#37
Ethyl Acetate
Concen: 20.50 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

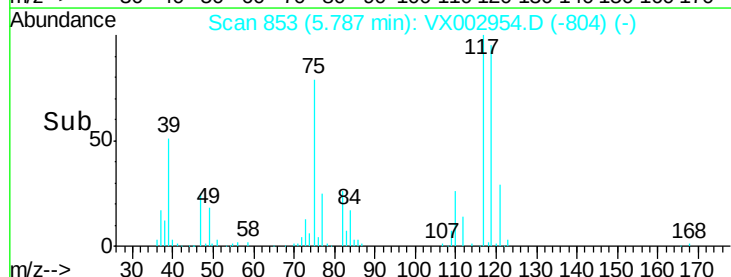
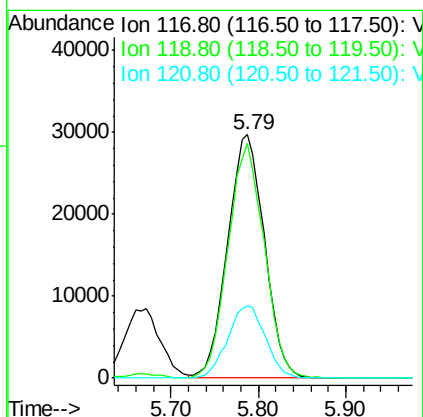
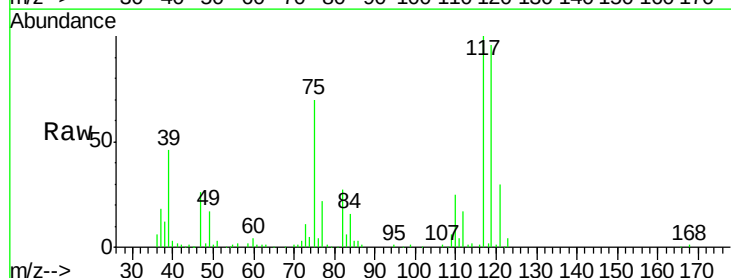
Instrument :
MSVOA_X
ClientSampled :

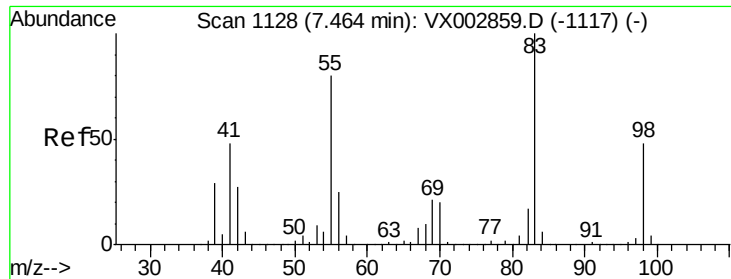
Tot Ion: 43 Resp: 88972
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 117 Resp: 87119
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 29.7 24.4 36.6

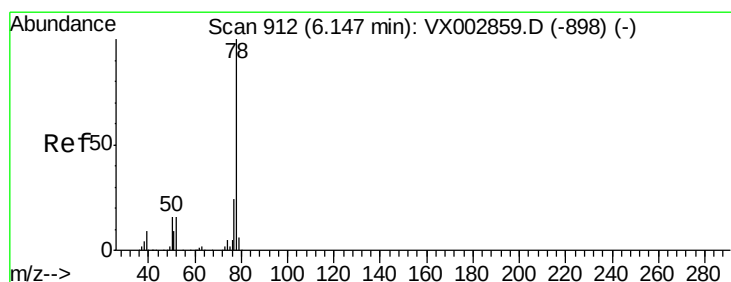
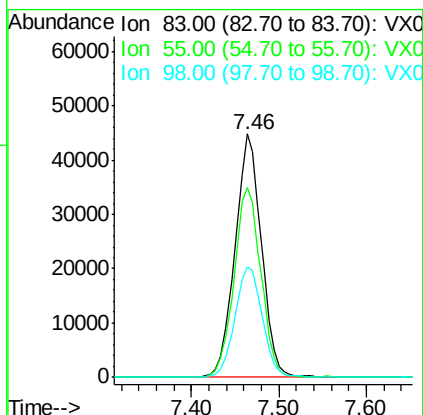
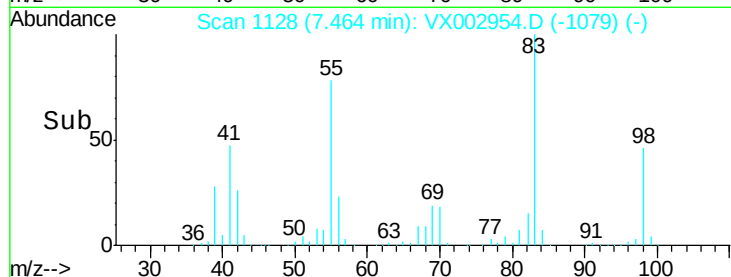
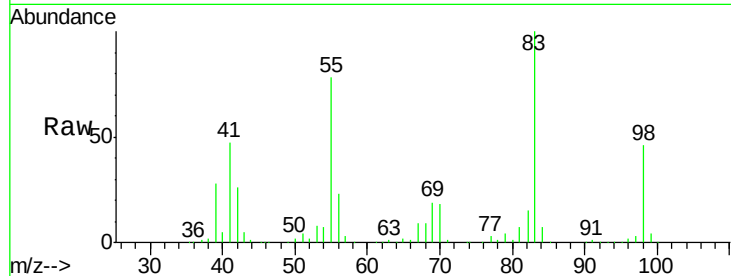




#39
Methylvlcyclohexane
Concen: 20.02 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

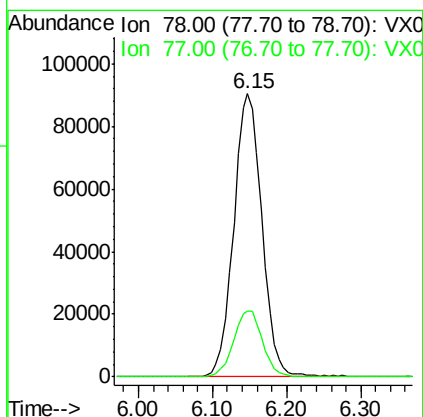
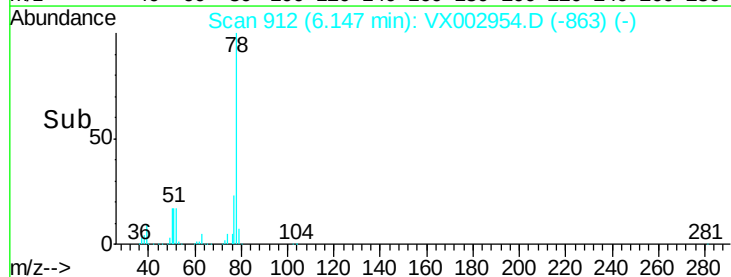
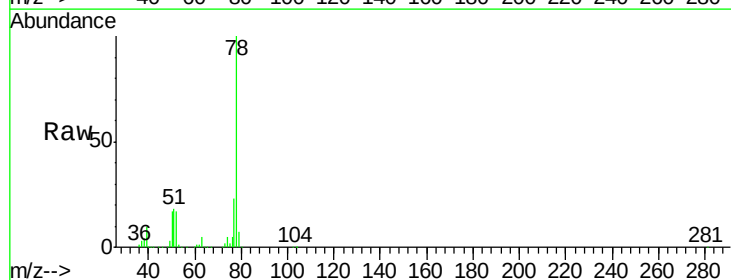
Instrument :
MSVOA_X
ClientSampleId :

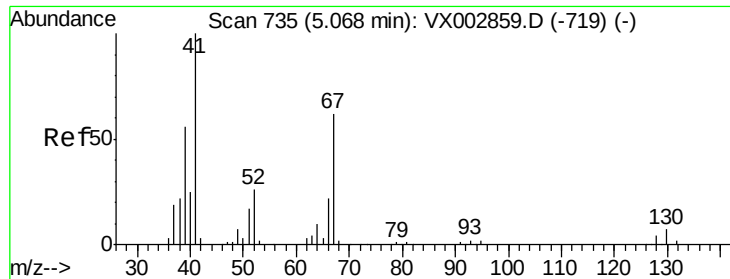
Tot Ion: 83 Resp: 94022
Ion Ratio Lower Upper
83 100
55 77.9 65.4 98.0
98 45.6 37.4 56.0



#40
Benzene
Concen: 20.50 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 78 Resp: 240095
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

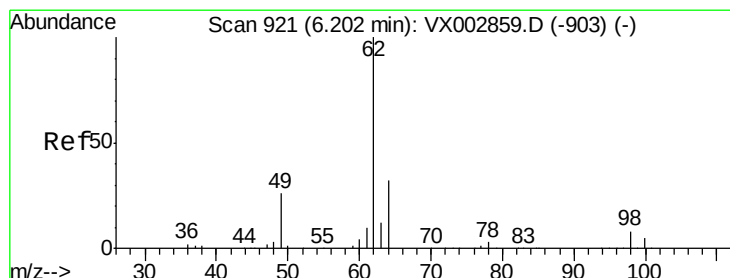
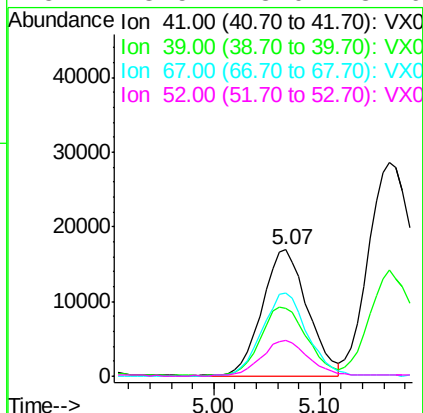
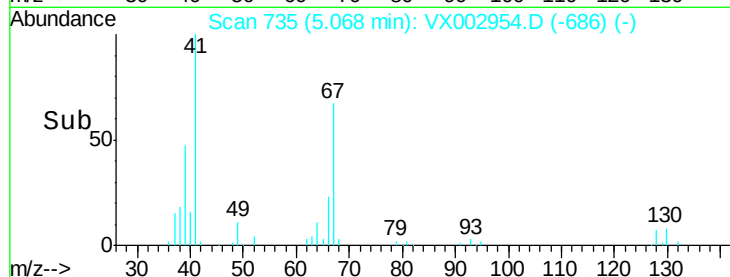
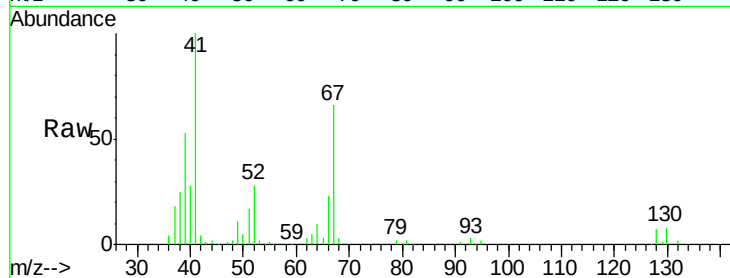




#41
Methacrylonitrile
Concen: 20.03 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

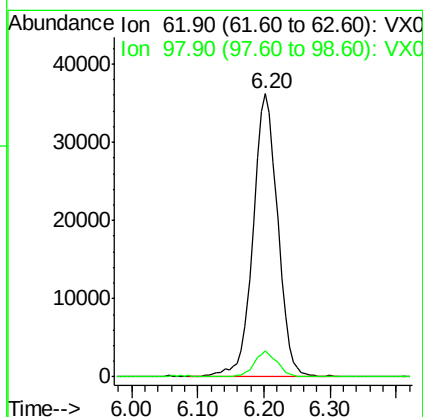
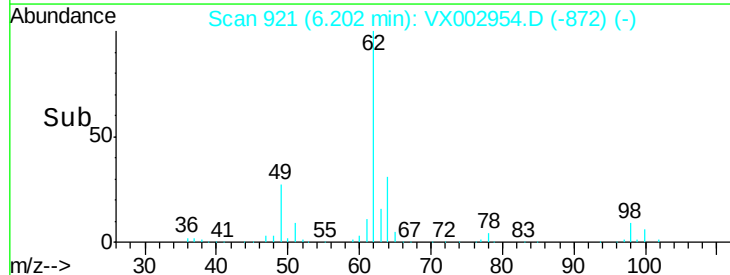
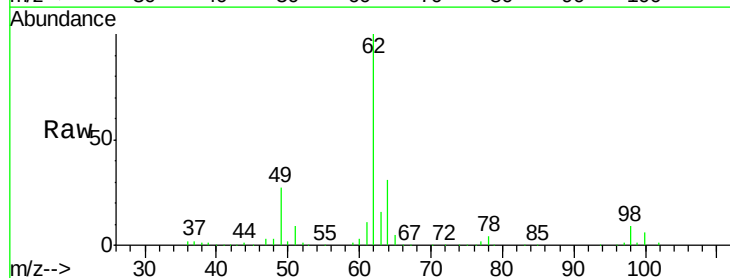
Instrument :
MSVOA_X
ClientSampleId :

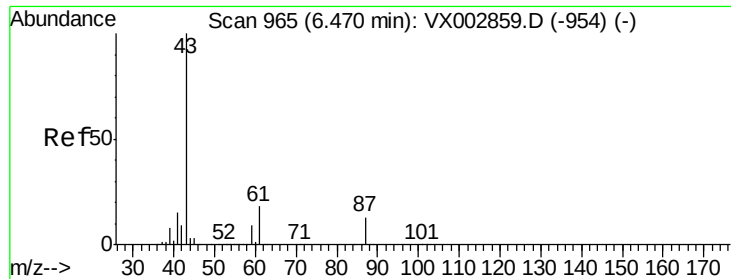
Tot Ion:	41	Resp:	50079
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	65.7	51.3	76.9
52	28.5	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.77 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion:	62	Resp:	93576
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.54 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

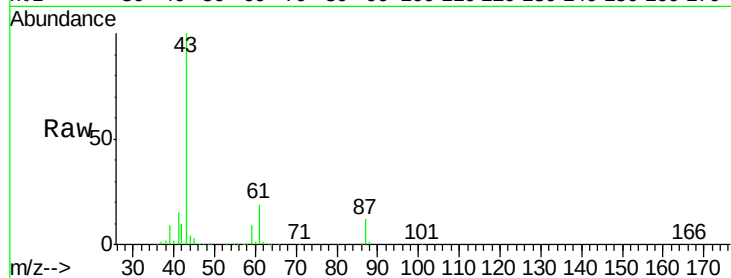
Tot Ion: 43 Resp: 142267

Ion Ratio Lower Upper

43 100

61 18.4 14.4 21.6

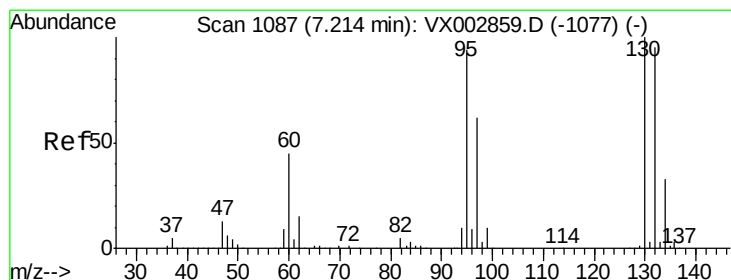
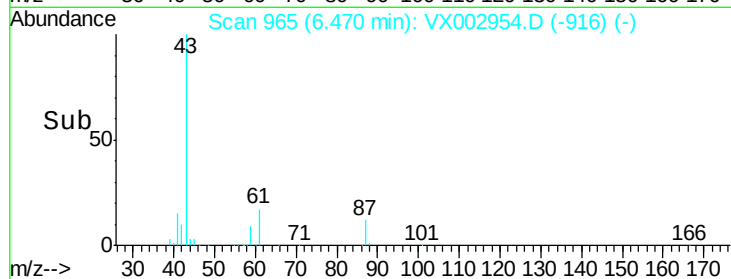
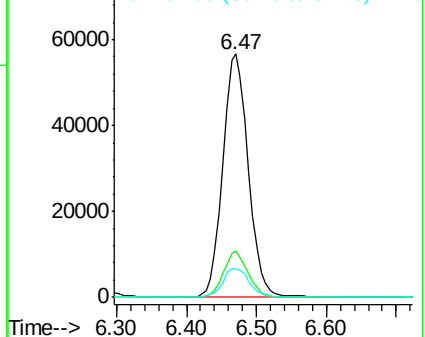
87 12.3 9.5 14.3



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: 20.33 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002954.D

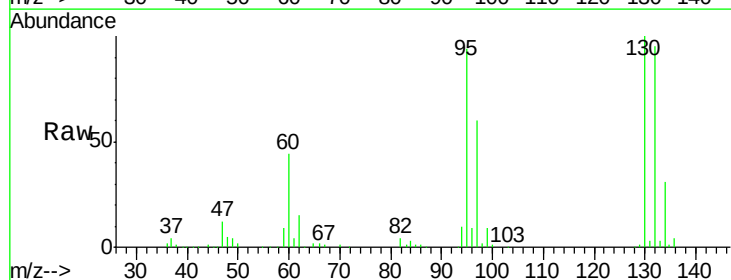
Acq: 28 Jun 2018 00:00

Tgt Ion:130 Resp: 71021

Ion Ratio Lower Upper

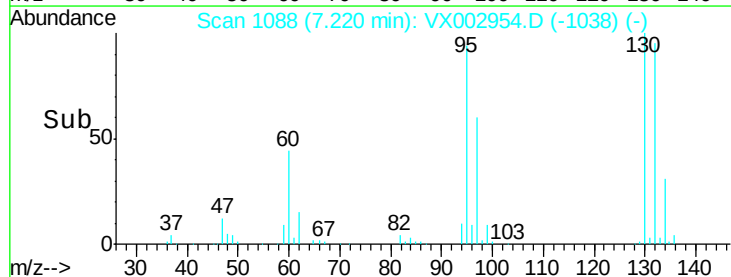
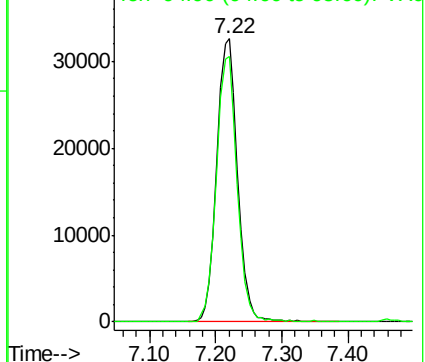
130 100

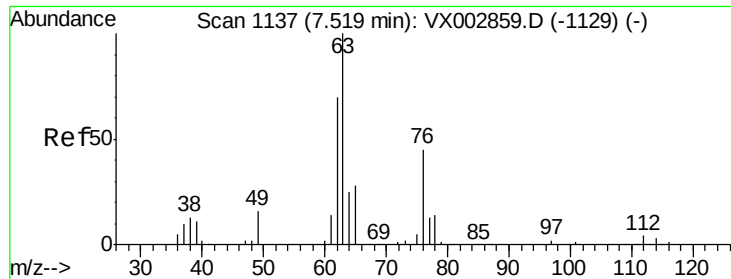
95 93.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

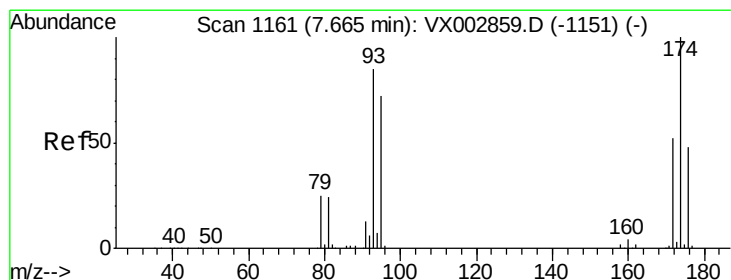
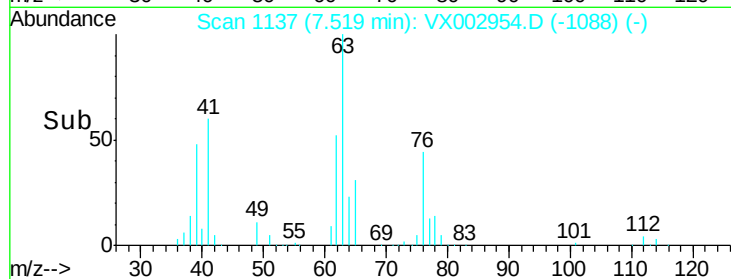
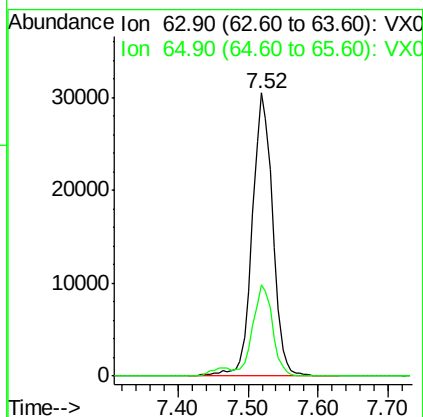
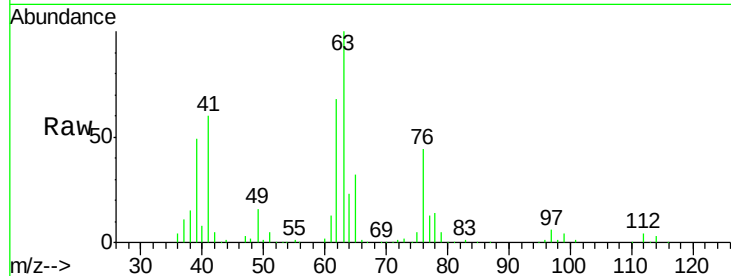




#45
 1,2-Dichloropropane
 Concen: 19.93 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

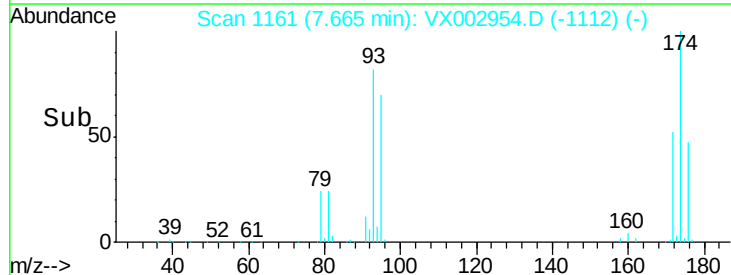
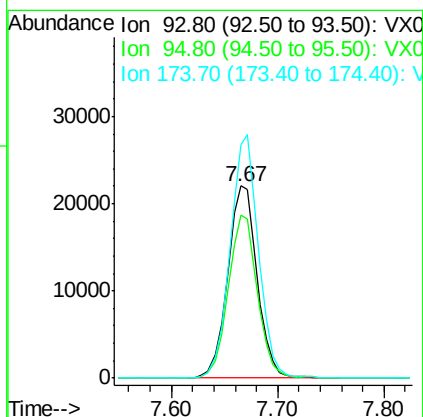
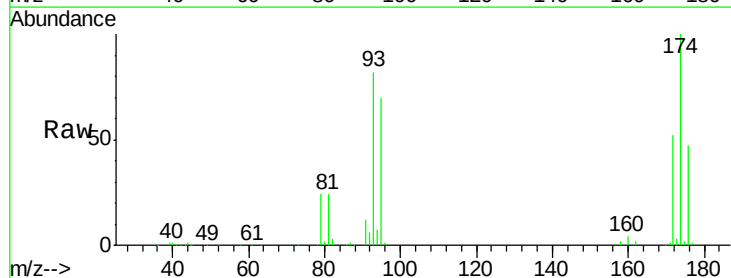
Instrument :
 MSVOA_X
 ClientSampleId :

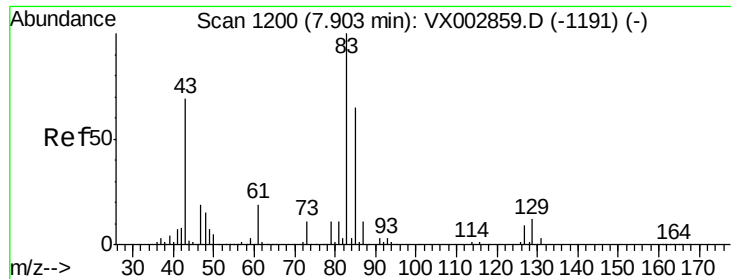
Tot Ion: 63 Resp: 61945
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.7 37.1



#46
 Dibromomethane
 Concen: 19.79 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Tgt Ion: 93 Resp: 42669
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.9 98.9
 174 121.4 92.4 138.6





#47

Bromodichloromethane

Concen: 19.39 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampled :

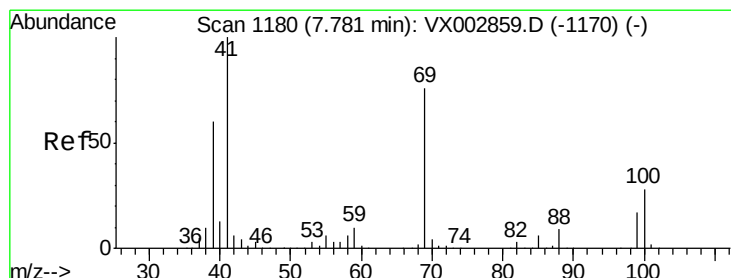
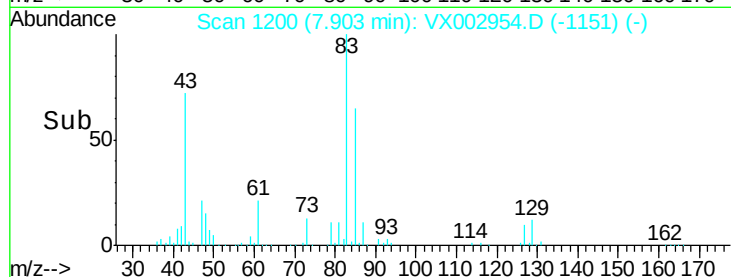
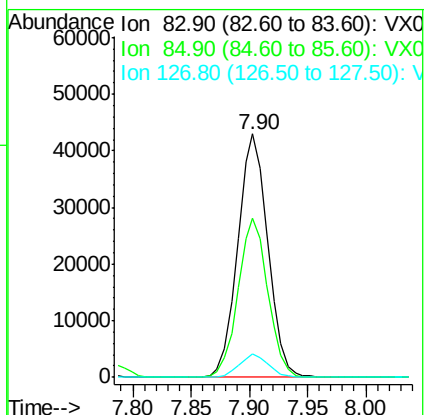
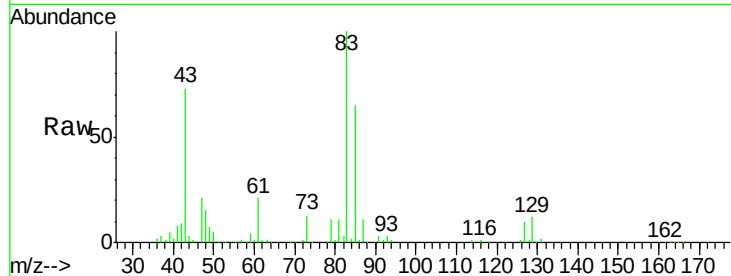
Tot Ion: 83 Resp: 77298

Ion Ratio Lower Upper

83 100

85 65.4 50.3 75.5

127 9.6 7.0 10.4



#48

Methyl methacrylate

Concen: 19.39 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

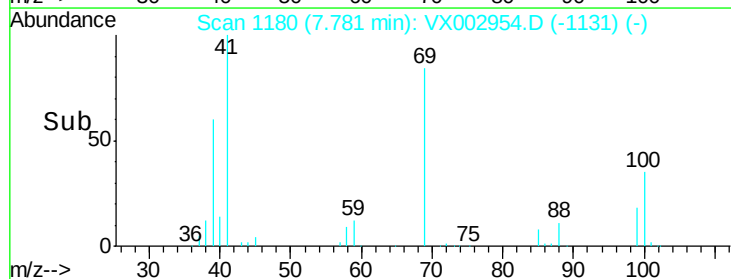
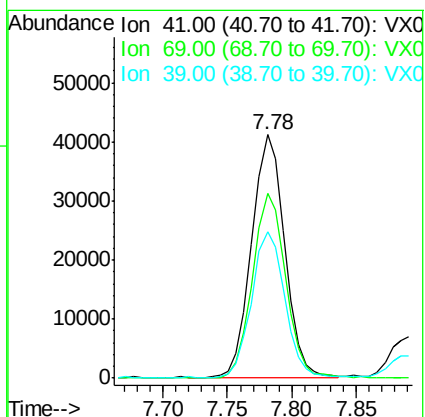
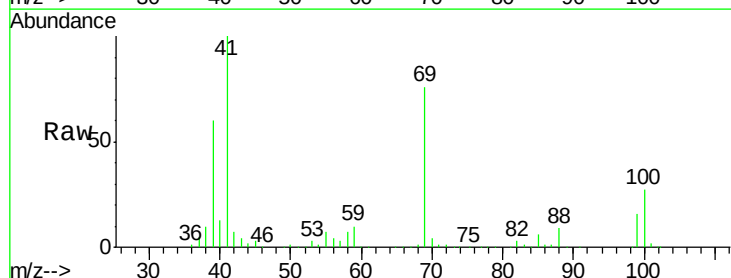
Tgt Ion: 41 Resp: 72751

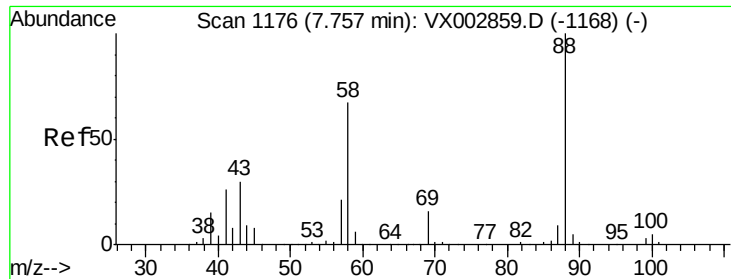
Ion Ratio Lower Upper

41 100

69 76.9 59.1 88.7

39 60.4 48.9 73.3

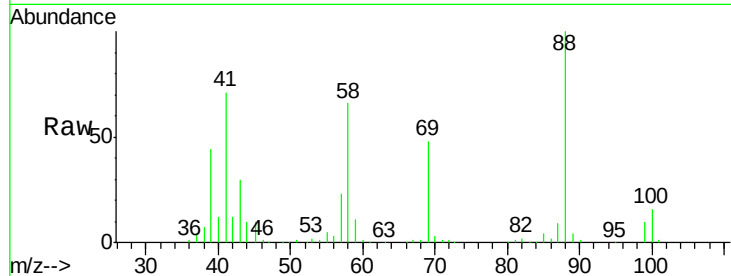




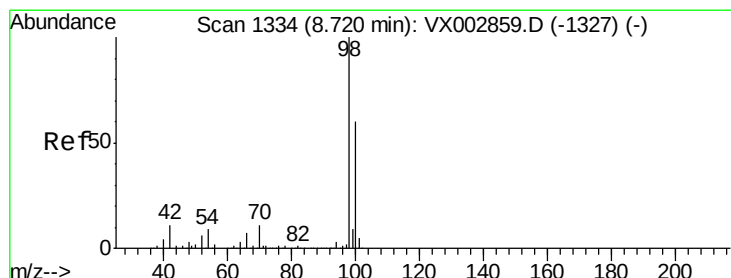
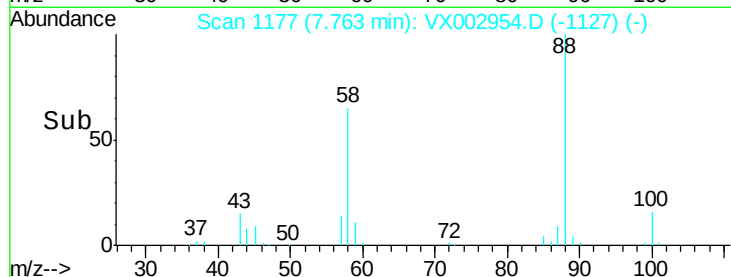
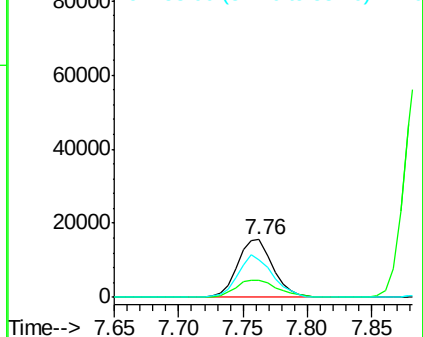
#49
1,4-Dioxane
Concen: 410.75 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 29978
Ion Ratio Lower Upper
88 100
43 33.9 29.8 44.6
58 70.9 57.1 85.7

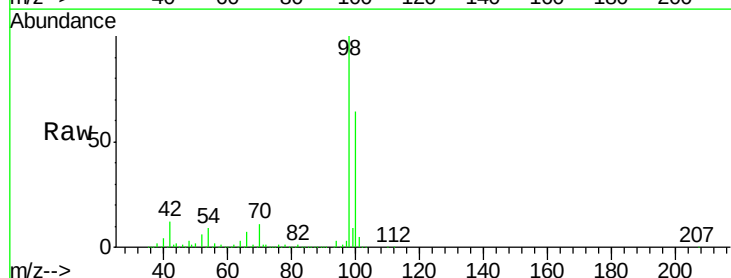


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

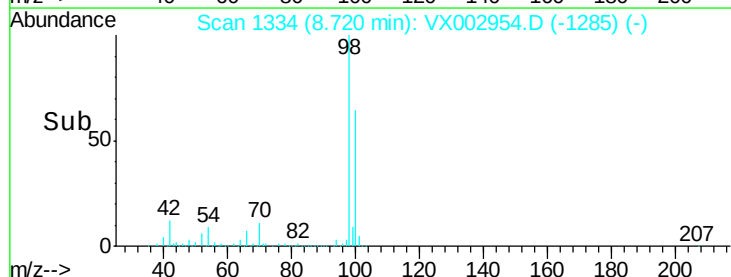
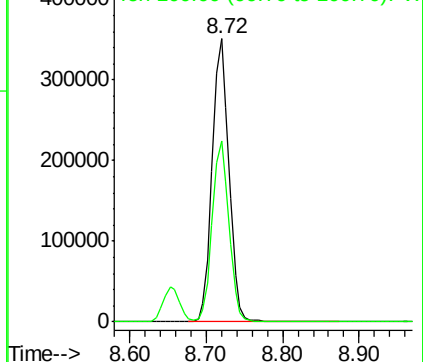


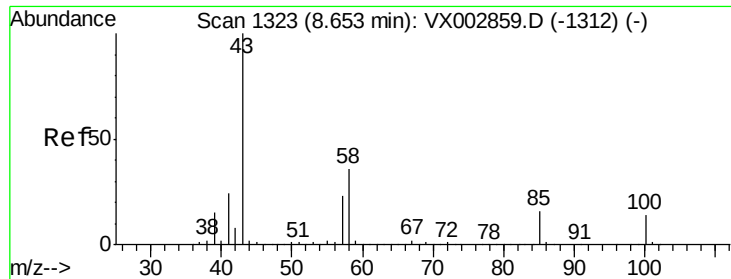
#50
Toluene-d8
Concen: 50.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 98 Resp: 535501
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



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: 101.27 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

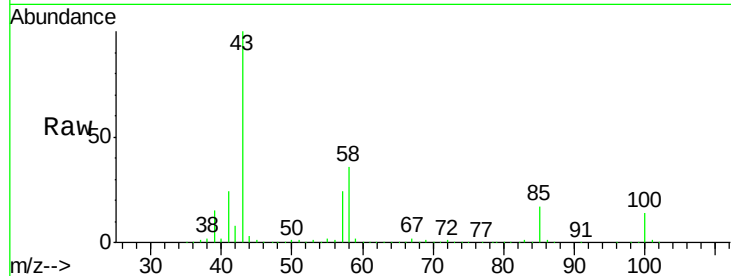
ClientSampled :

Tot Ion: 43 Resp: 461294

Ion Ratio Lower Upper

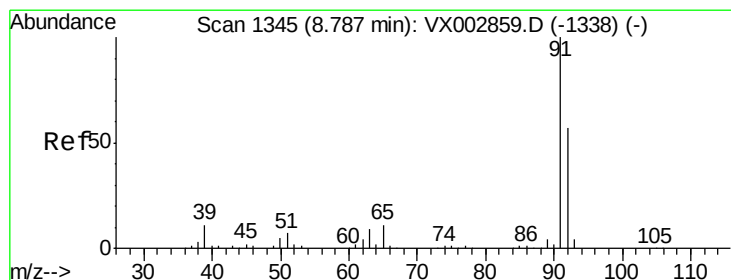
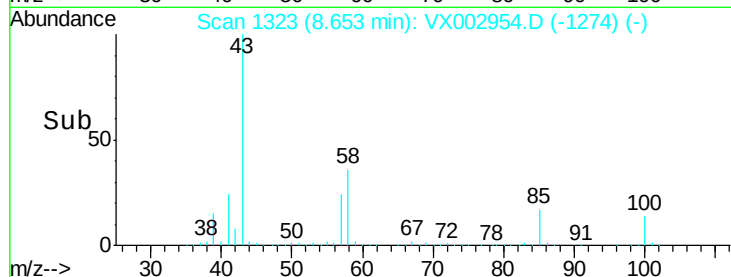
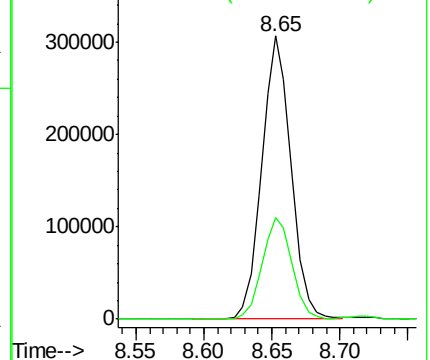
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.49 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002954.D

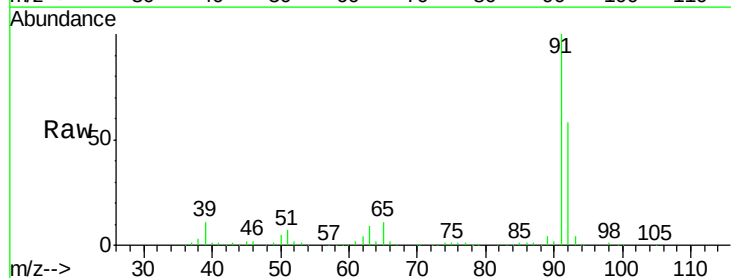
Acq: 28 Jun 2018 00:00

Tgt Ion: 92 Resp: 153787

Ion Ratio Lower Upper

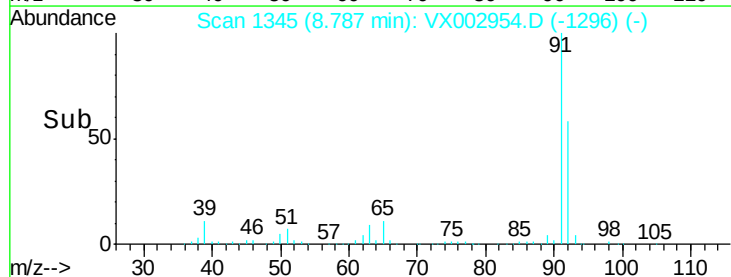
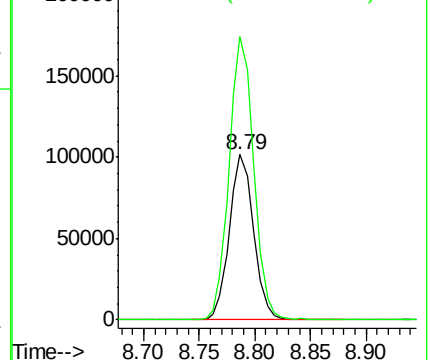
92 100

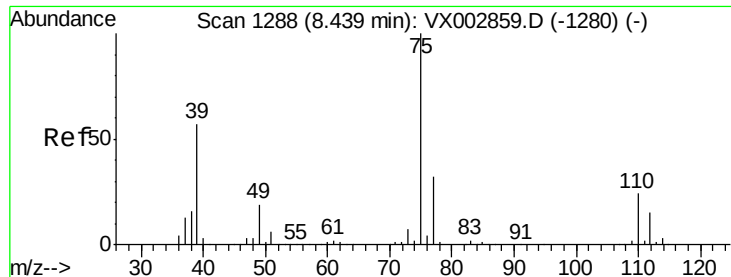
91 173.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.02 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

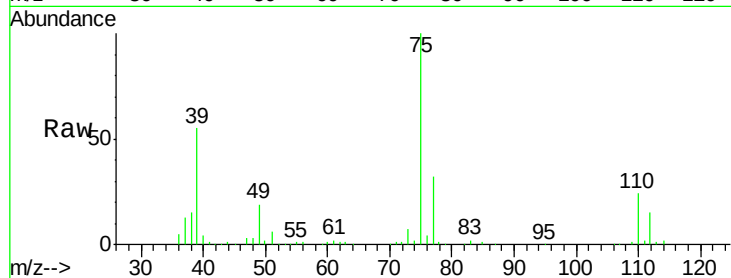
ClientSampleId :

Tot Ion: 75 Resp: 85864

Ion Ratio Lower Upper

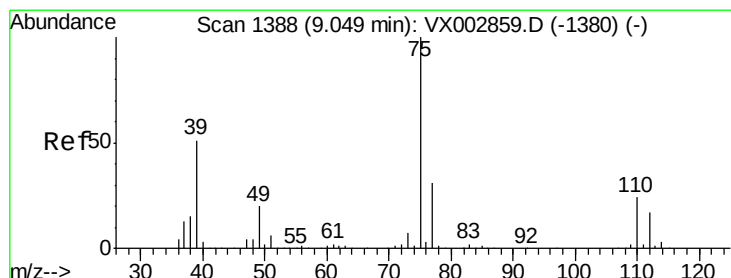
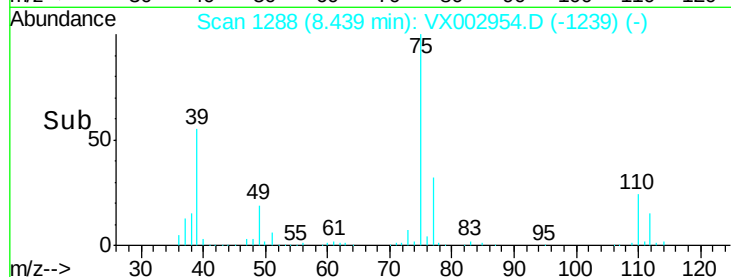
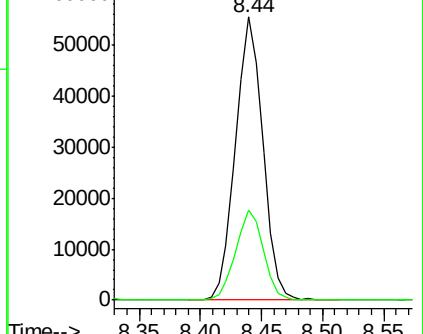
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.17 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

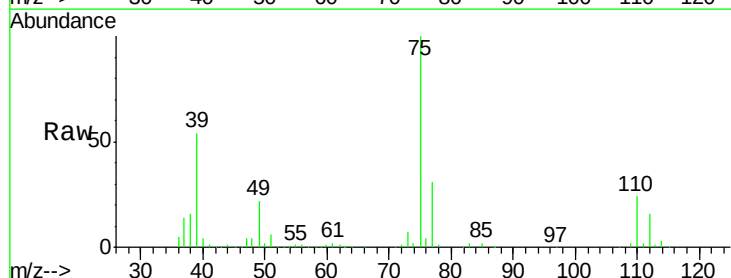
Tgt Ion: 75 Resp: 78956

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

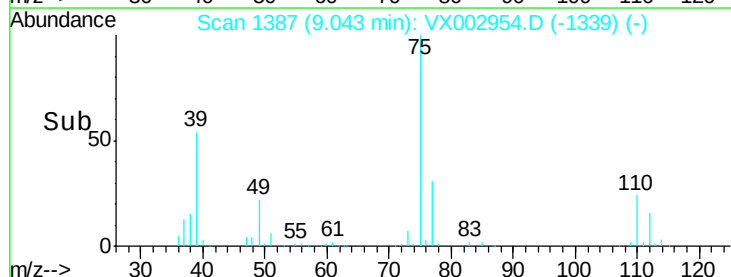
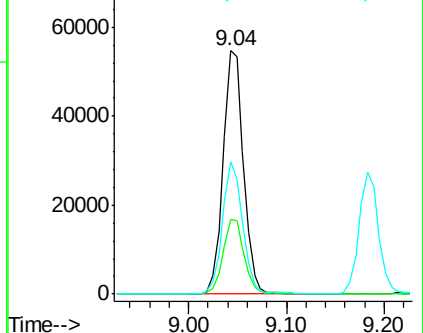
39 54.1 42.4 63.6

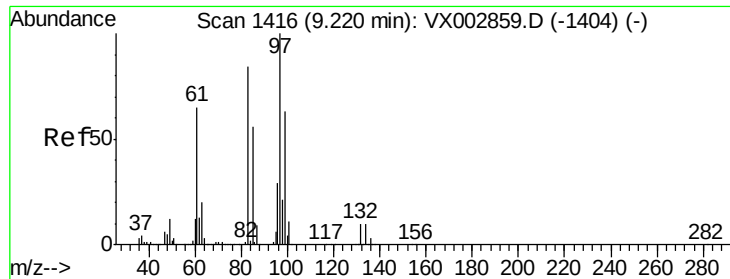


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

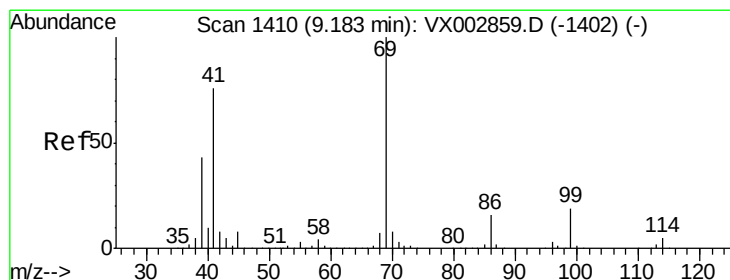
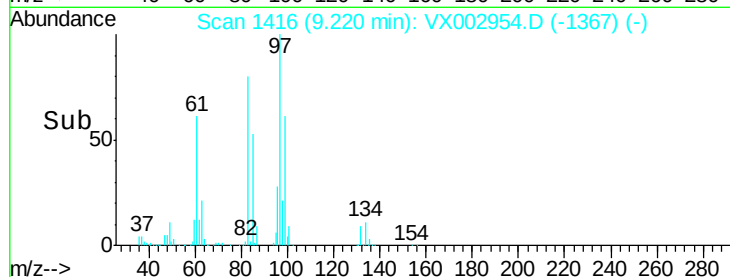
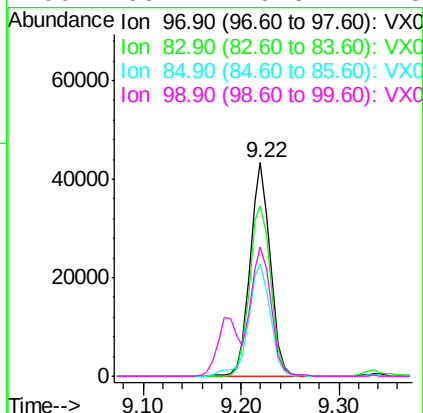
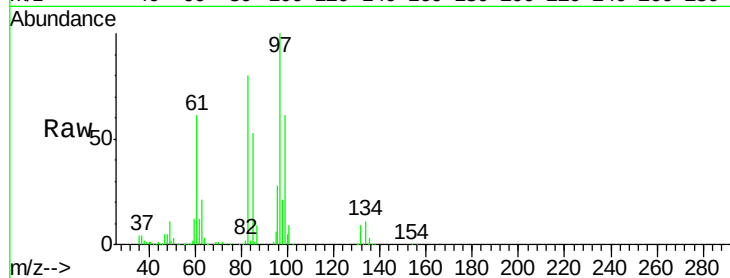




#55
 1,1,2-Trichloroethane
 Concen: 20.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

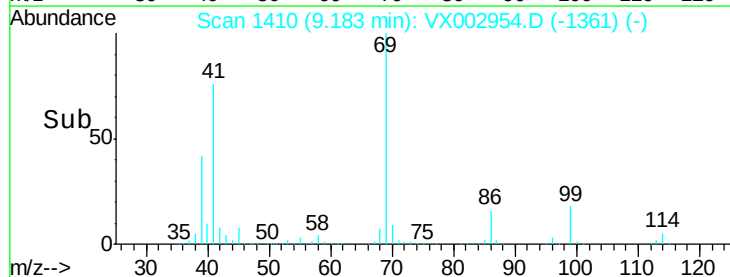
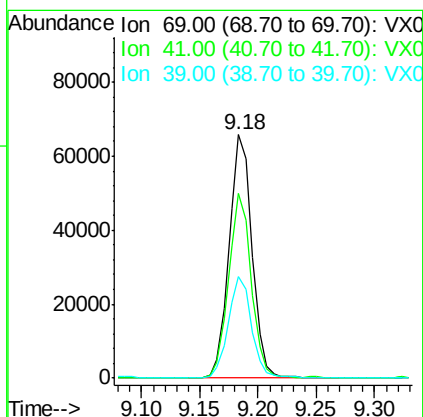
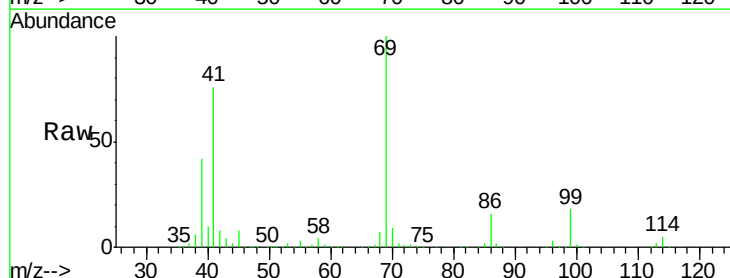
Instrument :
 MSVOA_X
 ClientSampleId :

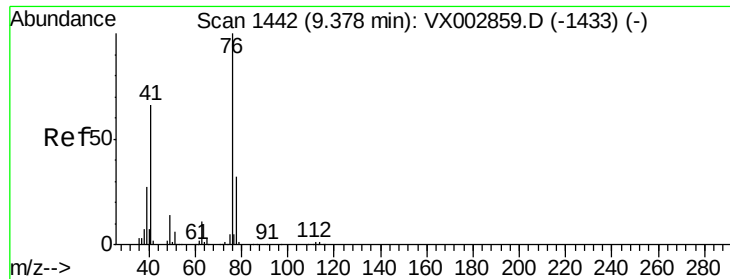
Tot Ion:	97	Resp:	61877
Ion	Ratio	Lower	Upper
97	100		
83	79.5	70.2	105.2
85	52.9	44.9	67.3
99	60.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.04 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Tgt Ion:	69	Resp:	90306
Ion	Ratio	Lower	Upper
69	100		
41	74.2	60.3	90.5
39	42.2	35.8	53.8

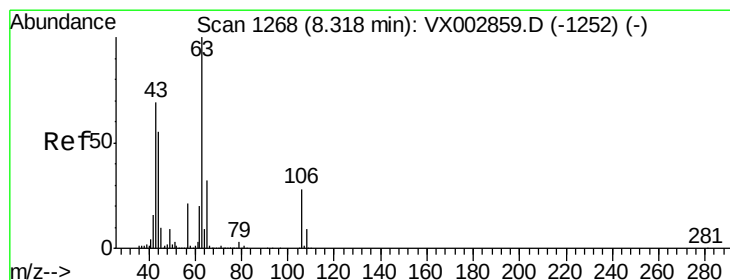
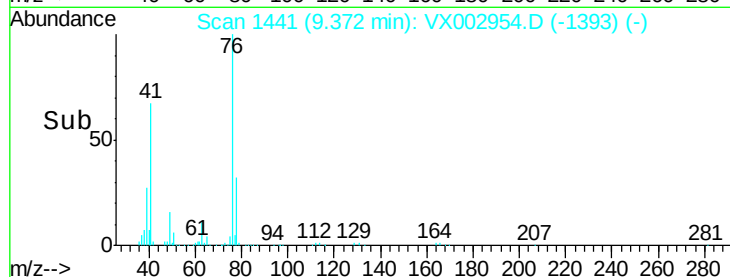
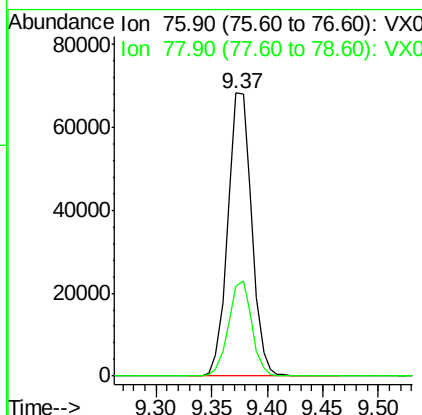
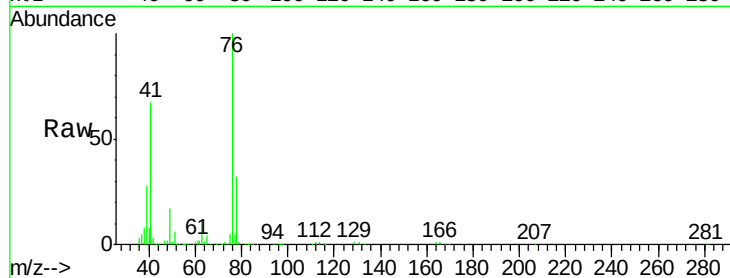




#57
 1,3-Dichloropropane
 Concen: 20.00 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

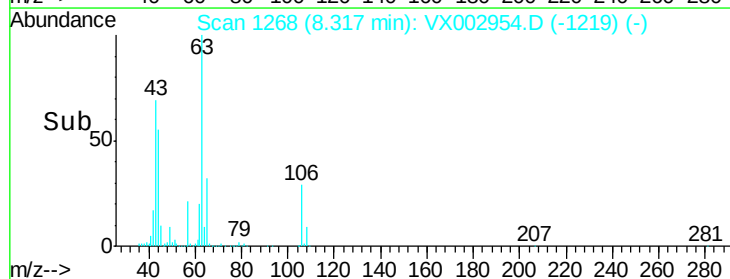
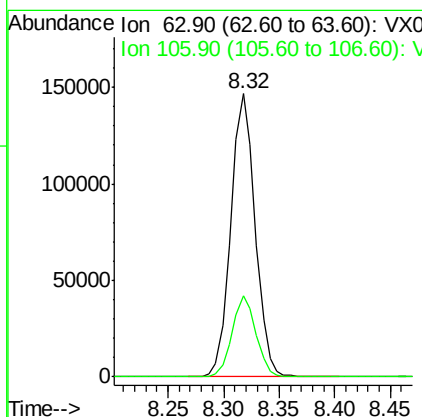
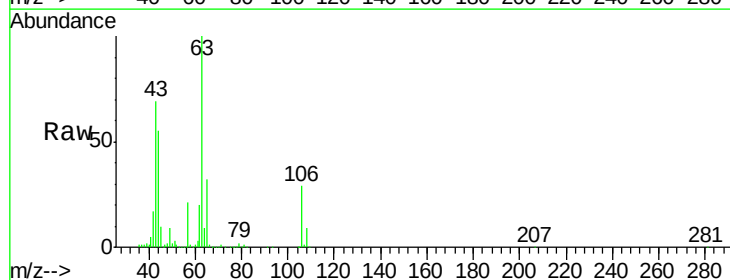
Instrument :
 MSVOA_X
 ClientSampleId :

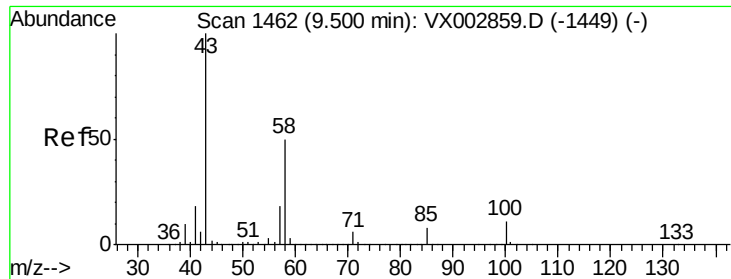
Tot Ion: 76 Resp: 101320
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.04 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Tgt Ion: 63 Resp: 221864
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

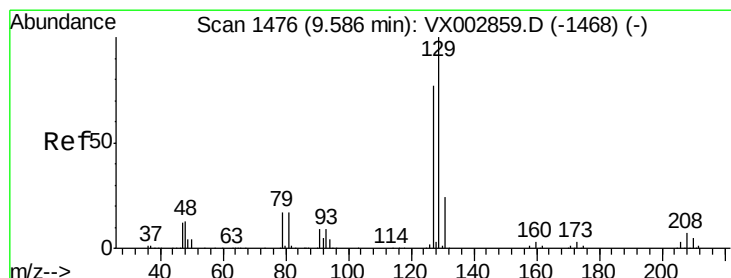
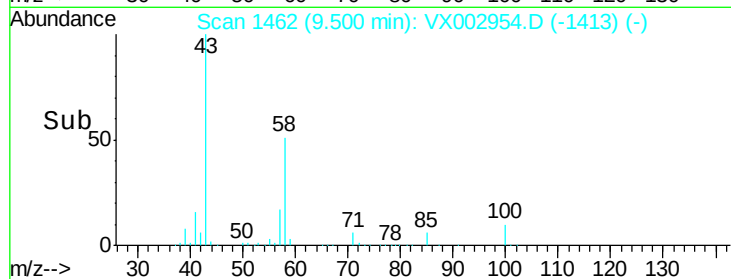
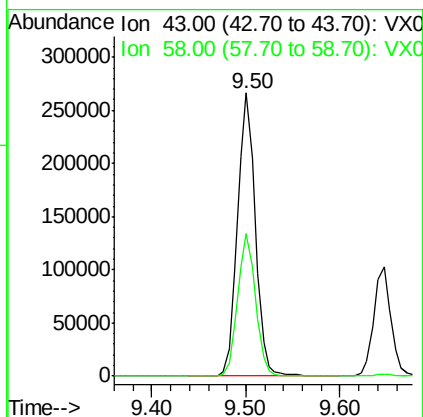
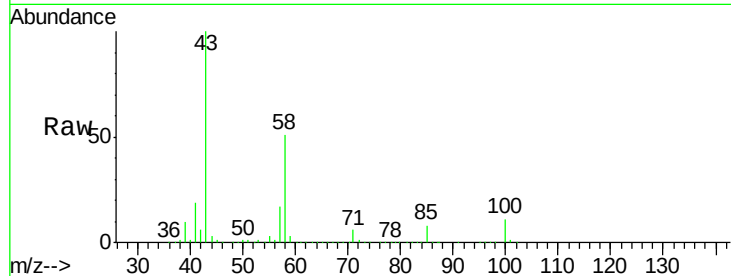




#59
2-Hexanone
Concen: 101.21 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

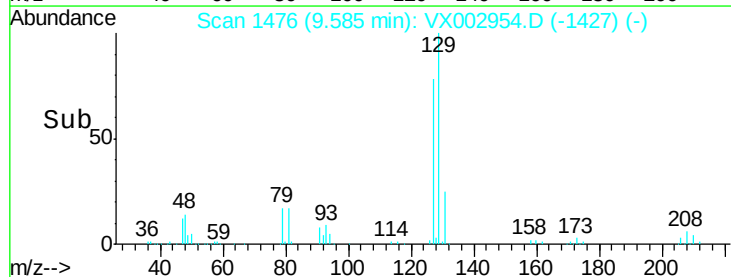
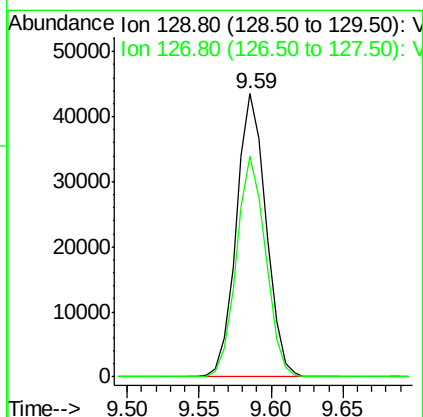
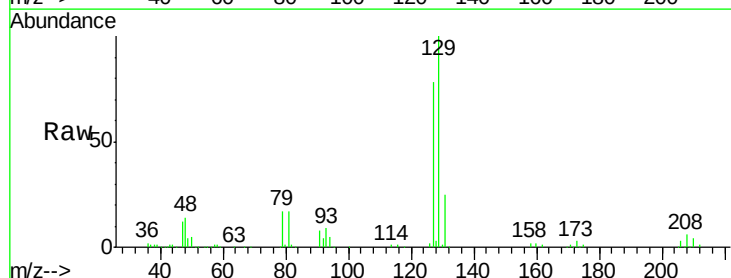
Instrument :
MSVOA_X
ClientSampleId :

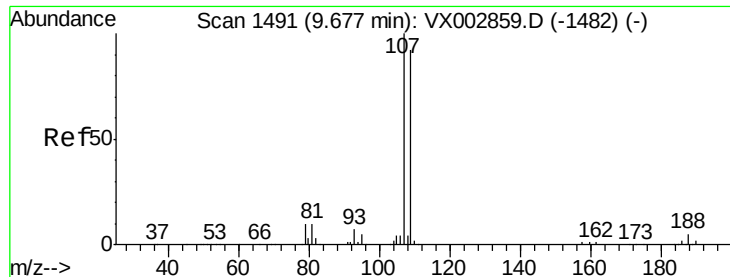
Tot Ion: 43 Resp: 350361
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6



#60
Dibromochloromethane
Concen: 19.22 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 129 Resp: 62387
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.98 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

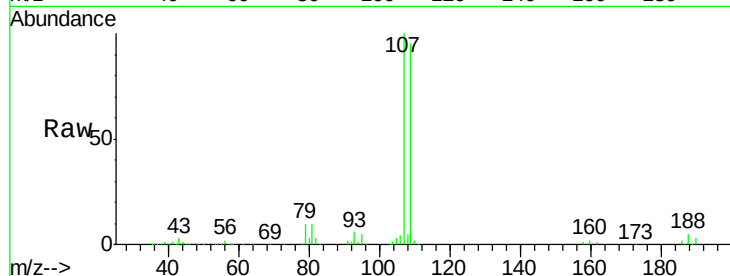
ClientSampled :

Tot Ion:107 Resp: 64641

Ion Ratio Lower Upper

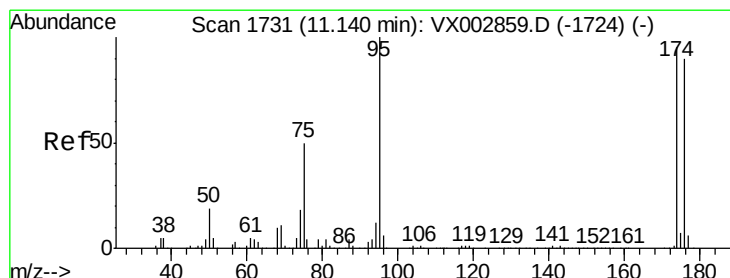
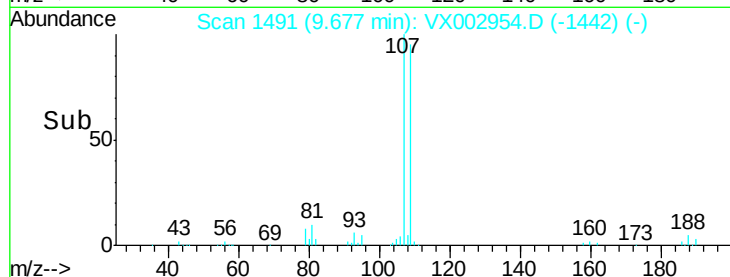
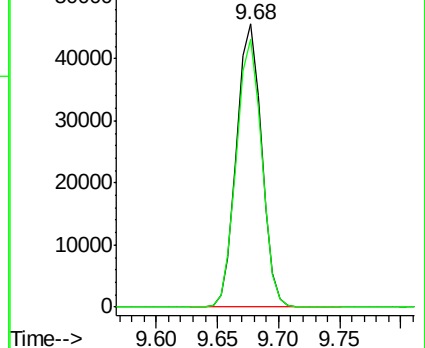
107 100

109 95.4 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: 49.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

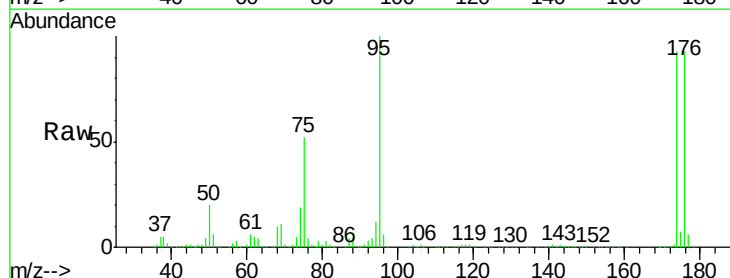
Tgt Ion: 95 Resp: 202745

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

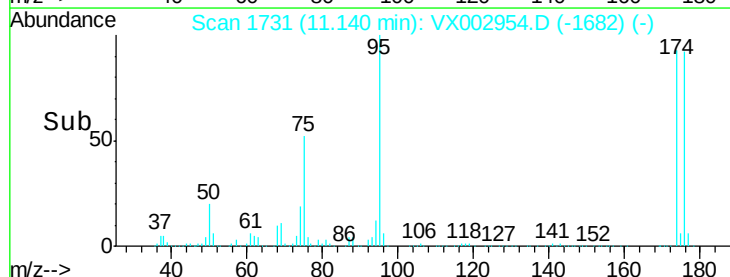
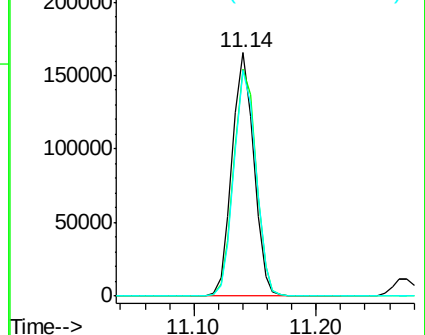
176 94.0 0.0 181.0

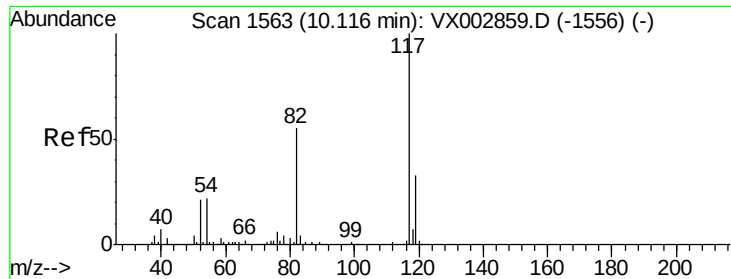


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

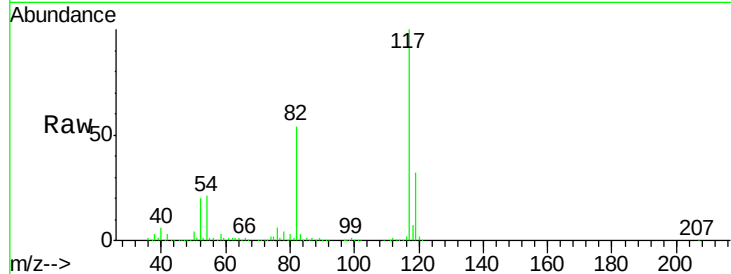




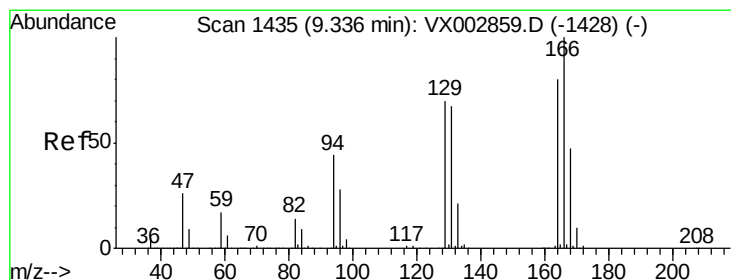
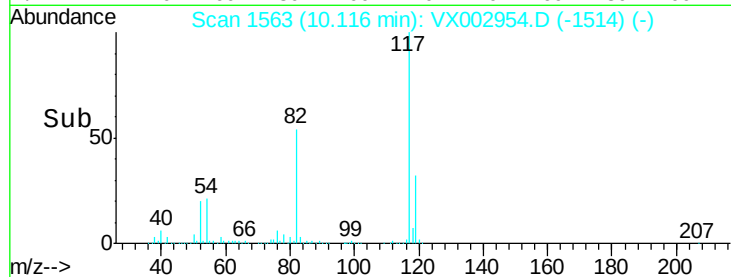
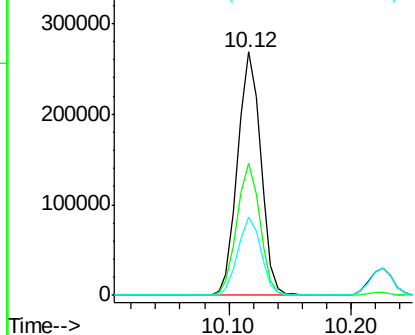
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 352023
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.0 25.8 38.6

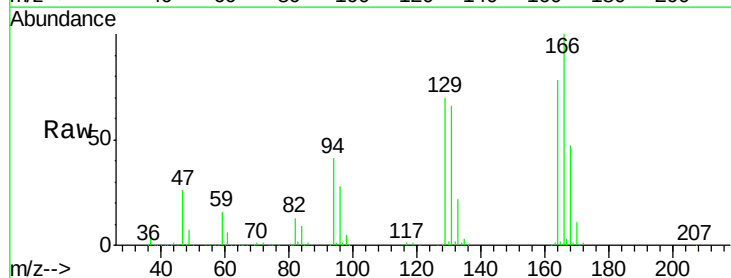


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

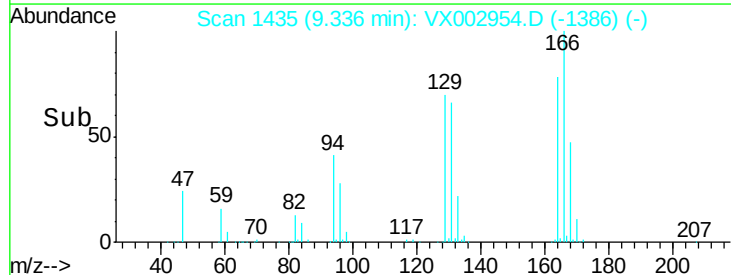
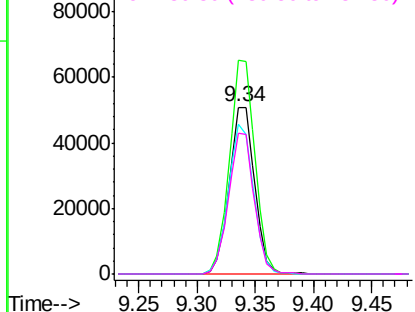


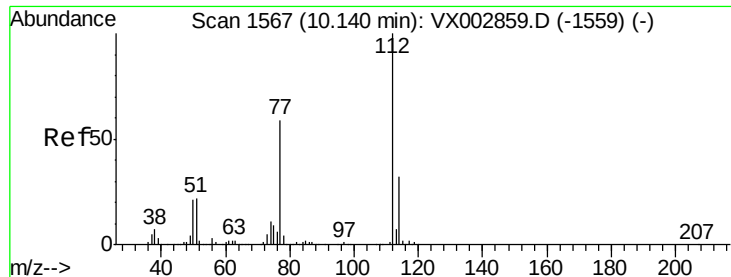
#64
Tetrachloroethene
Concen: 19.76 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion:164 Resp: 77327
Ion Ratio Lower Upper
164 100
166 128.2 102.9 154.3
129 89.6 68.6 102.8
131 84.6 66.8 100.2



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

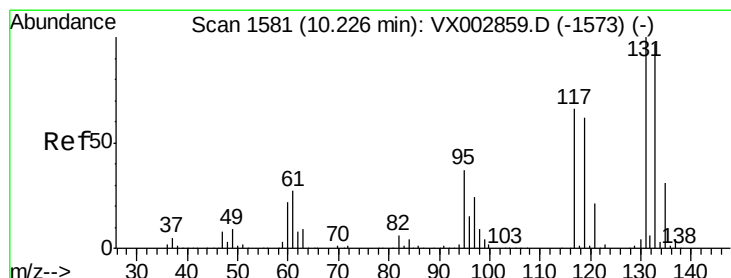
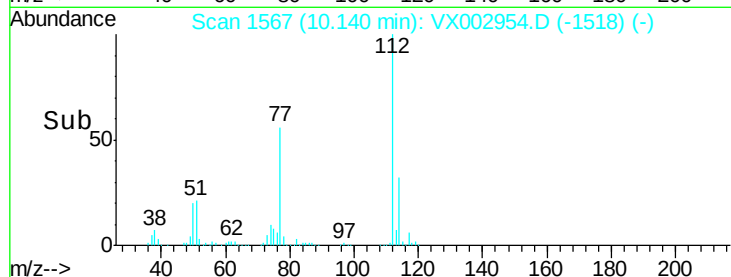
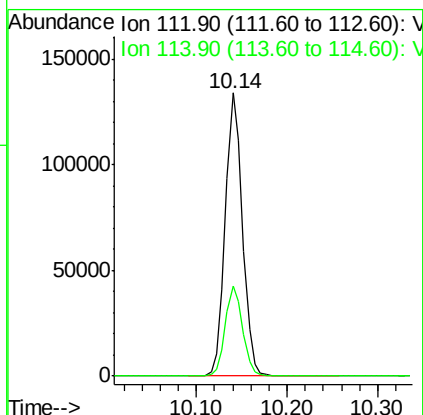
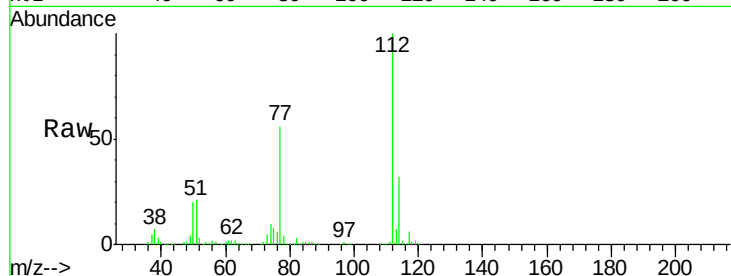




#65
Chlorobenzene
Concen: 19.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

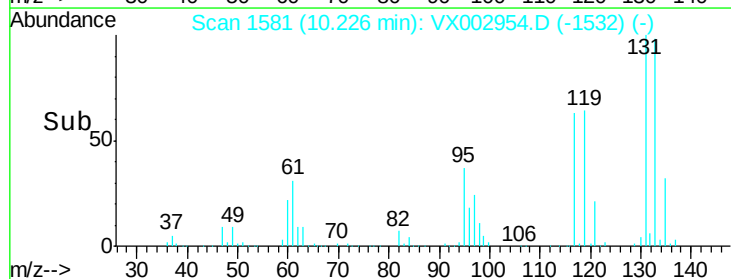
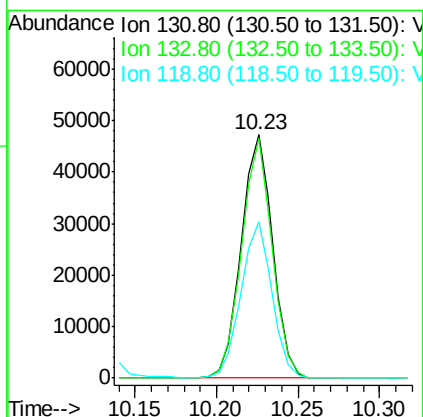
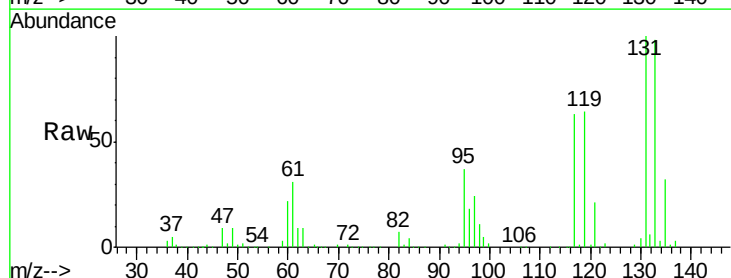
Instrument :
MSVOA_X
ClientSampleId :

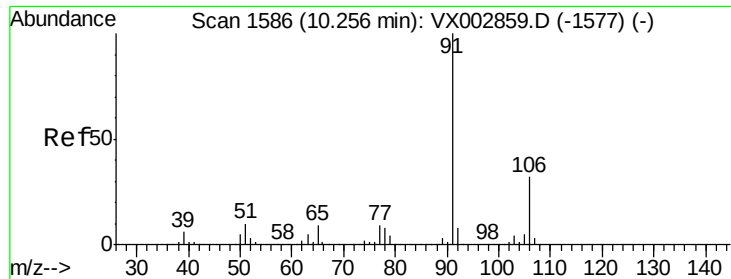
Tot Ion:112 Resp: 177001
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.52 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion:131 Resp: 63409
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 63.6 31.8 95.3

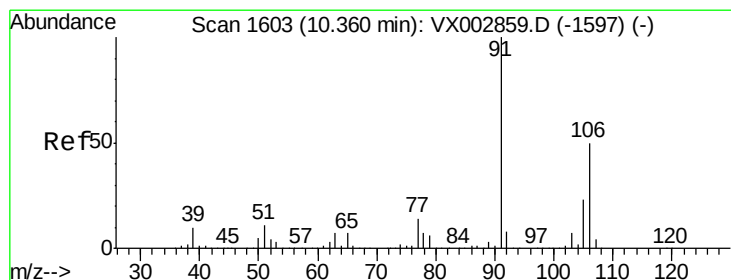
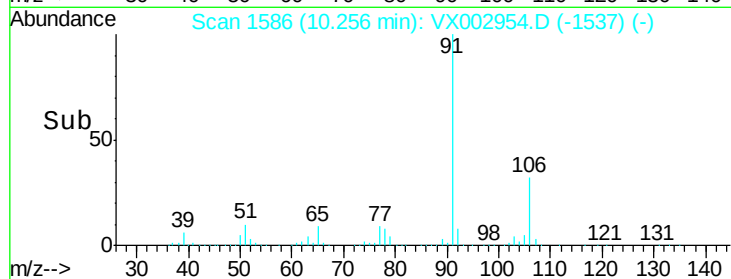
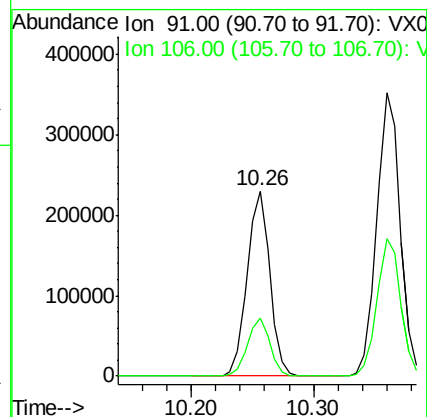
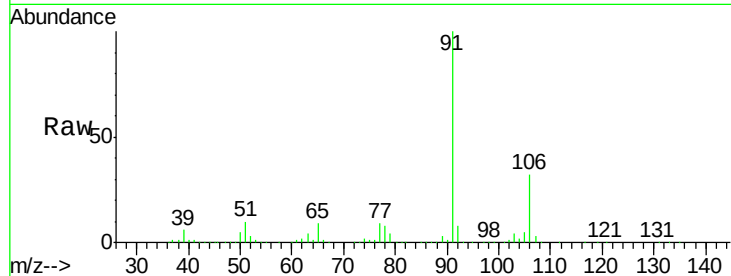




#67
Ethyl Benzene
Concen: 20.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

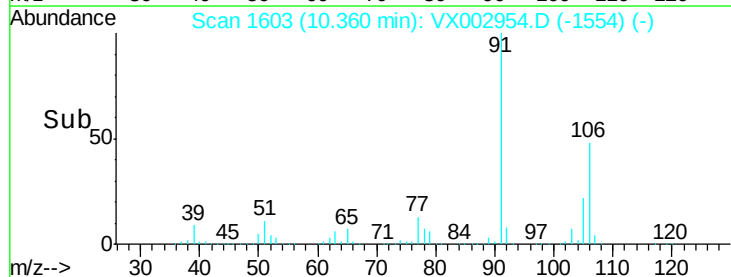
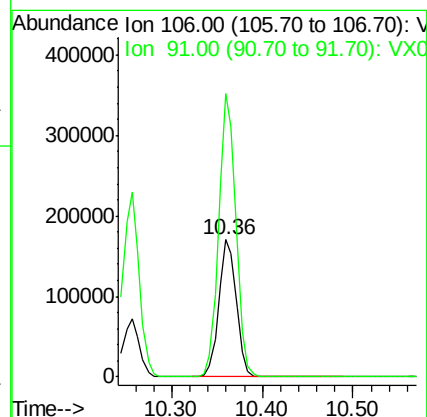
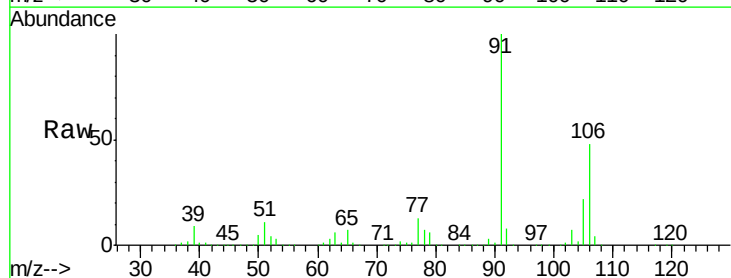
Instrument :
MSVOA_X
ClientSampleId :

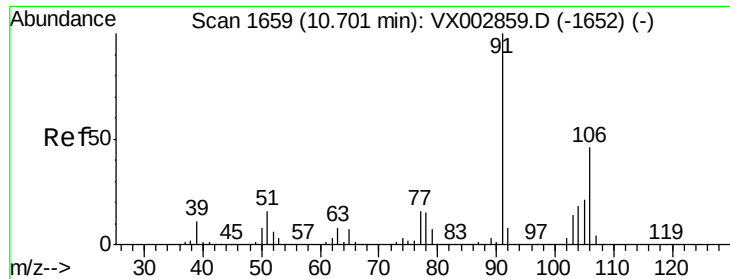
Tot Ion: 91 Resp: 295376
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 40.60 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 106 Resp: 231104
Ion Ratio Lower Upper
106 100
91 202.5 163.4 245.2

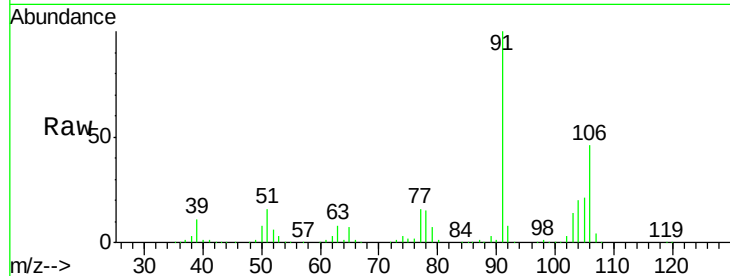




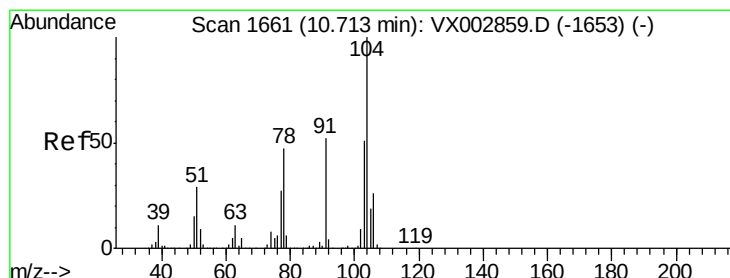
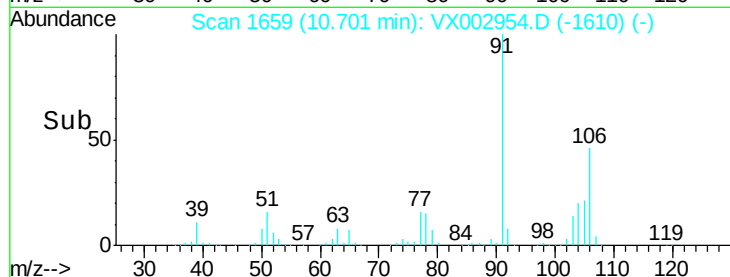
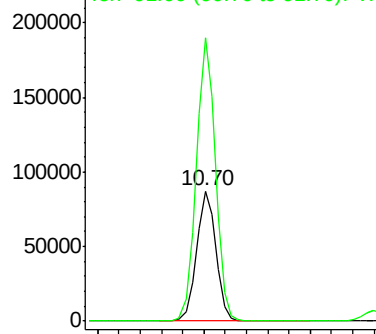
#69
o-Xylene
Concen: 19.98 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 110773
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6

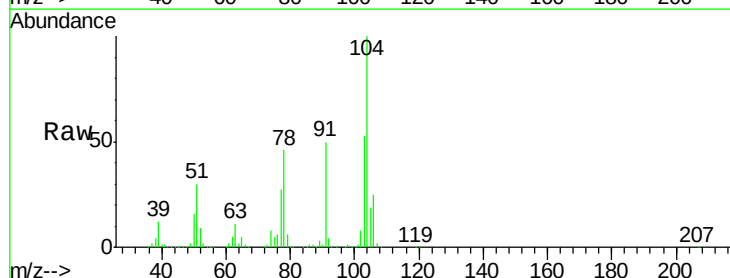


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

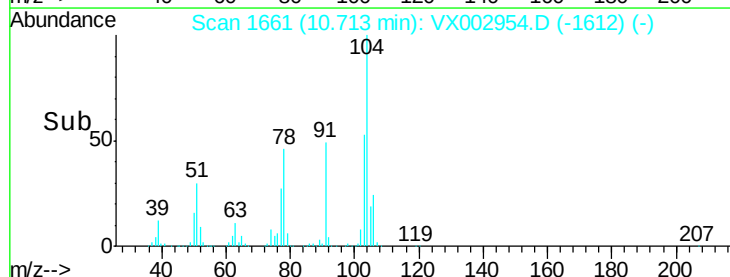
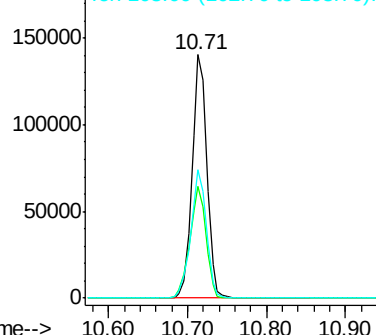


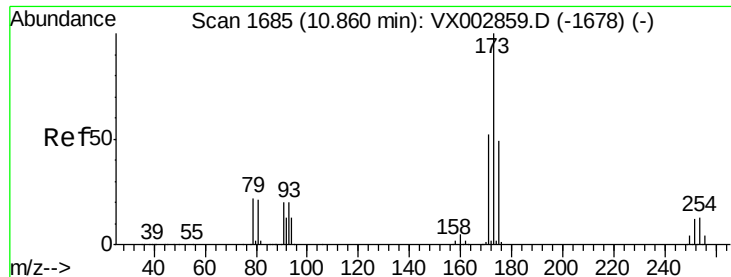
#70
Styrene
Concen: 20.35 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion:104 Resp: 183303
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.9 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

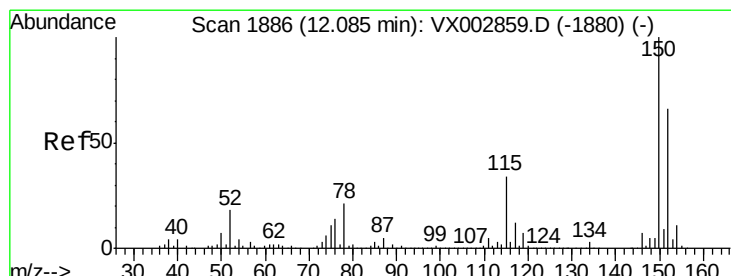
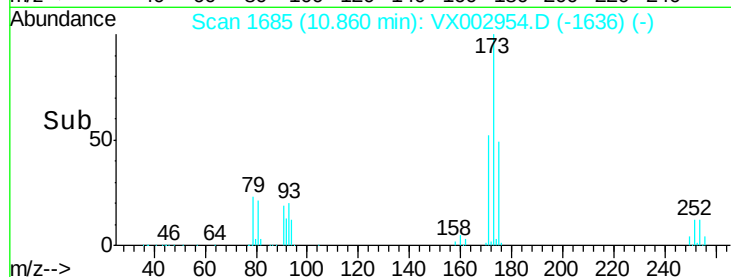
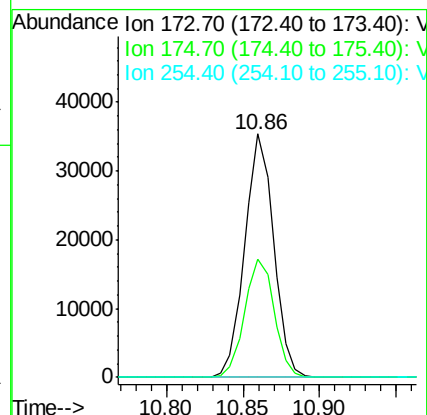
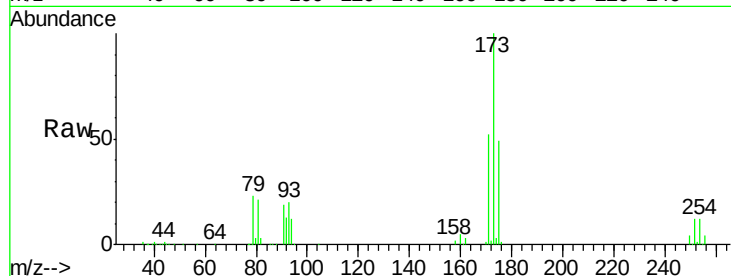




#71
Bromoform
Concen: 18.48 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

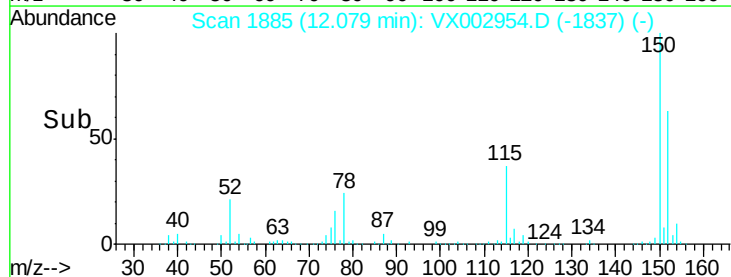
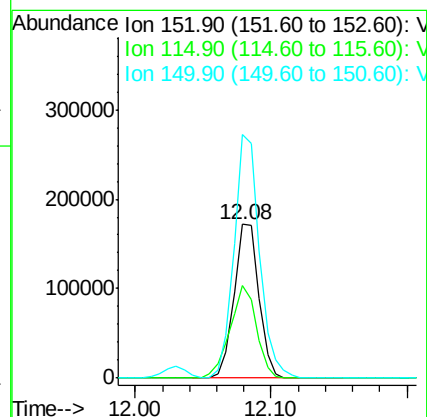
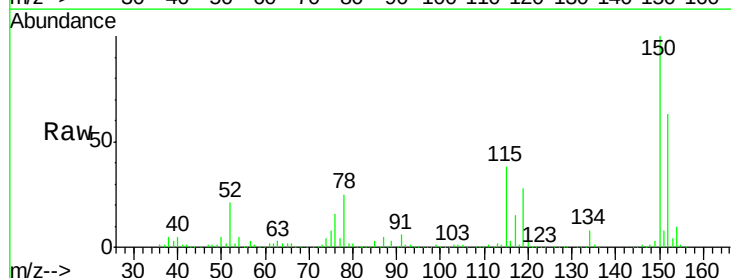
Instrument :
MSVOA_X
ClientSampled :

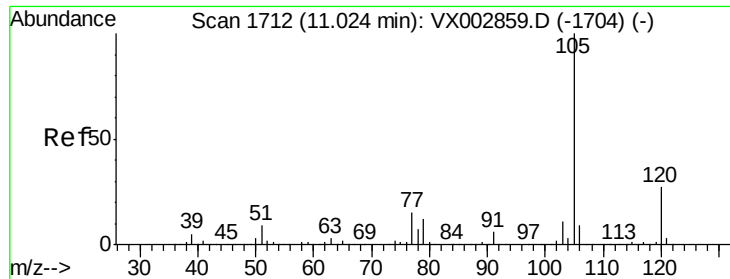
Tot Ion:173 Resp: 46391
Ion Ratio Lower Upper
173 100
175 49.7 24.7 74.1
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion:152 Resp: 217626
Ion Ratio Lower Upper
152 100
115 63.9 40.1 120.2
150 163.1 0.0 347.2





#73

Isopropylbenzene

Concen: 20.81 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

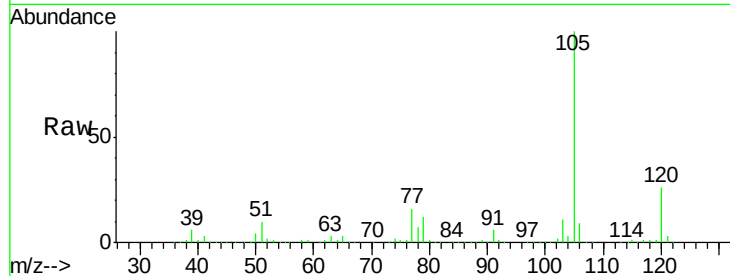
ClientSampleId :

Tot Ion:105 Resp: 304658

Ion Ratio Lower Upper

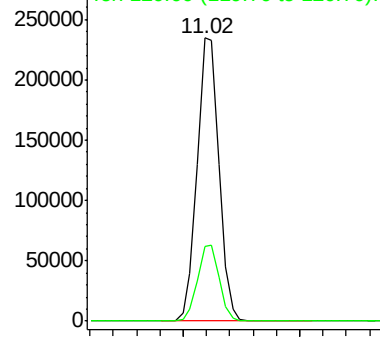
105 100

120 26.6 13.5 40.4

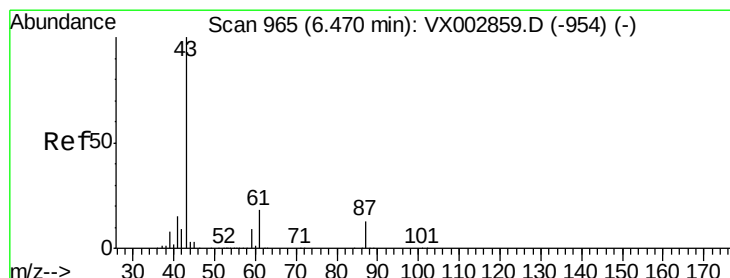
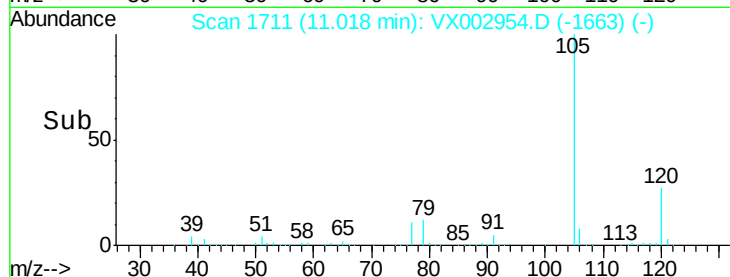


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.86 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Tgt Ion: 43 Resp: 142267

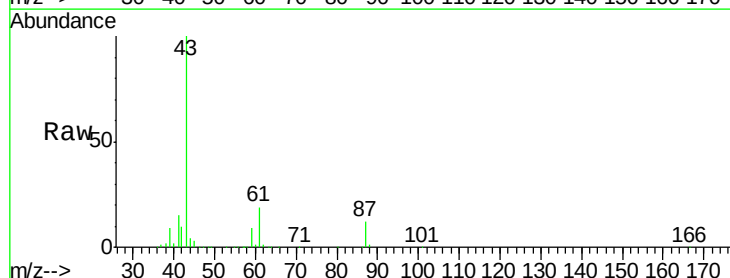
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

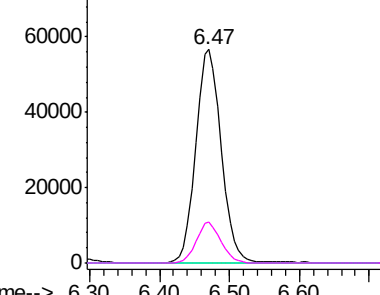


Abundance Ion 43.00 (42.70 to 43.70): VX0

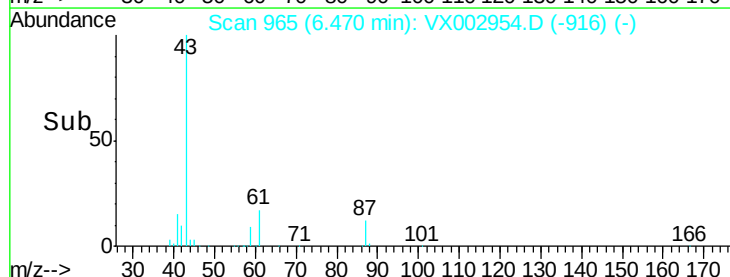
Ion 70.00 (69.70 to 70.70): VX0

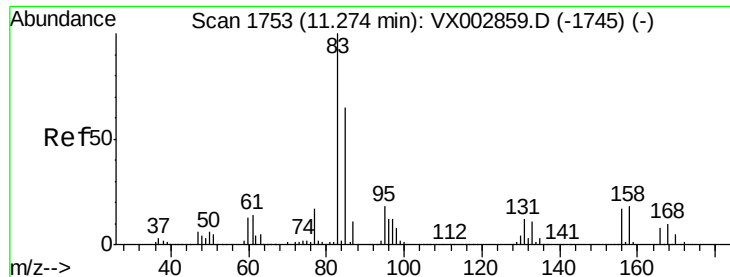
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

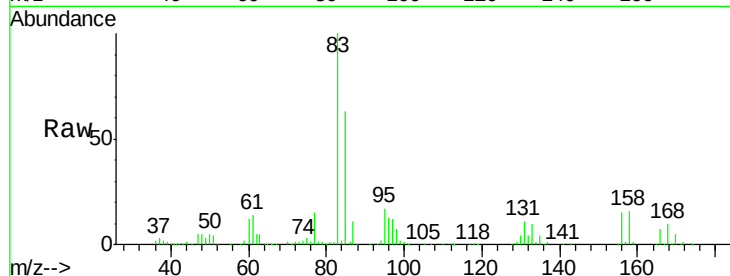
Tot Ion: 83 Resp: 91669

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	62.7	32.4	97.2

83 100

131 10.9 5.6 16.8

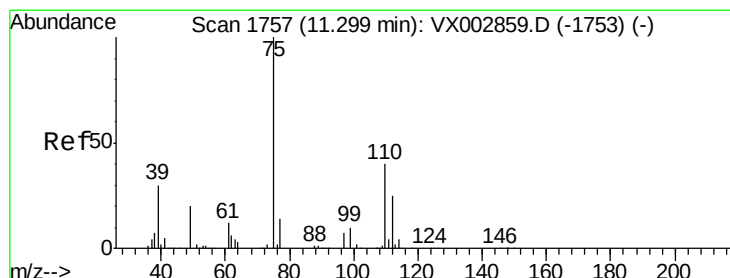
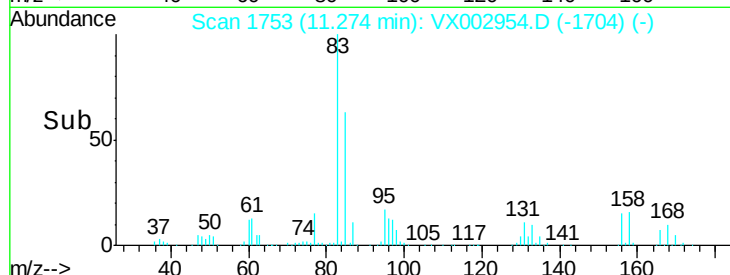
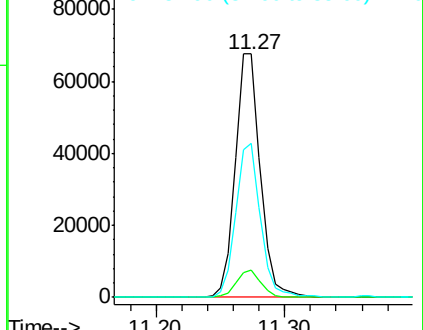
85 62.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.00 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002954.D

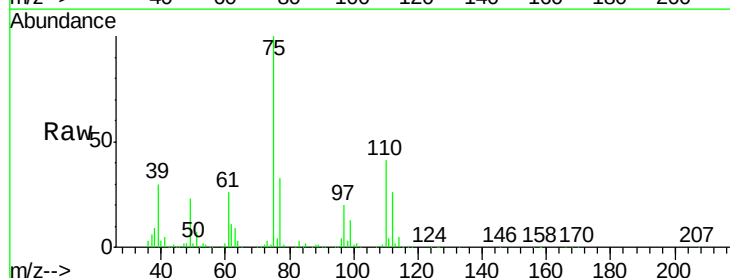
Acq: 28 Jun 2018 00:00

Tgt Ion: 75 Resp: 98566

Ion	Ratio	Lower	Upper
75	100		
77	32.8	22.8	68.3

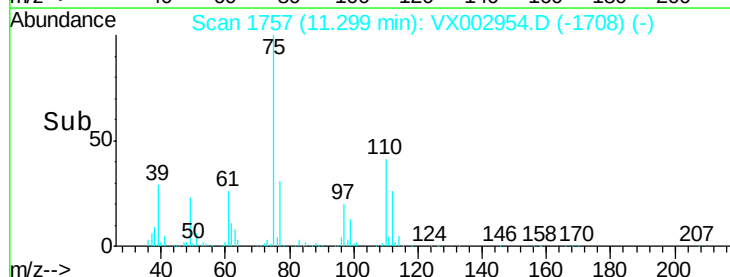
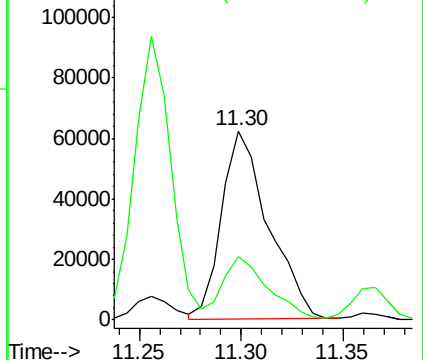
75 100

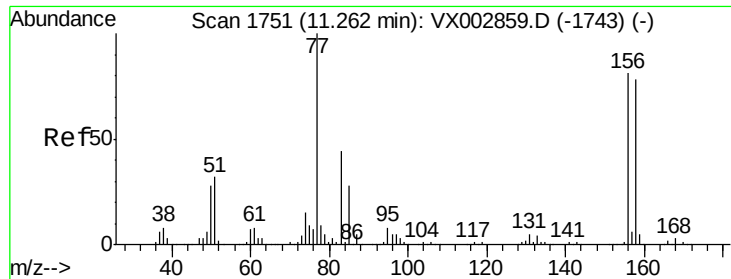
77 32.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.17 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampled :

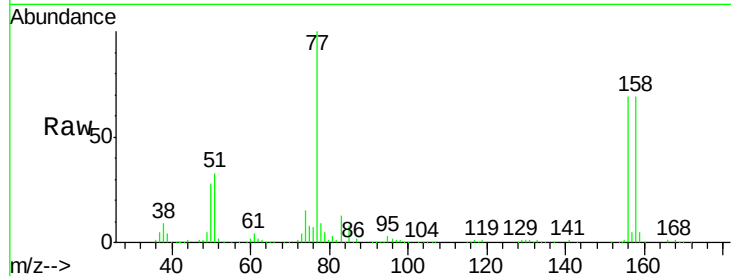
Tot Ion:156 Resp: 84097

Ion Ratio Lower Upper

156 100

77 137.7 71.4 214.2

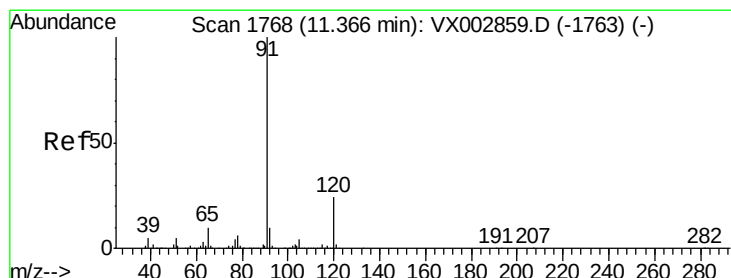
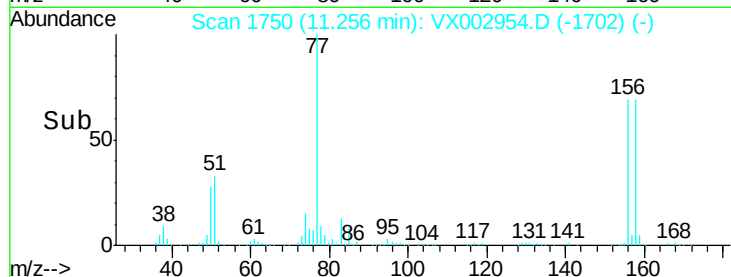
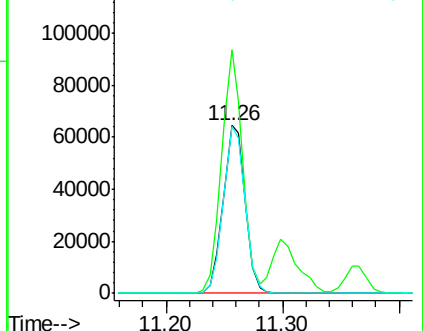
158 98.3 48.9 146.6



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: 20.50 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002954.D

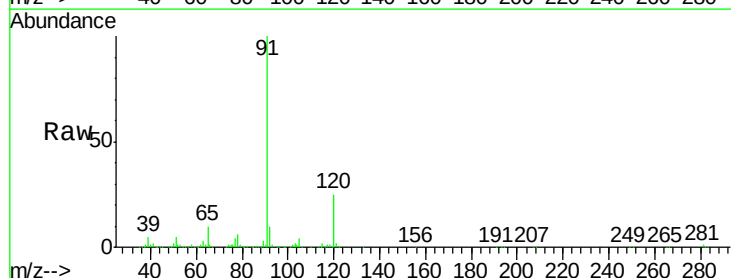
Acq: 28 Jun 2018 00:00

Tgt Ion: 91 Resp: 341633

Ion Ratio Lower Upper

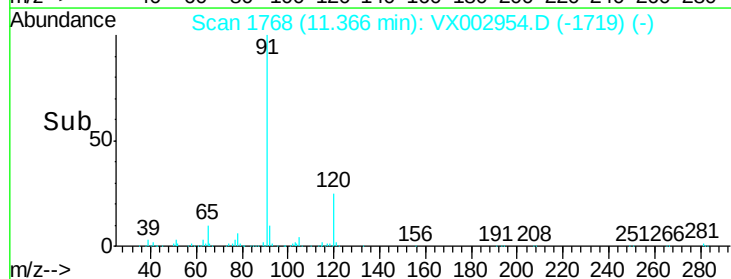
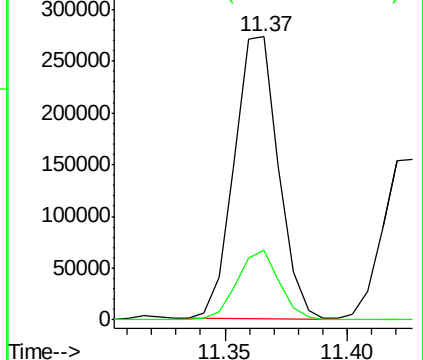
91 100

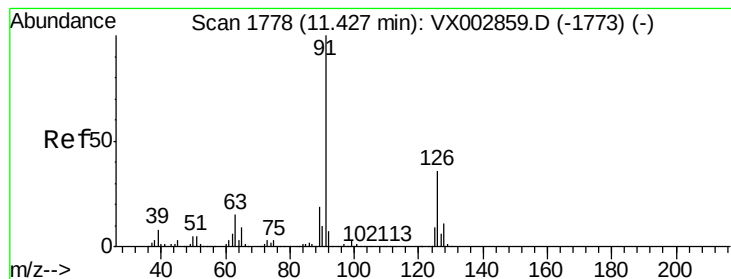
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

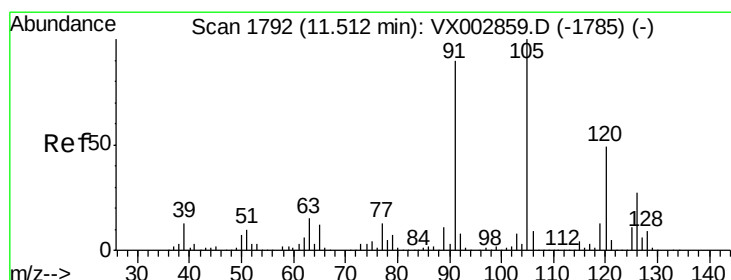
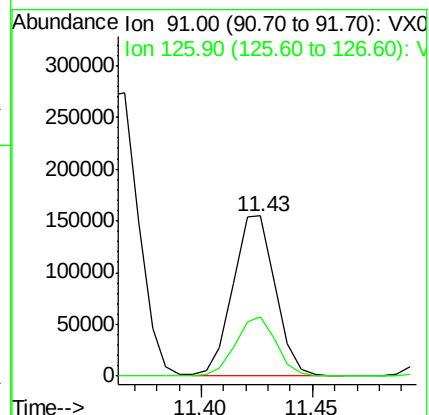
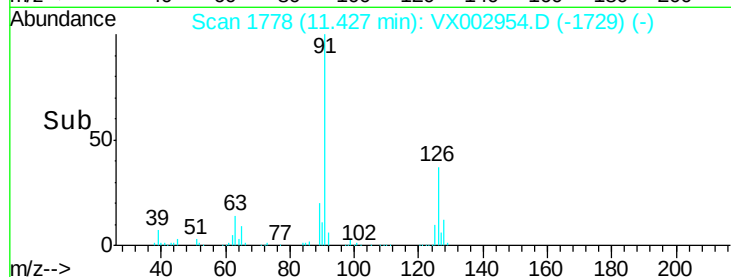
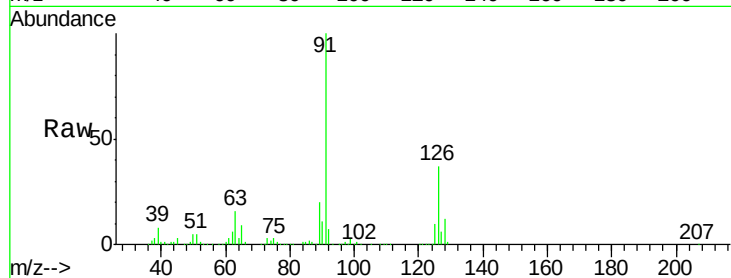
ClientSampled :

Tot Ion: 91 Resp: 203562

Ion Ratio Lower Upper

91 100

126 35.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 20.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002954.D

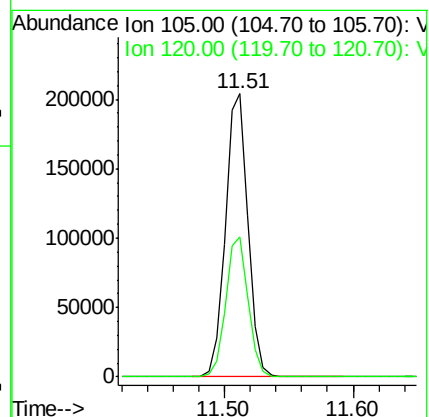
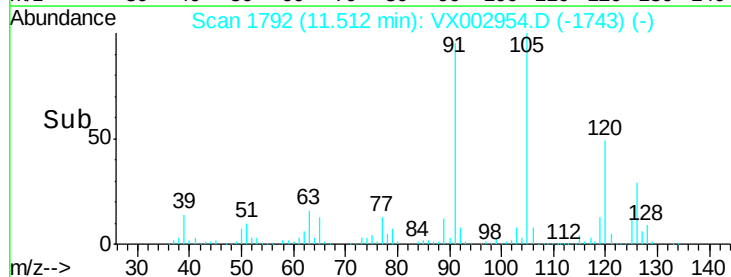
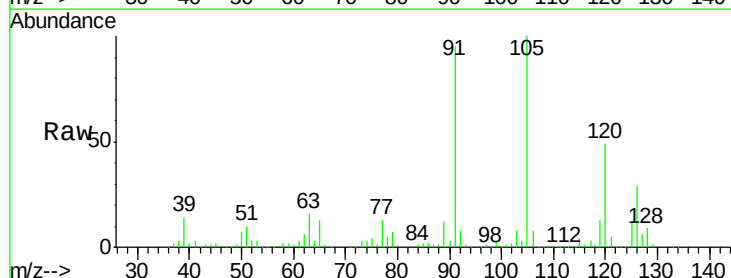
Acq: 28 Jun 2018 00:00

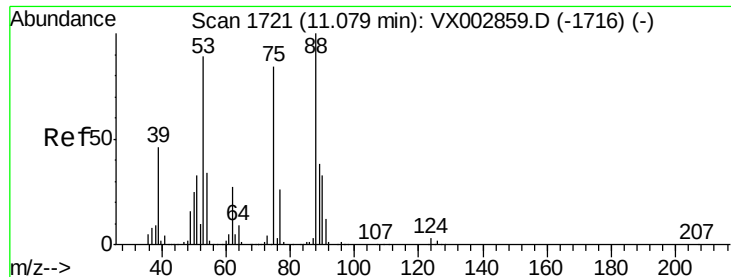
Tgt Ion:105 Resp: 251698

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4

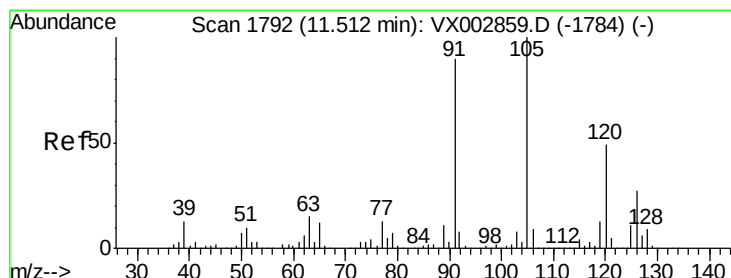
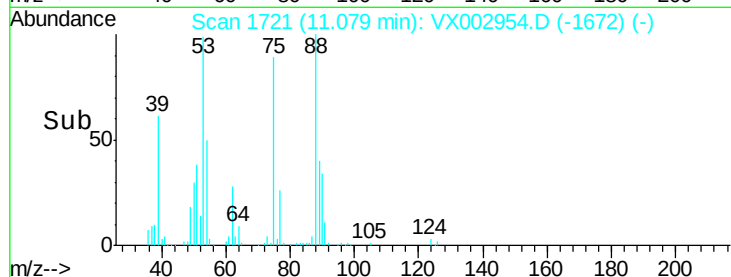
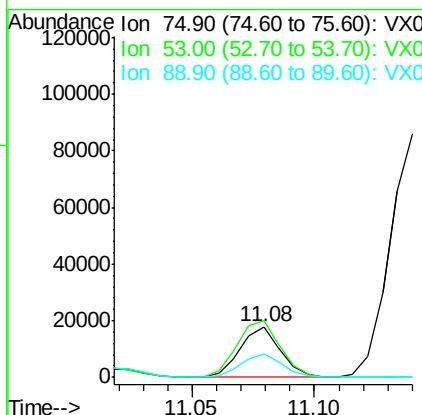
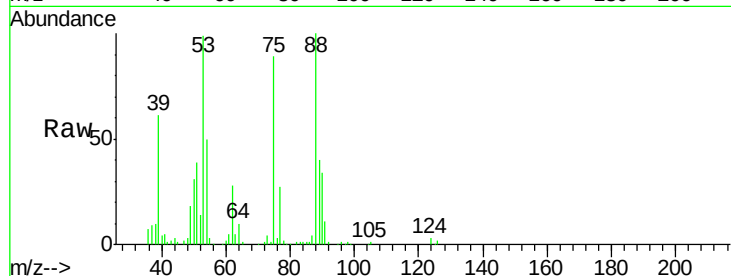




#81
trans-1,4-Dichloro-2-butene
Concen: 17.34 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

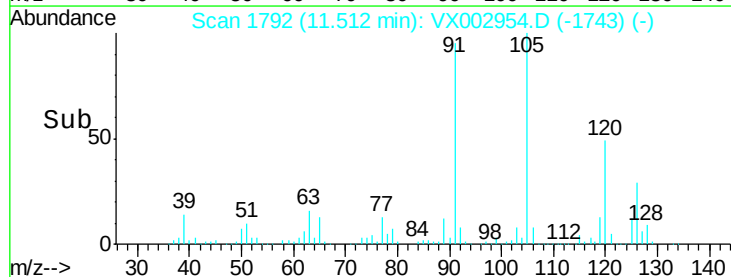
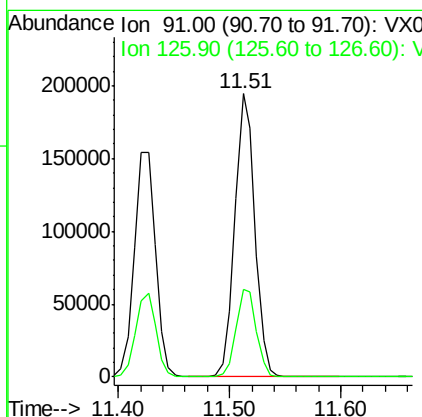
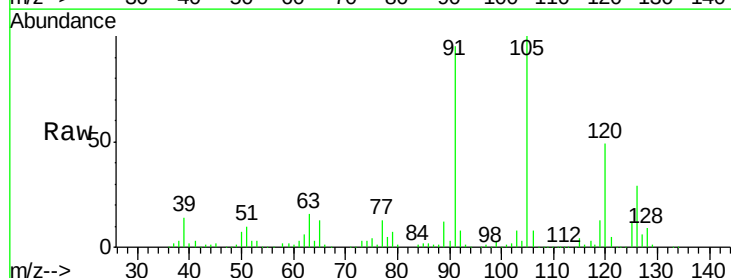
Instrument :
MSVOA_X
ClientSampled :

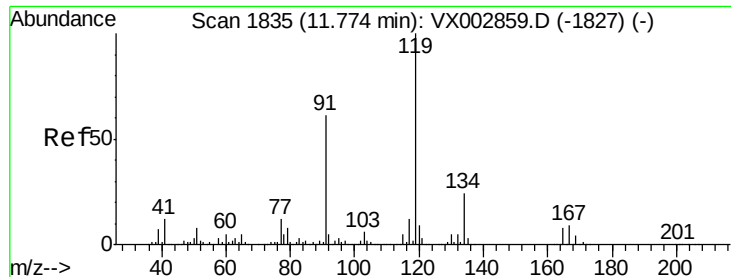
Tot Ion: 75 Resp: 20355
Ion Ratio Lower Upper
75 100
53 123.2 86.8 130.2
89 47.8 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.20 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Tgt Ion: 91 Resp: 241222
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.4

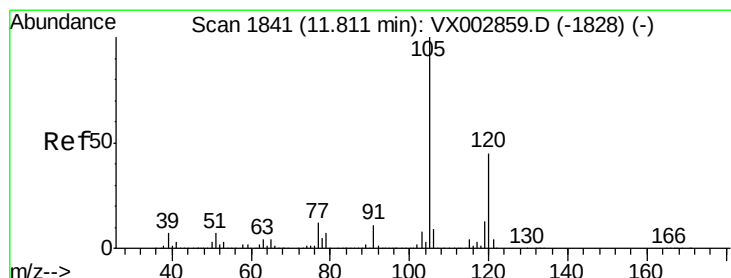
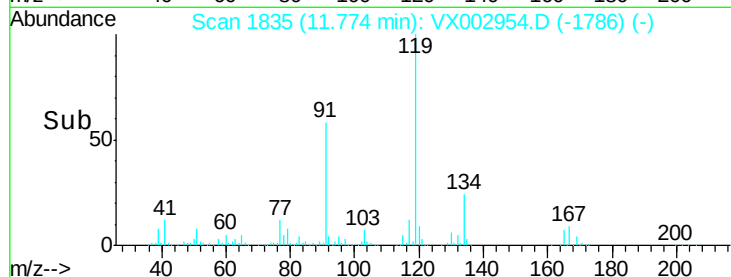
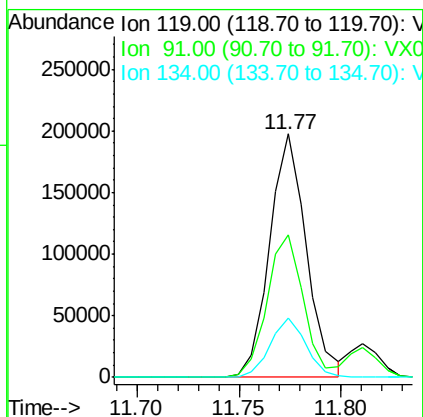
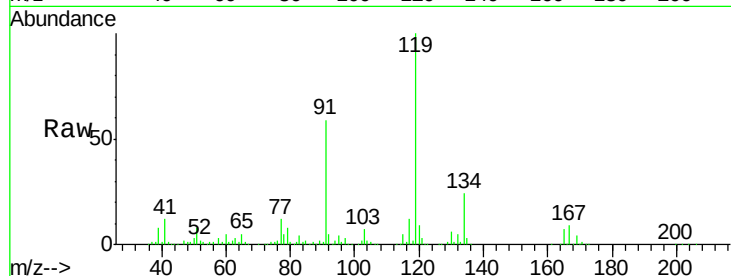




#83
 tert-Butylbenzene
 Concen: 20.41 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

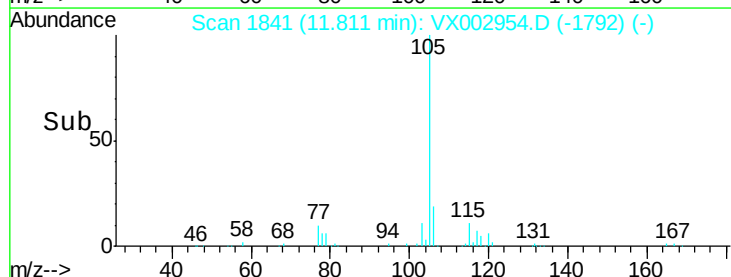
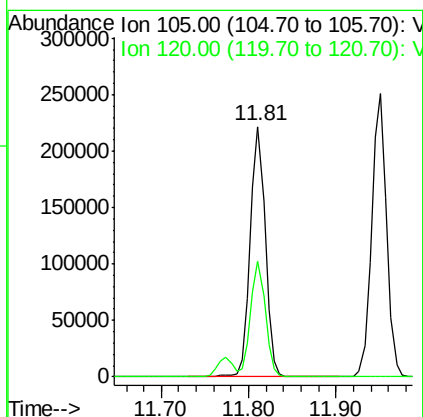
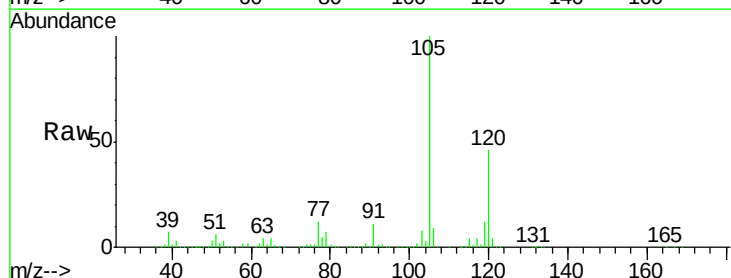
Instrument :
 MSVOA_X
 ClientSampleId :

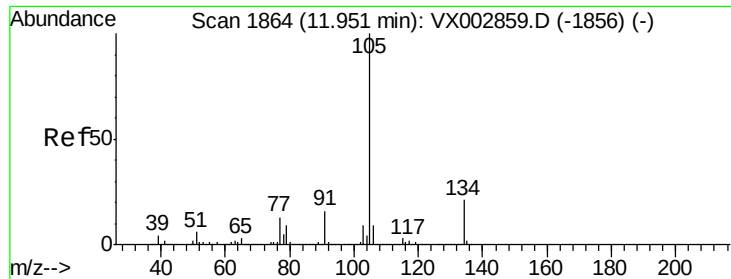
Tot Ion:119 Resp: 248084
 Ion Ratio Lower Upper
 119 100
 91 57.5 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.48 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Tgt Ion:105 Resp: 261684
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.45 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

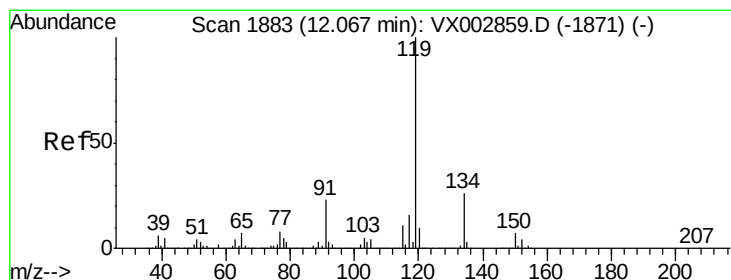
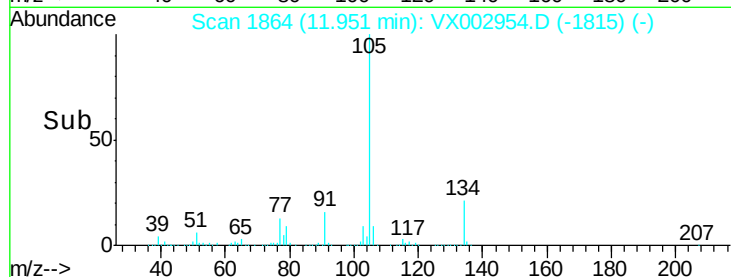
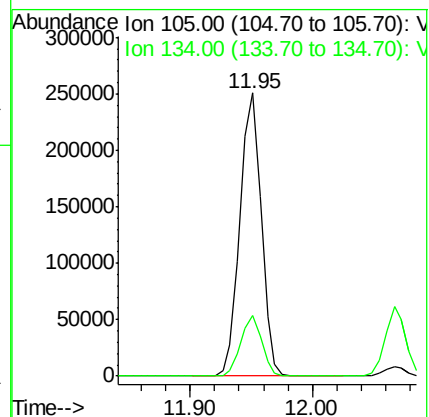
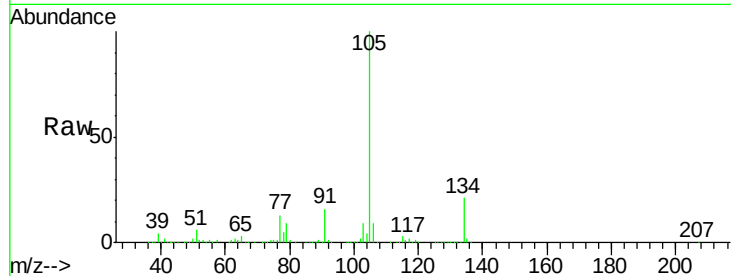
ClientSampleId :

Tot Ion:105 Resp: 301468

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.32 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

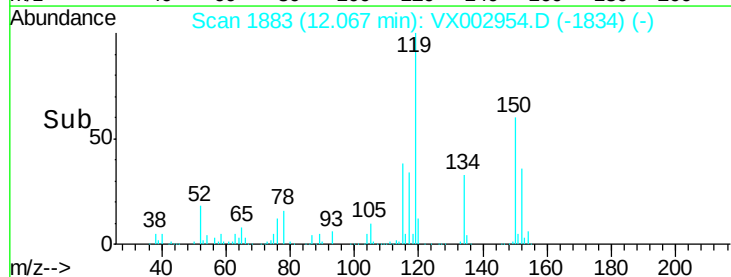
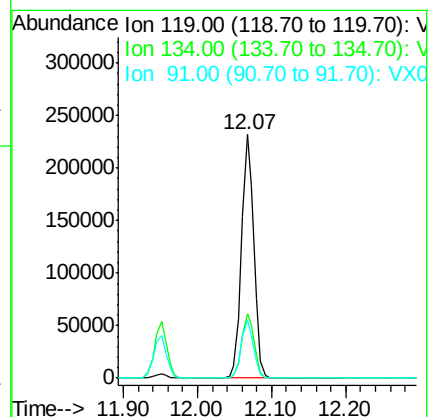
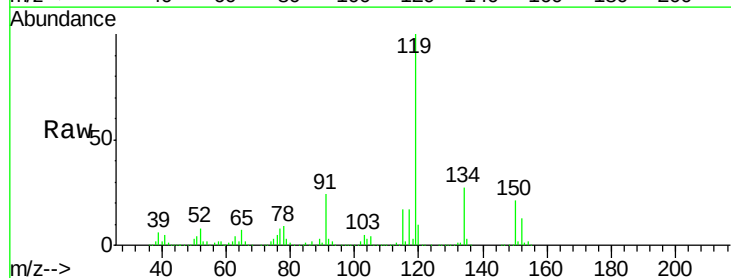
Tgt Ion:119 Resp: 269380

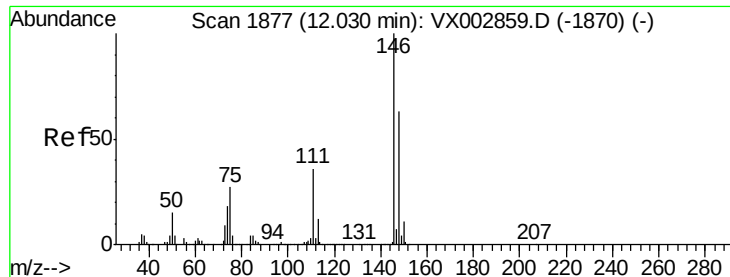
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.12 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

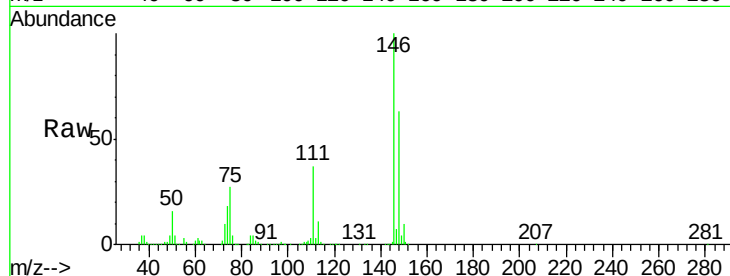
Tot Ion:146 Resp: 153238

Ion Ratio Lower Upper

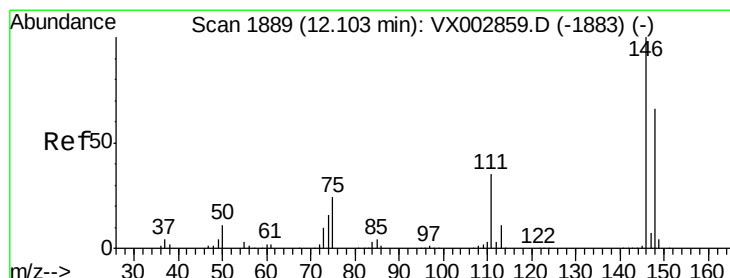
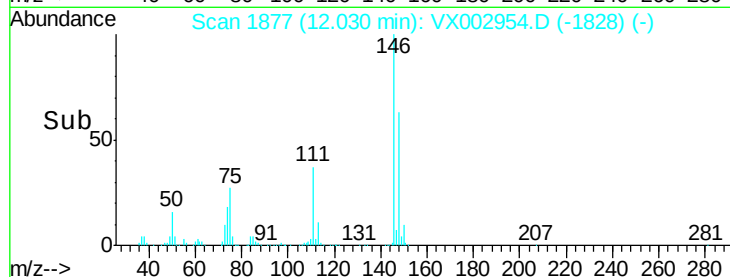
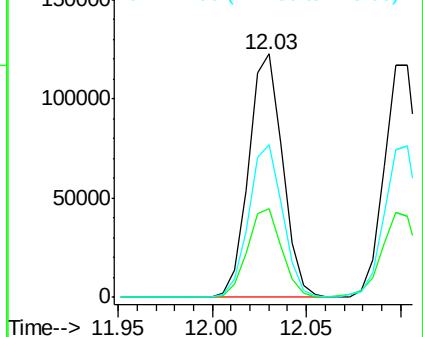
146 100

111 36.8 18.9 56.7

148 62.5 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.57 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

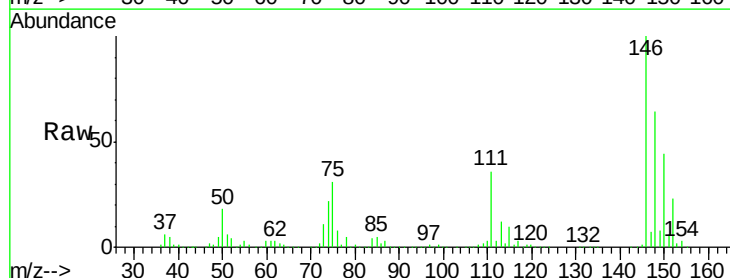
Tgt Ion:146 Resp: 153368

Ion Ratio Lower Upper

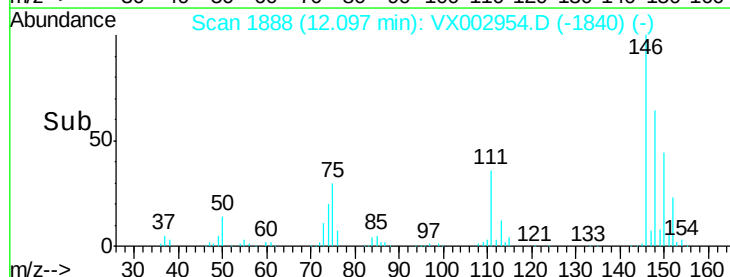
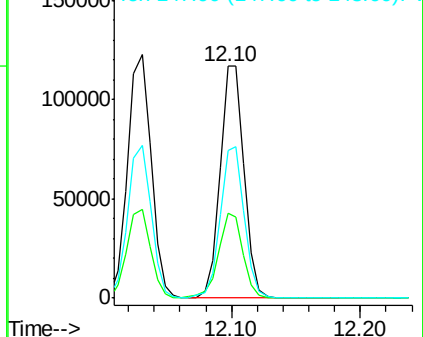
146 100

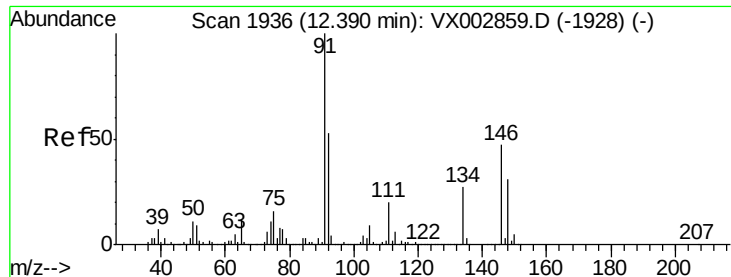
111 37.3 18.7 56.1

148 65.3 32.4 97.0



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





#89

n-Butylbenzene

Concen: 19.39 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

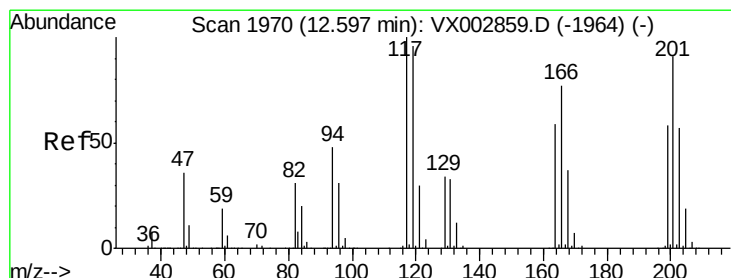
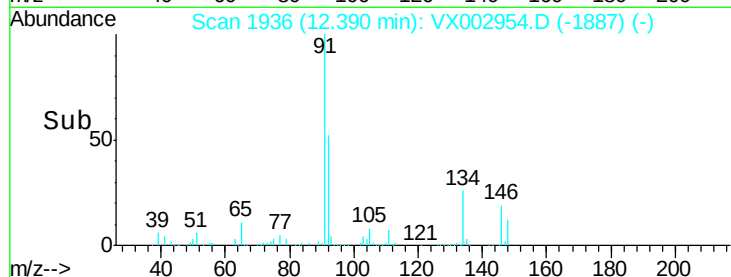
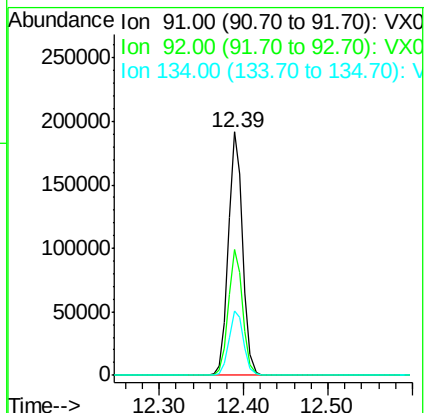
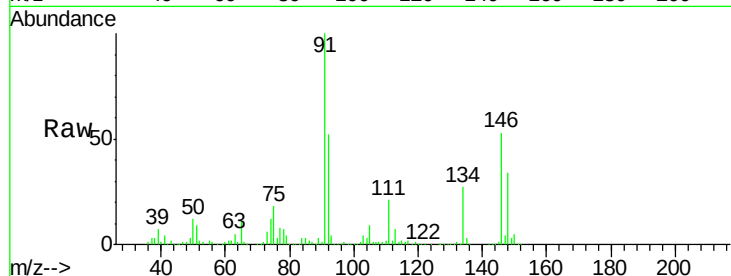
Tot Ion: 91 Resp: 223644

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 19.13 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002954.D

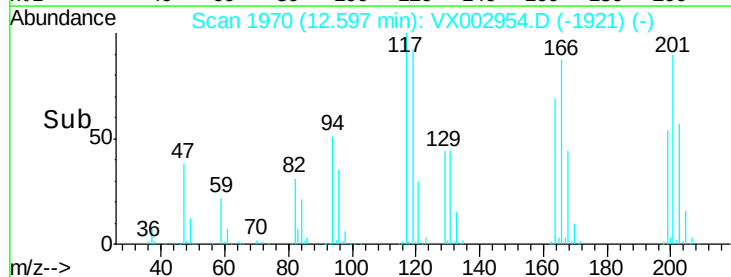
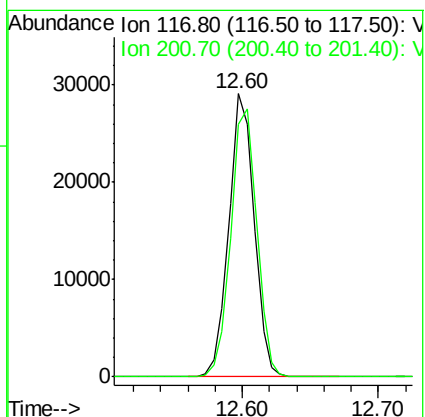
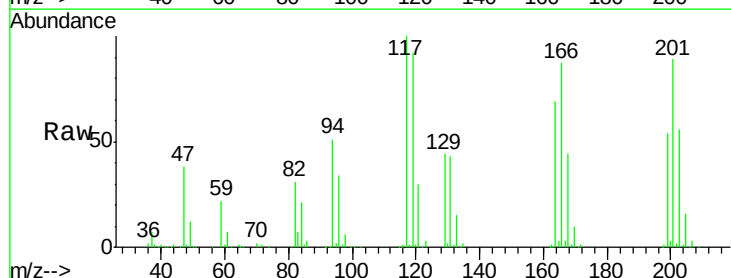
Acq: 28 Jun 2018 00:00

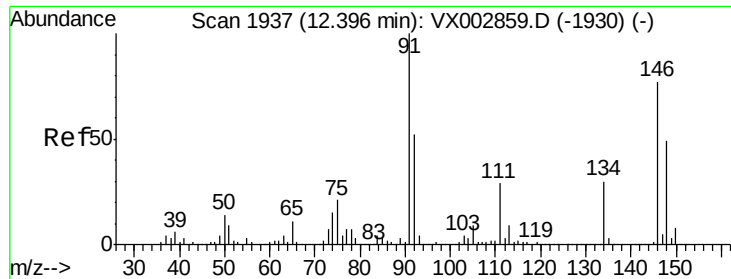
Tgt Ion: 117 Resp: 37710

Ion Ratio Lower Upper

117 100

201 97.3 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.63 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

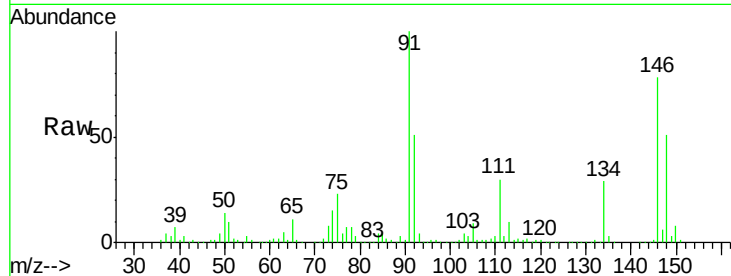
Tot Ion:146 Resp: 150852

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

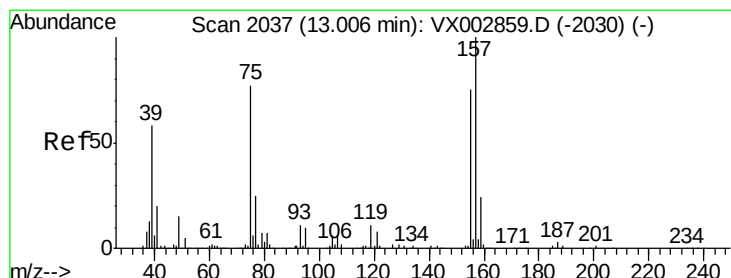
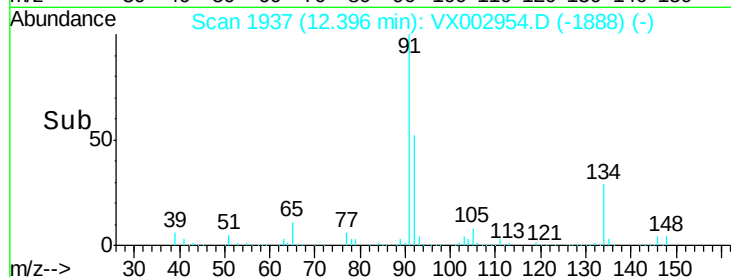
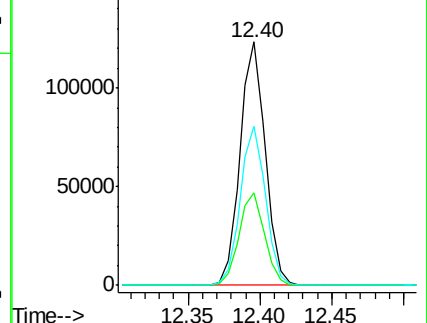
148 65.3 31.7 95.1



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: 19.39 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

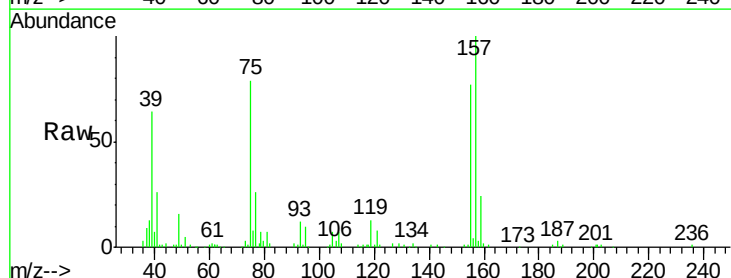
Tgt Ion: 75 Resp: 19658

Ion Ratio Lower Upper

75 100

155 92.8 45.8 137.4

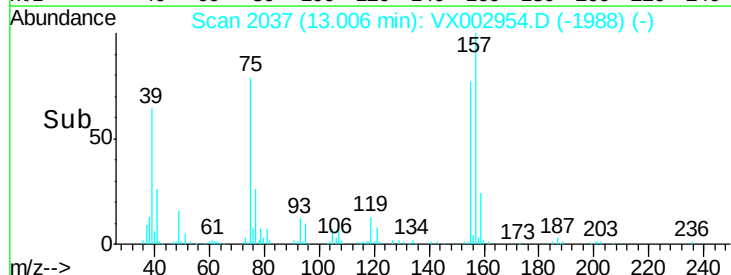
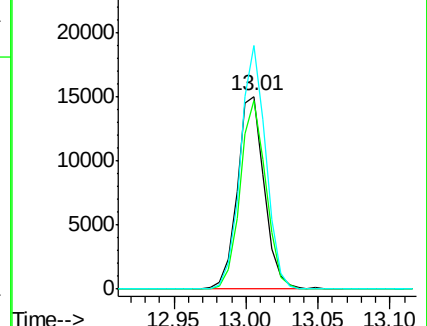
157 117.7 60.1 180.3

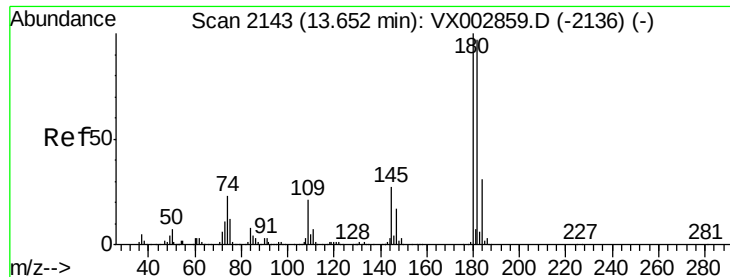


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

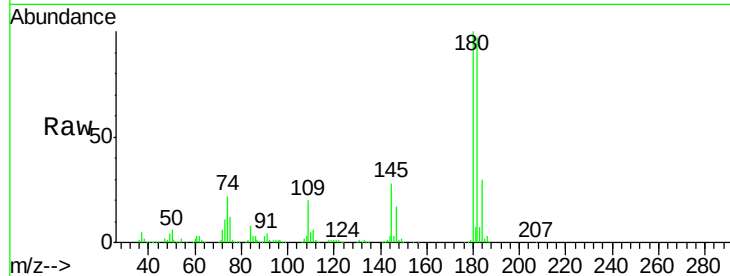




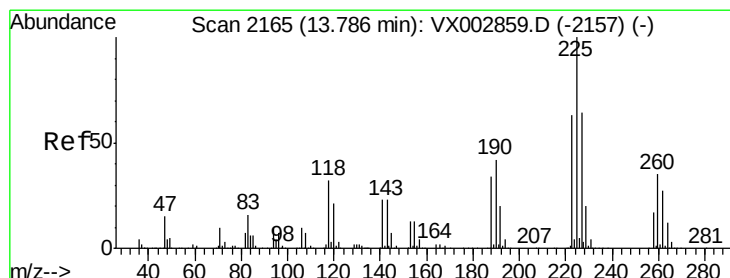
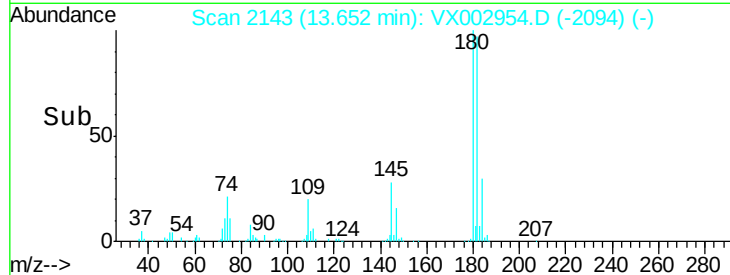
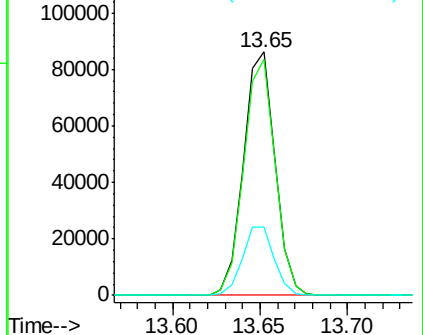
#93
 1,2,4-Trichlorobenzene
 Concen: 19.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 107812
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.7 143.1
 145 28.5 14.1 42.4

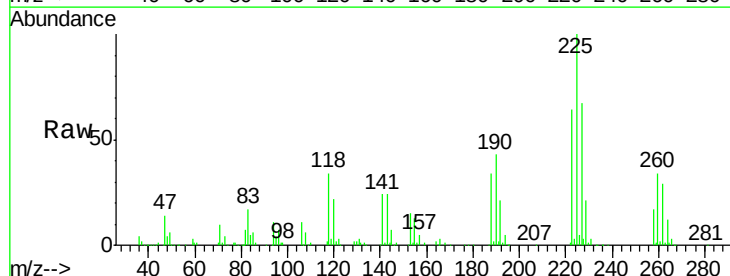


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

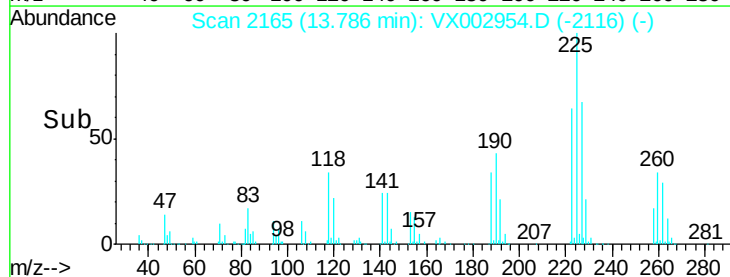
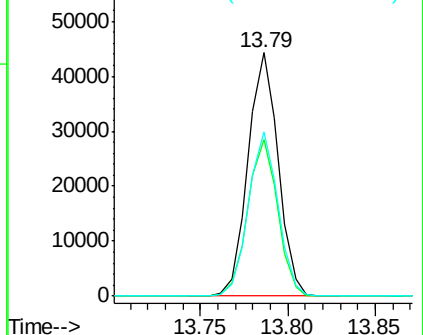


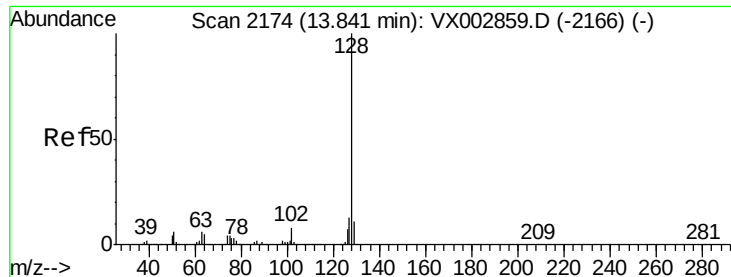
#94
 Hexachlorobutadiene
 Concen: 19.02 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Tgt Ion:225 Resp: 53071
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 95.0
 227 66.0 32.4 97.2



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: 20.04 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

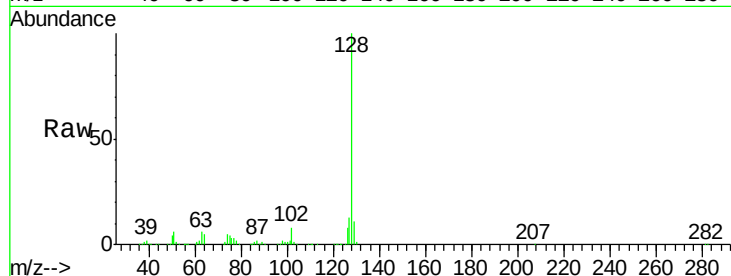
Tot Ion:128 Resp: 298533

Ion Ratio Lower Upper

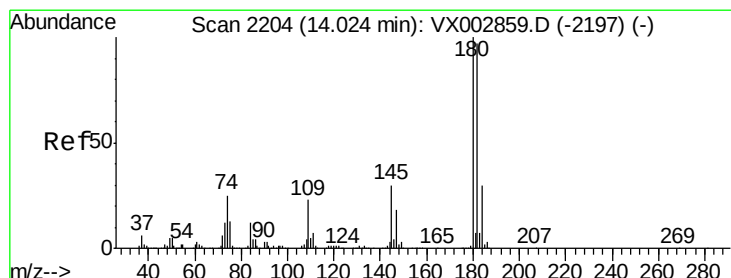
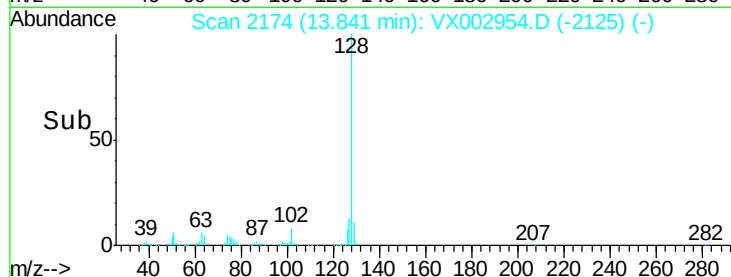
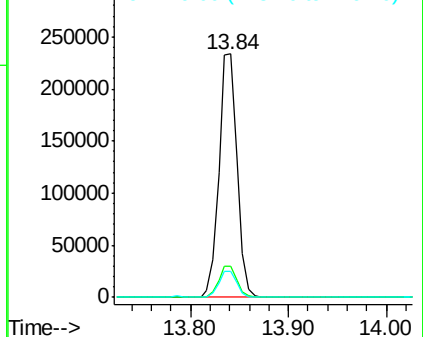
128 100

127 13.0 10.4 15.6

129 10.9 8.6 13.0



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: 19.80 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002954.D

Acq: 28 Jun 2018 00:00

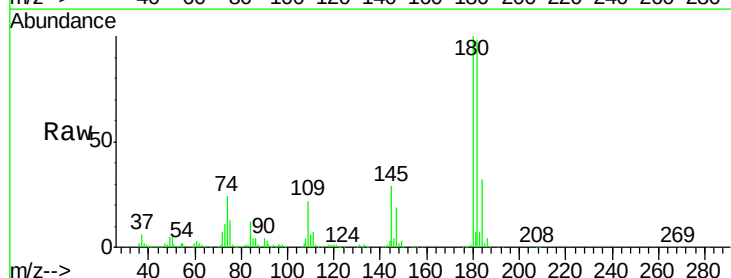
Tgt Ion:180 Resp: 110616

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 29.6 14.8 44.3



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

