

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 :
 VX0627WBS02

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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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

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

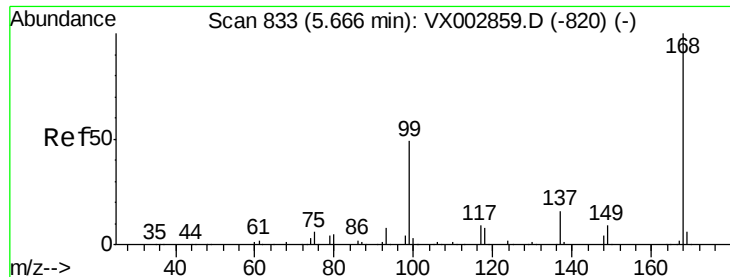
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002954.D
Acq On : 28 Jun 2018 00:00
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

Quant Time: Jun 28 06:02:15 2018
Quant Method : Z:\V0ASRV\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)
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

ClientSampled :

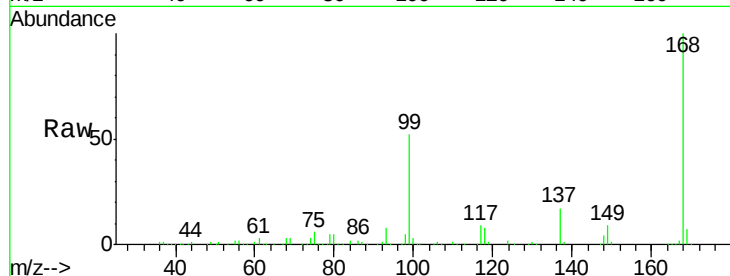
VX0627WBS02

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

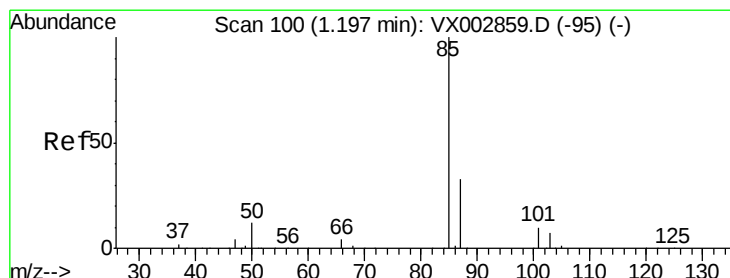
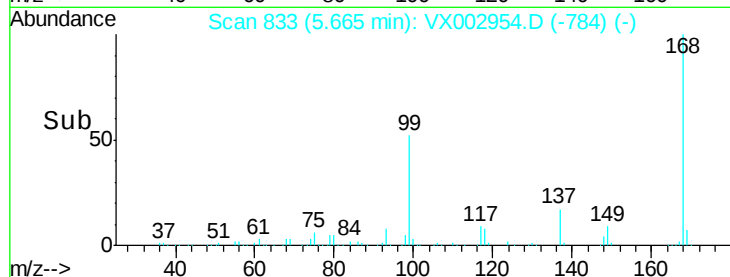
40000

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

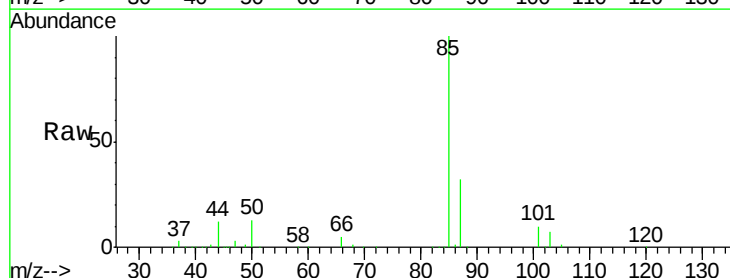
Acq: 28 Jun 2018 00:00

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

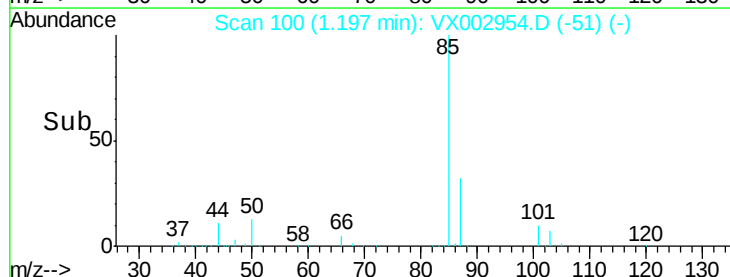
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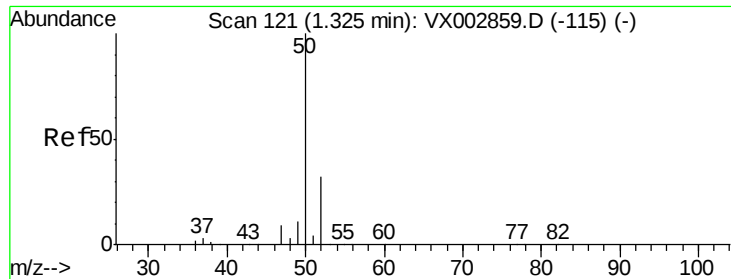
20000

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 :

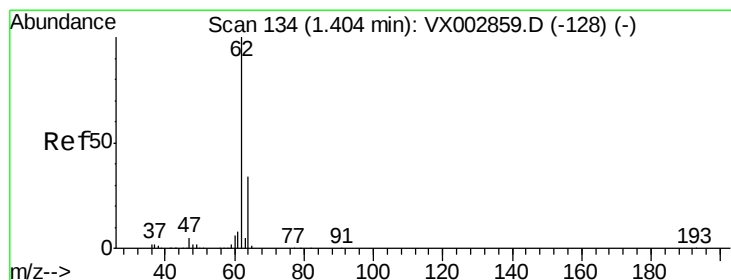
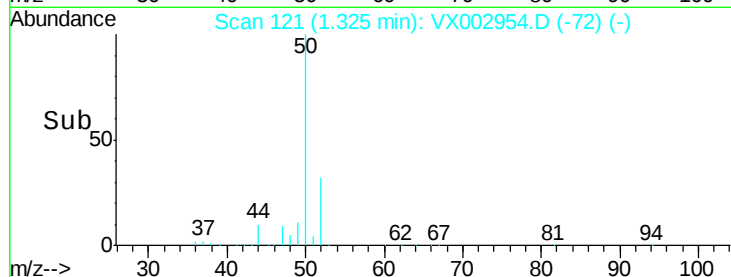
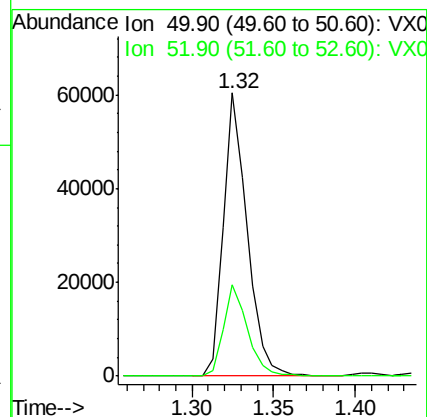
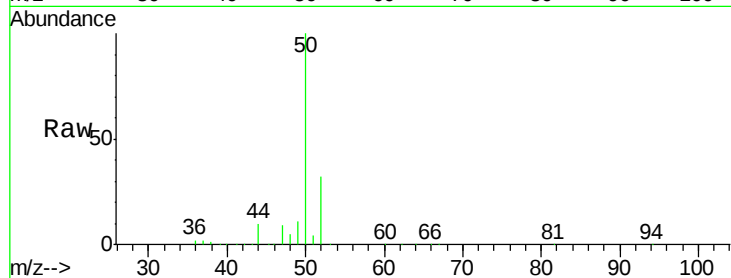
VX0627WBS02

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

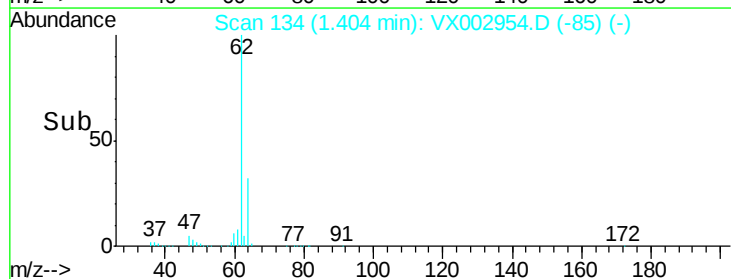
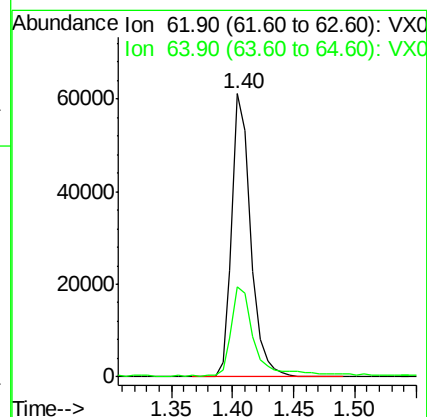
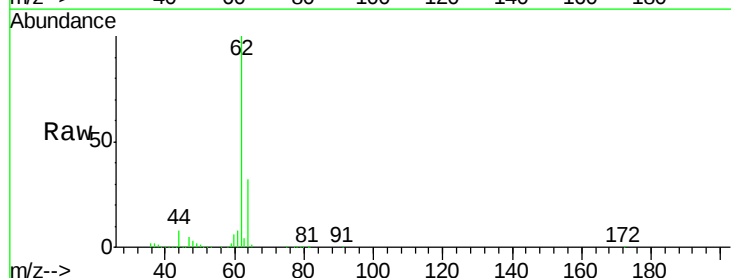
Acq: 28 Jun 2018 00:00

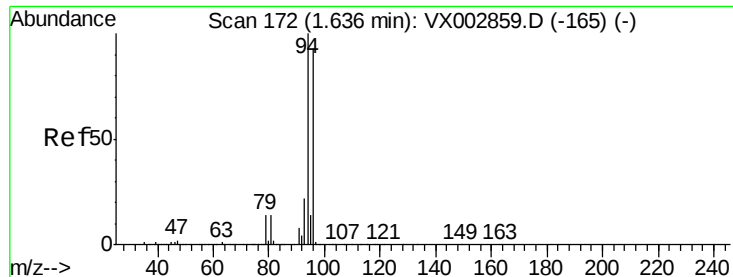
Tgt Ion: 62 Resp: 65542

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 :

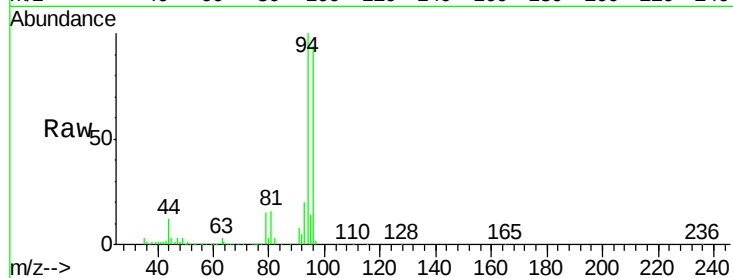
VX0627WBS02

Tot Ion: 94 Resp: 32755

Ion Ratio Lower Upper

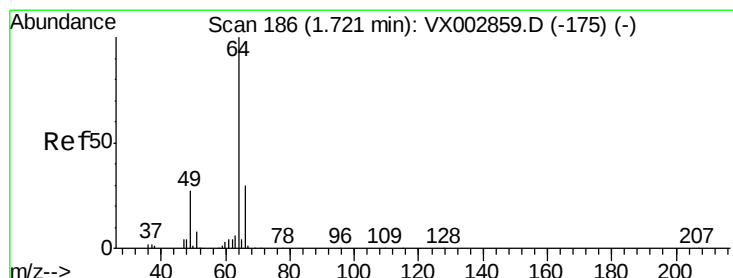
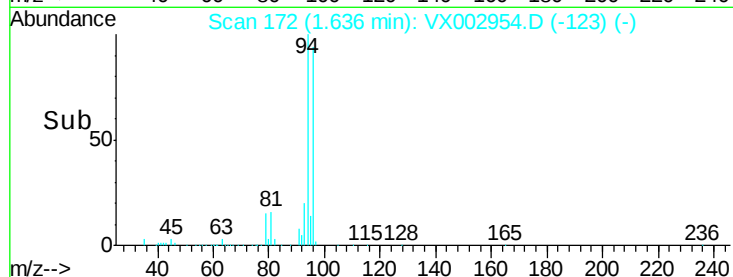
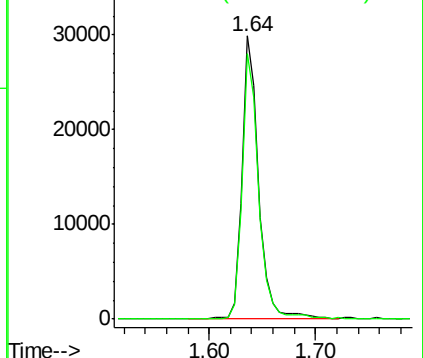
94 100

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

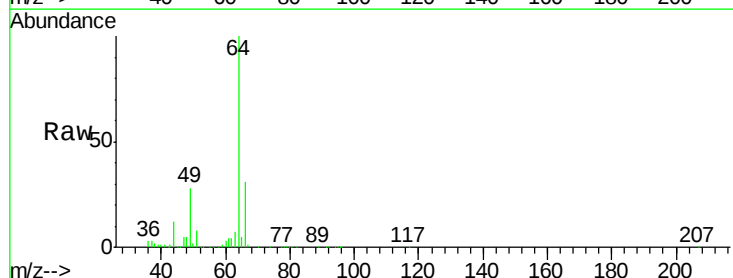
Acq: 28 Jun 2018 00:00

Tgt Ion: 64 Resp: 41066

Ion Ratio Lower Upper

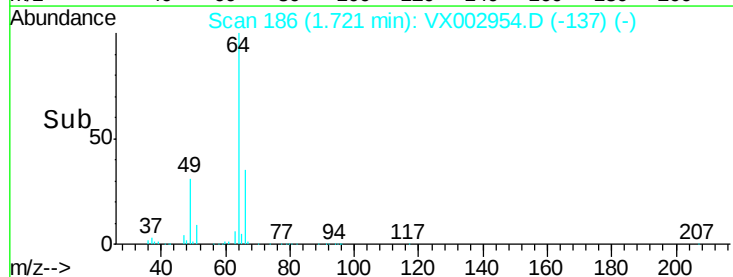
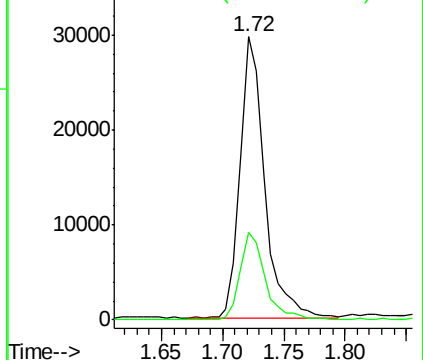
64 100

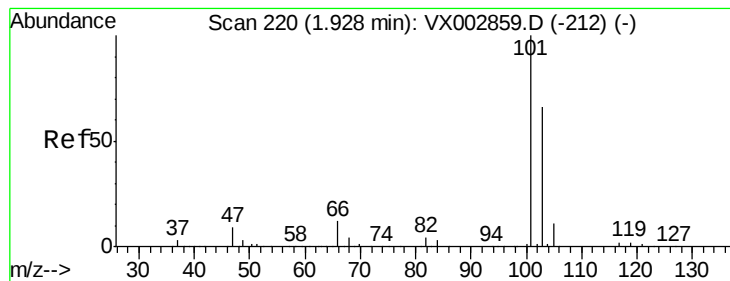
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



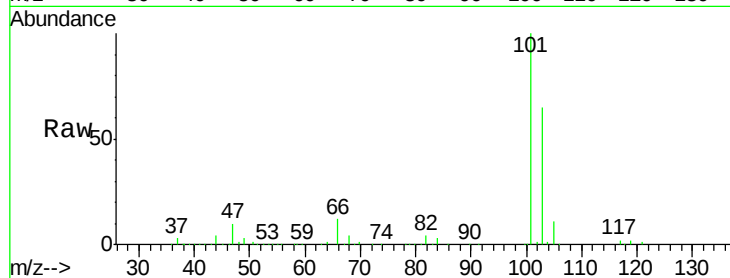


#7

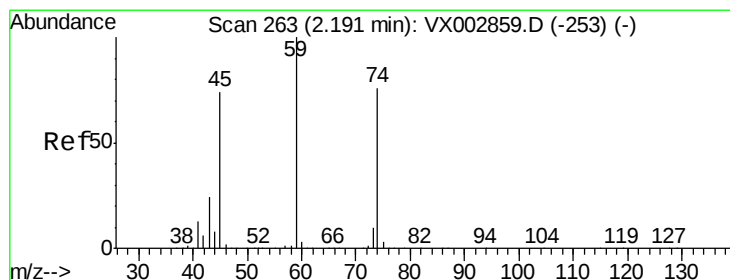
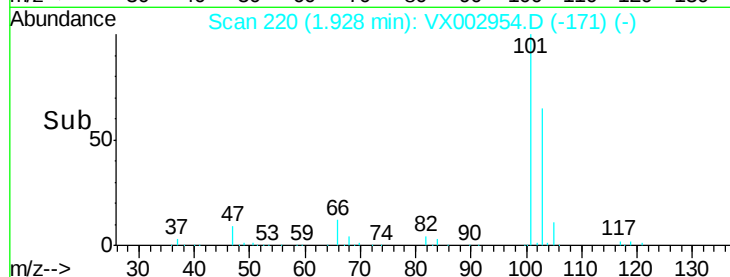
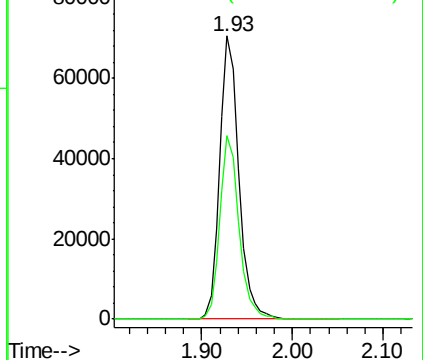
Trichlorofluoromethane
 Concen: 20.64 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

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



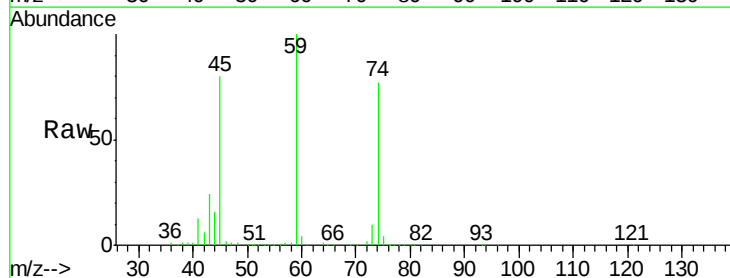
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



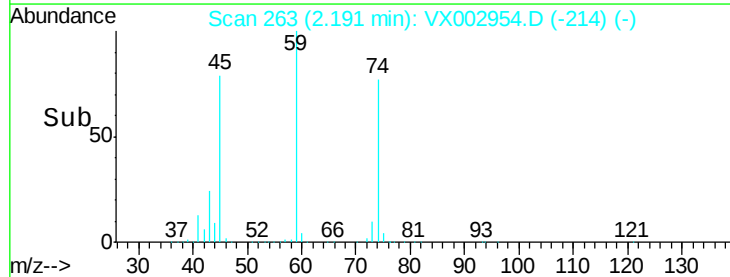
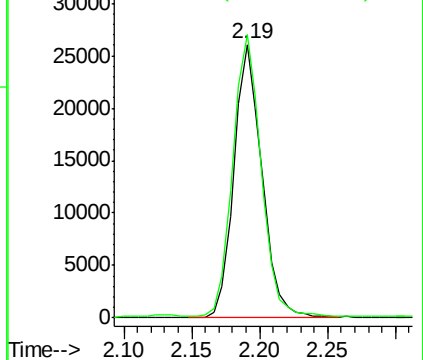
#8

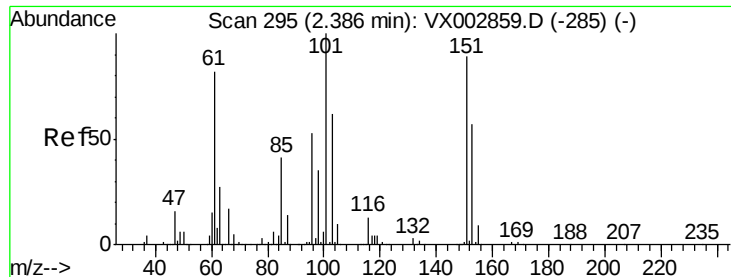
Diethyl Ether
 Concen: 20.29 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

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 :

VX0627WBS02

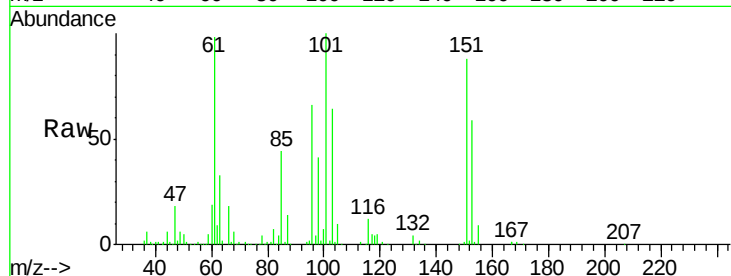
Tot Ion:101 Resp: 58488

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

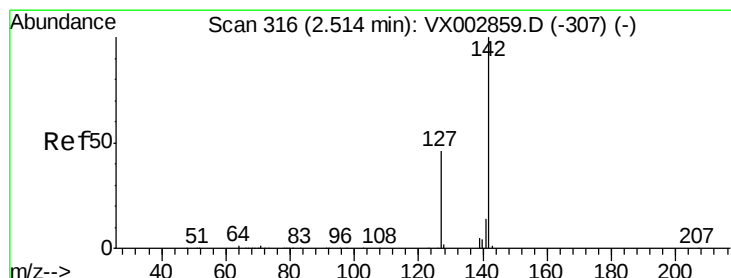
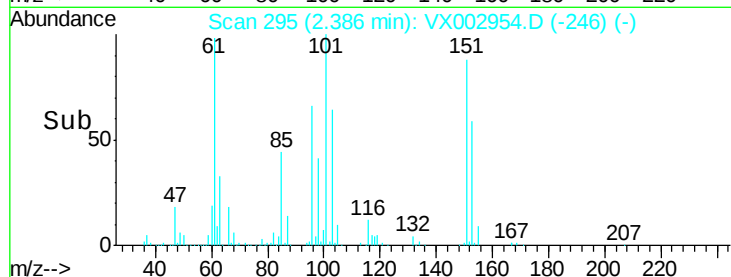
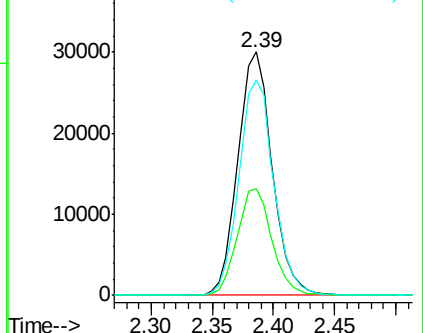
151 90.2 70.9 106.3



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

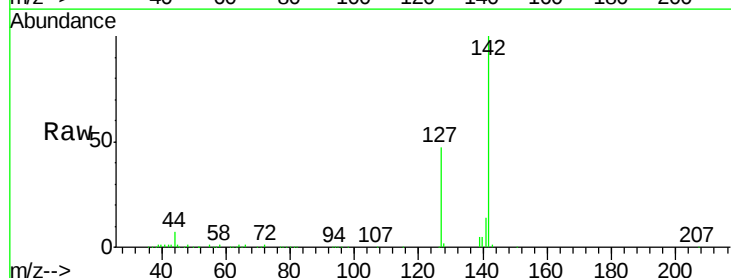
Tgt Ion:142 Resp: 53187

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

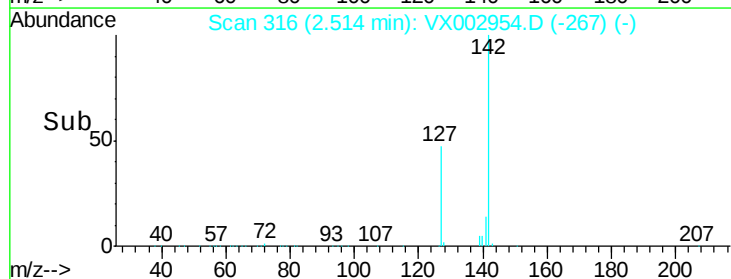
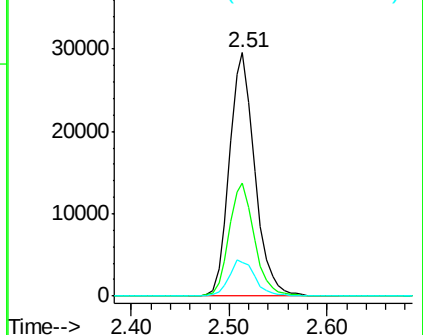
141 14.9 11.3 16.9

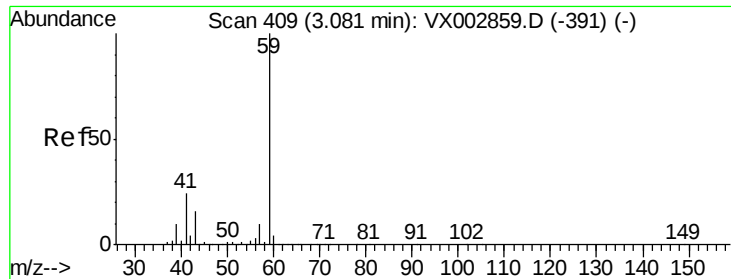


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



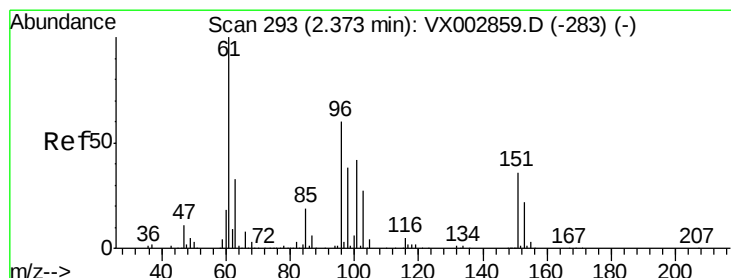
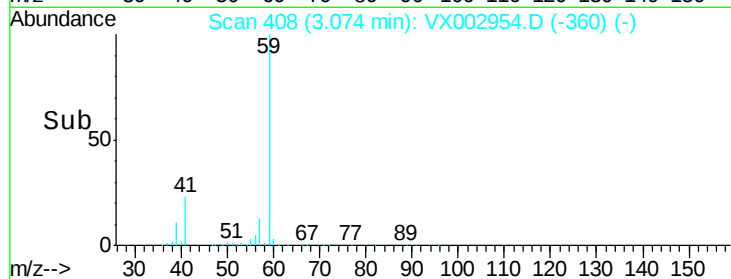
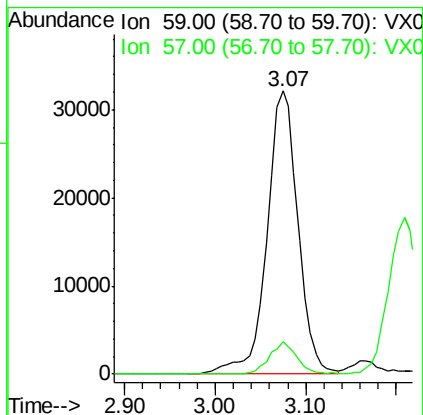
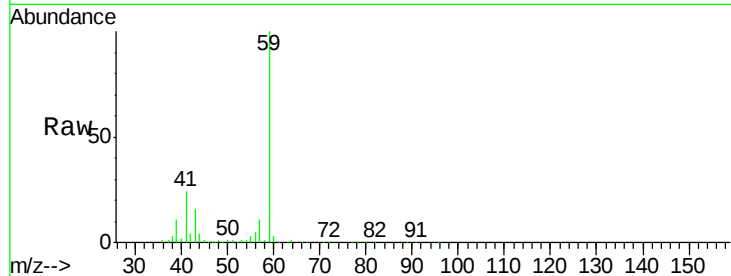


#11

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
 ClientSampleId :
 VX0627WBS02

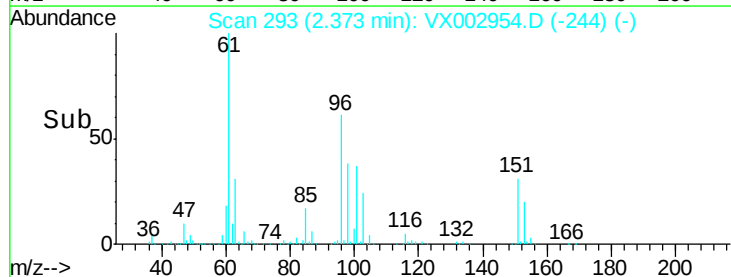
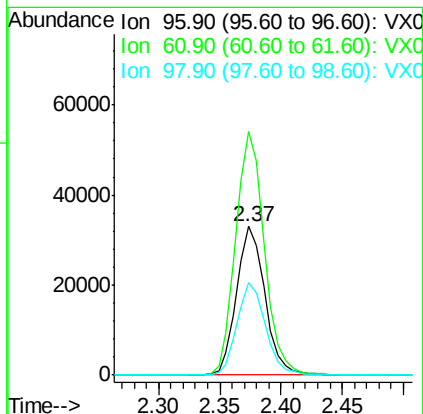
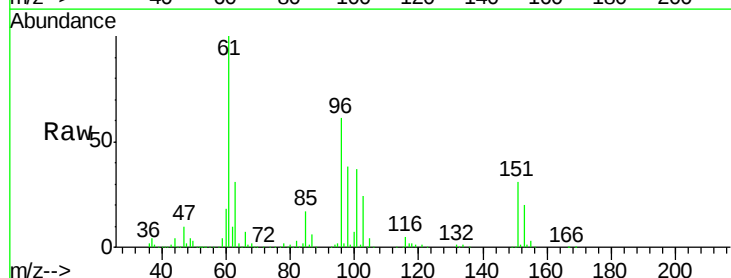
Tot Ion: 59 Resp: 75758
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

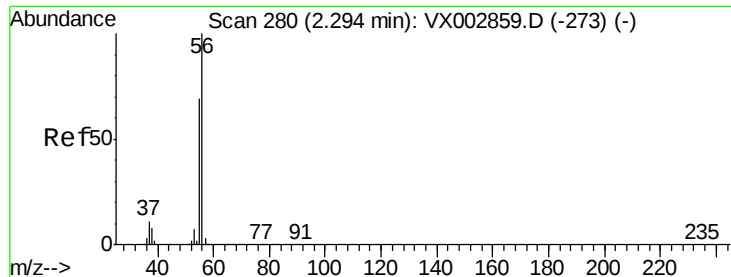


#12

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 :

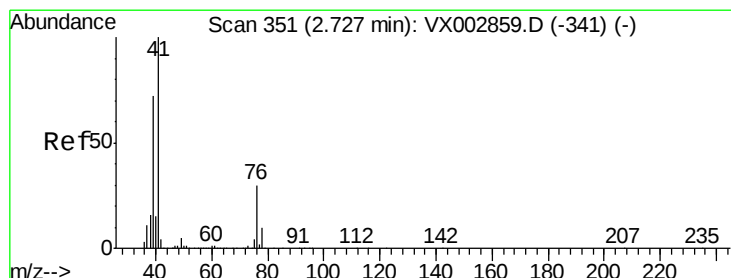
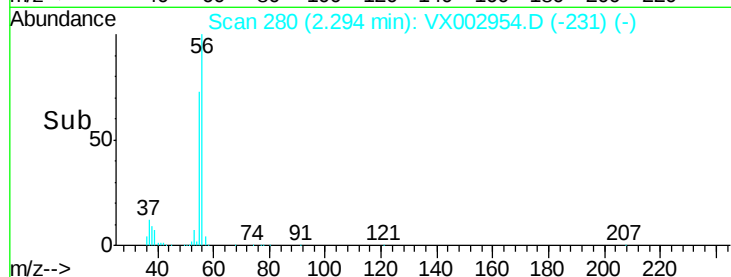
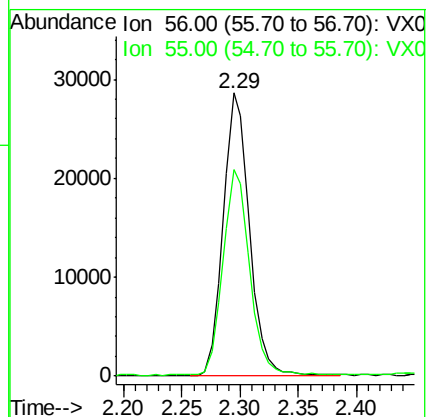
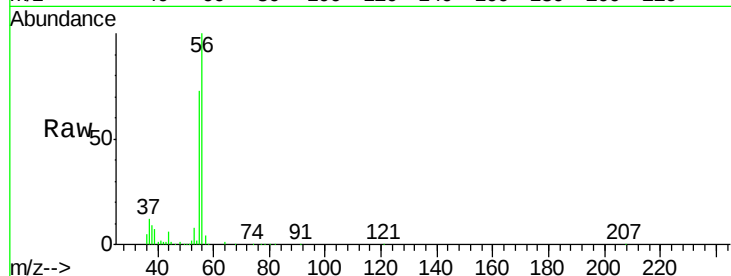
VX0627WBS02

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

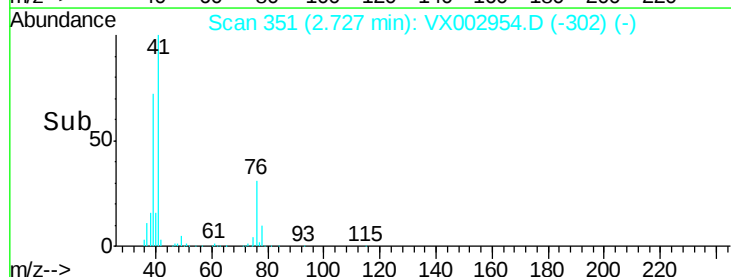
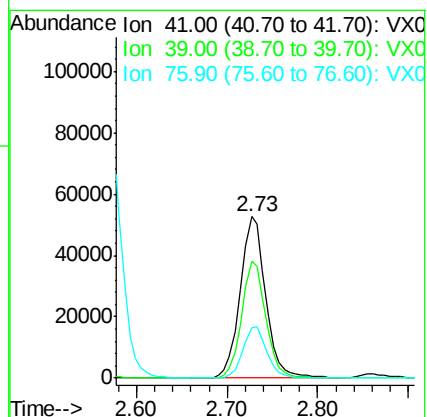
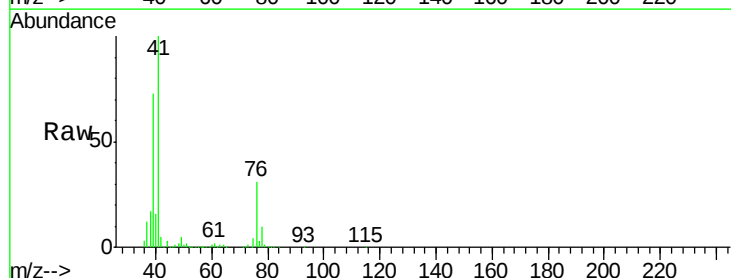
Tgt Ion: 41 Resp: 101790

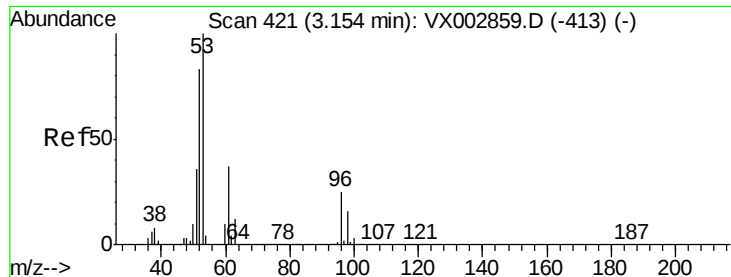
Ion Ratio Lower Upper

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 :

VX0627WBS02

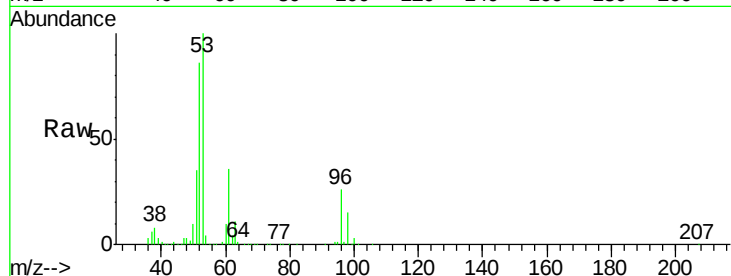
Tot Ion: 53 Resp: 158589

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

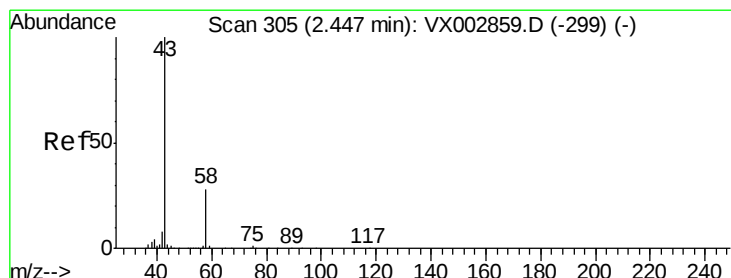
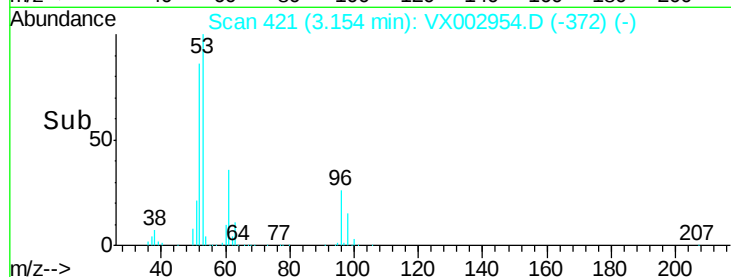
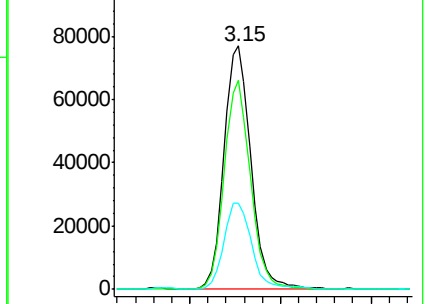
51 36.7 29.9 44.9



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

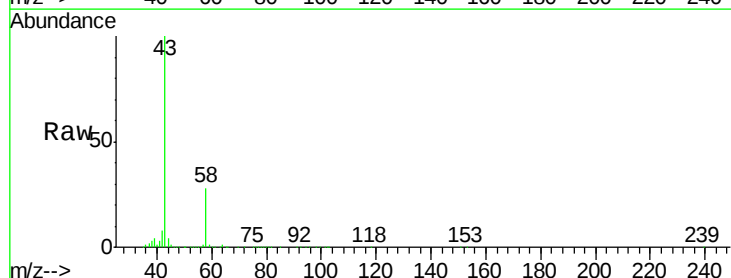
Acq: 28 Jun 2018 00:00

Tgt Ion: 43 Resp: 148184

Ion Ratio Lower Upper

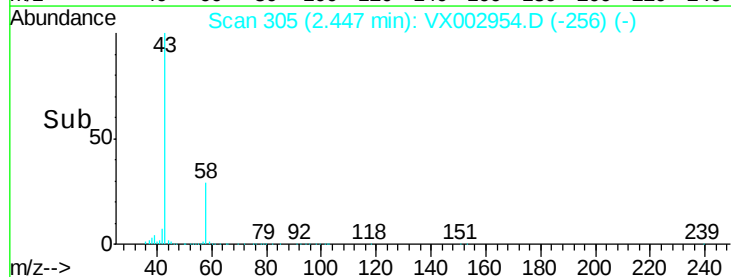
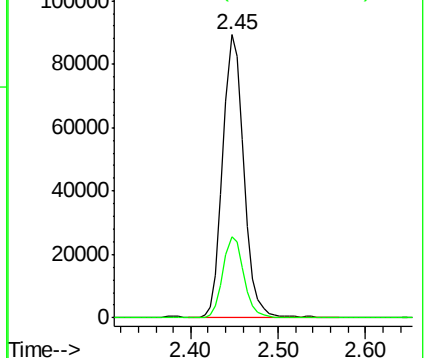
43 100

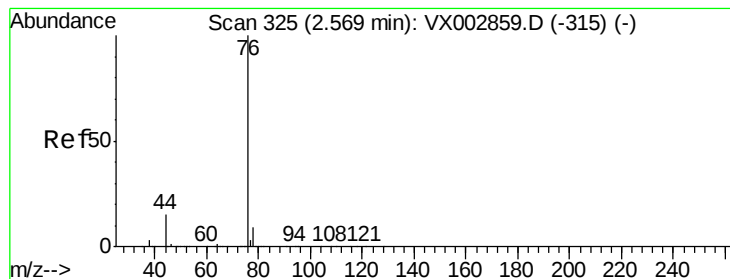
58 28.5 22.1 33.1



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 :

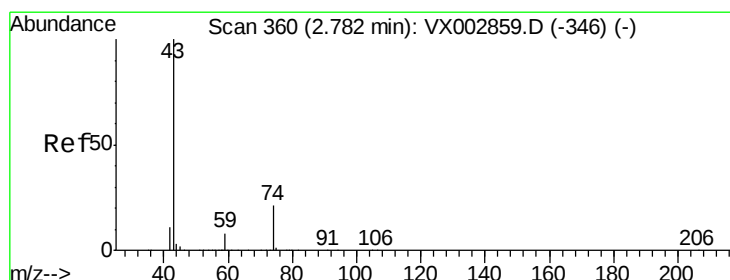
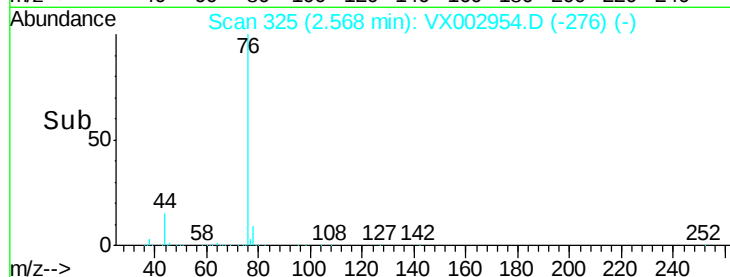
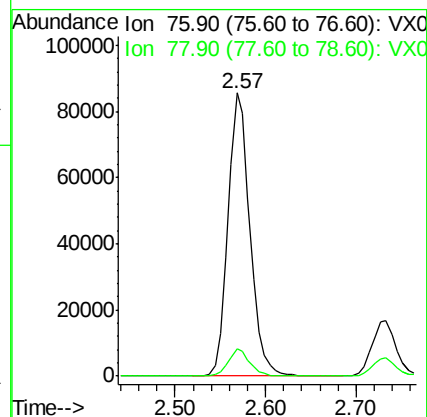
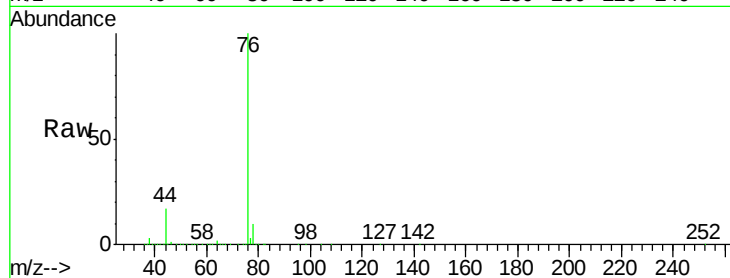
VX0627WBS02

Tot Ion: 76 Resp: 143970

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3



#18

Methyl Acetate

Concen: 17.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002954.D

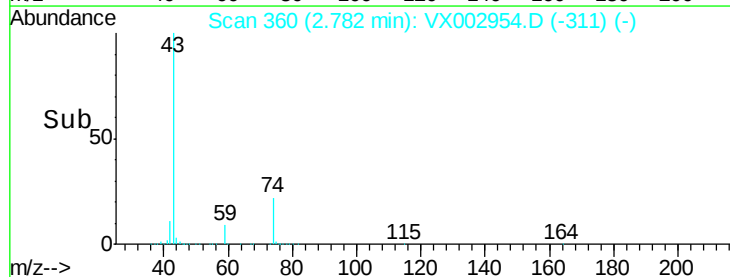
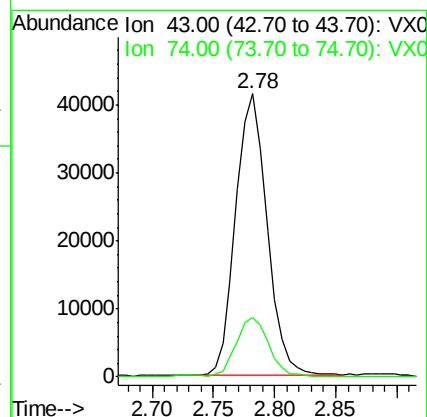
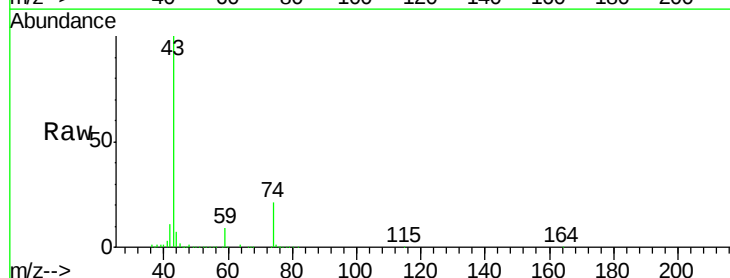
Acq: 28 Jun 2018 00:00

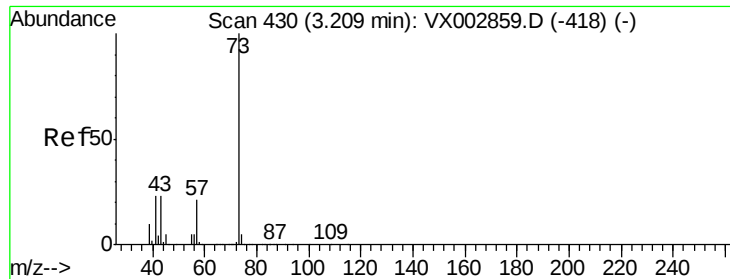
Tgt Ion: 43 Resp: 74149

Ion Ratio Lower Upper

43 100

74 21.7 16.7 25.1





#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 :

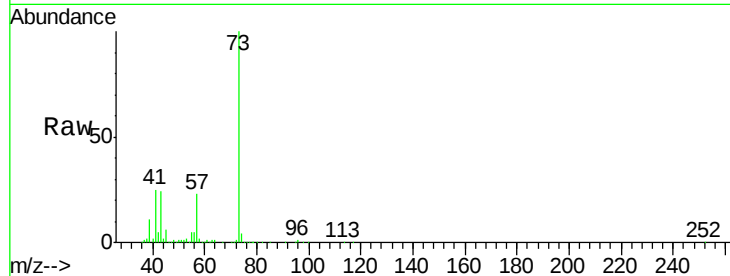
VX0627WBS02

Tot Ion: 73 Resp: 187486

Ion Ratio Lower Upper

73 100

57 22.8 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

80000

60000

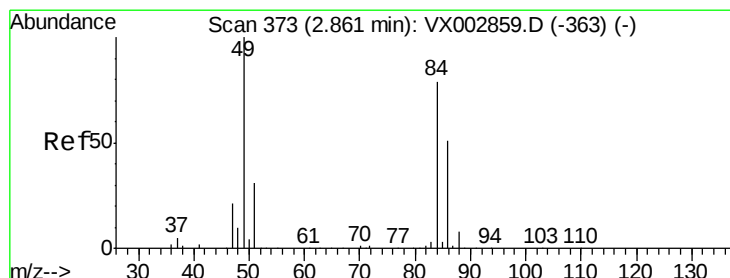
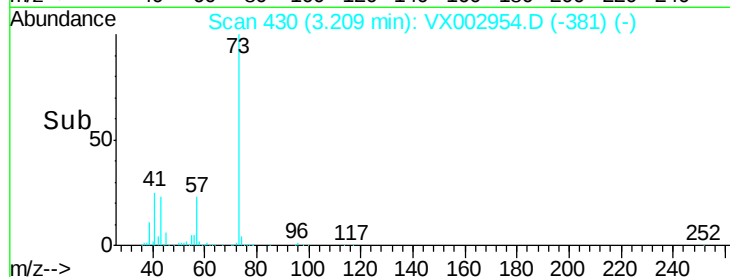
40000

20000

0

3.10 3.20 3.30

Time-->



#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

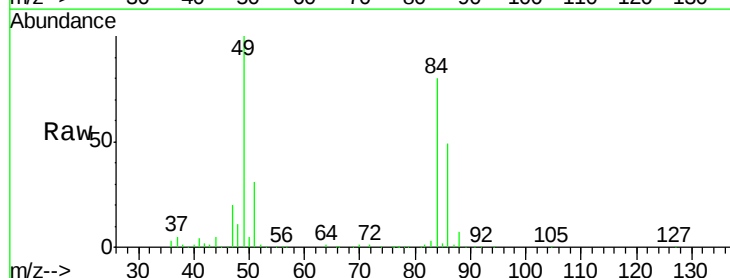
Ion Ratio Lower Upper

84 100

49 124.9 107.8 161.6

51 38.1 32.8 49.2

86 60.9 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

50000

40000

30000

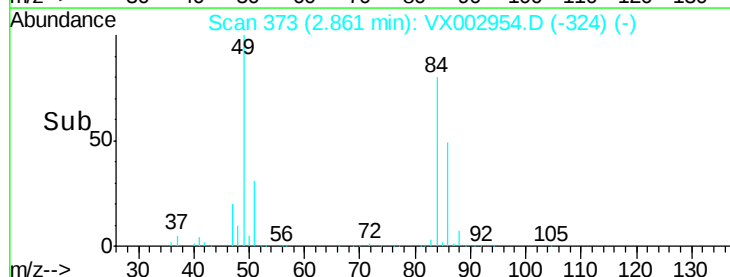
20000

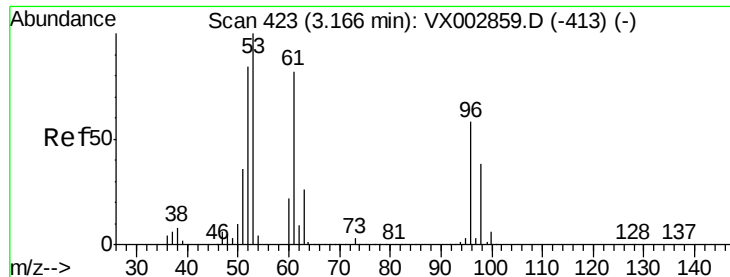
10000

0

2.80 2.90 3.00

Time-->





#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

ClientSampleId :

VX0627WBS02

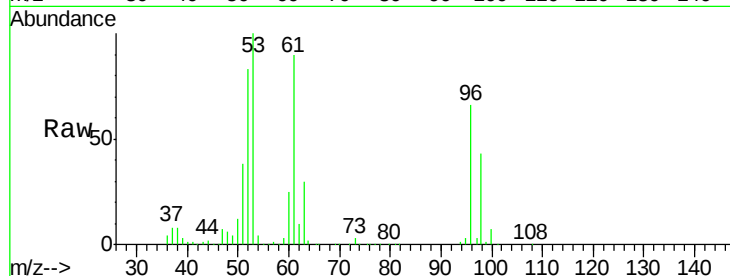
Tot Ion: 96 Resp: 57139

Ion Ratio Lower Upper

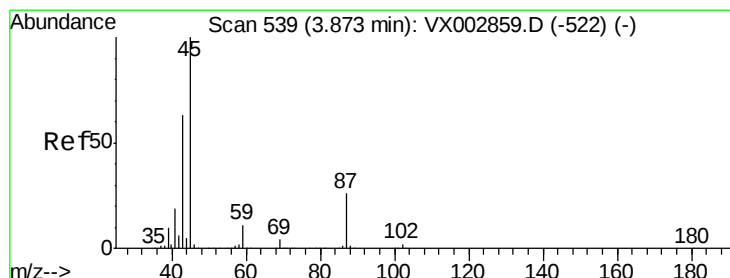
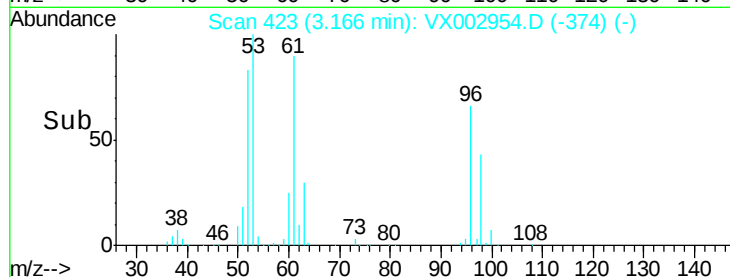
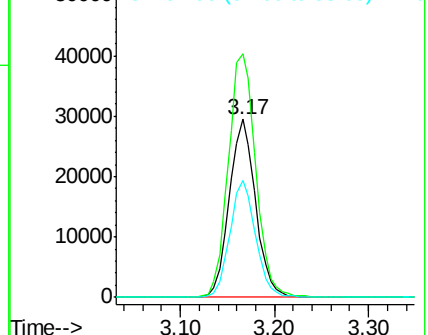
96 100

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

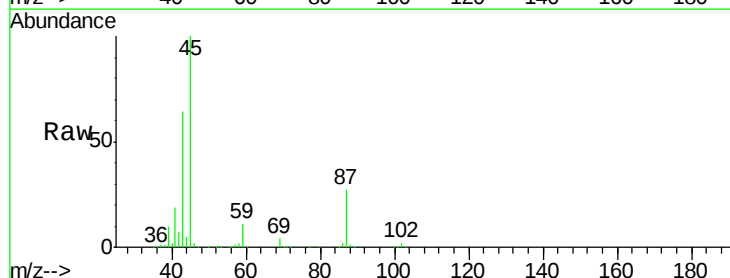
Ion Ratio Lower Upper

45 100

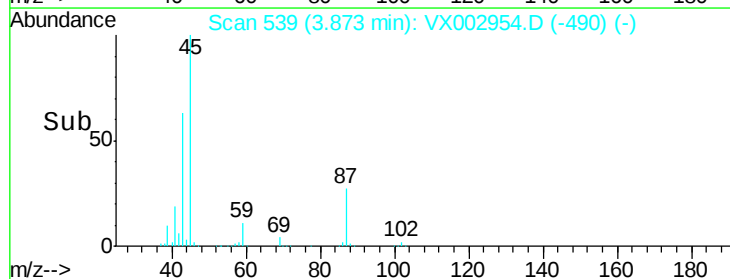
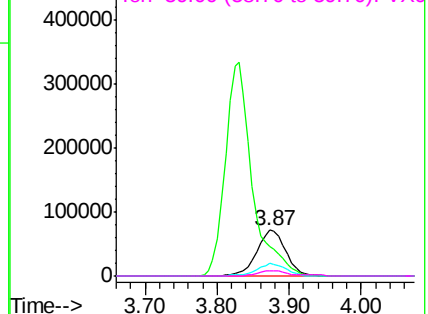
43 63.2 46.8 70.2

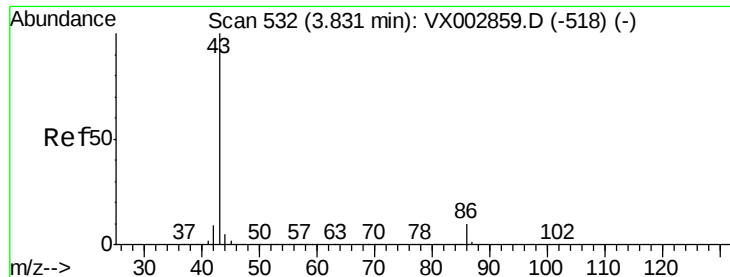
87 27.1 20.2 30.4

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 :

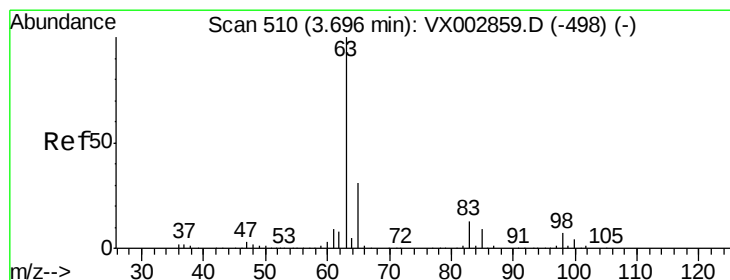
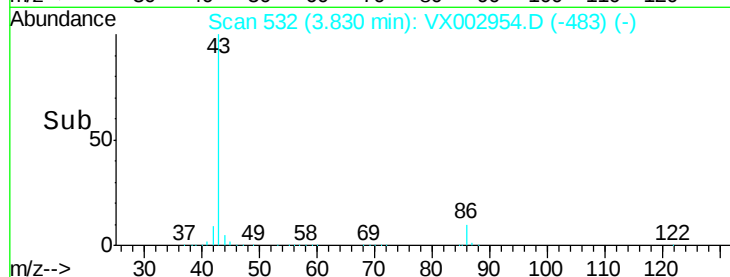
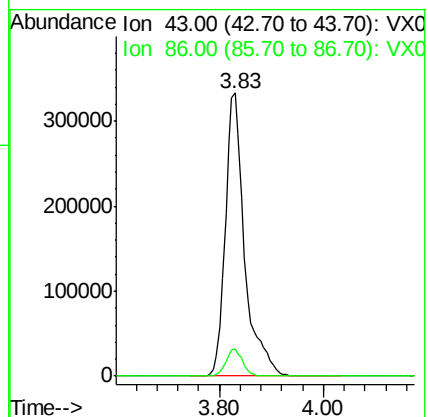
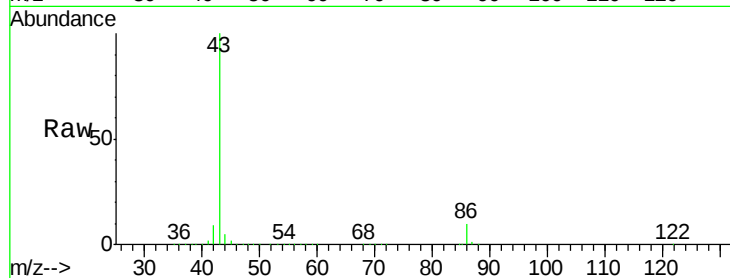
VX0627WBS02

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

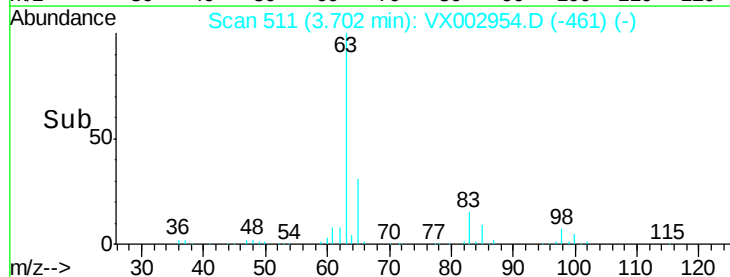
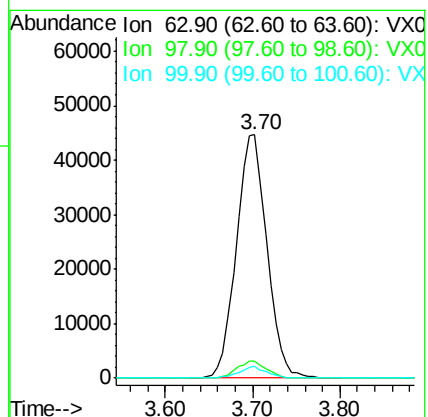
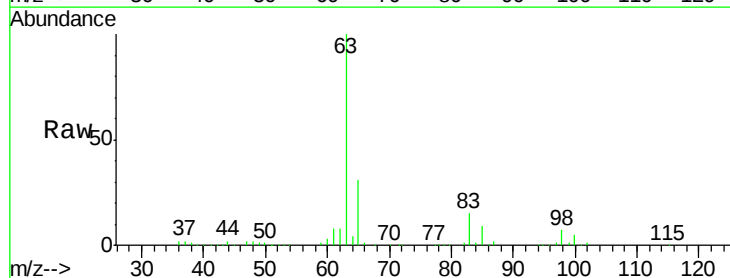
Tgt Ion: 63 Resp: 108643

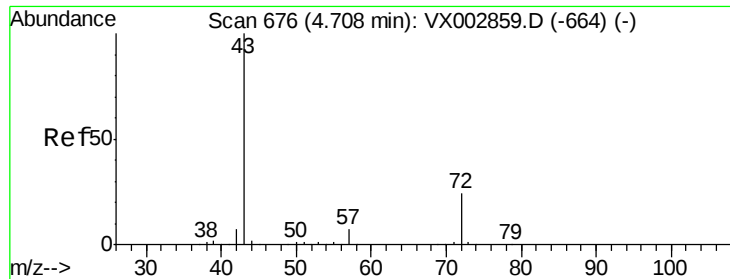
Ion Ratio Lower Upper

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

ClientSampleId :

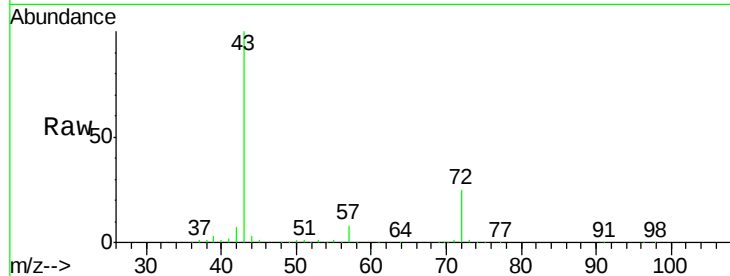
VX0627WBS02

Tot Ion: 43 Resp: 227807

Ion Ratio Lower Upper

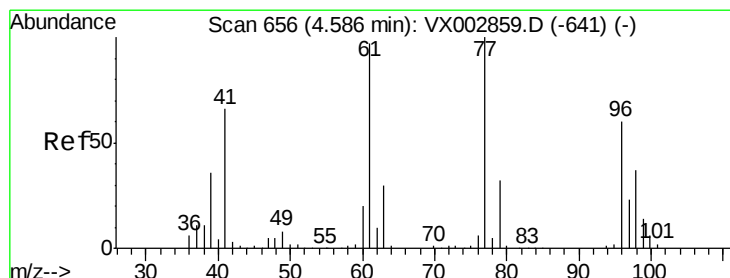
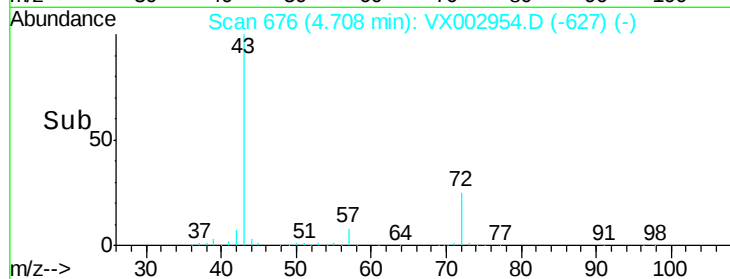
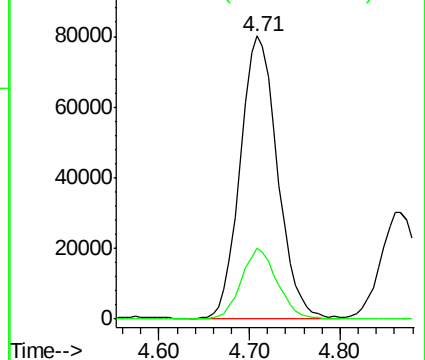
43 100

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

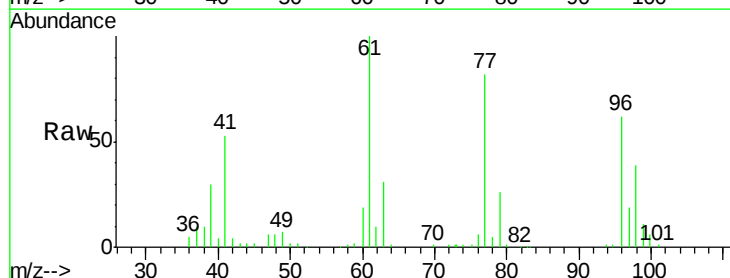
Acq: 28 Jun 2018 00:00

Tgt Ion: 77 Resp: 67393

Ion Ratio Lower Upper

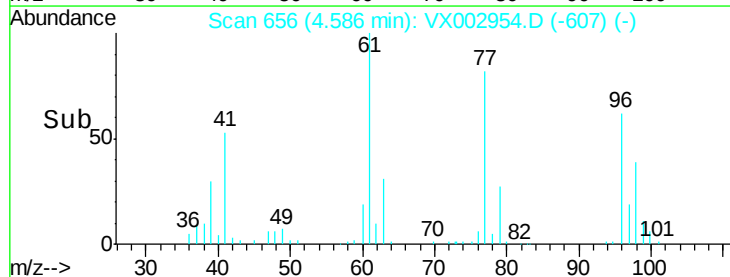
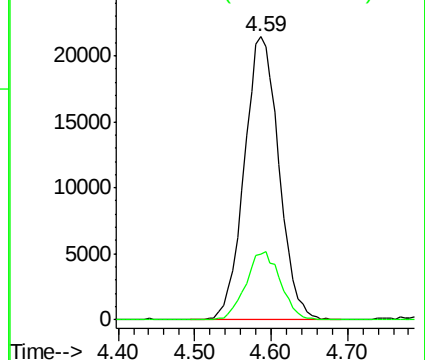
77 100

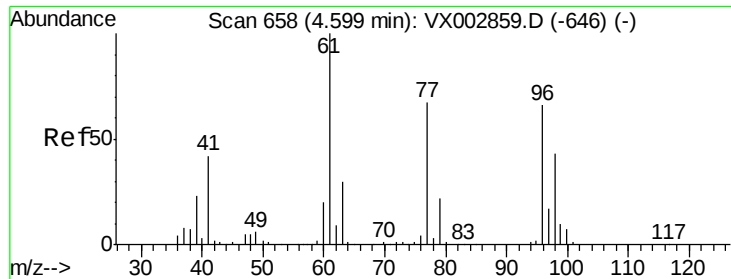
97 24.1 11.2 33.5



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 :

VX0627WBS02

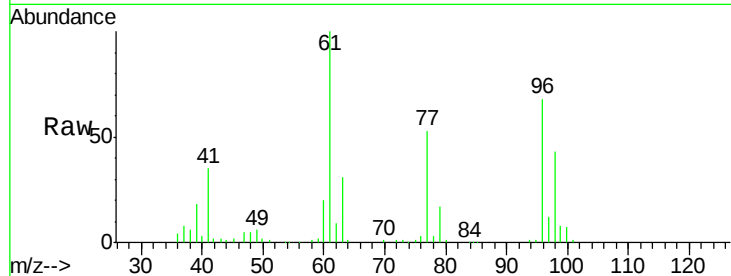
Tot Ion: 96 Resp: 63717

Ion Ratio Lower Upper

96 100

61 160.4 0.0 330.2

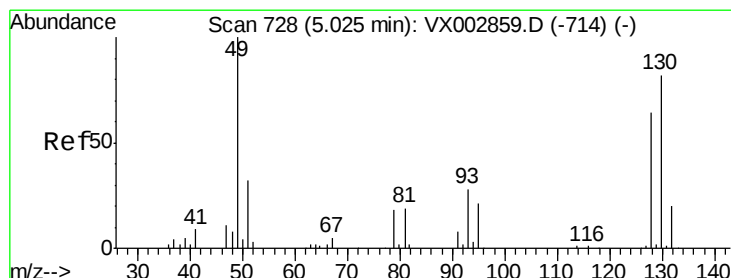
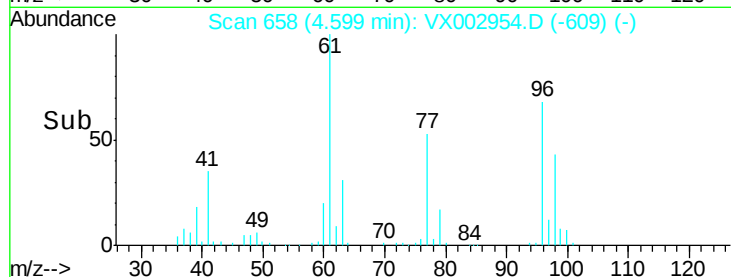
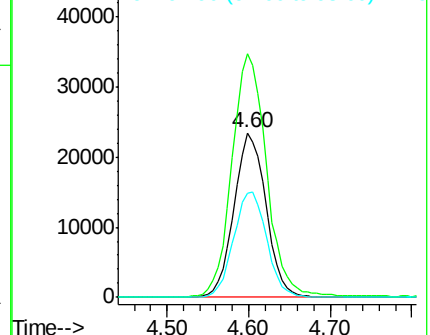
98 66.0 0.0 130.2



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

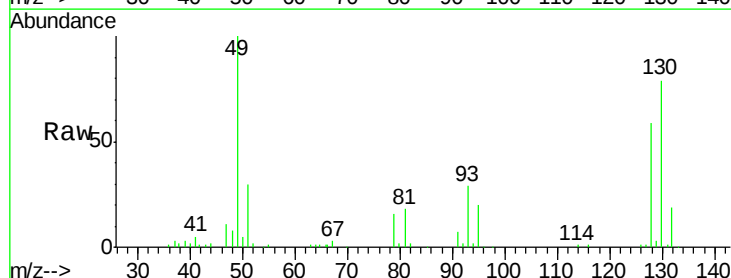
Tgt Ion: 49 Resp: 51241

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

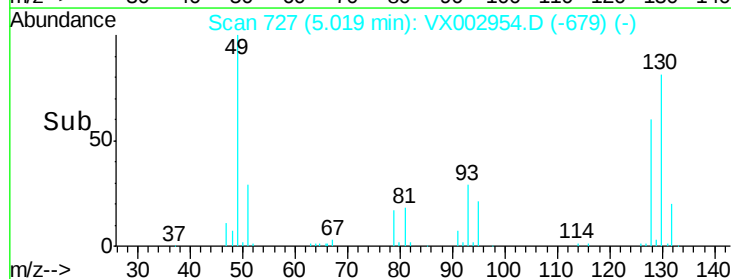
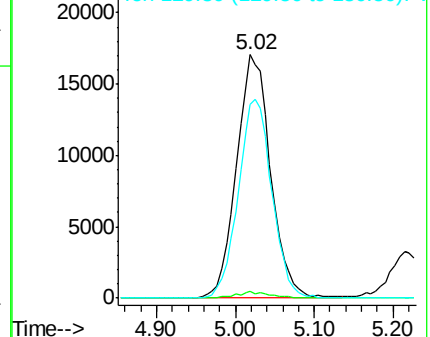
130 80.4 61.2 91.8

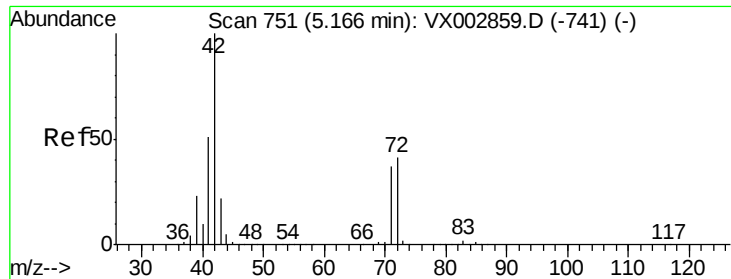


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

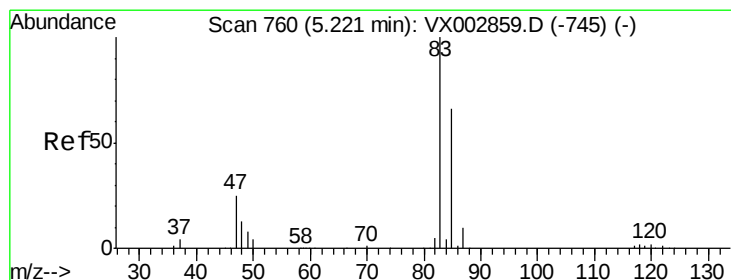
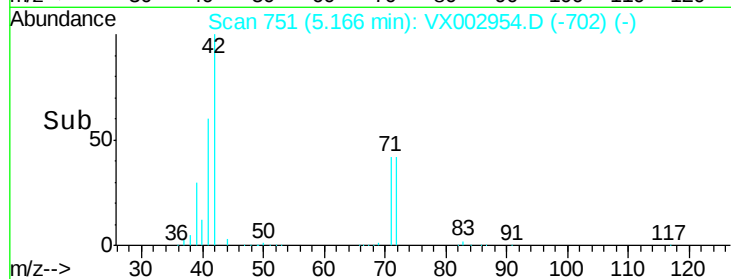
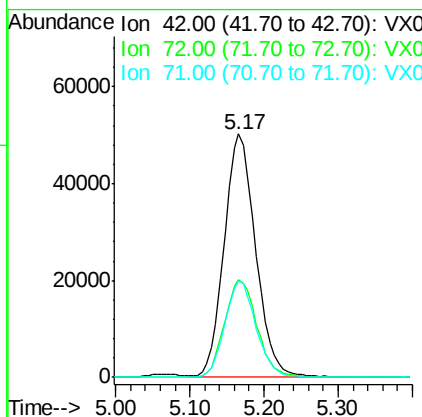
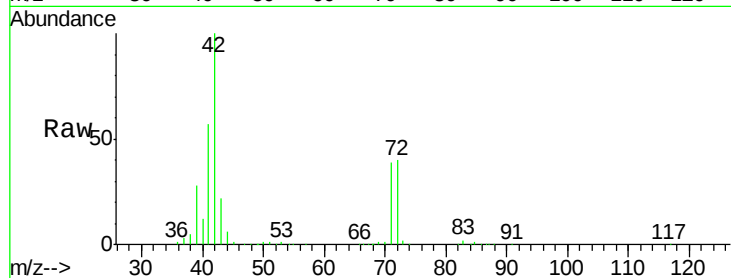




#29
Tetrahydrofuran
Concen: 102.29 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

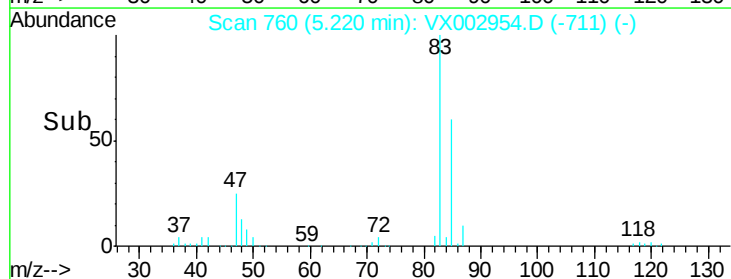
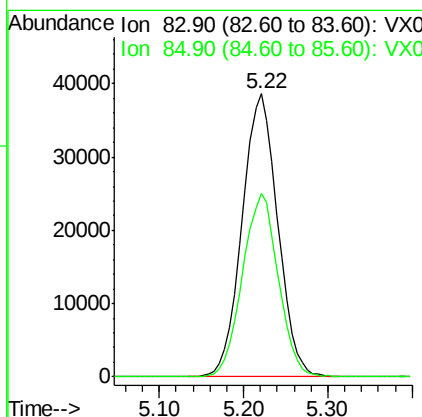
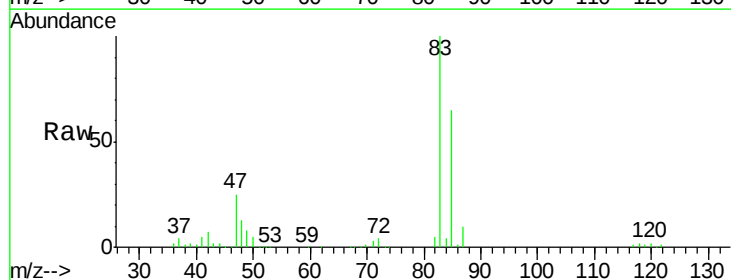
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

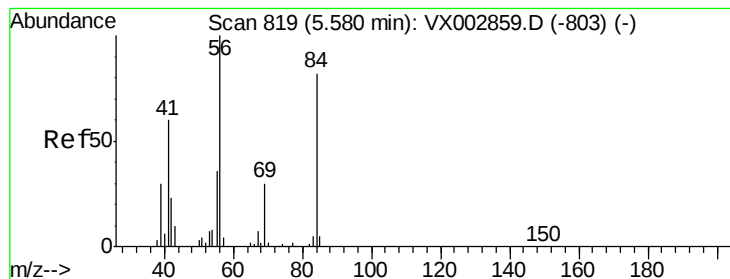
Tot Ion: 42 Resp: 147599
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 39.4 30.1 45.1



#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 :

VX0627WBS02

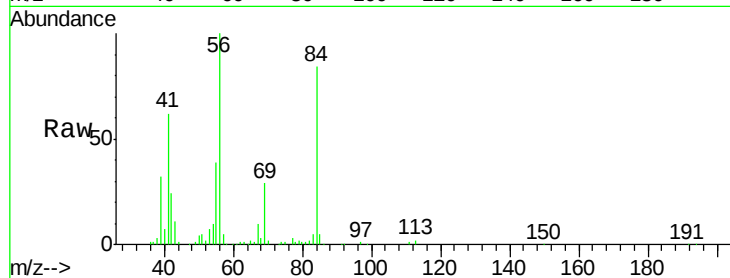
Tot Ion: 56 Resp: 93076

Ion Ratio Lower Upper

56 100

69 29.5 23.7 35.5

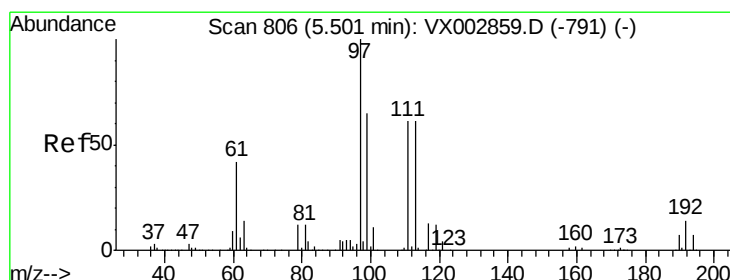
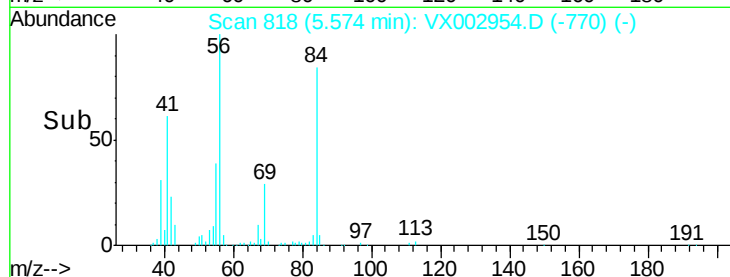
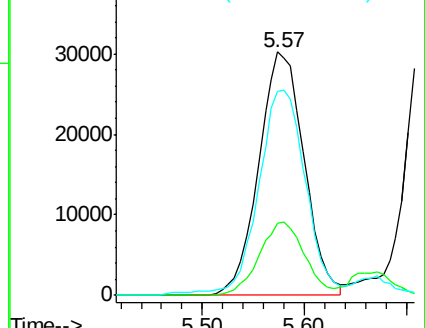
84 82.4 64.1 96.1



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

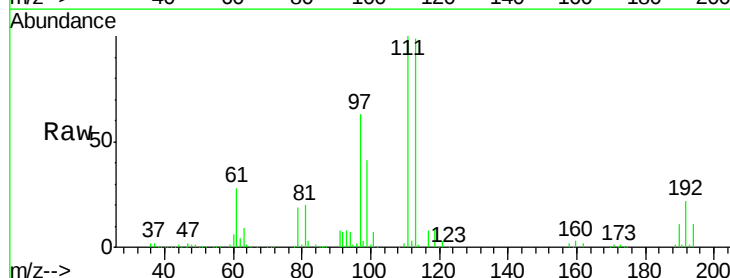
Tgt Ion: 97 Resp: 97163

Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

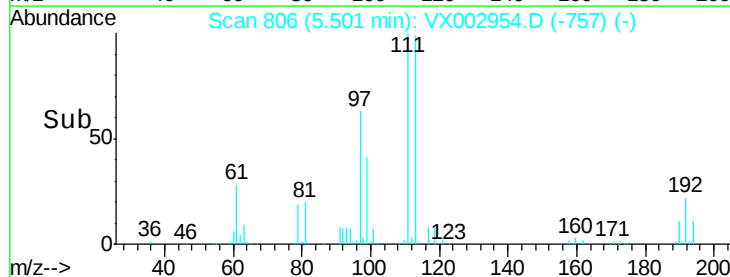
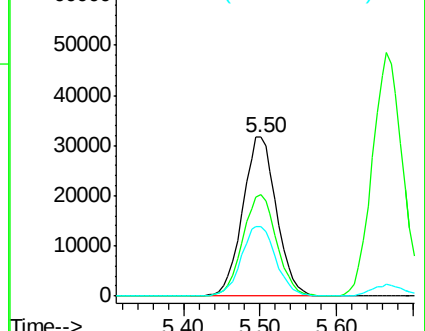
61 44.8 36.4 54.6

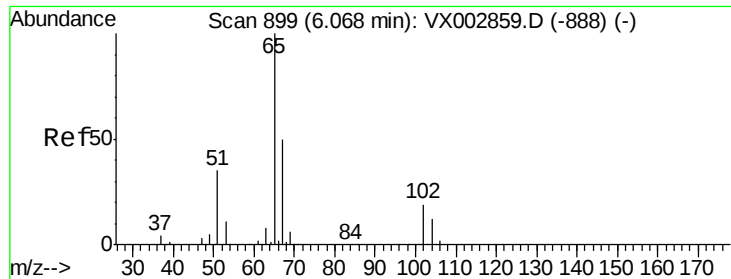


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

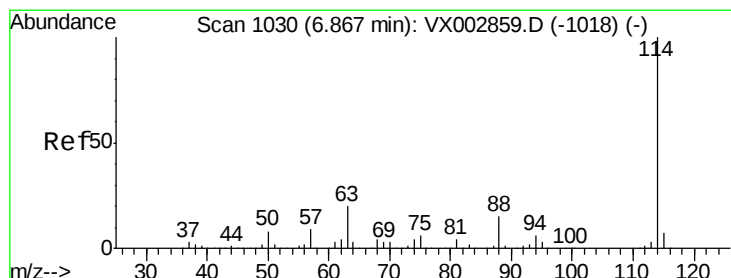
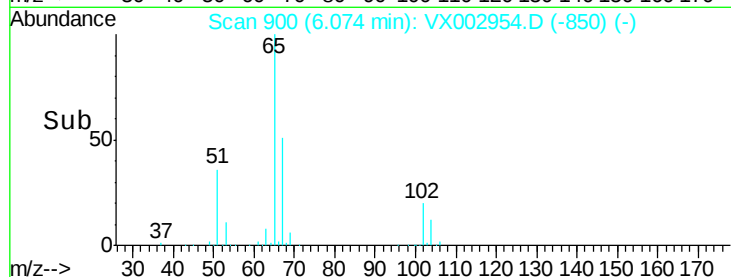
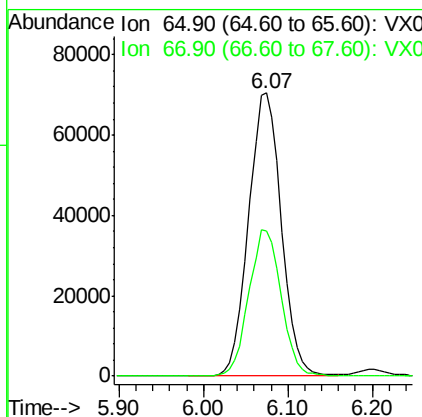
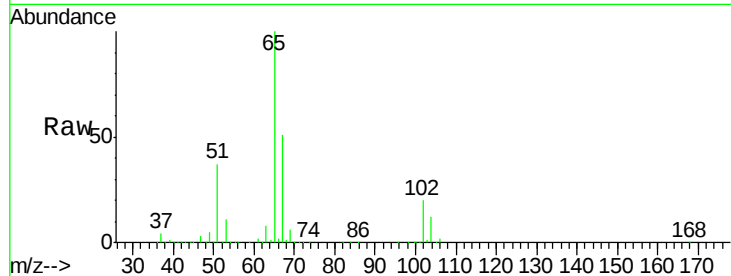




#33
 1,2-Dichloroethane-d4
 Concen: 50.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

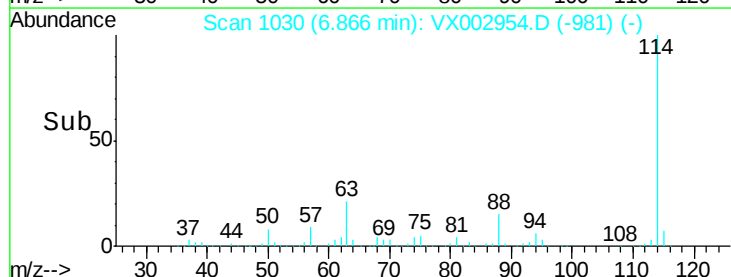
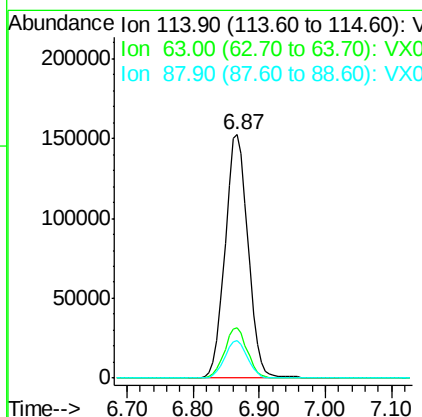
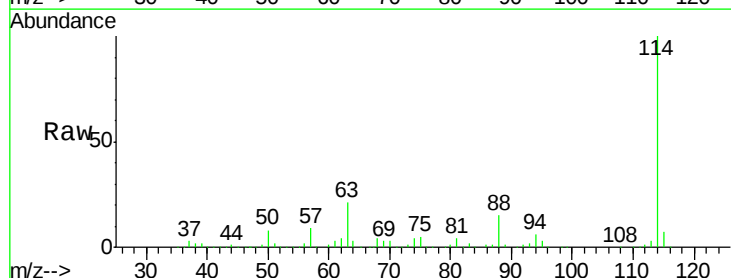
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

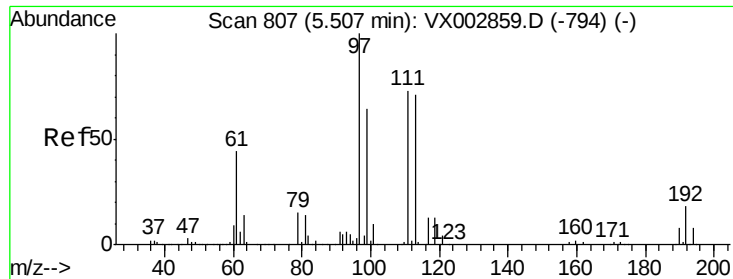
Tot Ion: 65 Resp: 185846
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#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

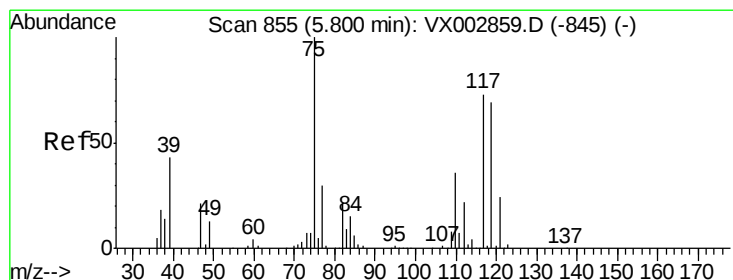
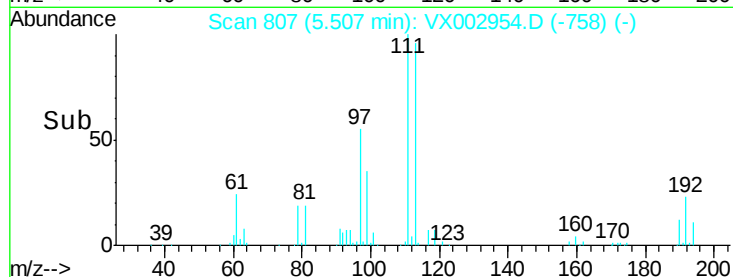
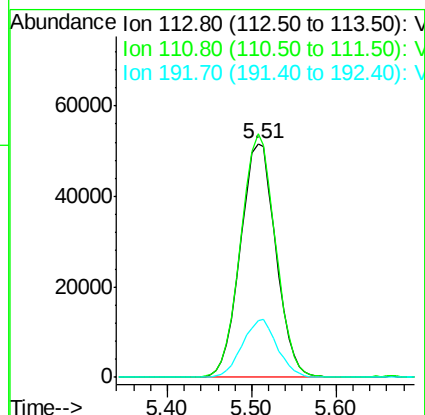
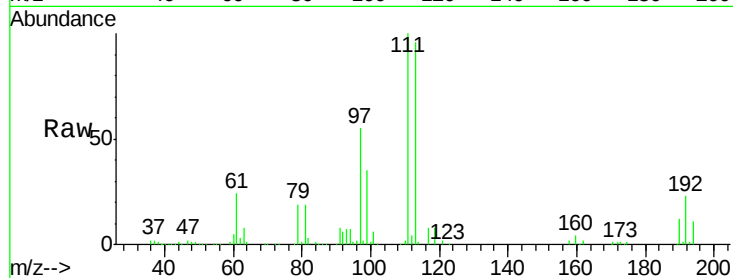




#35
Dibromofluoromethane
Concen: 50.60 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

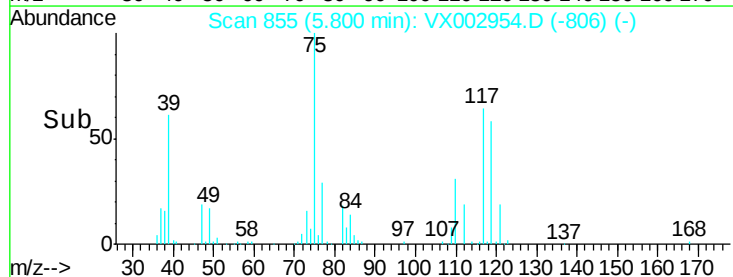
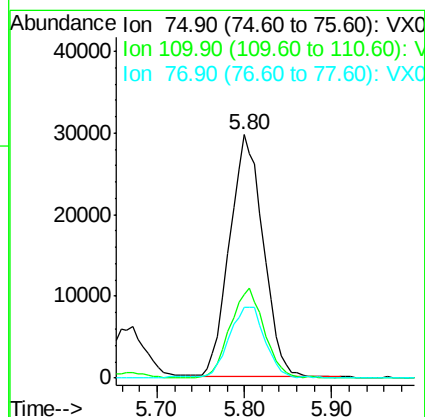
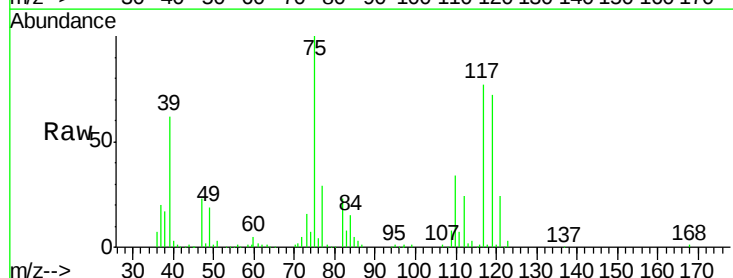
Instrument :
MSVOA_X
ClientSampled :
VX0627WBS02

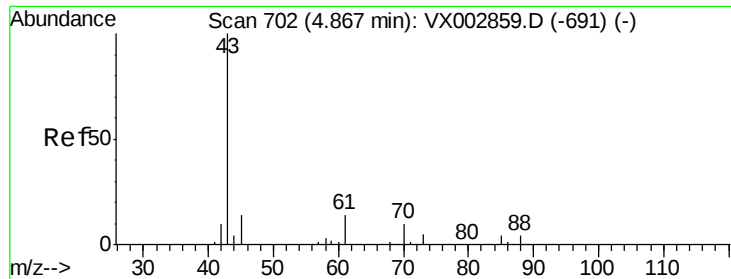
Tot Ion:113 Resp: 147325
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 24.5 19.1 28.7



#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

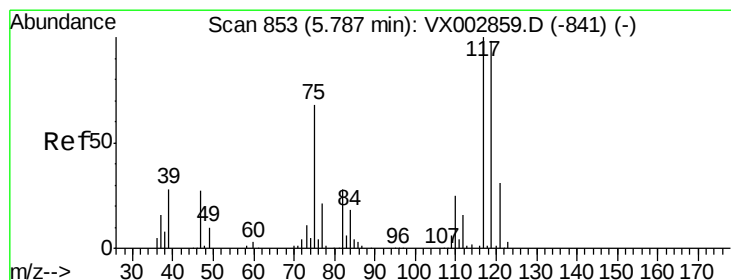
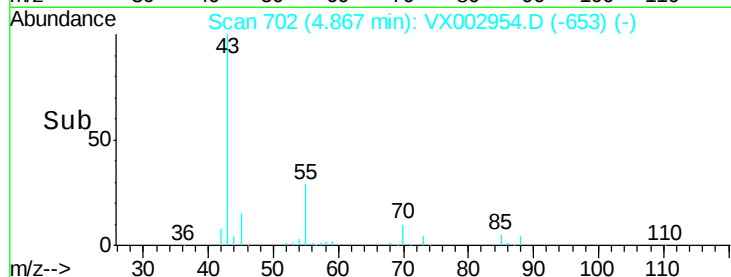
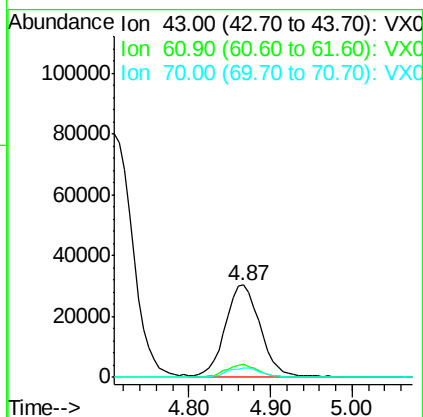
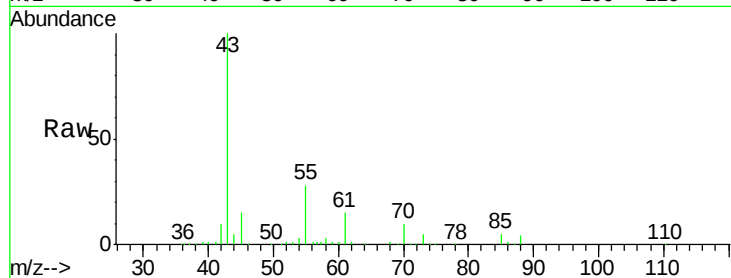




#37
Ethyl Acetate
Concen: 20.50 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

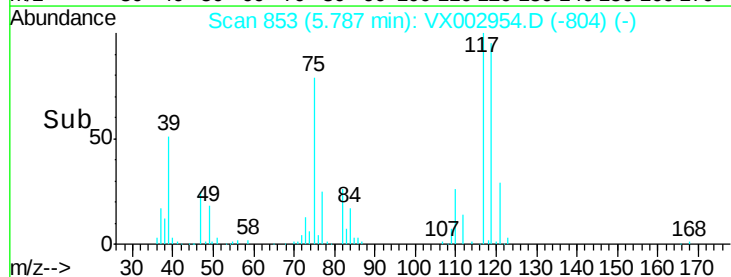
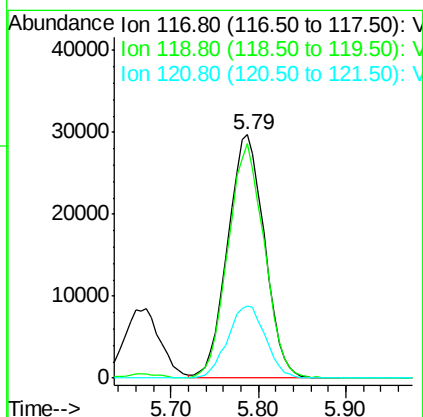
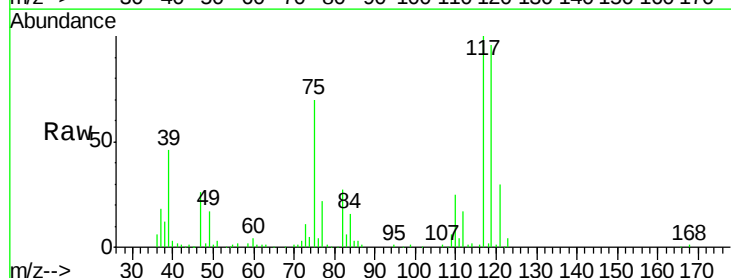
Instrument :
MSVOA_X
ClientSampled :
VX0627WBS02

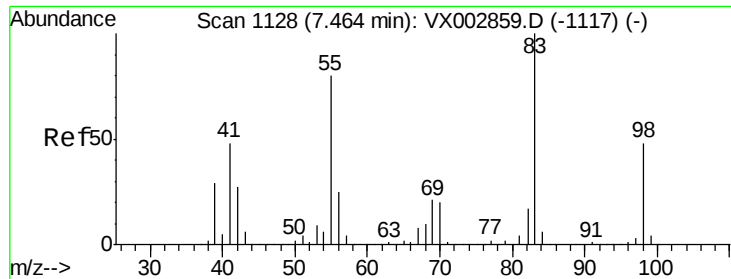
Tot Ion: 43 Resp: 88972
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.2 7.6 11.4



#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

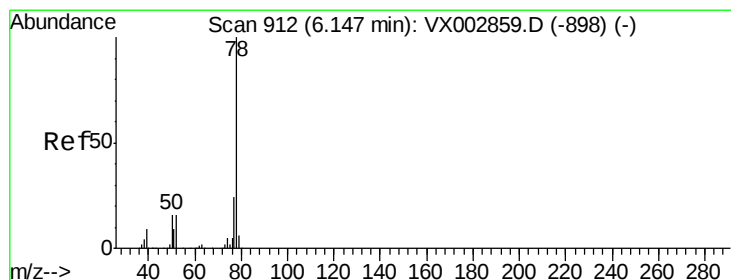
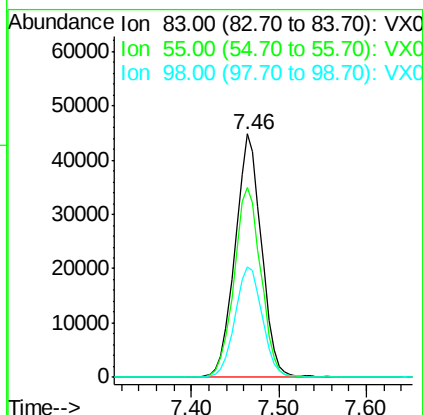
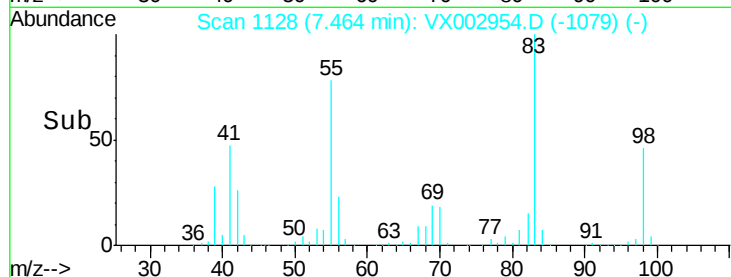
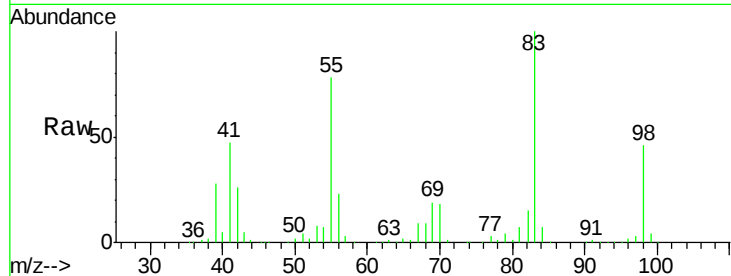




#39
Methvlcvclohexane
Concen: 20.02 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

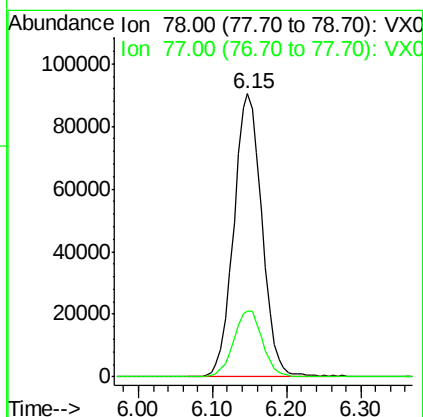
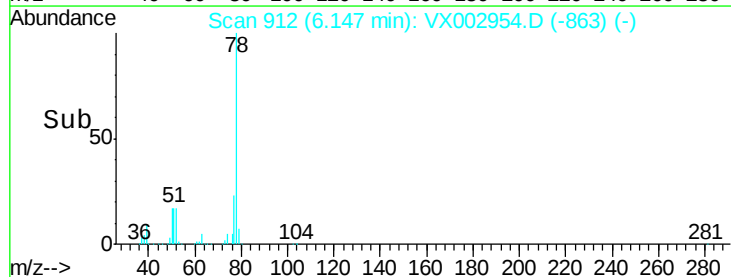
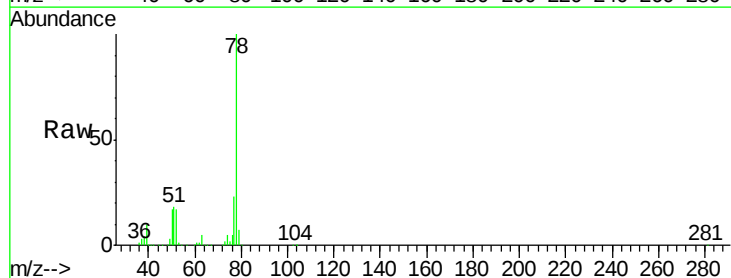
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

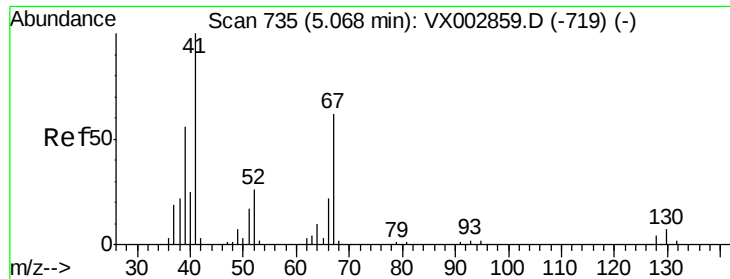
Tot Ion: 83 Resp: 94022
Ion Ratio Lower Upper
83 100
55 77.9 65.4 98.0
98 45.6 37.4 56.0



#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

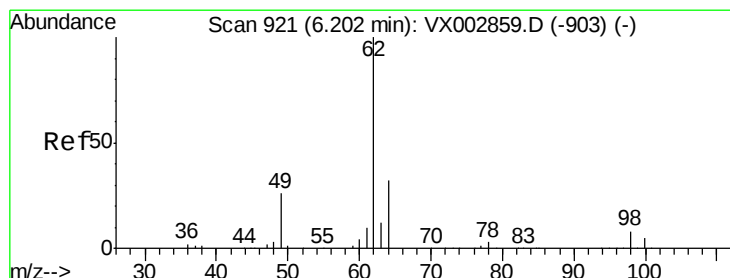
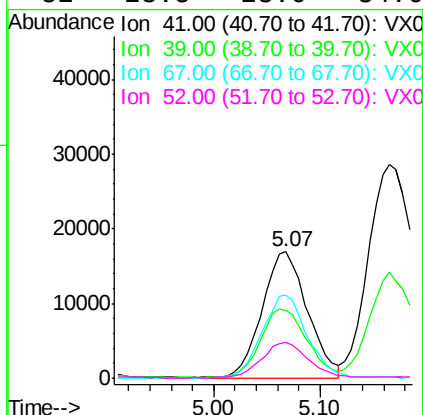
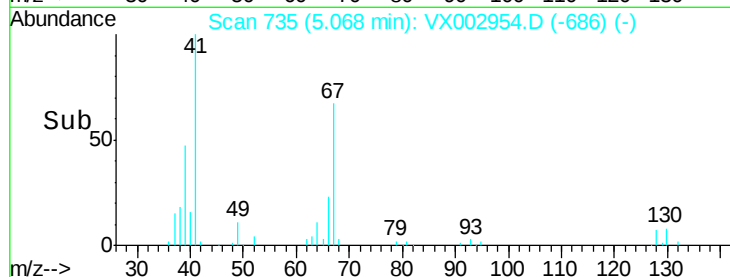
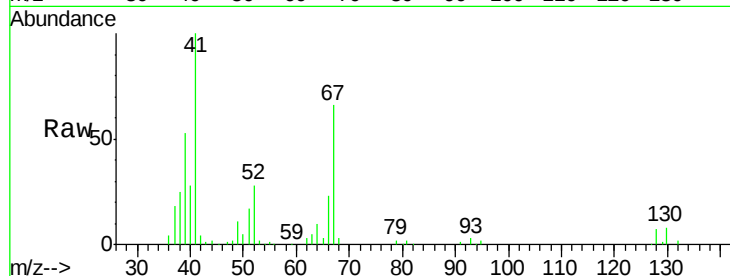




#41
Methacrylonitrile
Concen: 20.03 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

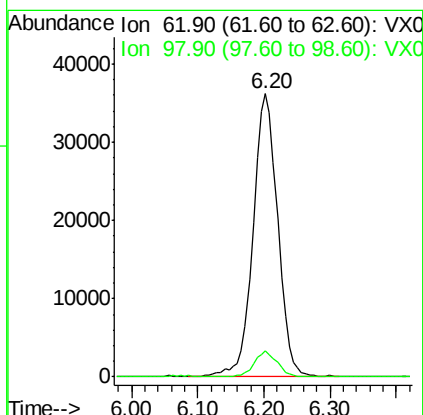
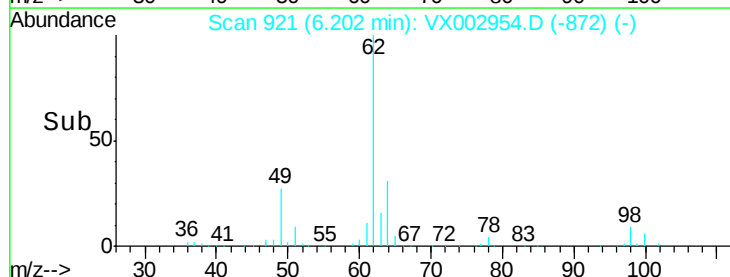
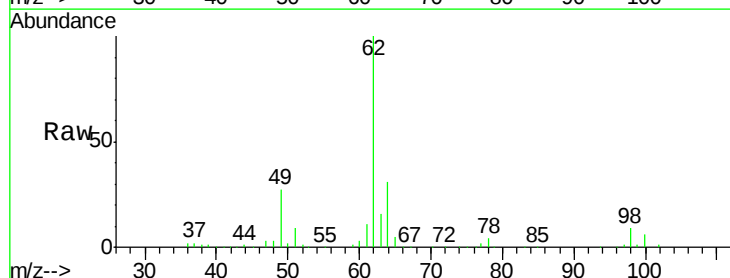
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

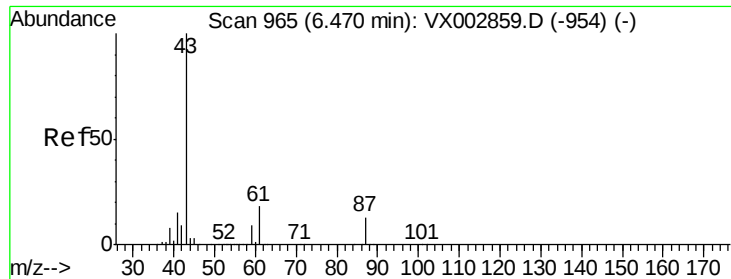
Tot Ion:	41	Resp:	50079
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	65.7	51.3	76.9
52	28.5	23.0	34.6



#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



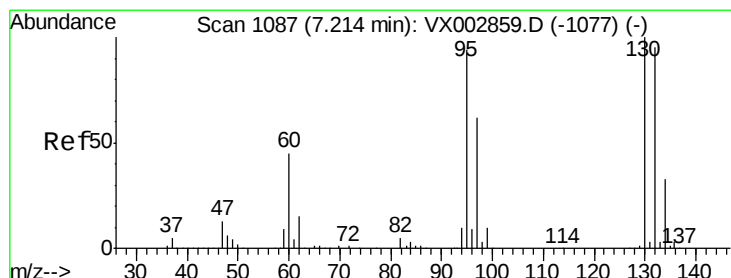
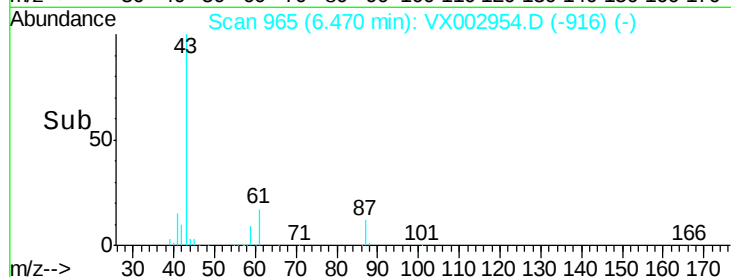
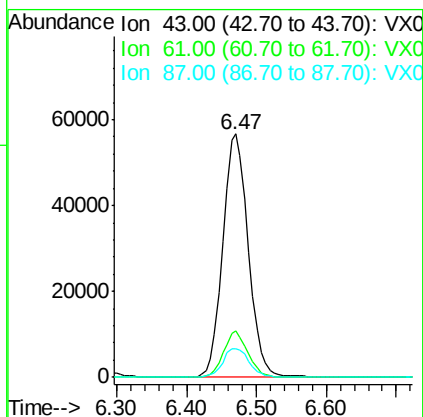
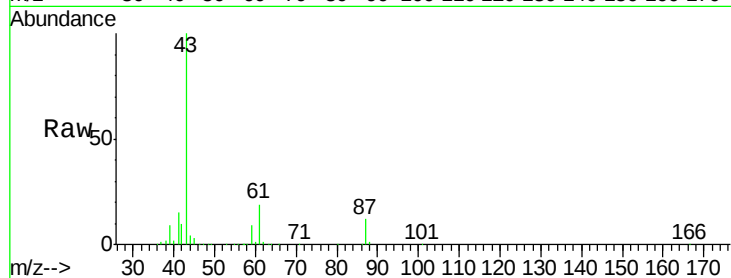


#43

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 :
 VX0627WBS02

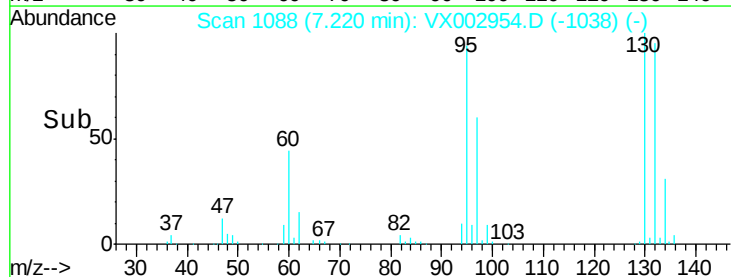
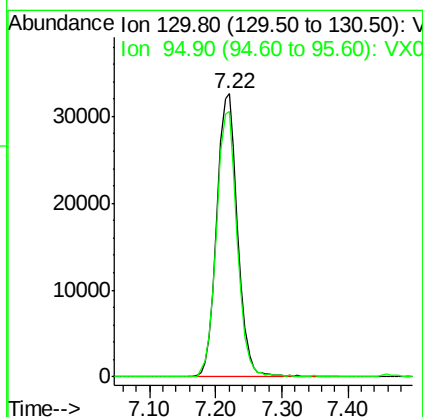
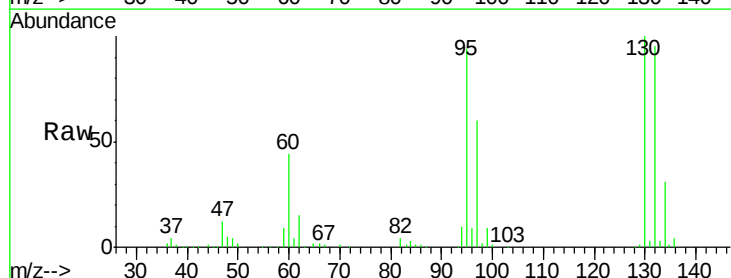
Tot Ion: 43 Resp: 142267
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.4 21.6
 87 12.3 9.5 14.3

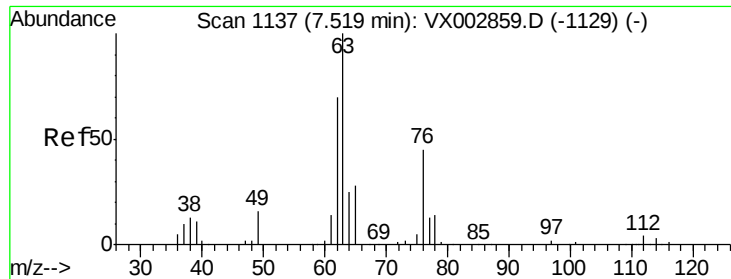


#44

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





#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 :

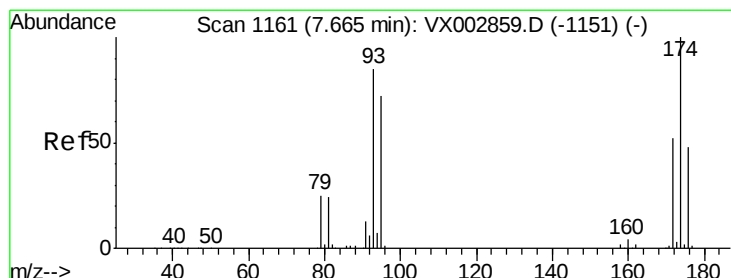
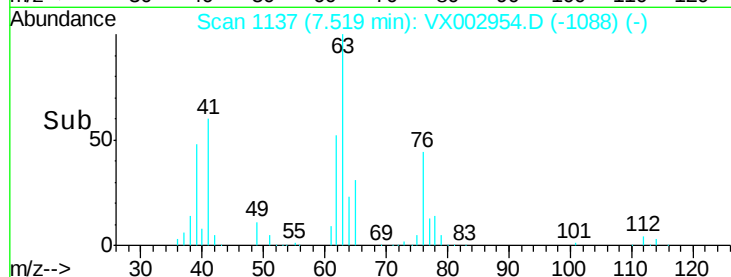
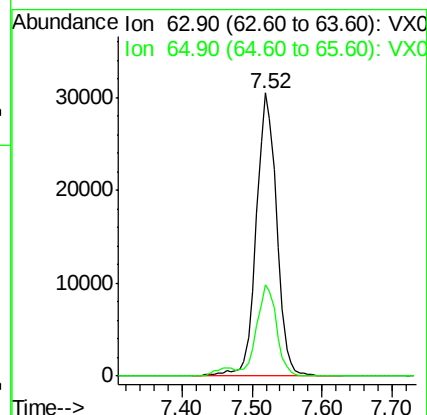
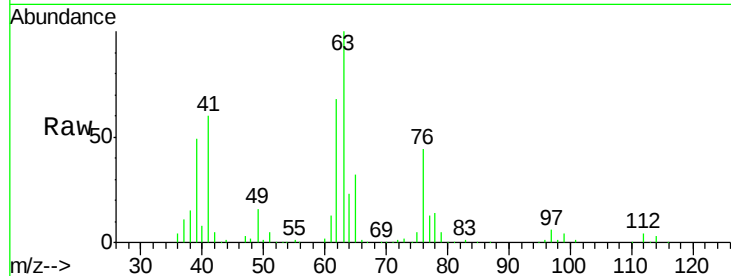
VX0627WBS02

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

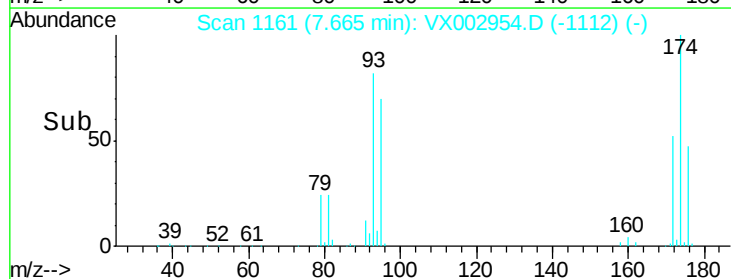
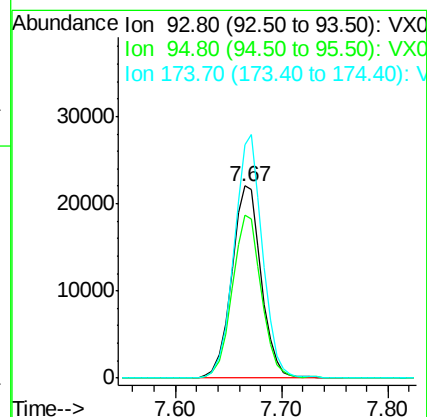
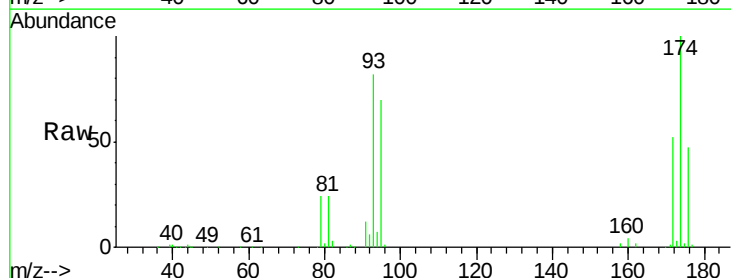
Tgt Ion: 93 Resp: 42669

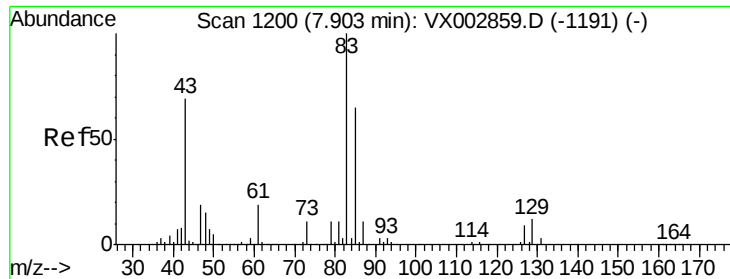
Ion Ratio Lower Upper

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

ClientSampleId :

VX0627WBS02

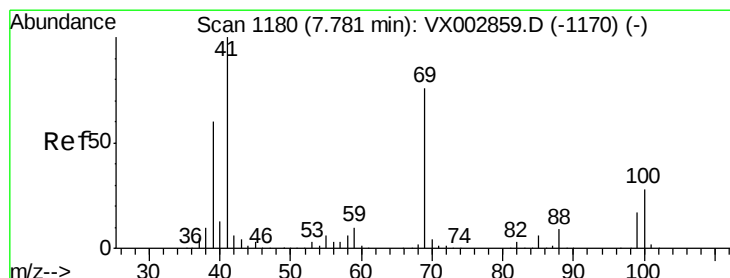
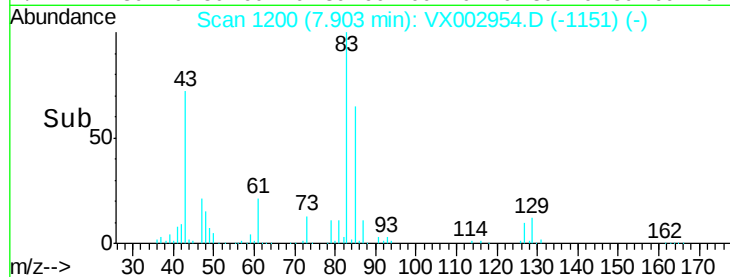
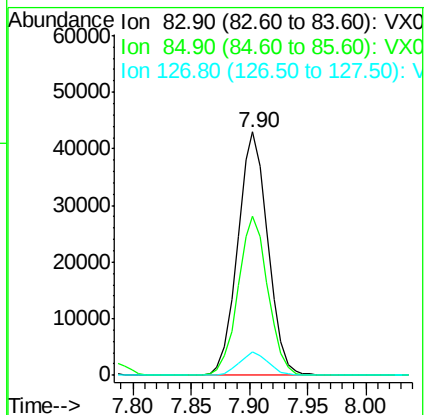
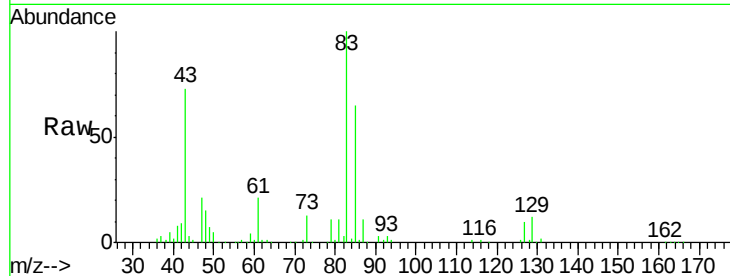
Tot Ion: 83 Resp: 77298

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

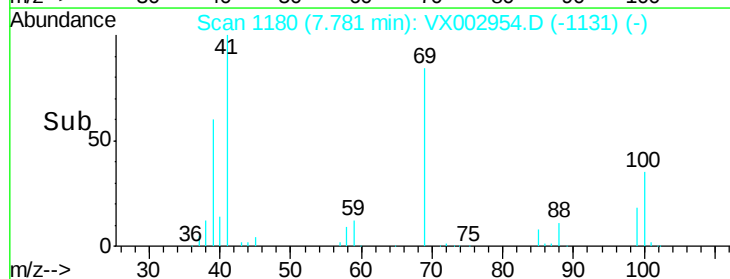
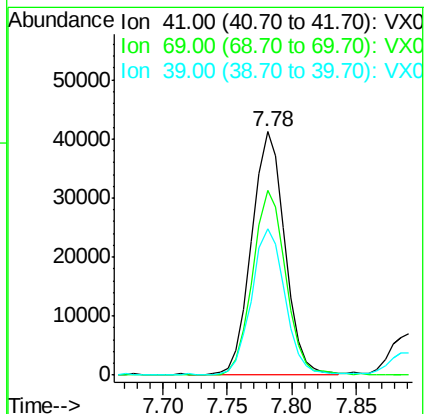
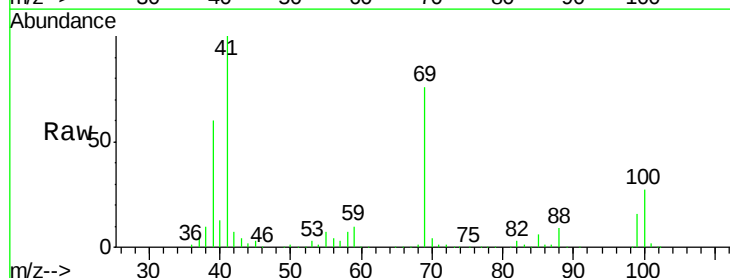
Tgt Ion: 41 Resp: 72751

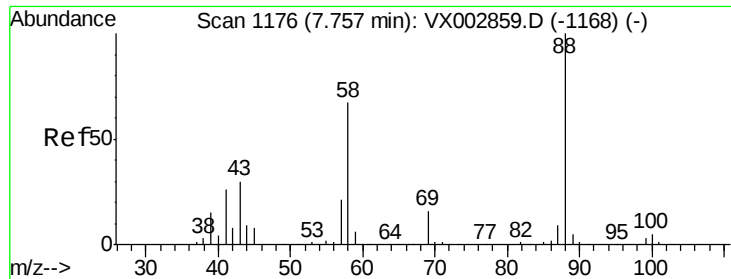
Ion Ratio Lower Upper

41 100

69 76.9 59.1 88.7

39 60.4 48.9 73.3

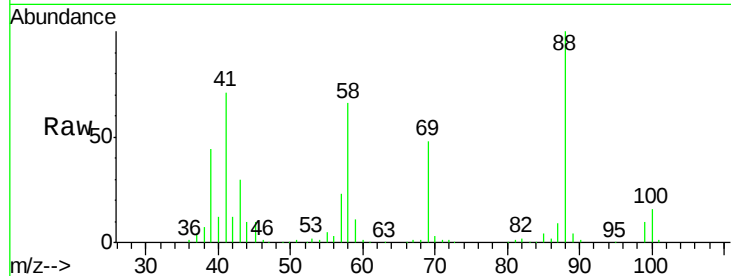




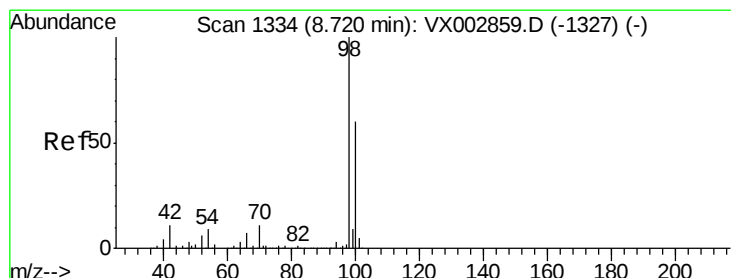
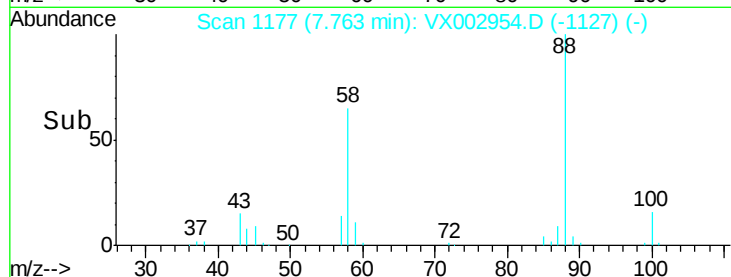
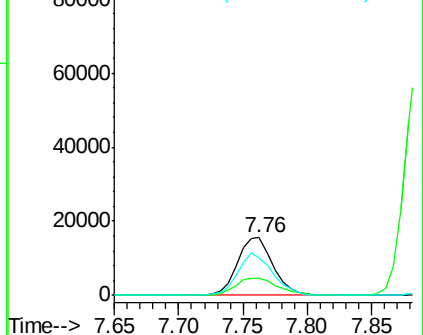
#49
1,4-Dioxane
Concen: 410.75 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

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

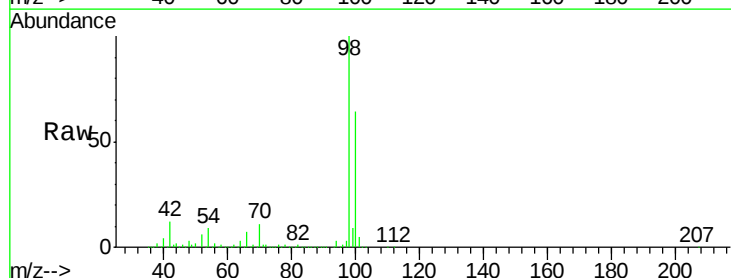


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

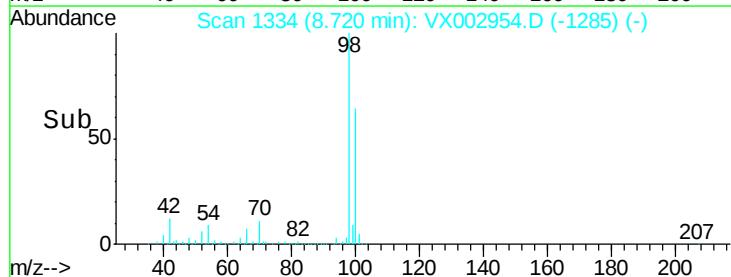
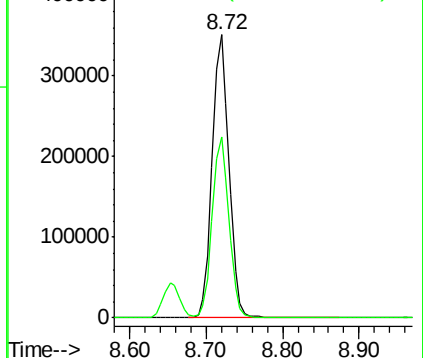


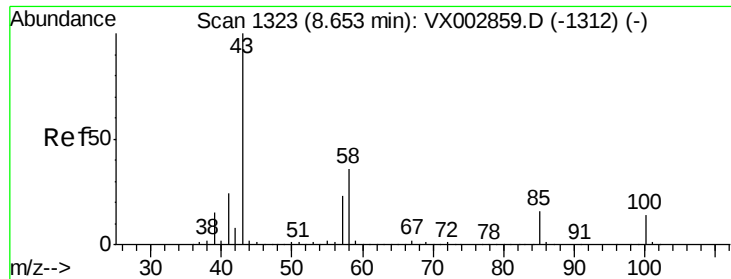
#50
Toluene-d8
Concen: 50.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

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

ClientSampleId :

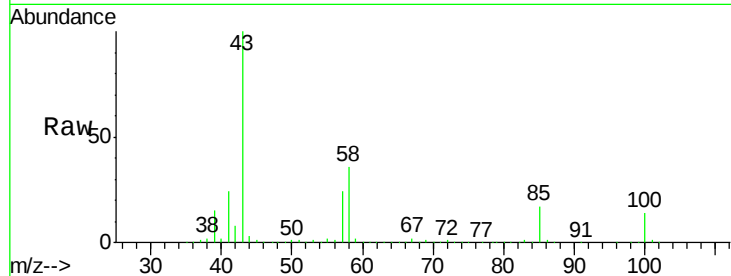
VX0627WBS02

Tot Ion: 43 Resp: 461294

Ion Ratio Lower Upper

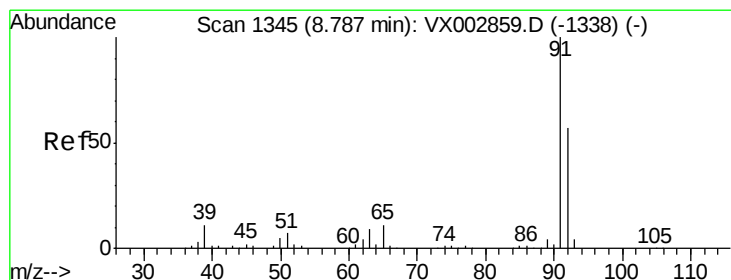
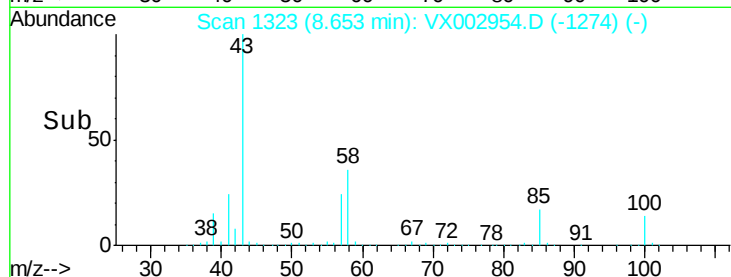
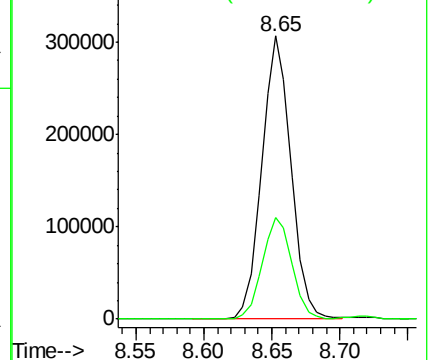
43 100

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

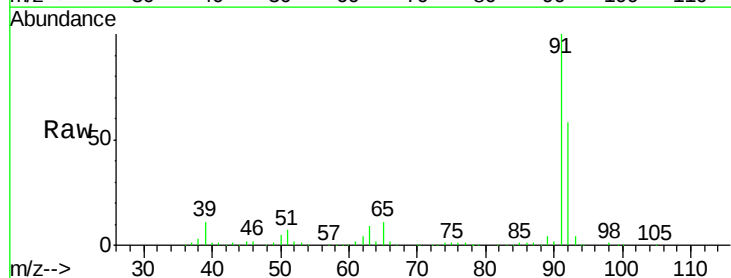
Acq: 28 Jun 2018 00:00

Tgt Ion: 92 Resp: 153787

Ion Ratio Lower Upper

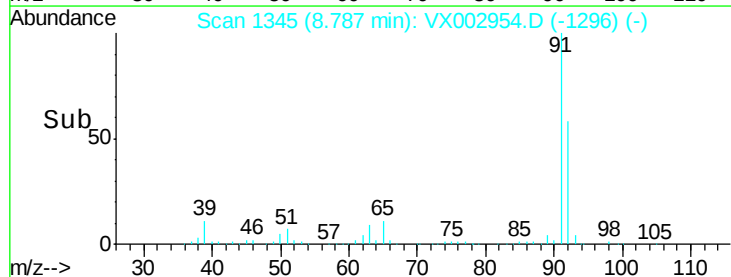
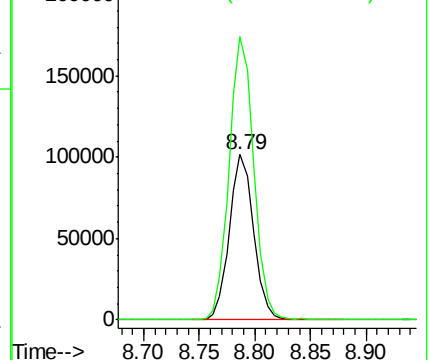
92 100

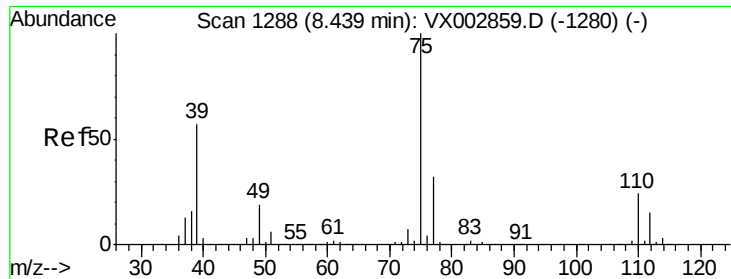
91 173.7 140.4 210.6



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 :

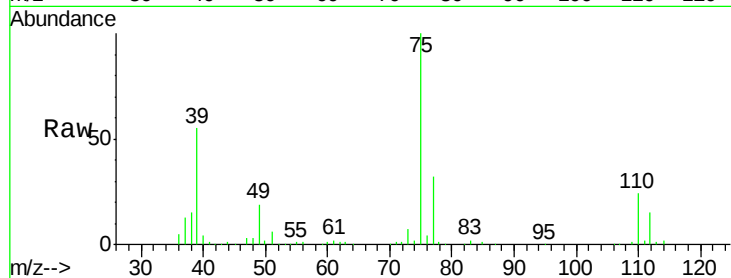
VX0627WBS02

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

8.44

60000

50000

40000

30000

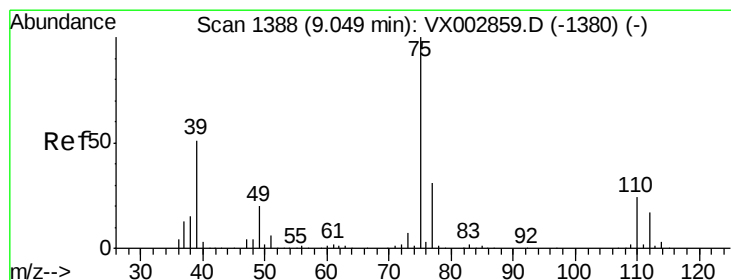
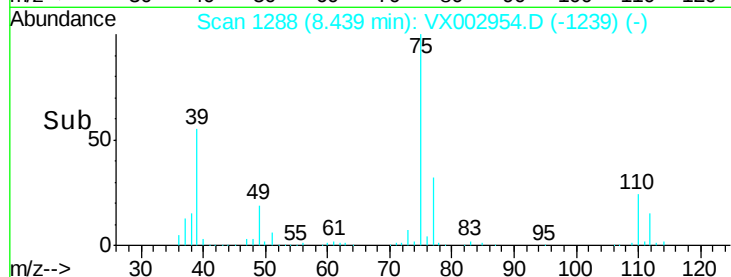
20000

10000

0

8.35 8.40 8.45 8.50 8.55

Time-->



#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

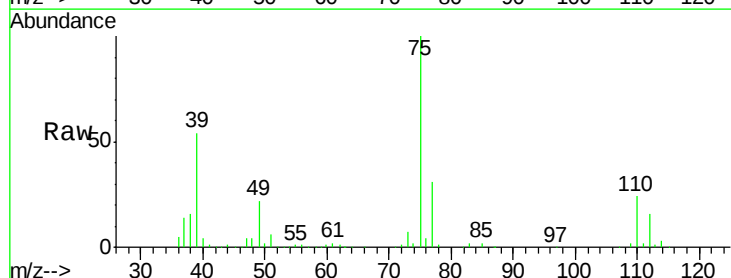
Tgt Ion: 75 Resp: 78956

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

9.04

60000

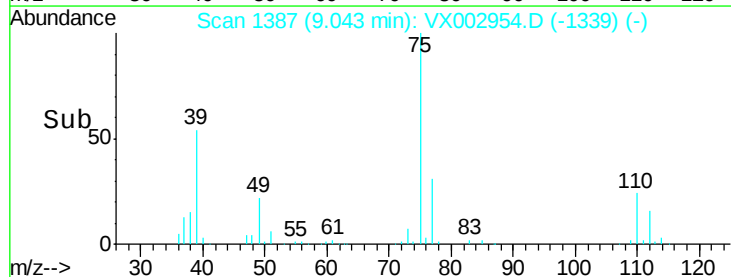
40000

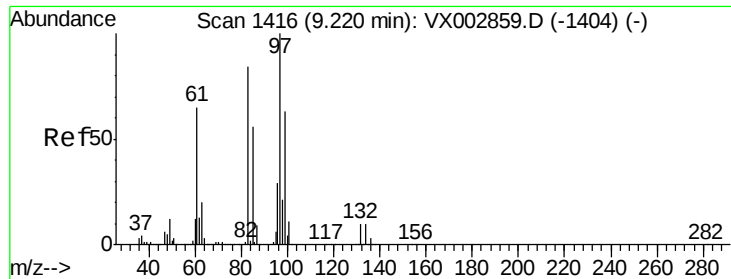
20000

0

9.00 9.10 9.20

Time-->

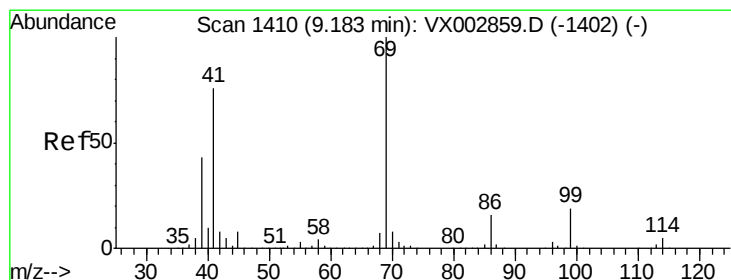
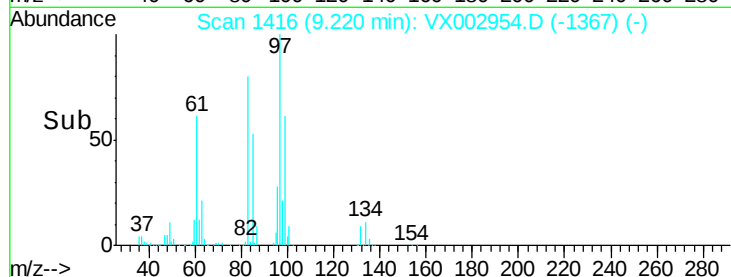
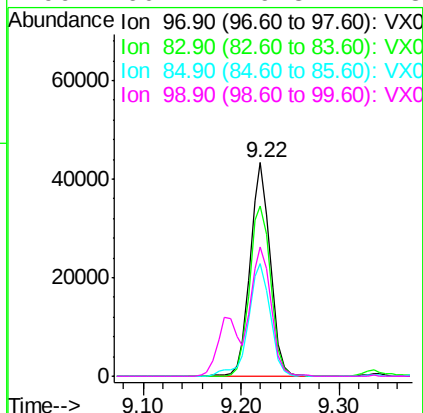
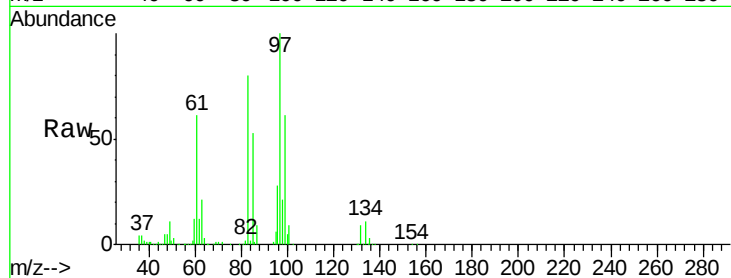




#55
 1,1,2-Trichloroethane
 Concen: 20.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

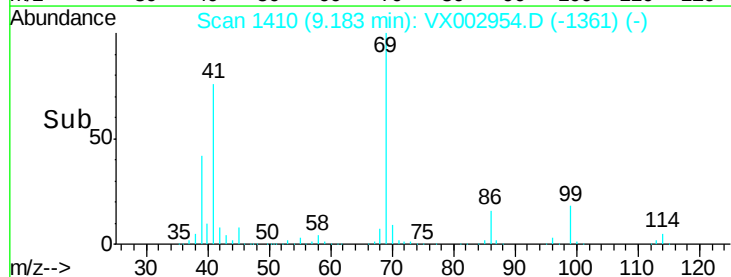
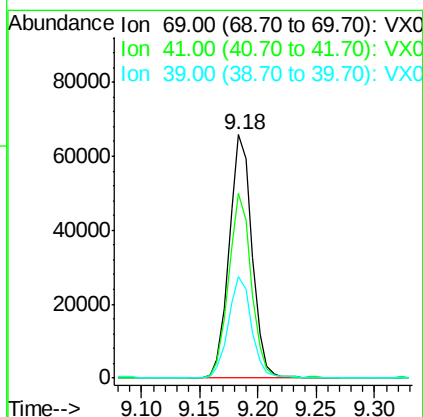
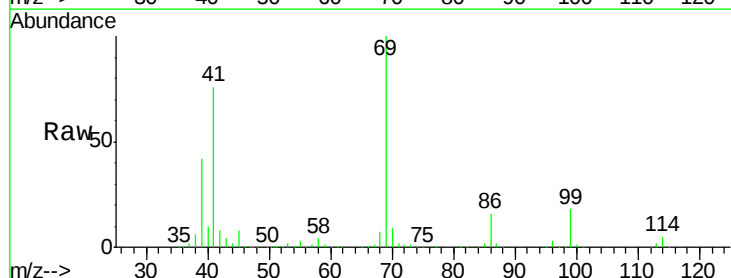
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

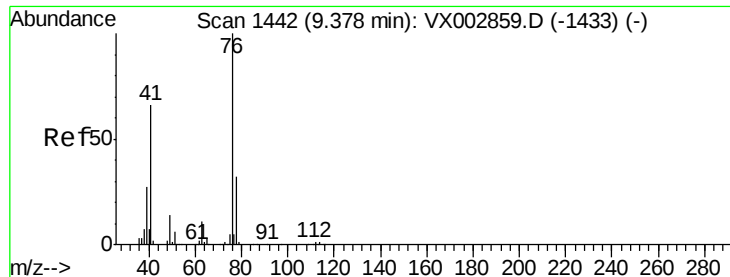
Tot Ion:	97	Resp:	61877
Ion	Ratio	Lower	Upper
97	100		
83	79.5	70.2	105.2
85	52.9	44.9	67.3
99	60.7	49.8	74.8



#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 :

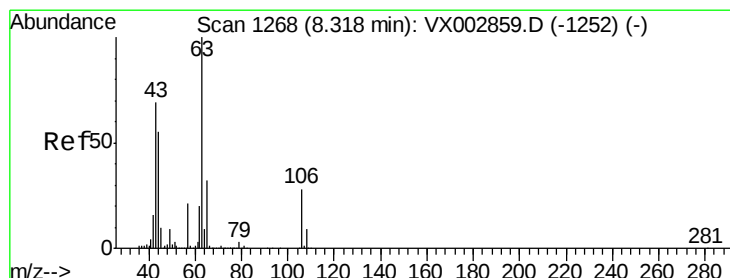
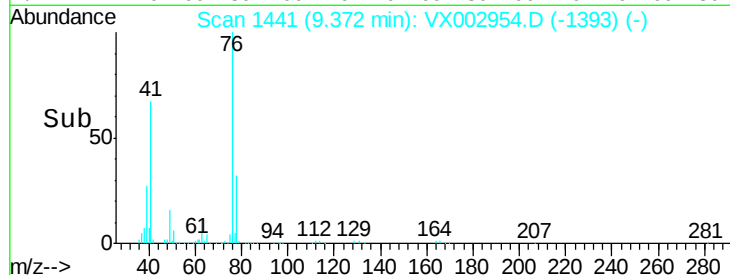
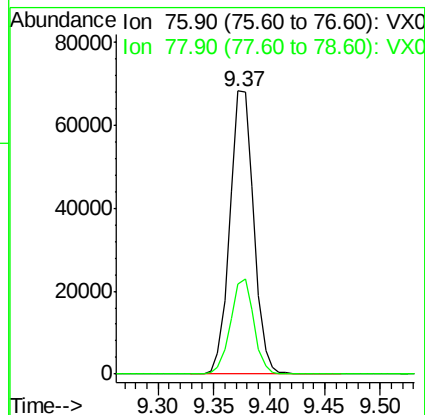
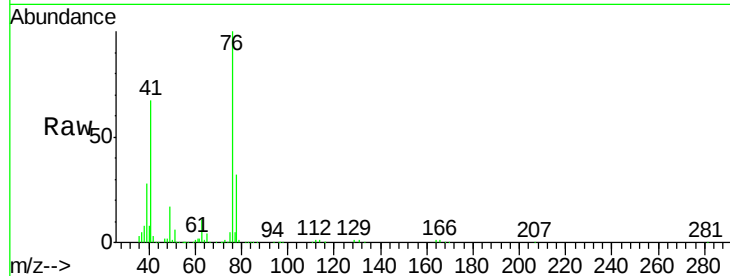
VX0627WBS02

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

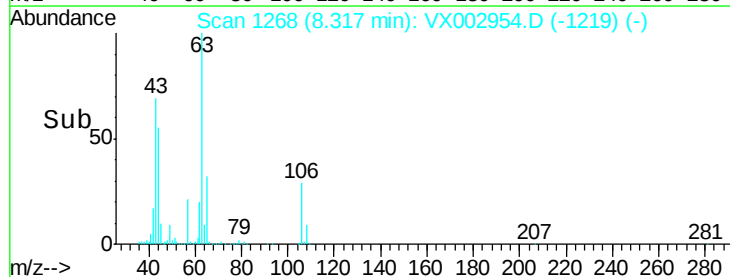
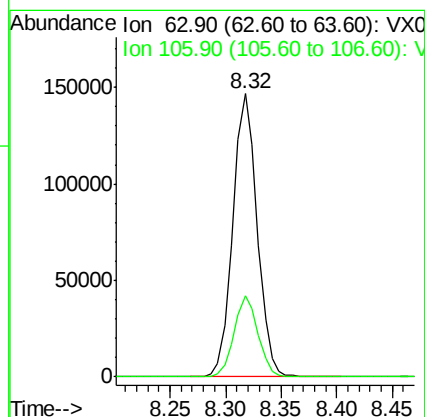
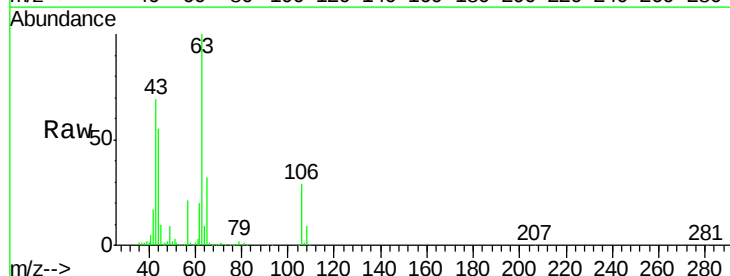
Acq: 28 Jun 2018 00:00

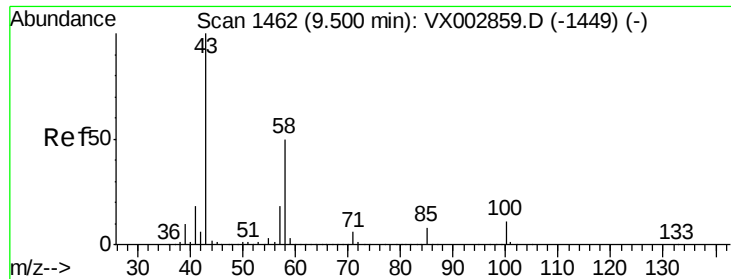
Tgt Ion: 63 Resp: 221864

Ion Ratio Lower Upper

63 100

106 28.2 21.8 32.8

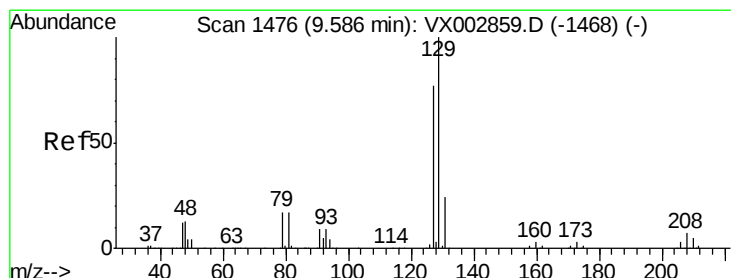
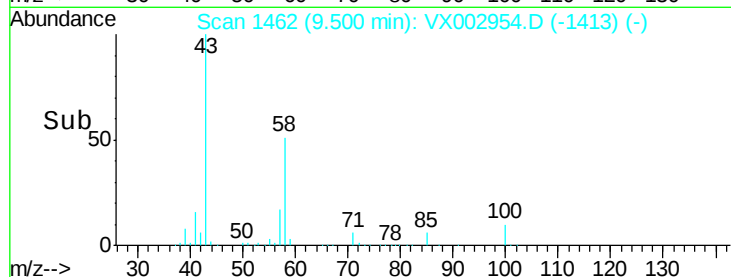
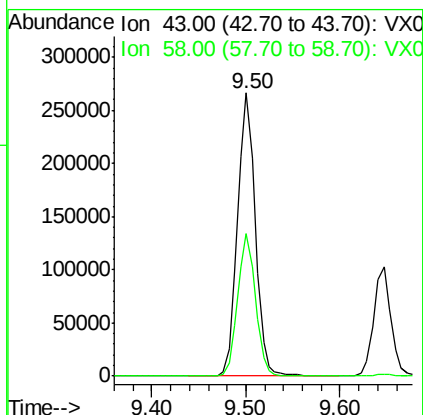
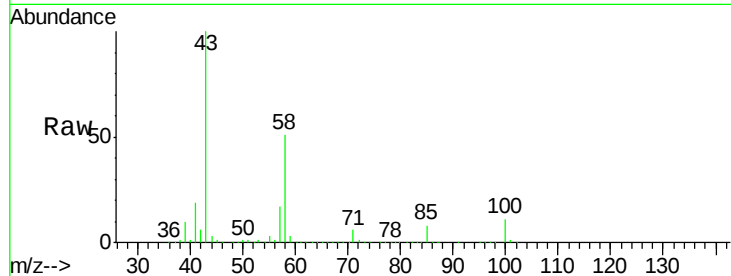




#59
2-Hexanone
Concen: 101.21 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

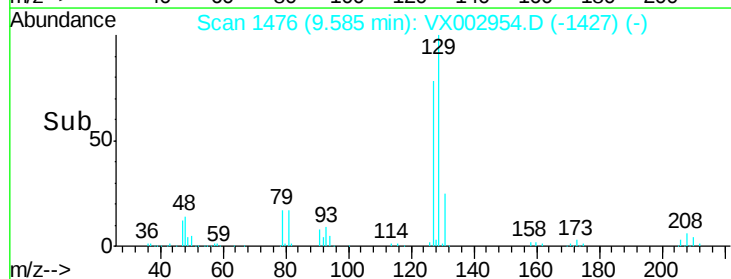
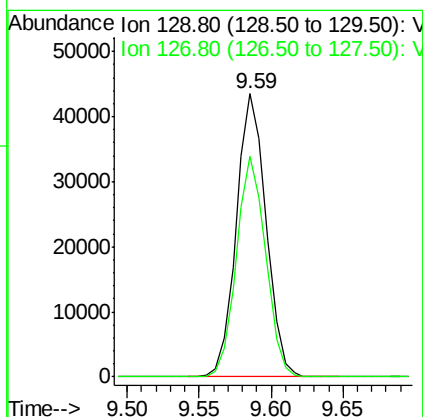
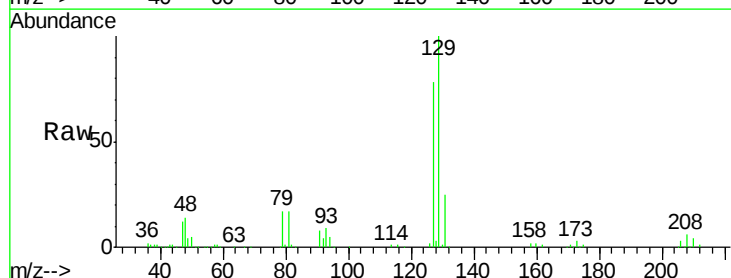
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

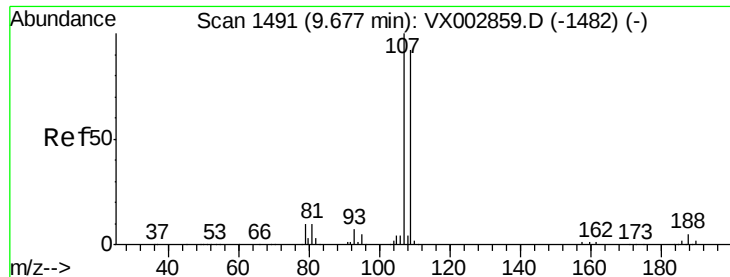
Tot Ion: 43 Resp: 350361
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6



#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

ClientSampleId :

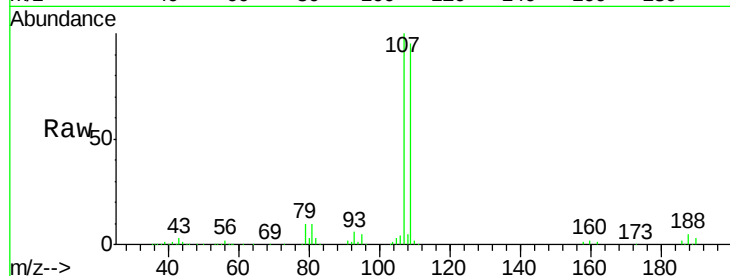
VX0627WBS02

Tot Ion:107 Resp: 64641

Ion Ratio Lower Upper

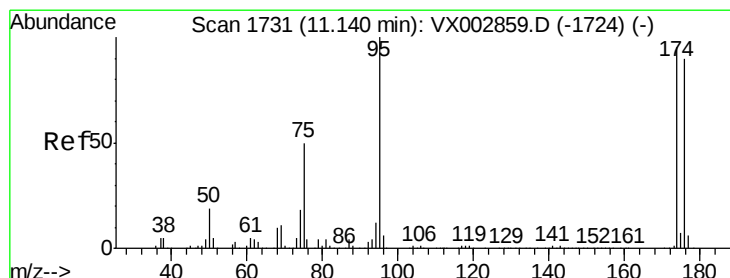
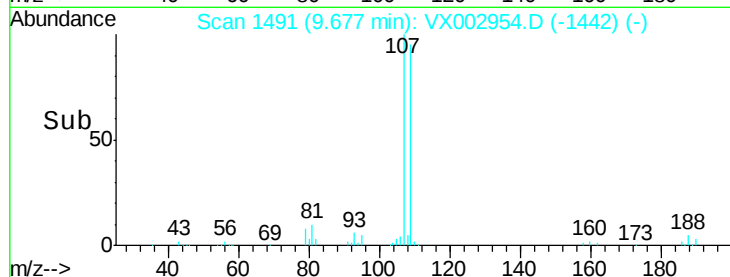
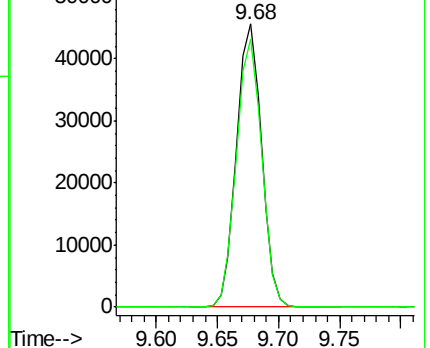
107 100

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

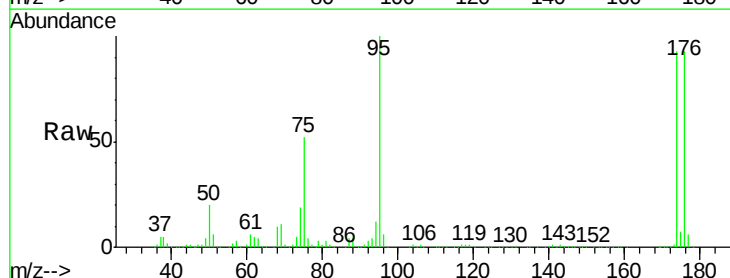
Tgt Ion: 95 Resp: 202745

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

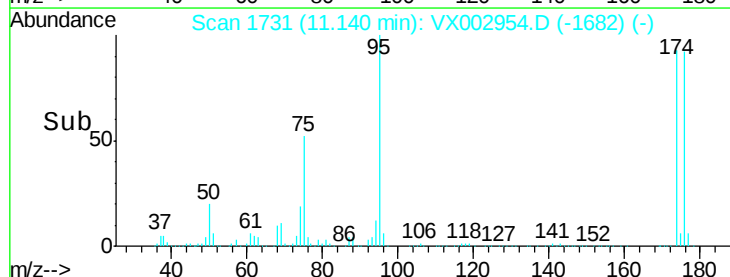
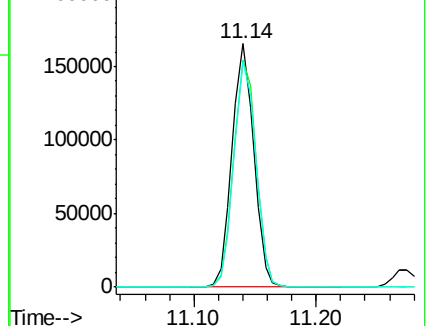
176 94.0 0.0 181.0

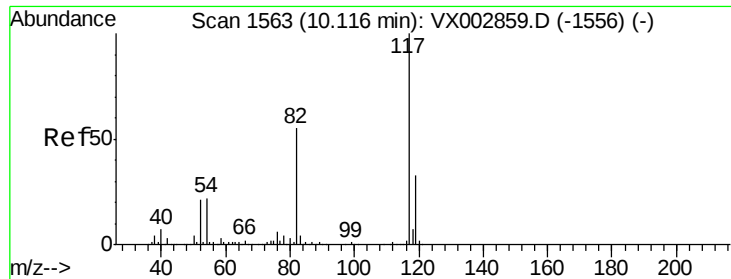


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

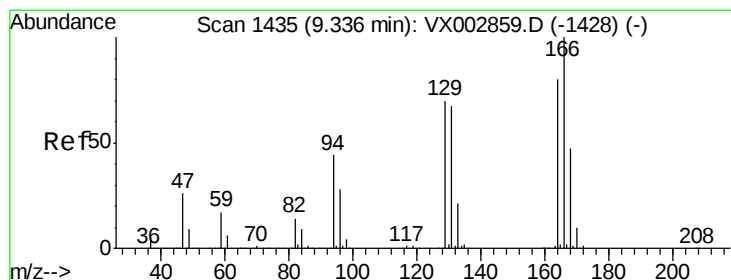
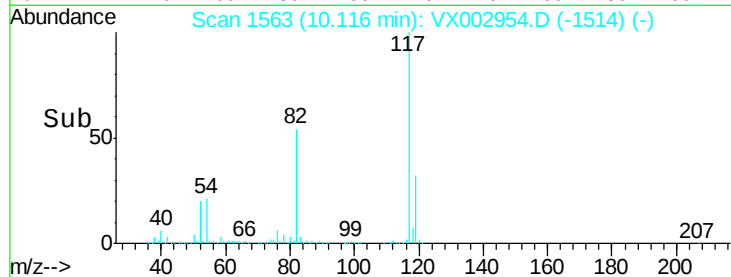
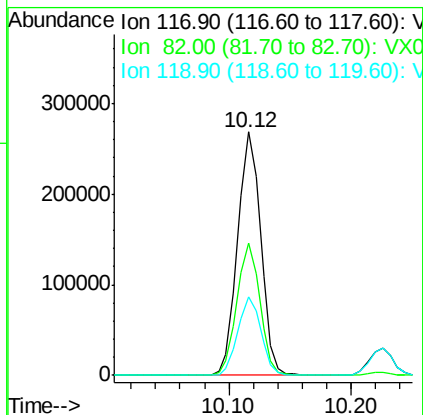
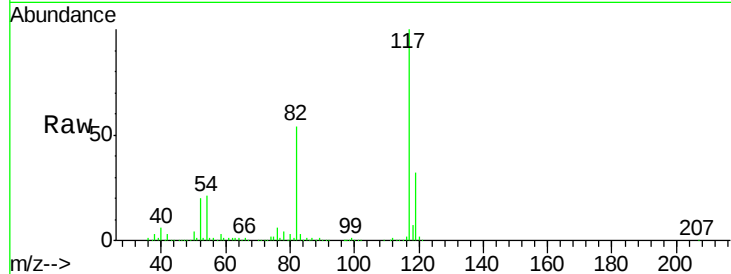




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

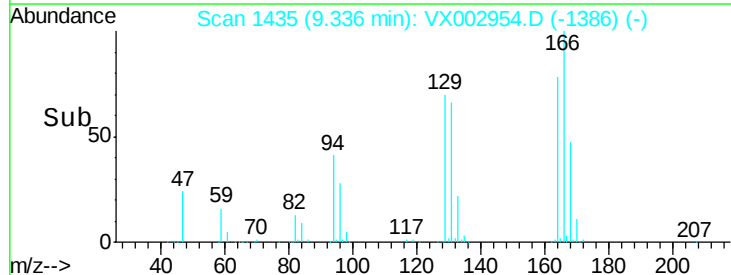
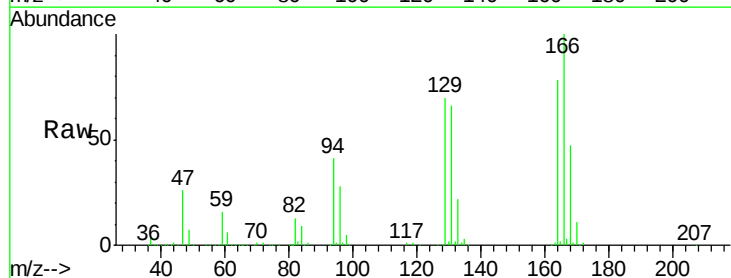
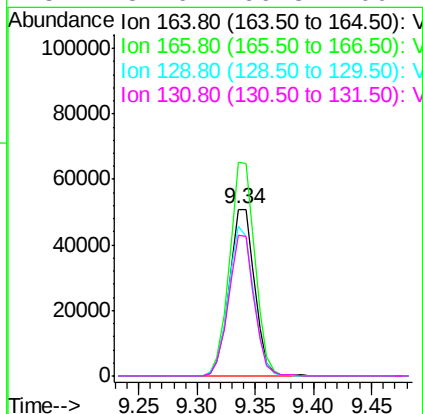
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

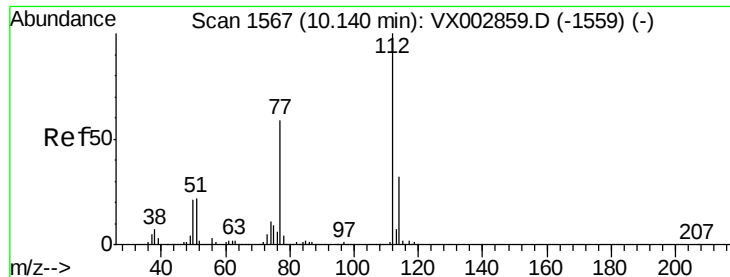
Tot Ion:117 Resp: 352023
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.0 25.8 38.6



#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





#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

ClientSampled :

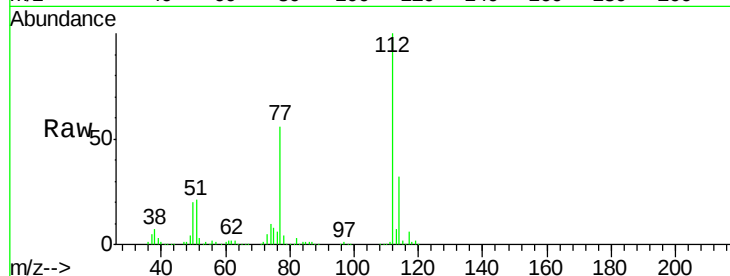
VX0627WBS02

Tot Ion:112 Resp: 177001

Ion Ratio Lower Upper

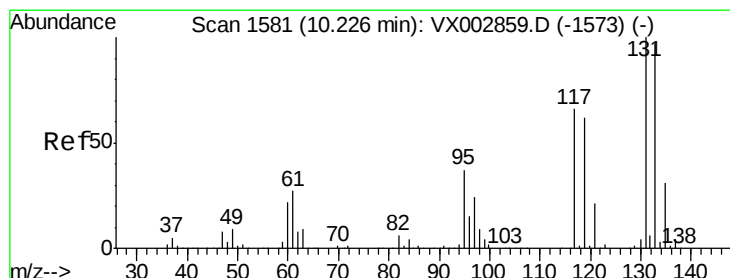
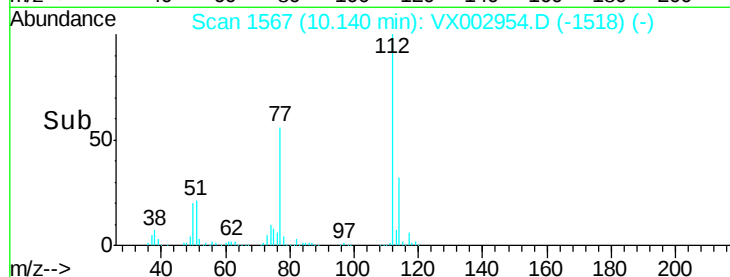
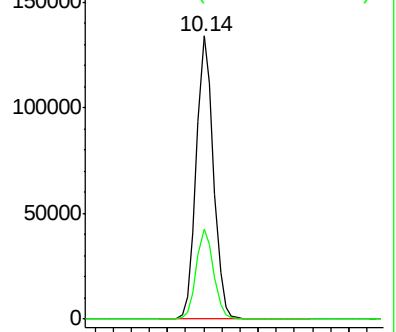
112 100

114 31.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 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

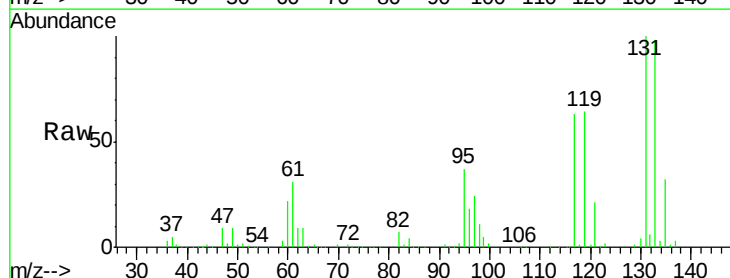
Tgt Ion:131 Resp: 63409

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.6

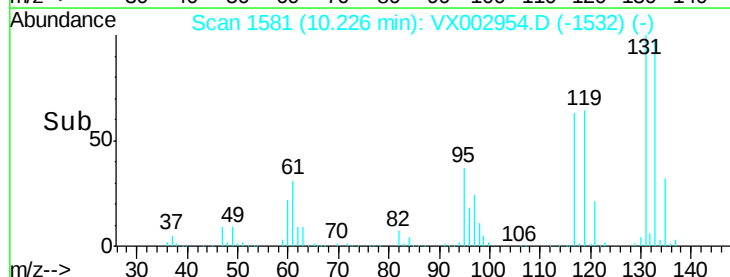
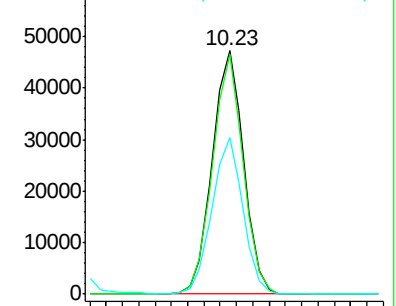
119 63.6 31.8 95.3

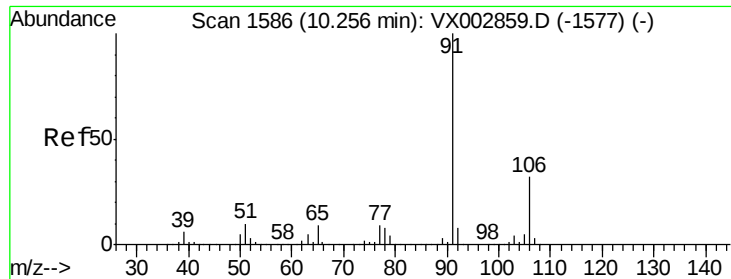


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

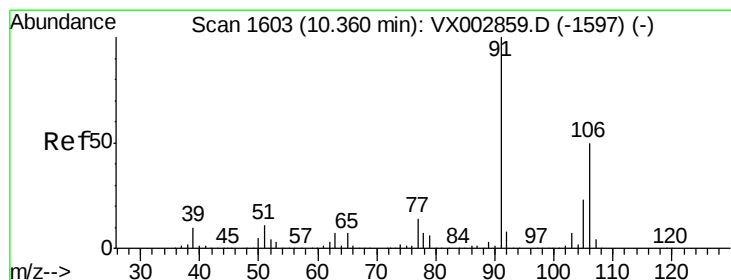
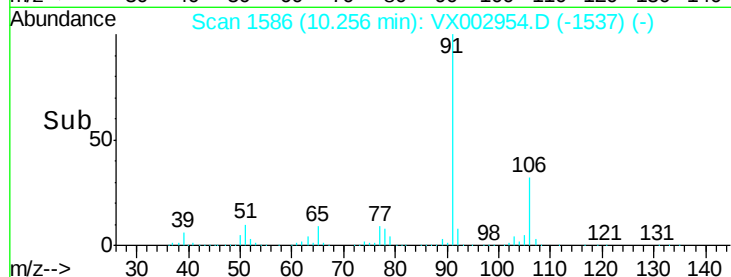
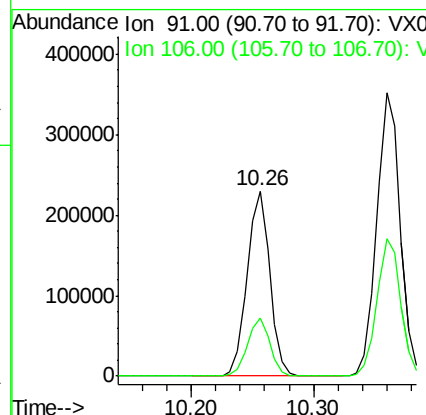
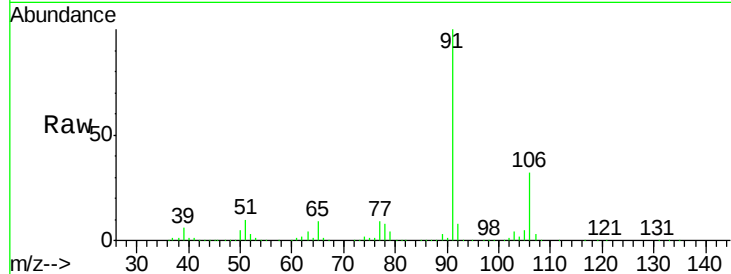




#67
Ethyl Benzene
Concen: 20.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

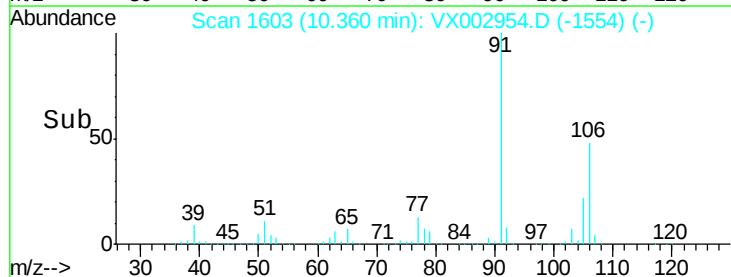
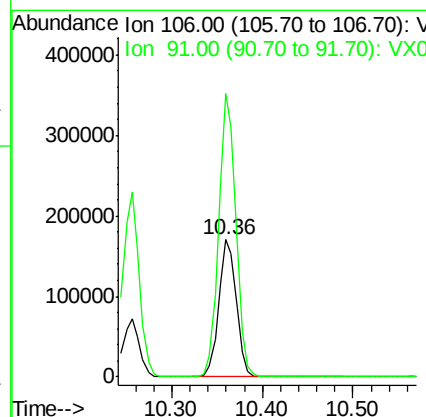
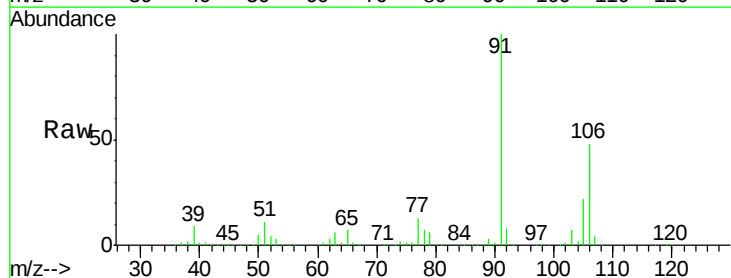
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

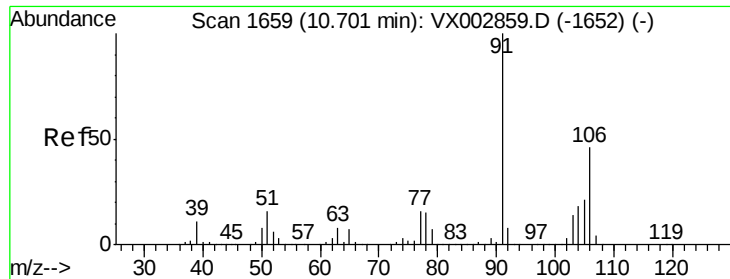
Tot Ion: 91 Resp: 295376
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#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

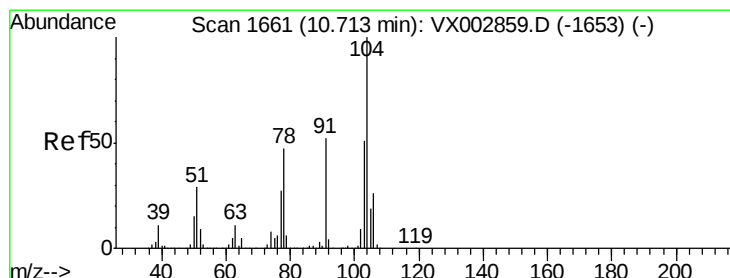
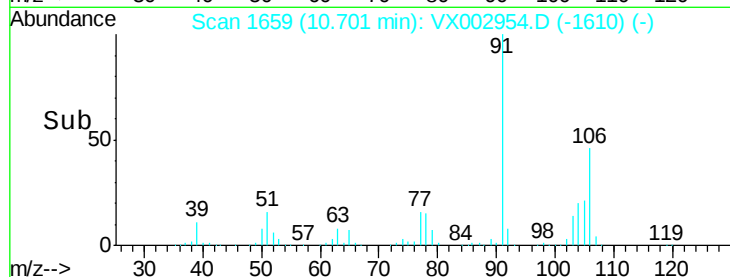
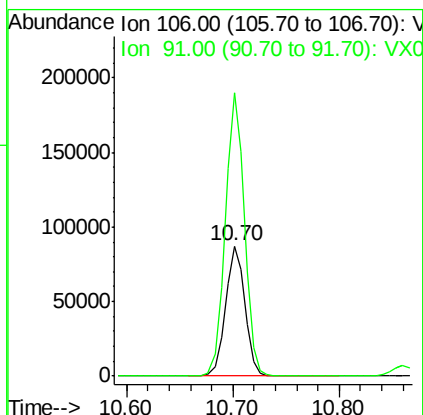
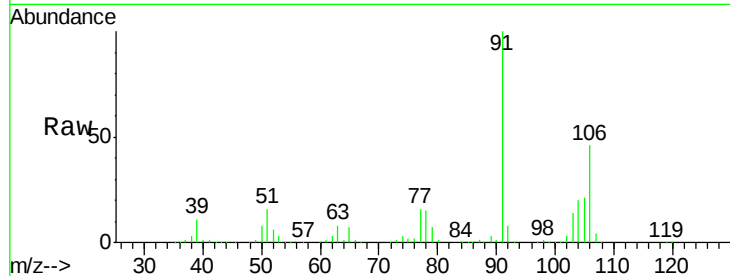




#69
o-Xylene
Concen: 19.98 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

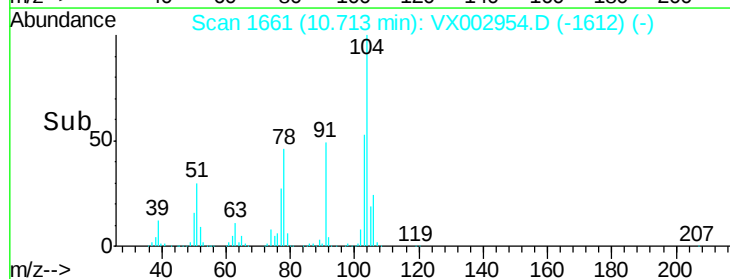
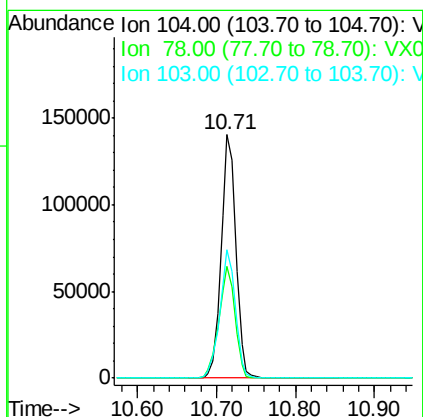
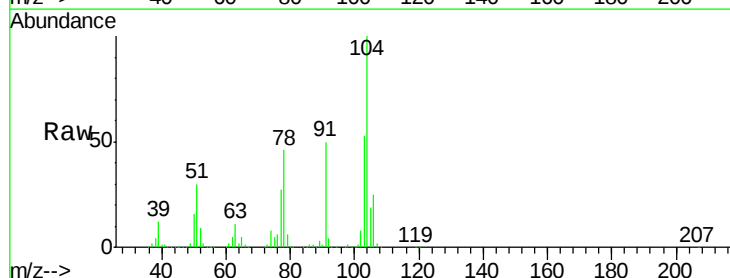
Instrument :
MSVOA_X
ClientSampled :
VX0627WBS02

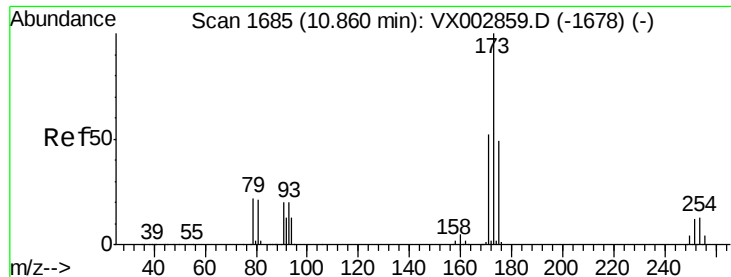
Tot Ion:106 Resp: 110773
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6



#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

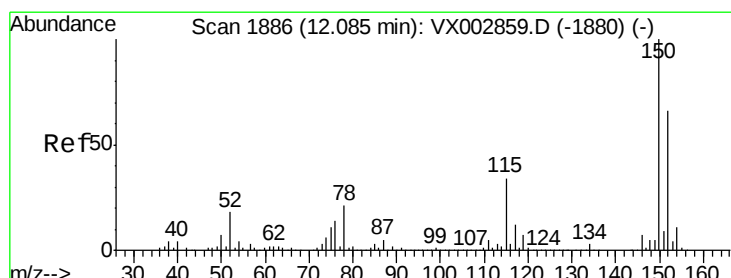
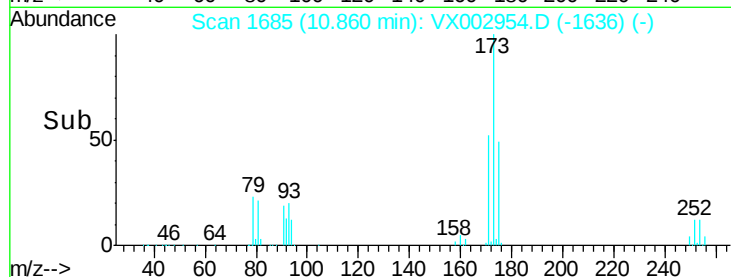
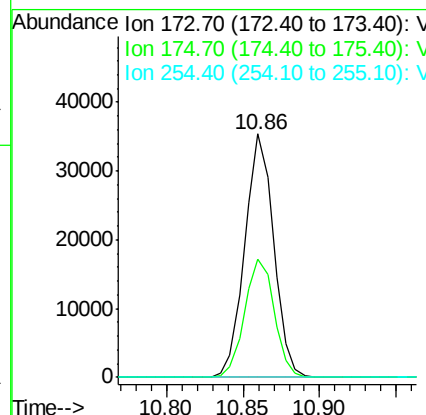
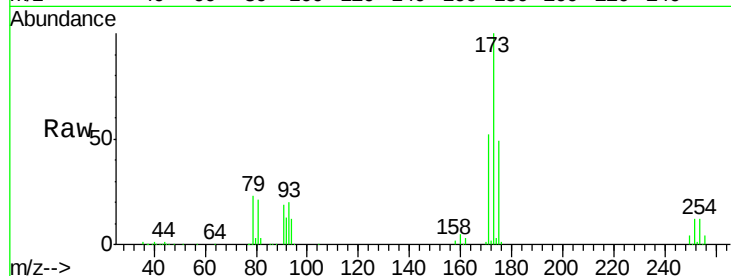




#71
Bromoform
Concen: 18.48 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

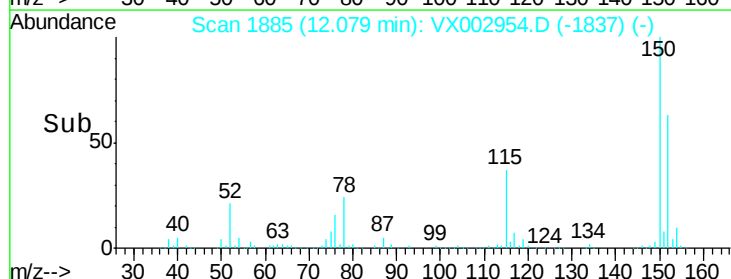
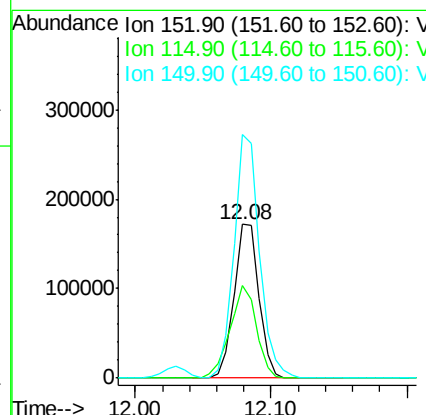
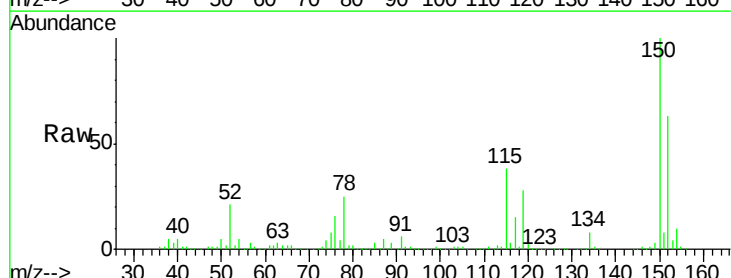
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

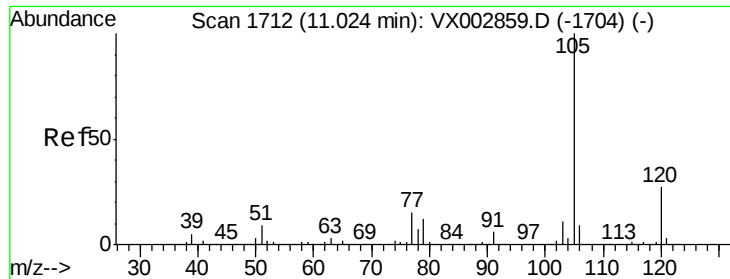
Tot Ion:173 Resp: 46391
Ion Ratio Lower Upper
173 100
175 49.7 24.7 74.1
254 0.2 0.2 0.2



#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 :

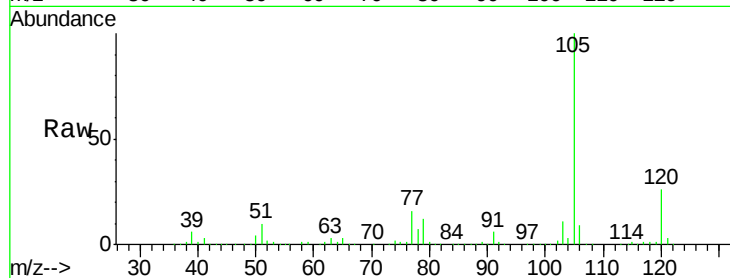
VX0627WBS02

Tot Ion:105 Resp: 304658

Ion Ratio Lower Upper

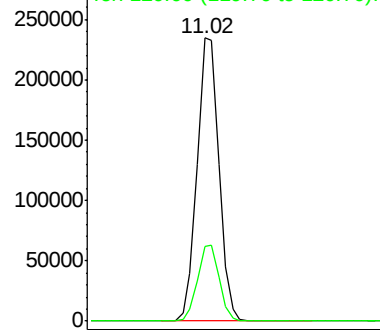
105 100

120 26.6 13.5 40.4

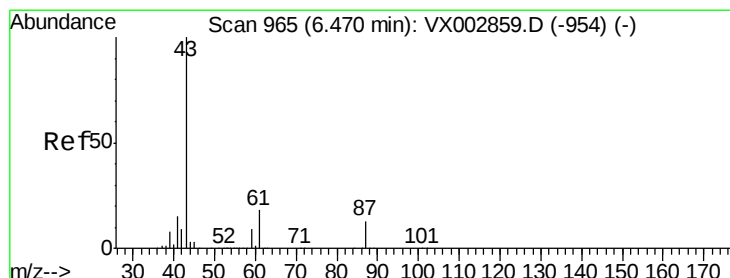
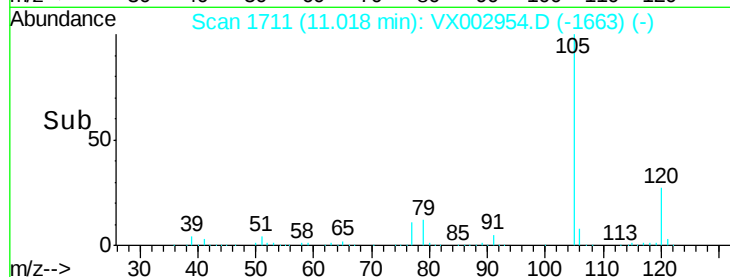


Abundance Ion 105.00 (104.70 to 105.70): V

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

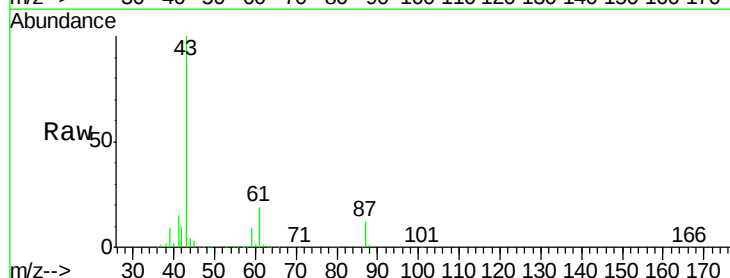
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

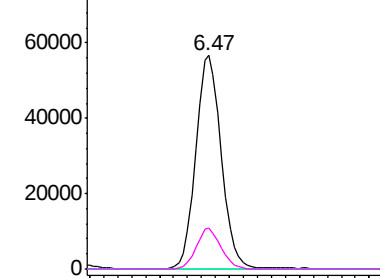


Abundance Ion 43.00 (42.70 to 43.70): VX0

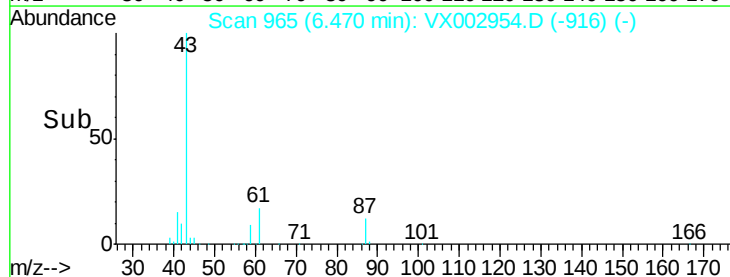
Ion 70.00 (69.70 to 70.70): VX0

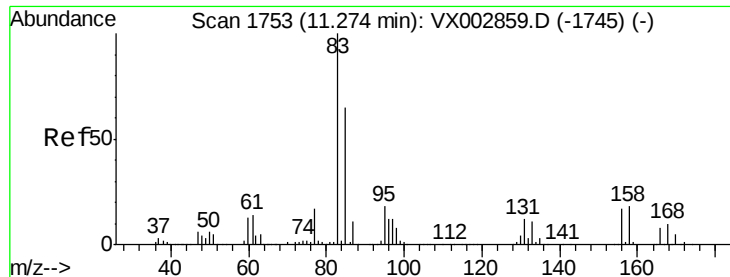
Ion 55.00 (54.70 to 55.70): VX0

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 :

VX0627WBS02

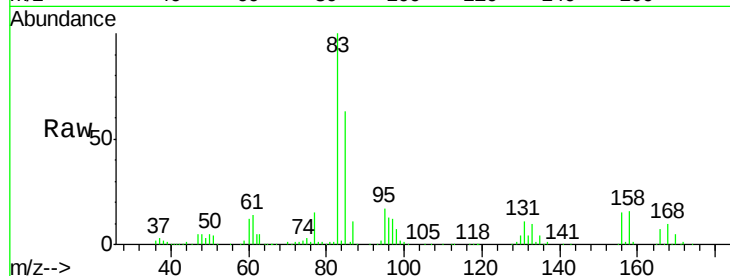
Tot Ion: 83 Resp: 91669

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

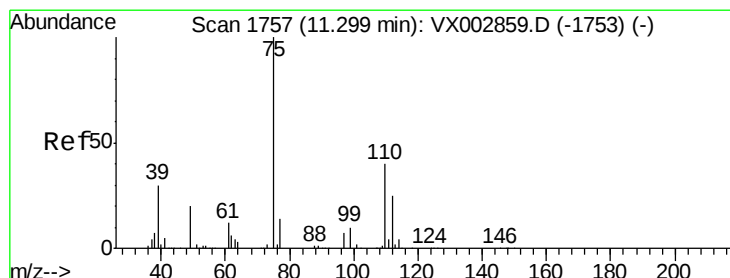
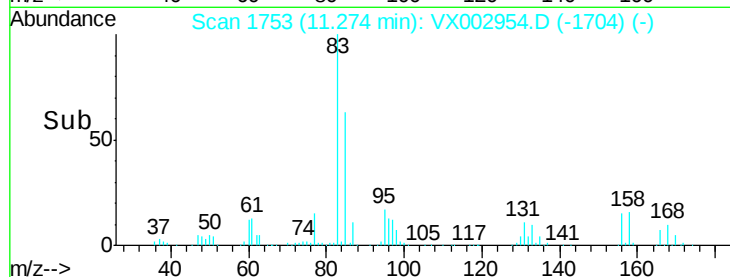
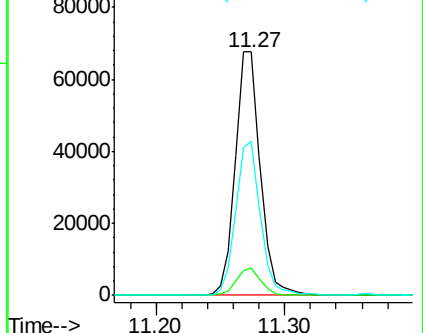
85 62.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.00 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002954.D

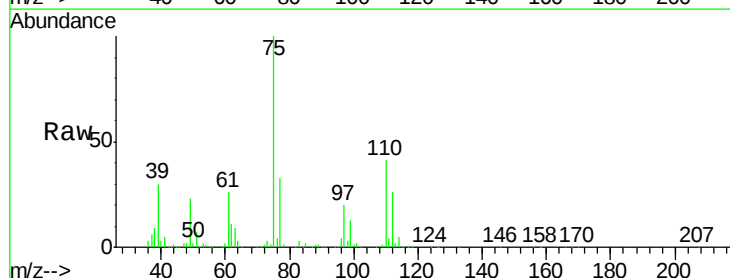
Acq: 28 Jun 2018 00:00

Tgt Ion: 75 Resp: 98566

Ion Ratio Lower Upper

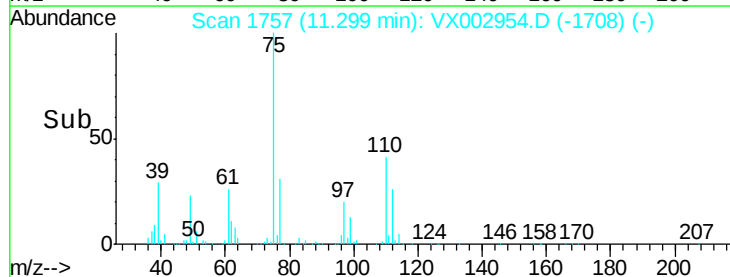
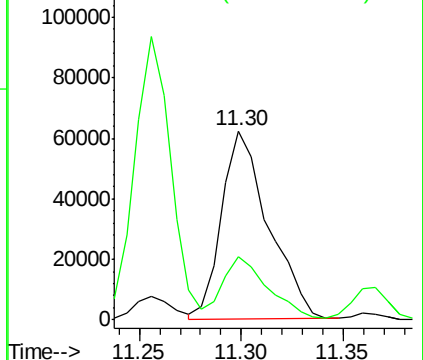
75 100

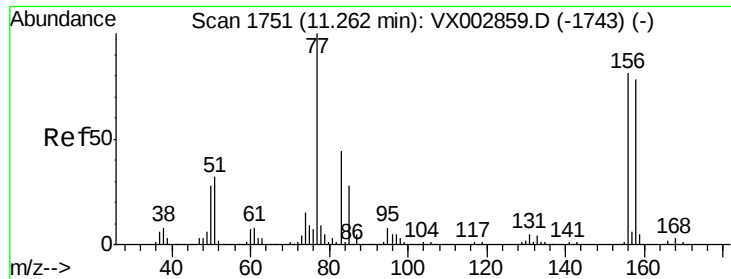
77 32.8 22.8 68.3



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

ClientSampleId :

VX0627WBS02

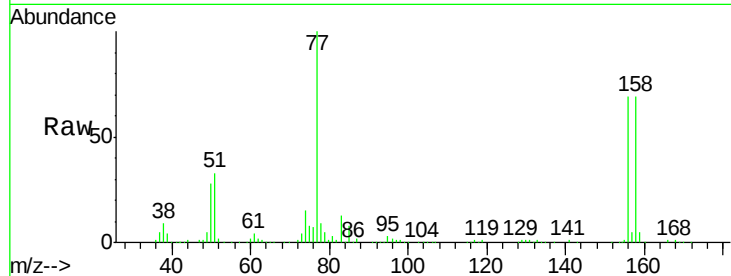
Tot Ion:156 Resp: 84097

Ion Ratio Lower Upper

156 100

77 137.7 71.4 214.2

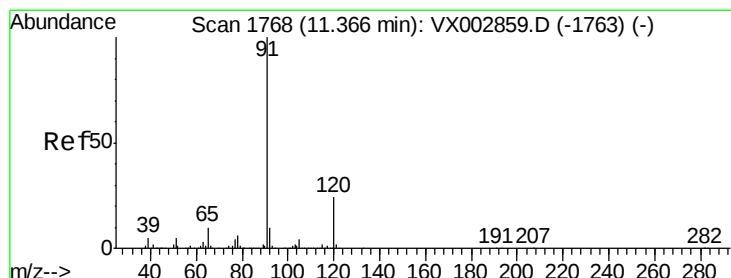
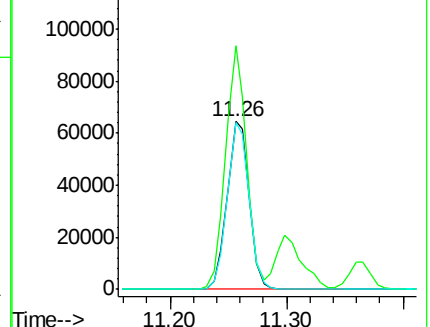
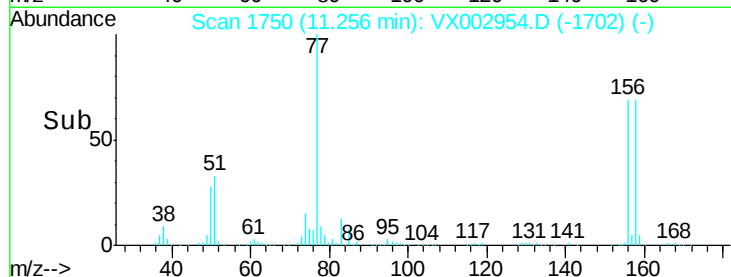
158 98.3 48.9 146.6



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

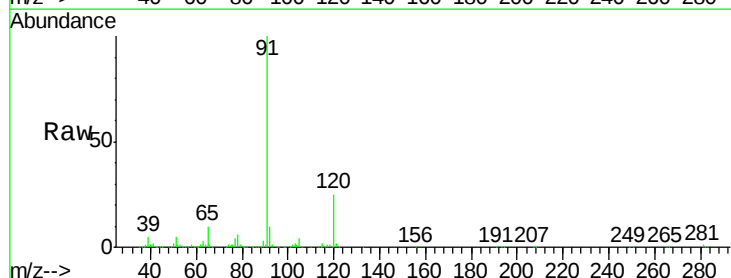
Acq: 28 Jun 2018 00:00

Tgt Ion: 91 Resp: 341633

Ion Ratio Lower Upper

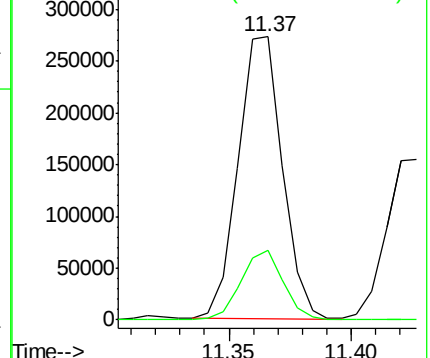
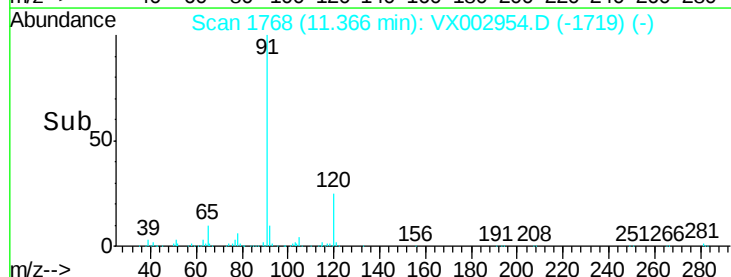
91 100

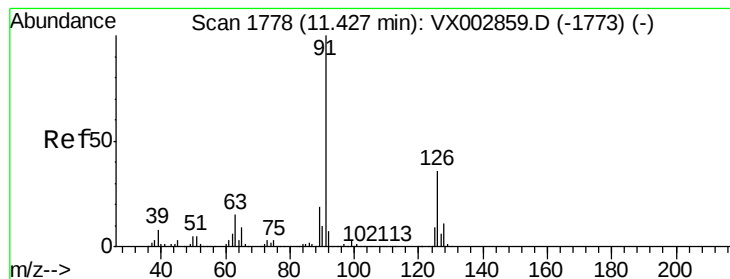
120 23.7 11.8 35.4



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

ClientSampleId :

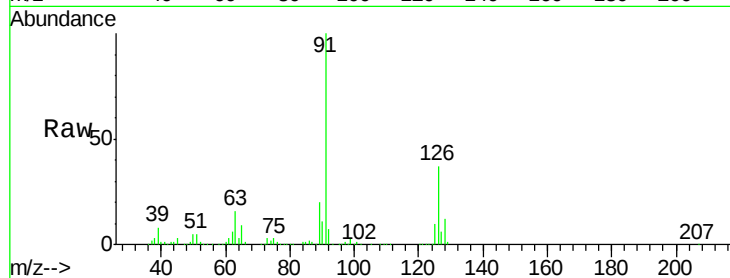
VX0627WBS02

Tot Ion: 91 Resp: 203562

Ion Ratio Lower Upper

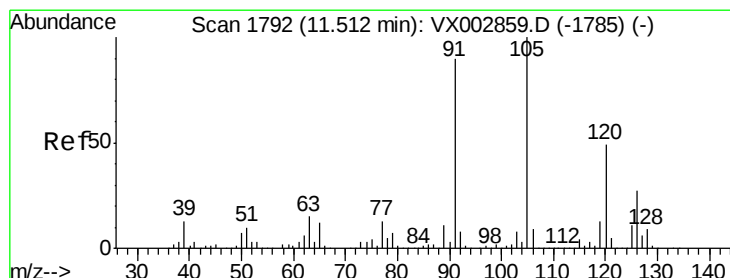
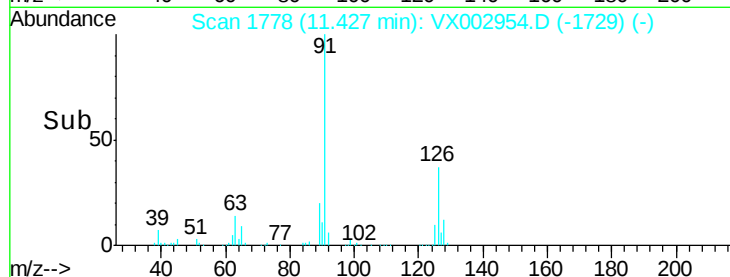
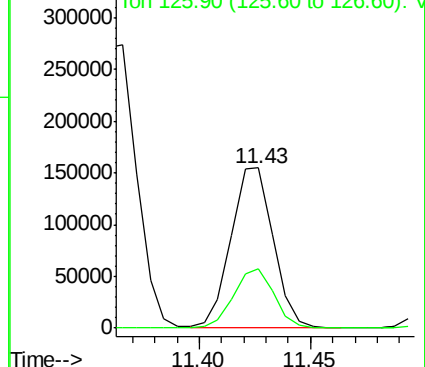
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002954.D

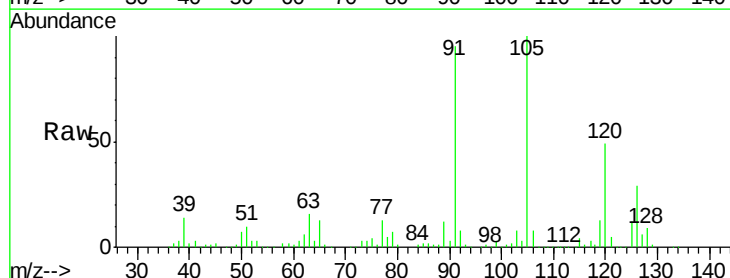
Acq: 28 Jun 2018 00:00

Tgt Ion:105 Resp: 251698

Ion Ratio Lower Upper

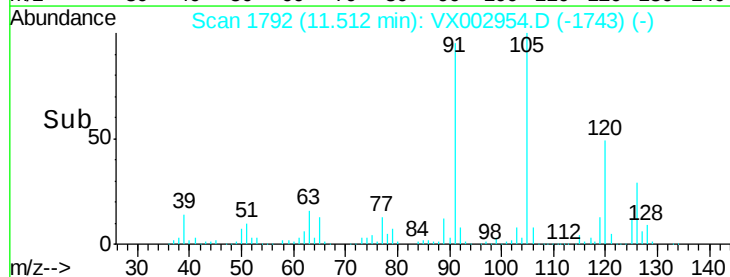
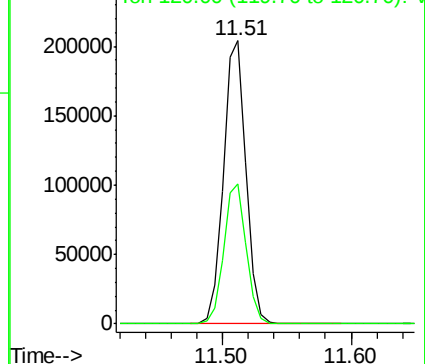
105 100

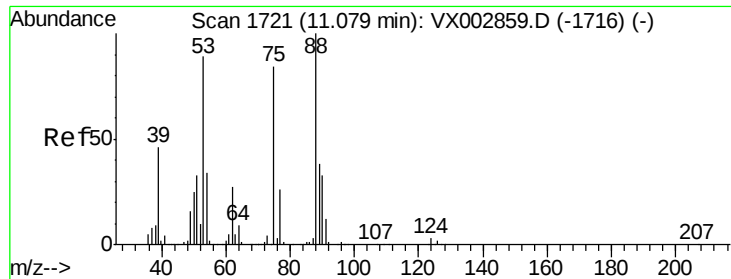
120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 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

ClientSampleId :

VX0627WBS02

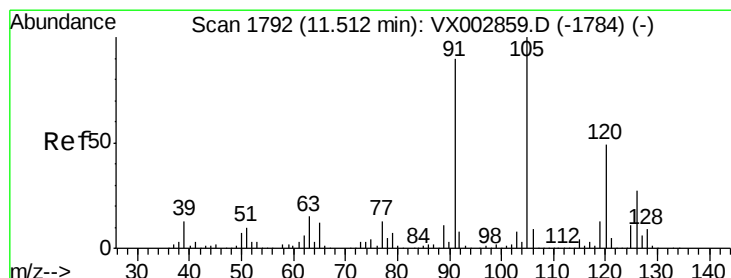
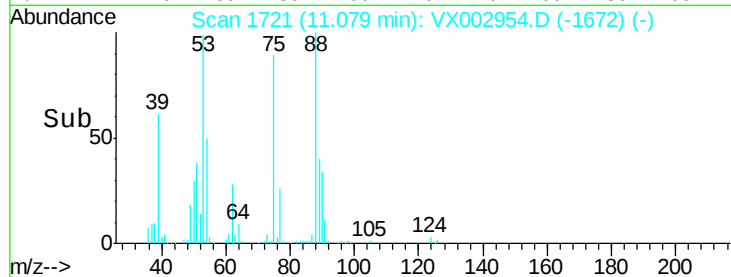
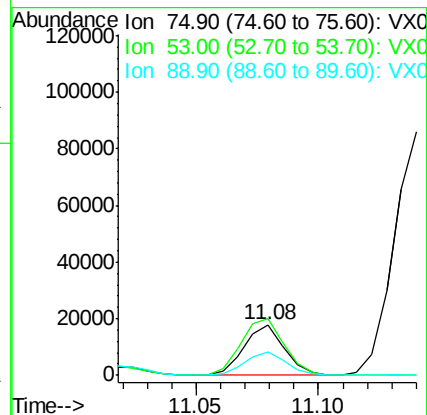
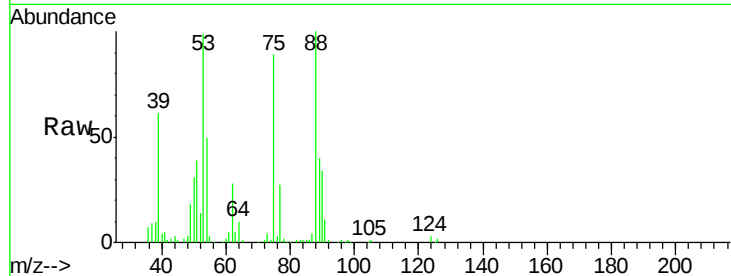
Tot Ion: 75 Resp: 20355

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

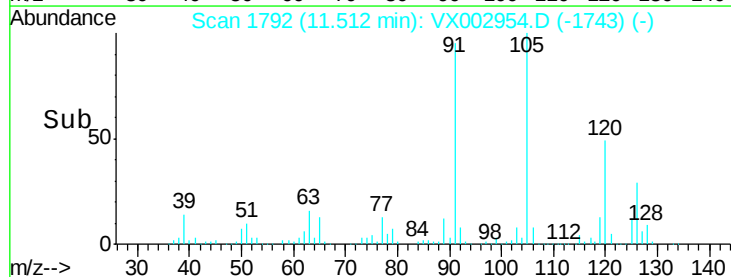
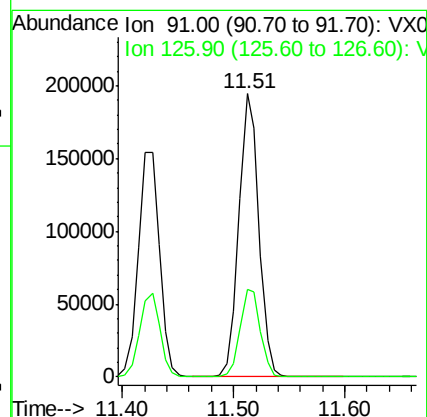
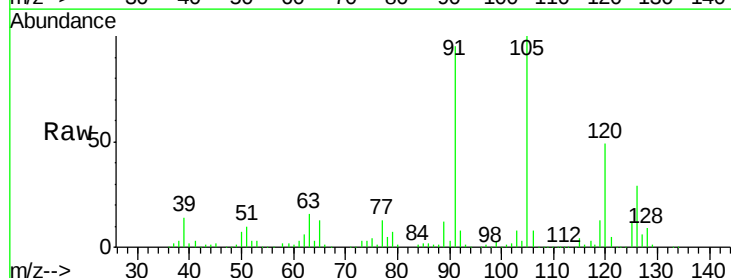
Acq: 28 Jun 2018 00:00

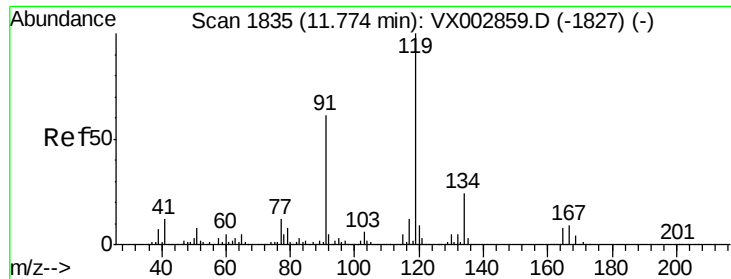
Tgt Ion: 91 Resp: 241222

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4

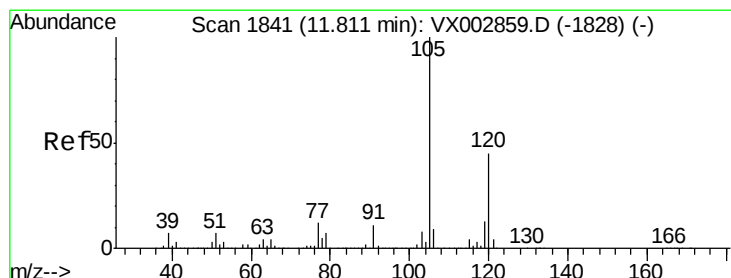
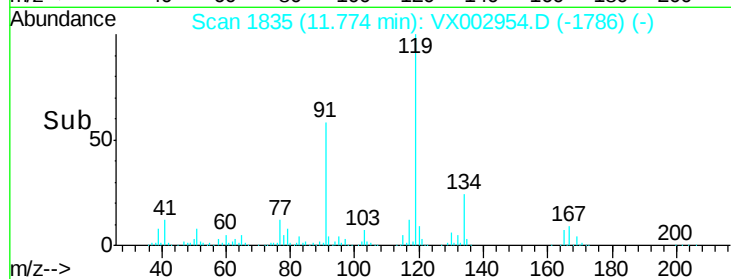
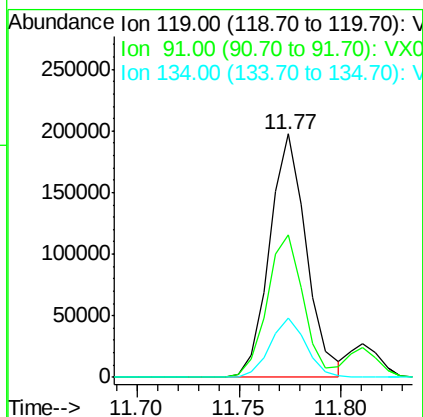
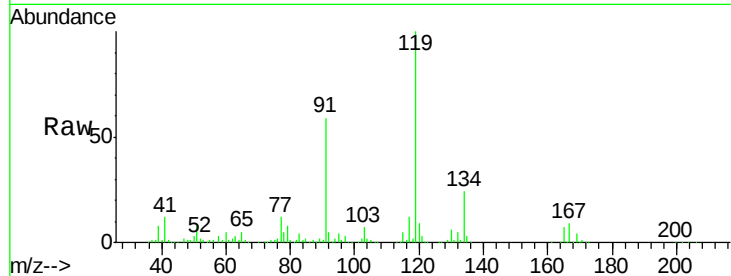




#83
tert-Butylbenzene
Concen: 20.41 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

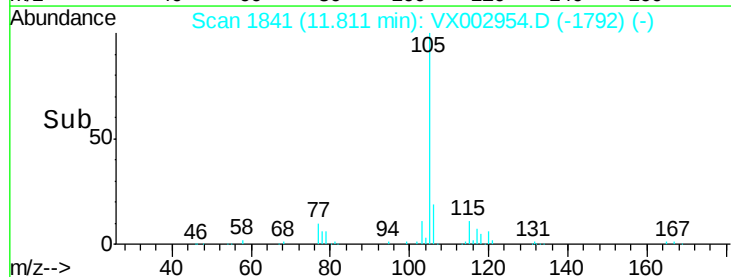
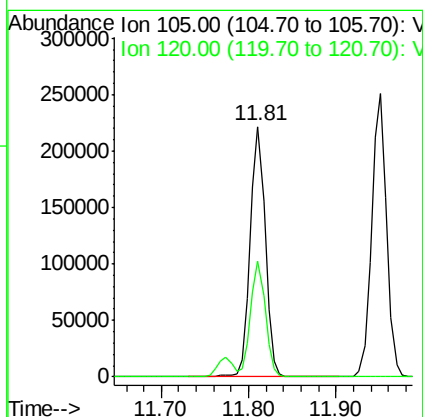
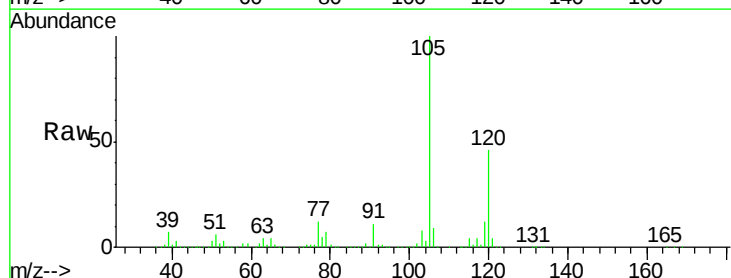
Instrument :
MSVOA_X
ClientSampled :
VX0627WBS02

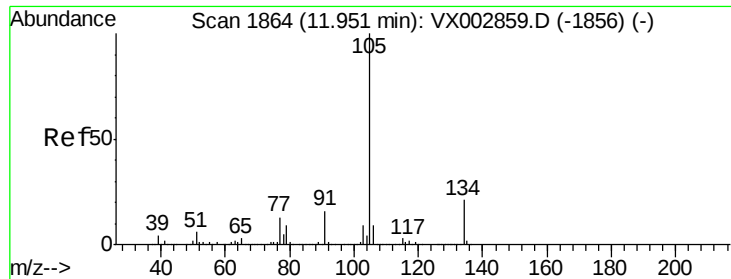
Tot Ion:119 Resp: 248084
Ion Ratio Lower Upper
119 100
91 57.5 30.3 90.9
134 23.8 11.7 35.1



#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

ClientSampled :

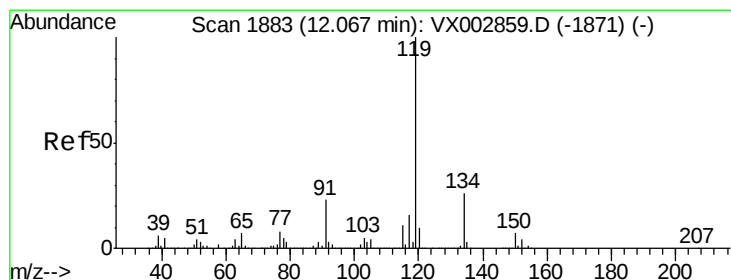
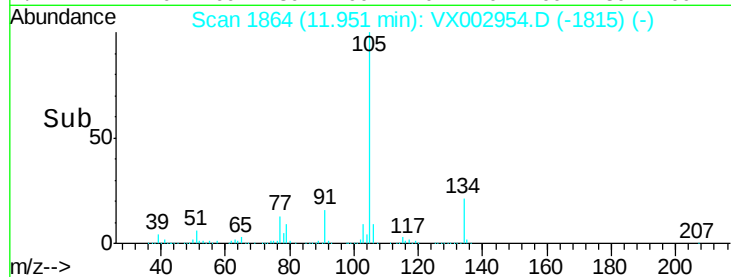
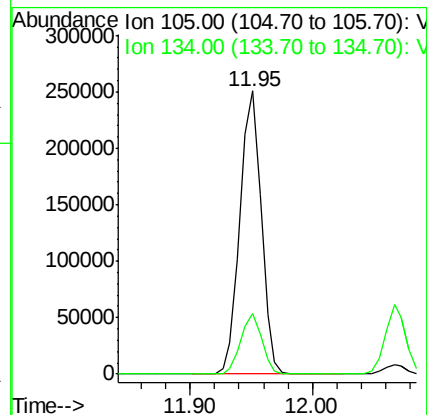
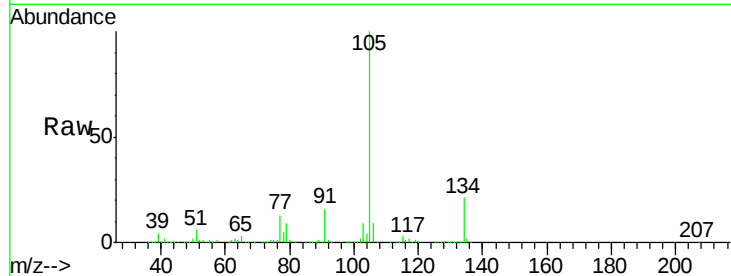
VX0627WBS02

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

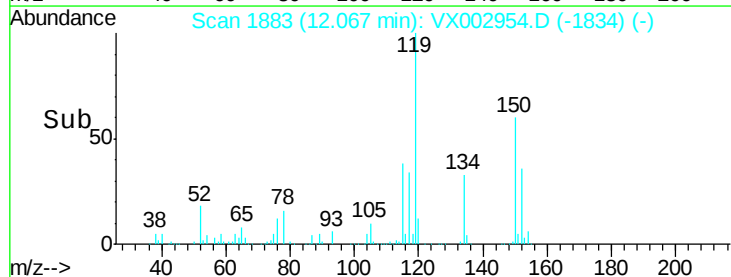
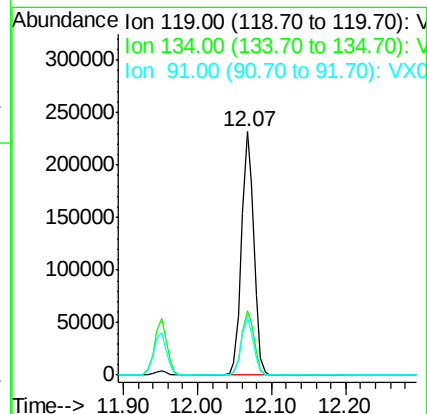
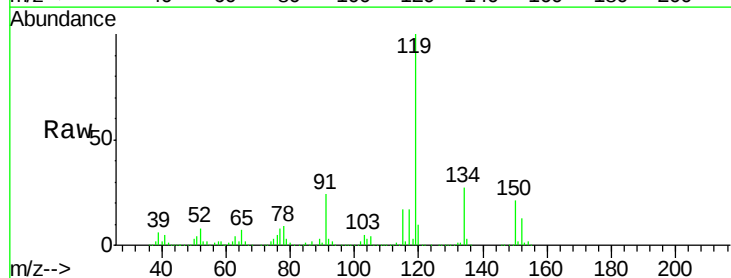
Tgt Ion:119 Resp: 269380

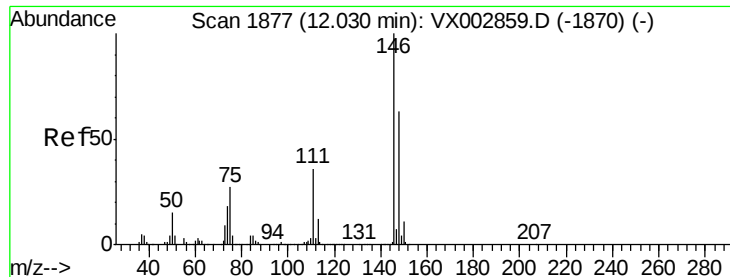
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.9 11.9 35.7

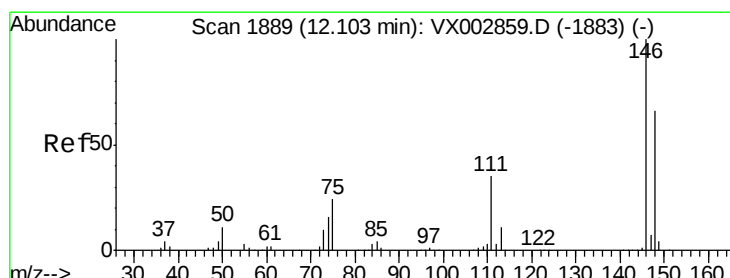
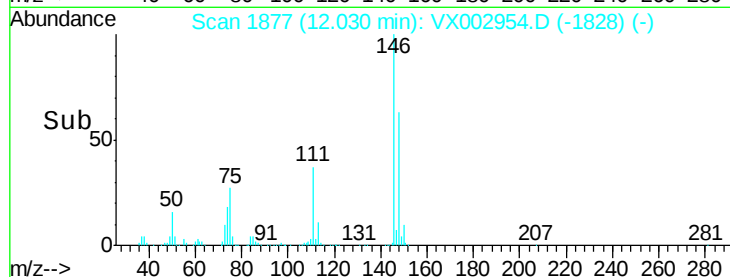
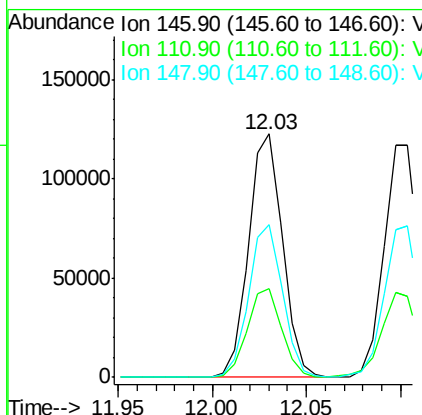
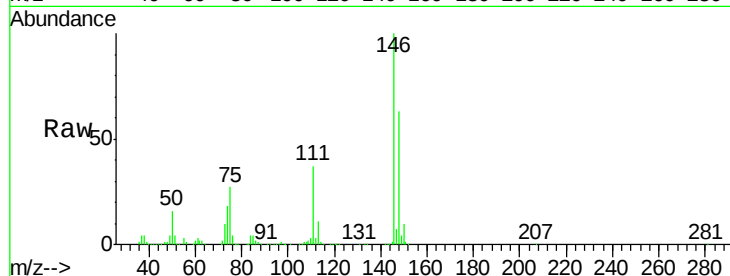




#87
 1,3-Dichlorobenzene
 Concen: 20.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002954.D
 Acq: 28 Jun 2018 00:00

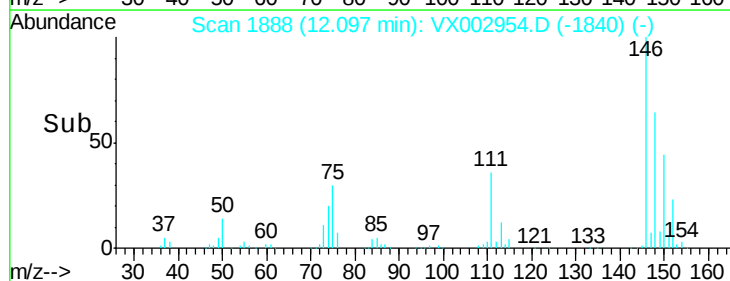
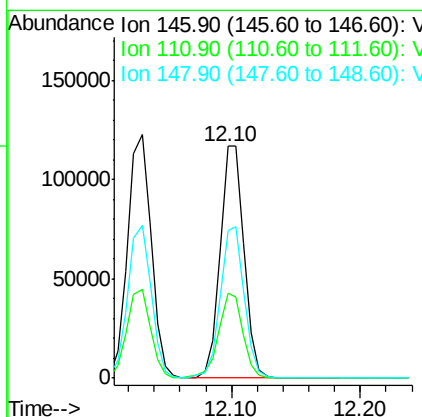
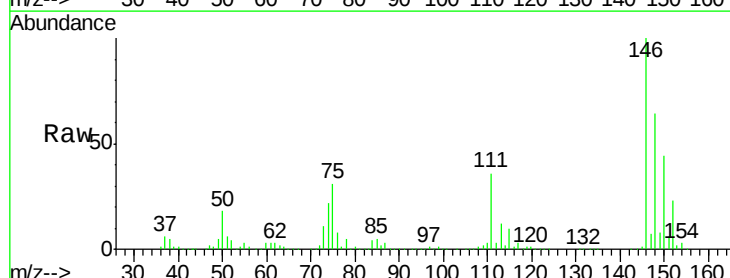
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

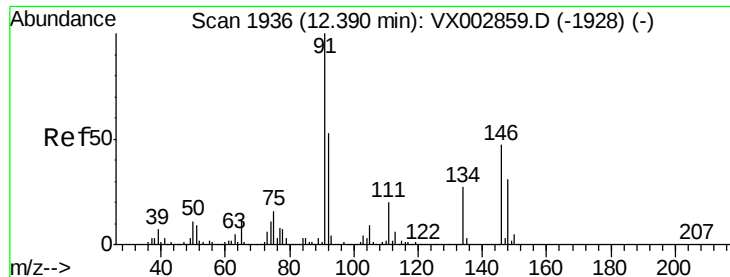
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	62.5	32.1	96.3



#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	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	65.3	32.4	97.0

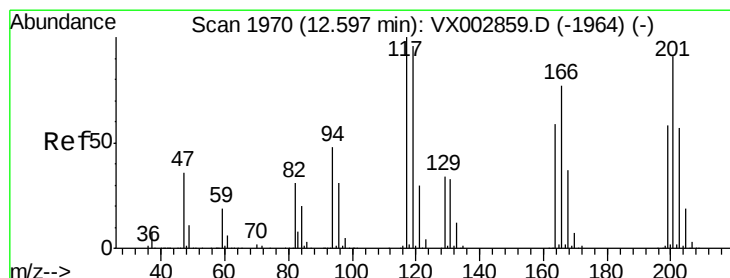
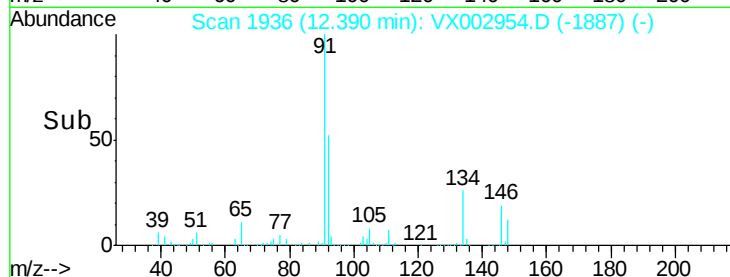
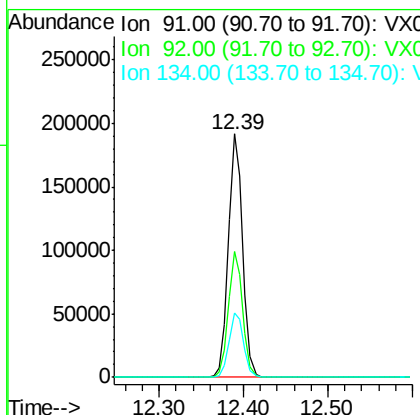
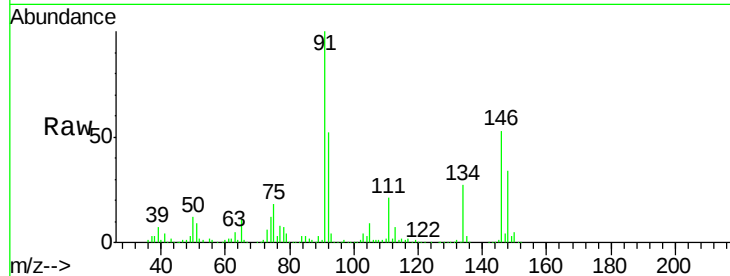




#89
n-Butylbenzene
Concen: 19.39 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002954.D
Acq: 28 Jun 2018 00:00

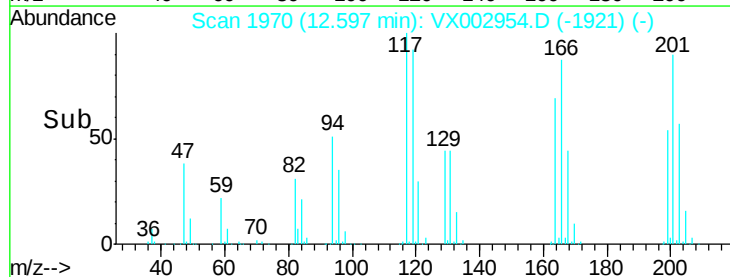
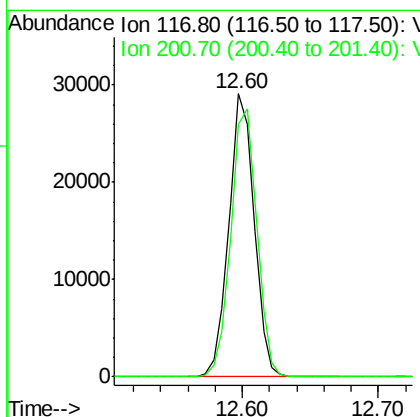
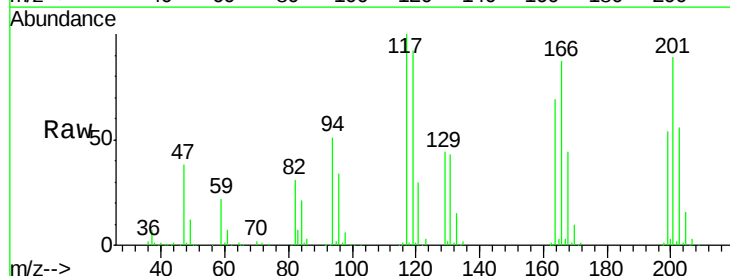
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

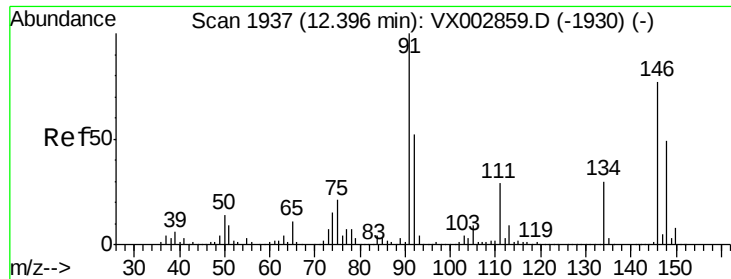
Tot Ion: 91 Resp: 223644
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 27.1 13.5 40.5



#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 :

VX0627WBS02

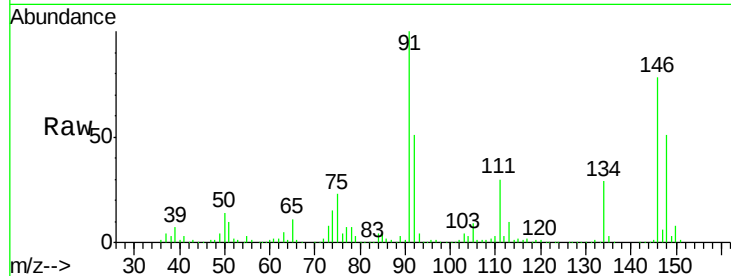
Tot Ion:146 Resp: 150852

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

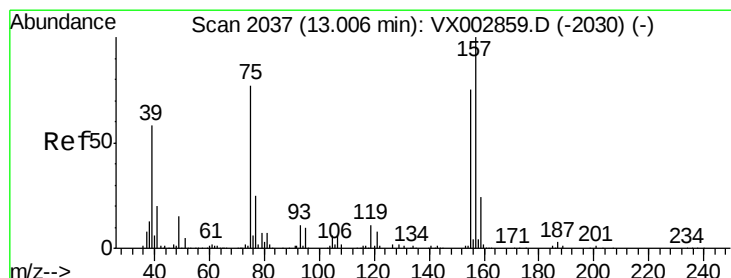
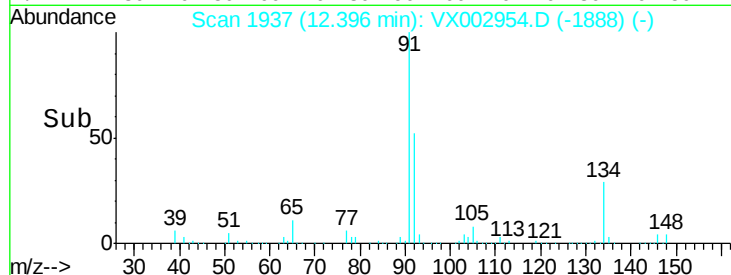
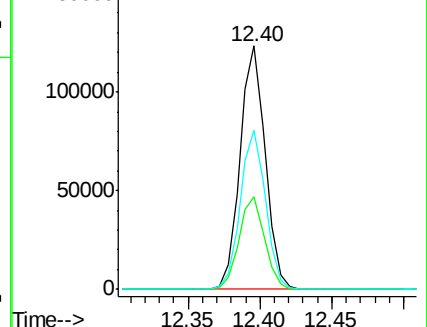
148 65.3 31.7 95.1



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

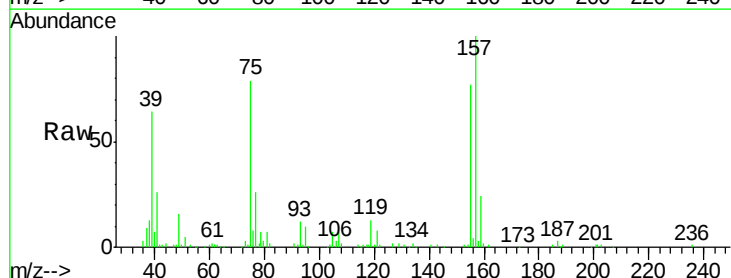
Tgt Ion: 75 Resp: 19658

Ion Ratio Lower Upper

75 100

155 92.8 45.8 137.4

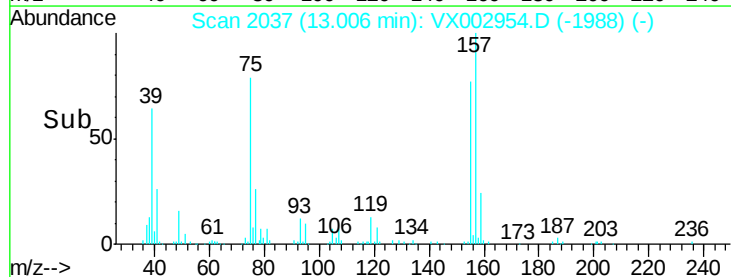
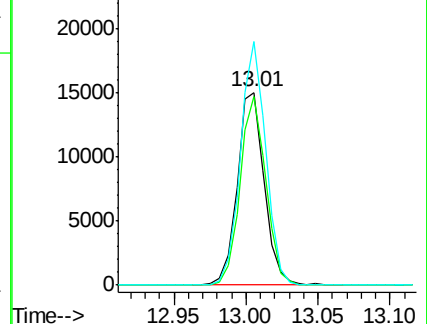
157 117.7 60.1 180.3

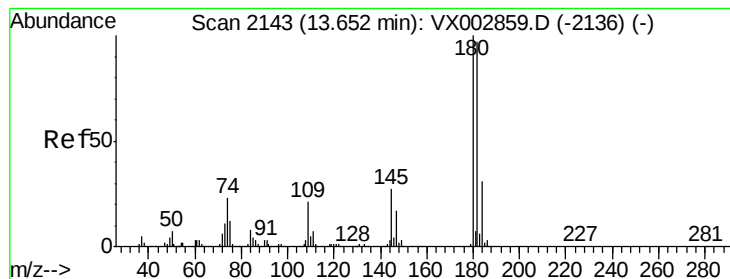


Abundance Ion 74.90 (74.60 to 75.60): VX0

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 :

VX0627WBS02

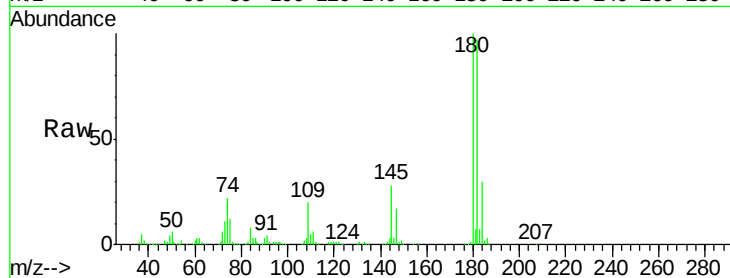
Tot Ion:180 Resp: 107812

Ion Ratio Lower Upper

180 100

182 96.7 47.7 143.1

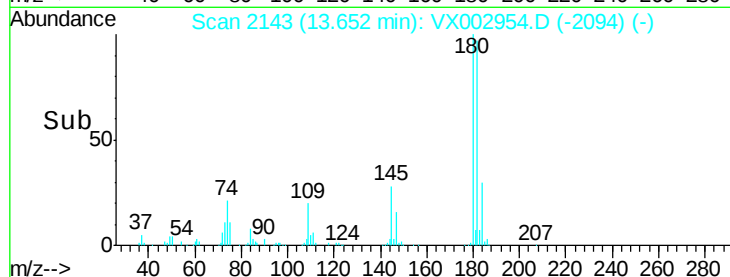
145 28.5 14.1 42.4



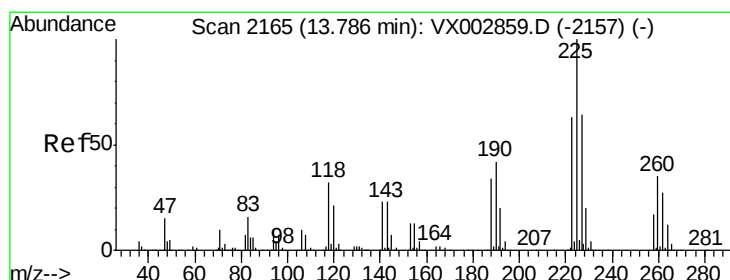
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#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

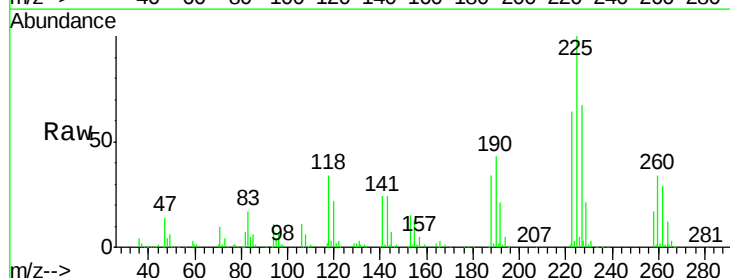
Tgt Ion:225 Resp: 53071

Ion Ratio Lower Upper

225 100

223 63.8 31.6 95.0

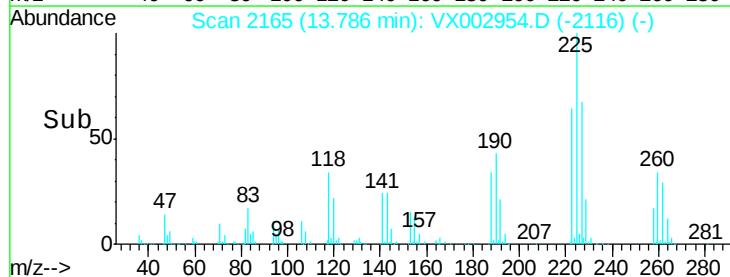
227 66.0 32.4 97.2



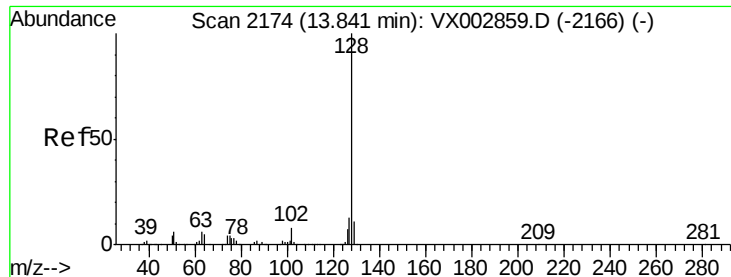
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



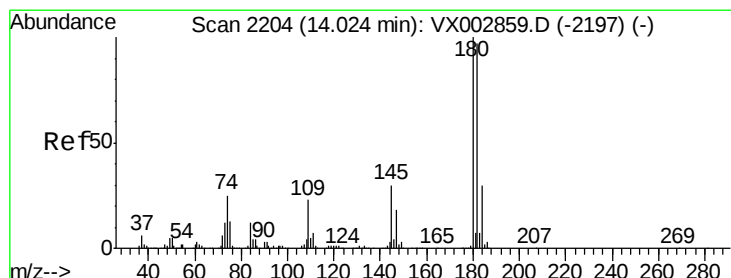
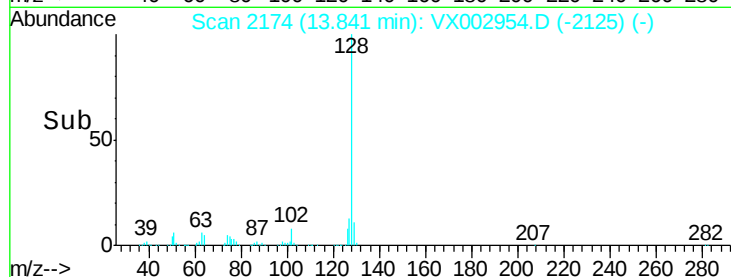
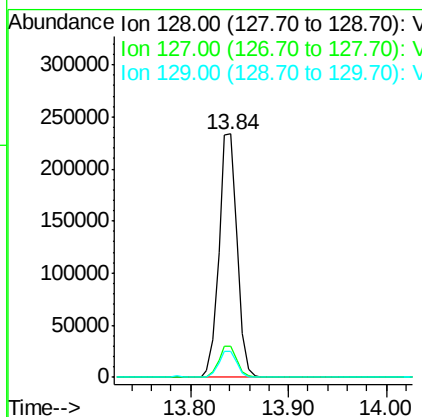
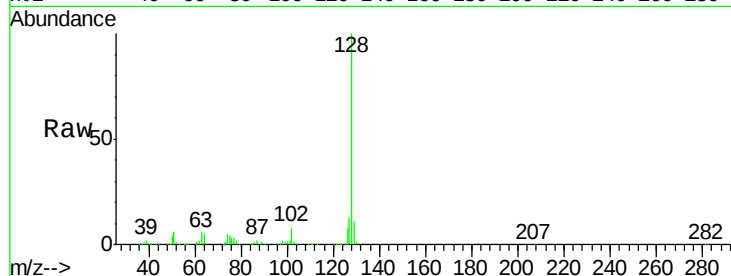
Time-->



#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 :
VX0627WBS02

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



#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

