

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003689.D
 Acq On : 27 Jul 2018 00:40
 Operator : JC/SP
 Sample : VX0726WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Quant Time: Jul 27 06:41:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	95288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	158076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94558	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76124	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	5.51	113	62218	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.72	98	253470	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	91057	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	22280	20.53	ug/l	99
3) Chloromethane	1.32	50	29838	20.87	ug/l	100
4) Vinyl Chloride	1.40	62	31747	21.71	ug/l	96
5) Bromomethane	1.64	94	17804	25.22	ug/l	92
6) Chloroethane	1.72	64	22926	22.29	ug/l	98
7) Trichlorofluoromethane	1.93	101	42047	22.34	ug/l	99
8) Diethyl Ether	2.19	74	18533	22.47	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25951	22.40	ug/l	100
10) Methyl Iodide	2.51	142	33802	23.45	ug/l	98
11) Tert butyl alcohol	3.08	59	37534	111.24	ug/l	99
12) 1,1-Dichloroethene	2.37	96	24187	21.95	ug/l	95
13) Acrolein	2.29	56	19800	118.22	ug/l	98
14) Allyl chloride	2.73	41	48714	21.20	ug/l	98
15) Acrylonitrile	3.15	53	92609	113.60	ug/l	98
16) Acetone	2.45	43	73254	110.47	ug/l	100
17) Carbon Disulfide	2.57	76	67332	21.24	ug/l	99
18) Methyl Acetate	2.78	43	47683	23.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	86617	22.25	ug/l	97
20) Methylene Chloride	2.86	84	29347	22.34	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26316	22.20	ug/l	99
22) Diisopropyl ether	3.88	45	87415	20.84	ug/l	# 91
23) Vinyl Acetate	3.83	43	376697	104.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	53178	22.49	ug/l	98
25) 2-Butanone	4.71	43	102493	100.05	ug/l	97
26) 2,2-Dichloropropane	4.59	77	21167	14.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	24484	19.03	ug/l	98
28) Bromochloromethane	5.03	49	17407	18.35	ug/l	98
29) Tetrahydrofuran	5.17	42	66813	100.19	ug/l	99
30) Chloroform	5.22	83	44994	20.98	ug/l	98
31) Cyclohexane	5.57	56	37824	19.93	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	39054	21.93	ug/l	97
36) 1,1-Dichloropropene	5.80	75	32311	17.49	ug/l	98
37) Ethyl Acetate	4.87	43	37541	16.90	ug/l	98
38) Carbon Tetrachloride	5.78	117	31662	17.78	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34810	17.12	ug/l	96
40) Benzene	6.15	78	99775	18.25	ug/l	98
41) Methacrylonitrile	5.07	41	20513	16.67	ug/l	98
42) 1,2-Dichloroethane	6.20	62	36418	18.92	ug/l	99
43) Isopropyl Acetate	6.47	43	58919	18.18	ug/l	98
44) Trichloroethene	7.21	130	26071	17.78	ug/l	97
45) 1,2-Dichloropropane	7.52	63	27119	19.19	ug/l	98
46) Dibromomethane	7.66	93	17551	19.33	ug/l	96
47) Bromodichloromethane	7.90	83	31640	18.59	ug/l	98
48) Methyl methacrylate	7.78	41	32478	19.75	ug/l	98
49) 1,4-Dioxane	7.76	88	13718	373.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	218213	99.78	ug/l	100
52) Toluene	8.79	92	70431	20.72	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	35965	19.08	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	40436	19.50	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	28913	20.81	ug/l	98
56) Ethyl methacrylate	9.18	69	41906	20.27	ug/l	99
57) 1,3-Dichloropropane	9.38	76	48764	20.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	105311	101.36	ug/l	99
59) 2-Hexanone	9.50	43	166133	99.03	ug/l	100
60) Dibromochloromethane	9.59	129	27448	20.83	ug/l	100
61) 1,2-Dibromoethane	9.68	107	29651	20.50	ug/l	99
64) Tetrachloroethene	9.34	164	28448	19.69	ug/l	98
65) Chlorobenzene	10.14	112	78740	19.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	27831	20.13	ug/l	98
67) Ethyl Benzene	10.26	91	129549	19.46	ug/l	99
68) m/p-Xylenes	10.36	106	102472	40.13	ug/l	100
69) o-Xylene	10.70	106	48112	19.57	ug/l	98
70) Styrene	10.71	104	83023	20.11	ug/l	99
71) Bromoform	10.86	173	21050	19.26	ug/l #	98
73) Isopropylbenzene	11.02	105	133379	20.65	ug/l	100
74) N-amyl acetate	6.47	43	58919	17.49	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	46368	19.44	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	50349	25.39	ug/l	82
77) Bromobenzene	11.26	156	35683	20.34	ug/l	97
78) n-propylbenzene	11.37	91	151968	20.37	ug/l	100
79) 2-Chlorotoluene	11.43	91	91707	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	113149	20.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10882	17.00	ug/l	96
82) 4-Chlorotoluene	11.51	91	108239	20.27	ug/l	100
83) tert-Butylbenzene	11.77	119	107914	20.18	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	116490	20.74	ug/l	99
85) sec-Butylbenzene	11.95	105	129522	20.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	116198	20.28	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	65504	20.04	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	66615	19.61	ug/l	98
89) n-Butylbenzene	12.39	91	96818	18.75	ug/l	100
90) Hexachloroethane	12.60	117	17696	20.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	66580	19.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9269	18.66	ug/l	94

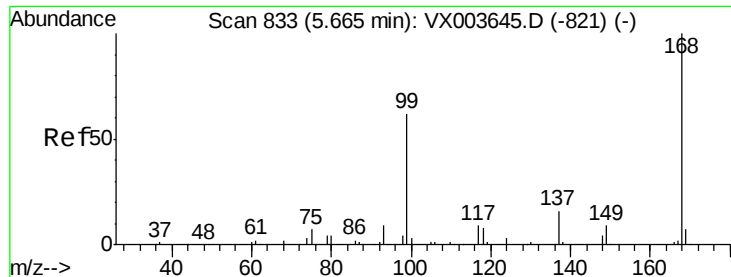
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Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46068	19.34	ug/l	100
94) Hexachlorobutadiene	13.79	225	21350	19.37	ug/l	99
95) Naphthalene	13.84	128	141520	19.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47917	19.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

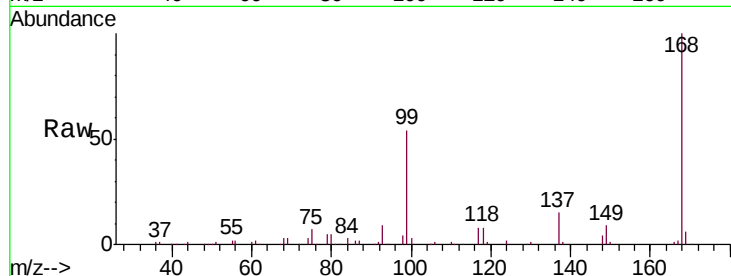
VX0726WBS02

Tot Ion:168 Resp: 95288

Ion Ratio Lower Upper

168 100

99 54.4 49.5 74.3

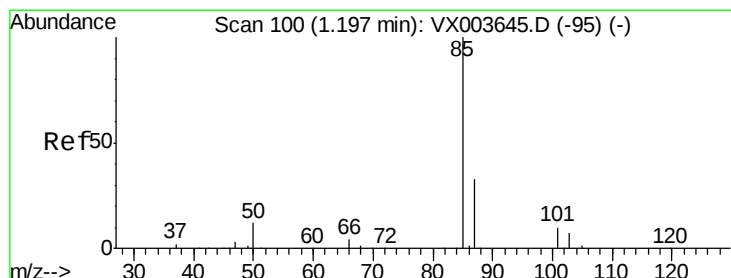
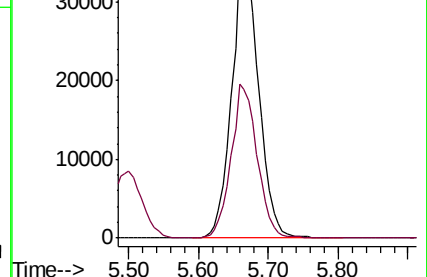
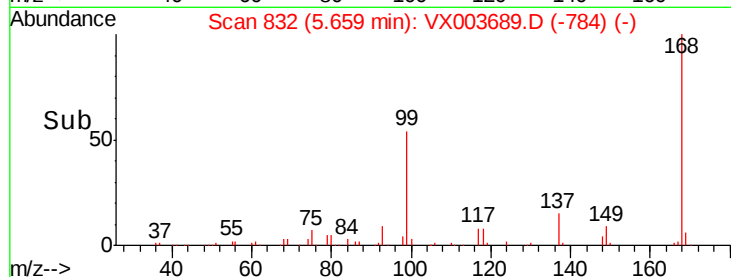


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 20.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003689.D

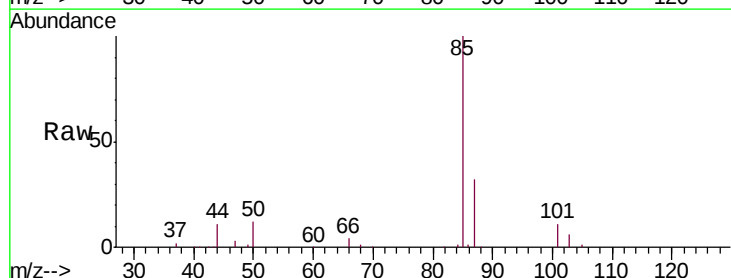
Acq: 27 Jul 2018 00:40

Tgt Ion: 85 Resp: 22280

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5

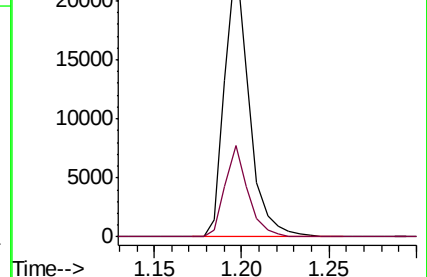
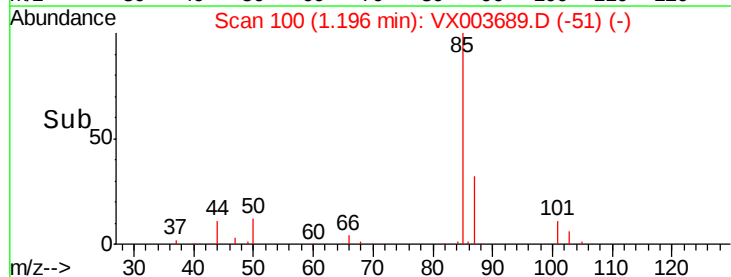


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 20.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

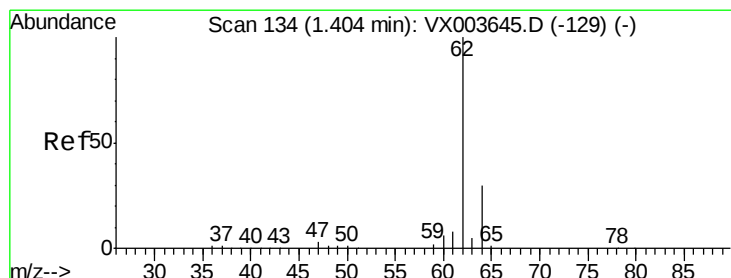
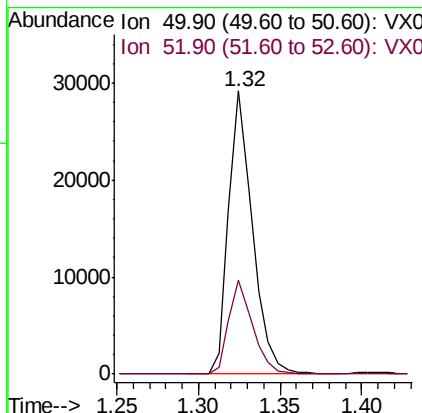
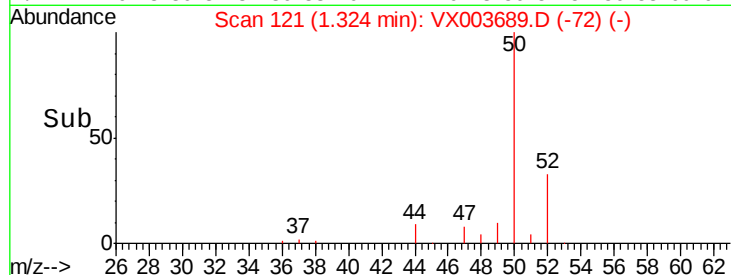
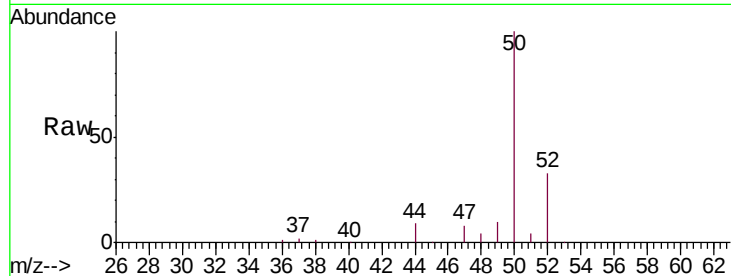
VX0726WBS02

Tot Ion: 50 Resp: 29838

Ion Ratio Lower Upper

50 100

52 33.0 26.3 39.5



#4

Vinyl Chloride

Concen: 21.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003689.D

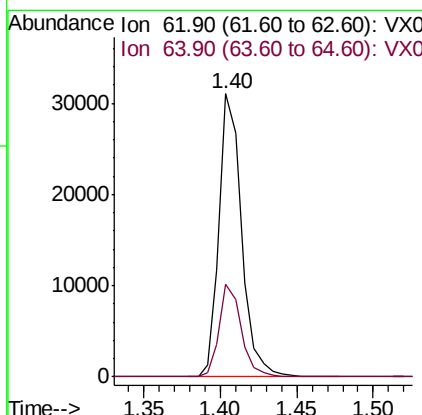
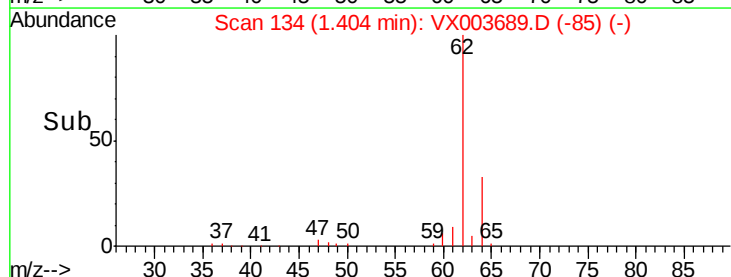
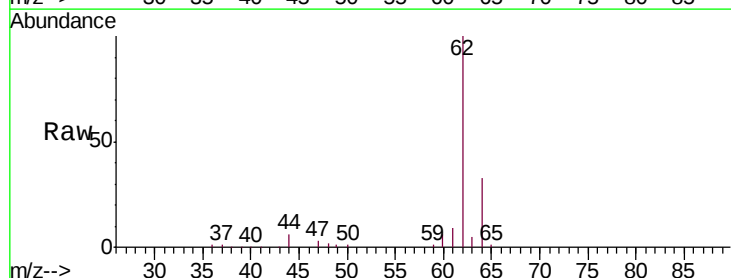
Acq: 27 Jul 2018 00:40

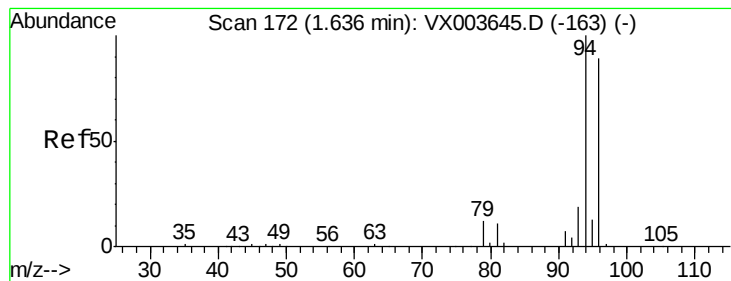
Tgt Ion: 62 Resp: 31747

Ion Ratio Lower Upper

62 100

64 32.7 24.4 36.6





#5

Bromomethane

Concen: 25.22 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

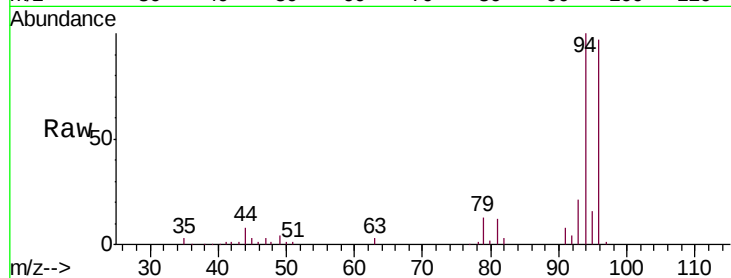
VX0726WBS02

Tot Ion: 94 Resp: 17804

Ion Ratio Lower Upper

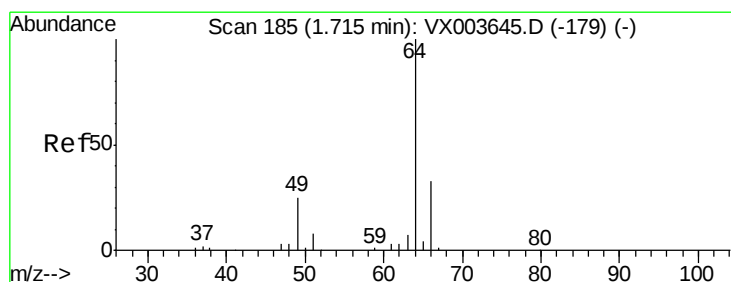
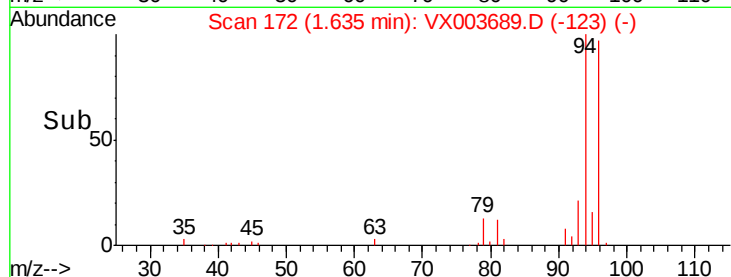
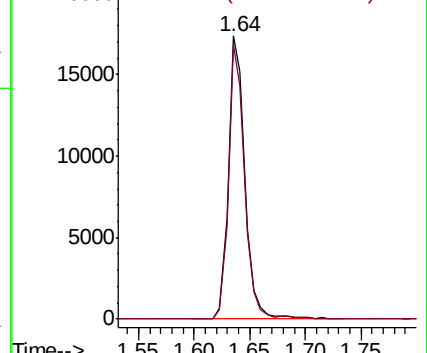
94 100

96 97.0 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003689.D

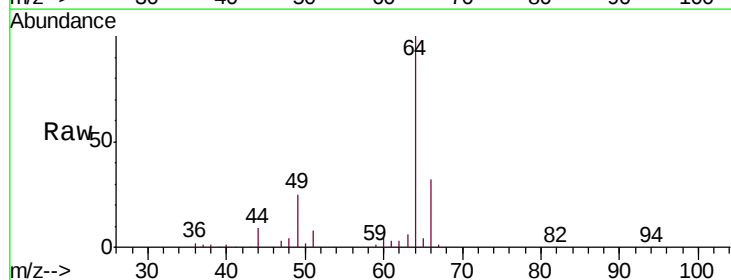
Acq: 27 Jul 2018 00:40

Tgt Ion: 64 Resp: 22926

Ion Ratio Lower Upper

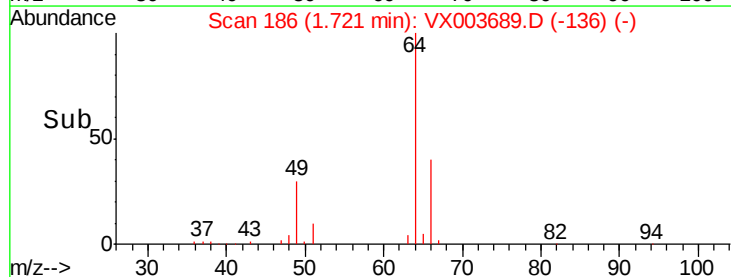
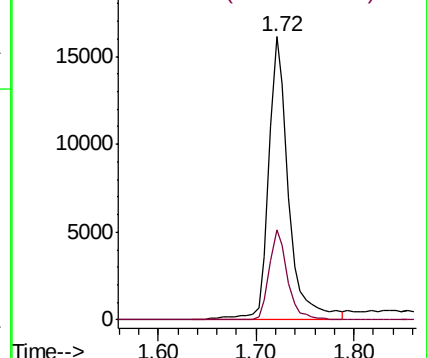
64 100

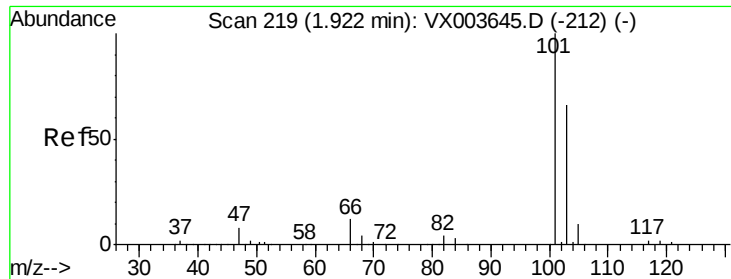
66 31.8 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



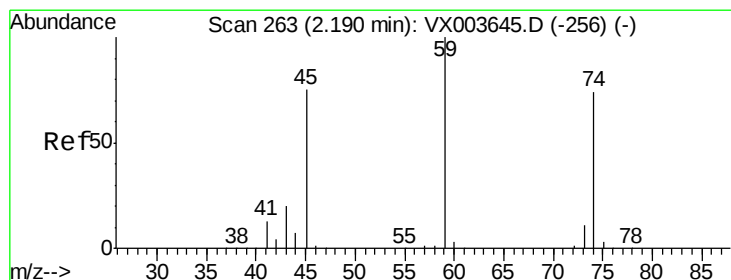
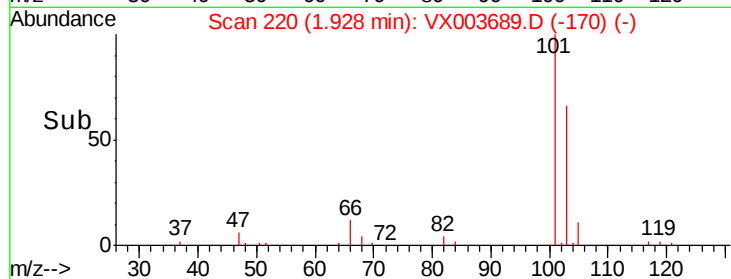
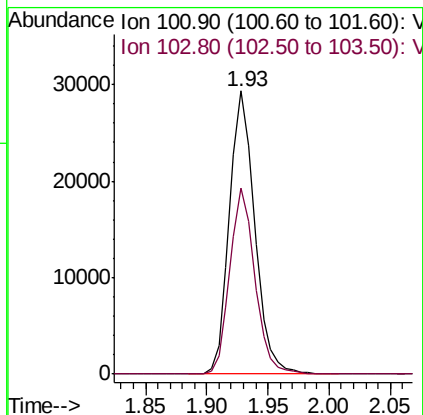
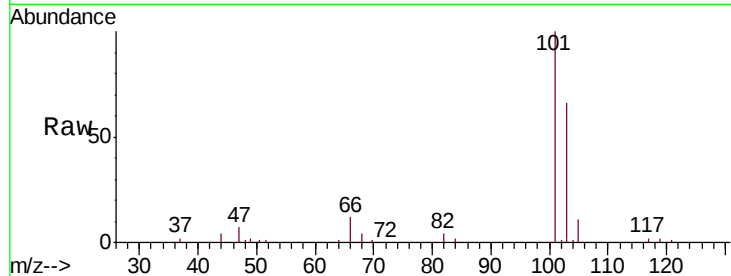


#7

Trichlorofluoromethane
 Concen: 22.34 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

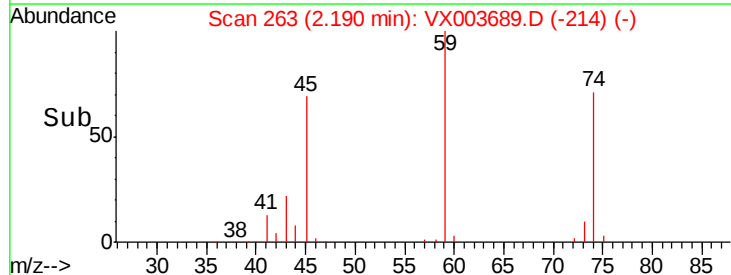
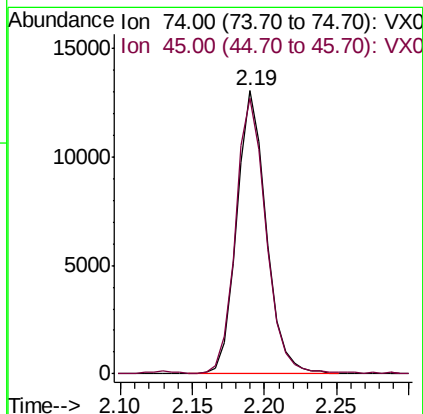
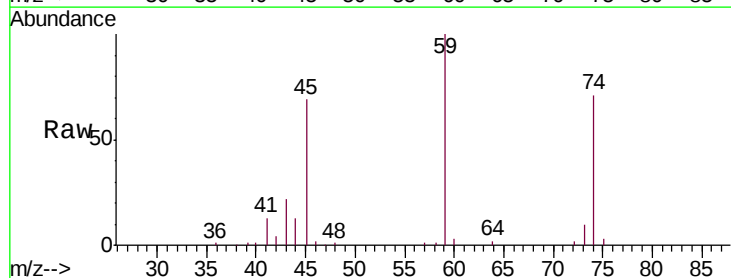
Tot Ion:101 Resp: 42047
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.2 79.8

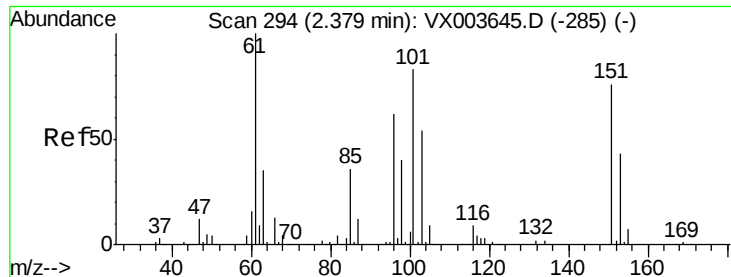


#8

Diethyl Ether
 Concen: 22.47 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion: 74 Resp: 18533
 Ion Ratio Lower Upper
 74 100
 45 101.5 51.0 153.1

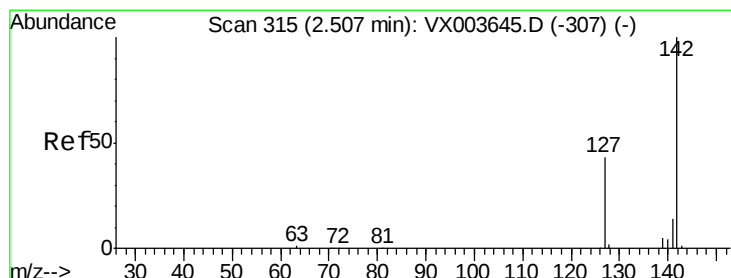
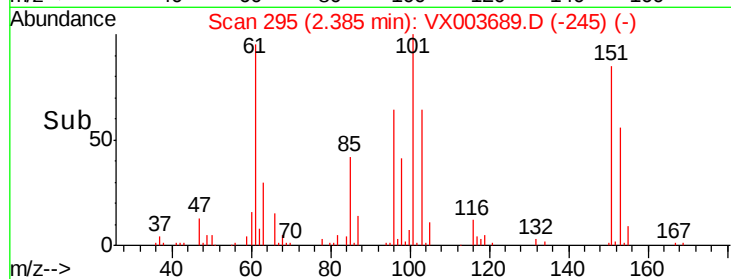
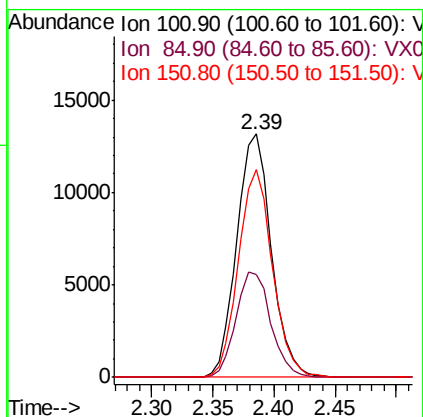
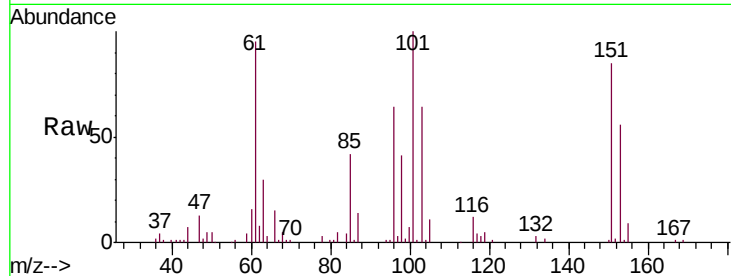




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.40 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

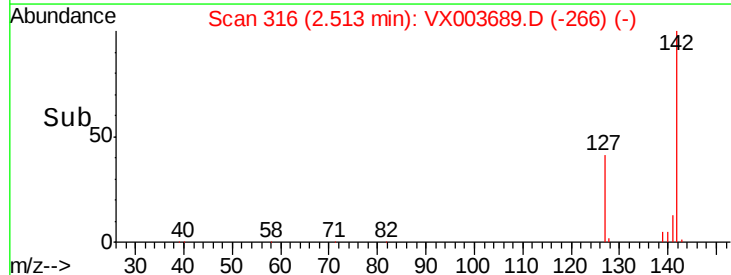
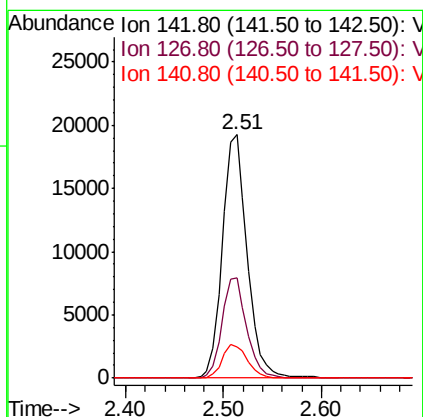
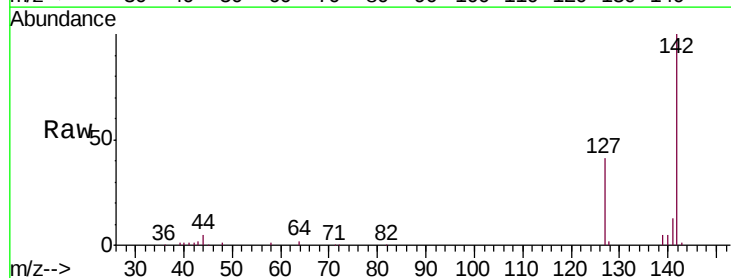
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

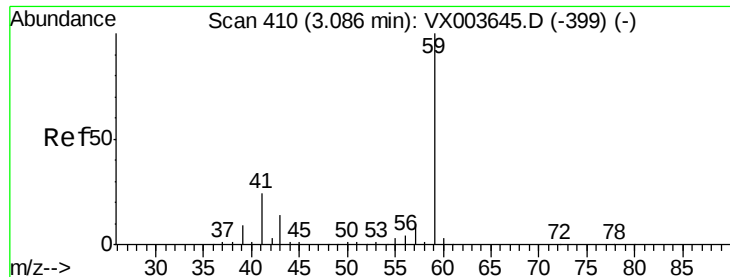
Tot Ion:101 Resp: 25951
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.6 52.0
 151 83.8 67.5 101.3



#10
 Methyl Iodide
 Concen: 23.45 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion:142 Resp: 33802
 Ion Ratio Lower Upper
 142 100
 127 41.1 34.0 51.0
 141 13.9 11.3 16.9

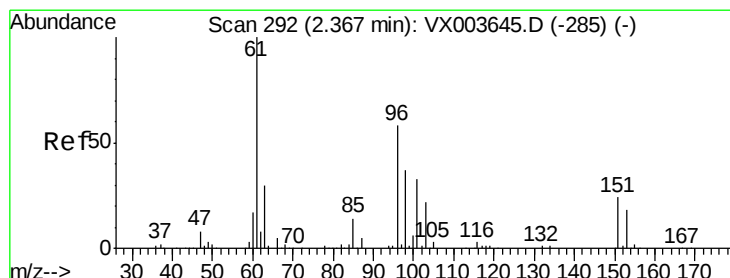
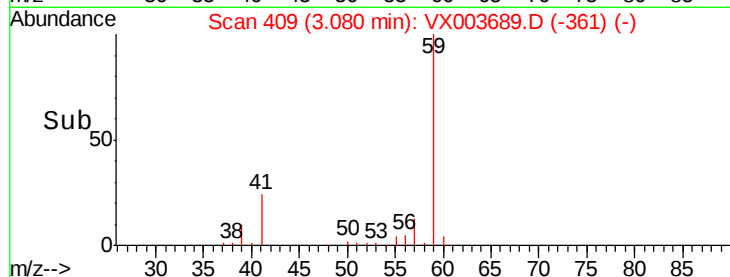
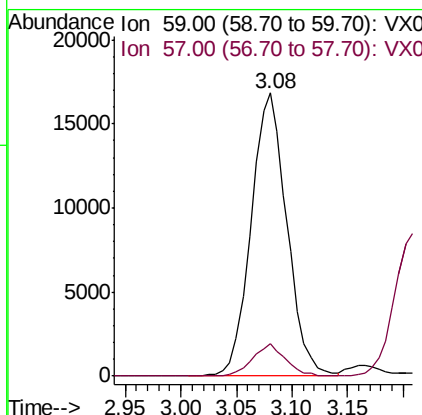
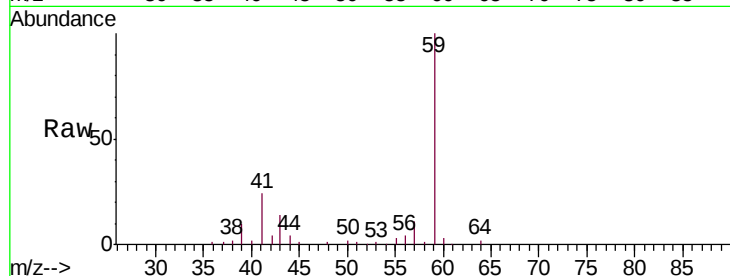




#11
Tert butyl alcohol
Concen: 111.24 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

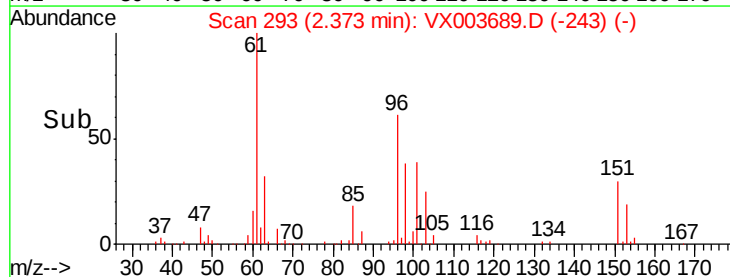
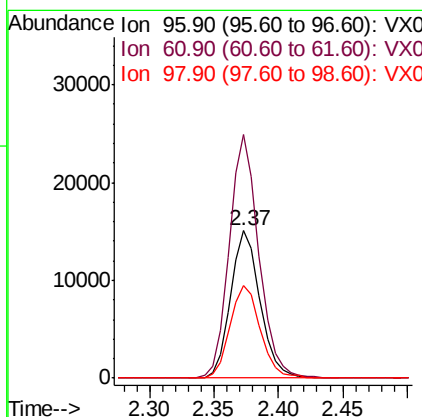
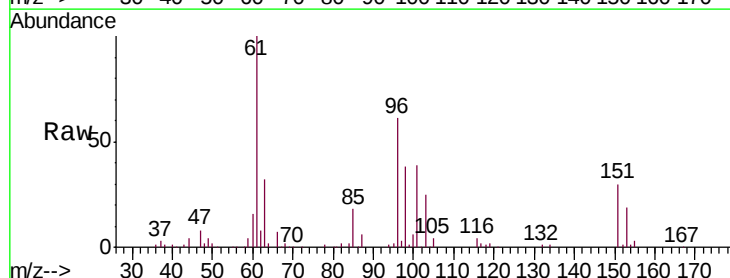
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

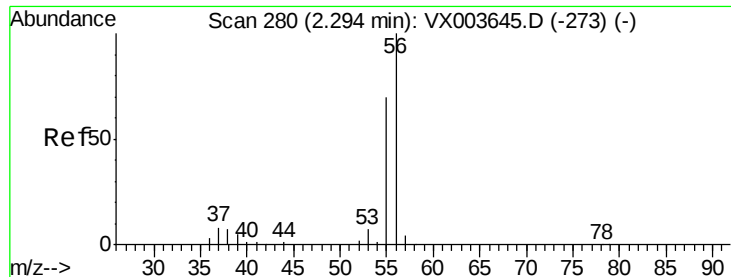
Tot Ion: 59 Resp: 37534
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 21.95 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 96 Resp: 24187
Ion Ratio Lower Upper
96 100
61 165.1 138.8 208.2
98 62.9 51.4 77.2





#13

Acrolein

Concen: 118.22 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

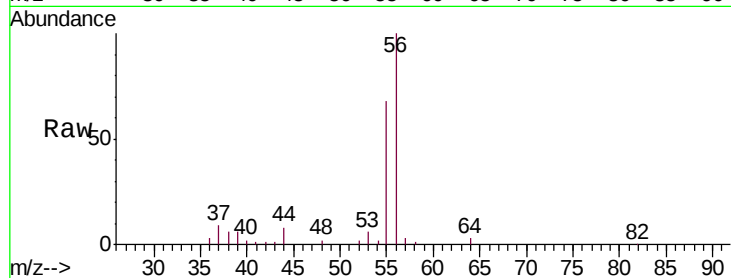
VX0726WBS02

Tot Ion: 56 Resp: 19800

Ion Ratio Lower Upper

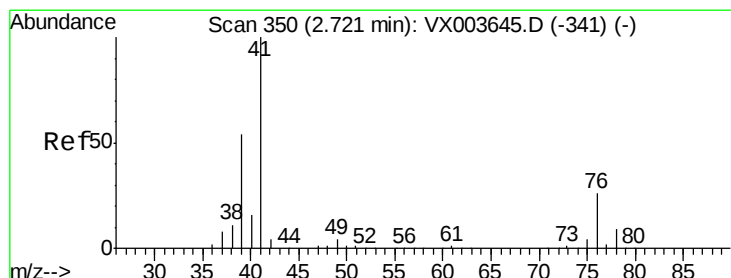
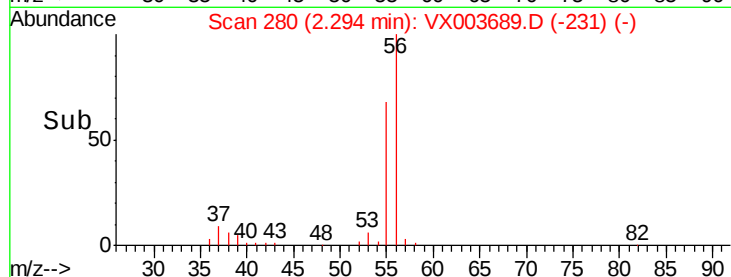
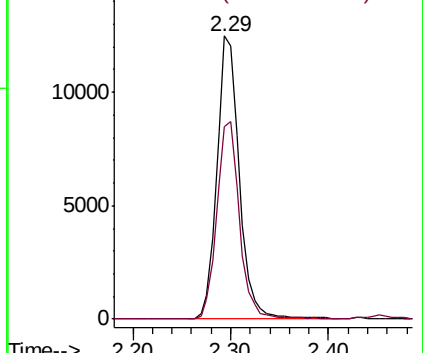
56 100

55 70.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.20 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

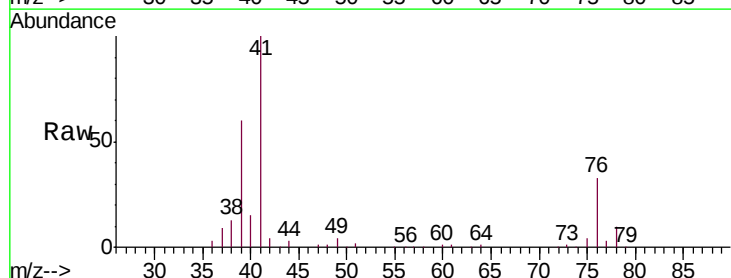
Tgt Ion: 41 Resp: 48714

Ion Ratio Lower Upper

41 100

39 58.3 45.3 67.9

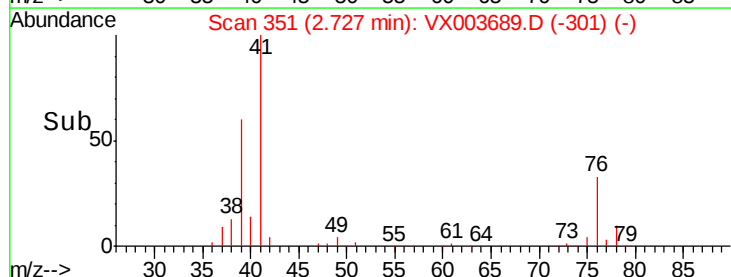
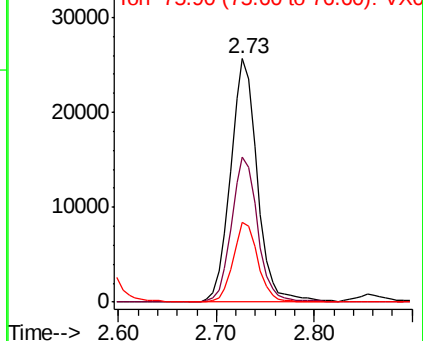
76 30.3 23.8 35.6

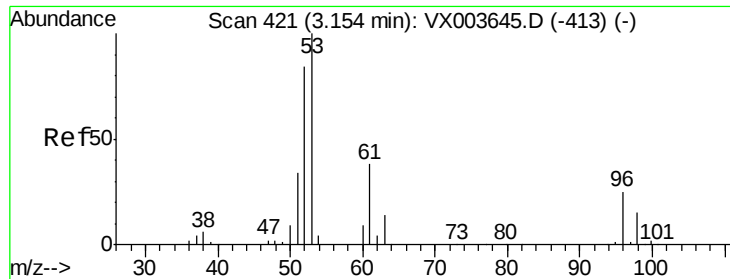


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 113.60 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

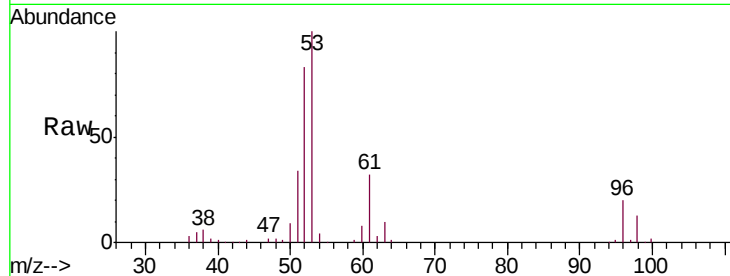
Tot Ion: 53 Resp: 92609

Ion Ratio Lower Upper

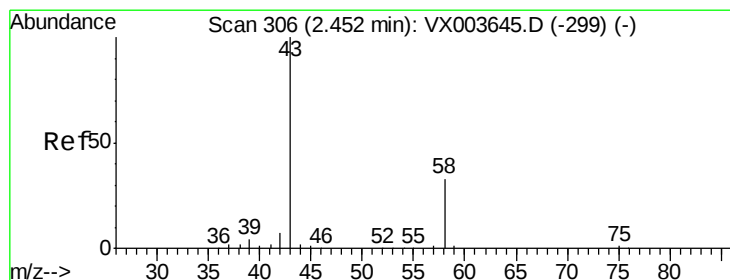
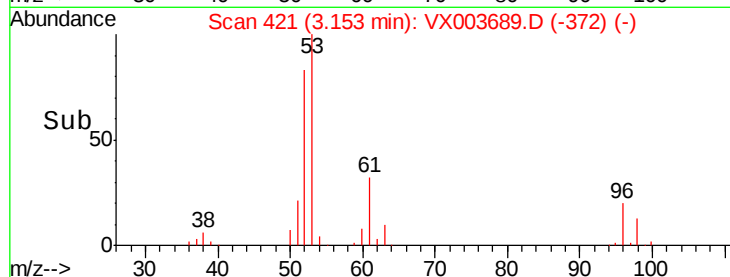
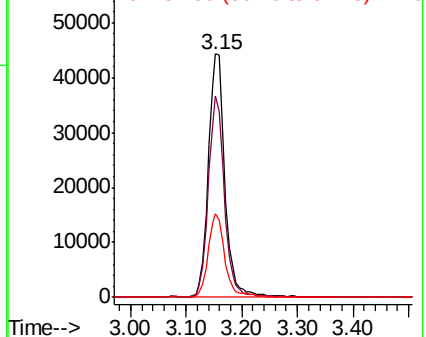
53 100

52 80.6 66.1 99.1

51 34.9 28.2 42.4



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: 110.47 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003689.D

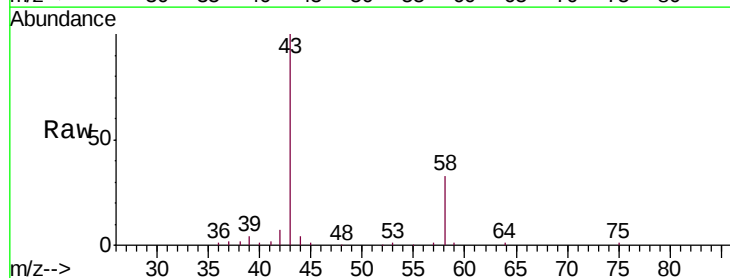
Acq: 27 Jul 2018 00:40

Tgt Ion: 43 Resp: 73254

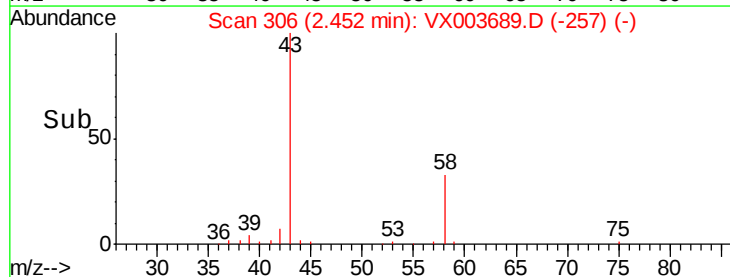
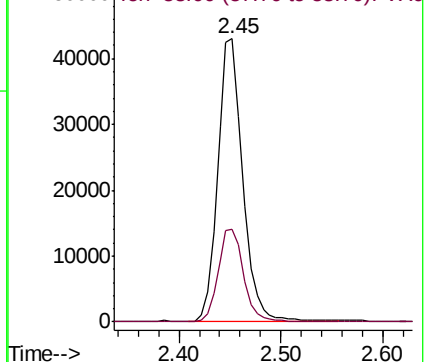
Ion Ratio Lower Upper

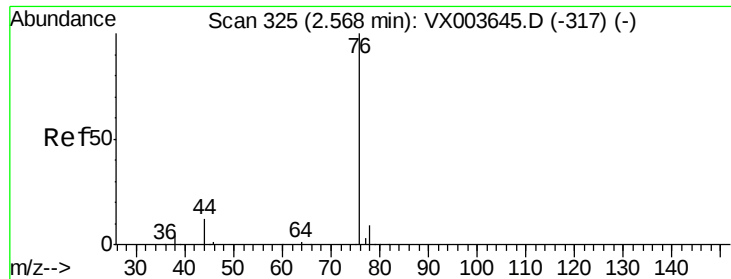
43 100

58 32.6 26.1 39.1



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

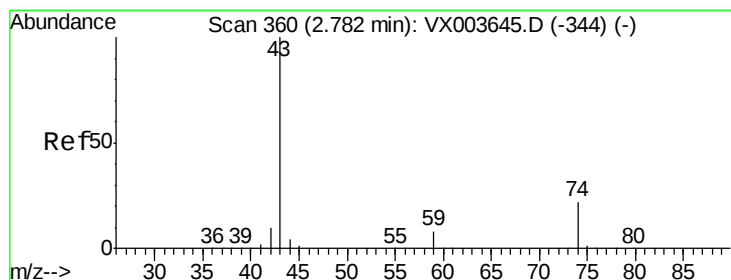
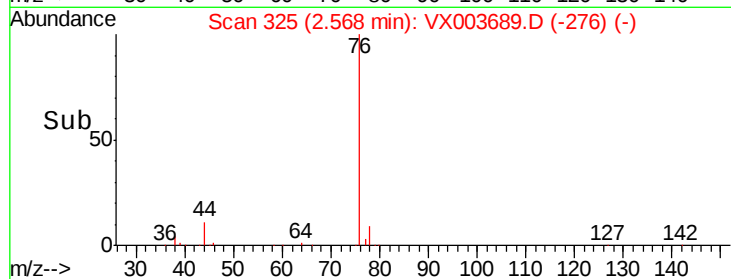
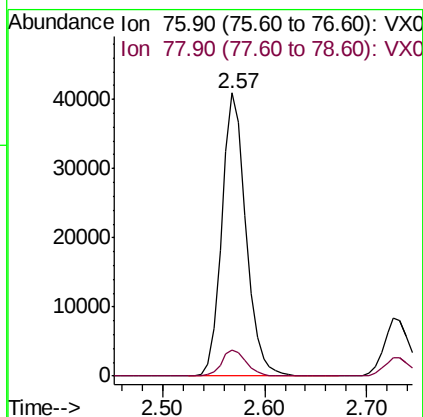
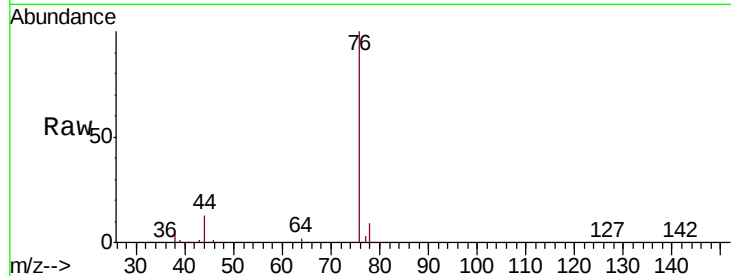




#17
Carbon Disulfide
Concen: 21.24 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

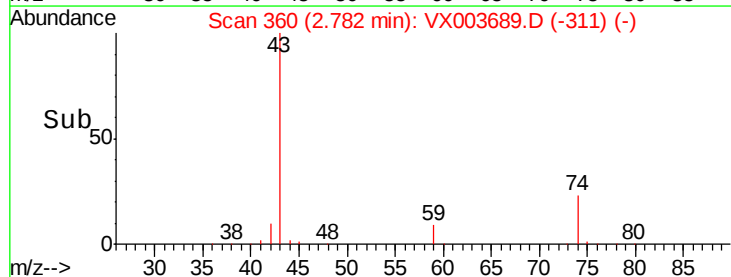
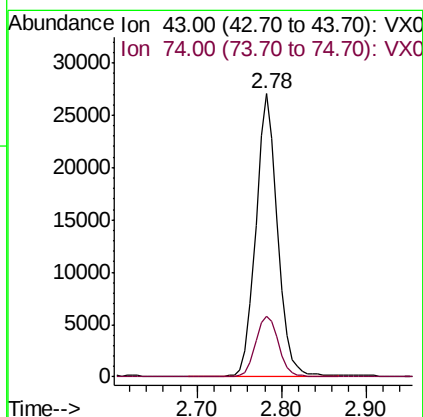
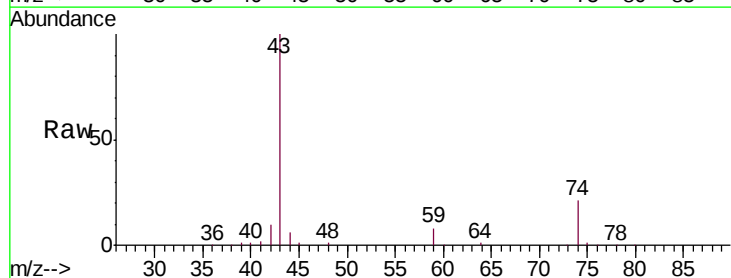
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

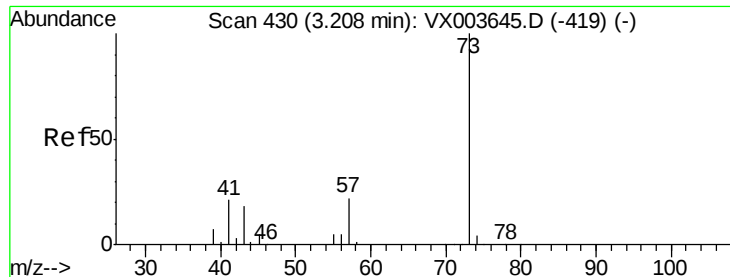
Tot Ion: 76 Resp: 67332
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 23.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 43 Resp: 47683
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8

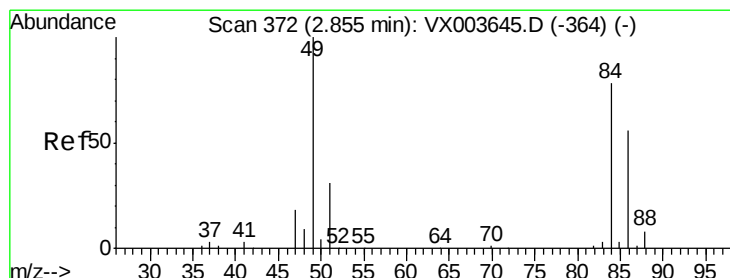
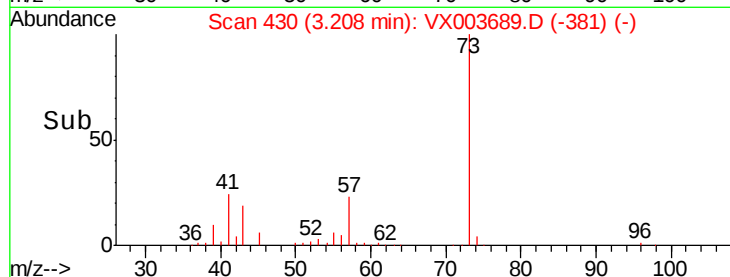
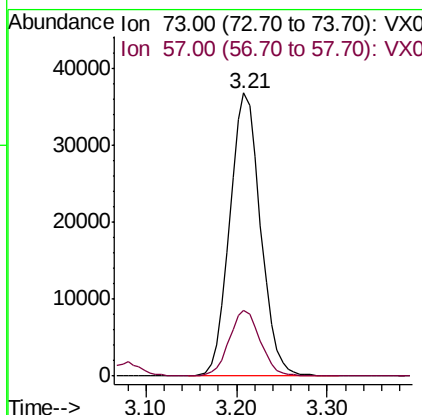
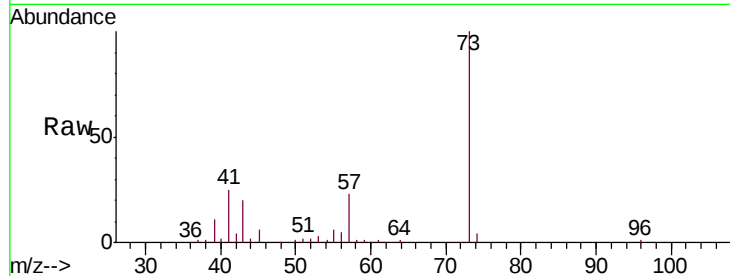




#19
Methvl tert-butvl Ether
Concen: 22.25 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

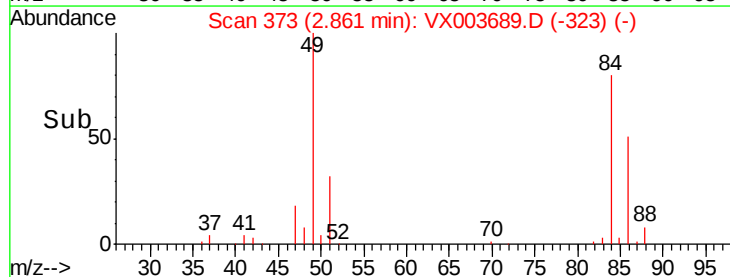
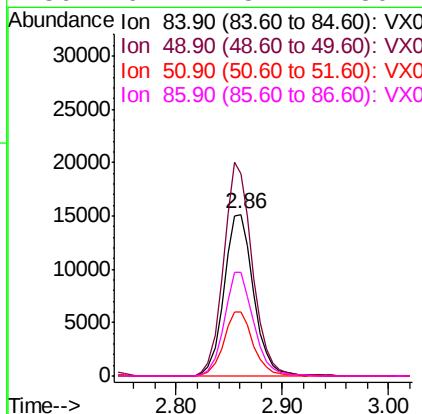
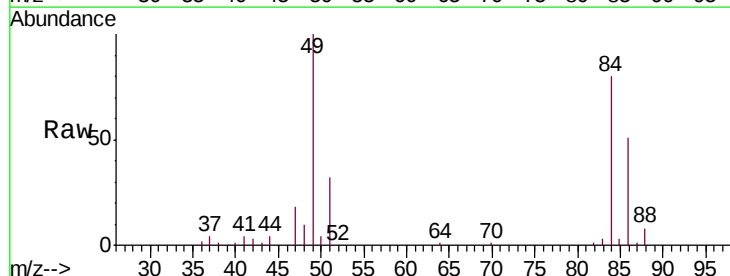
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

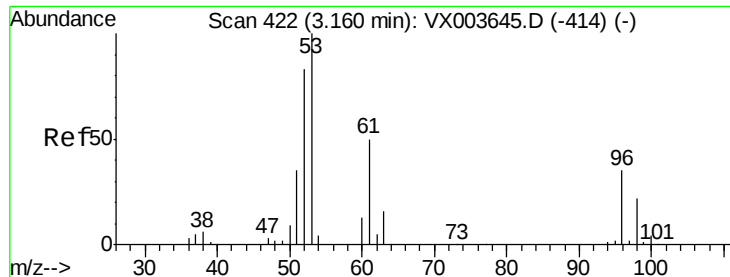
Tot Ion: 73 Resp: 86617
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.2



#20
Methylene Chloride
Concen: 22.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 84 Resp: 29347
Ion Ratio Lower Upper
84 100
49 125.2 102.3 153.5
51 39.8 31.8 47.8
86 64.2 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 22.20 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

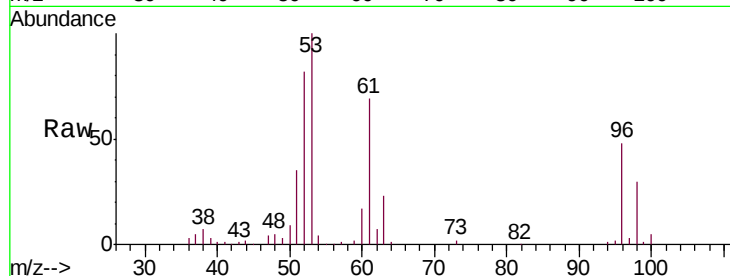
Tot Ion: 96 Resp: 26316

Ion Ratio Lower Upper

96 100

61 145.0 115.0 172.4

98 62.1 49.7 74.5

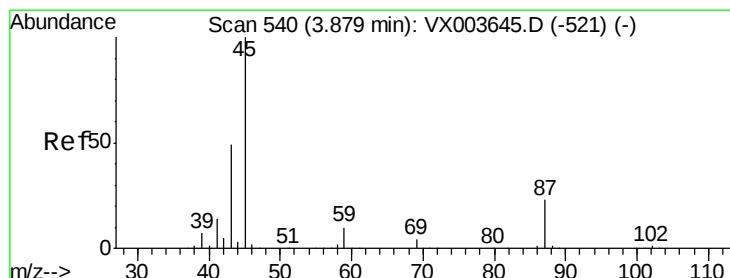
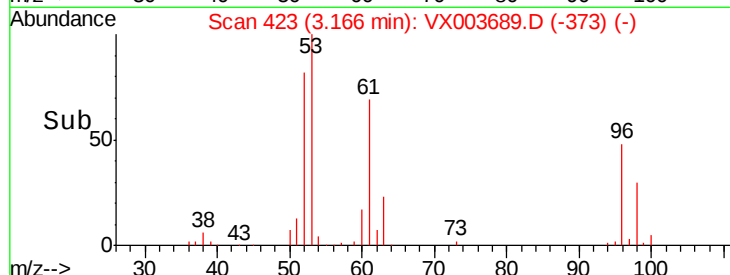
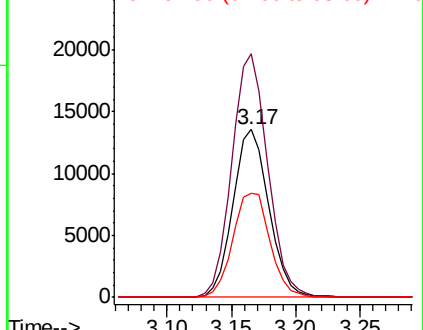


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.84 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Tgt Ion: 45 Resp: 87415

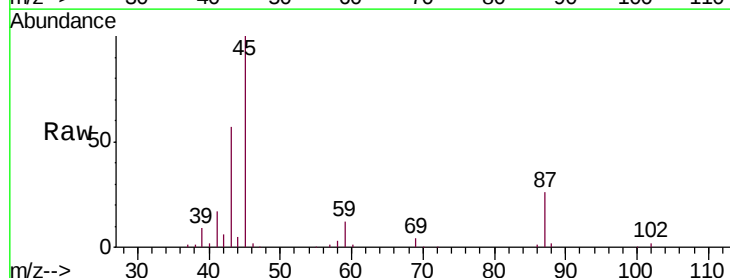
Ion Ratio Lower Upper

45 100

43 56.9 39.0 58.4

87 25.6 18.4 27.6

59 11.8 7.8 11.8#



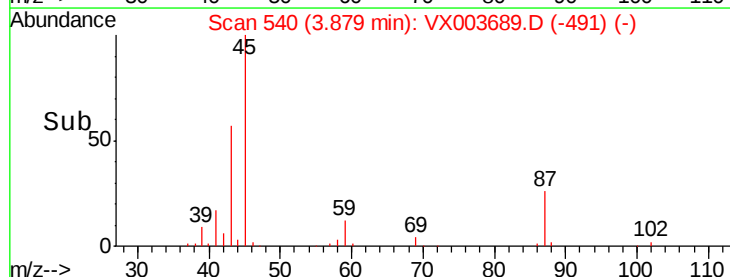
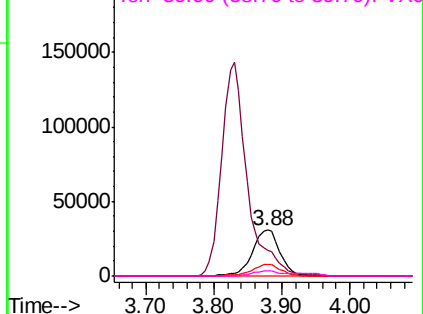
Abundance

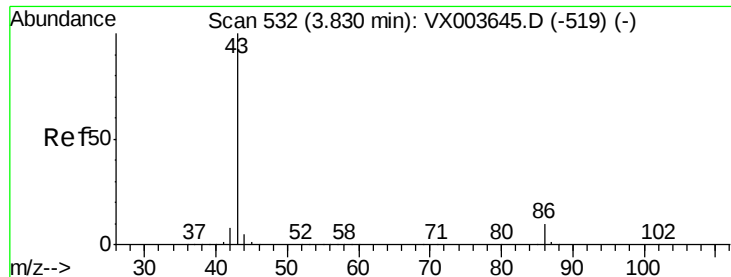
Ion 45.00 (44.70 to 45.70): VX0

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: 104.83 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

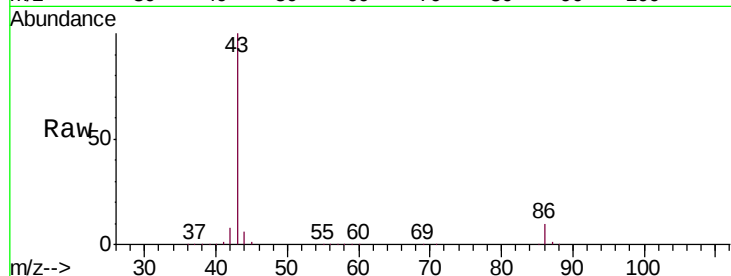
VX0726WBS02

Tot Ion: 43 Resp: 376697

Ion Ratio Lower Upper

43 100

86 10.0 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

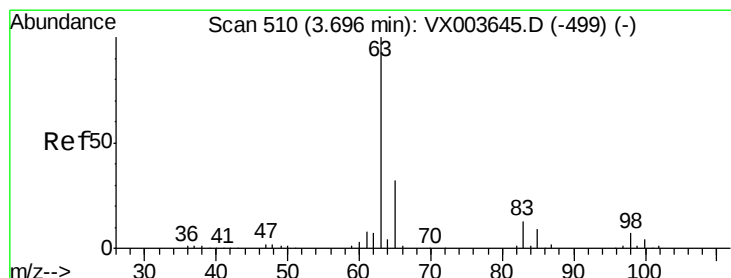
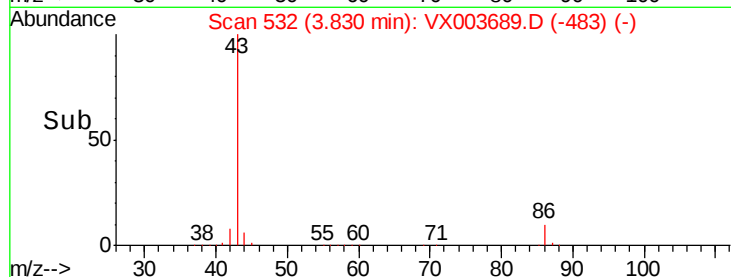
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.49 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

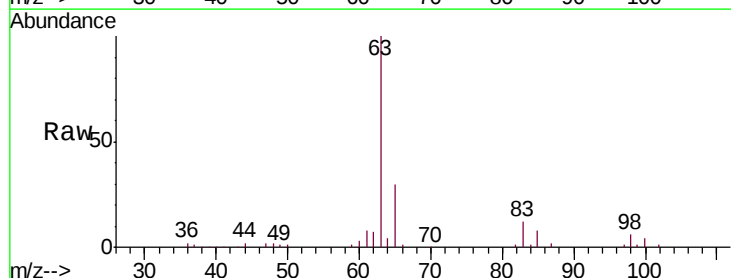
Tgt Ion: 63 Resp: 53178

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

100 3.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

25000

20000

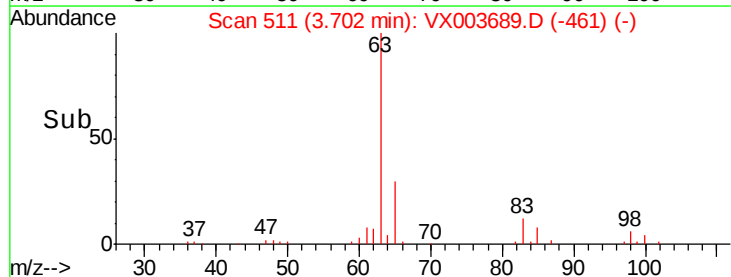
15000

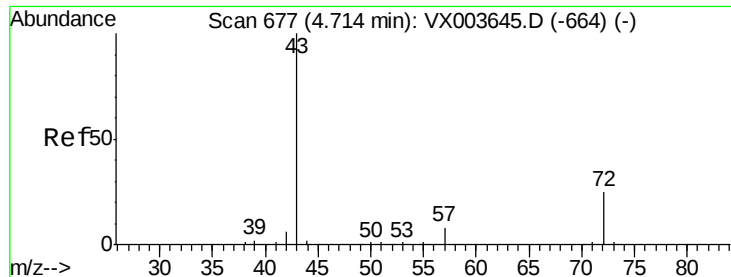
10000

5000

0

Time-->





#25

2-Butanone

Concen: 100.05 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

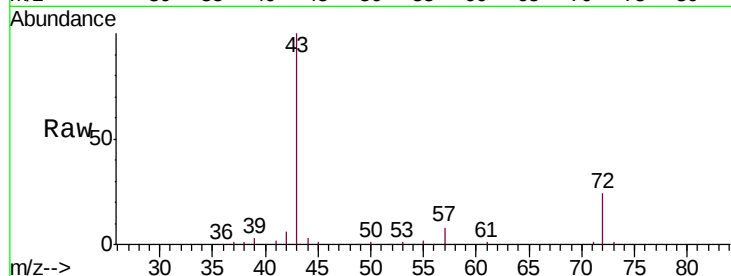
VX0726WBS02

Tot Ion: 43 Resp: 102493

Ion Ratio Lower Upper

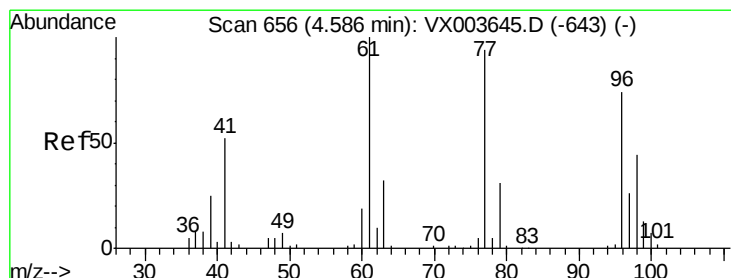
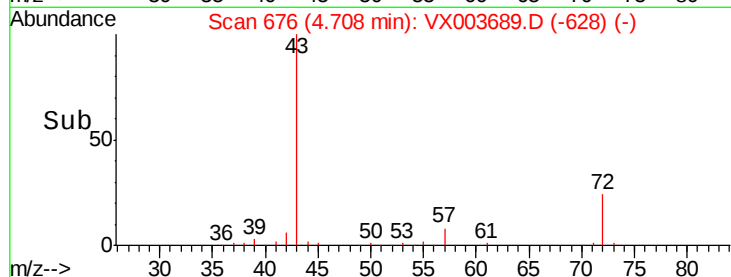
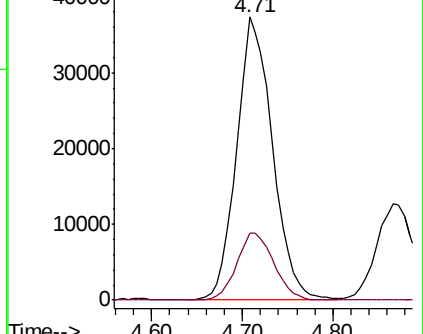
43 100

72 23.9 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.16 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003689.D

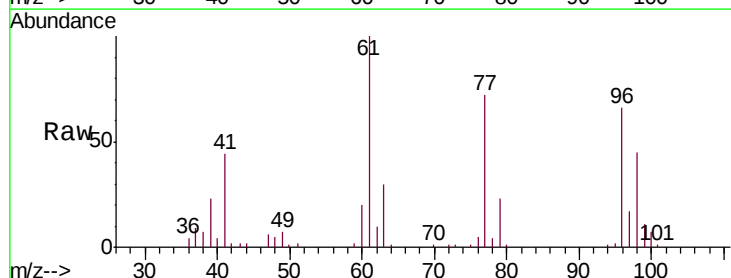
Acq: 27 Jul 2018 00:40

Tgt Ion: 77 Resp: 21167

Ion Ratio Lower Upper

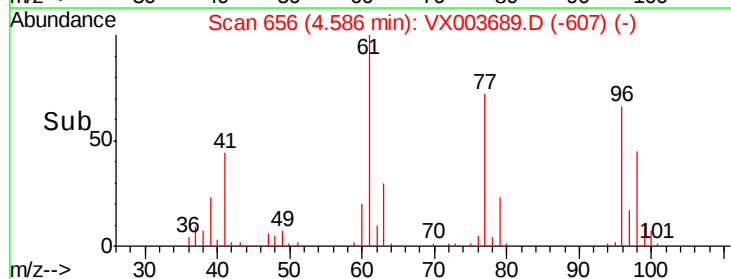
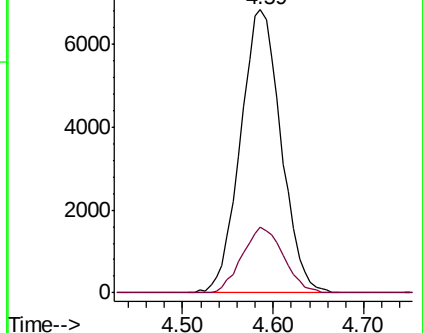
77 100

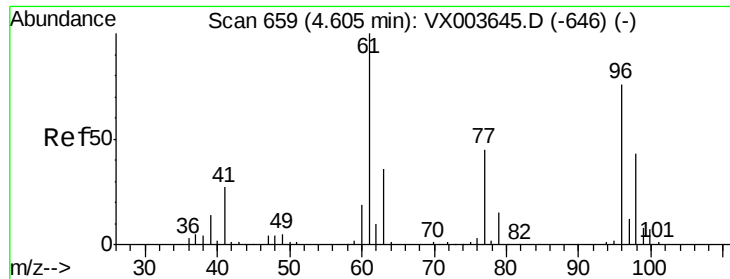
97 23.6 12.0 36.0



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: 19.03 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

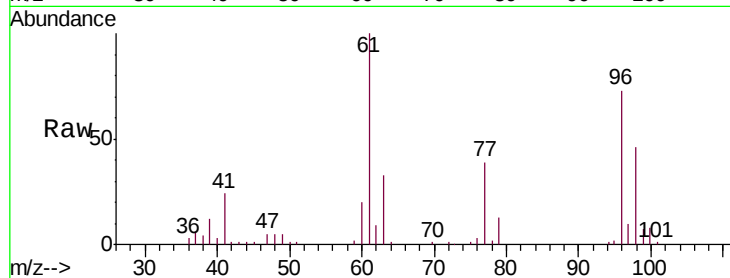
Tot Ion: 96 Resp: 24484

Ion Ratio Lower Upper

96 100

61 159.1 0.0 313.6

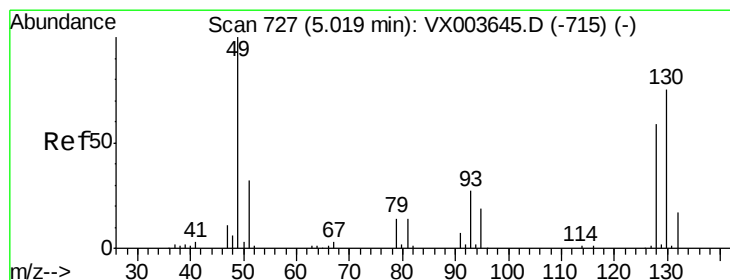
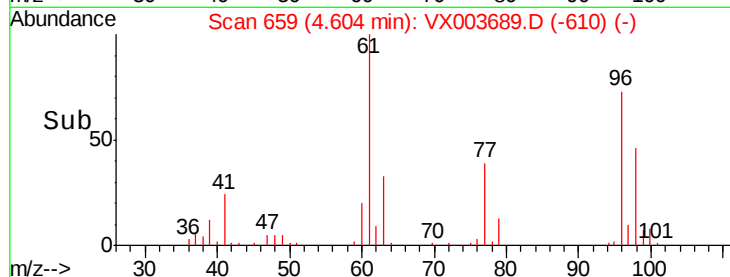
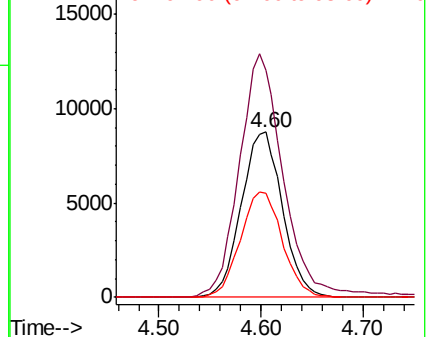
98 65.2 0.0 125.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.35 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

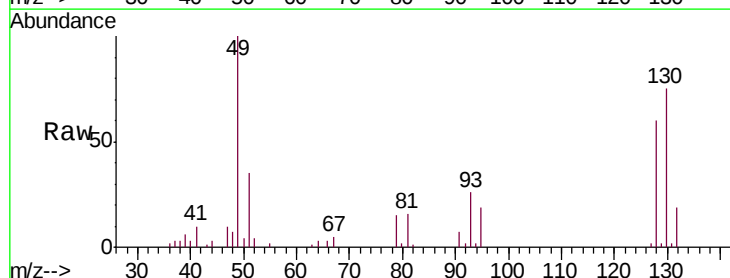
Tgt Ion: 49 Resp: 17407

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

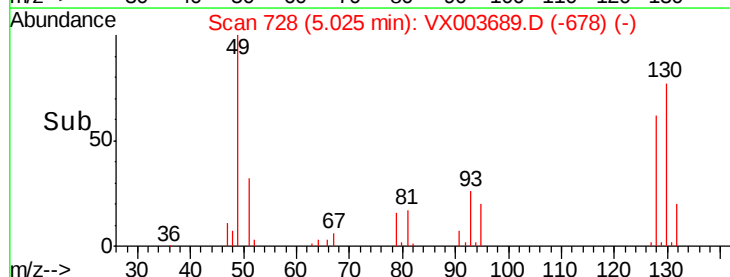
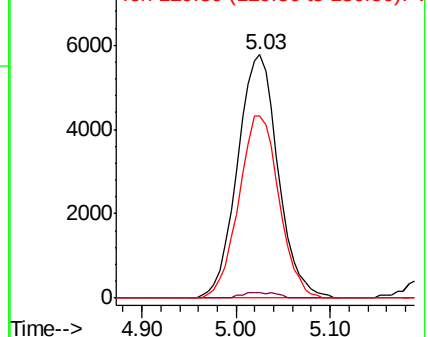
130 74.3 61.0 91.6

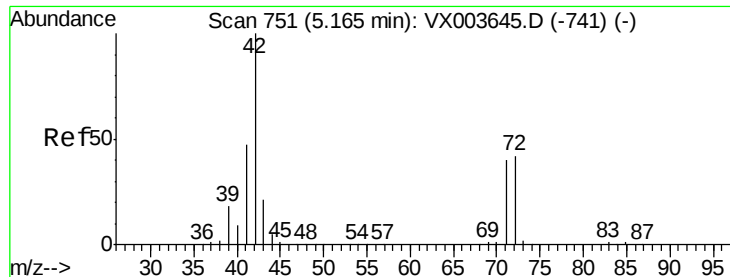


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

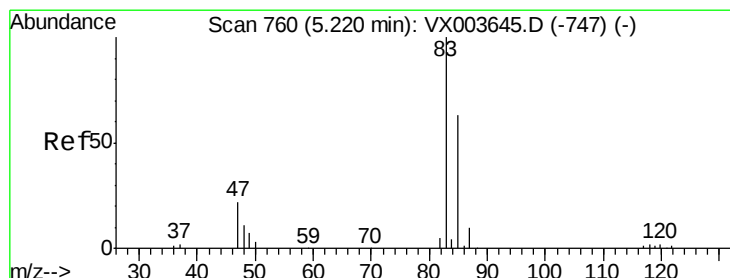
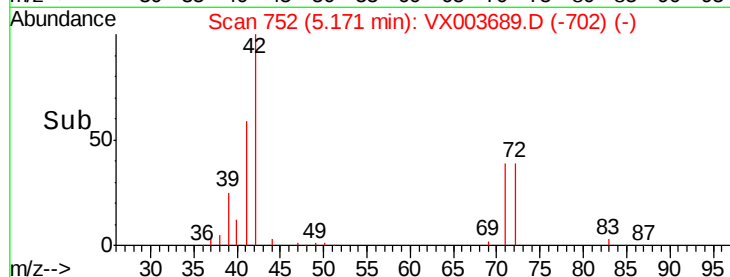
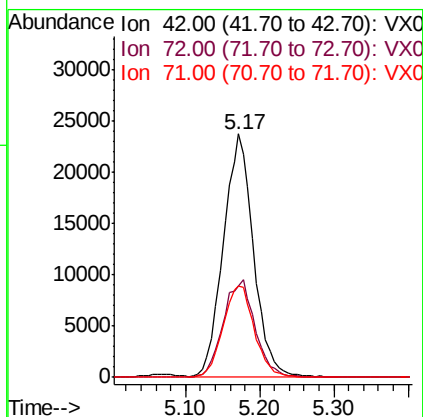
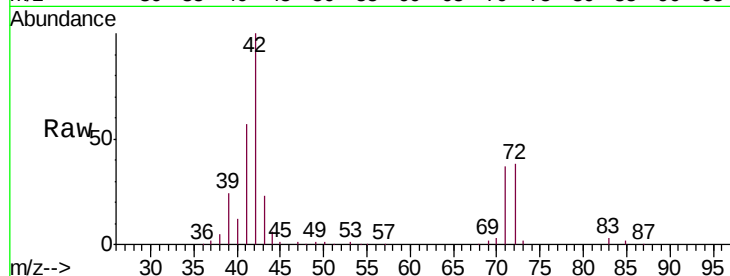




#29
Tetrahydrofuran
Concen: 100.19 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

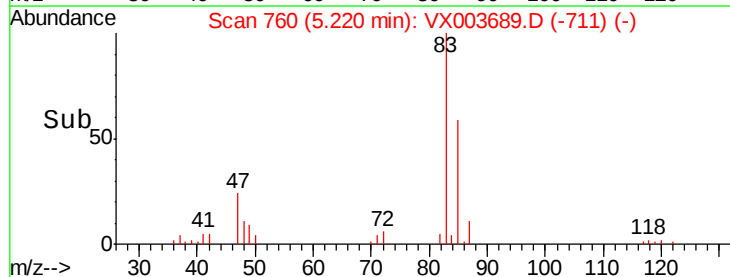
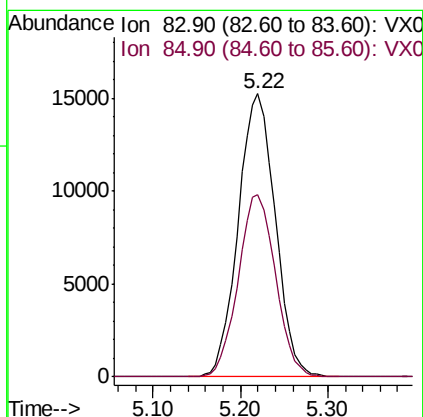
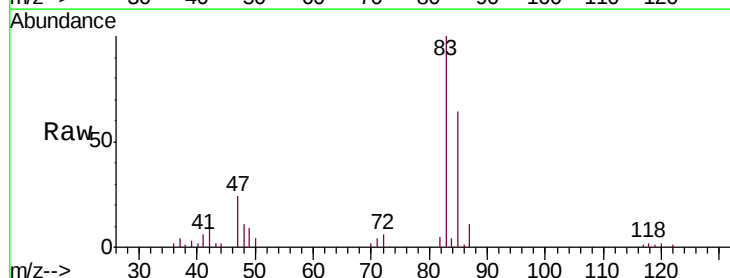
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

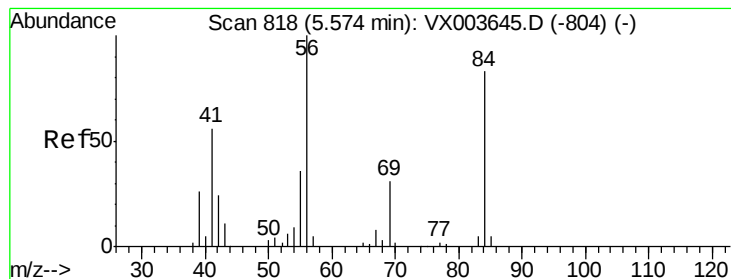
Tot Ion: 42 Resp: 66813
Ion Ratio Lower Upper
42 100
72 42.4 33.4 50.0
71 39.3 31.0 46.6



#30
Chloroform
Concen: 20.98 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 83 Resp: 44994
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4





#31

Cyclohexane

Concen: 19.93 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

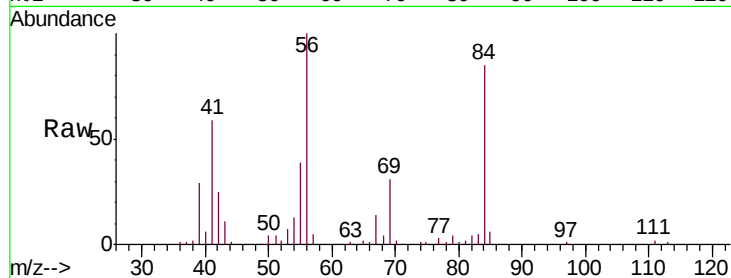
Tot Ion: 56 Resp: 37824

Ion Ratio Lower Upper

56 100

69 30.8 25.0 37.6

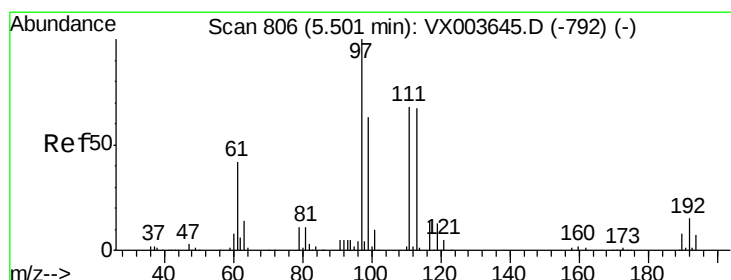
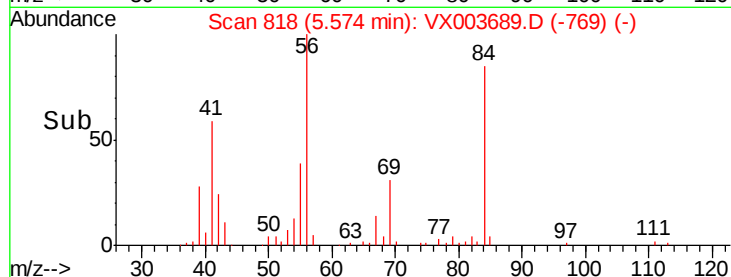
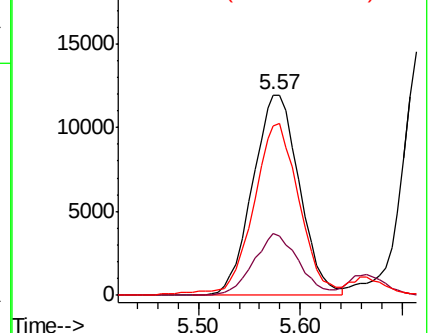
84 83.0 66.5 99.7



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: 21.93 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

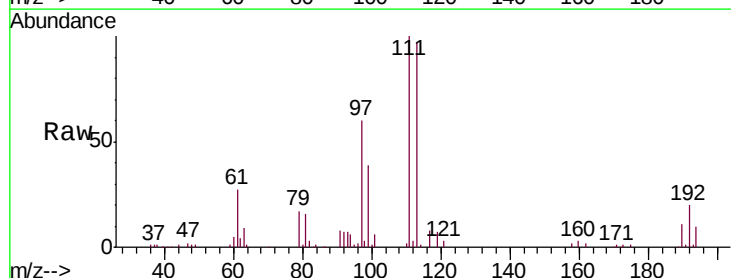
Tgt Ion: 97 Resp: 39054

Ion Ratio Lower Upper

97 100

99 64.8 50.4 75.6

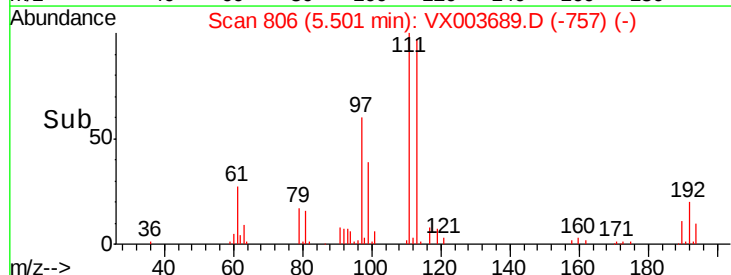
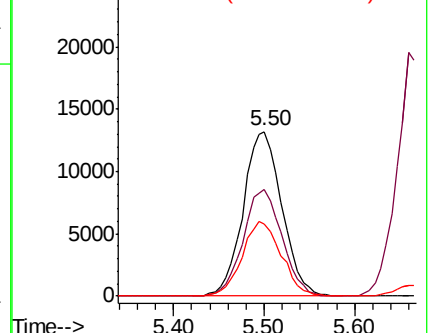
61 45.8 34.5 51.7

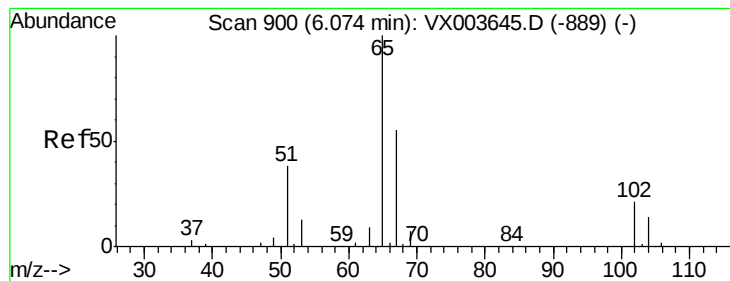


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.93 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

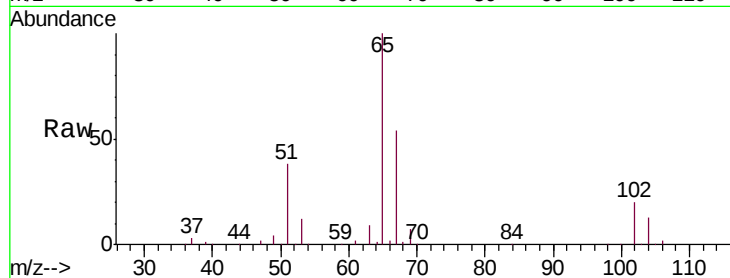
VX0726WBS02

Tot Ion: 65 Resp: 76124

Ion Ratio Lower Upper

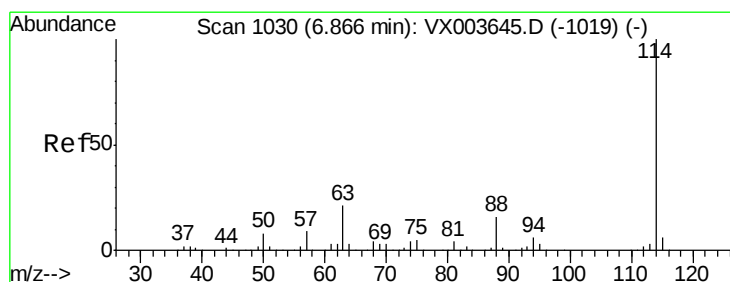
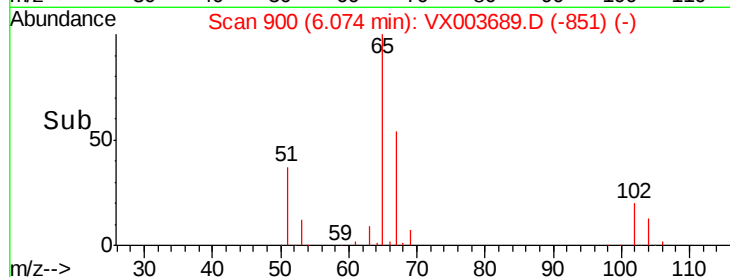
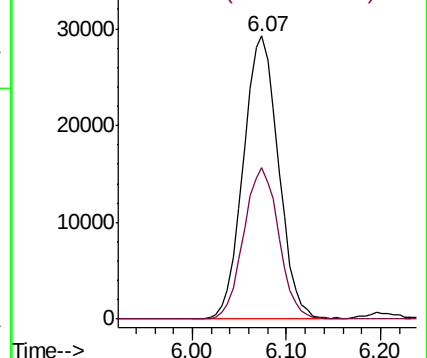
65 100

67 53.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

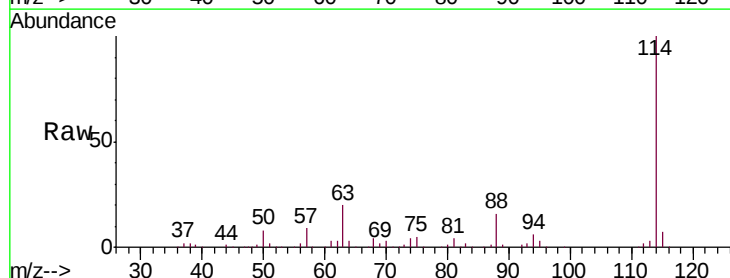
Tgt Ion: 114 Resp: 158076

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

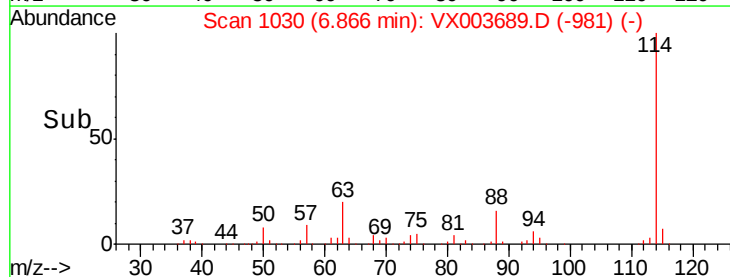
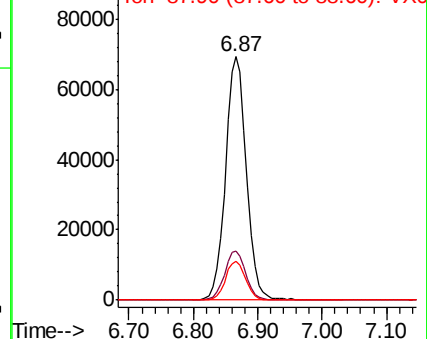
88 15.9 0.0 31.8

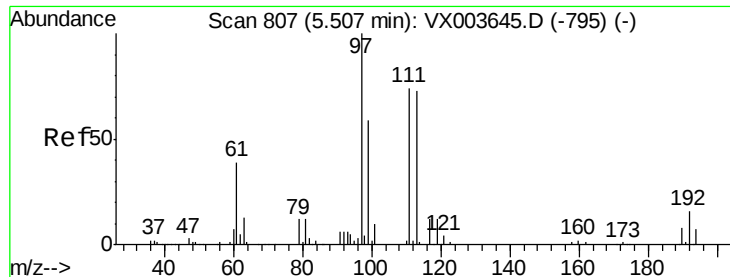


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

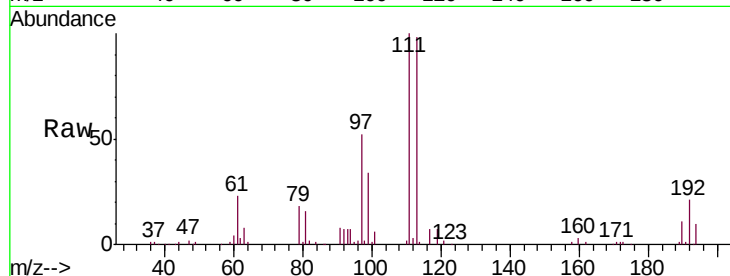




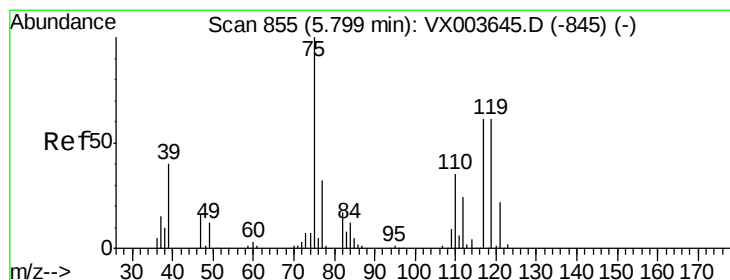
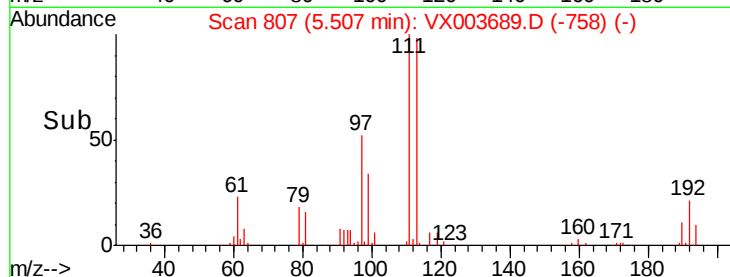
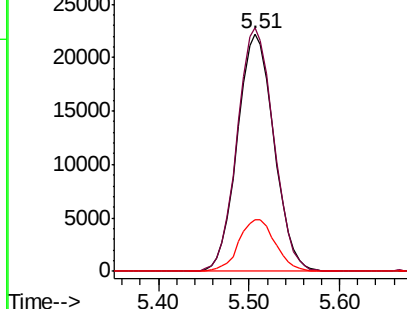
#35
 Dibromofluoromethane
 Concen: 48.15 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion:113 Resp: 62218
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 21.7 18.2 27.4

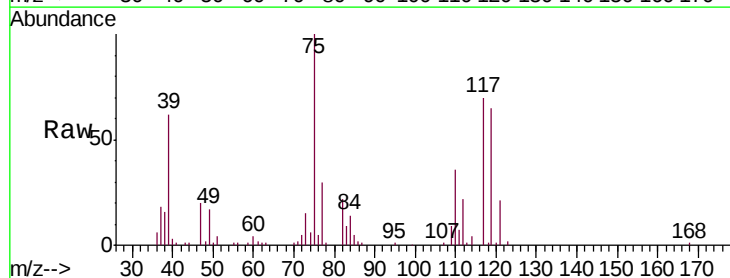


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

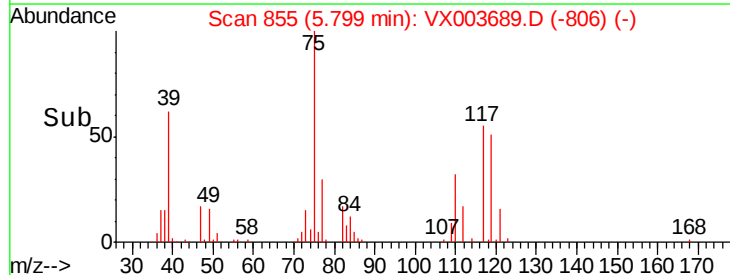
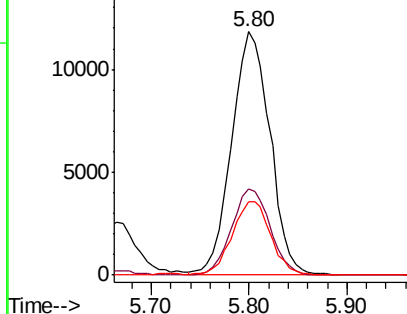


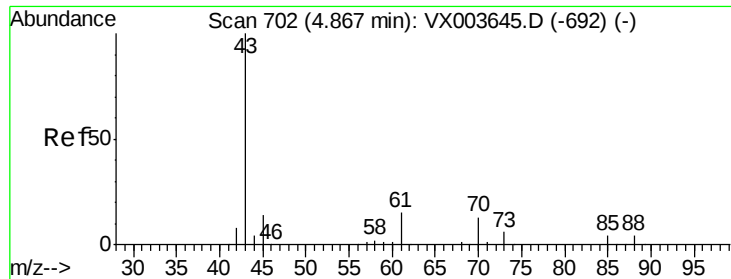
#36
 1,1-Dichloropropene
 Concen: 17.49 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion: 75 Resp: 32311
 Ion Ratio Lower Upper
 75 100
 110 35.4 18.1 54.1
 77 30.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

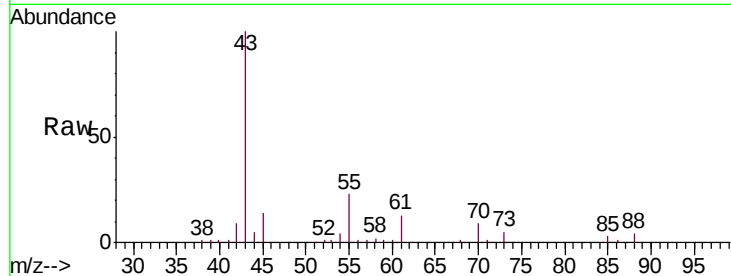




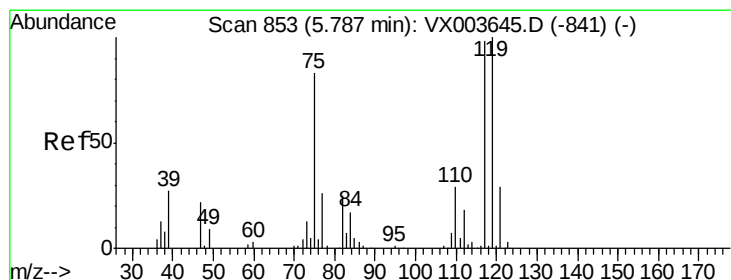
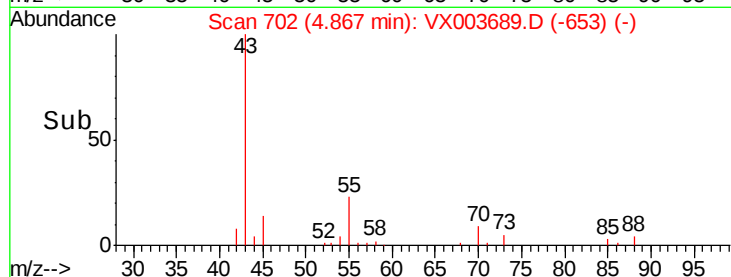
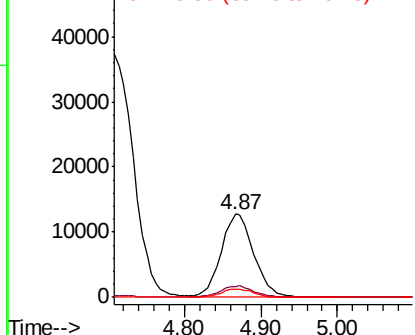
#37
Ethyl Acetate
Concen: 16.90 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 43 Resp: 37541
Ion Ratio Lower Upper
43 100
61 13.8 11.9 17.9
70 9.9 8.6 12.8

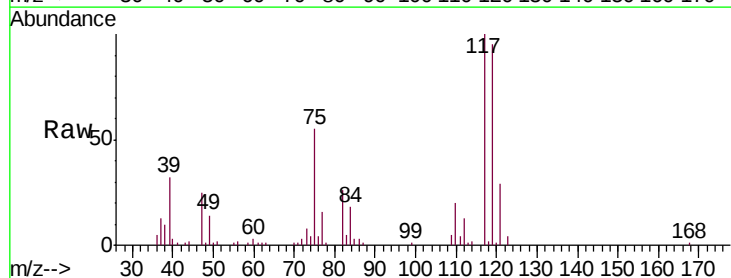


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

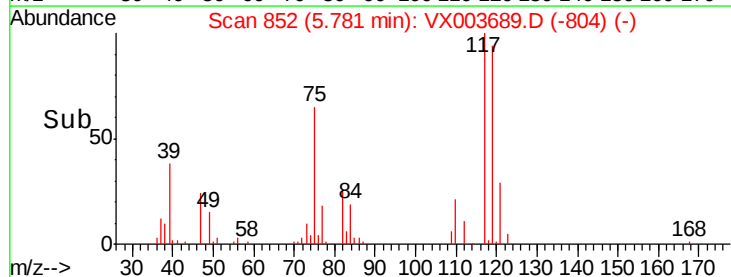
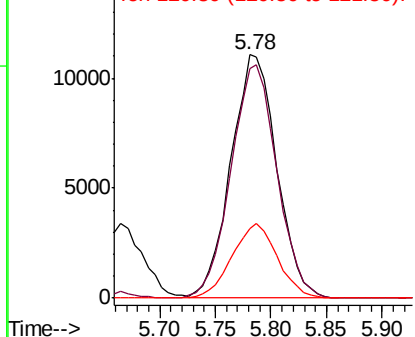


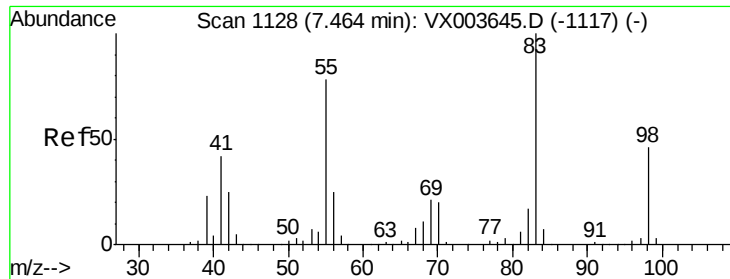
#38
Carbon Tetrachloride
Concen: 17.78 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 117 Resp: 31662
Ion Ratio Lower Upper
117 100
119 94.5 81.0 121.4
121 28.7 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

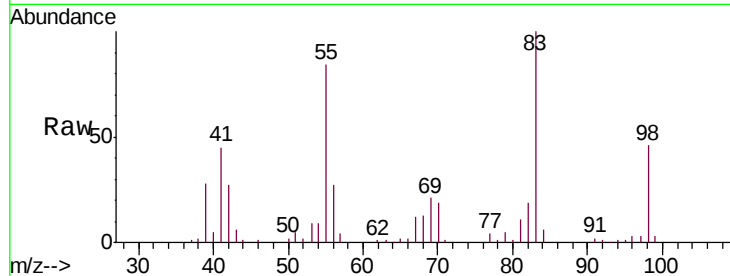




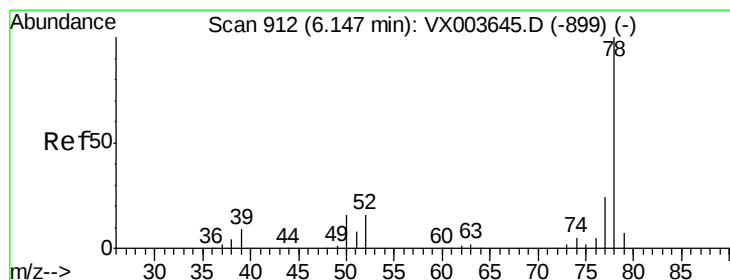
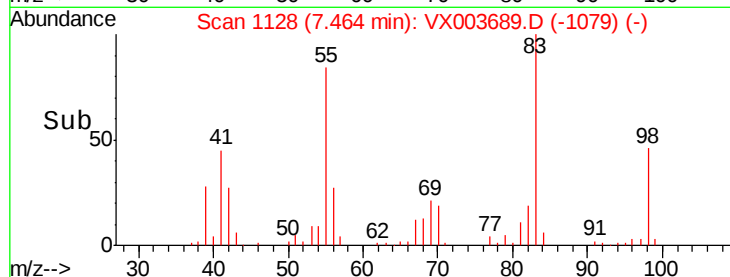
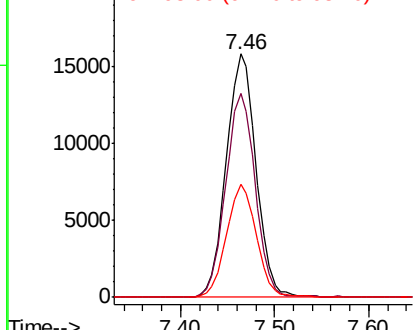
#39
Methvlcvclohexane
Concen: 17.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 83 Resp: 34810
Ion Ratio Lower Upper
83 100
55 83.6 62.6 93.8
98 46.3 36.6 55.0

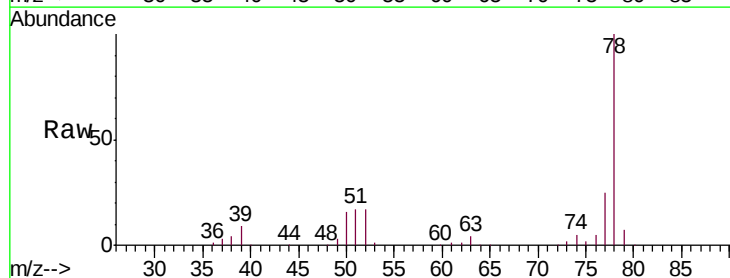


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

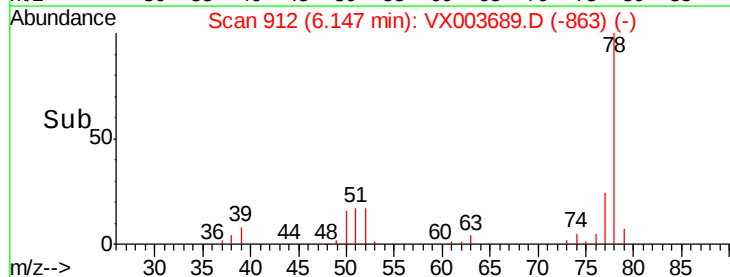
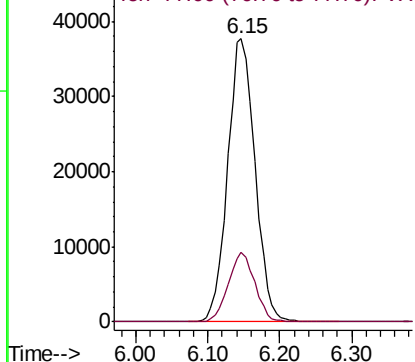


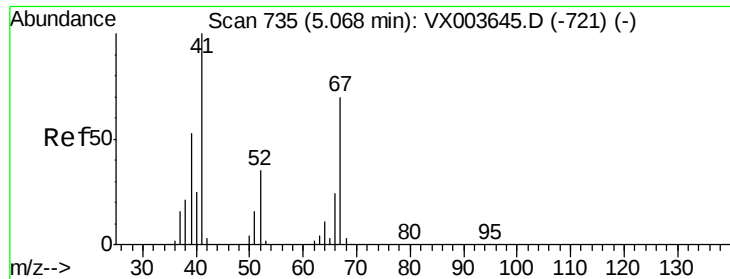
#40
Benzene
Concen: 18.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 78 Resp: 99775
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

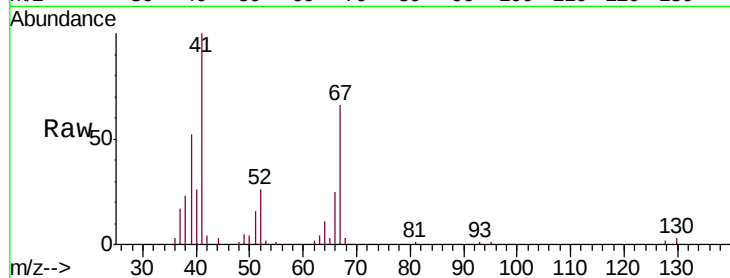




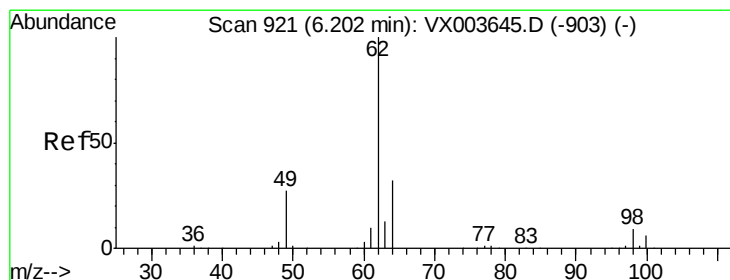
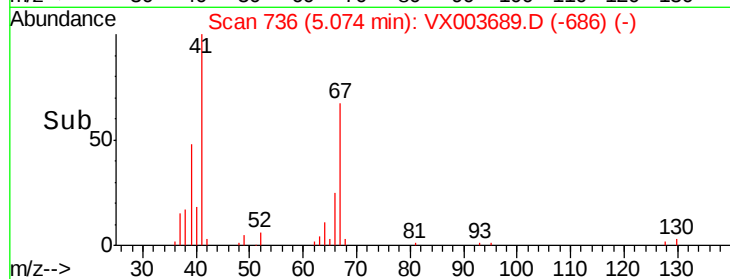
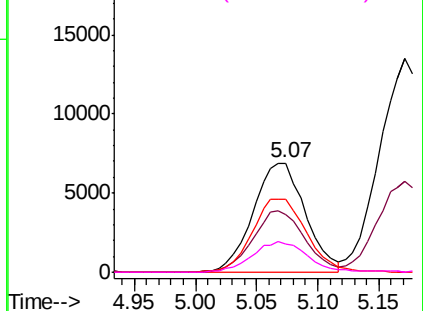
#41
Methacrylonitrile
Concen: 16.67 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion:	41	Resp:	20513
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.2	63.4
67	69.5	56.6	84.8
52	29.6	24.0	36.0

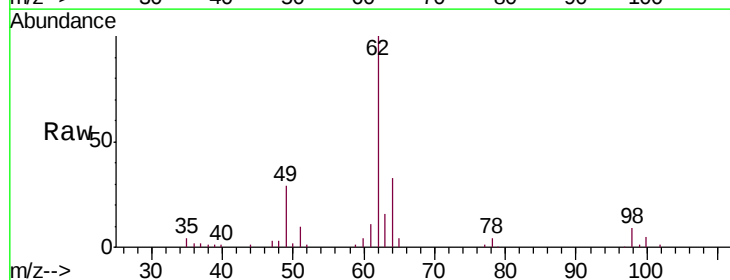


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

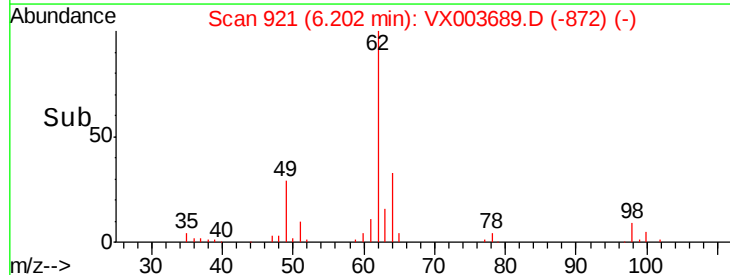
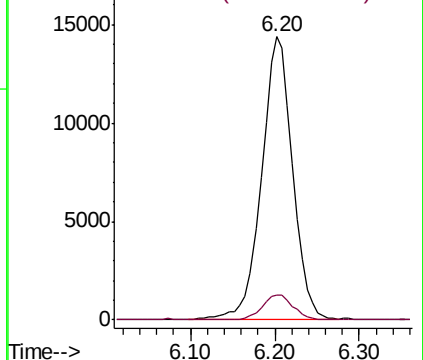


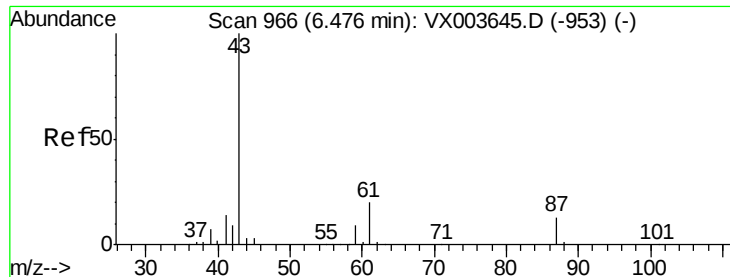
#42
1,2-Dichloroethane
Concen: 18.92 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion:	62	Resp:	36418
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 18.18 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

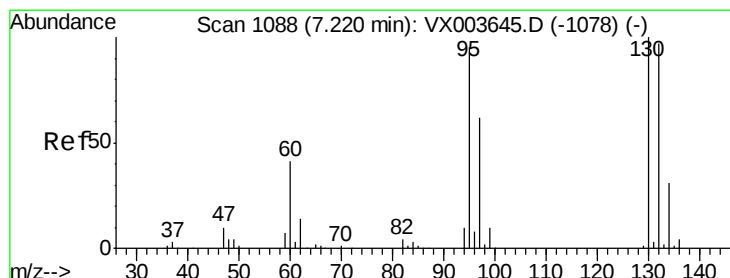
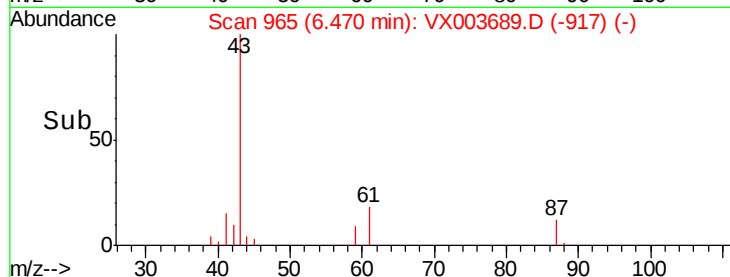
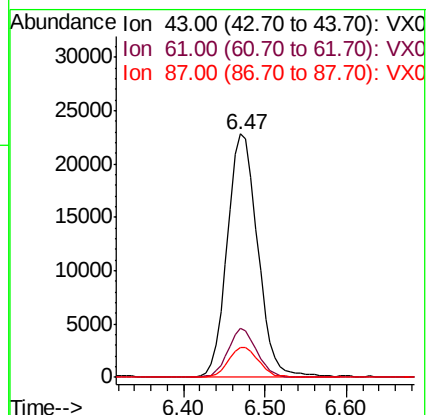
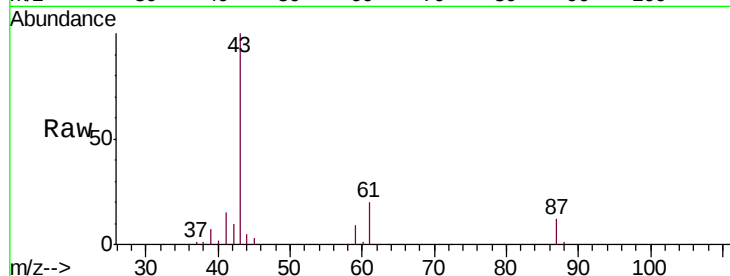
Tot Ion: 43 Resp: 58919

Ion Ratio Lower Upper

43 100

61 19.0 15.9 23.9

87 12.2 10.1 15.1



#44

Trichloroethene

Concen: 17.78 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003689.D

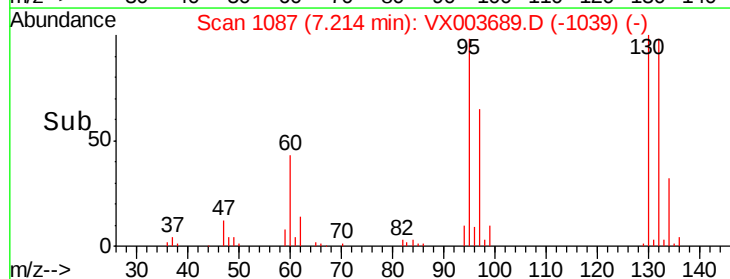
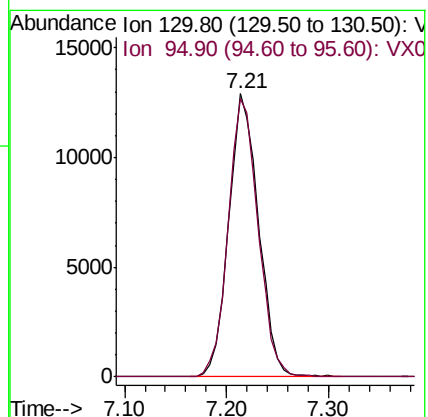
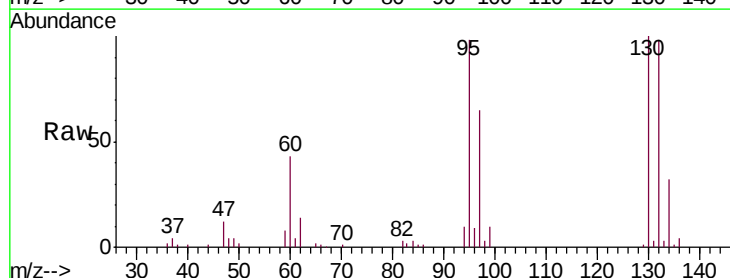
Acq: 27 Jul 2018 00:40

Tgt Ion:130 Resp: 26071

Ion Ratio Lower Upper

130 100

95 98.4 0.0 190.0

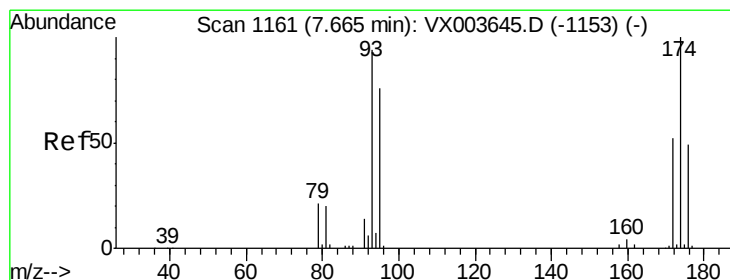
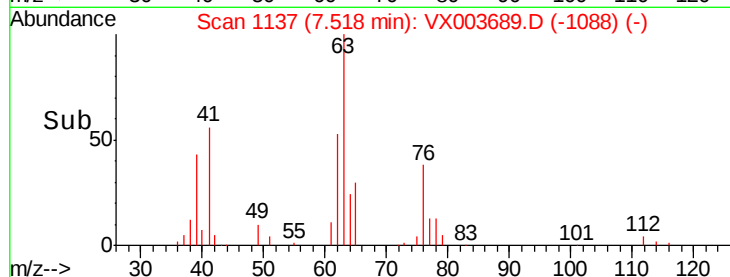
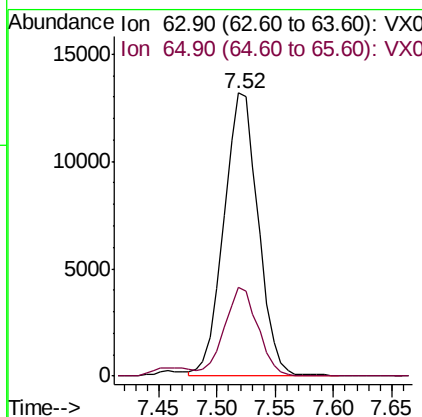
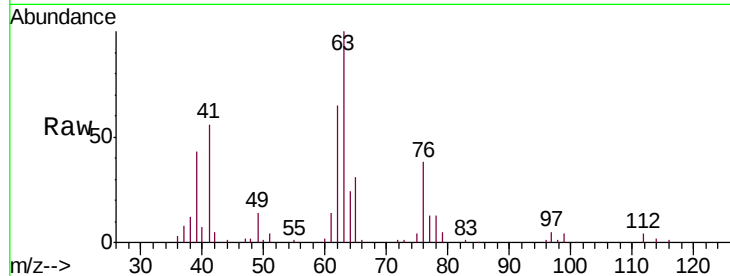




#45
 1,2-Dichloropropane
 Concen: 19.19 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

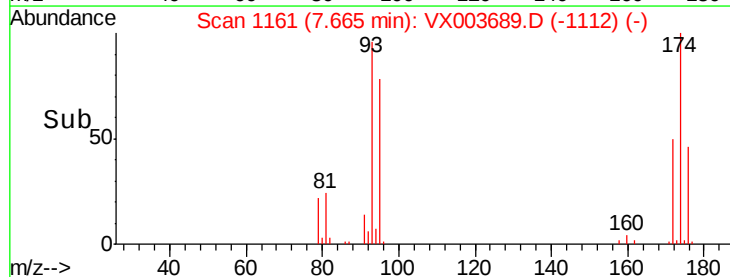
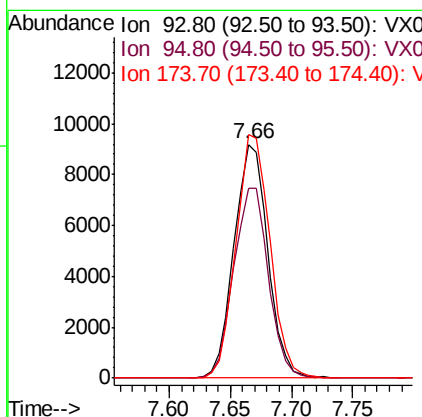
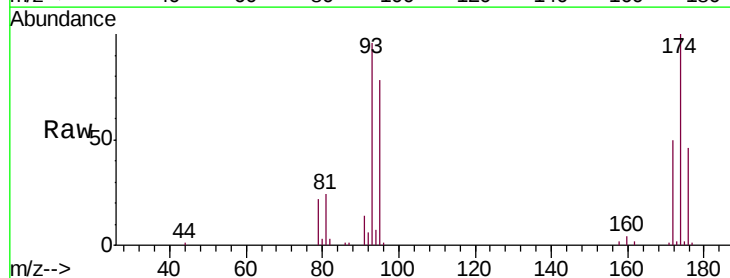
Instrument :
 MSVOA_X
 ClientSampled :
 VX0726WBS02

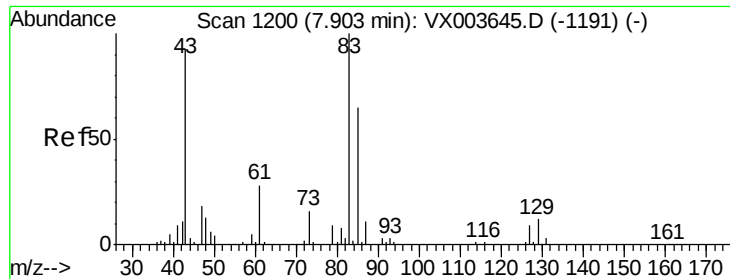
Tot Ion: 63 Resp: 27119
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.0 36.0



#46
 Dibromomethane
 Concen: 19.33 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion: 93 Resp: 17551
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 105.5 89.6 134.4





#47

Bromodichloromethane

Concen: 18.59 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

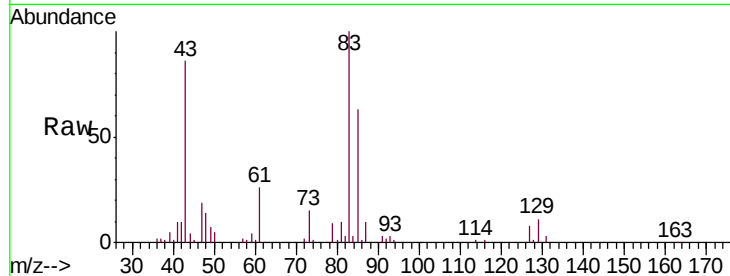
Tot Ion: 83 Resp: 31640

Ion Ratio Lower Upper

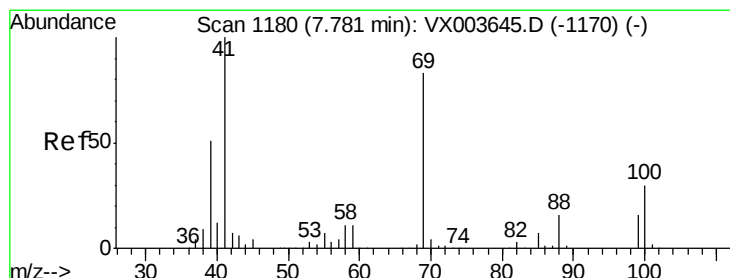
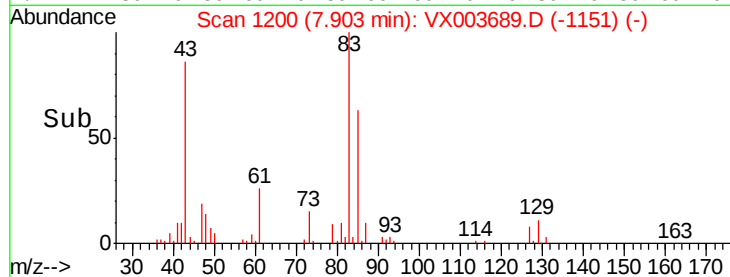
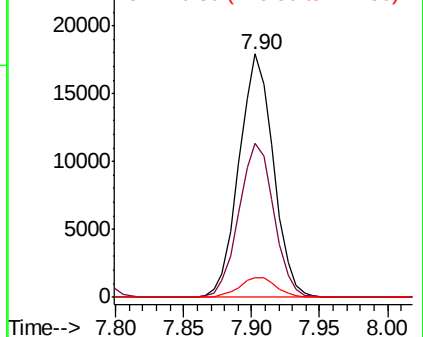
83 100

85 63.3 51.8 77.6

127 8.3 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.75 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

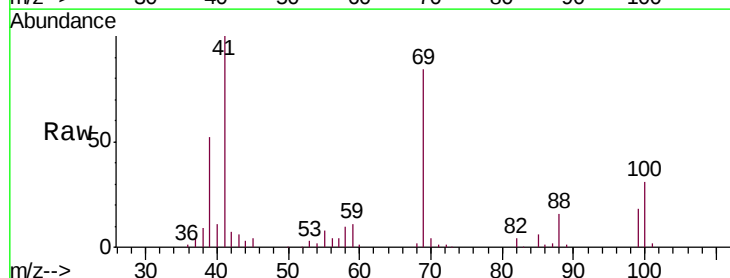
Tgt Ion: 41 Resp: 32478

Ion Ratio Lower Upper

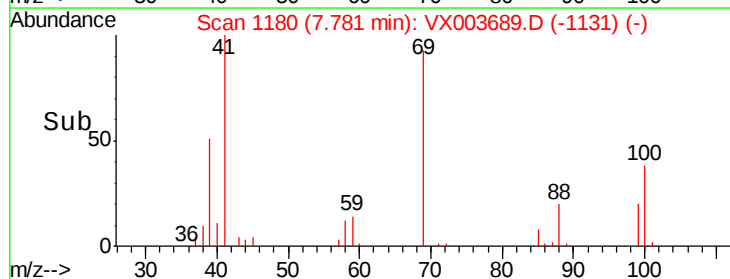
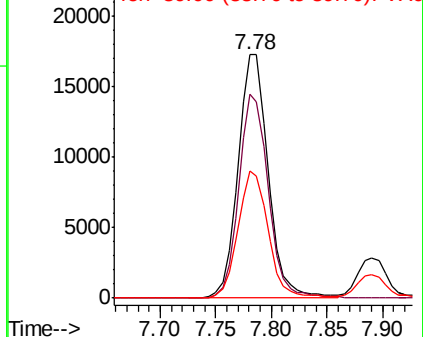
41 100

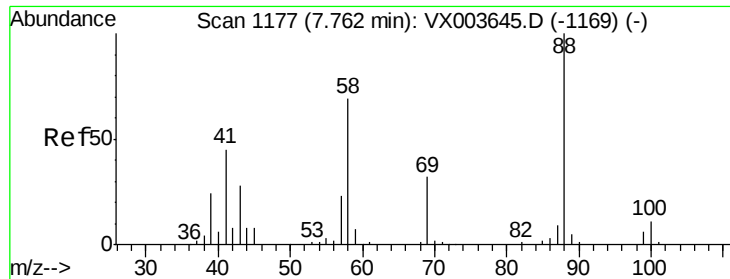
69 81.6 66.9 100.3

39 52.4 41.2 61.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

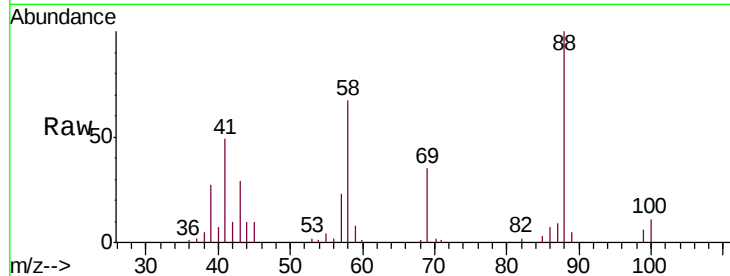




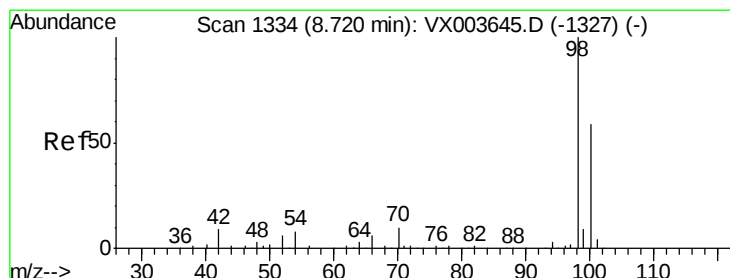
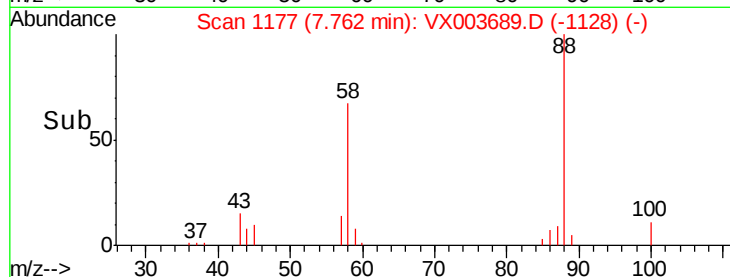
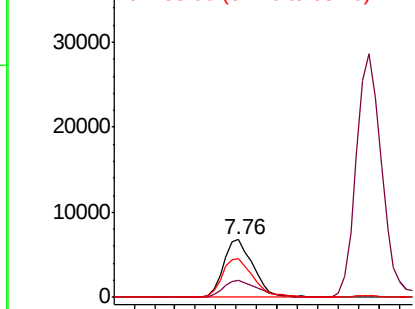
#49
1,4-Dioxane
Concen: 373.84 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 88 Resp: 13718
Ion Ratio Lower Upper
88 100
43 34.4 25.8 38.6
58 71.2 58.3 87.5

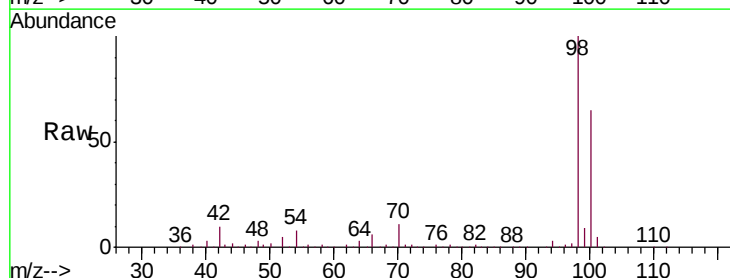


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

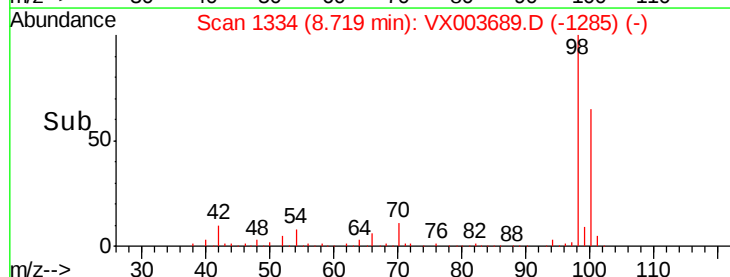
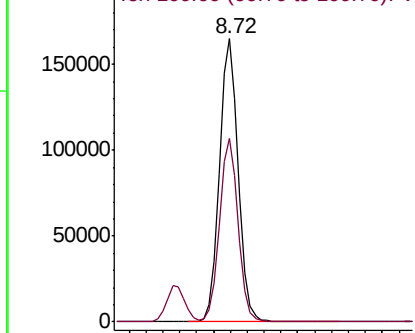


#50
Toluene-d8
Concen: 51.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 98 Resp: 253470
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



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

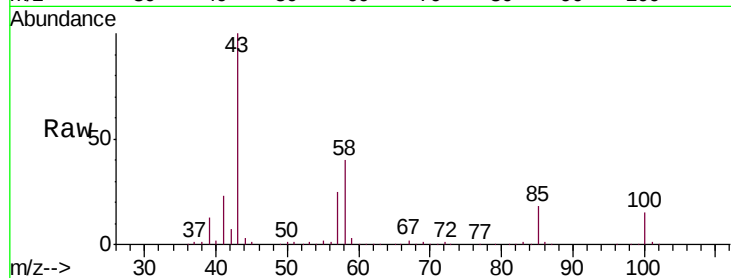




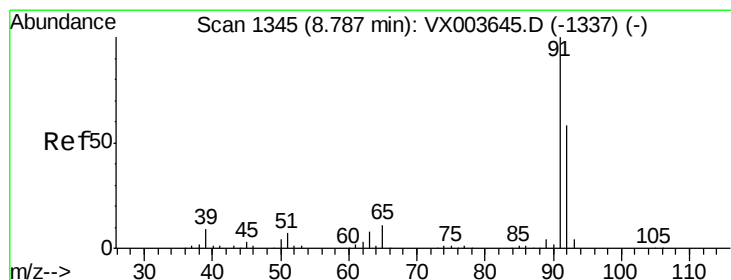
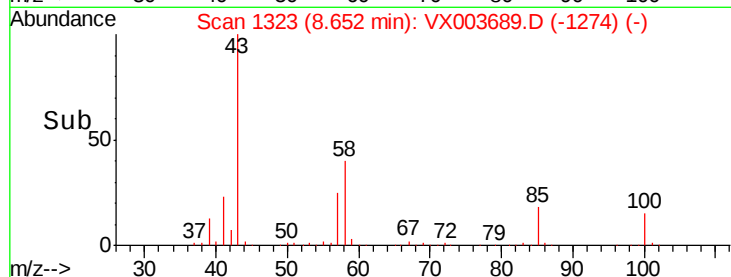
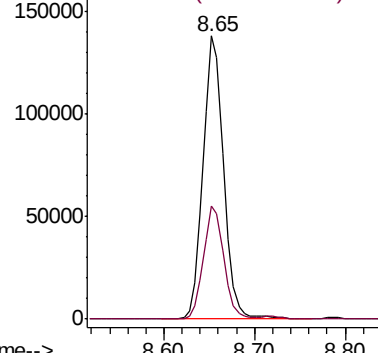
#51
4-Methyl-2-Pentanone
Concen: 99.78 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 43 Resp: 218213
Ion Ratio Lower Upper
43 100
58 39.2 31.5 47.3

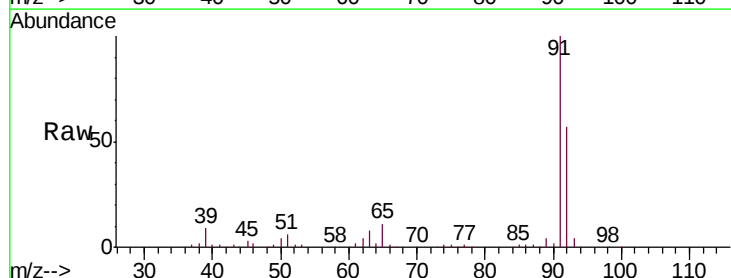


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

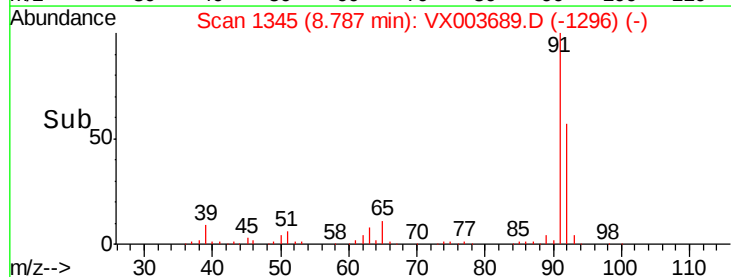
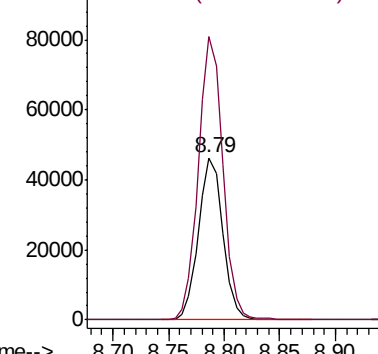


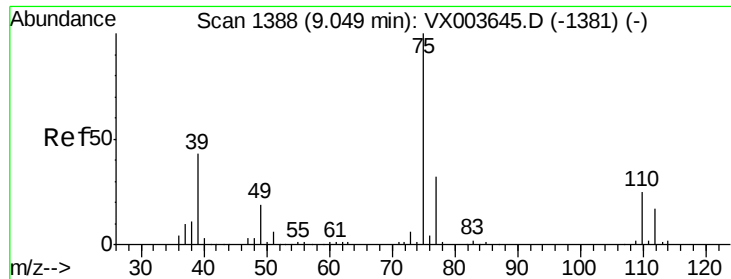
#52
Toluene
Concen: 20.72 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion: 92 Resp: 70431
Ion Ratio Lower Upper
92 100
91 175.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.08 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampled :

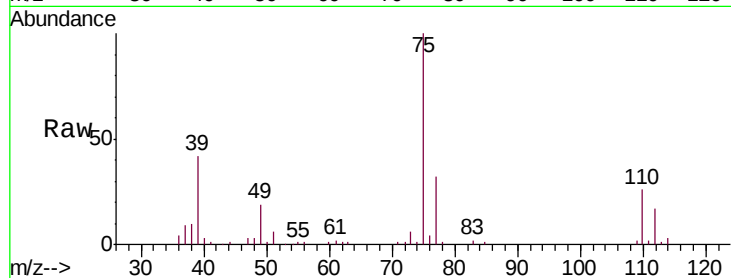
VX0726WBS02

Tot Ion: 75 Resp: 35965

Ion Ratio Lower Upper

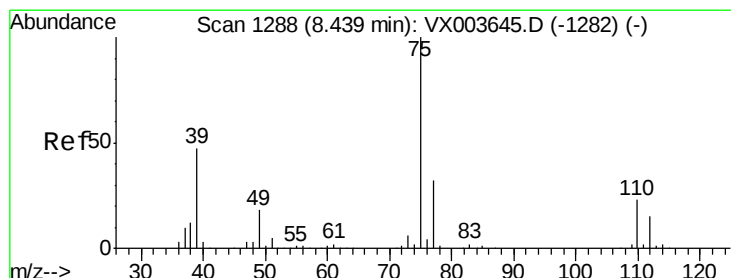
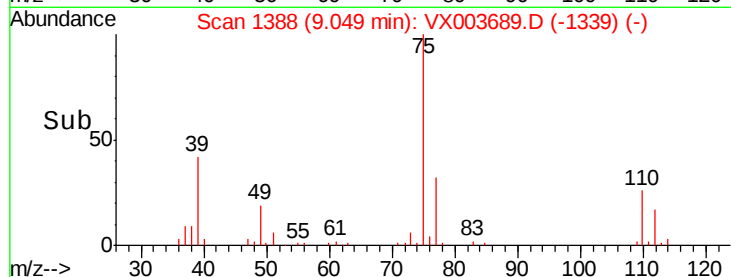
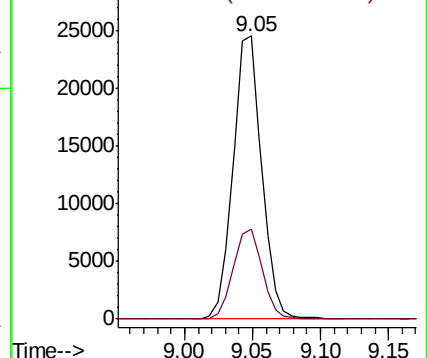
75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.50 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

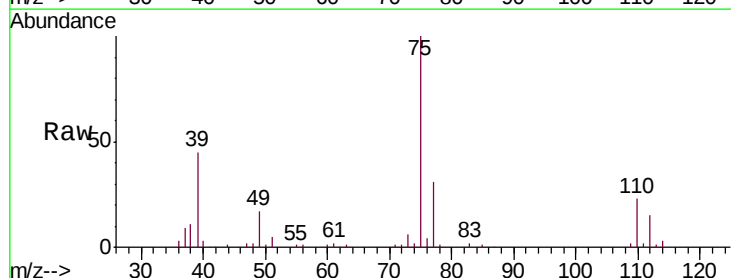
Tgt Ion: 75 Resp: 40436

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

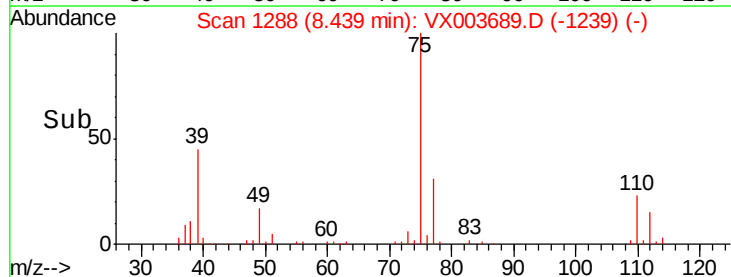
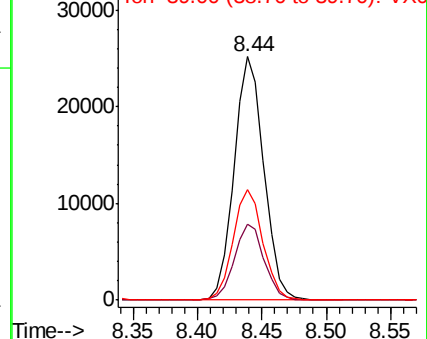
39 45.5 38.0 57.0

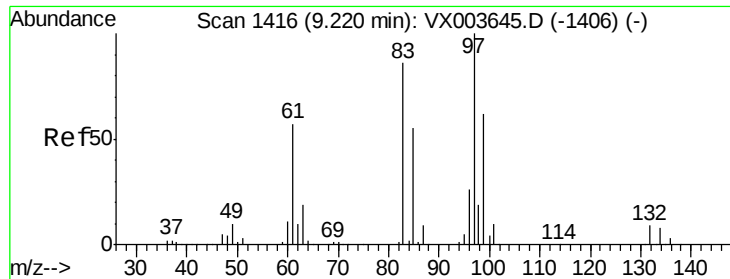


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

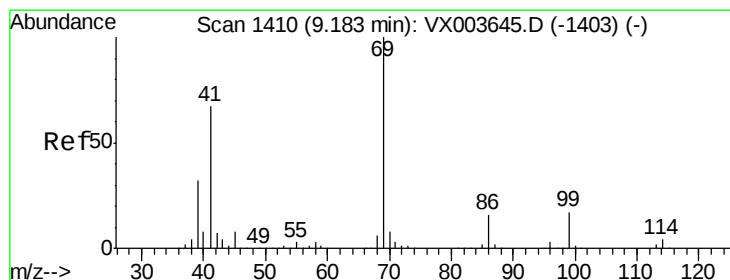
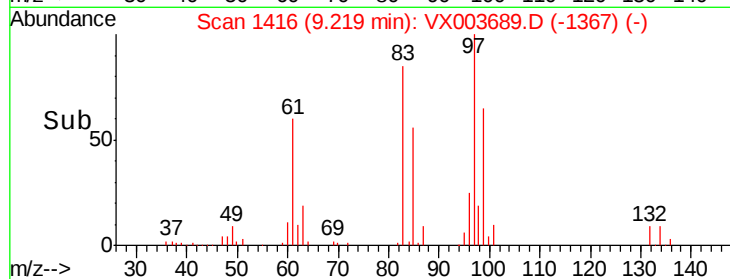
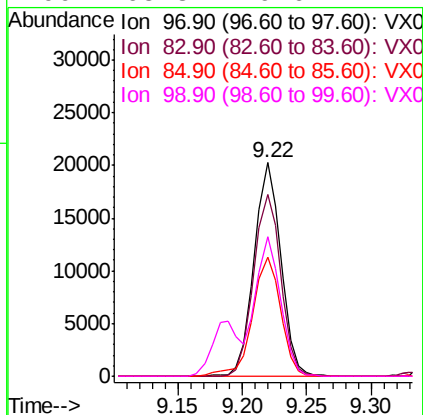
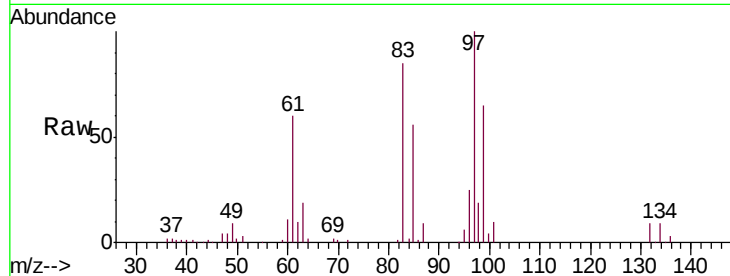




#55
 1,1,2-Trichloroethane
 Concen: 20.81 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

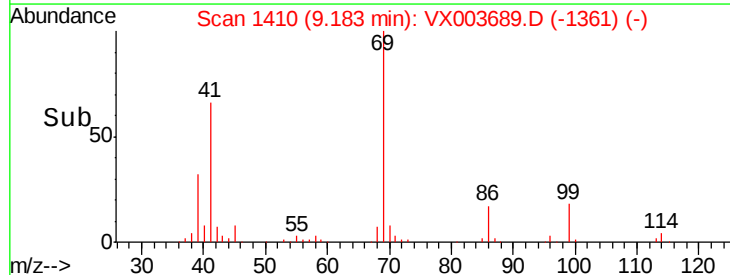
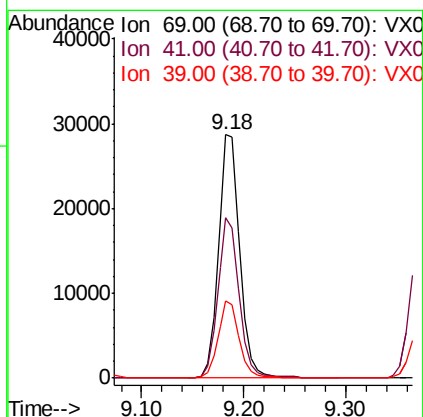
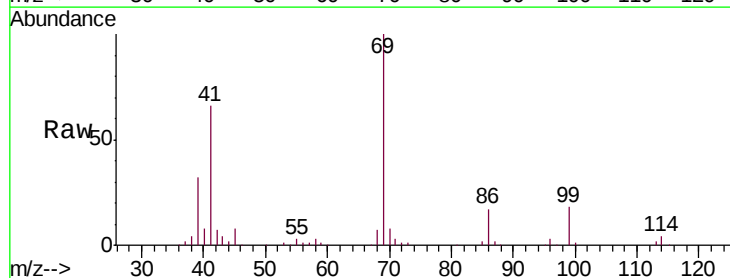
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

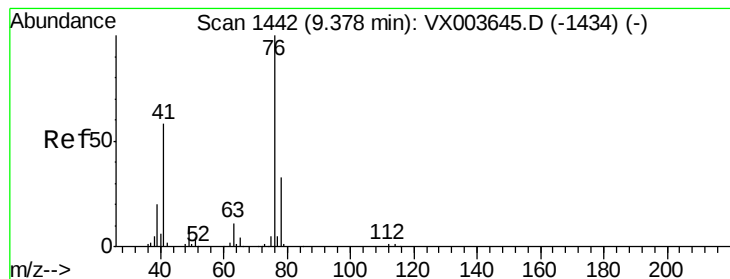
Tot Ion: 97 Resp: 28913
 Ion Ratio Lower Upper
 97 100
 83 85.4 68.7 103.1
 85 55.6 43.7 65.5
 99 65.3 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 20.27 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion: 69 Resp: 41906
 Ion Ratio Lower Upper
 69 100
 41 66.2 53.8 80.6
 39 31.7 25.8 38.8





#57

1,3-Dichloropropane

Concen: 20.90 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

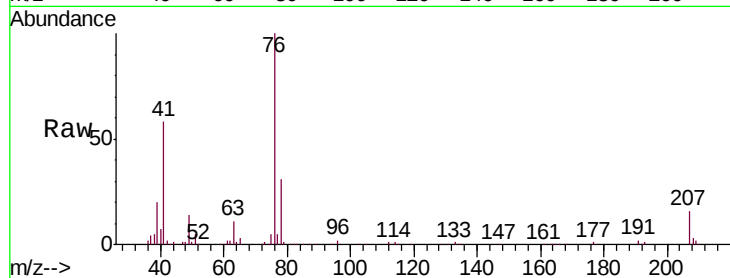
VX0726WBS02

Tot Ion: 76 Resp: 48764

Ion Ratio Lower Upper

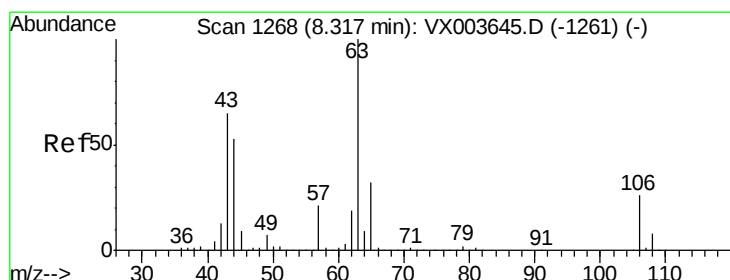
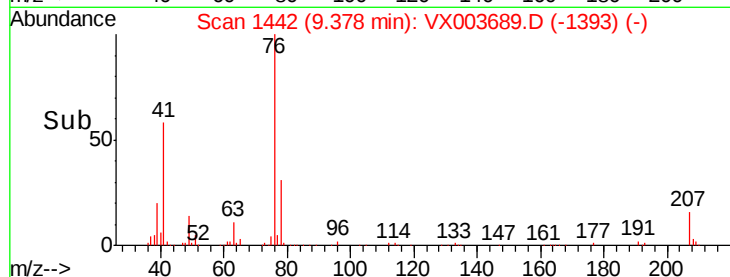
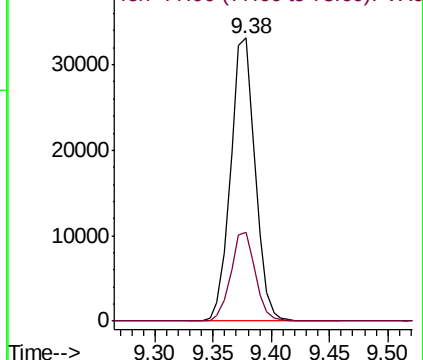
76 100

78 31.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.36 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003689.D

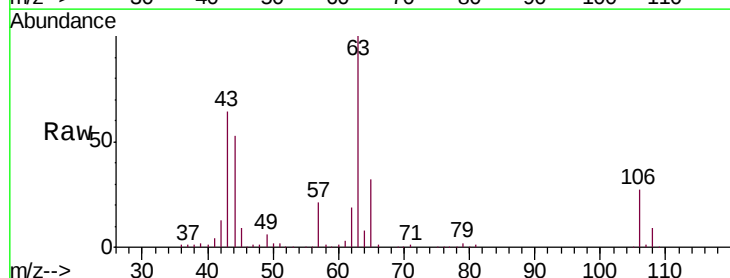
Acq: 27 Jul 2018 00:40

Tgt Ion: 63 Resp: 105311

Ion Ratio Lower Upper

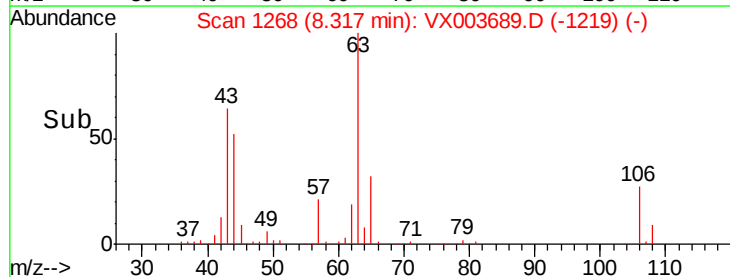
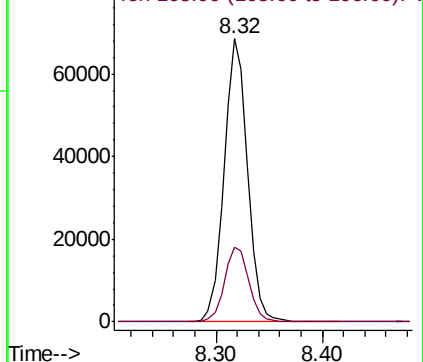
63 100

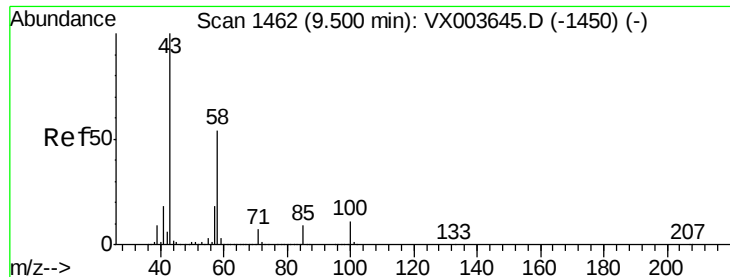
106 27.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

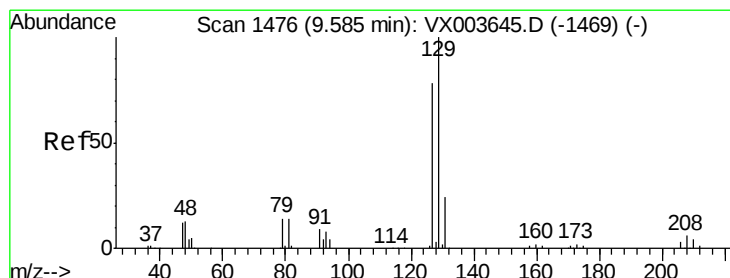
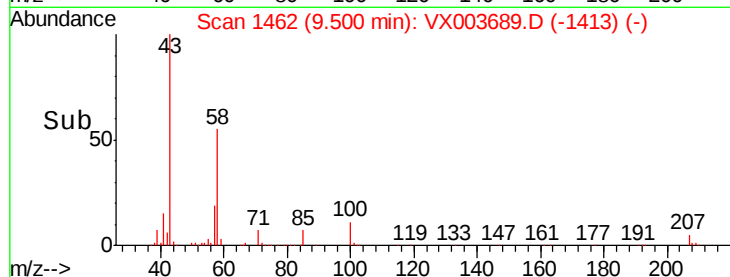
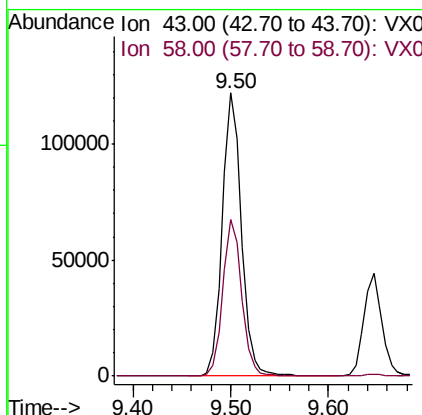
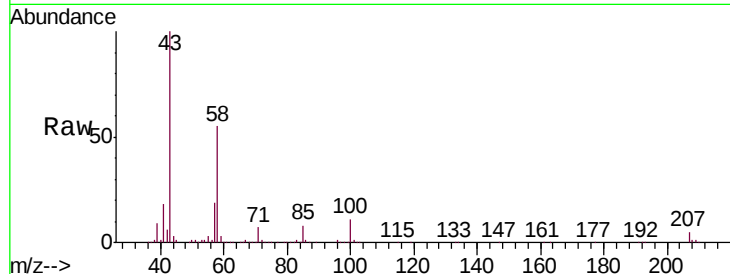




#59
2-Hexanone
Concen: 99.03 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

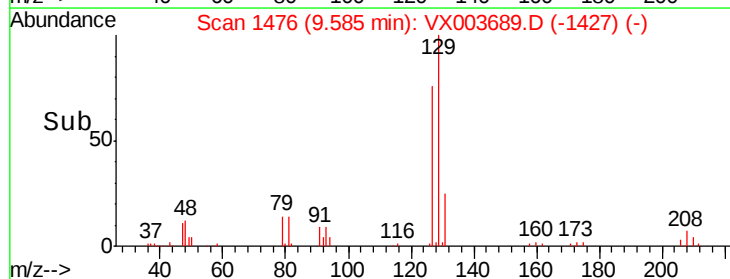
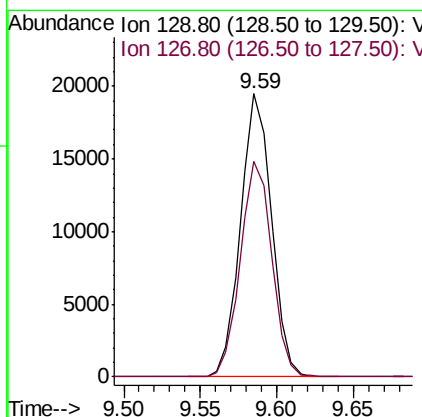
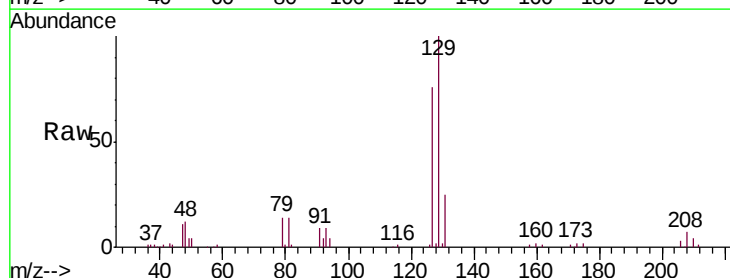
Instrument :
MSVOA_X
ClientSampled :
VX0726WBS02

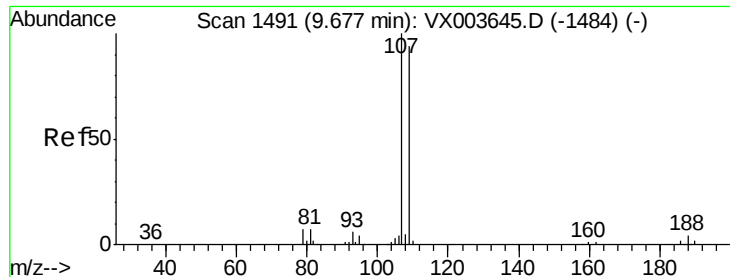
Tot Ion: 43 Resp: 166133
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.9



#60
Dibromochloromethane
Concen: 20.83 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion:129 Resp: 27448
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.50 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

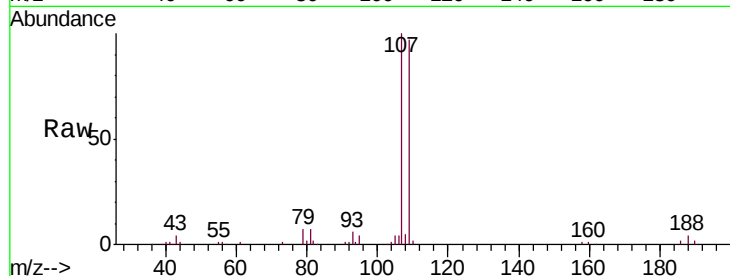
VX0726WBS02

Tot Ion:107 Resp: 29651

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

15000

10000

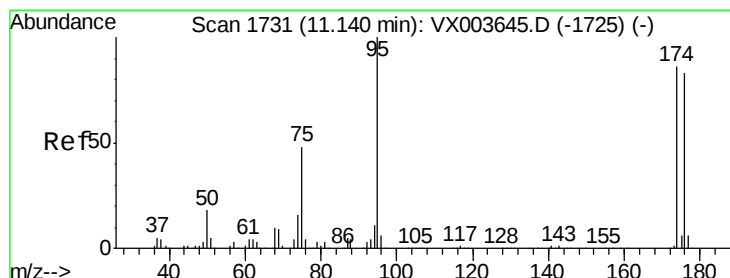
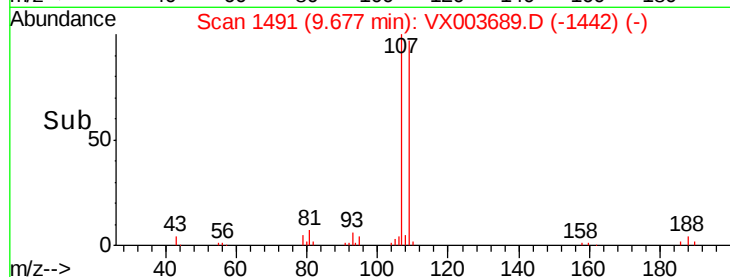
5000

0

Time-->

9.60 9.65 9.70 9.75

9.68



#62

4-Bromofluorobenzene

Concen: 50.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

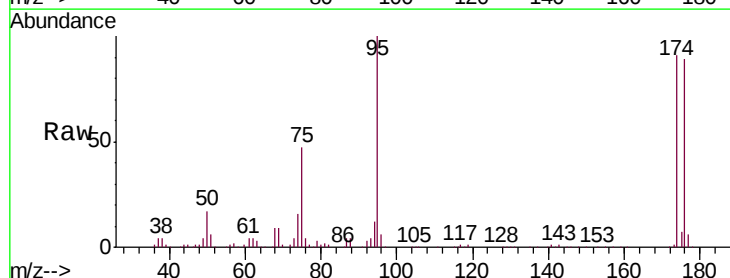
Tgt Ion: 95 Resp: 91057

Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.0

176 89.4 0.0 173.0



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

100000

80000

60000

40000

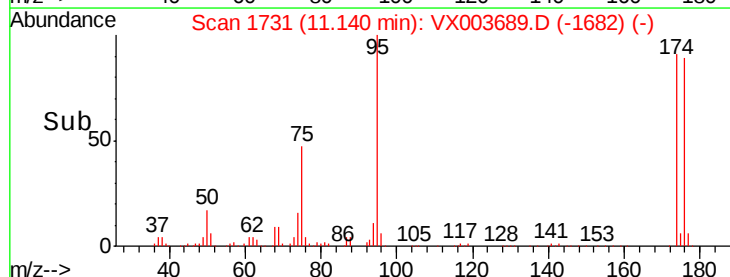
20000

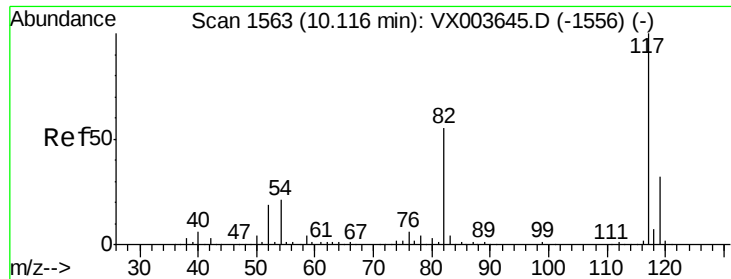
0

Time-->

11.10 11.20

11.14

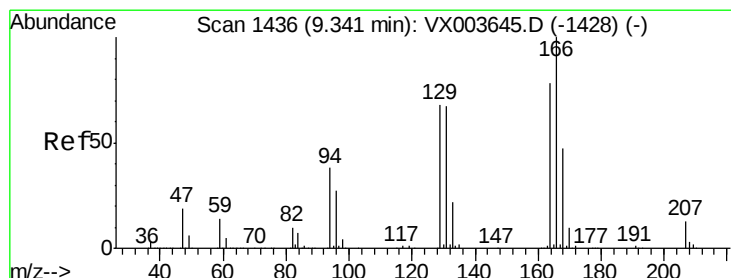
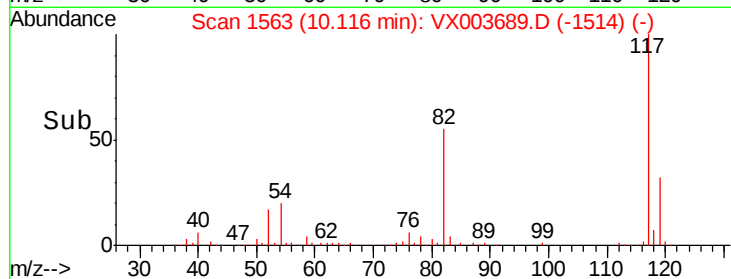
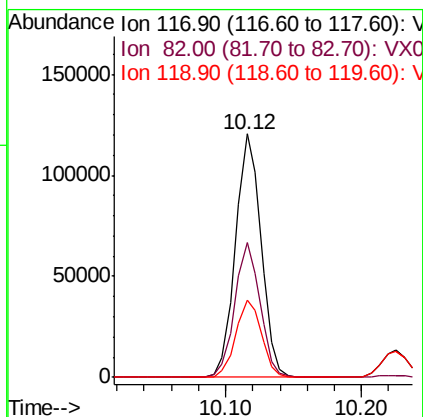
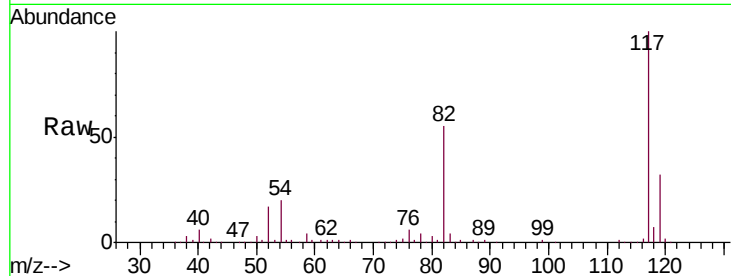




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

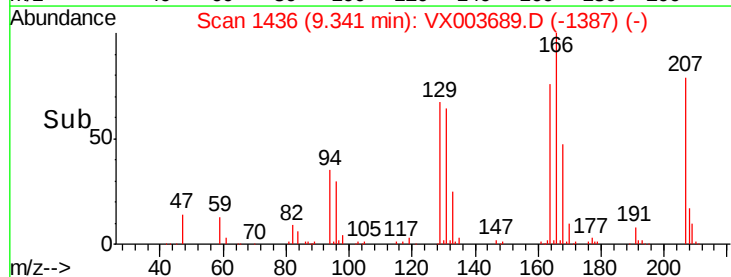
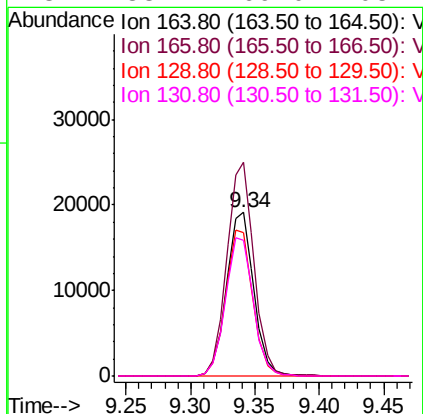
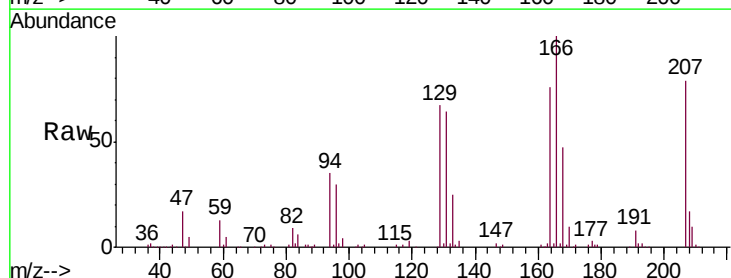
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

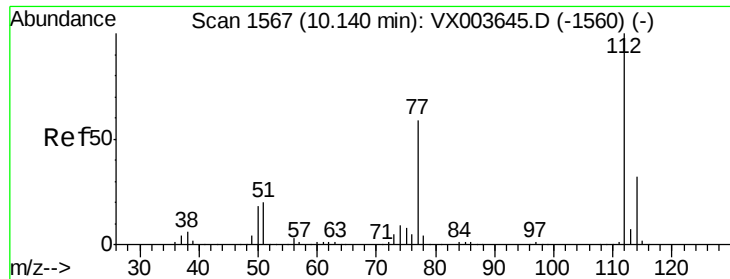
Tot Ion:117 Resp: 158000
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 19.69 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion:164 Resp: 28448
Ion Ratio Lower Upper
164 100
166 130.8 102.4 153.6
129 88.2 69.6 104.4
131 83.4 69.0 103.4

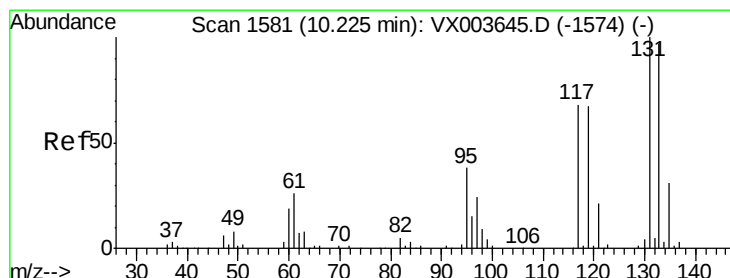
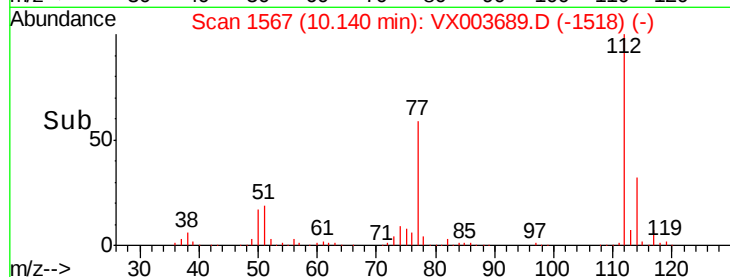
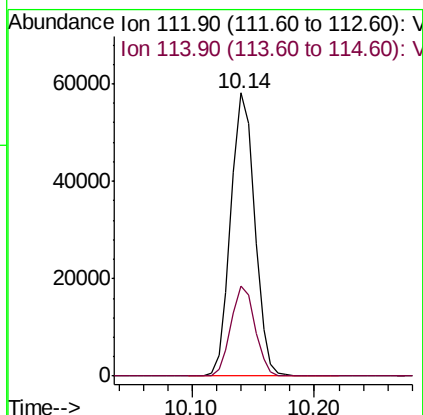
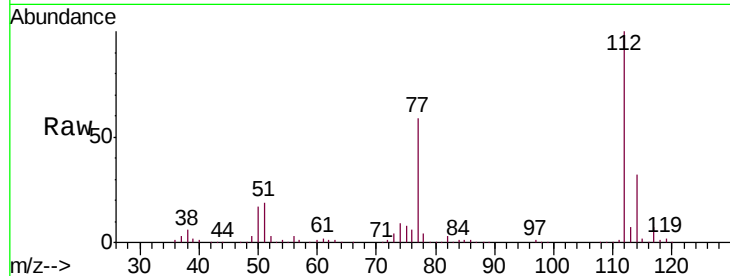




#65
Chlorobenzene
Concen: 19.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

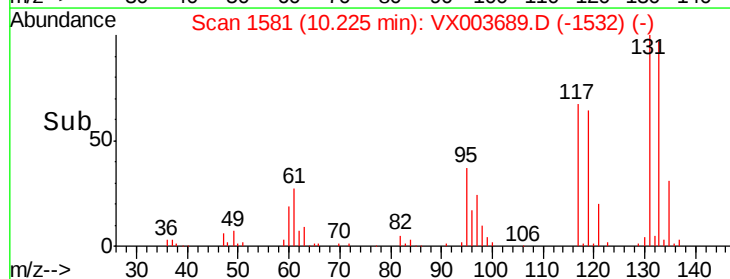
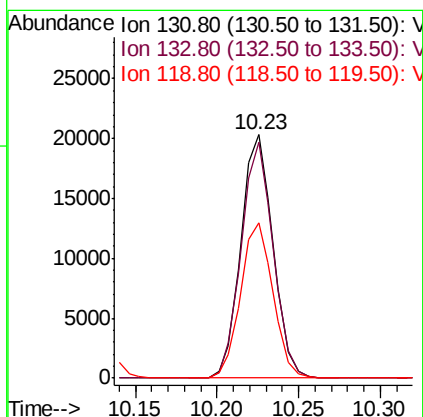
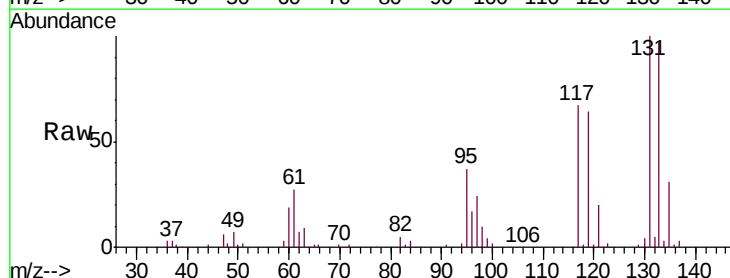
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

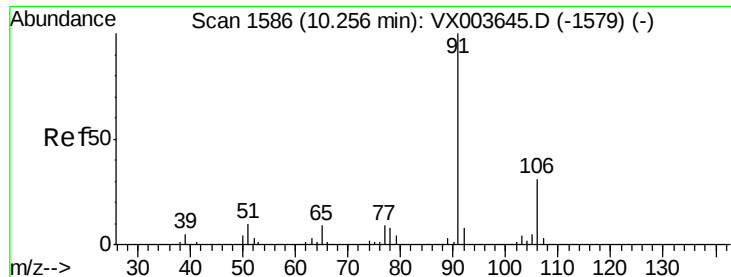
Tot Ion:112 Resp: 78740
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.13 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion:131 Resp: 27831
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 64.3 32.8 98.4





#67

Ethyl Benzene

Concen: 19.46 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

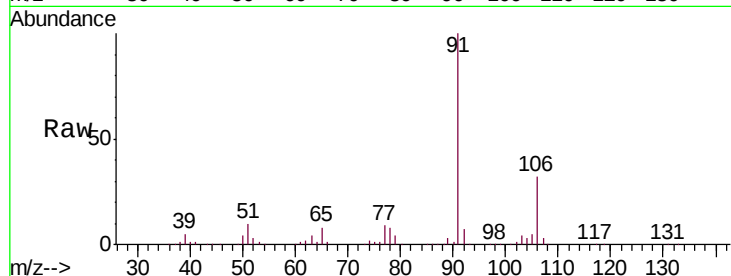
VX0726WBS02

Tot Ion: 91 Resp: 129549

Ion Ratio Lower Upper

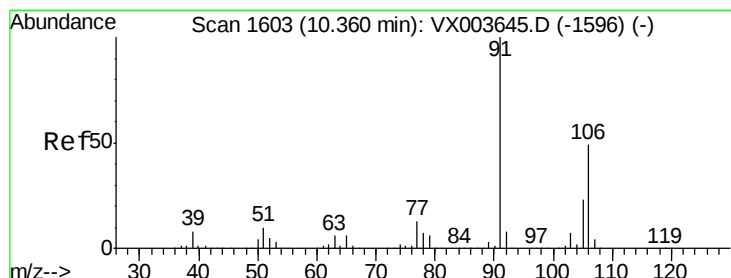
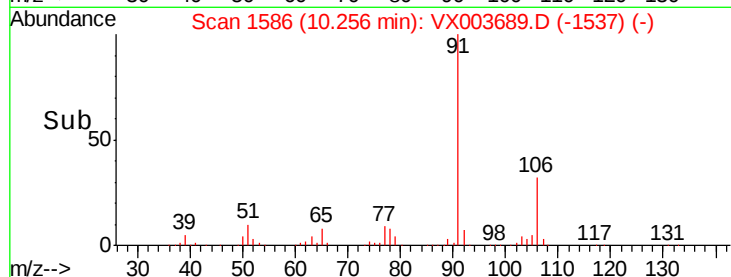
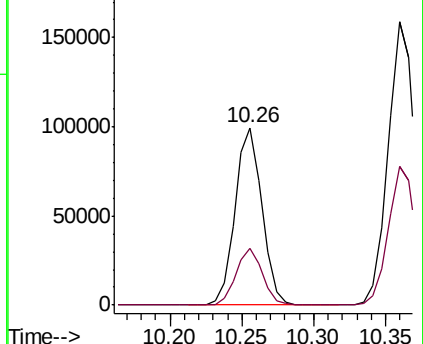
91 100

106 32.0 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.13 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003689.D

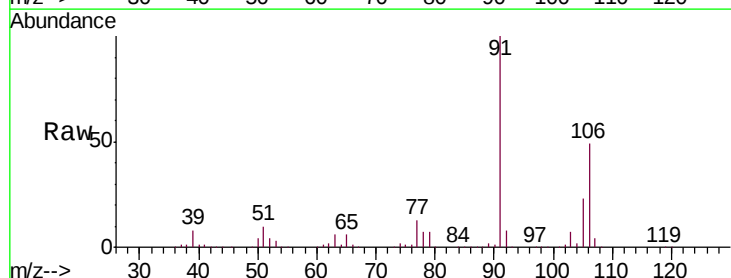
Acq: 27 Jul 2018 00:40

Tgt Ion:106 Resp: 102472

Ion Ratio Lower Upper

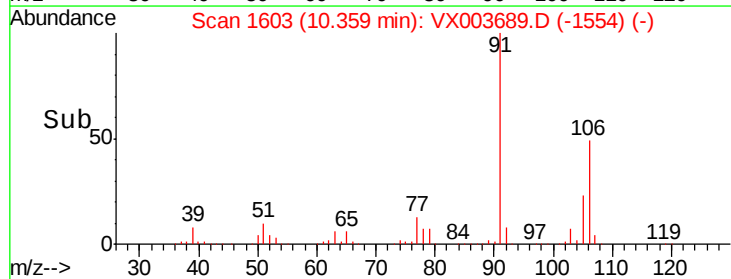
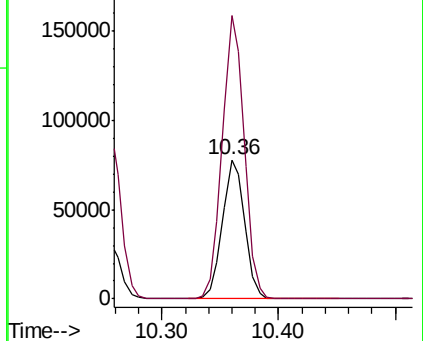
106 100

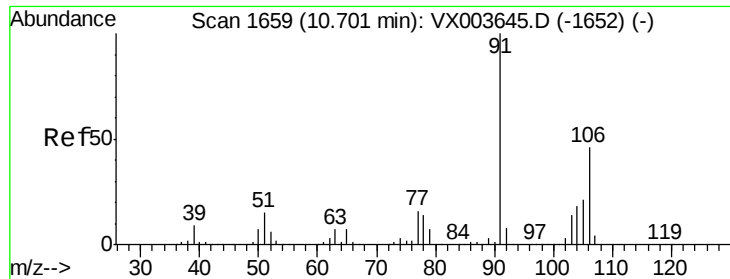
91 202.2 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

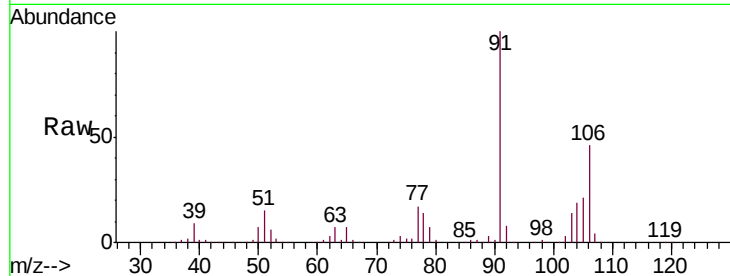




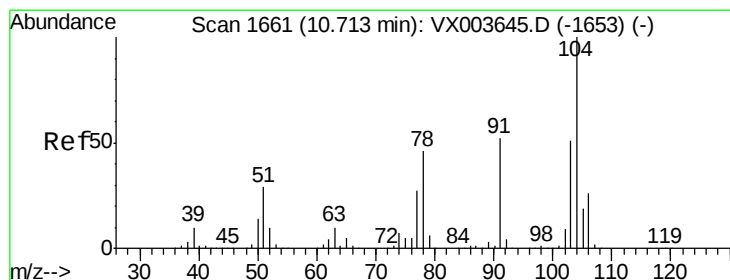
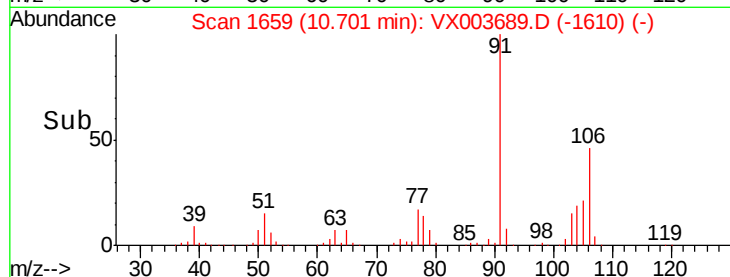
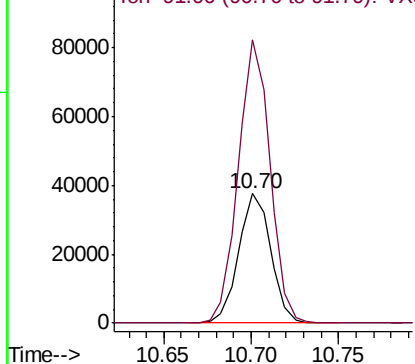
#69
o-Xylene
Concen: 19.57 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Instrument :
MSVOA_X
ClientSampled :
VX0726WBS02

Tot Ion:106 Resp: 48112
Ion Ratio Lower Upper
106 100
91 216.7 107.1 321.1

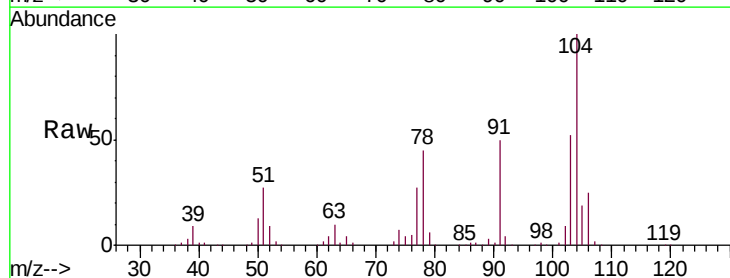


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

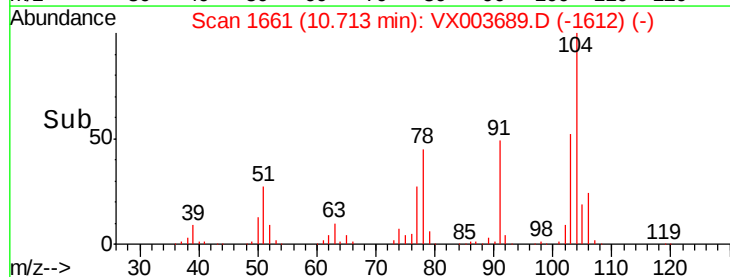
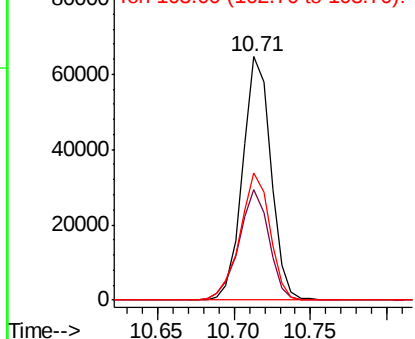


#70
Styrene
Concen: 20.11 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003689.D
Acq: 27 Jul 2018 00:40

Tgt Ion:104 Resp: 83023
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 55.7 44.2 66.4



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





#71

Bromoform

Concen: 19.26 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

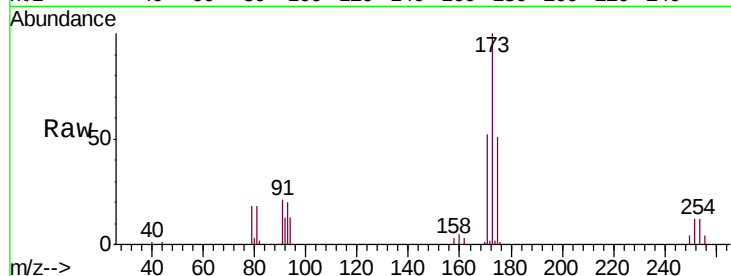
Tot Ion:173 Resp: 21050

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.2

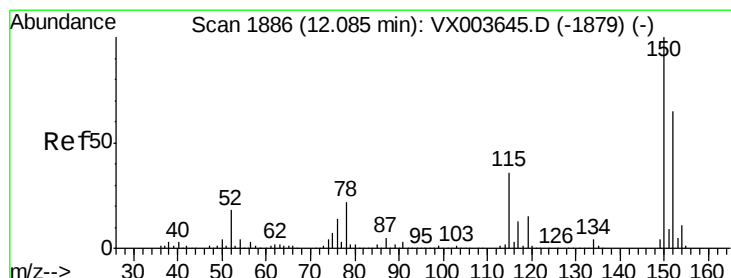
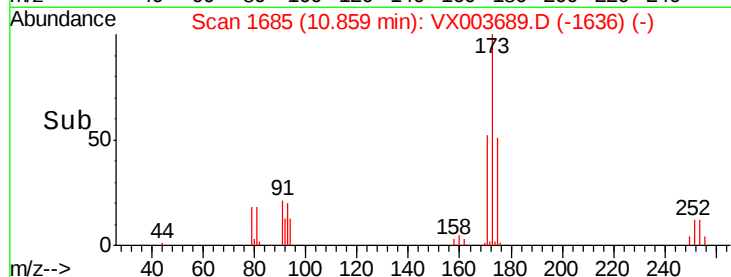
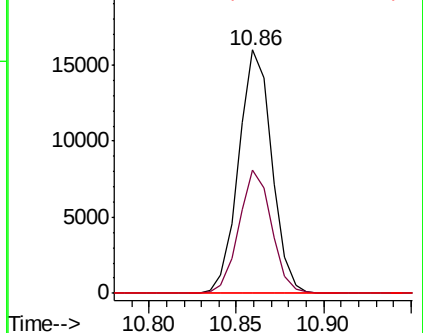
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

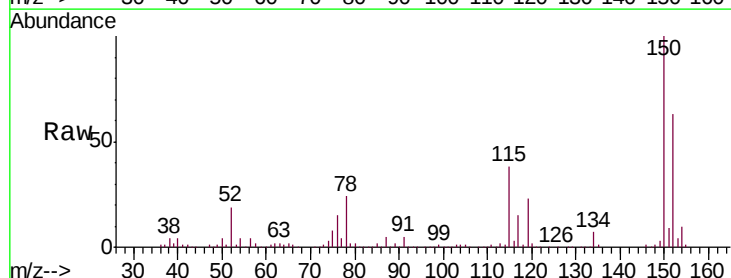
Tgt Ion:152 Resp: 94558

Ion Ratio Lower Upper

152 100

115 64.8 40.0 119.9

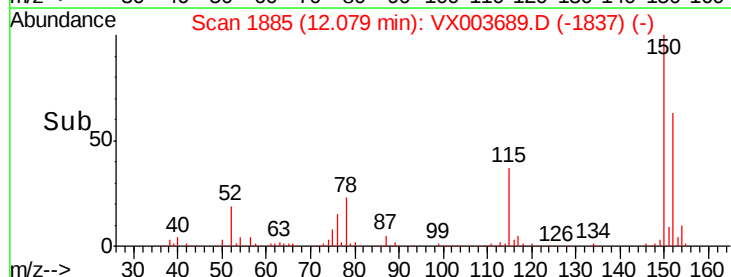
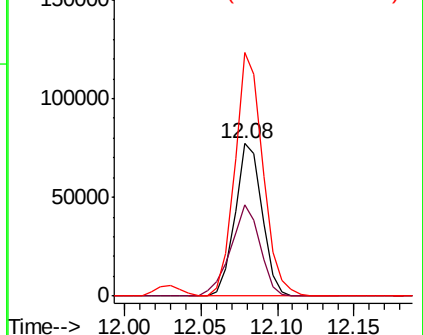
150 165.1 0.0 348.4

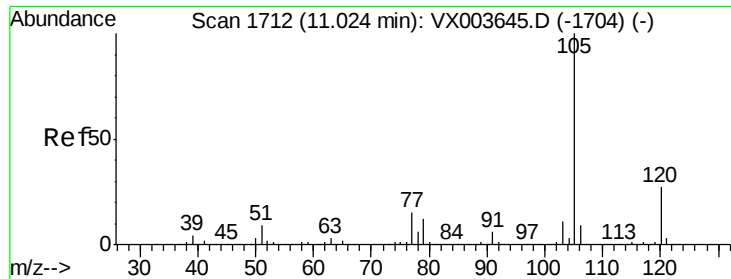


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.65 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

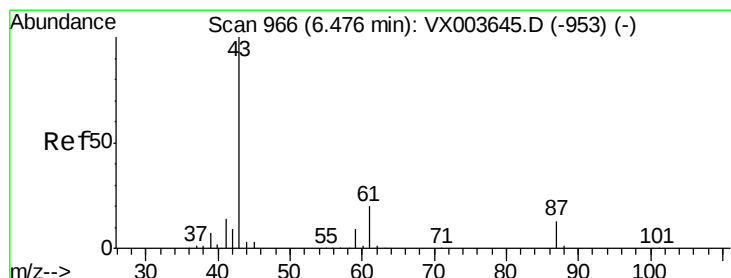
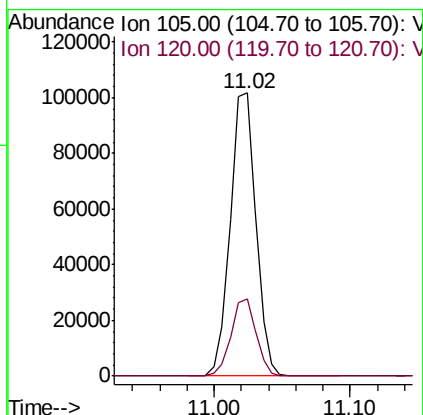
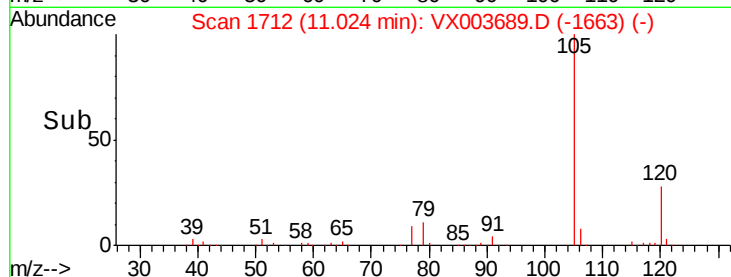
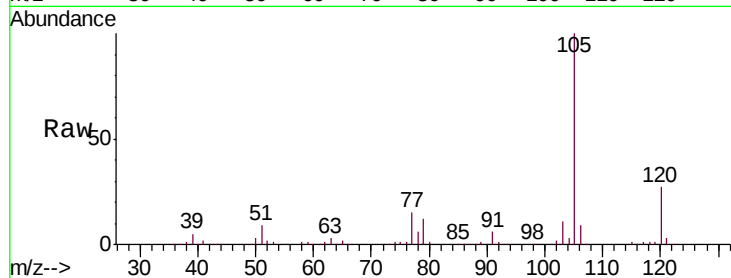
VX0726WBS02

Tot Ion:105 Resp: 133379

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 17.49 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Tgt Ion: 43 Resp: 58919

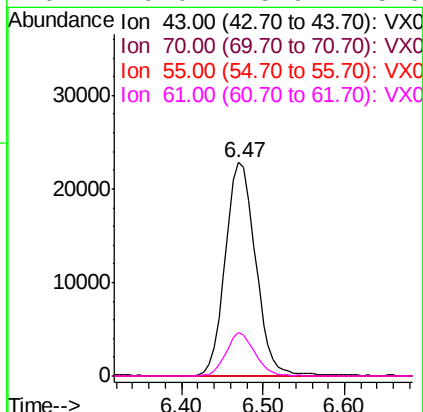
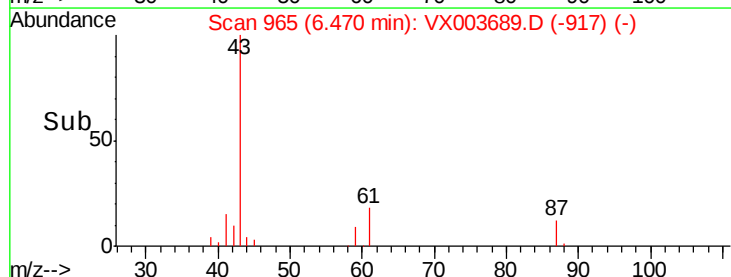
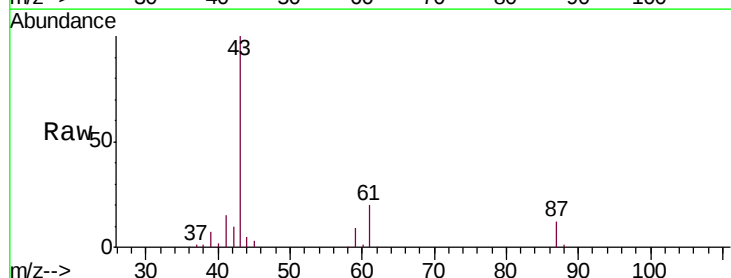
Ion Ratio Lower Upper

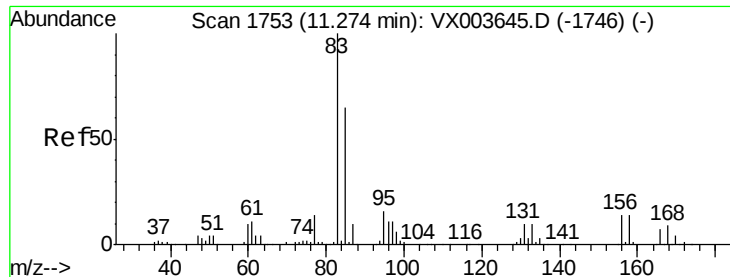
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.0 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

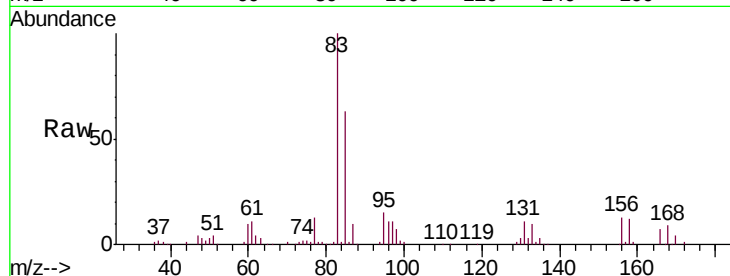
Tot Ion: 83 Resp: 46368

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

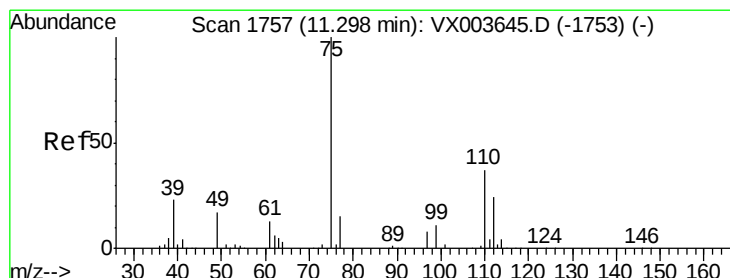
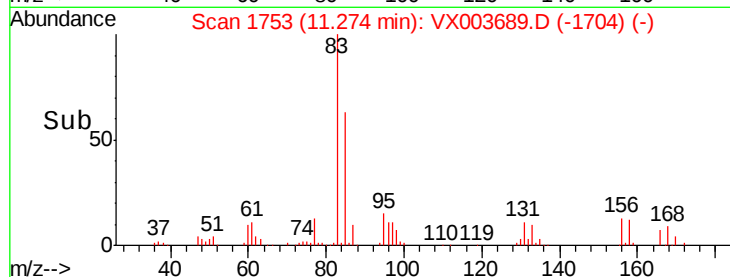
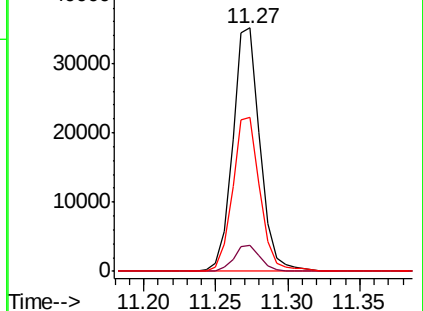
85 63.9 31.9 95.9



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: 25.39 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003689.D

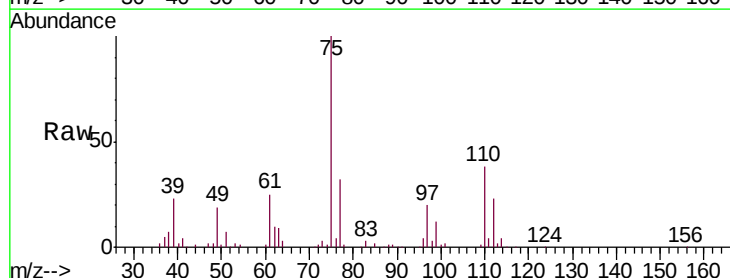
Acq: 27 Jul 2018 00:40

Tgt Ion: 75 Resp: 50349

Ion Ratio Lower Upper

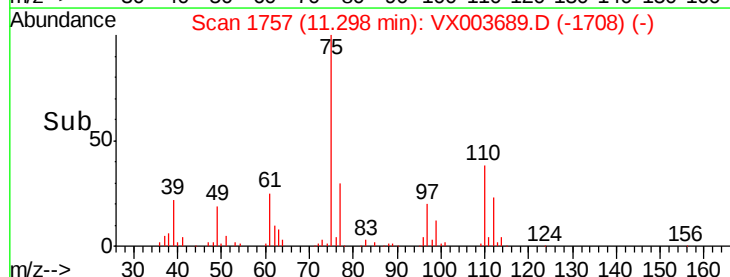
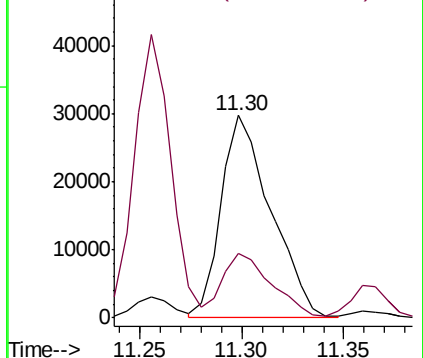
75 100

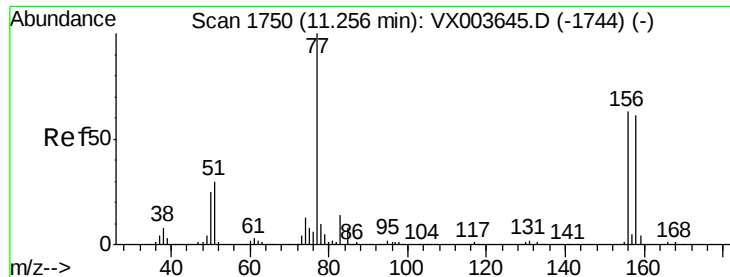
77 31.8 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.34 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

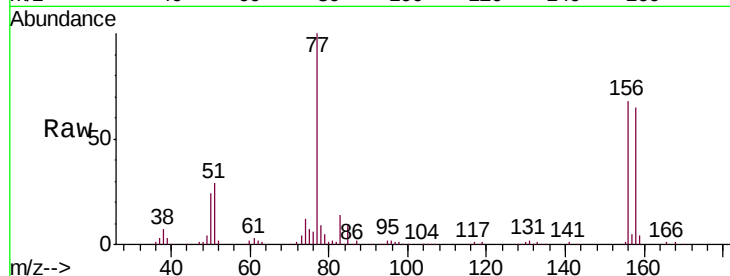
Tot Ion:156 Resp: 35683

Ion Ratio Lower Upper

156 100

77 145.3 74.9 224.6

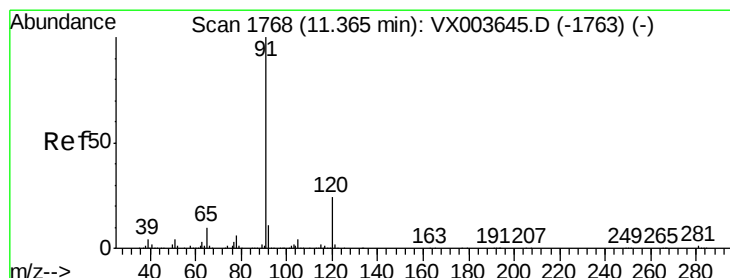
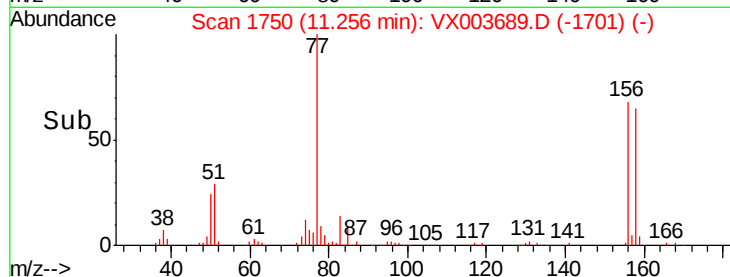
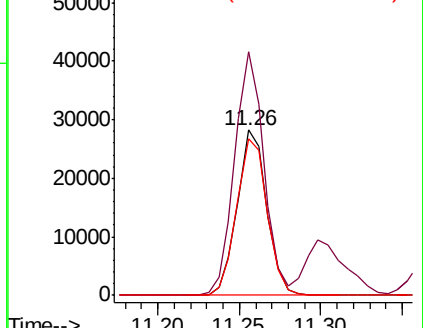
158 97.8 48.4 145.2



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: 20.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003689.D

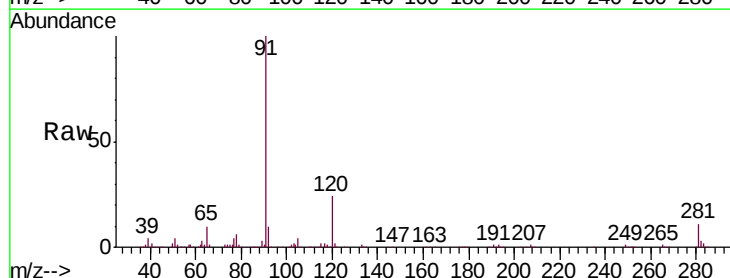
Acq: 27 Jul 2018 00:40

Tgt Ion: 91 Resp: 151968

Ion Ratio Lower Upper

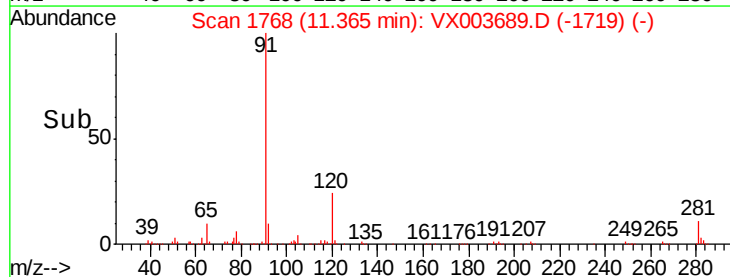
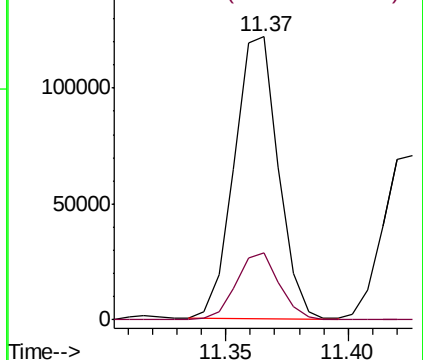
91 100

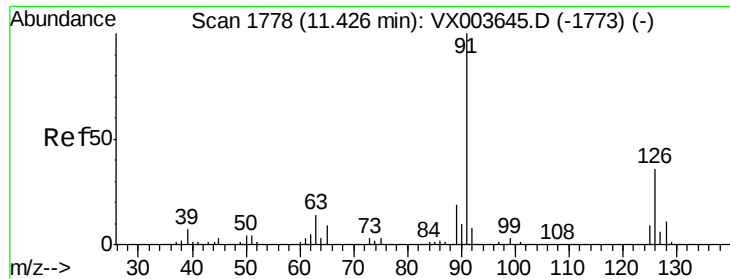
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

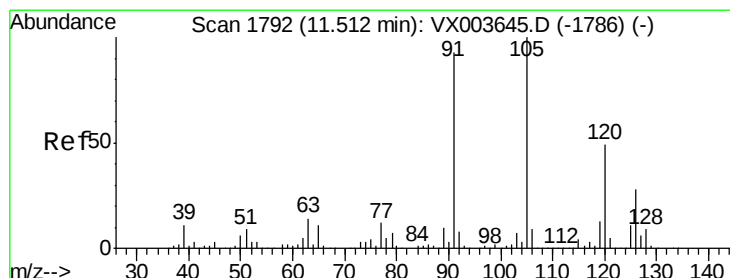
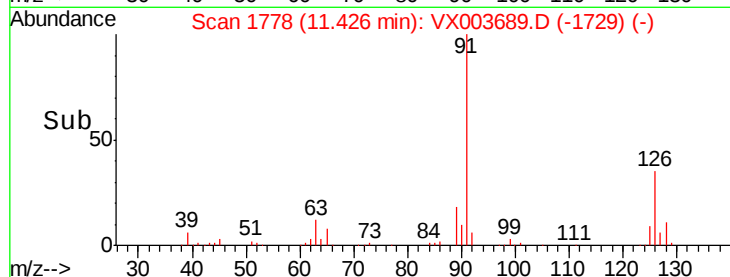
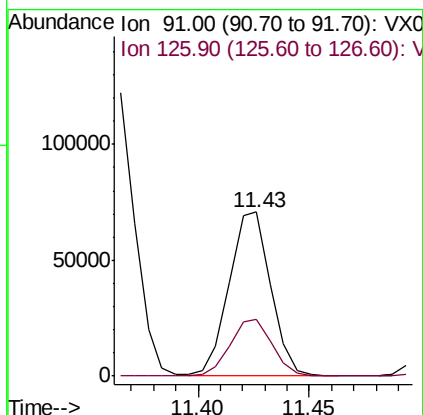
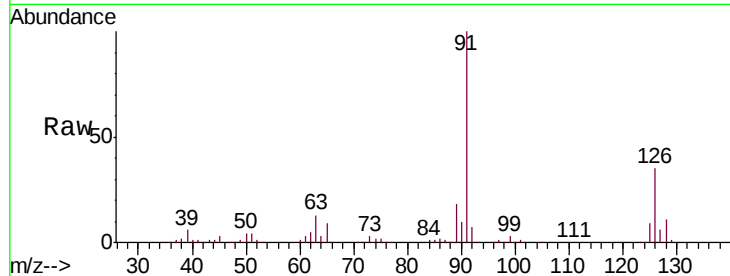




#79
 2-Chlorotoluene
 Concen: 20.23 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

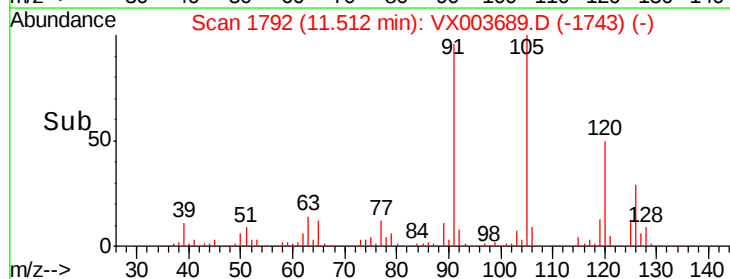
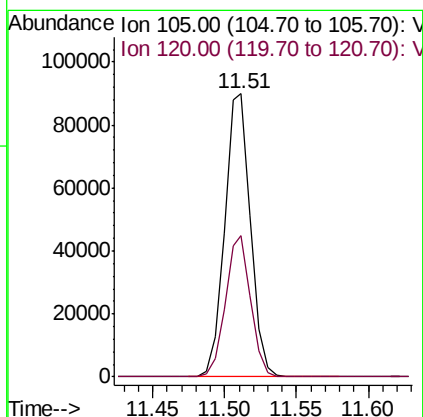
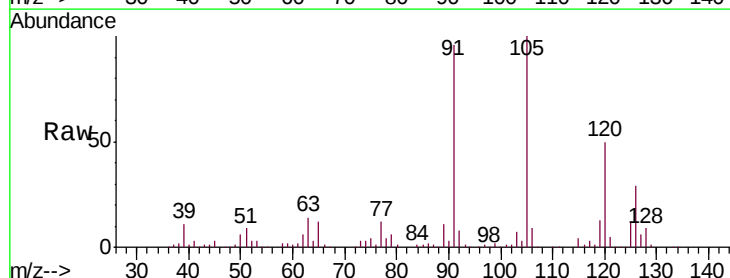
Instrument :
 MSVOA_X
 ClientSampled :
 VX0726WBS02

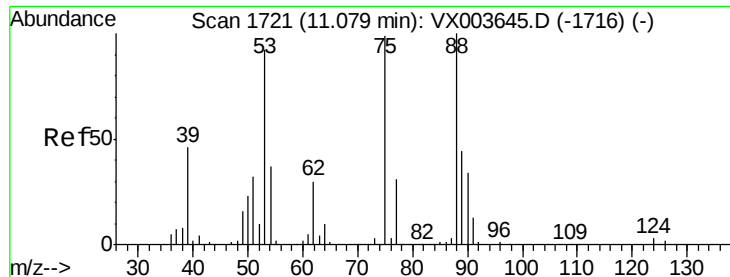
Tot Ion: 91 Resp: 91707
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.70 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion: 105 Resp: 113149
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.00 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

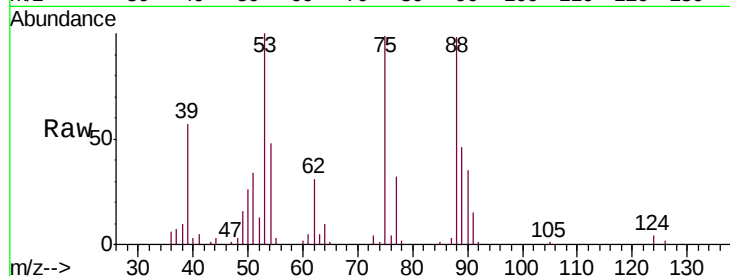
Tot Ion: 75 Resp: 10882

Ion Ratio Lower Upper

75 100

53 102.9 77.8 116.8

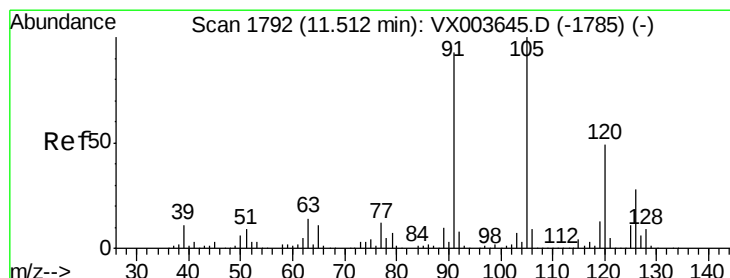
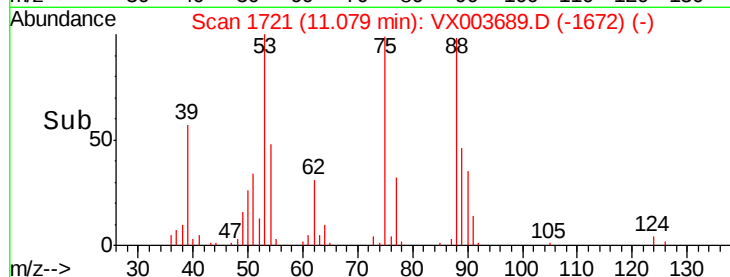
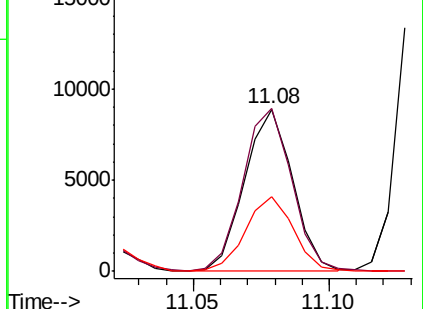
89 45.8 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003689.D

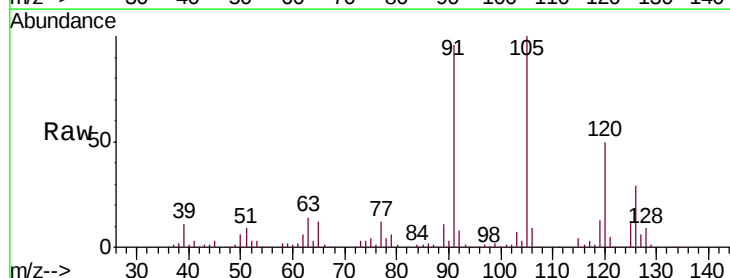
Acq: 27 Jul 2018 00:40

Tgt Ion: 91 Resp: 108239

Ion Ratio Lower Upper

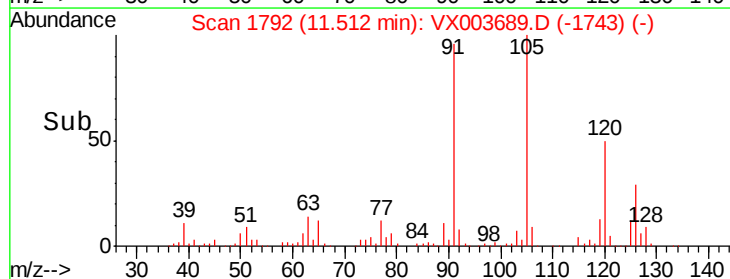
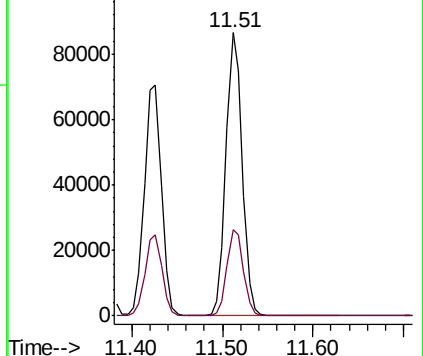
91 100

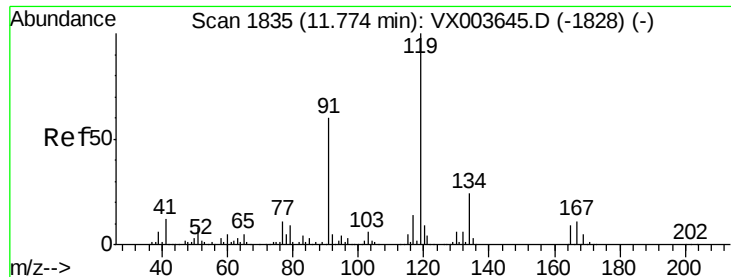
126 30.8 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

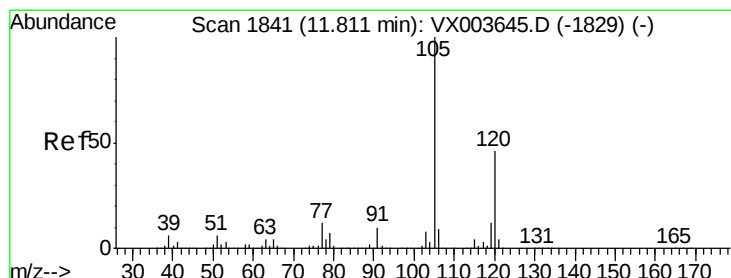
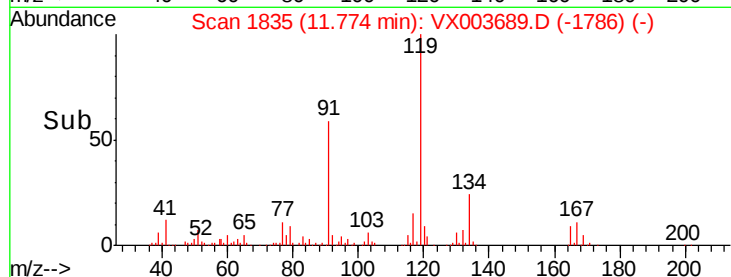
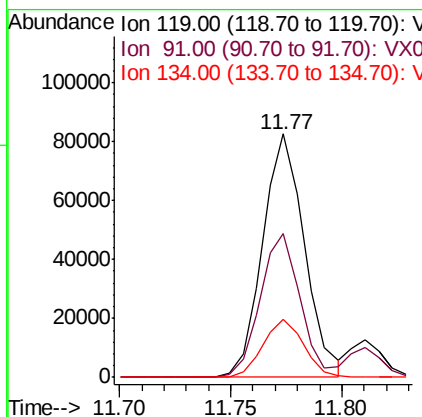
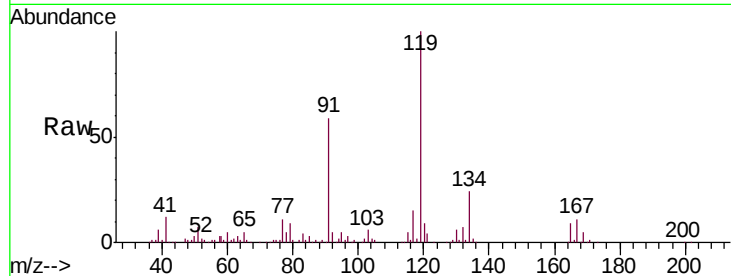




#83
 tert-Butylbenzene
 Concen: 20.18 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

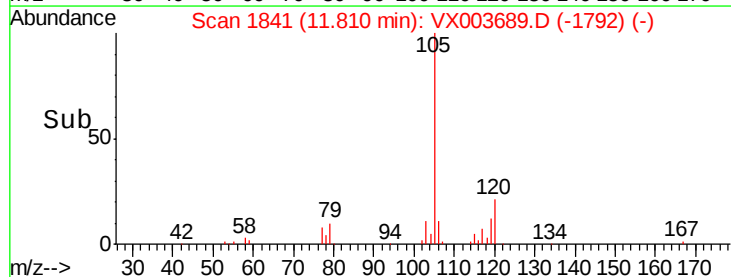
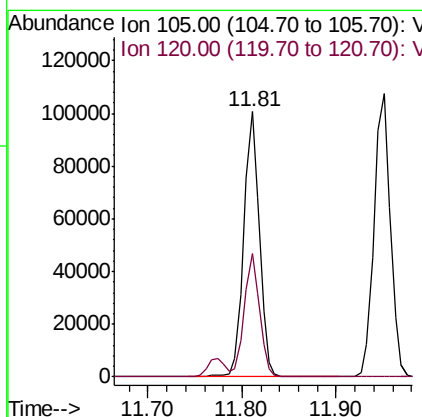
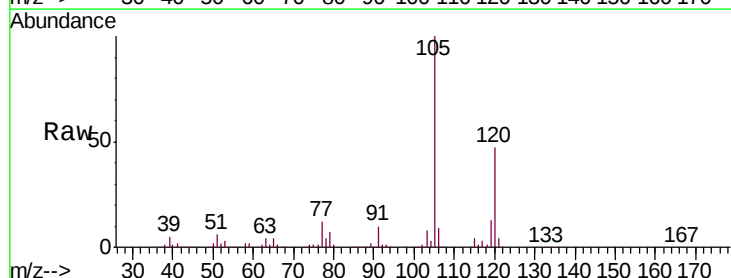
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

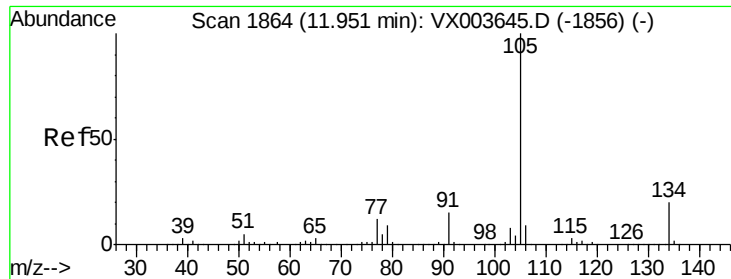
Tot Ion:119 Resp: 107914
 Ion Ratio Lower Upper
 119 100
 91 55.8 28.4 85.2
 134 23.4 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.74 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion:105 Resp: 116490
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.8

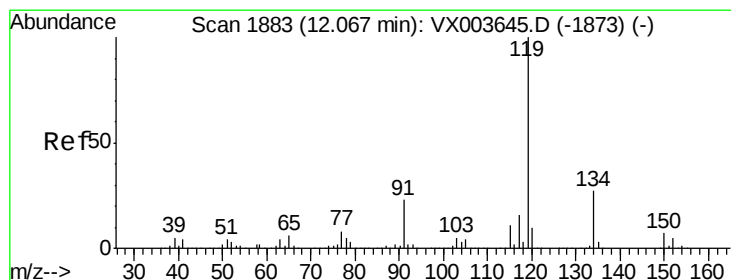
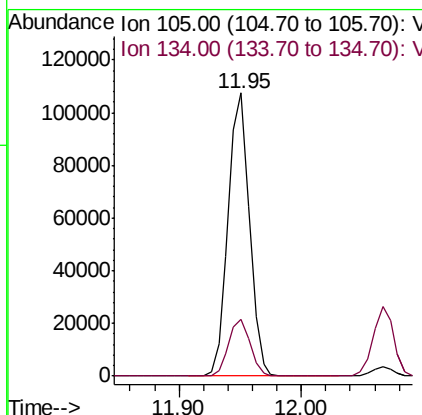
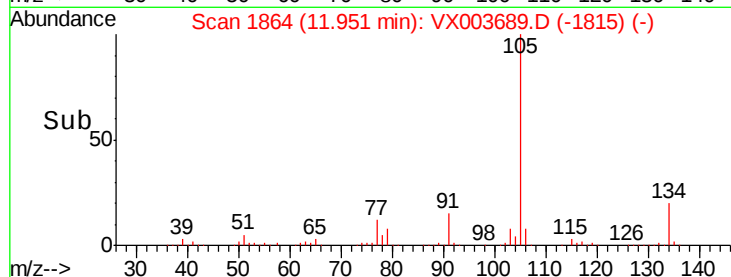
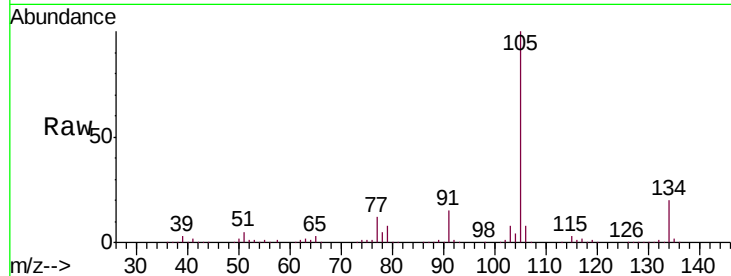




#85
 sec-Butylbenzene
 Concen: 20.29 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

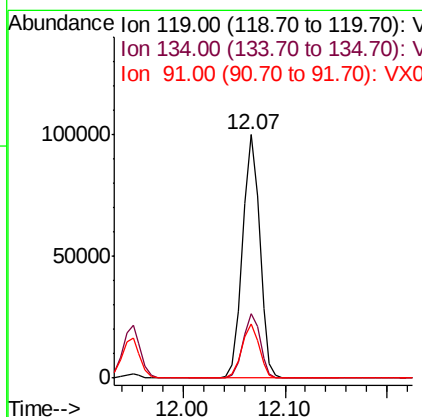
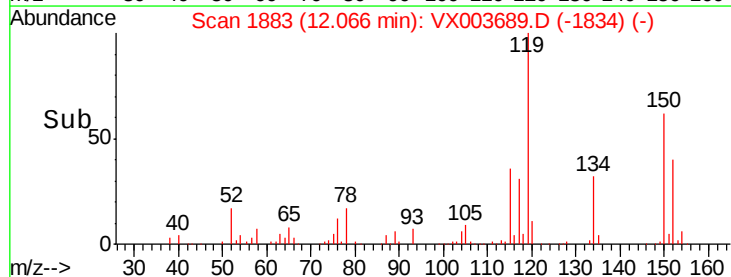
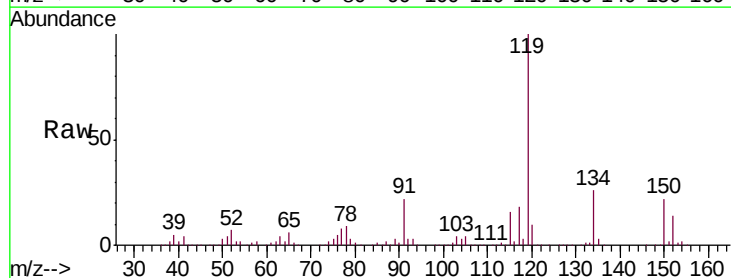
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

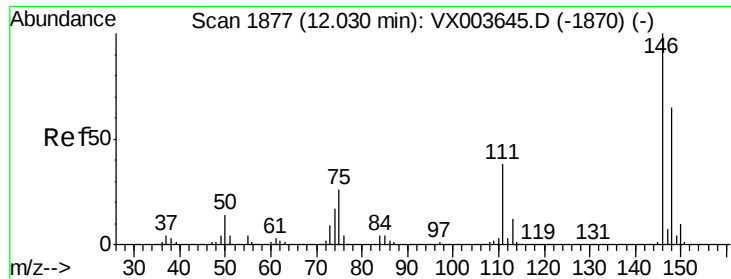
Tot Ion:105 Resp: 129522
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.28 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion:119 Resp: 116198
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 22.6 11.5 34.5

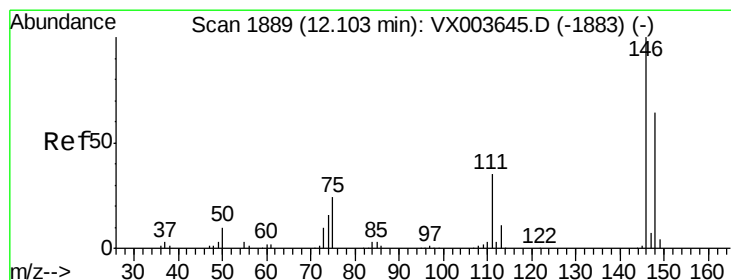
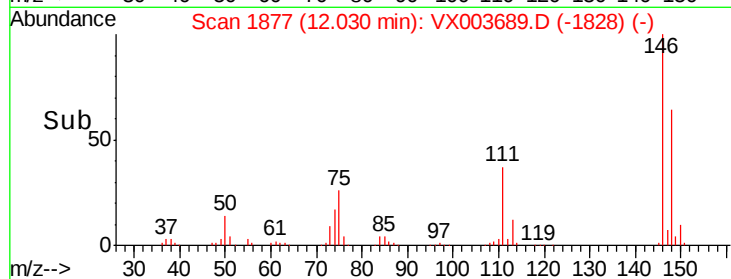
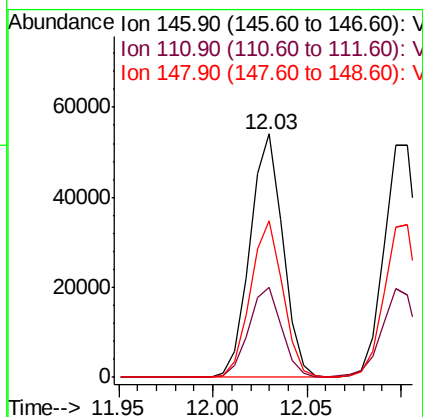
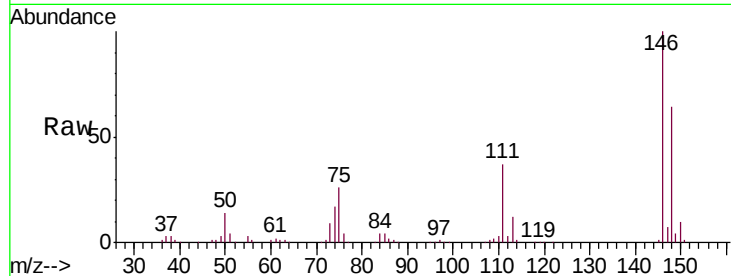




#87
 1,3-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

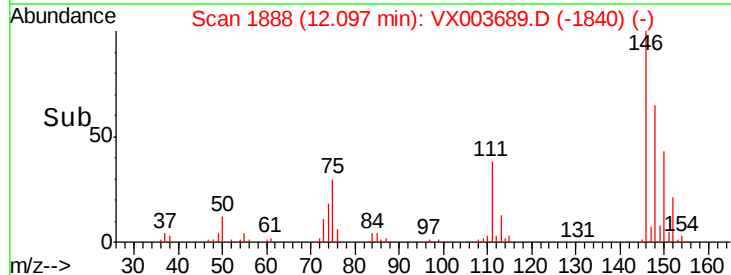
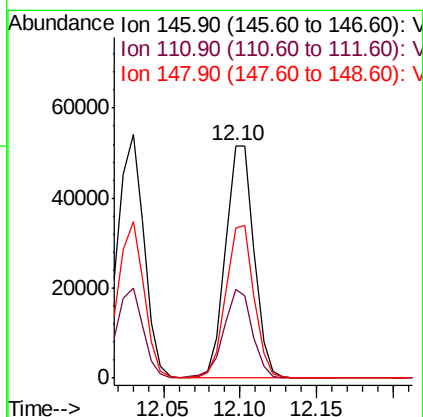
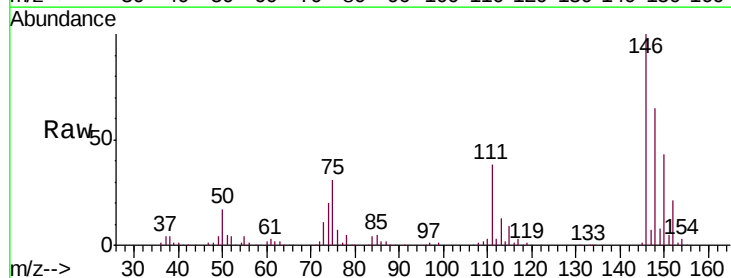
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

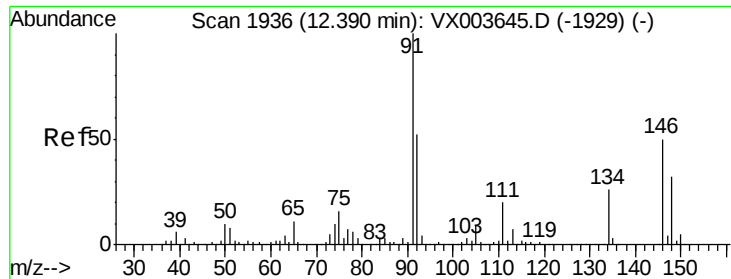
Tot Ion:146 Resp: 65504
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.4 58.2
 148 63.1 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.61 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion:146 Resp: 66615
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.6
 148 65.2 32.0 96.2





#89

n-Butylbenzene

Concen: 18.75 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampled :

VX0726WBS02

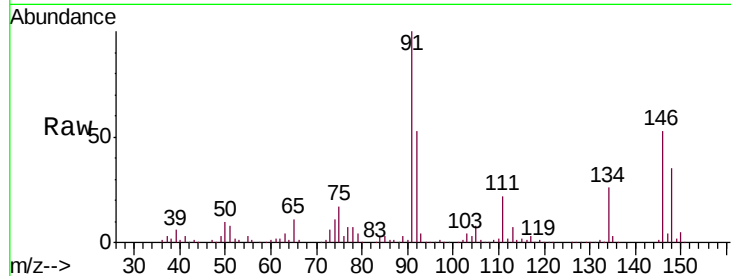
Tot Ion: 91 Resp: 96818

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

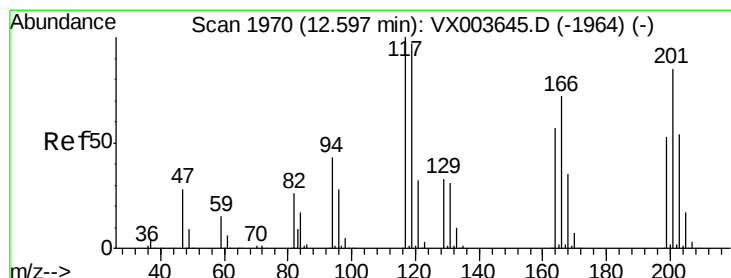
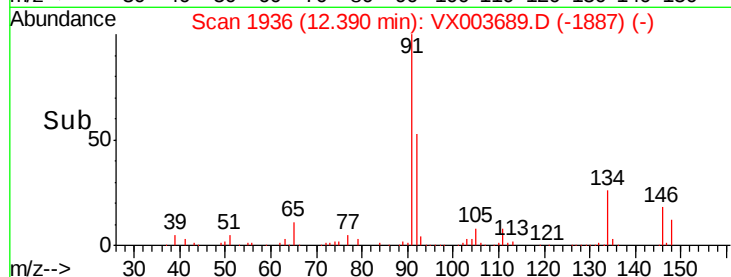
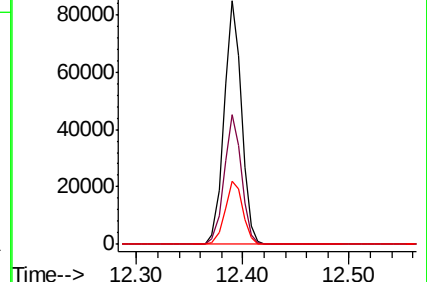
134 26.3 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003645.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003645.D (-1929) (-)



#90

Hexachloroethane

Concen: 20.39 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003689.D

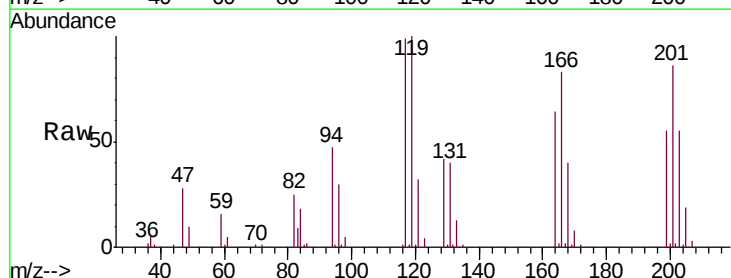
Acq: 27 Jul 2018 00:40

Tgt Ion: 117 Resp: 17696

Ion Ratio Lower Upper

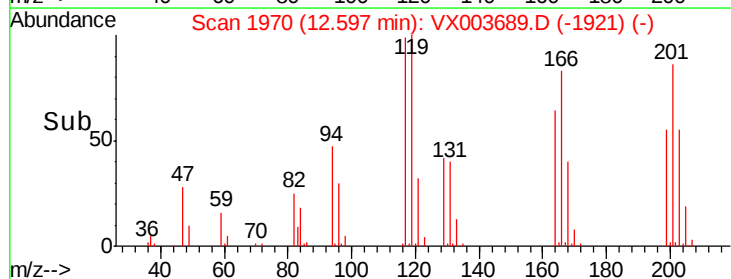
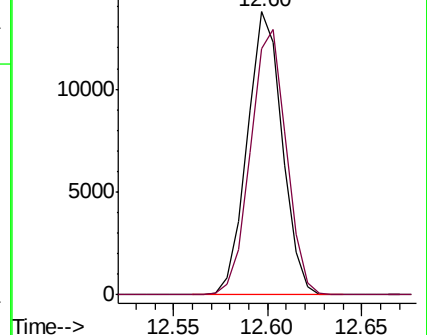
117 100

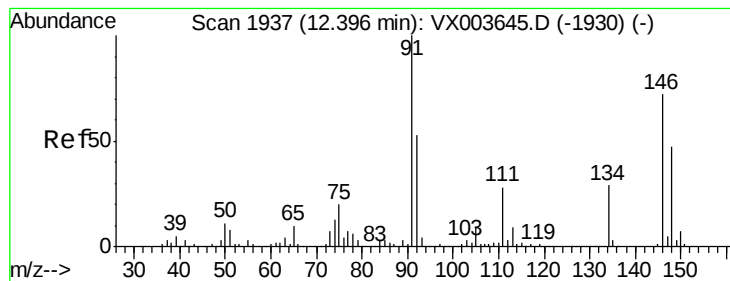
201 95.4 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): VX003645.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003645.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 19.94 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

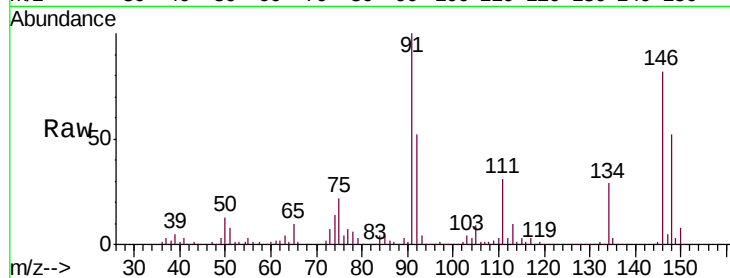
Tot Ion:146 Resp: 66580

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.4

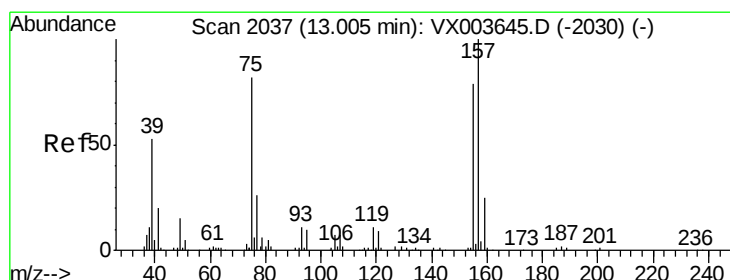
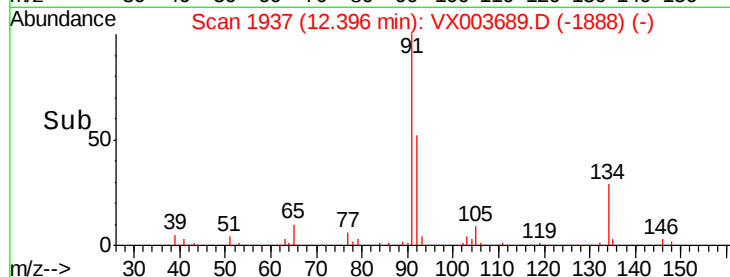
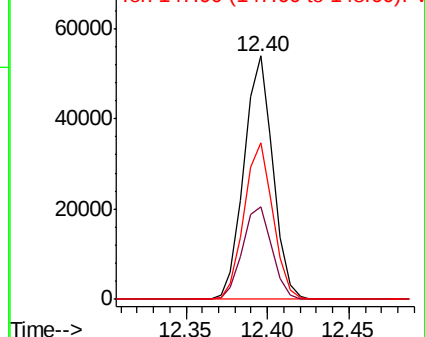
148 64.0 32.2 96.6



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: 18.66 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

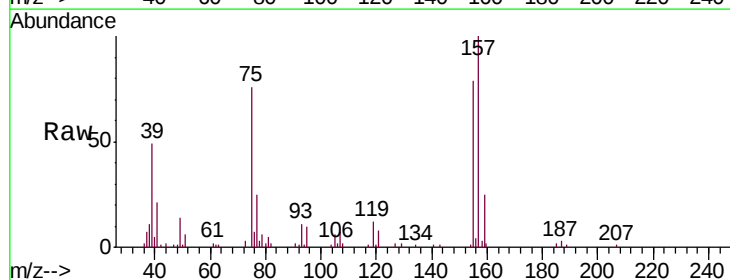
Tgt Ion: 75 Resp: 9269

Ion Ratio Lower Upper

75 100

155 98.1 46.1 138.3

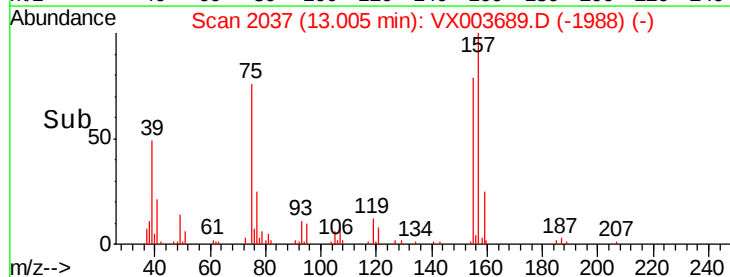
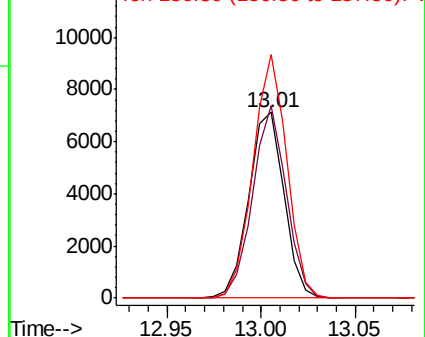
157 125.5 59.7 179.0

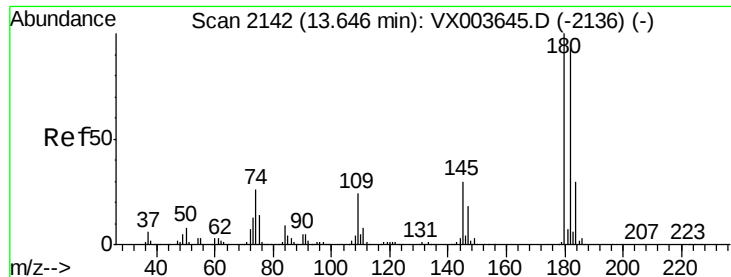


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

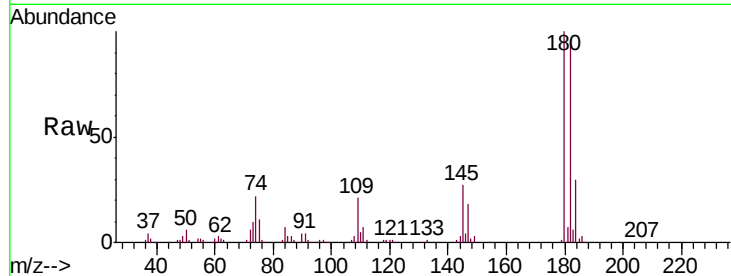




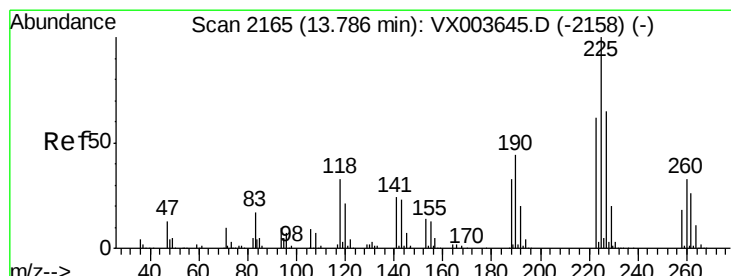
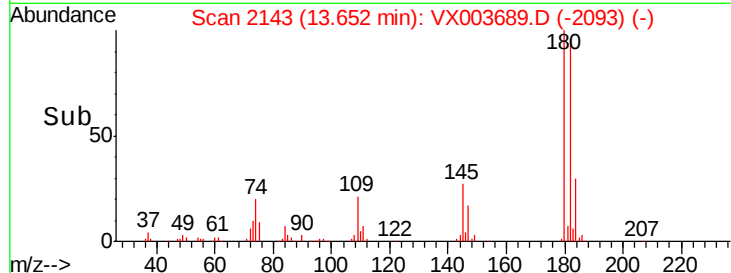
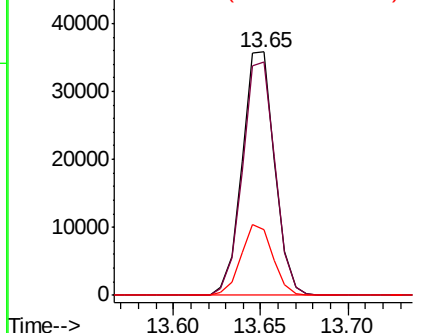
#93
 1,2,4-Trichlorobenzene
 Concen: 19.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion:180 Resp: 46068
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.8
 145 28.3 14.4 43.2

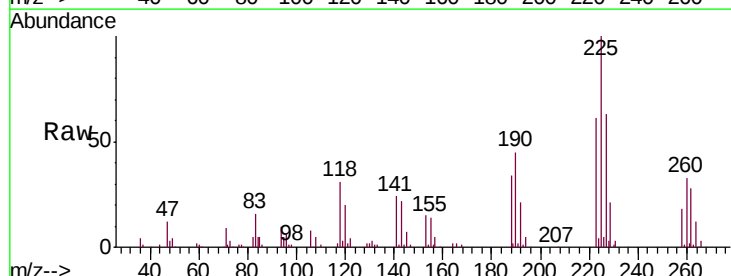


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

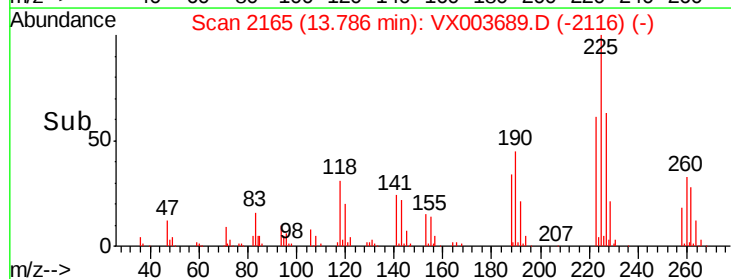
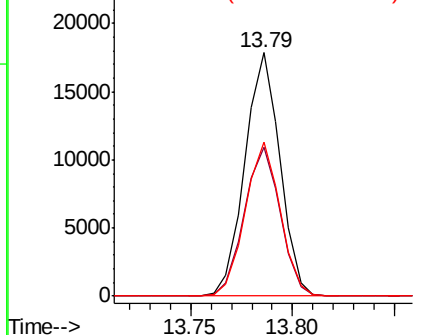


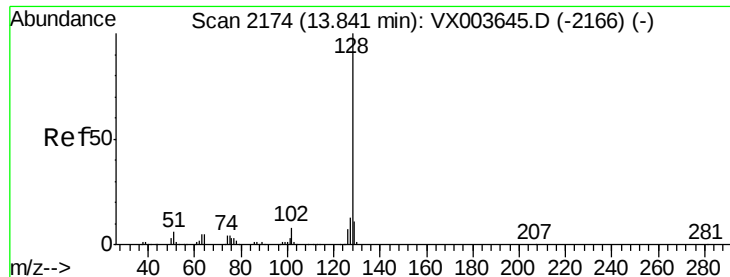
#94
 Hexachlorobutadiene
 Concen: 19.37 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003689.D
 Acq: 27 Jul 2018 00:40

Tgt Ion:225 Resp: 21350
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.5
 227 63.2 31.9 95.7



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





#95

Naphthalene

Concen: 19.64 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

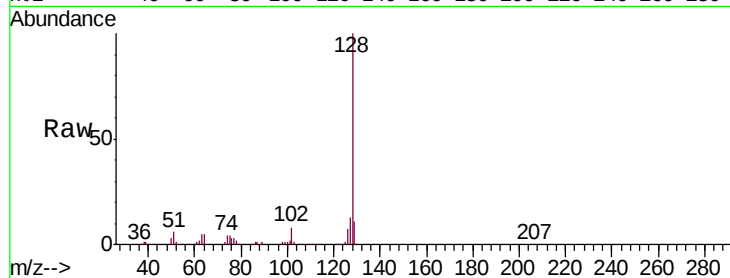
Tot Ion:128 Resp: 141520

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

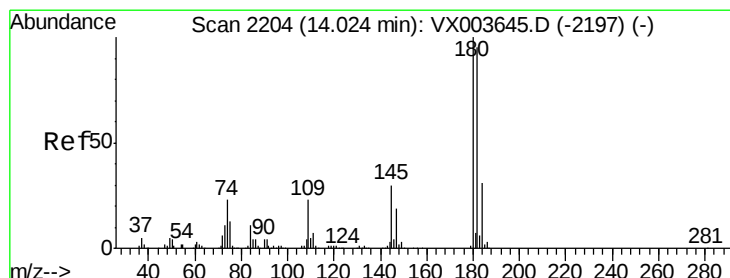
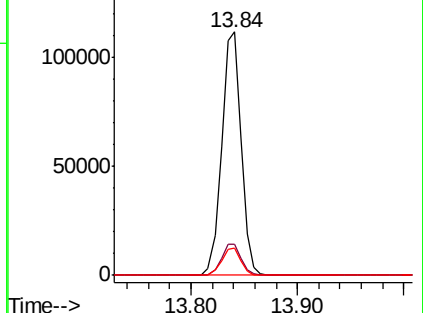
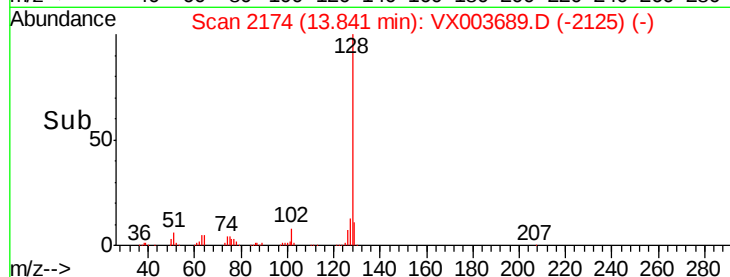
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.80 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003689.D

Acq: 27 Jul 2018 00:40

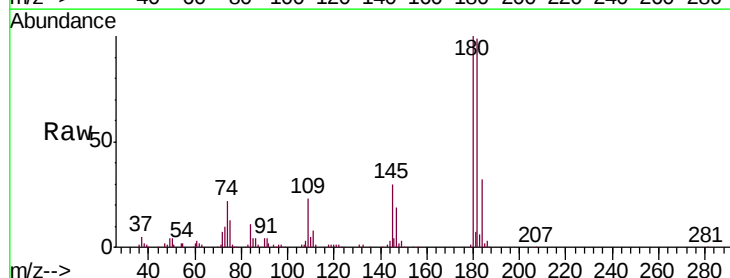
Tgt Ion:180 Resp: 47917

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.8

145 30.1 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

