

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003690.D
 Acq On : 27 Jul 2018 01:06
 Operator : JC/SP
 Sample : VX0726WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Quant Time: Jul 27 06:42:26 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	5.67	168	109143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	163034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90272	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	80635	49.88	ug/l	0.00
Spiked Amount						
			Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	66661	50.02	ug/l	0.00
Spiked Amount						
			Recovery	=	100.04%	
50) Toluene-d8	8.72	98	249271	49.01	ug/l	0.00
Spiked Amount						
			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.14	95	90091	48.56	ug/l	0.00
Spiked Amount						
			Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22231	17.88	ug/l	98
3) Chloromethane	1.32	50	30730	18.77	ug/l	99
4) Vinyl Chloride	1.40	62	32905	19.65	ug/l	99
5) Bromomethane	1.64	94	19590	24.22	ug/l	94
6) Chloroethane	1.72	64	24753	21.04	ug/l	94
7) Trichlorofluoromethane	1.93	101	43432	20.15	ug/l	97
8) Diethyl Ether	2.19	74	19128	20.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26097	19.67	ug/l	99
10) Methyl Iodide	2.51	142	34811	21.40	ug/l	99
11) Tert butyl alcohol	3.08	59	39349	101.82	ug/l	100
12) 1,1-Dichloroethene	2.37	96	25023	19.82	ug/l	93
13) Acrolein	2.29	56	19603	102.73	ug/l	97
14) Allyl chloride	2.73	41	50451	19.17	ug/l	99
15) Acrylonitrile	3.15	53	93202	99.81	ug/l	100
16) Acetone	2.45	43	77927	102.60	ug/l	97
17) Carbon Disulfide	2.57	76	69458	19.13	ug/l	99
18) Methyl Acetate	2.78	43	47986	20.92	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	91014	20.41	ug/l	98
20) Methylene Chloride	2.86	84	29831	19.82	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	27168	20.01	ug/l	95
22) Diisopropyl ether	3.88	45	90967	18.93	ug/l	92
23) Vinyl Acetate	3.83	43	394404	95.82	ug/l	100
24) 1,1-Dichloroethane	3.70	63	54318	20.06	ug/l	99
25) 2-Butanone	4.71	43	117854	100.44	ug/l	99
26) 2,2-Dichloropropane	4.59	77	23723	13.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	29156	19.78	ug/l	98
28) Bromochloromethane	5.02	49	20004	18.41	ug/l	97
29) Tetrahydrofuran	5.17	42	75767	99.20	ug/l	98
30) Chloroform	5.22	83	49462	20.14	ug/l	100
31) Cyclohexane	5.58	56	42825	19.70	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	41742	20.46	ug/l	98
36) 1,1-Dichloropropene	5.80	75	36628	19.22	ug/l	99
37) Ethyl Acetate	4.87	43	43375	18.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	35985	19.59	ug/l	96

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 Data File : VX003690.D
 Acq On : 27 Jul 2018 01:06
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 Sample : VX0726WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Quant Time: Jul 27 06:42:26 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)
39) Methylcyclohexane	7.46	83	40103	19.12	ug/l	99
40) Benzene	6.15	78	113066	20.05	ug/l	99
41) Methacrylonitrile	5.07	41	24657	19.43	ug/l	98
42) 1,2-Dichloroethane	6.20	62	39801	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	65377	19.56	ug/l	100
44) Trichloroethene	7.22	130	28798	19.05	ug/l	98
45) 1,2-Dichloropropane	7.52	63	30365	20.83	ug/l	99
46) Dibromomethane	7.67	93	19052	20.34	ug/l	99
47) Bromodichloromethane	7.90	83	34833	19.84	ug/l	100
48) Methyl methacrylate	7.78	41	33356	19.66	ug/l	98
49) 1,4-Dioxane	7.76	88	15065	398.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	225368	99.92	ug/l	98
52) Toluene	8.79	92	69432	19.81	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	36049	18.54	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	40102	18.75	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	28685	20.02	ug/l	98
56) Ethyl methacrylate	9.18	69	41835	19.62	ug/l	98
57) 1,3-Dichloropropane	9.38	76	48333	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	109547	102.24	ug/l	99
59) 2-Hexanone	9.50	43	172508	99.70	ug/l	99
60) Dibromochloromethane	9.59	129	27046	19.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	29710	19.91	ug/l	100
64) Tetrachloroethene	9.34	164	27519	19.73	ug/l	99
65) Chlorobenzene	10.14	112	76331	19.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26859	20.12	ug/l	99
67) Ethyl Benzene	10.26	91	127838	19.89	ug/l	99
68) m/p-Xylenes	10.36	106	99697	40.43	ug/l	98
69) o-Xylene	10.70	106	48089	20.26	ug/l	100
70) Styrene	10.71	104	80572	20.21	ug/l	99
71) Bromoform	10.86	173	20337	19.27	ug/l #	99
73) Isopropylbenzene	11.02	105	129107	20.93	ug/l	99
74) N-amyl acetate	6.47	43	65377	20.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	45586	20.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	49807	26.31	ug/l	83
77) Bromobenzene	11.26	156	34528	20.61	ug/l	99
78) n-propylbenzene	11.36	91	150530	21.14	ug/l	99
79) 2-Chlorotoluene	11.42	91	90531	20.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	109913	21.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10647	17.42	ug/l	92
82) 4-Chlorotoluene	11.51	91	106680	20.92	ug/l	99
83) tert-Butylbenzene	11.77	119	105217	20.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	113511	21.17	ug/l	99
85) sec-Butylbenzene	11.95	105	126123	20.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	112103	20.49	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	63149	20.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	64656	19.93	ug/l	99
89) n-Butylbenzene	12.39	91	96034	19.48	ug/l	99
90) Hexachloroethane	12.60	117	17307	20.89	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	63648	19.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9384	19.79	ug/l	99

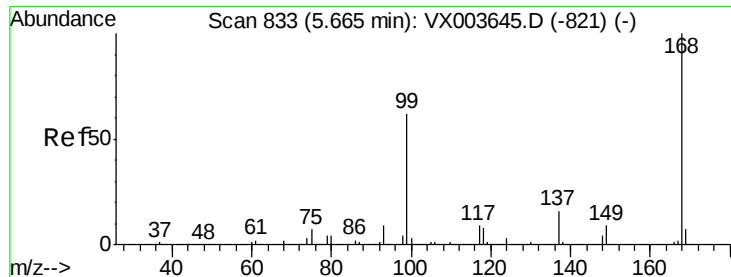
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003690.D
Acq On : 27 Jul 2018 01:06
Operator : JC/SP
Sample : VX0726WBSD02
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ClientSampleId :
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Quant Time: Jul 27 06:42:26 2018
Quant 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)
93) 1,2,4-Trichlorobenzene	13.65	180	43971	19.33	ug/l	100
94) Hexachlorobutadiene	13.79	225	19976	18.98	ug/l	99
95) Naphthalene	13.83	128	137595	20.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45968	19.90	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

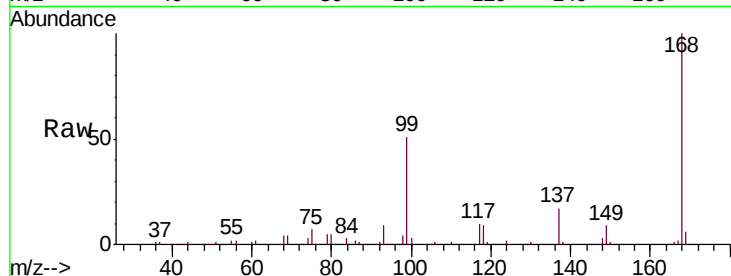
VX0726WBSD02

Tot Ion:168 Resp: 109143

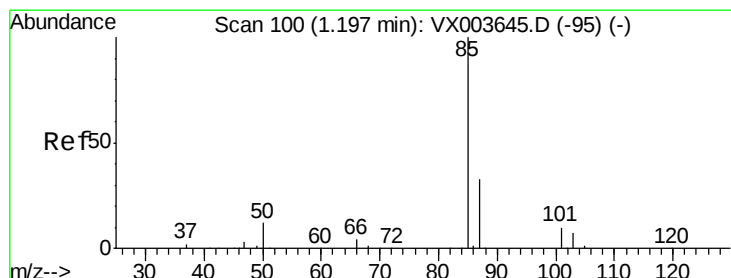
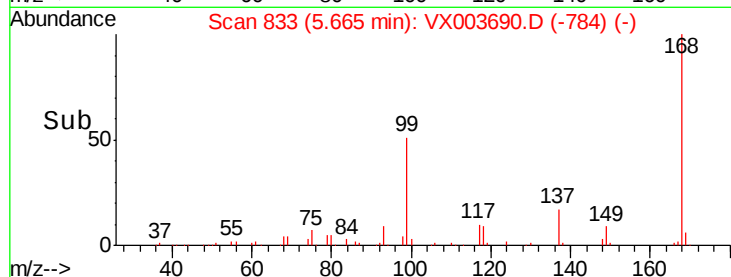
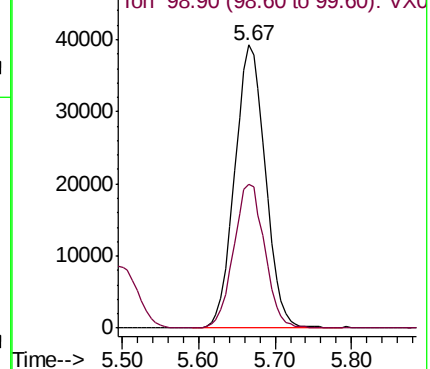
Ion Ratio Lower Upper

168 100

99 51.0 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 17.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003690.D

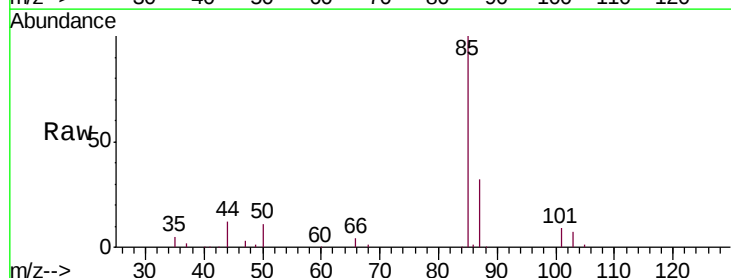
Acq: 27 Jul 2018 01:06

Tgt Ion: 85 Resp: 22231

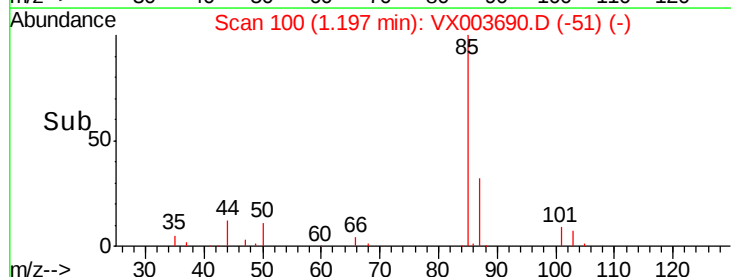
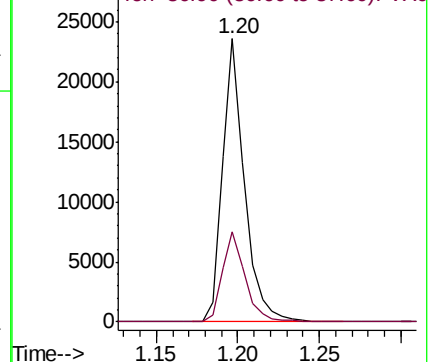
Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 18.77 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

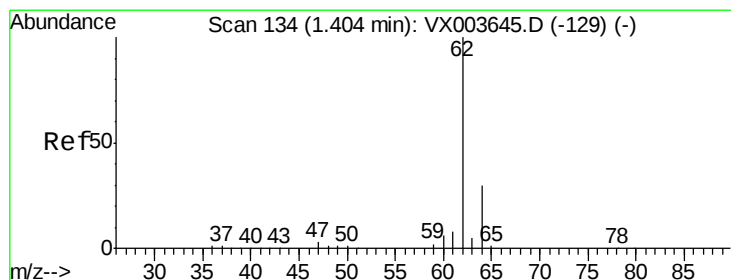
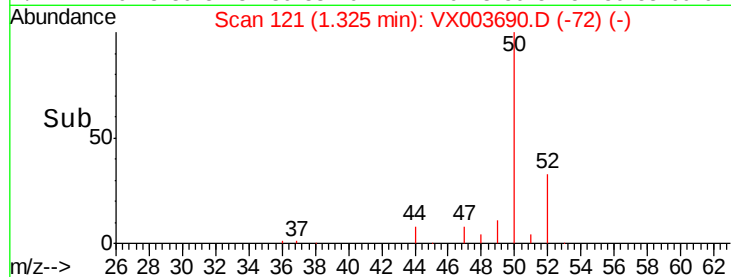
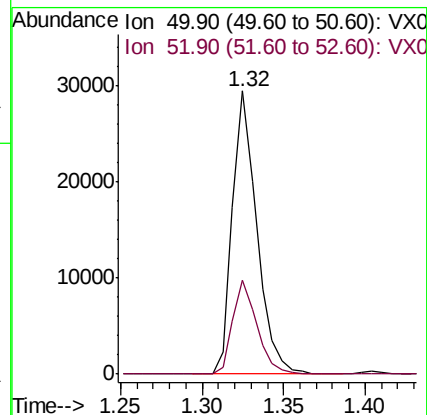
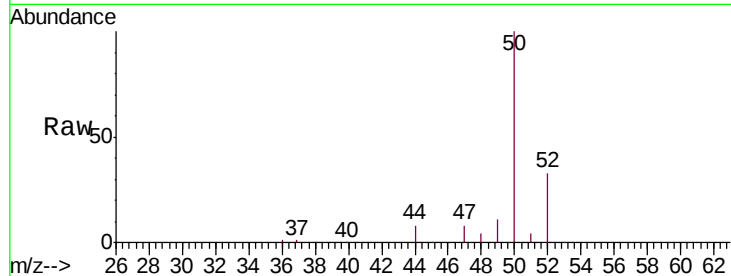
VX0726WBSD02

Tot Ion: 50 Resp: 30730

Ion Ratio Lower Upper

50 100

52 33.3 26.3 39.5



#4

Vinyl Chloride

Concen: 19.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003690.D

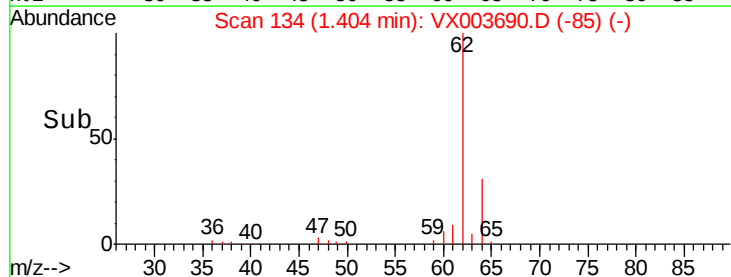
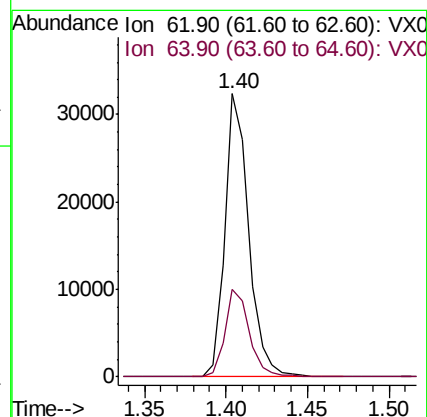
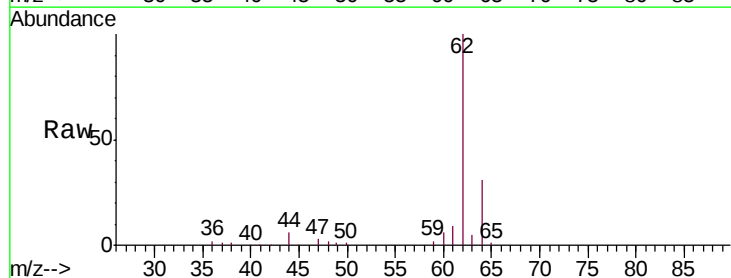
Acq: 27 Jul 2018 01:06

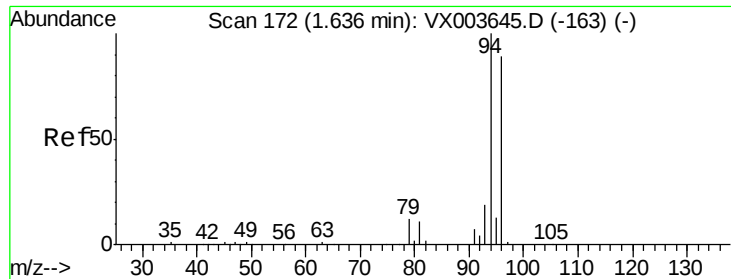
Tgt Ion: 62 Resp: 32905

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6





#5

Bromomethane

Concen: 24.22 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

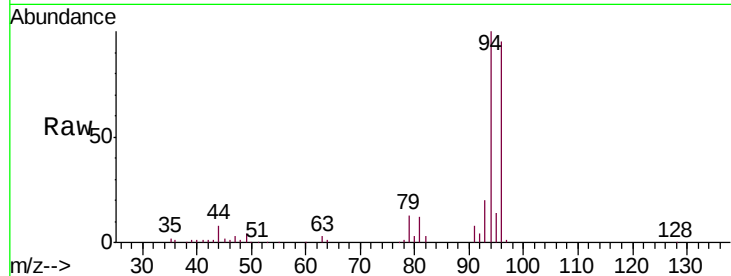
VX0726WBSD02

Tot Ion: 94 Resp: 19590

Ion Ratio Lower Upper

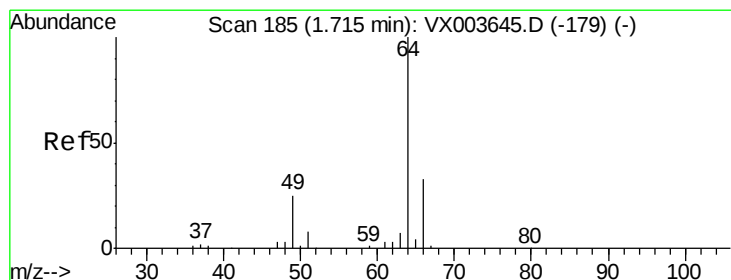
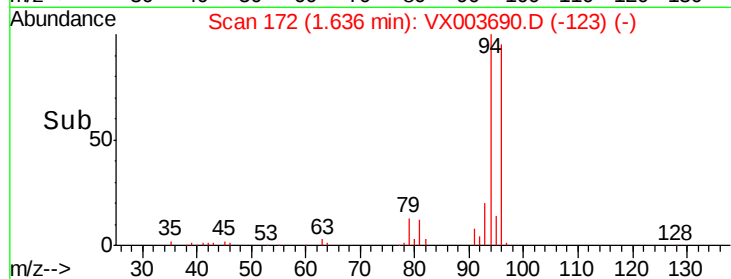
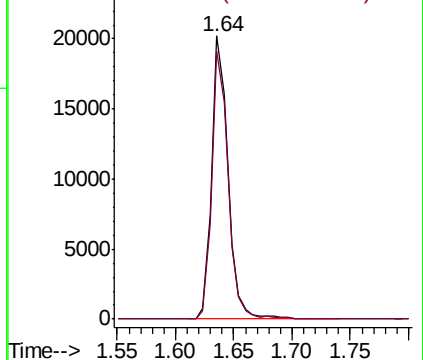
94 100

96 94.9 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: 21.04 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003690.D

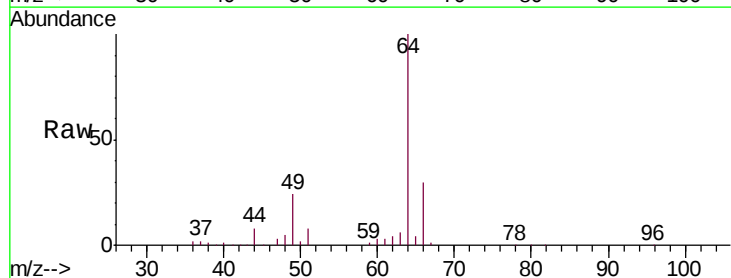
Acq: 27 Jul 2018 01:06

Tgt Ion: 64 Resp: 24753

Ion Ratio Lower Upper

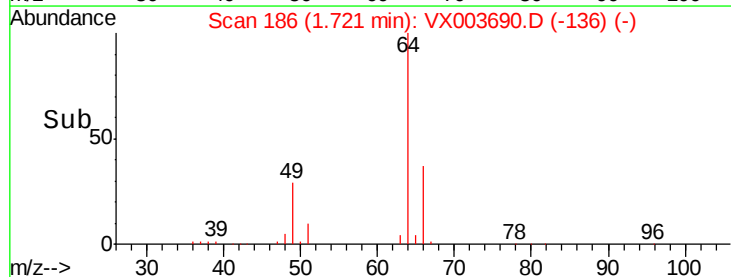
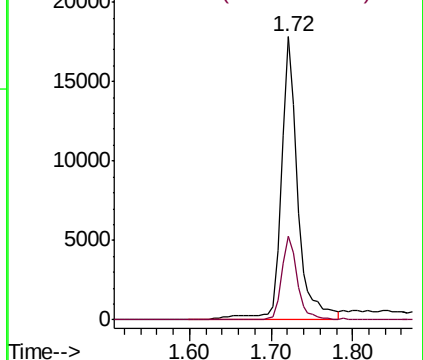
64 100

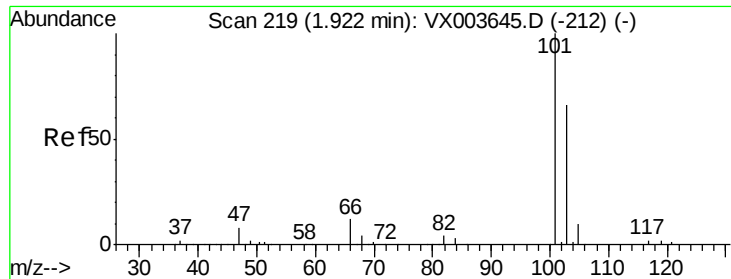
66 29.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



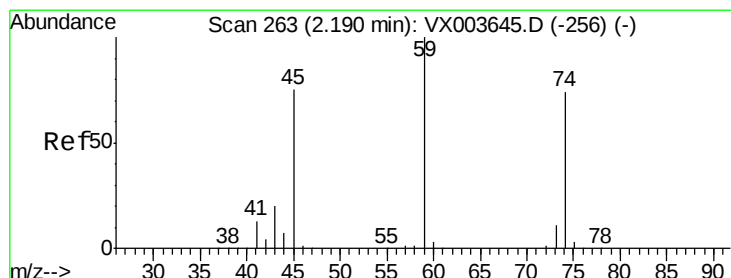
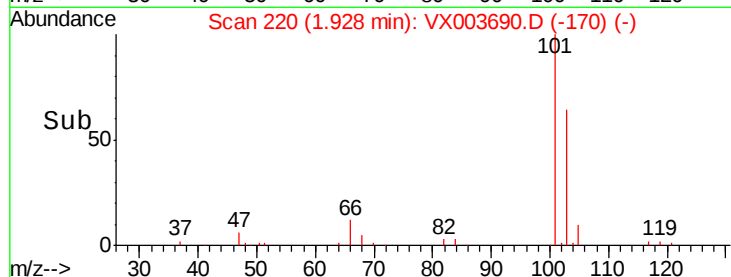
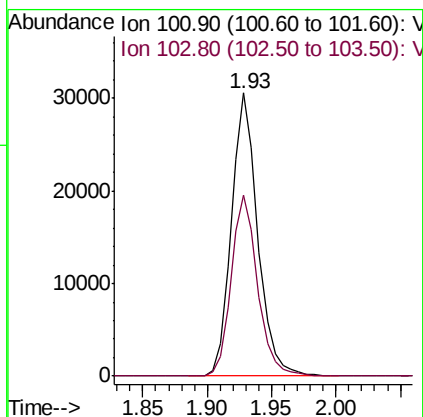
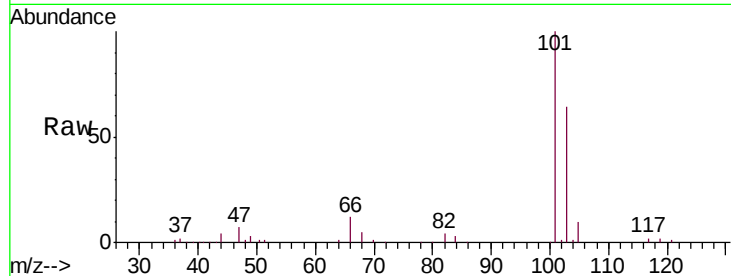


#7

Trichlorofluoromethane
 Concen: 20.15 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

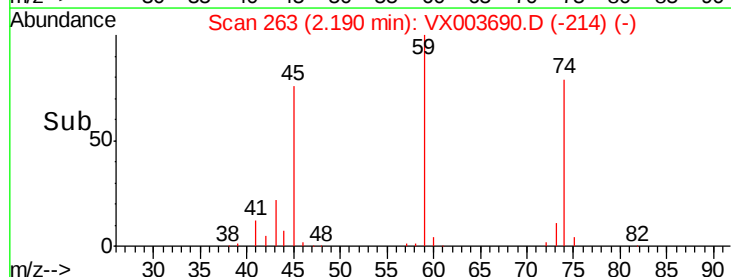
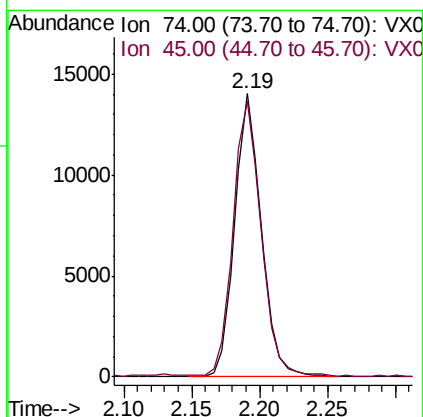
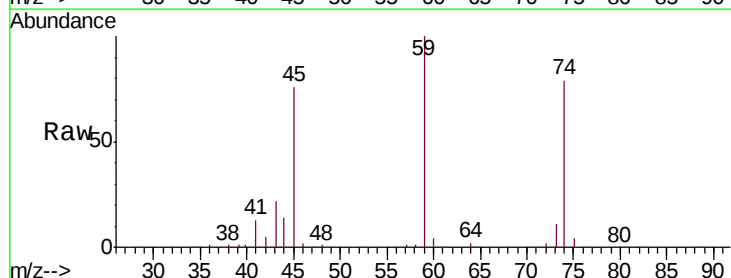
Tot Ion:101 Resp: 43432
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

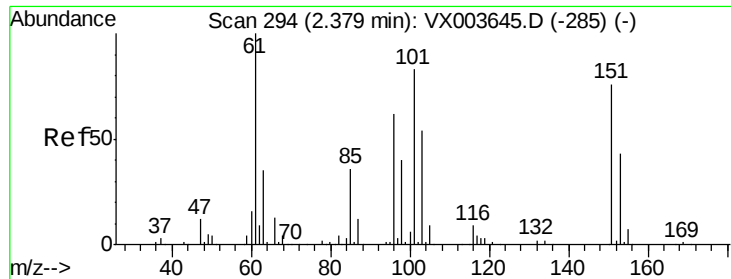


#8

Diethyl Ether
 Concen: 20.25 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 74 Resp: 19128
 Ion Ratio Lower Upper
 74 100
 45 103.1 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.67 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

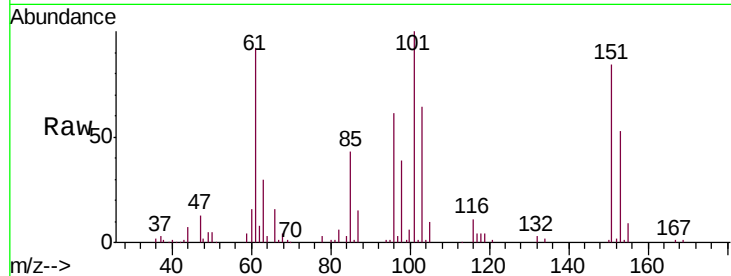
Tot Ion:101 Resp: 26097

Ion Ratio Lower Upper

101 100

85 43.4 34.6 52.0

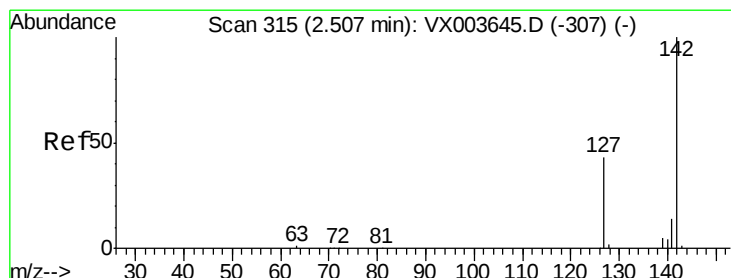
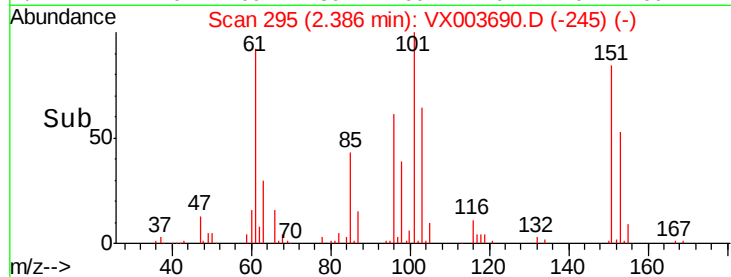
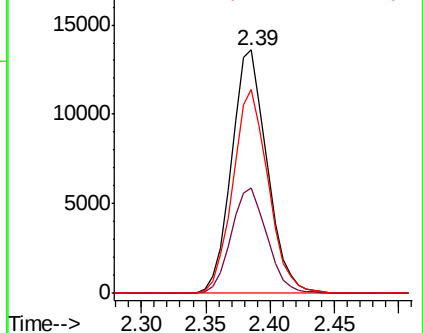
151 83.3 67.5 101.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.40 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

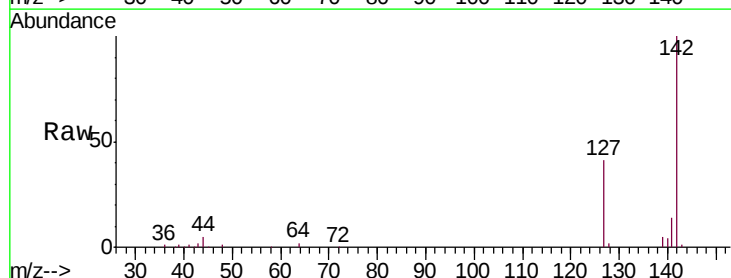
Tgt Ion:142 Resp: 34811

Ion Ratio Lower Upper

142 100

127 42.0 34.0 51.0

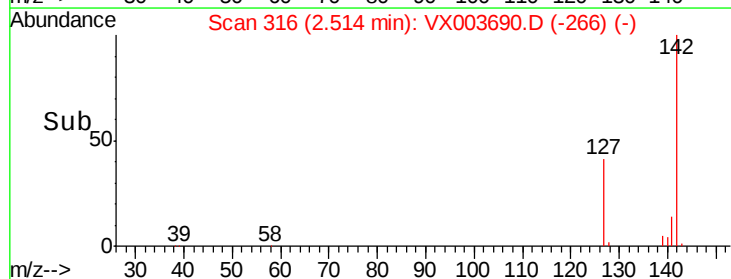
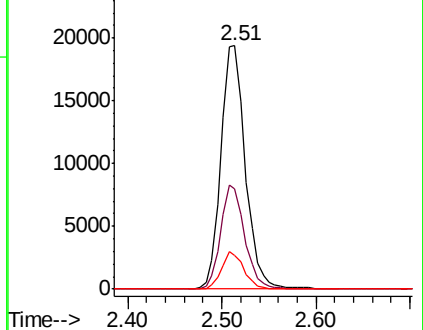
141 14.0 11.3 16.9

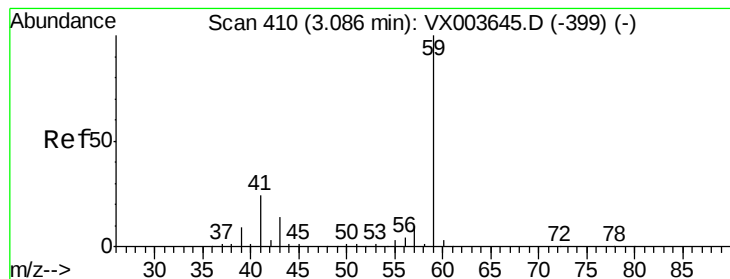


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



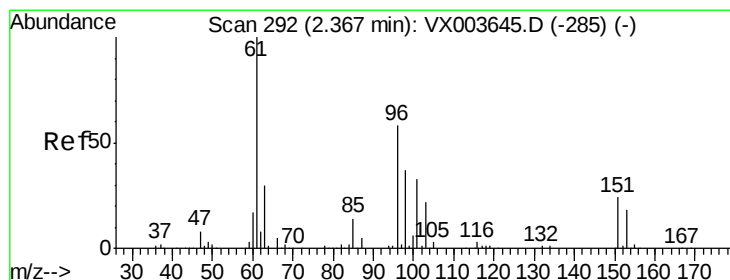
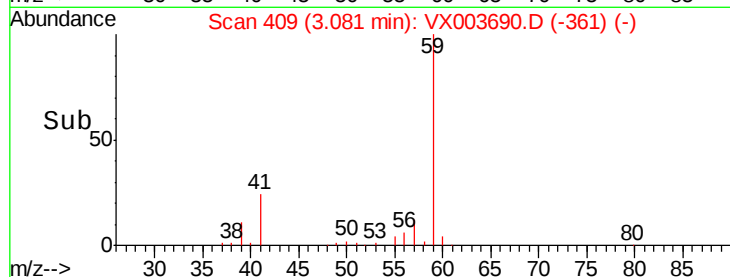
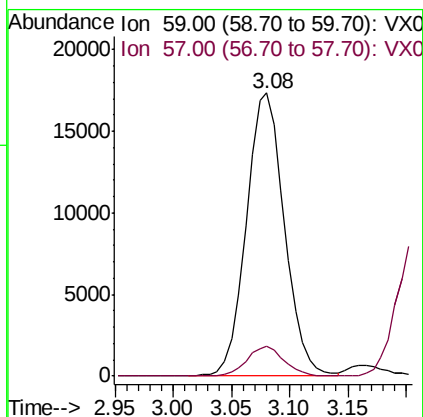
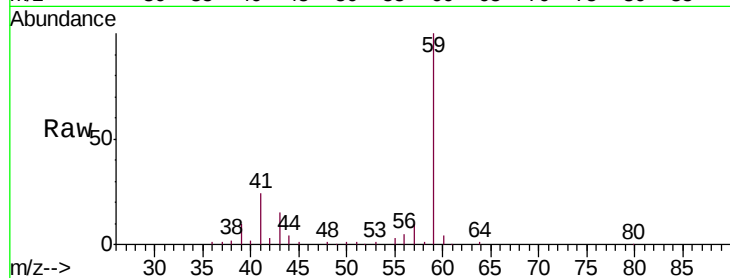


#11

Tert butyl alcohol
 Concen: 101.82 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

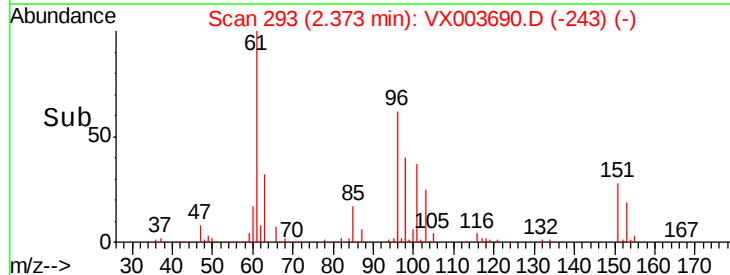
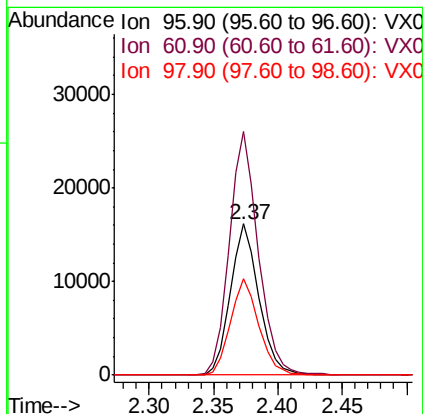
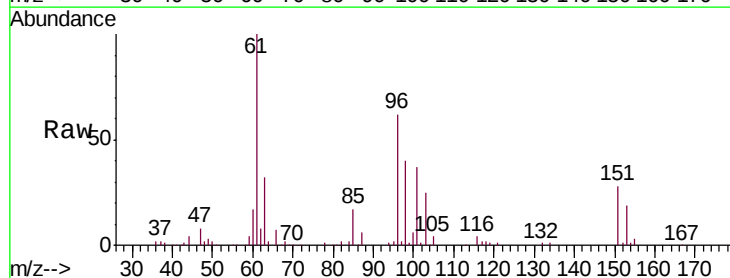
Tot Ion: 59 Resp: 39349
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

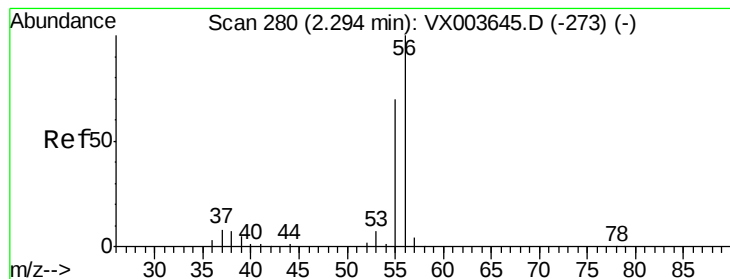


#12

1,1-Dichloroethene
 Concen: 19.82 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 96 Resp: 25023
 Ion Ratio Lower Upper
 96 100
 61 161.2 138.8 208.2
 98 63.7 51.4 77.2





#13

Acrolein

Concen: 102.73 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

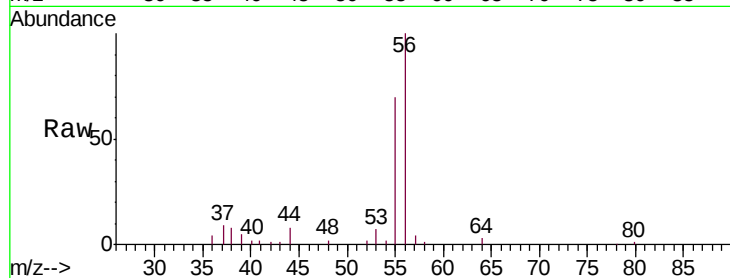
VX0726WBSD02

Tot Ion: 56 Resp: 19603

Ion Ratio Lower Upper

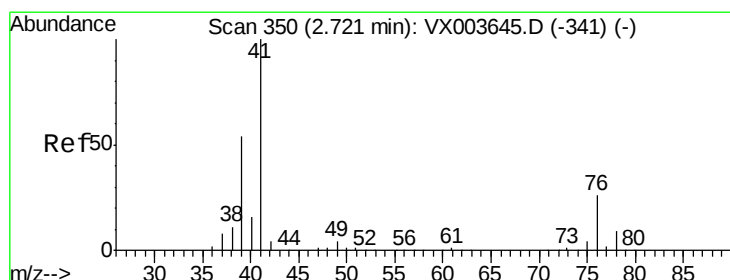
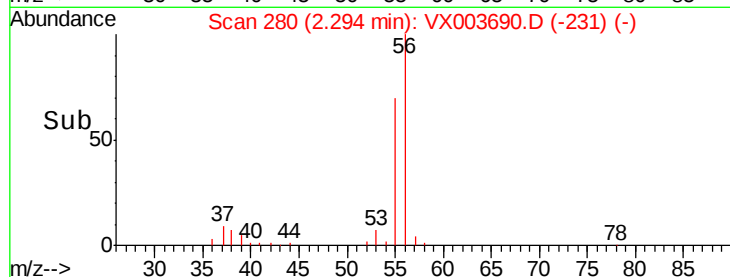
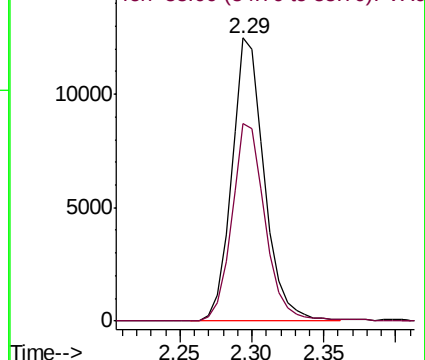
56 100

55 71.7 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: 19.17 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

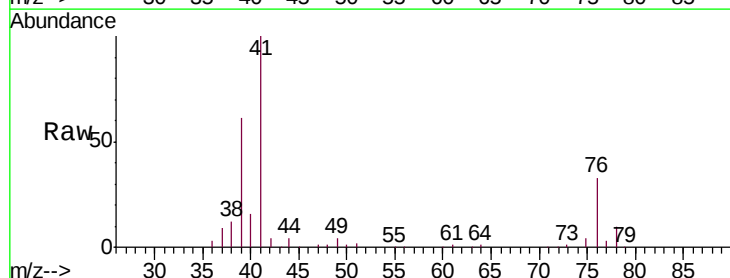
Tgt Ion: 41 Resp: 50451

Ion Ratio Lower Upper

41 100

39 57.6 45.3 67.9

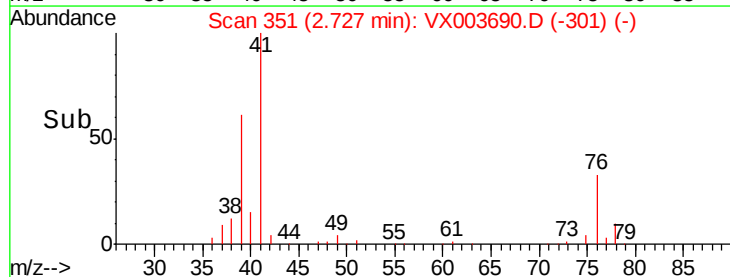
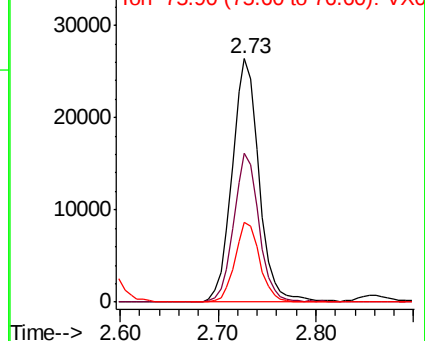
76 30.3 23.8 35.6

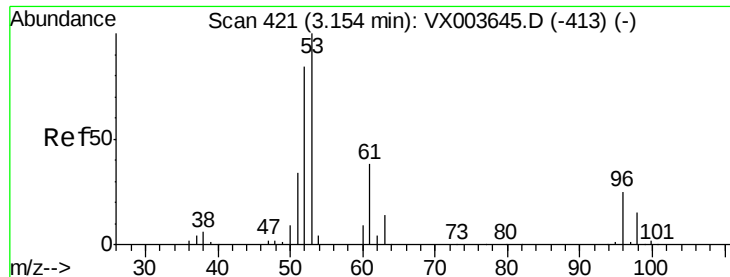


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.81 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

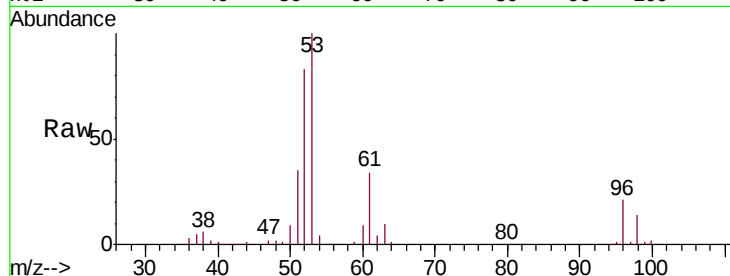
Tot Ion: 53 Resp: 93202

Ion Ratio Lower Upper

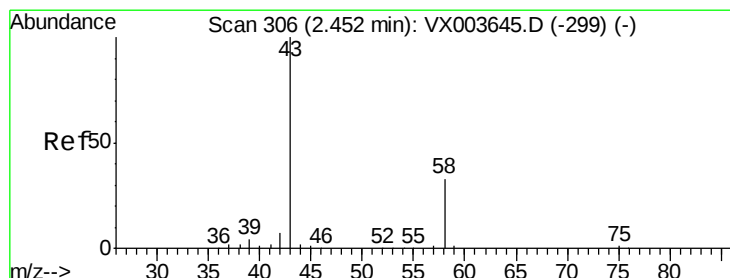
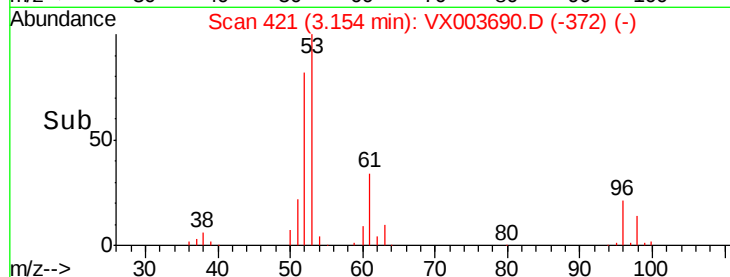
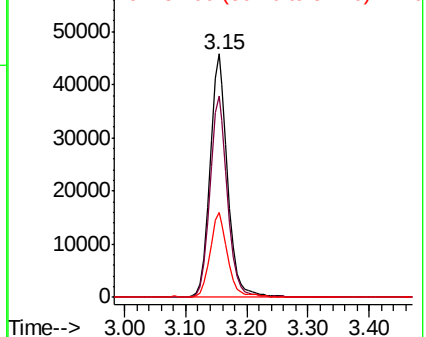
53 100

52 82.3 66.1 99.1

51 35.5 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: 102.60 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003690.D

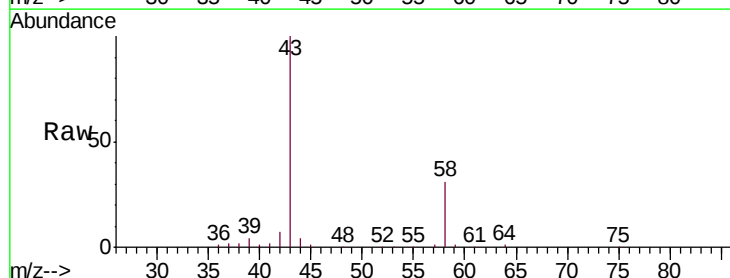
Acq: 27 Jul 2018 01:06

Tgt Ion: 43 Resp: 77927

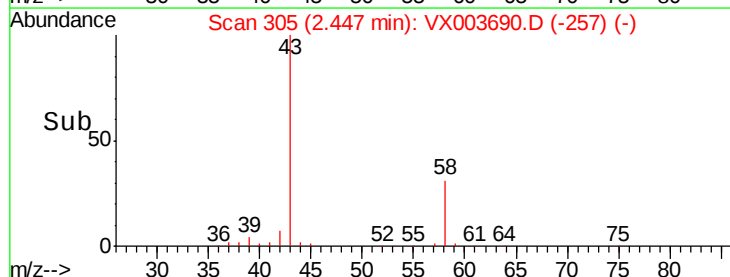
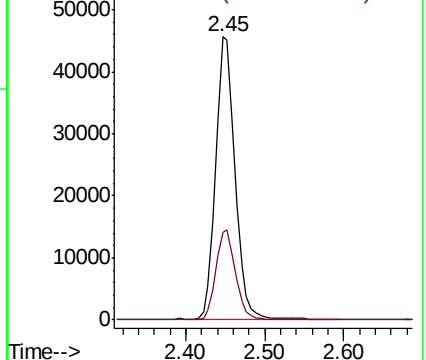
Ion Ratio Lower Upper

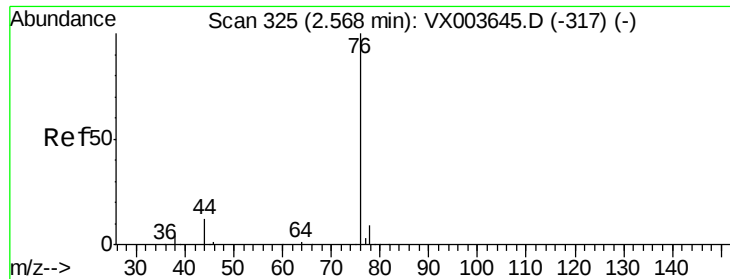
43 100

58 31.1 26.1 39.1



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

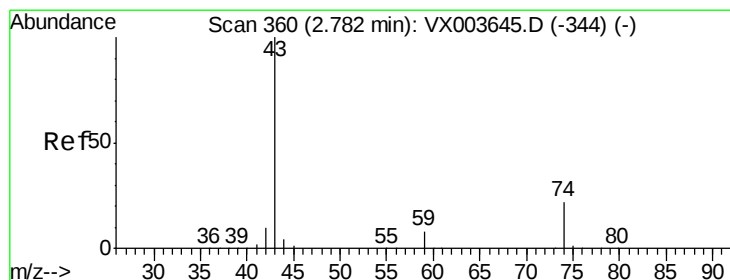
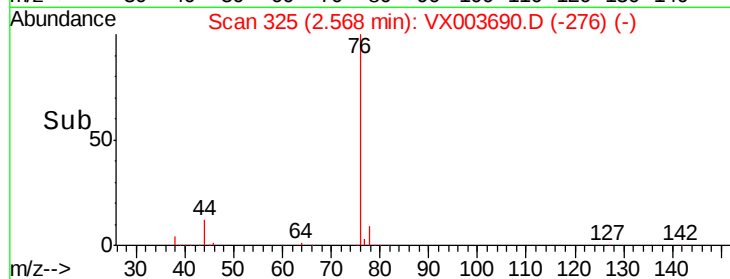
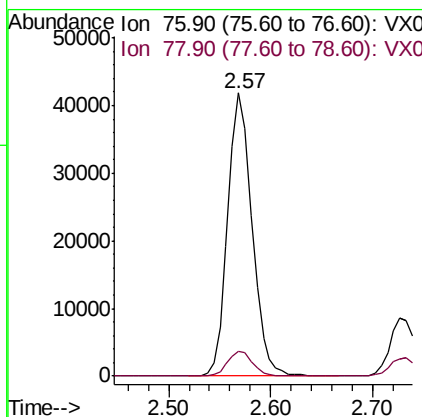
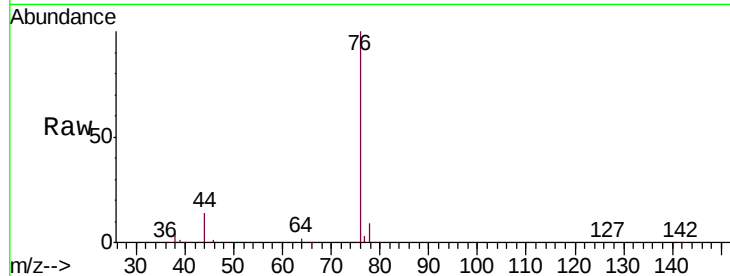




#17
Carbon Disulfide
Concen: 19.13 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

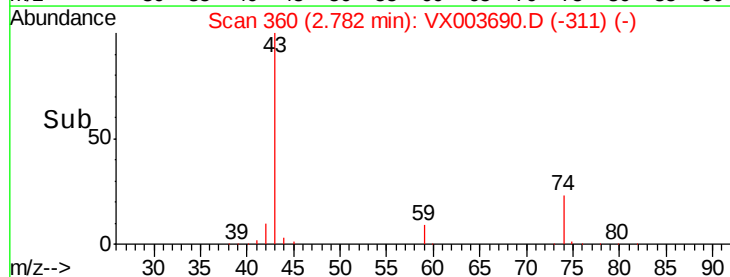
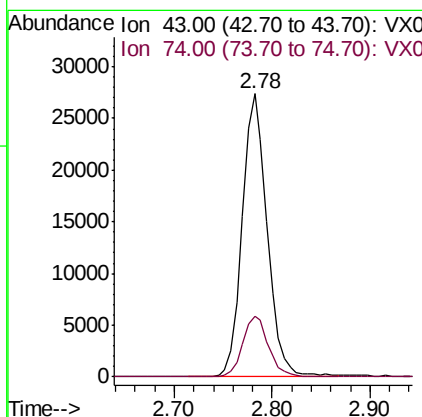
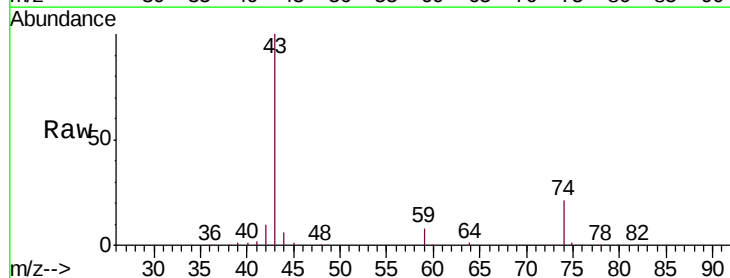
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

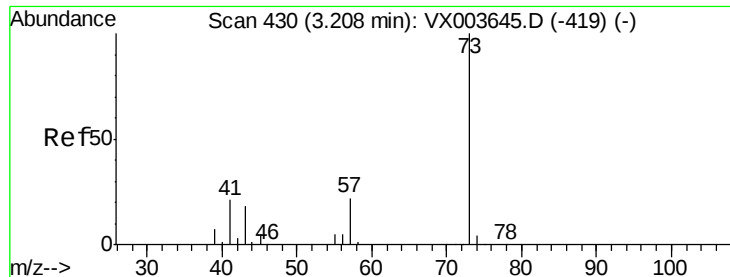
Tot Ion: 76 Resp: 69458
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 20.92 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 43 Resp: 47986
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8



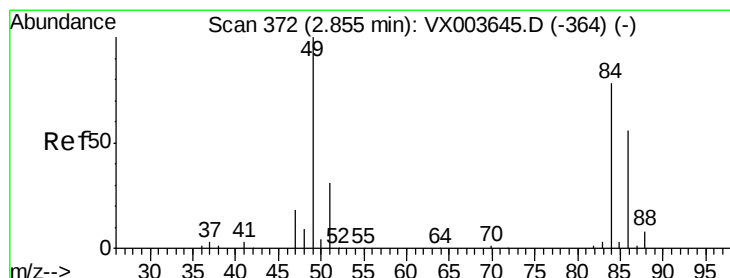
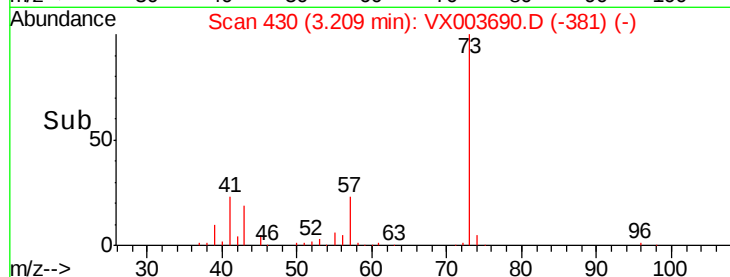
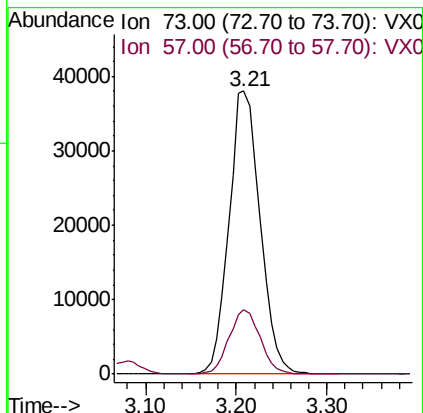
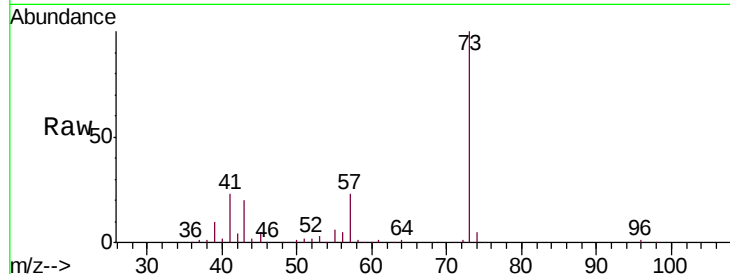


#19

Methyl tert-butyl Ether
 Concen: 20.41 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

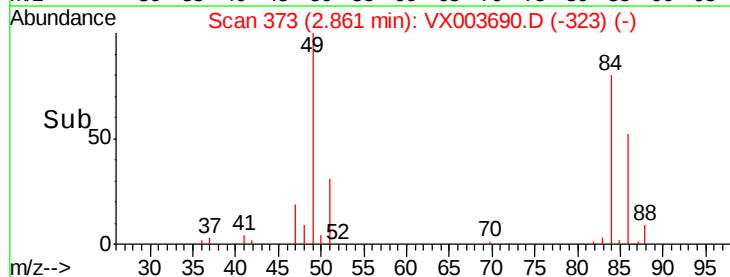
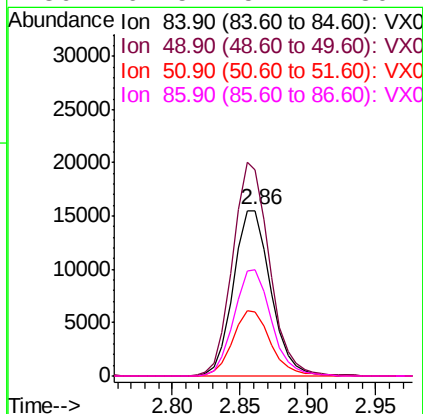
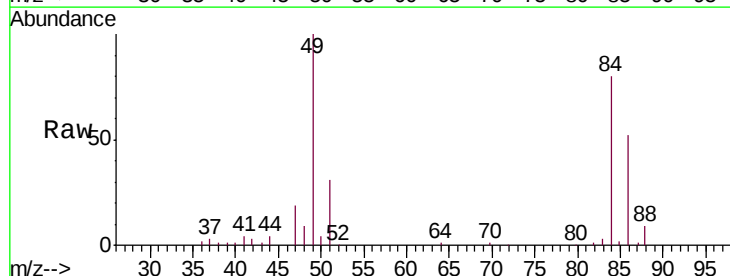
Tot Ion: 73 Resp: 91014
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.4 26.2

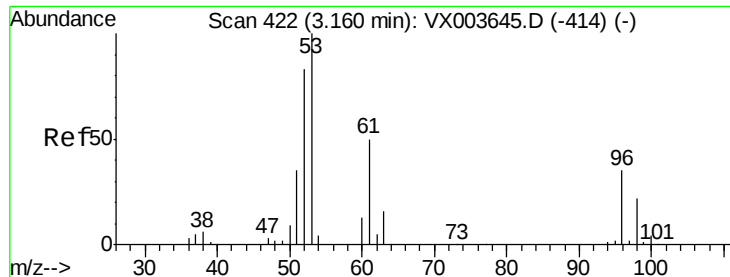


#20

Methylene Chloride
 Concen: 19.82 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 84 Resp: 29831
 Ion Ratio Lower Upper
 84 100
 49 124.5 102.3 153.5
 51 38.7 31.8 47.8
 86 64.5 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 20.01 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

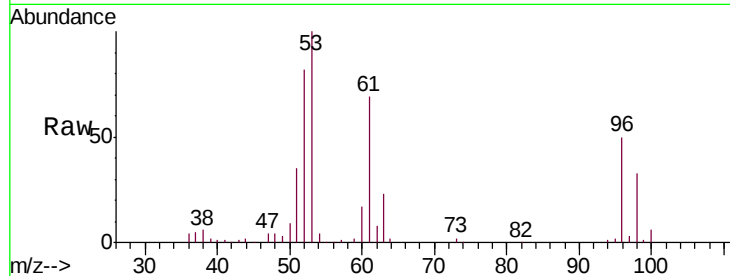
Tot Ion: 96 Resp: 27168

Ion Ratio Lower Upper

96 100

61 138.4 115.0 172.4

98 66.7 49.7 74.5

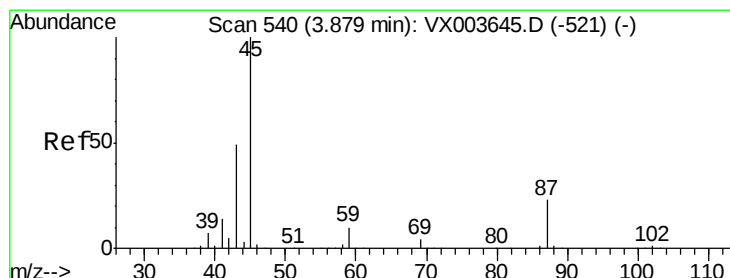
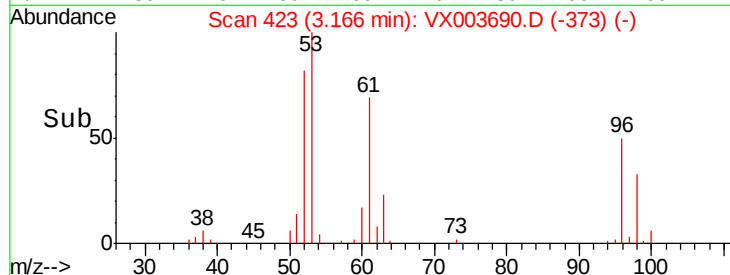
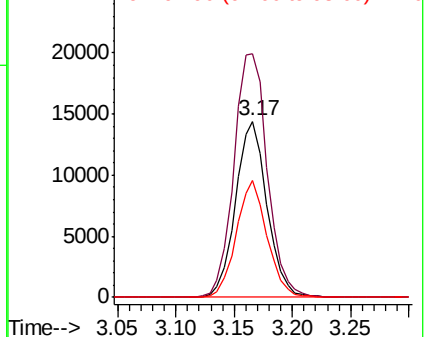


Abundance

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: 18.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion: 45 Resp: 90967

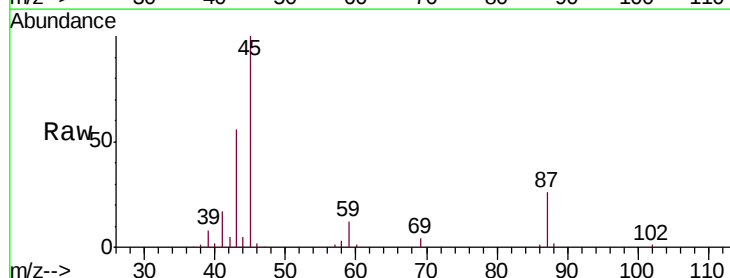
Ion Ratio Lower Upper

45 100

43 55.5 39.0 58.4

87 26.3 18.4 27.6

59 11.5 7.8 11.8



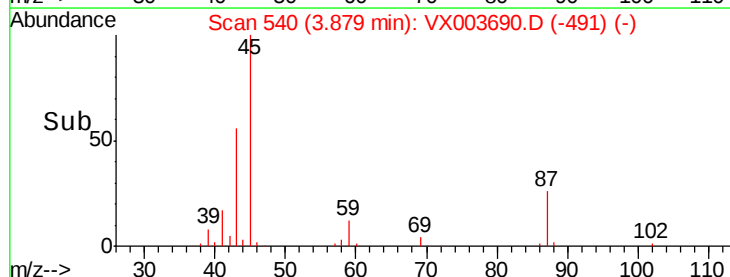
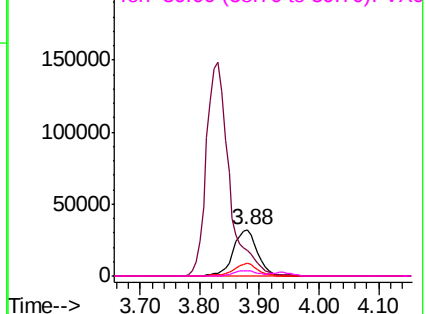
Abundance

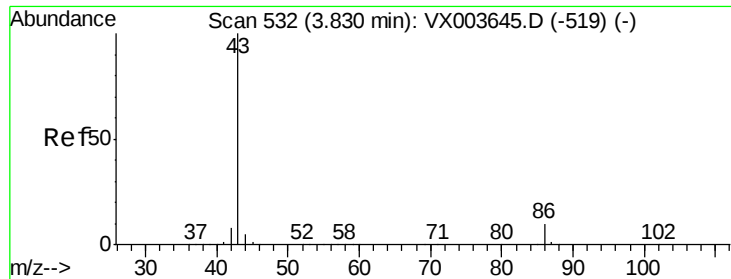
Ion 45.00 (44.70 to 45.70): VX0

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

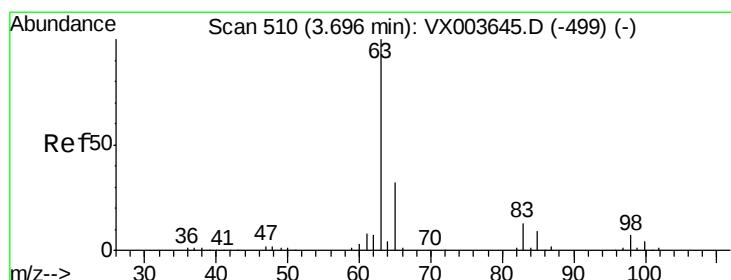
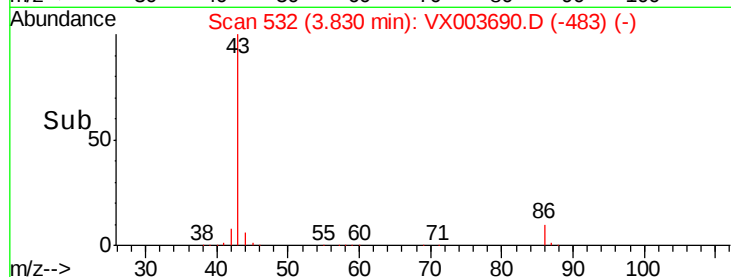
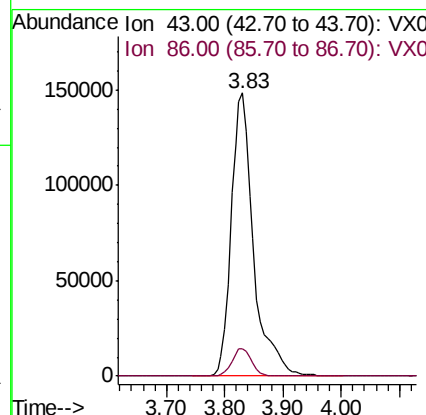
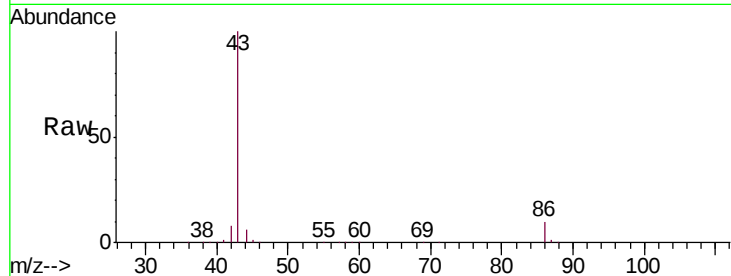




#23
 Vinyl Acetate
 Concen: 95.82 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

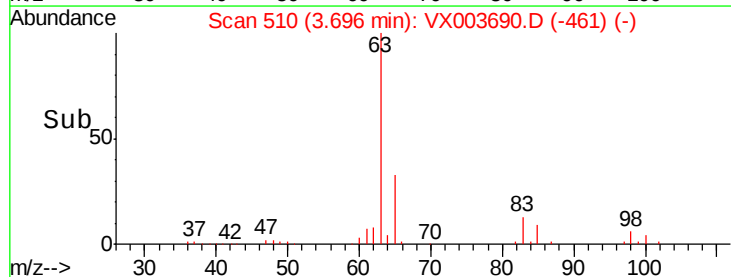
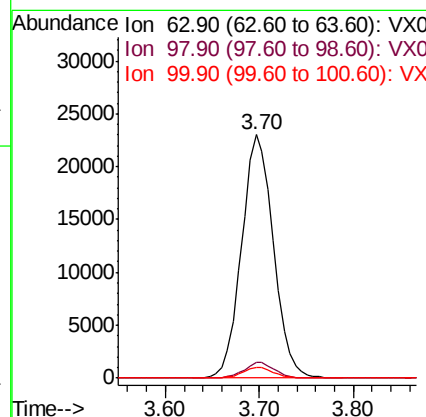
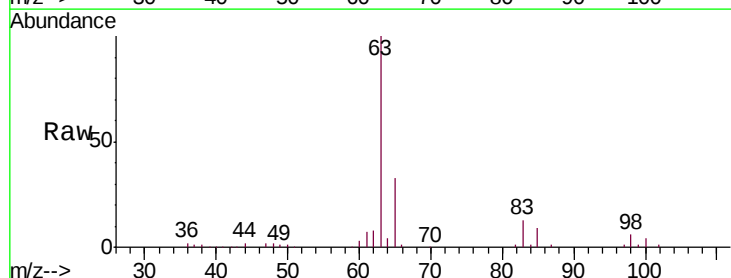
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

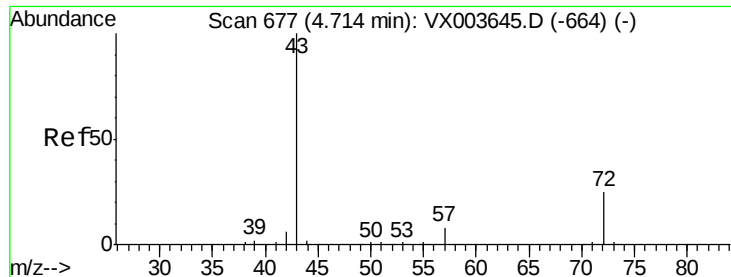
Tot Ion: 43 Resp: 394404
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.06 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 63 Resp: 54318
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 100.44 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

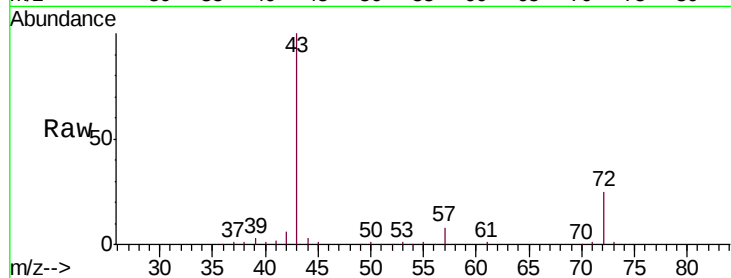
VX0726WBSD02

Tot Ion: 43 Resp: 117854

Ion Ratio Lower Upper

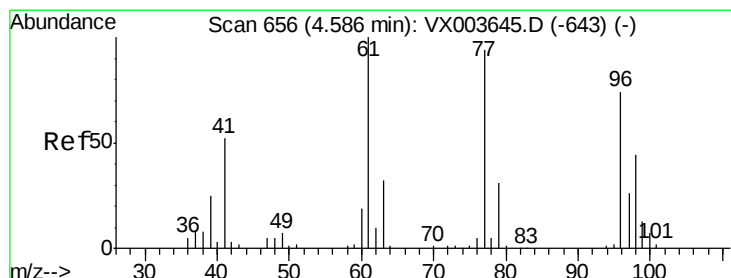
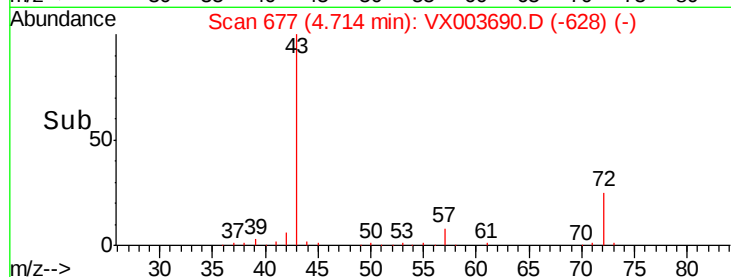
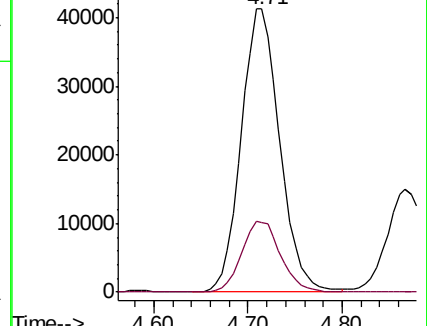
43 100

72 24.6 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: 13.85 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003690.D

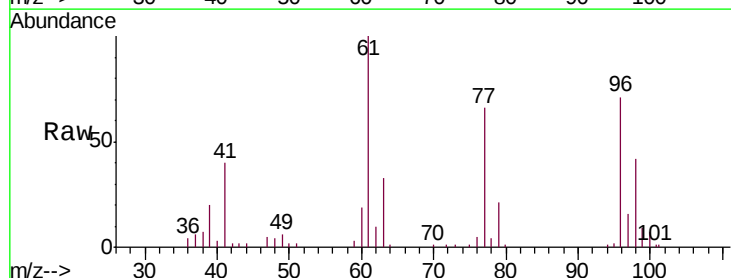
Acq: 27 Jul 2018 01:06

Tgt Ion: 77 Resp: 23723

Ion Ratio Lower Upper

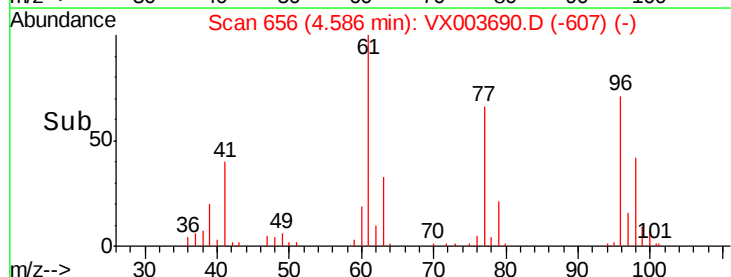
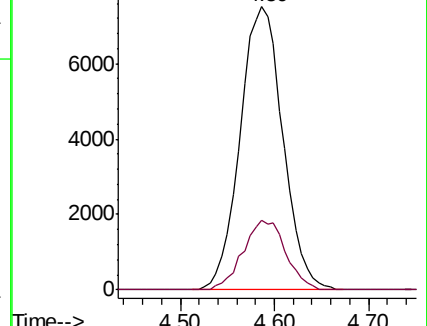
77 100

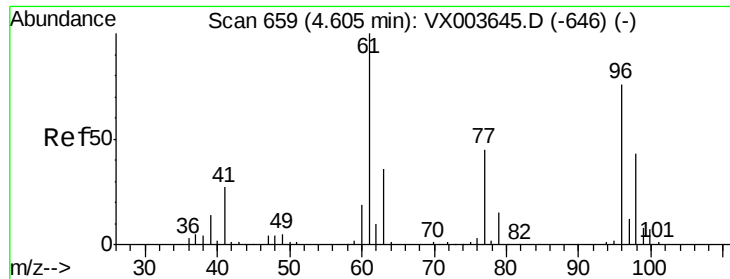
97 24.5 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



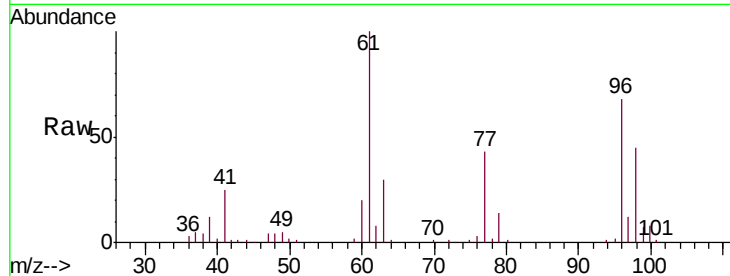


#27

cis-1,2-Dichloroethene
 Concen: 19.78 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	313.6
98	64.6	0.0	125.6

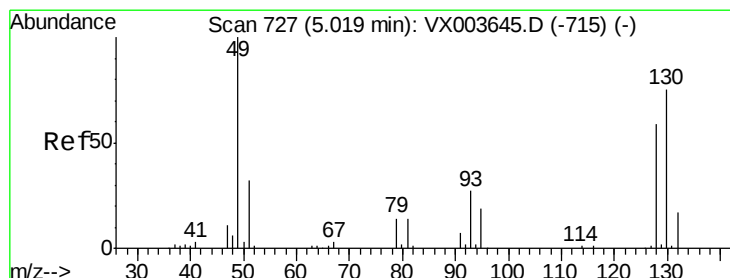
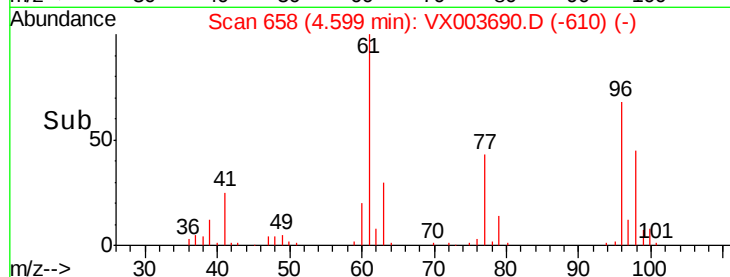
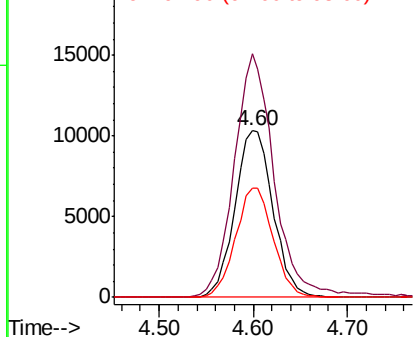


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

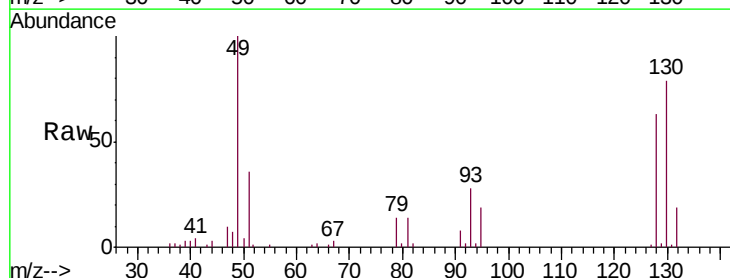
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 18.41 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	78.9	61.0	91.6

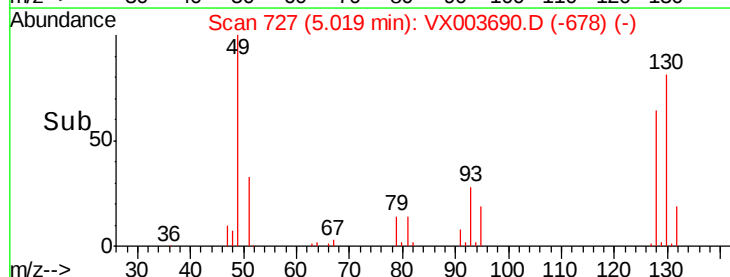
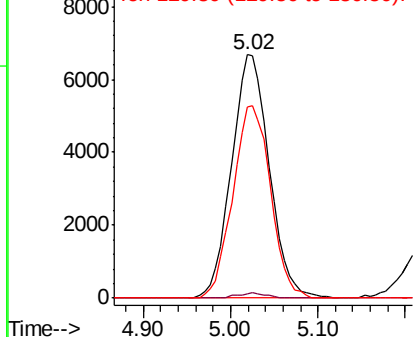


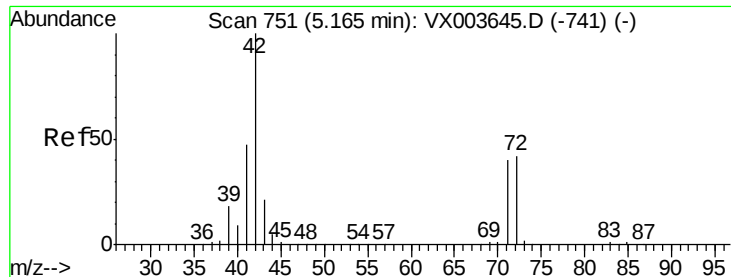
Abundance

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

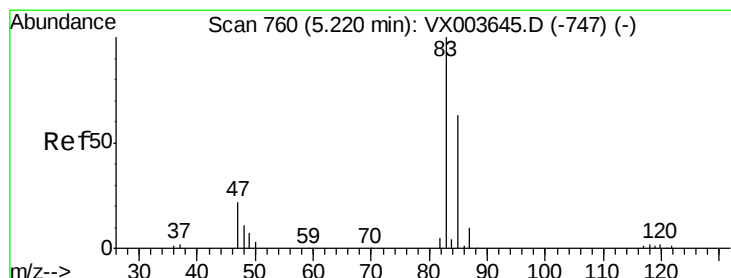
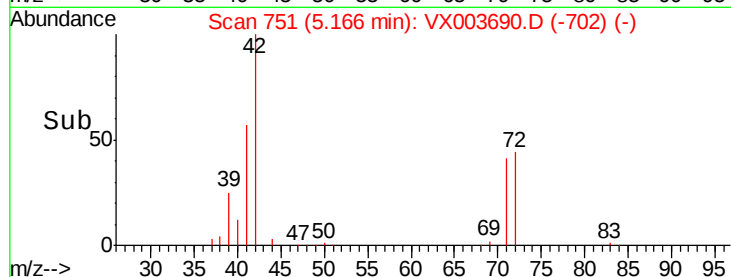
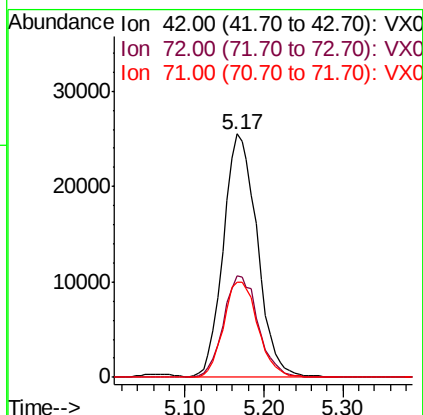
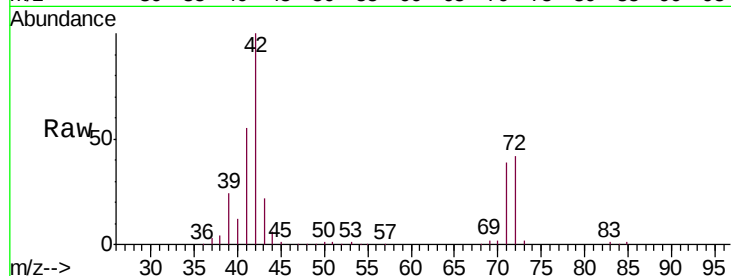




#29
Tetrahydrofuran
Concen: 99.20 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

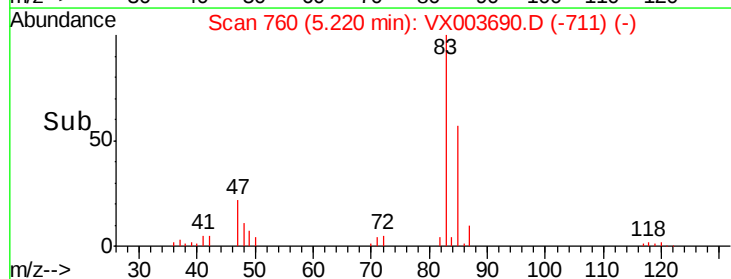
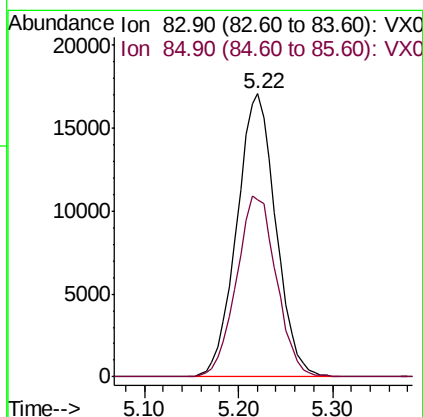
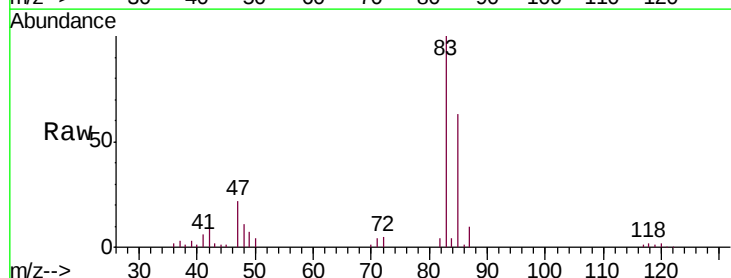
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

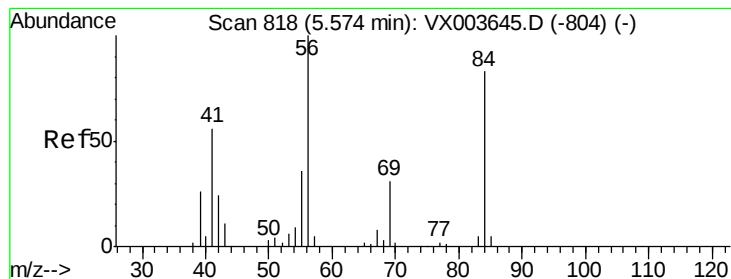
Tot Ion: 42 Resp: 75767
Ion Ratio Lower Upper
42 100
72 42.5 33.4 50.0
71 40.0 31.0 46.6



#30
Chloroform
Concen: 20.14 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 83 Resp: 49462
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4





#31

Cyclohexane

Concen: 19.70 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

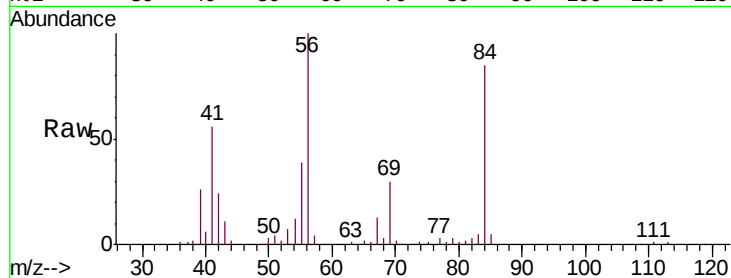
Tot Ion: 56 Resp: 42825

Ion Ratio Lower Upper

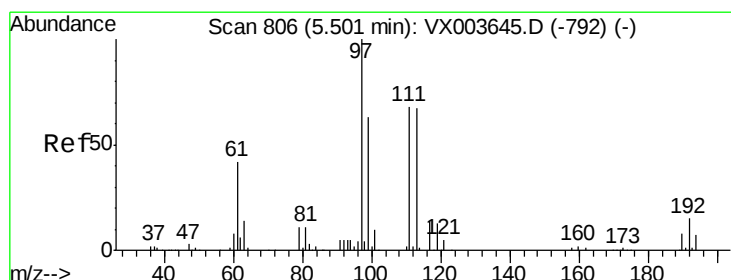
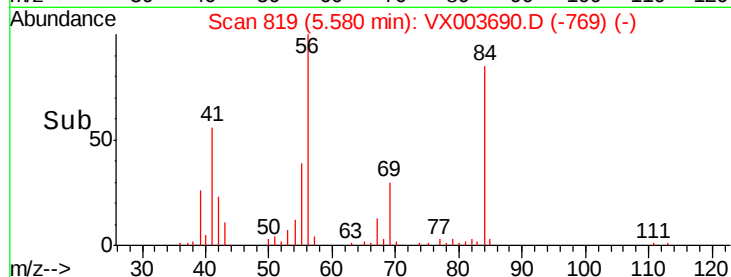
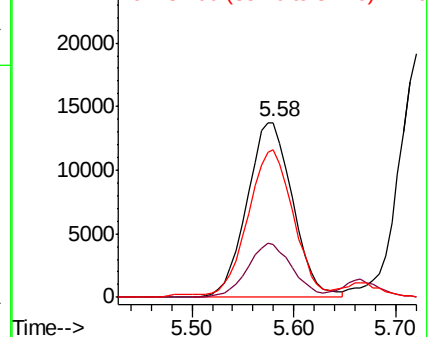
56 100

69 30.0 25.0 37.6

84 82.8 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: 20.46 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

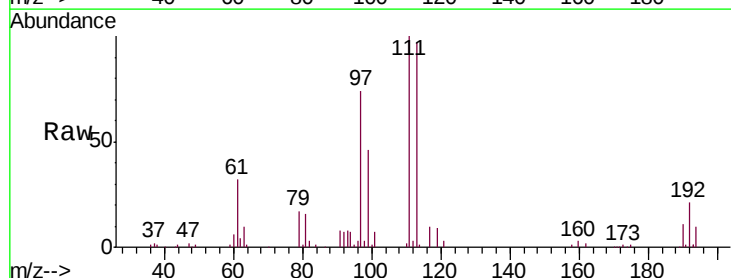
Tgt Ion: 97 Resp: 41742

Ion Ratio Lower Upper

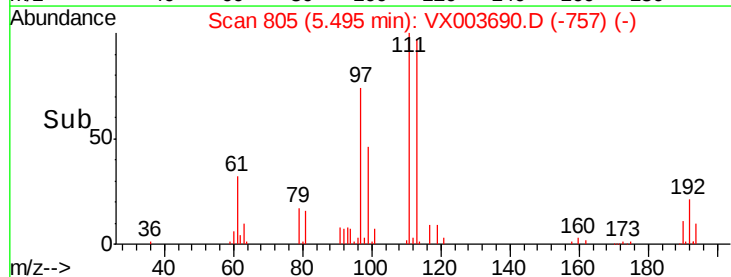
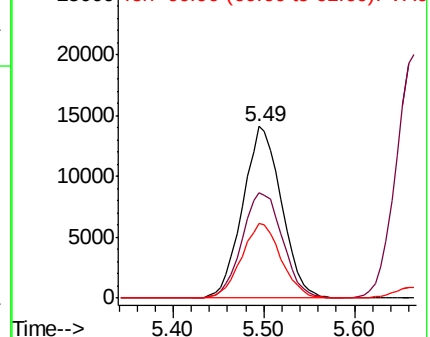
97 100

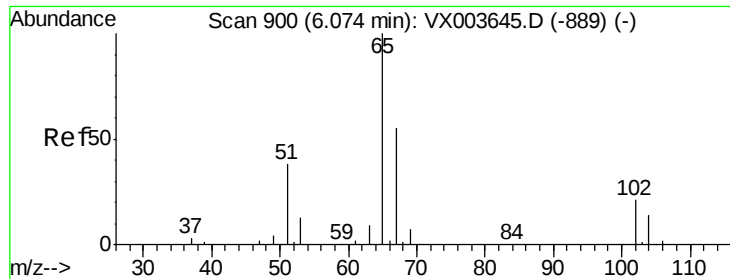
99 64.1 50.4 75.6

61 44.4 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: 49.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

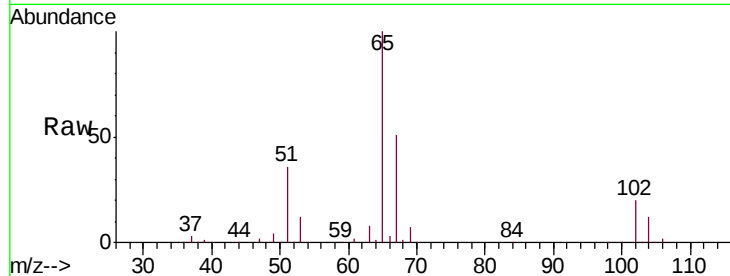
VX0726WBSD02

Tot Ion: 65 Resp: 80635

Ion Ratio Lower Upper

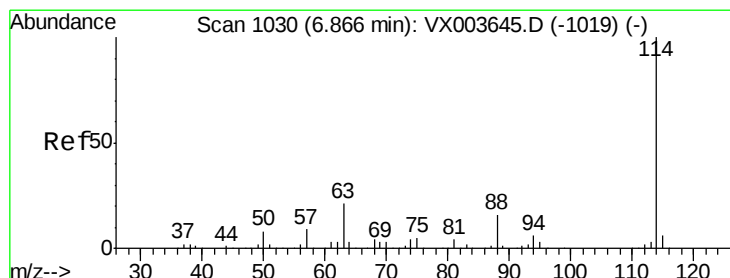
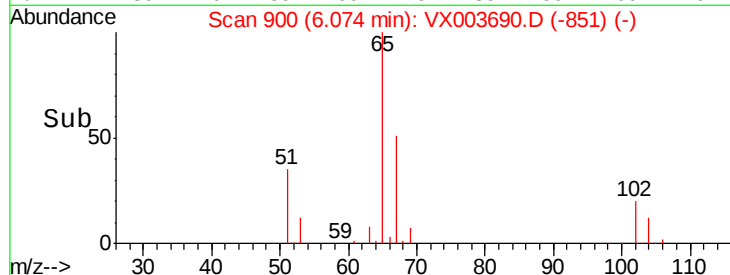
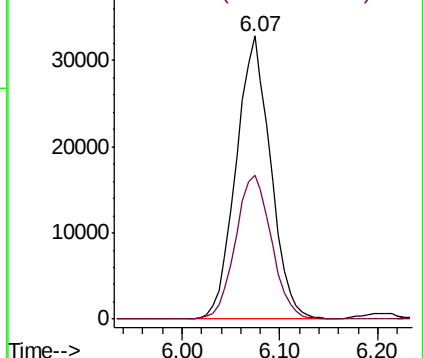
65 100

67 52.9 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: VX003690.D

Acq: 27 Jul 2018 01:06

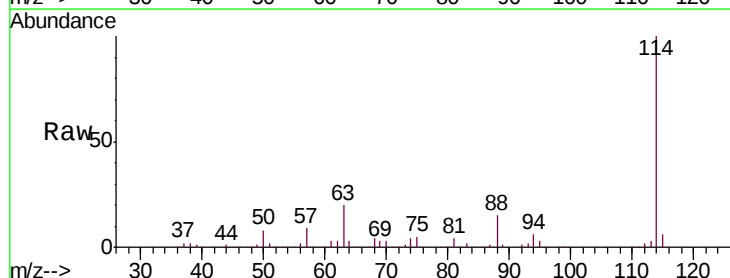
Tgt Ion: 114 Resp: 163034

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

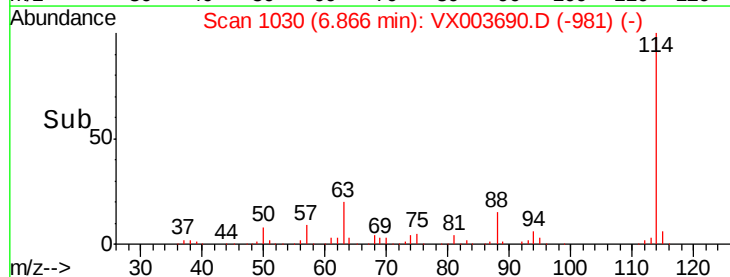
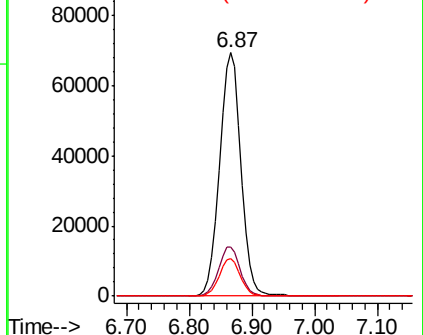
88 15.3 0.0 31.8

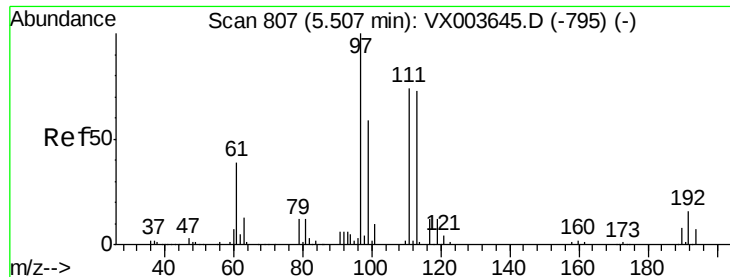


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

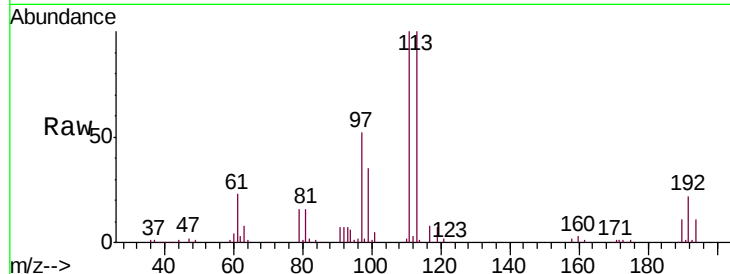




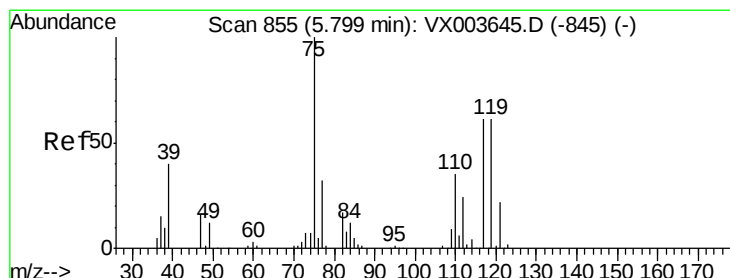
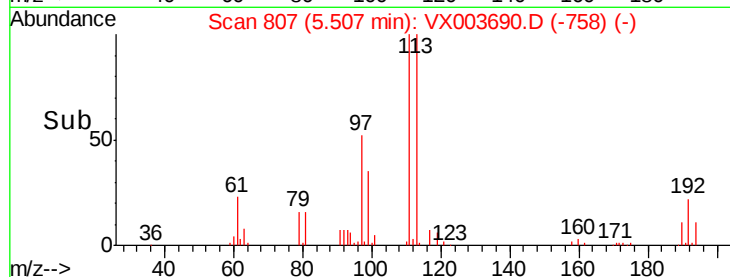
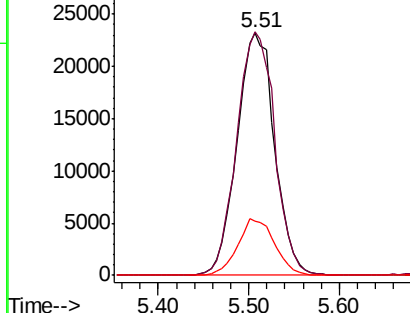
#35
 Dibromofluoromethane
 Concen: 50.02 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion:113 Resp: 66661
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.2 121.8
 192 22.8 18.2 27.4

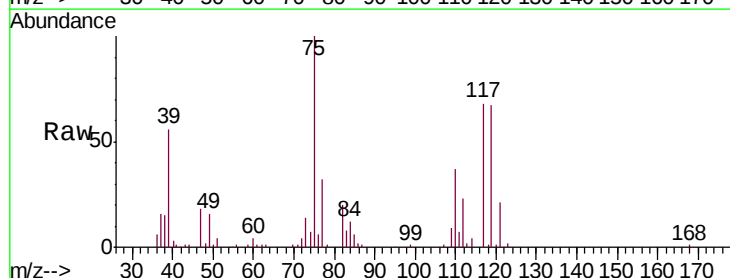


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

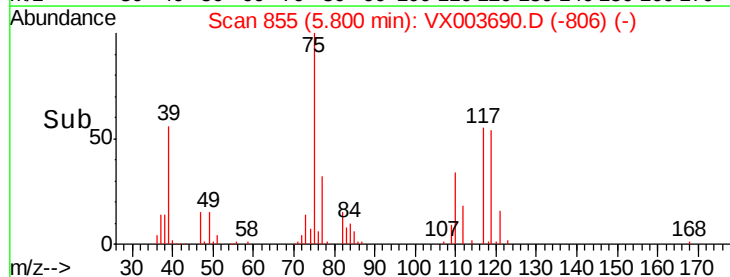
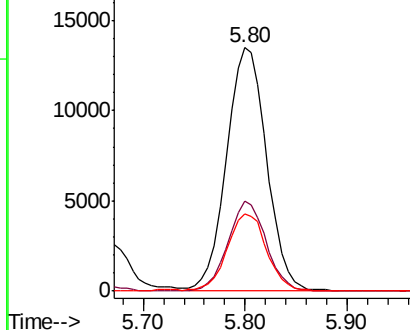


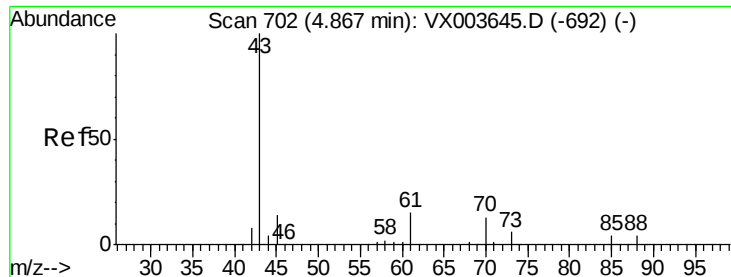
#36
 1,1-Dichloropropene
 Concen: 19.22 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 75 Resp: 36628
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.1 54.1
 77 31.3 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

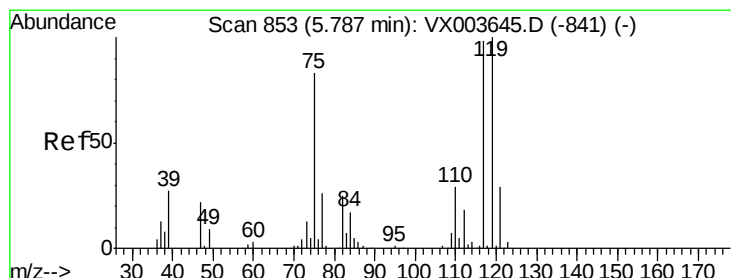
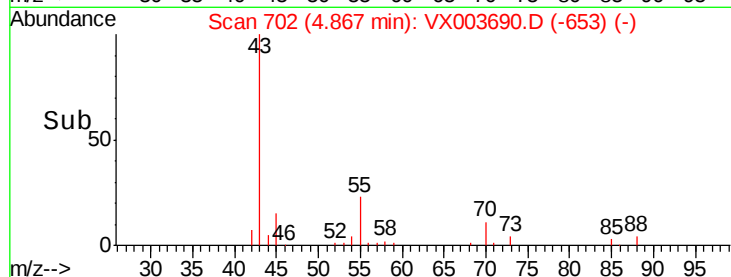
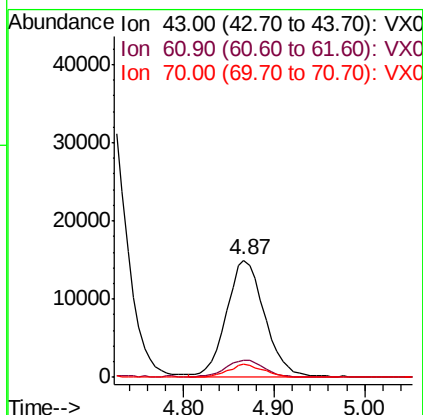
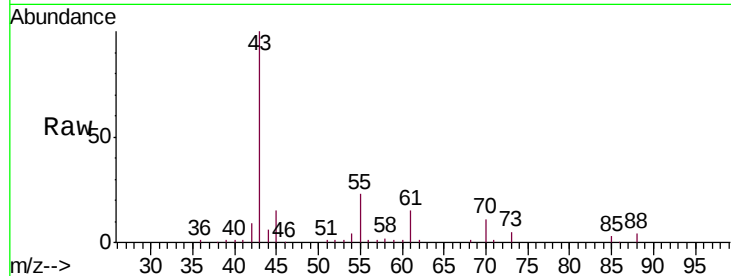




#37
Ethyl Acetate
Concen: 18.93 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

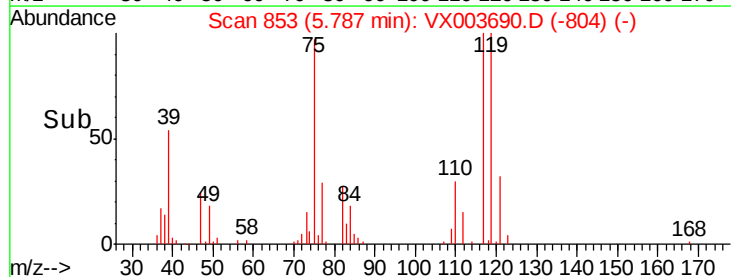
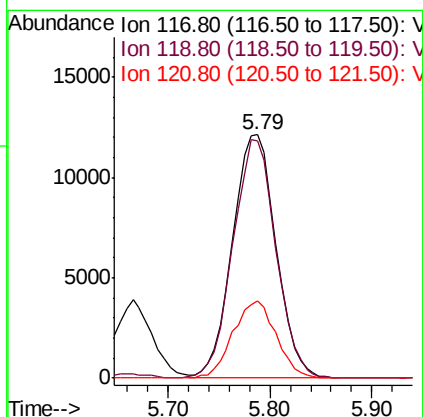
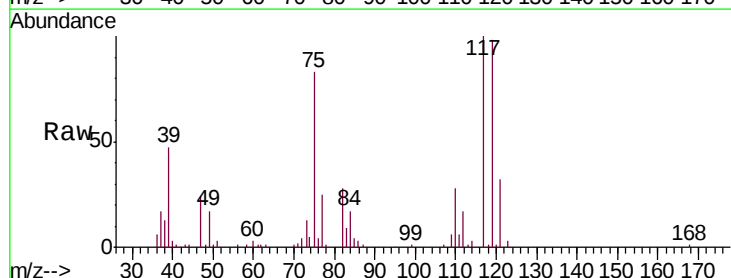
Instrument :
MSVOA_X
ClientSampleID :
VX0726WBSD02

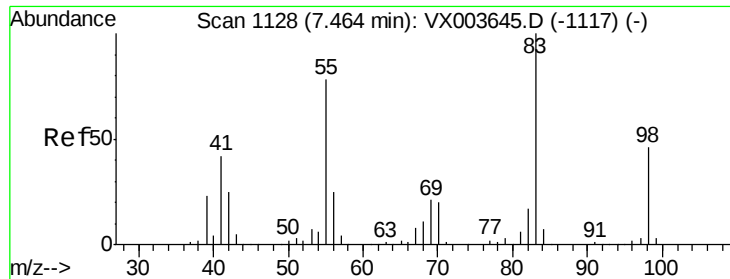
Tot Ion: 43 Resp: 43375
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.59 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 117 Resp: 35985
Ion Ratio Lower Upper
117 100
119 97.6 81.0 121.4
121 31.8 23.7 35.5

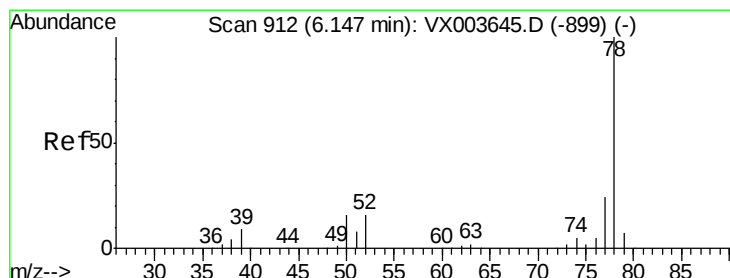
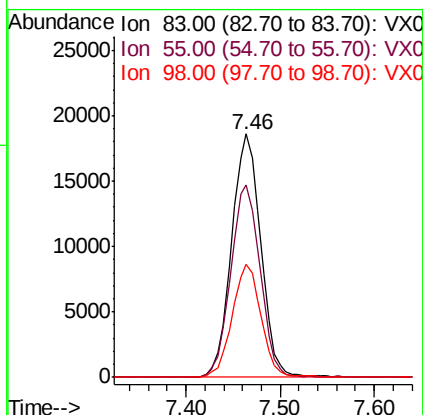
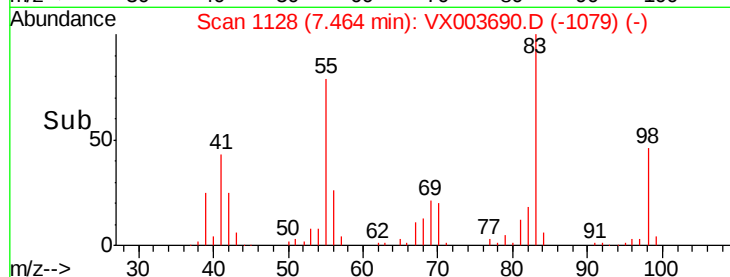
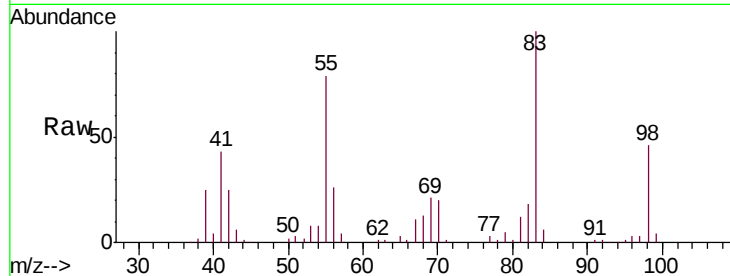




#39
Methvlcvclohexane
Concen: 19.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

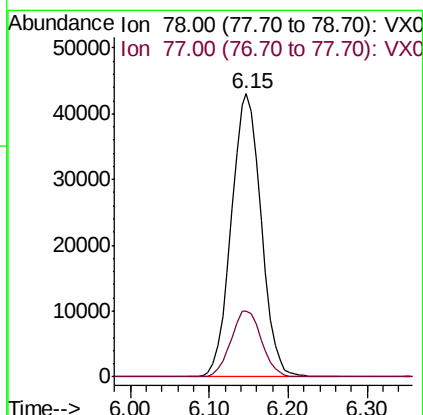
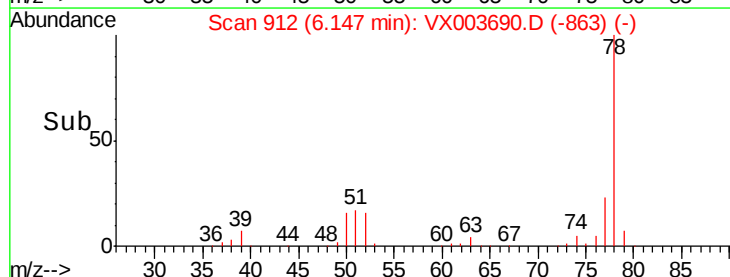
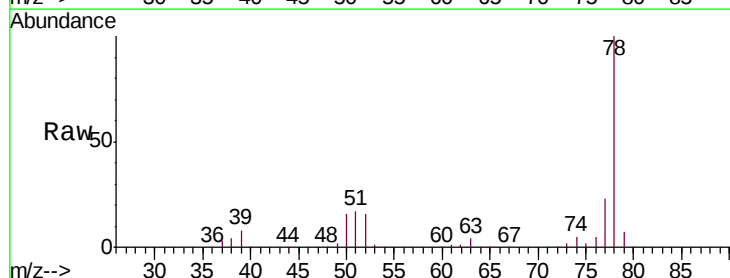
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

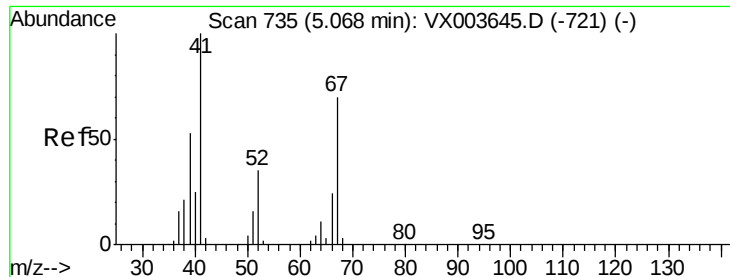
Tot Ion: 83 Resp: 40103
Ion Ratio Lower Upper
83 100
55 79.0 62.6 93.8
98 46.4 36.6 55.0



#40
Benzene
Concen: 20.05 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 78 Resp: 113066
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

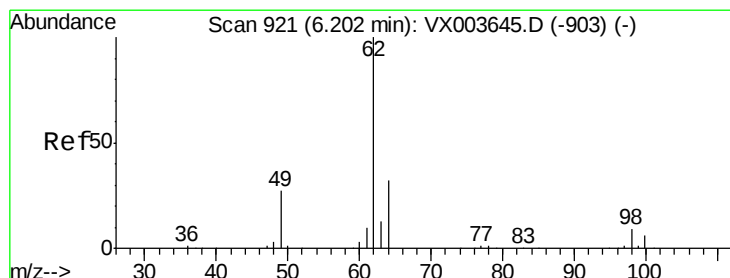
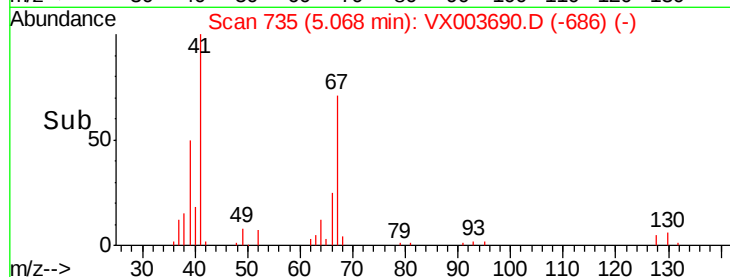
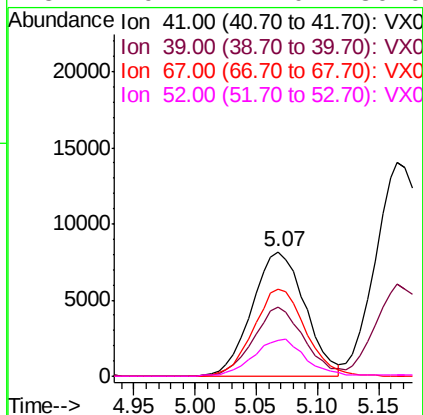
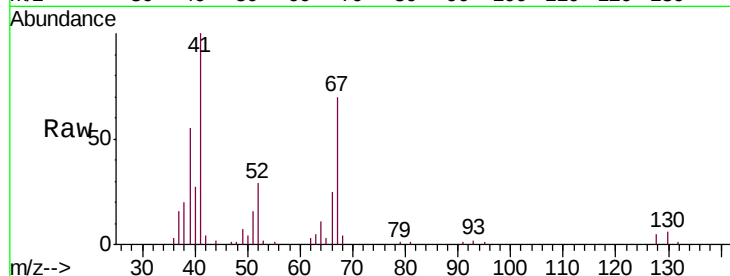




#41
Methacrylonitrile
Concen: 19.43 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

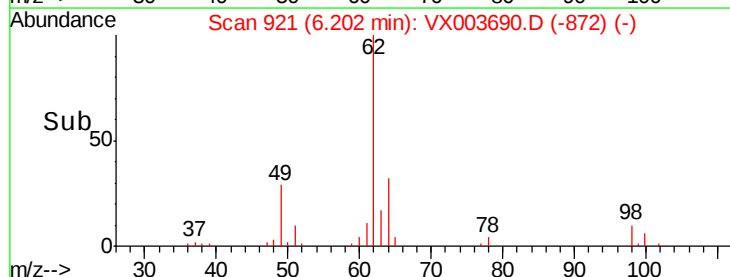
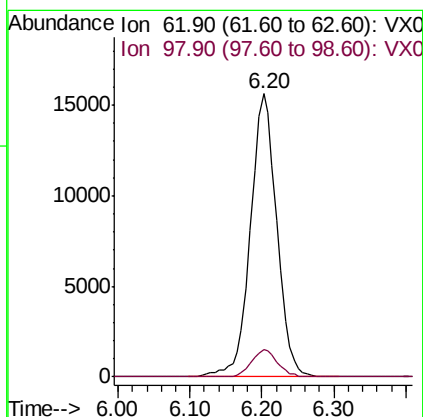
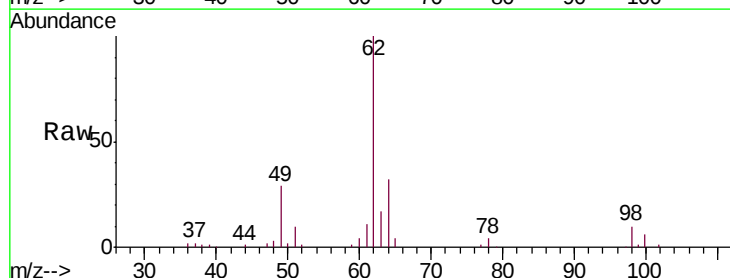
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

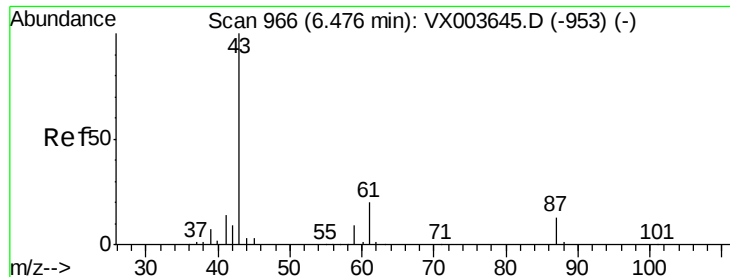
Tot Ion:	41	Resp:	24657
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.2	63.4
67	68.8	56.6	84.8
52	29.4	24.0	36.0



#42
1,2-Dichloroethane
Concen: 20.05 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion:	62	Resp:	39801
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4



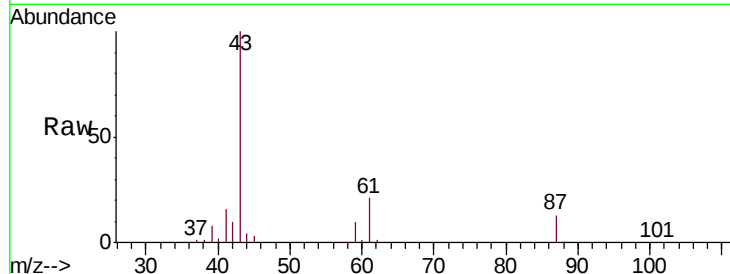


#43

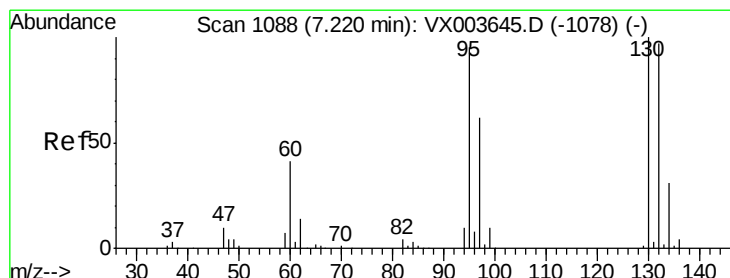
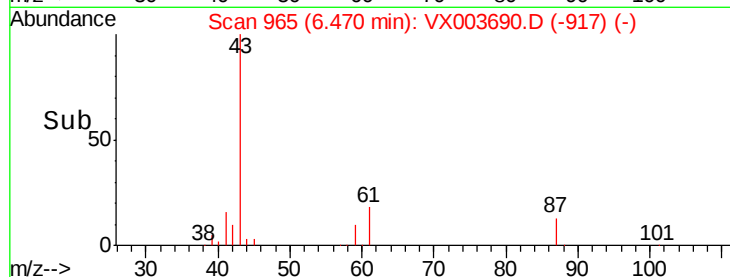
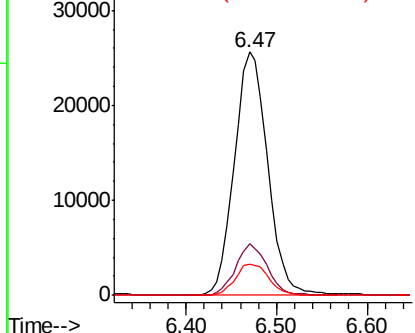
Isopropyl Acetate
 Concen: 19.56 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion: 43 Resp: 65377
 Ion Ratio Lower Upper
 43 100
 61 20.0 15.9 23.9
 87 12.8 10.1 15.1



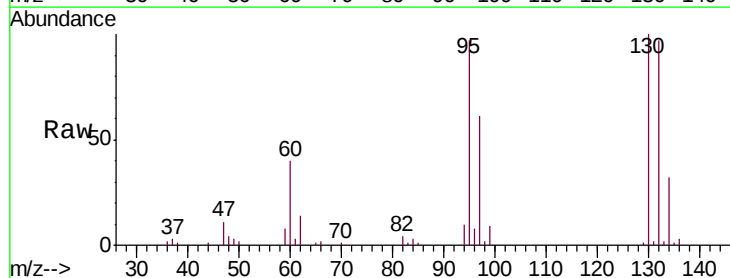
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



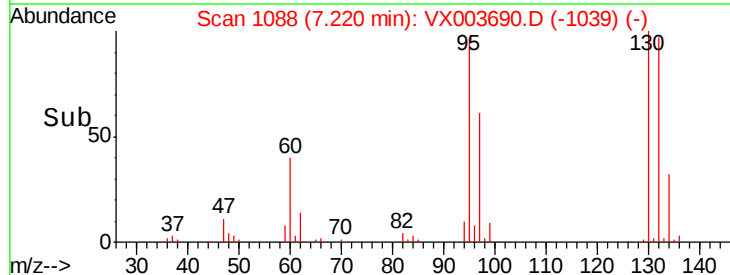
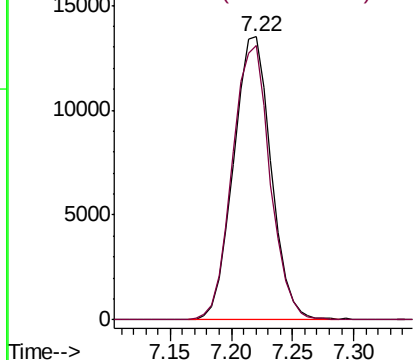
#44

Trichloroethene
 Concen: 19.05 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion:130 Resp: 28798
 Ion Ratio Lower Upper
 130 100
 95 97.1 0.0 190.0



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

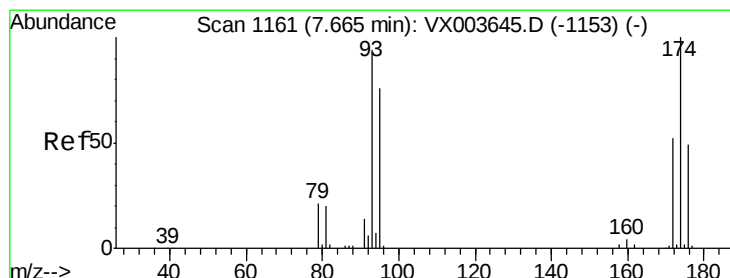
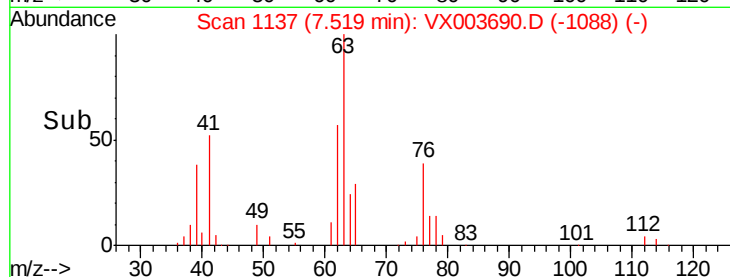
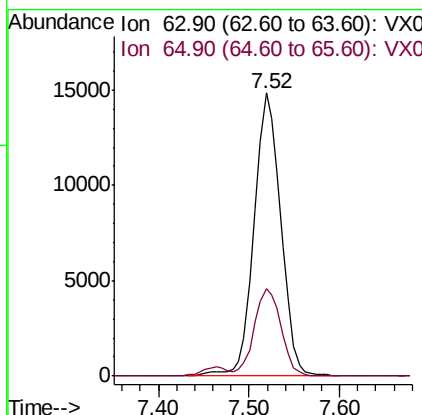
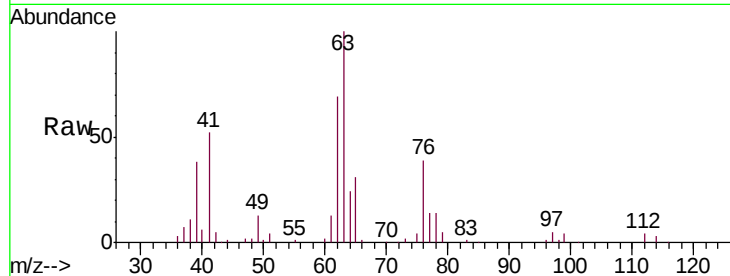




#45
 1,2-Dichloropropane
 Concen: 20.83 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

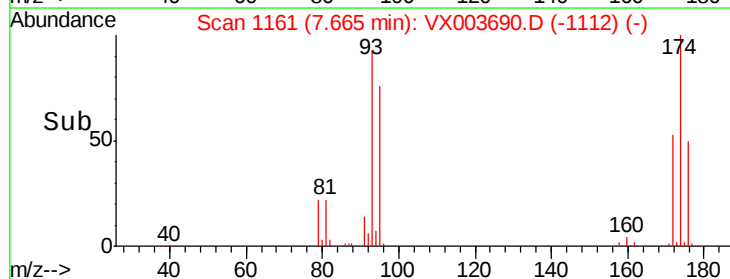
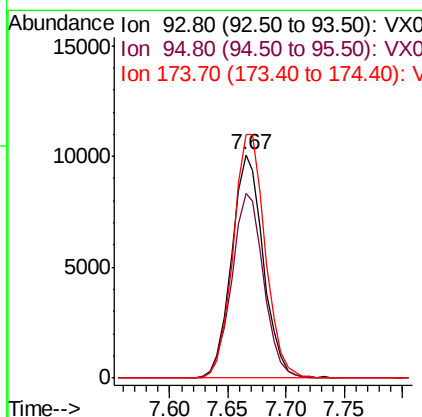
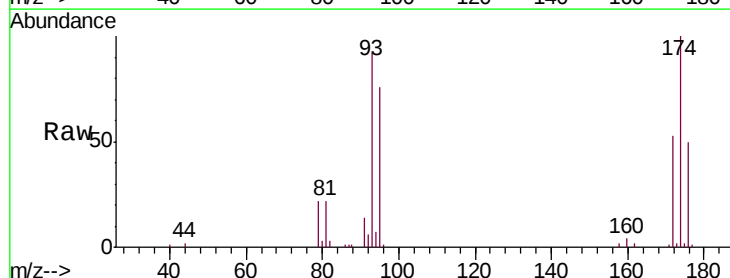
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

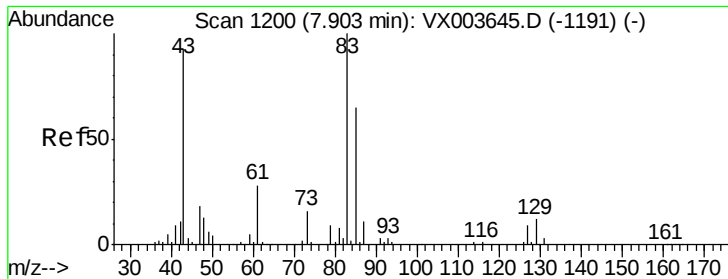
Tot Ion: 63 Resp: 30365
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.0 36.0



#46
 Dibromomethane
 Concen: 20.34 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 93 Resp: 19052
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.6
 174 110.5 89.6 134.4





#47

Bromodichloromethane

Concen: 19.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

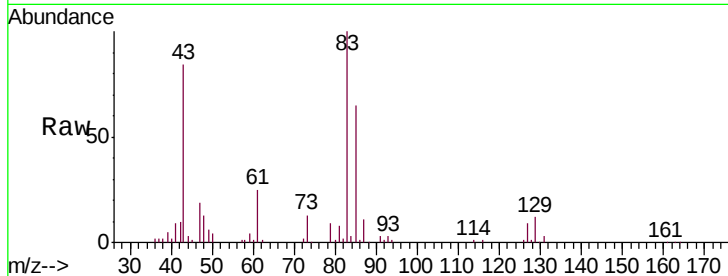
Tot Ion: 83 Resp: 34833

Ion Ratio Lower Upper

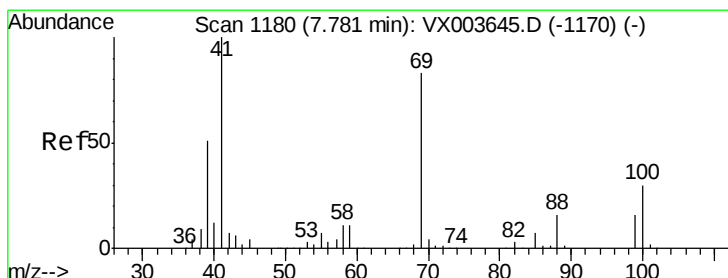
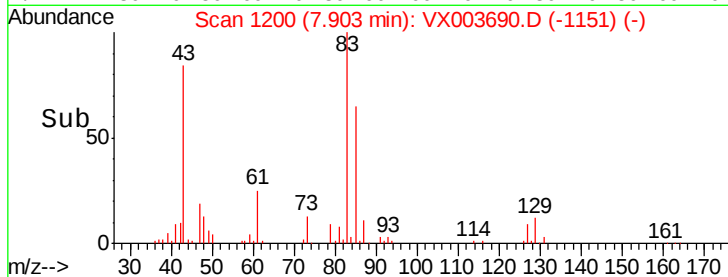
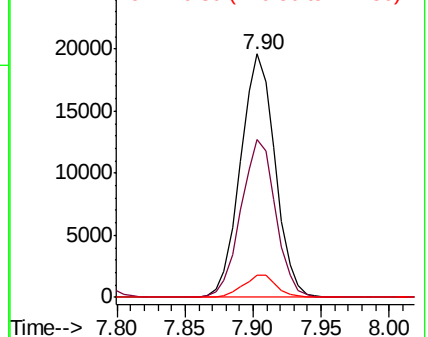
83 100

85 64.6 51.8 77.6

127 8.9 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: 19.66 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

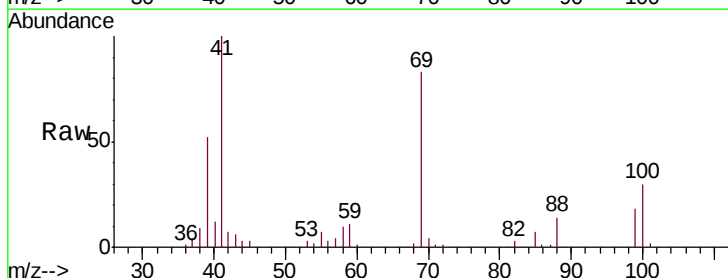
Tgt Ion: 41 Resp: 33356

Ion Ratio Lower Upper

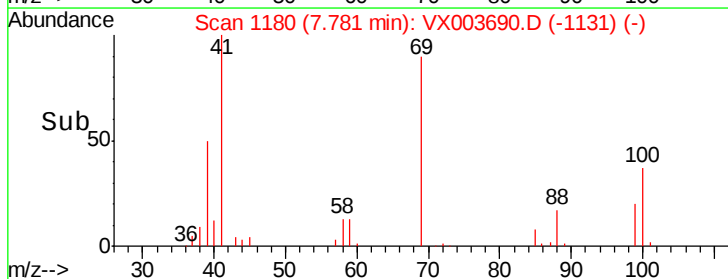
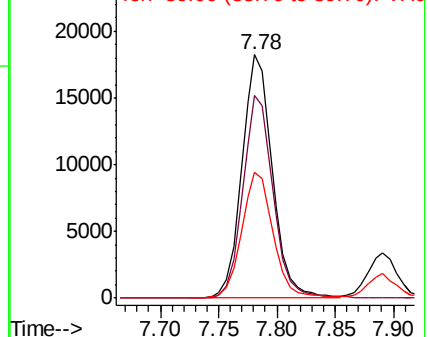
41 100

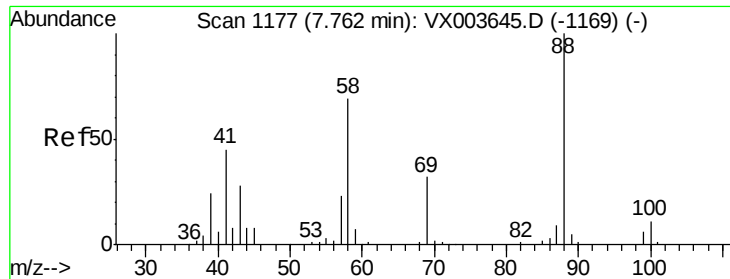
69 82.7 66.9 100.3

39 53.3 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

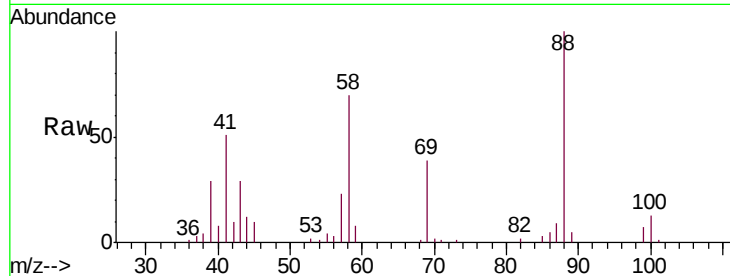




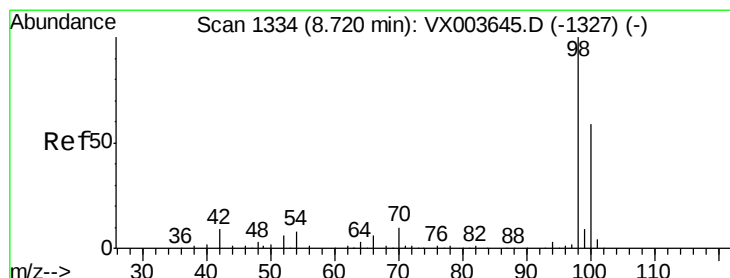
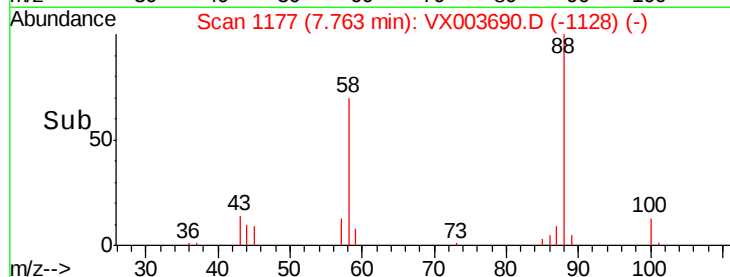
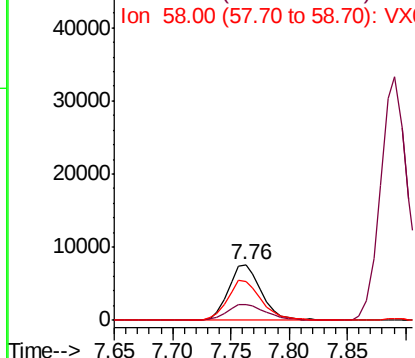
#49
1,4-Dioxane
Concen: 398.06 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion: 88 Resp: 15065
Ion Ratio Lower Upper
88 100
43 34.6 25.8 38.6
58 73.4 58.3 87.5

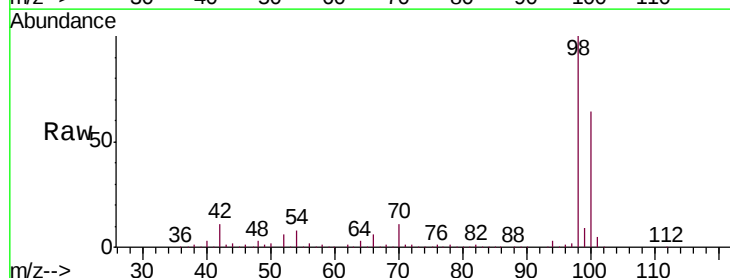


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

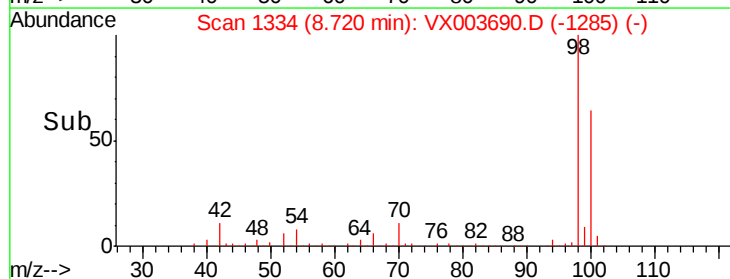
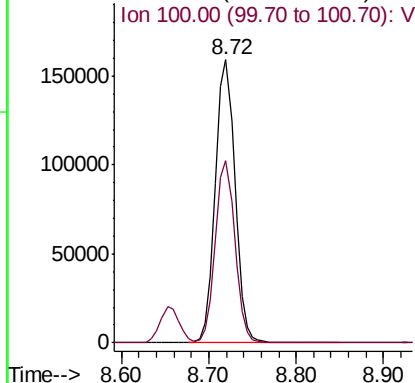


#50
Toluene-d8
Concen: 49.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 98 Resp: 249271
Ion Ratio Lower Upper
98 100
100 64.1 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: 99.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

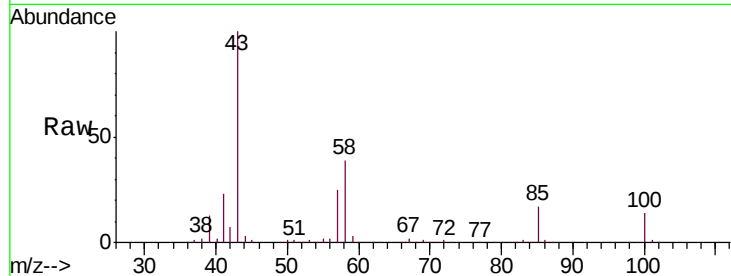
VX0726WBSD02

Tot Ion: 43 Resp: 225368

Ion Ratio Lower Upper

43 100

58 38.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

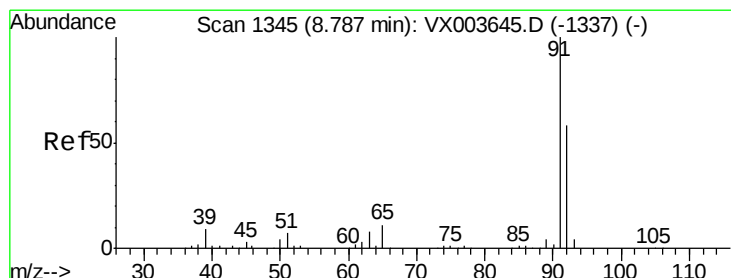
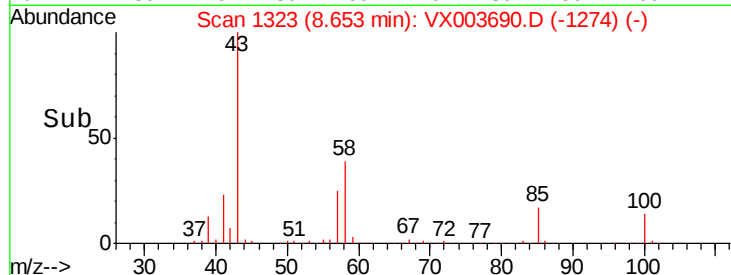
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.81 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003690.D

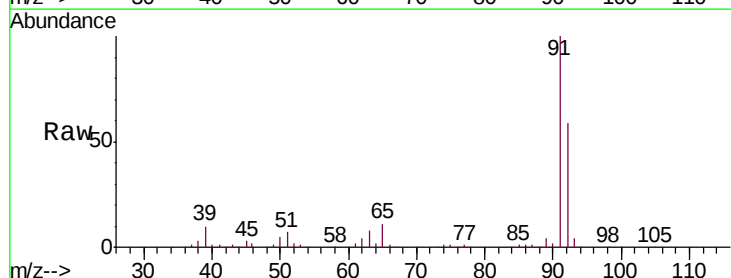
Acq: 27 Jul 2018 01:06

Tgt Ion: 92 Resp: 69432

Ion Ratio Lower Upper

92 100

91 174.9 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

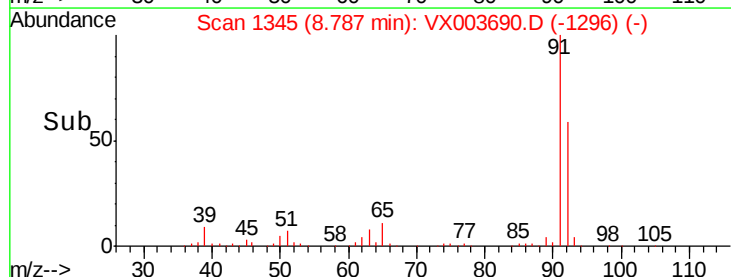
60000

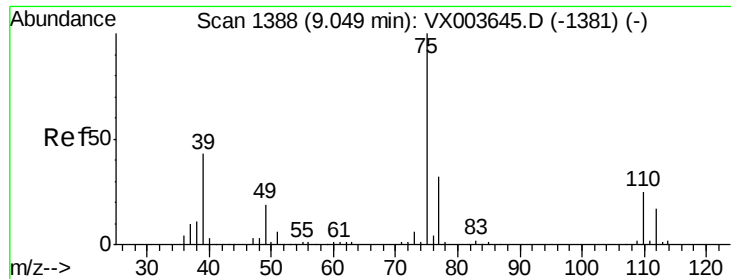
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.54 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

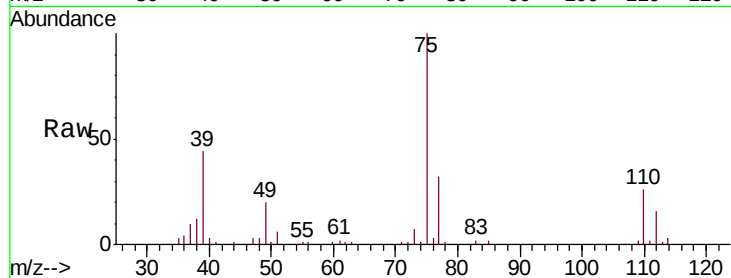
VX0726WBSD02

Tot Ion: 75 Resp: 36049

Ion Ratio Lower Upper

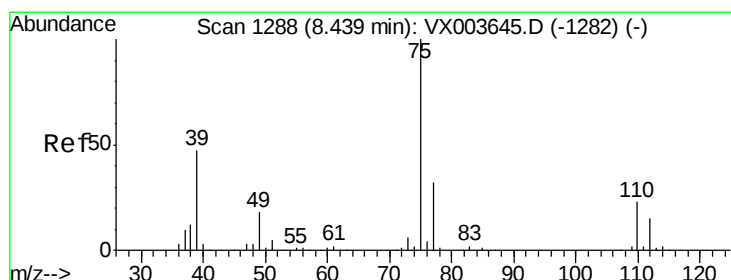
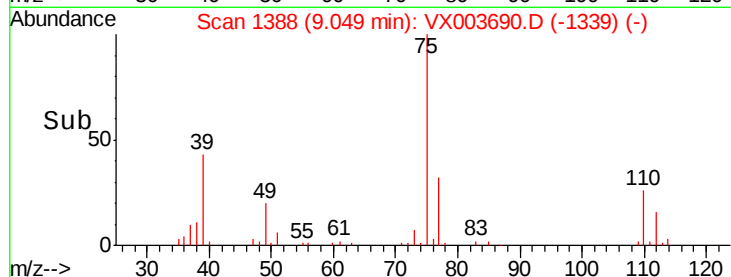
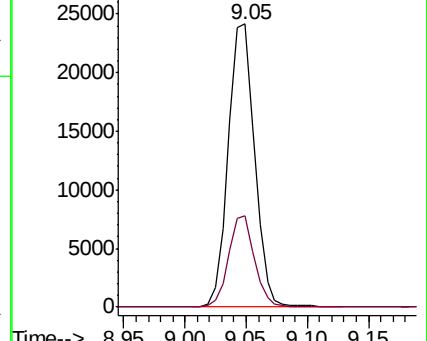
75 100

77 32.2 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: 18.75 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

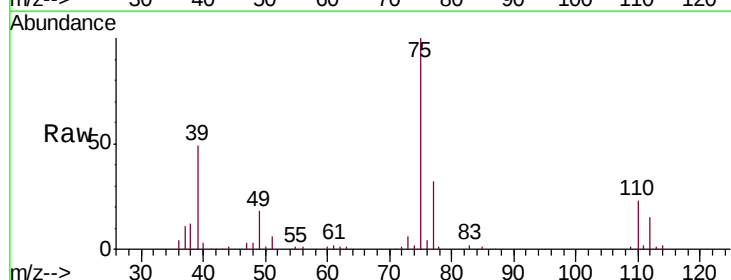
Tgt Ion: 75 Resp: 40102

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

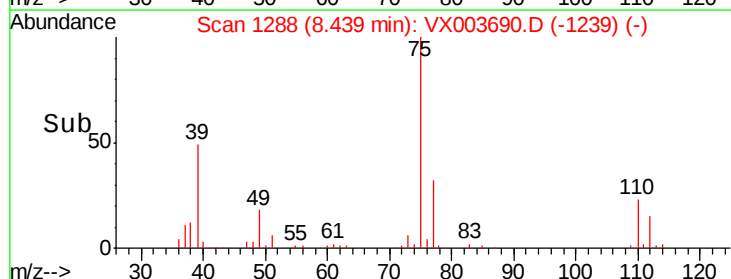
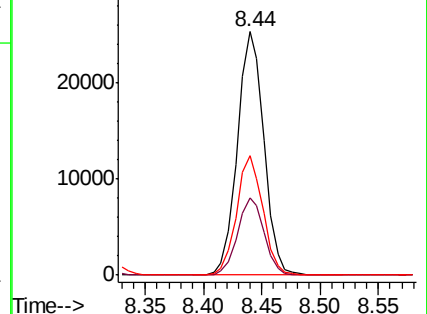
39 48.9 38.0 57.0

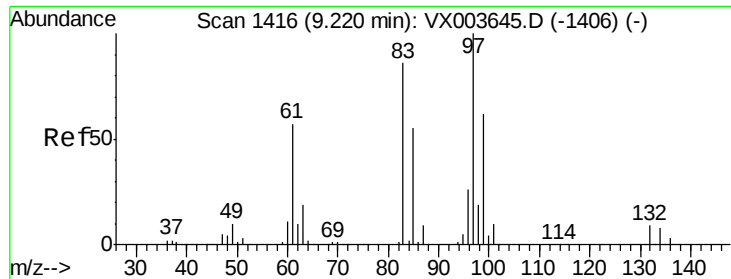


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

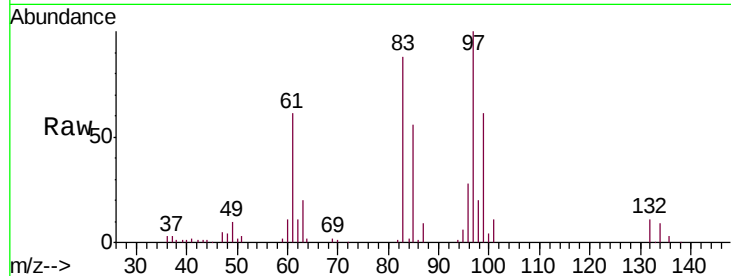




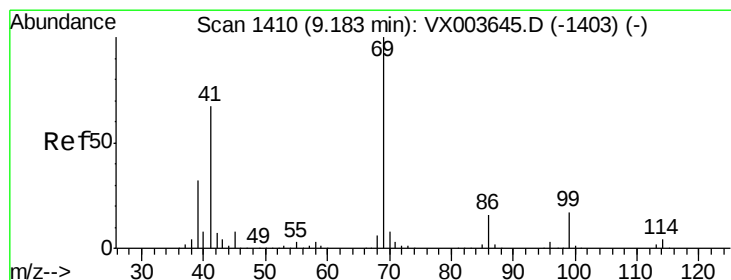
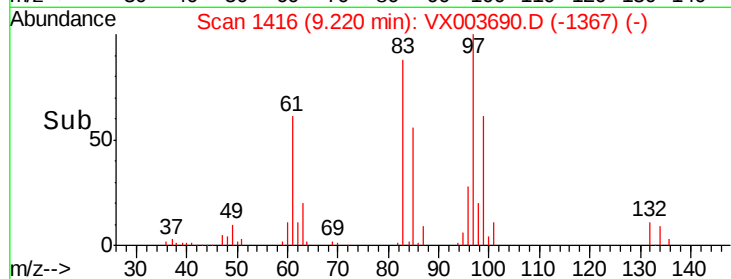
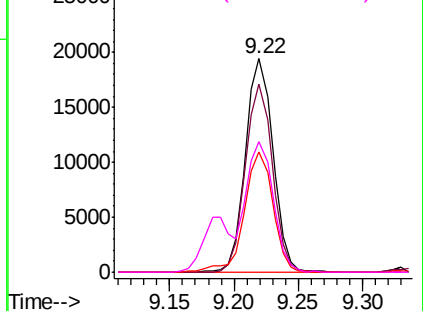
#55
 1,1,2-Trichloroethane
 Concen: 20.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion:	97	Resp:	28685
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.7	103.1
85	56.3	43.7	65.5
99	61.2	49.6	74.4

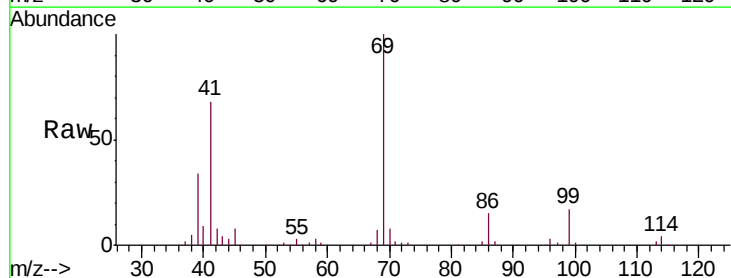


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

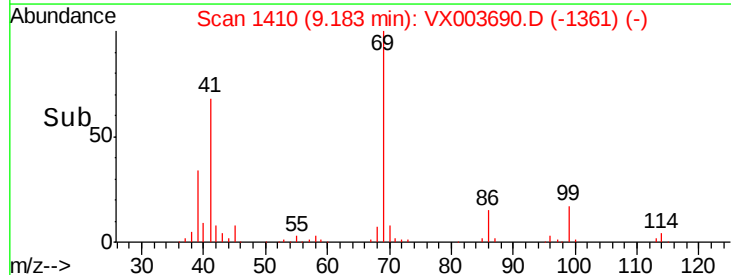
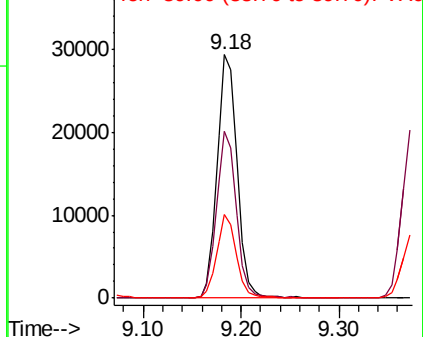


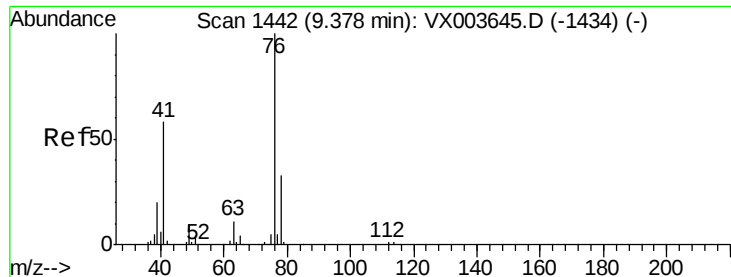
#56
 Ethyl methacrylate
 Concen: 19.62 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion:	69	Resp:	41835
Ion	Ratio	Lower	Upper
69	100		
41	68.2	53.8	80.6
39	33.7	25.8	38.8



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





#57

1,3-Dichloropropane

Concen: 20.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

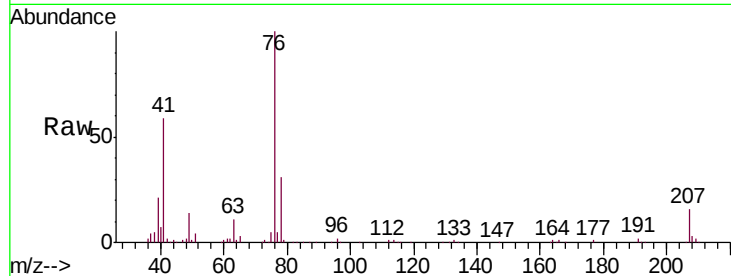
VX0726WBSD02

Tot Ion: 76 Resp: 48333

Ion Ratio Lower Upper

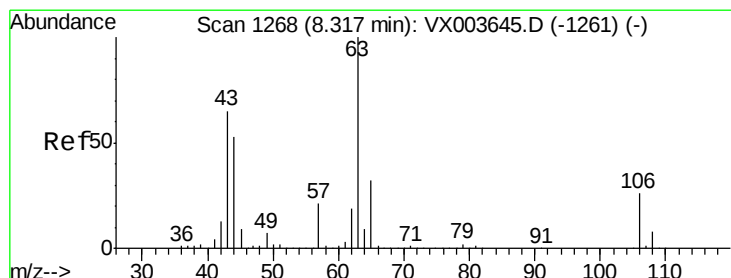
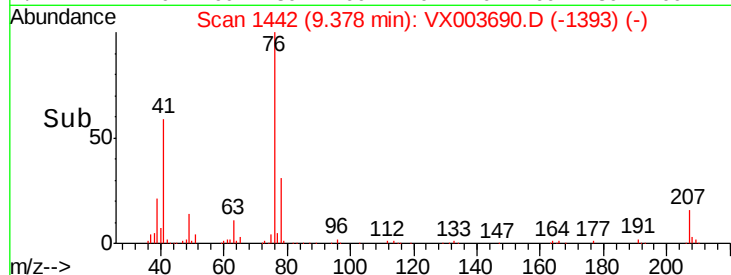
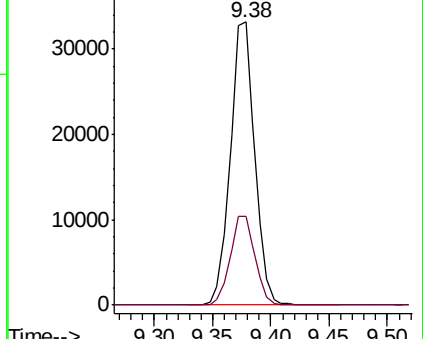
76 100

78 32.0 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: 102.24 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003690.D

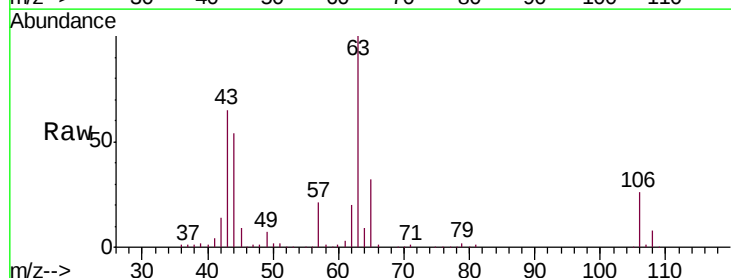
Acq: 27 Jul 2018 01:06

Tgt Ion: 63 Resp: 109547

Ion Ratio Lower Upper

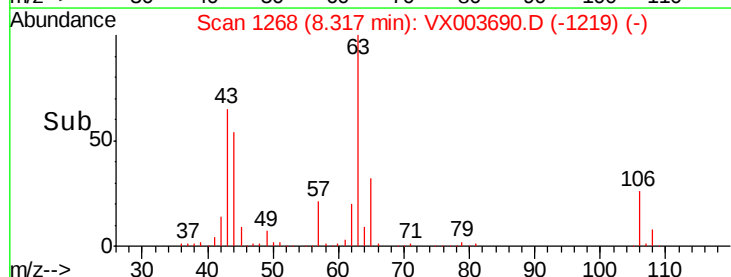
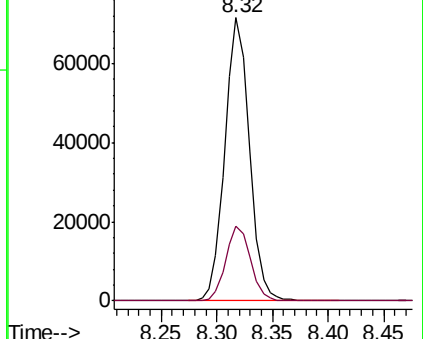
63 100

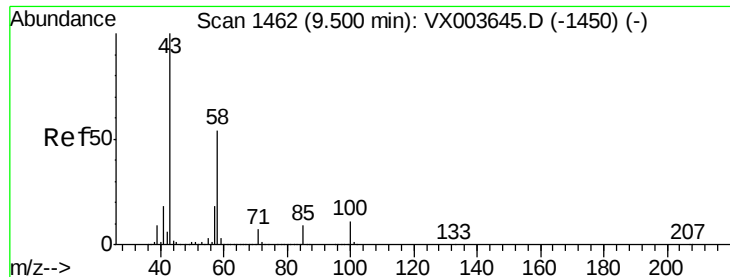
106 26.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

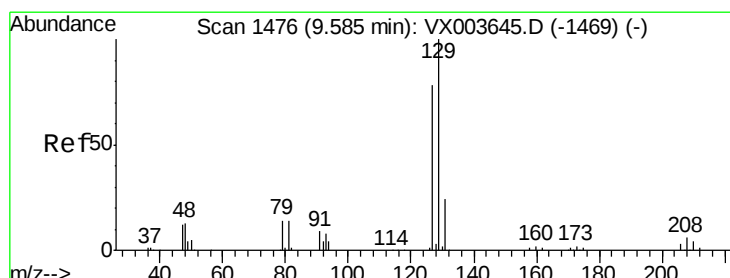
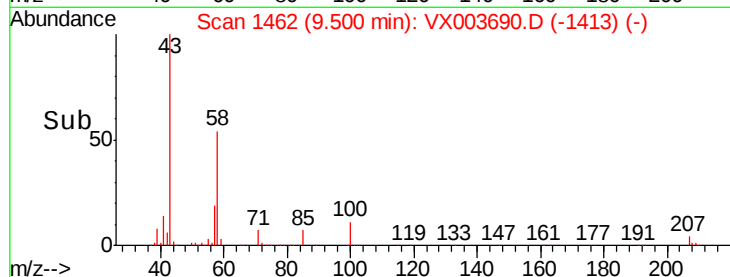
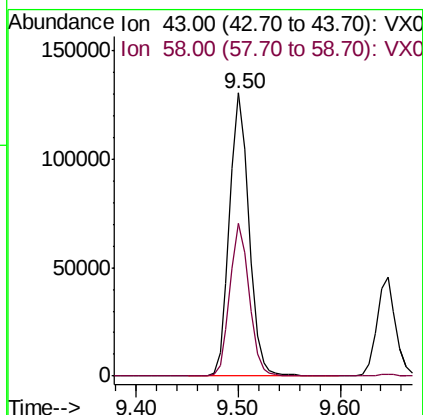
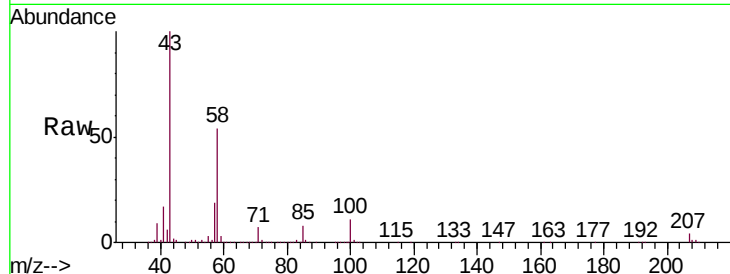




#59
2-Hexanone
Concen: 99.70 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

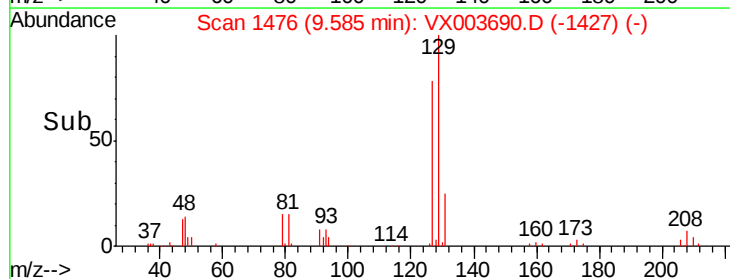
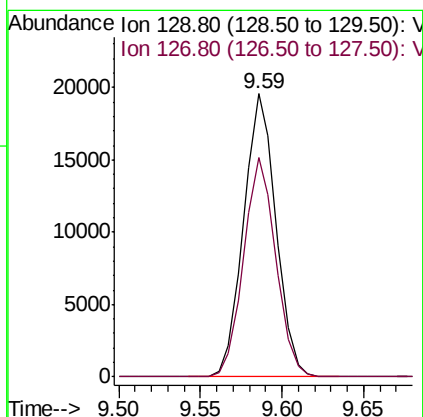
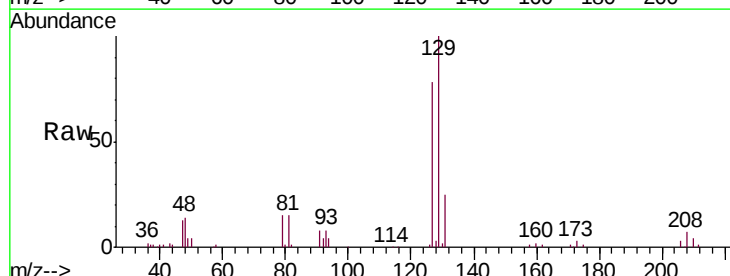
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

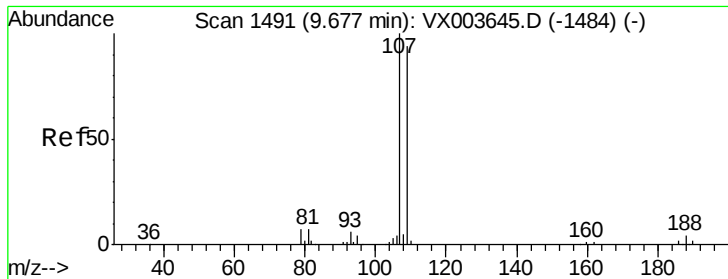
Tot Ion: 43 Resp: 172508
Ion Ratio Lower Upper
43 100
58 53.7 27.3 81.9



#60
Dibromochloromethane
Concen: 19.90 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 129 Resp: 27046
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.91 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

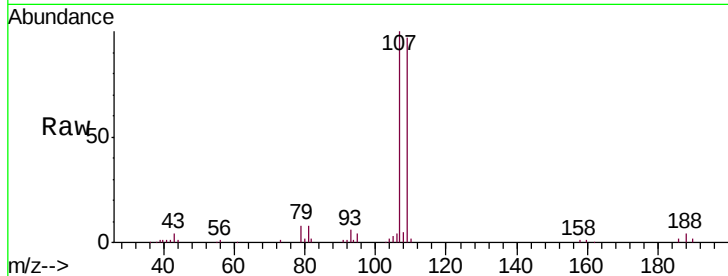
VX0726WBSD02

Tot Ion:107 Resp: 29710

Ion Ratio Lower Upper

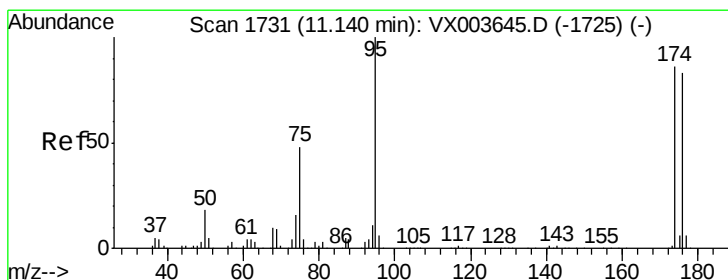
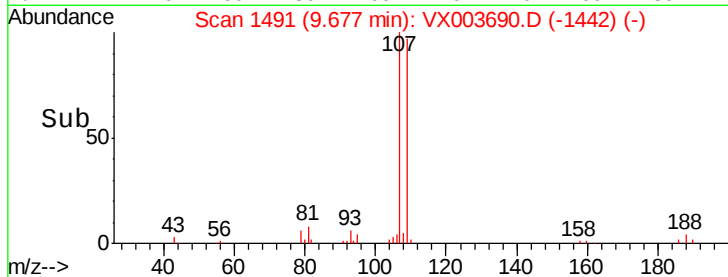
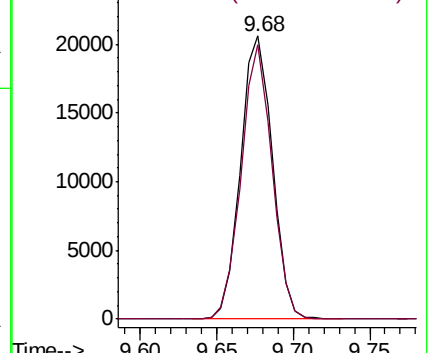
107 100

109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

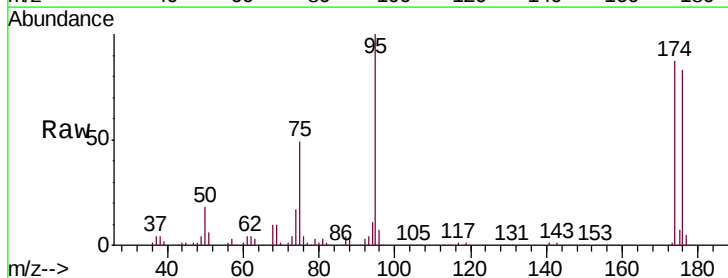
Tgt Ion: 95 Resp: 90091

Ion Ratio Lower Upper

95 100

174 88.0 0.0 179.0

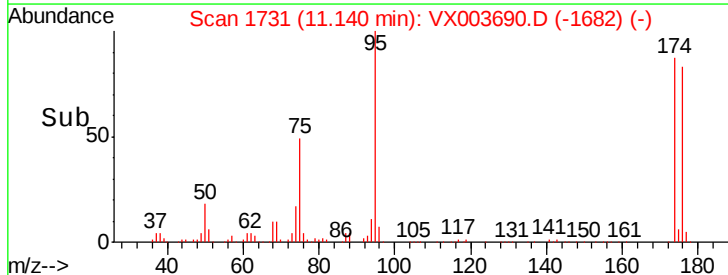
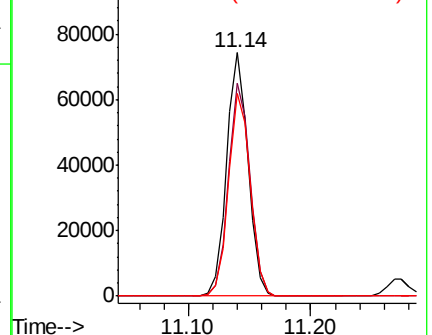
176 84.5 0.0 173.0

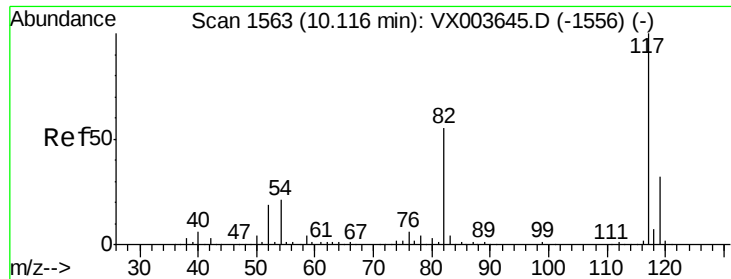


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

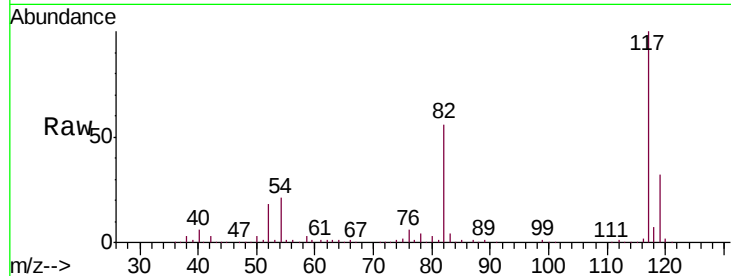




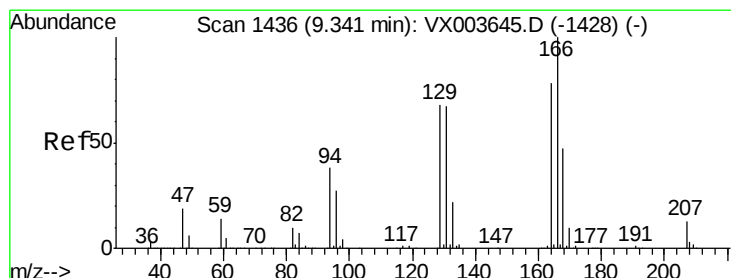
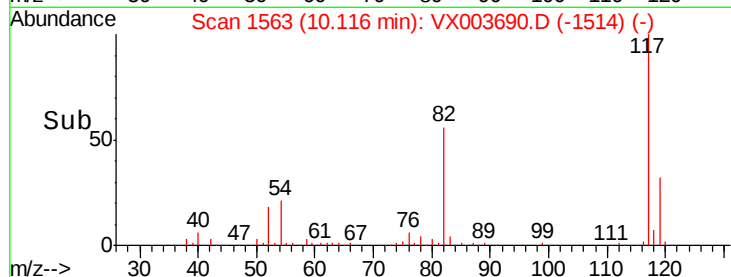
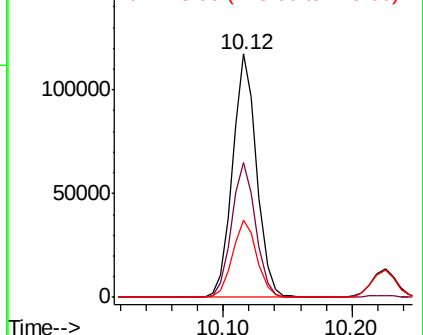
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion:117 Resp: 152579
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.9 25.6 38.4

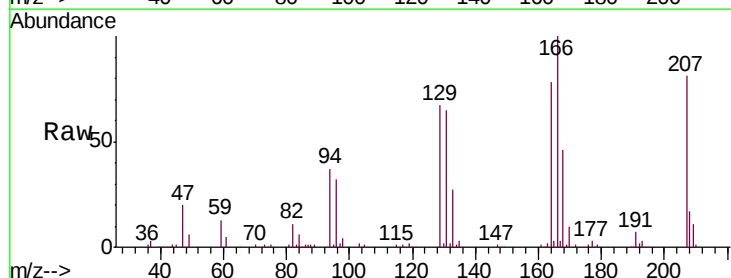


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

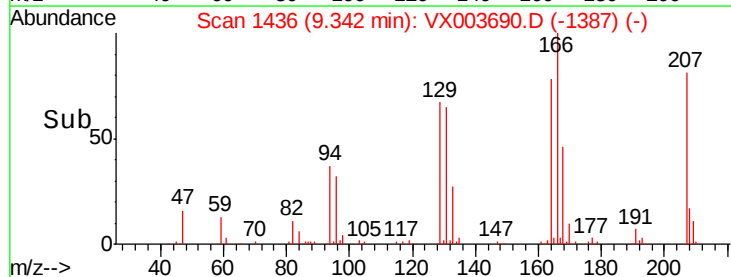
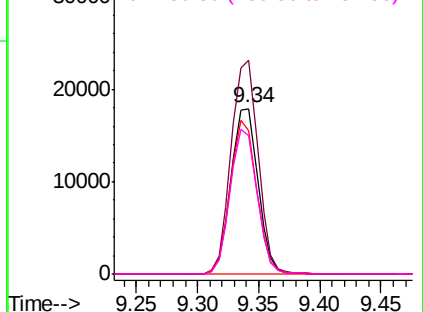


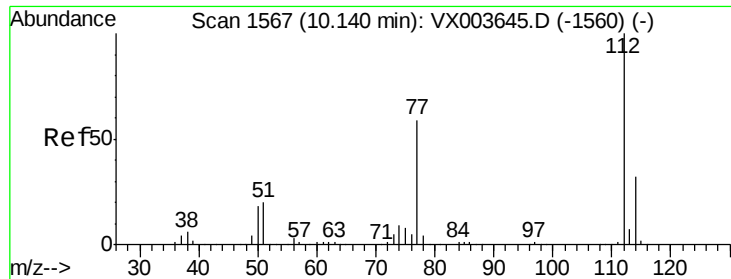
#64
Tetrachloroethene
Concen: 19.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion:164 Resp: 27519
Ion Ratio Lower Upper
164 100
166 128.9 102.4 153.6
129 86.4 69.6 104.4
131 83.6 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.88 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

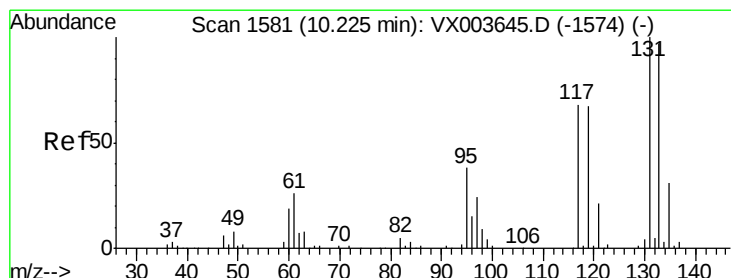
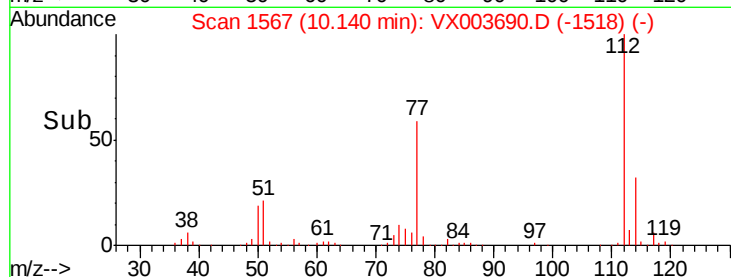
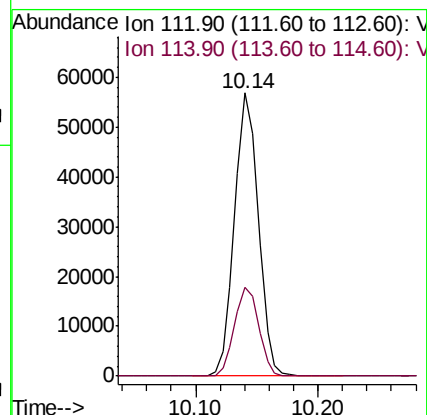
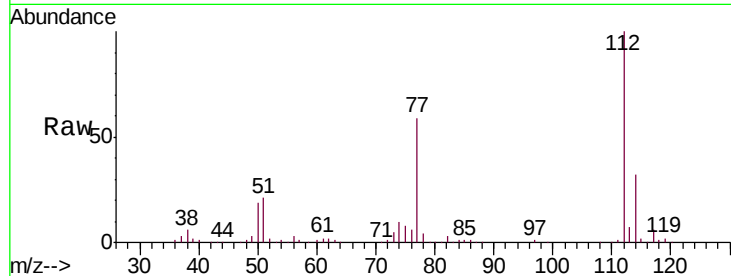
VX0726WBSD02

Tot Ion:112 Resp: 76331

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.12 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

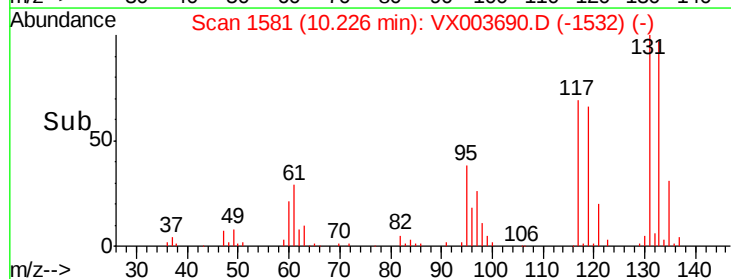
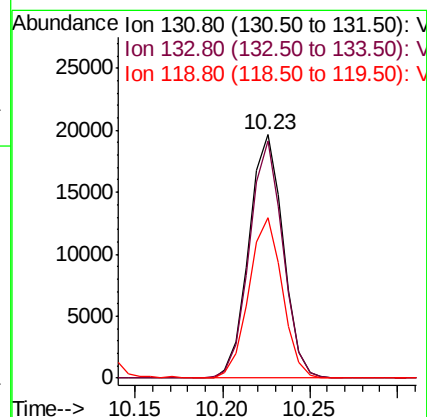
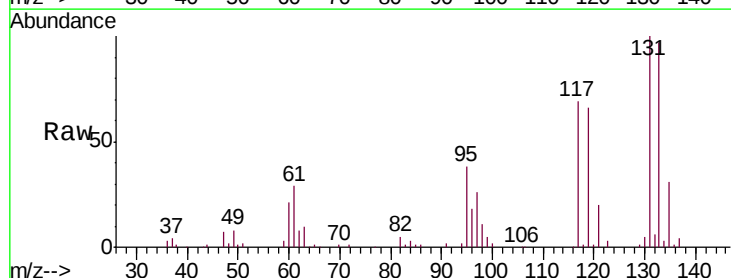
Tgt Ion:131 Resp: 26859

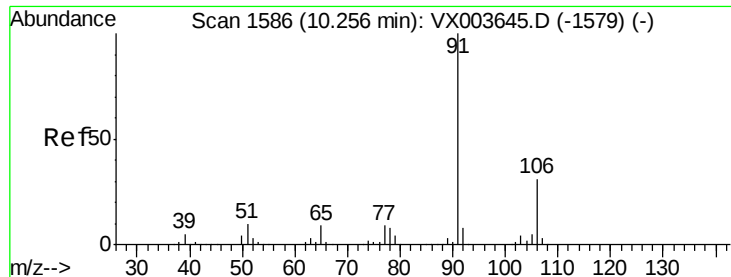
Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.8

119 64.6 32.8 98.4

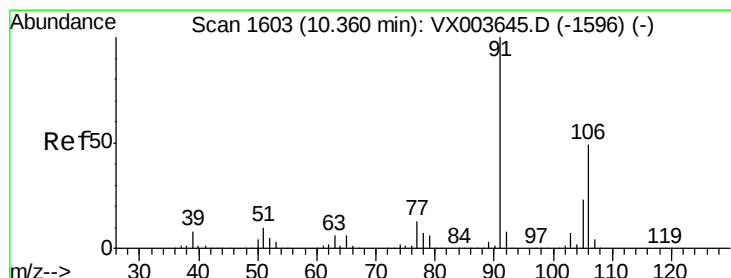
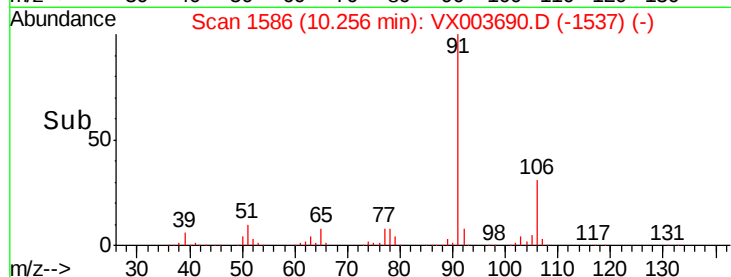
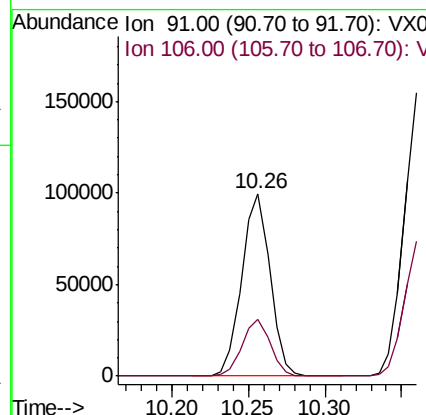
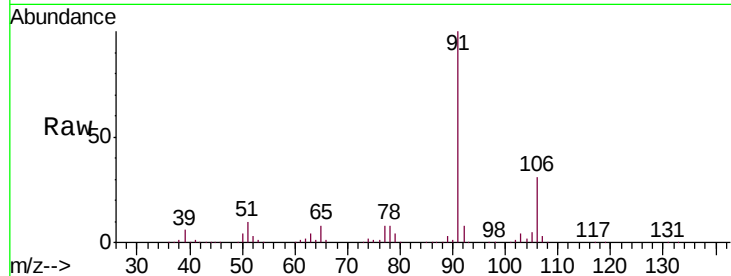




#67
Ethyl Benzene
Concen: 19.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

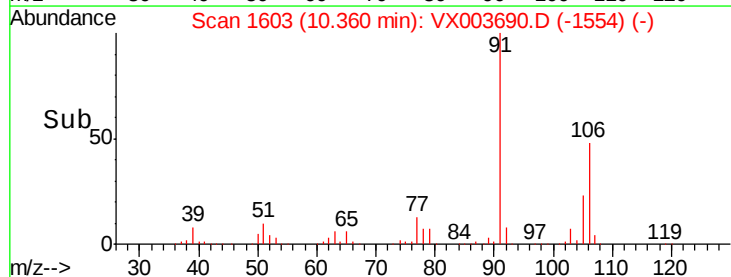
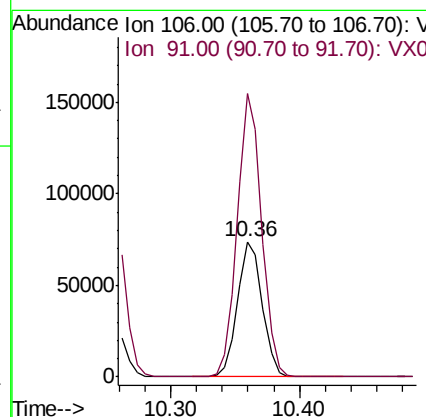
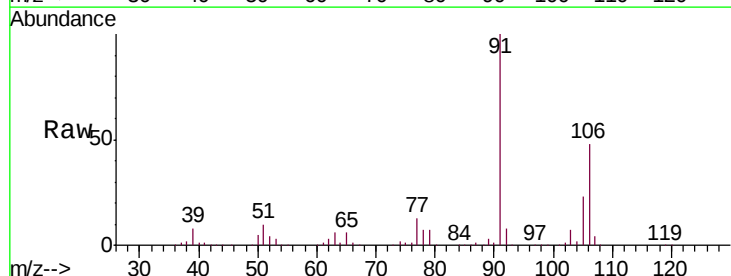
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

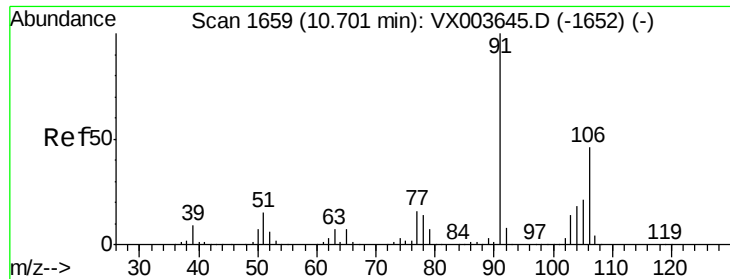
Tot Ion: 91 Resp: 127838
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 40.43 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 106 Resp: 99697
Ion Ratio Lower Upper
106 100
91 205.6 162.2 243.2

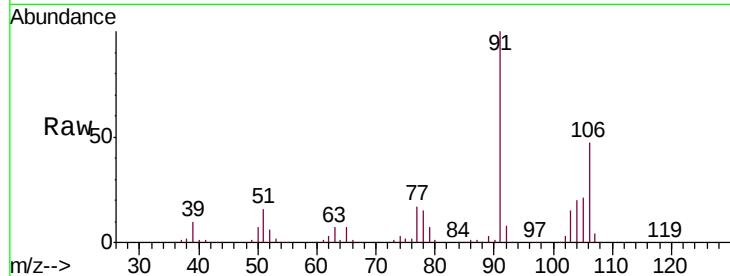




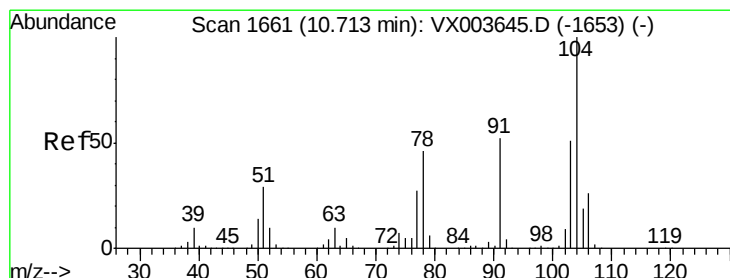
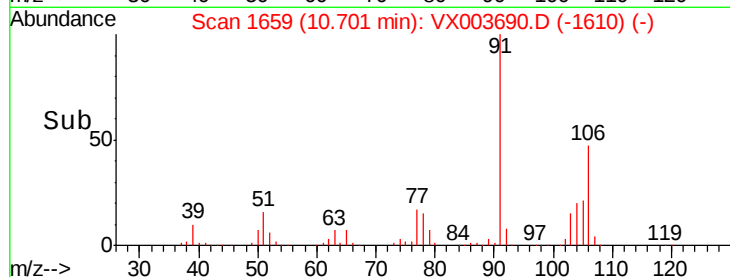
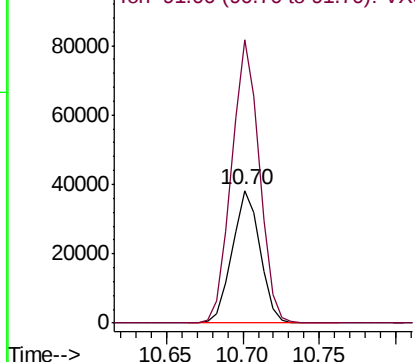
#69
o-Xylene
Concen: 20.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion:106 Resp: 48089
Ion Ratio Lower Upper
106 100
91 214.1 107.1 321.1

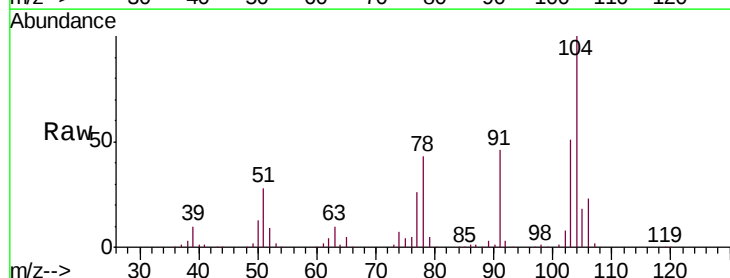


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

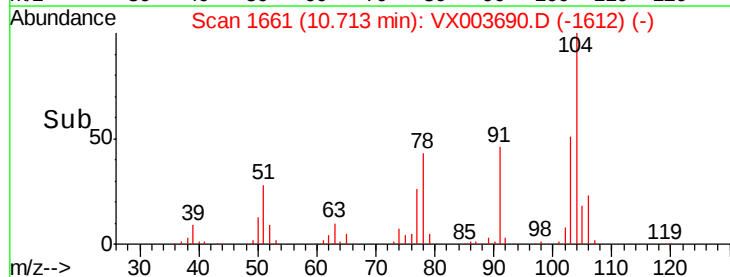
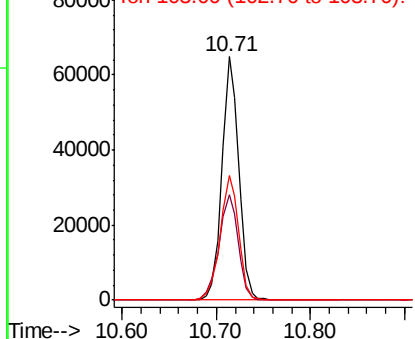


#70
Styrene
Concen: 20.21 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion:104 Resp: 80572
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 56.1 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: 19.27 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

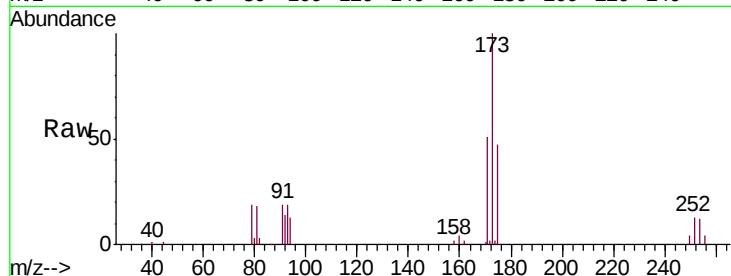
Tot Ion:173 Resp: 20337

Ion Ratio Lower Upper

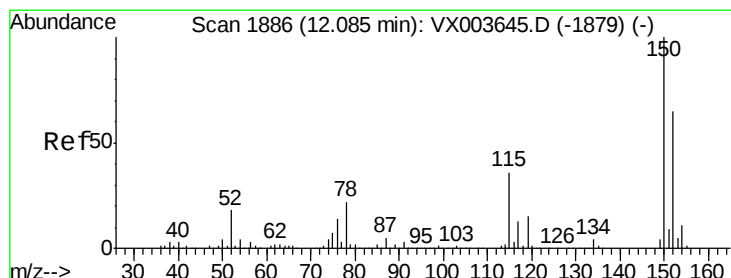
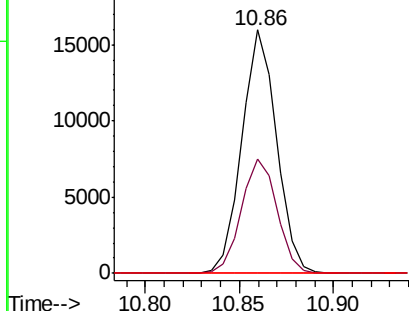
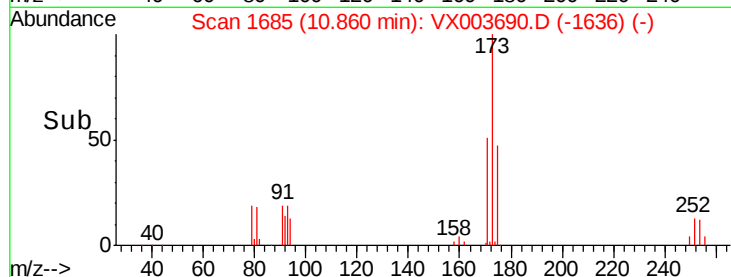
173 100

175 48.5 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: VX003690.D

Acq: 27 Jul 2018 01:06

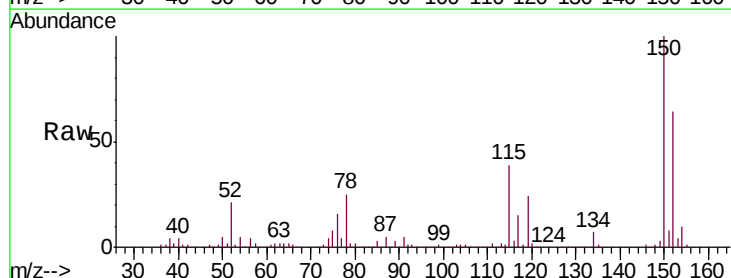
Tgt Ion:152 Resp: 90272

Ion Ratio Lower Upper

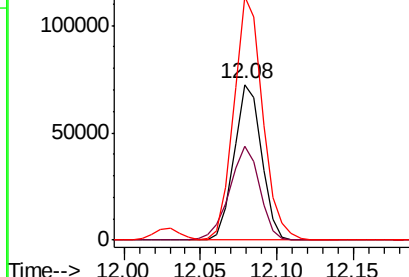
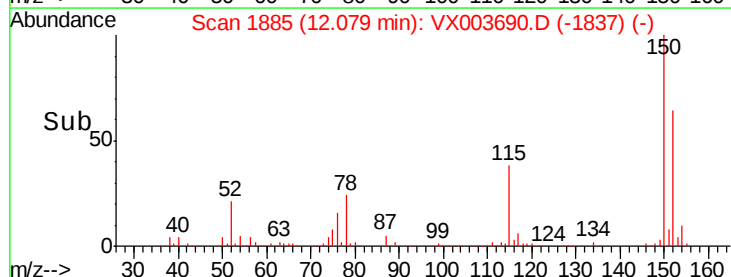
152 100

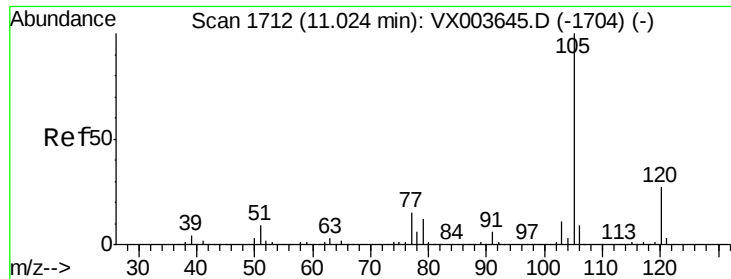
115 66.2 40.0 119.9

150 163.8 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: 20.93 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

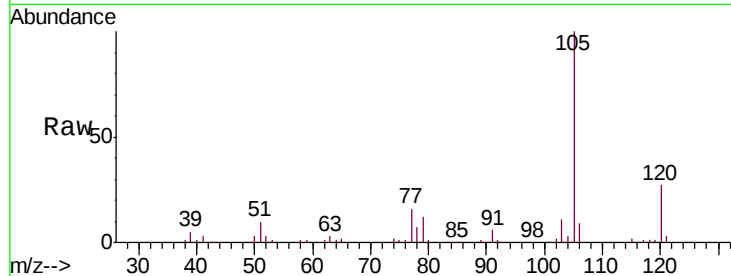
VX0726WBSD02

Tot Ion:105 Resp: 129107

Ion Ratio Lower Upper

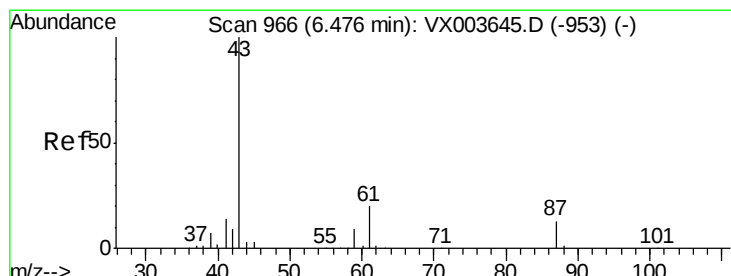
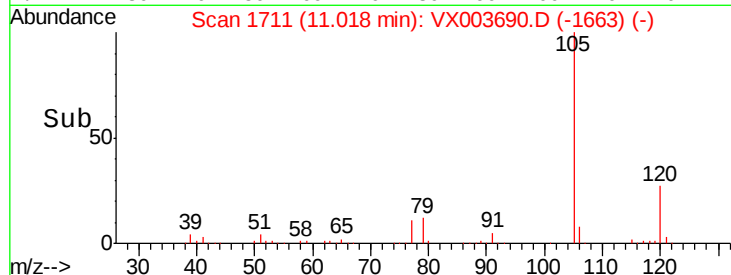
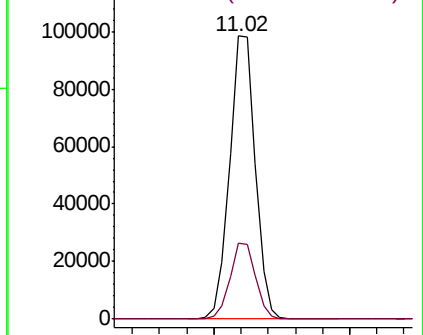
105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.32 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion: 43 Resp: 65377

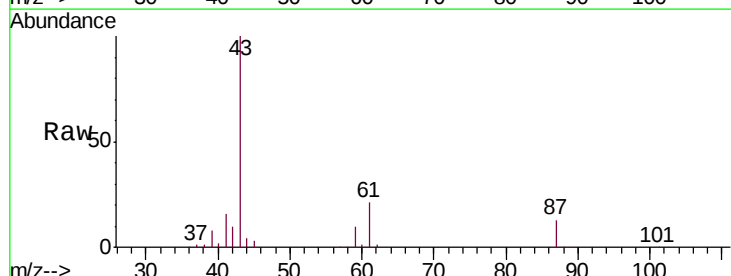
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.0 15.9 23.9

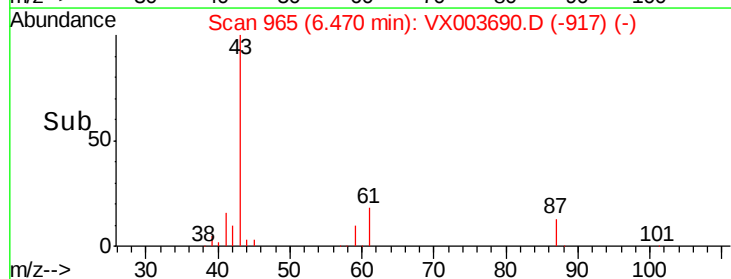
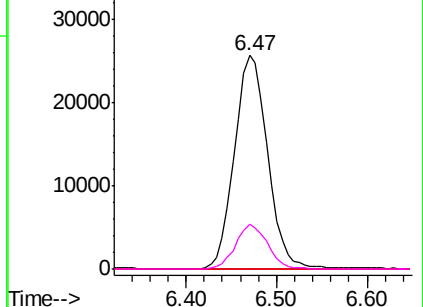


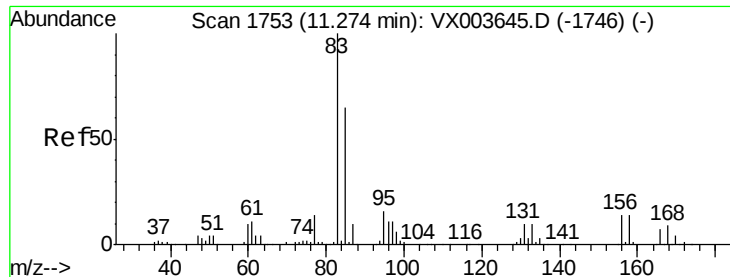
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

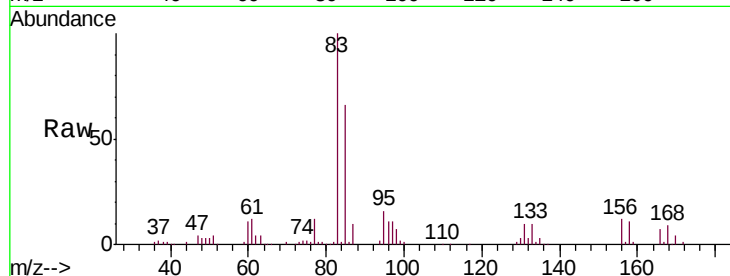
Tot Ion: 83 Resp: 45586

Ion Ratio Lower Upper

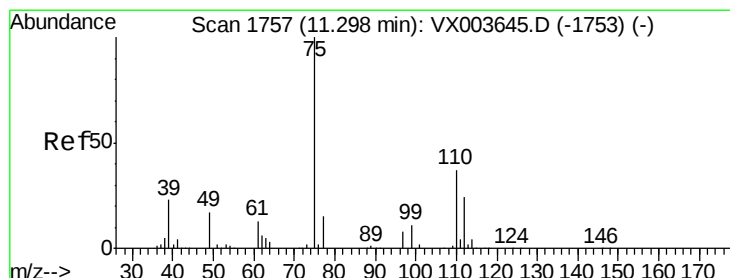
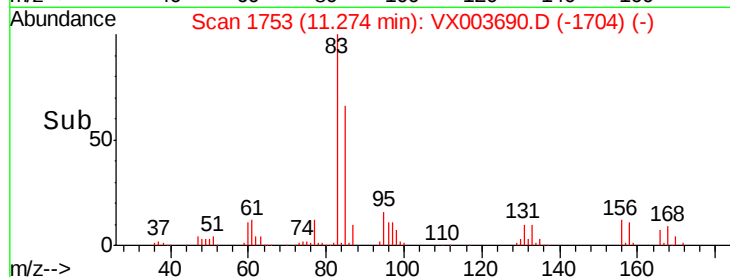
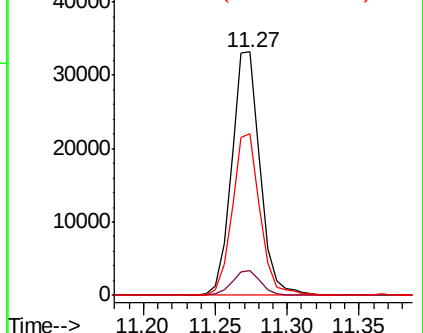
83 100

131 10.2 5.1 15.4

85 64.9 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: 26.31 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003690.D

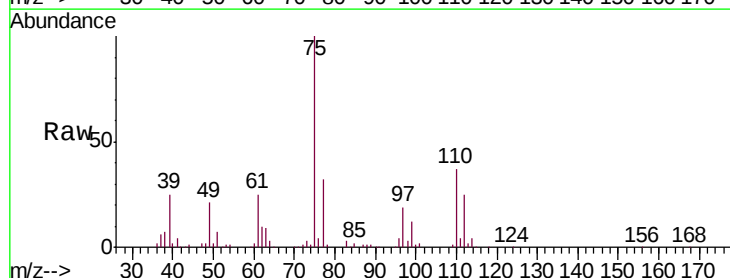
Acq: 27 Jul 2018 01:06

Tgt Ion: 75 Resp: 49807

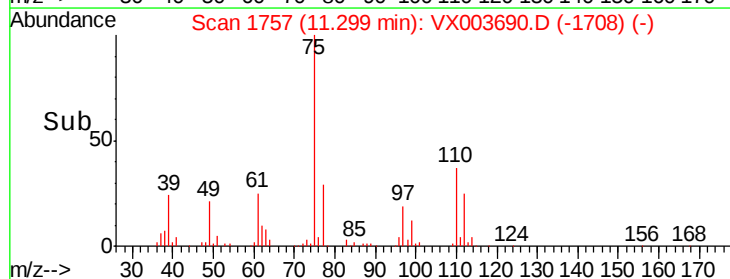
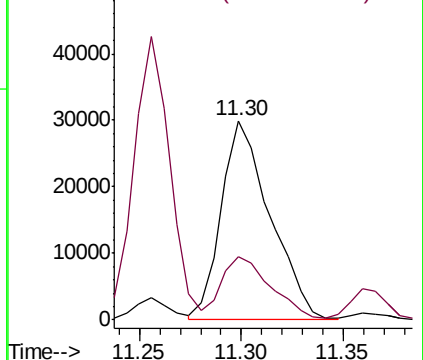
Ion Ratio Lower Upper

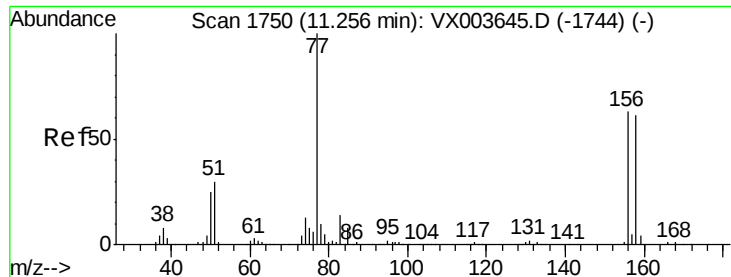
75 100

77 32.3 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: 20.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

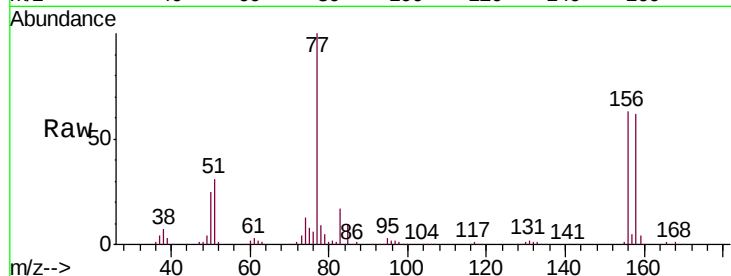
Tot Ion:156 Resp: 34528

Ion Ratio Lower Upper

156 100

77 150.8 74.9 224.6

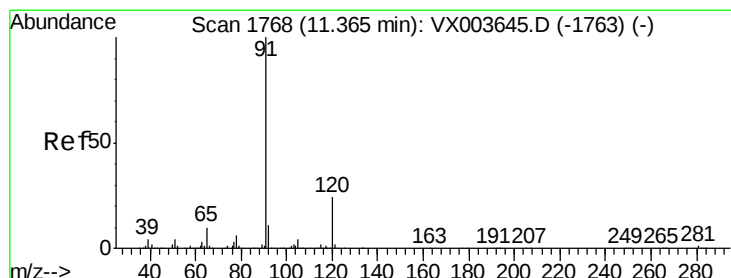
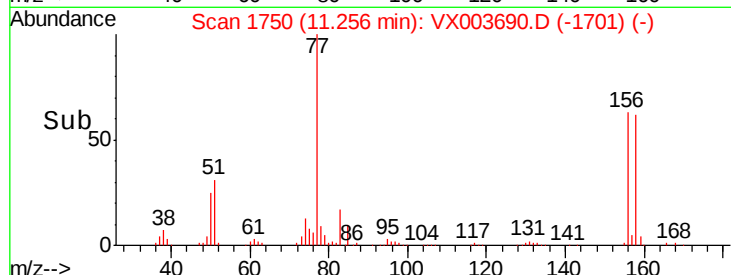
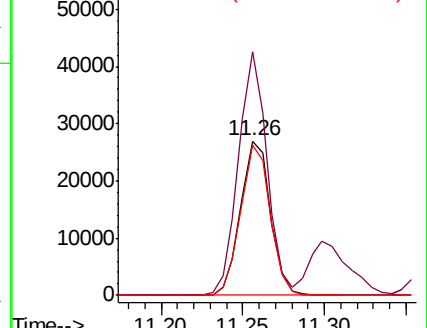
158 96.6 48.4 145.2



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: 21.14 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003690.D

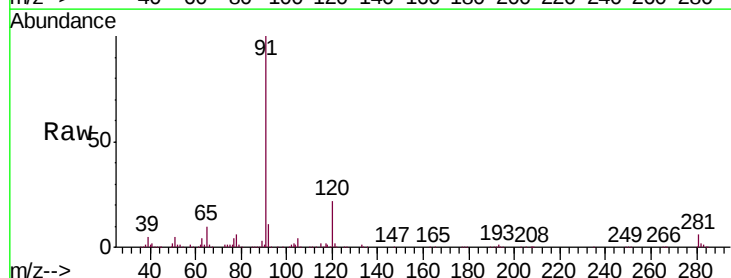
Acq: 27 Jul 2018 01:06

Tgt Ion: 91 Resp: 150530

Ion Ratio Lower Upper

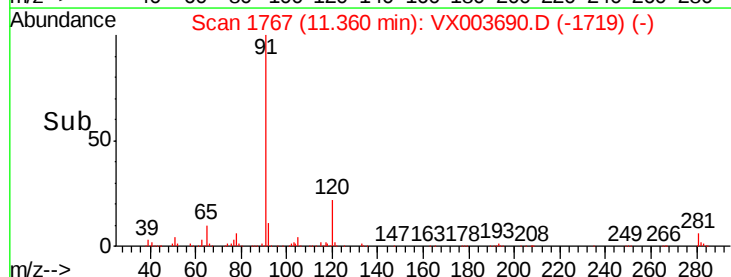
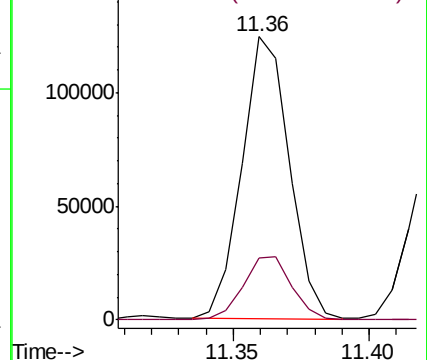
91 100

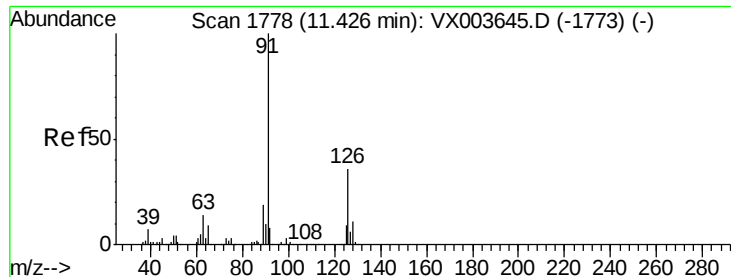
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.91 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

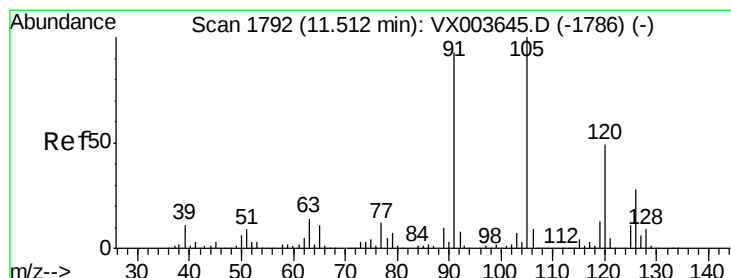
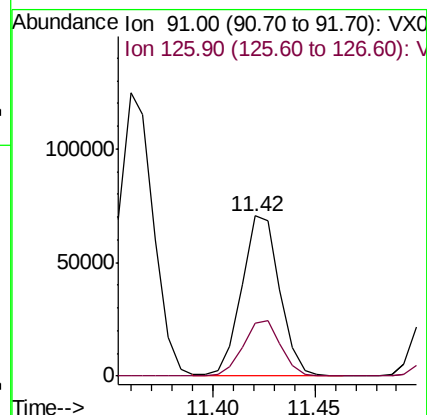
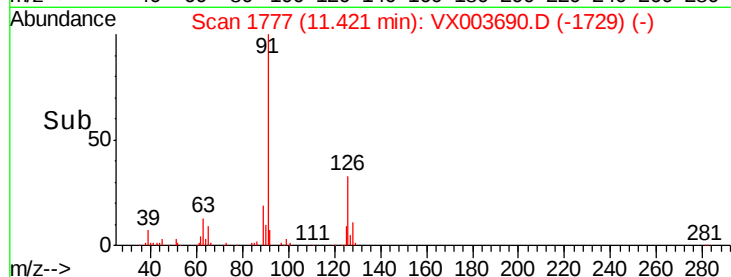
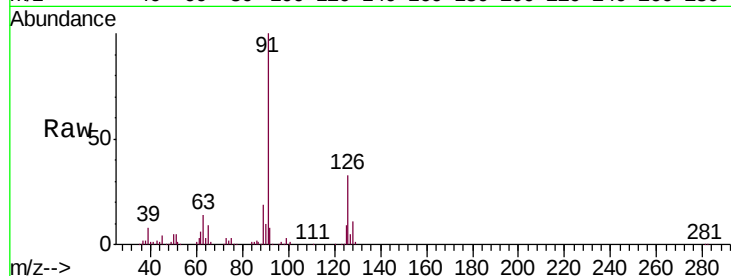
VX0726WBSD02

Tot Ion: 91 Resp: 90531

Ion Ratio Lower Upper

91 100

126 34.6 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 21.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003690.D

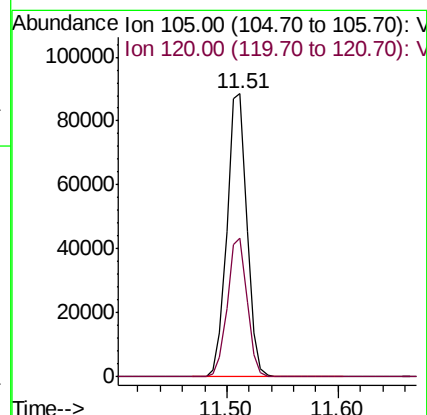
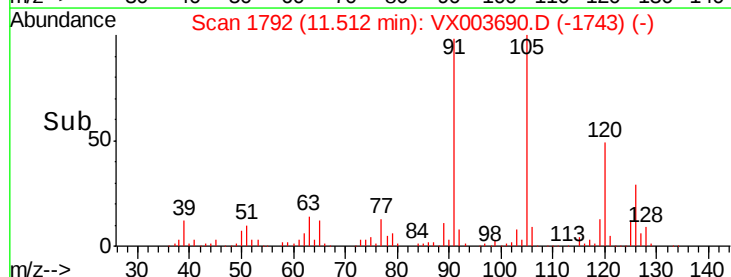
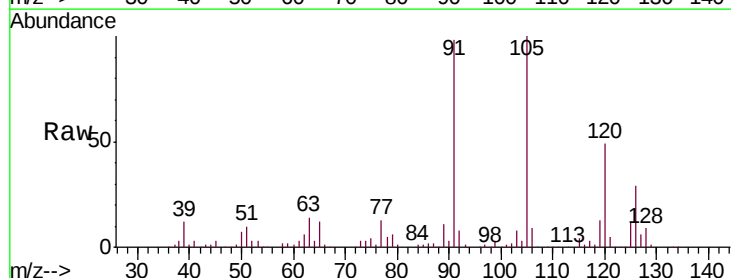
Acq: 27 Jul 2018 01:06

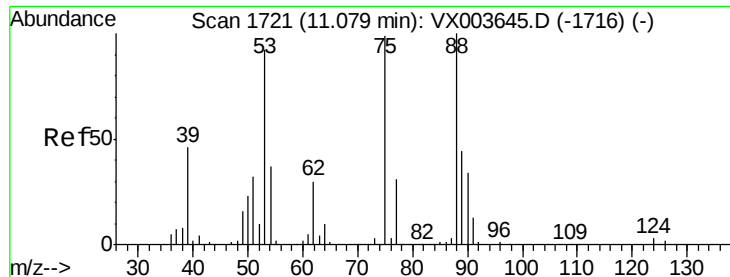
Tgt Ion:105 Resp: 109913

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.42 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

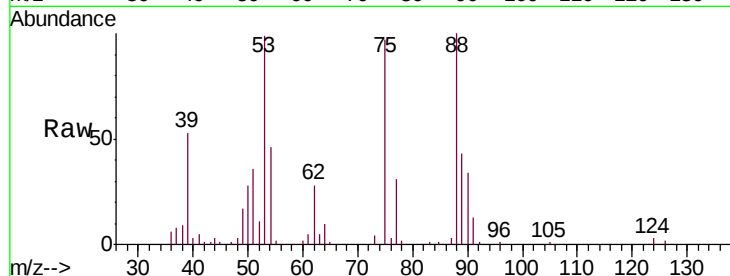
Tot Ion: 75 Resp: 10647

Ion Ratio Lower Upper

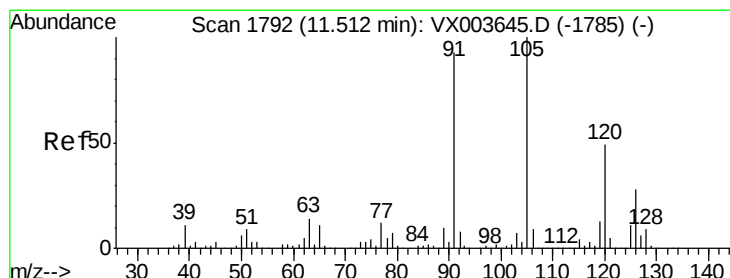
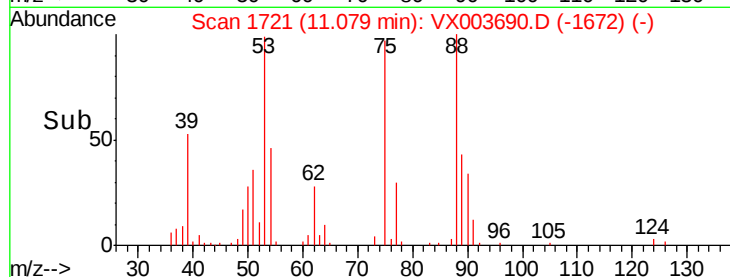
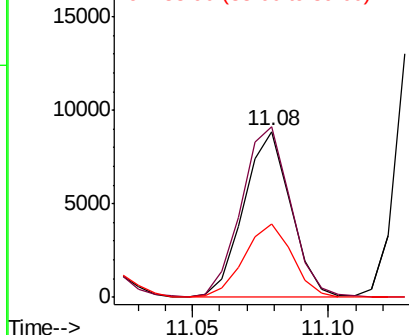
75 100

53 108.2 77.8 116.8

89 45.7 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: 20.92 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003690.D

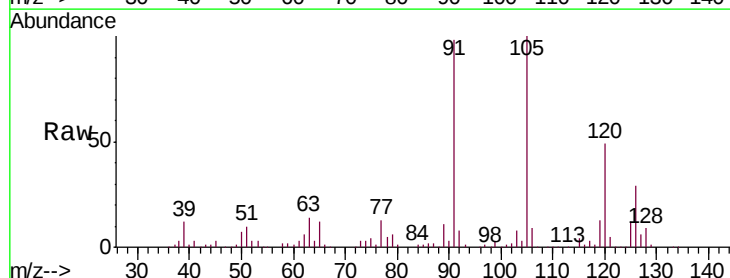
Acq: 27 Jul 2018 01:06

Tgt Ion: 91 Resp: 106680

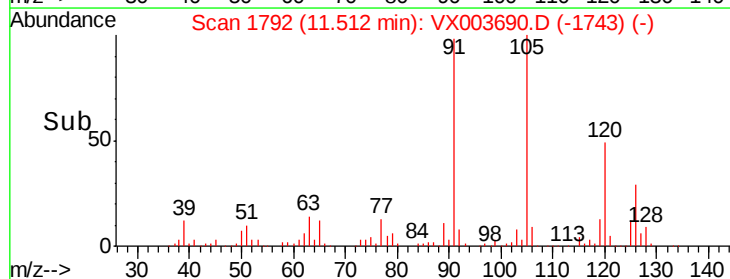
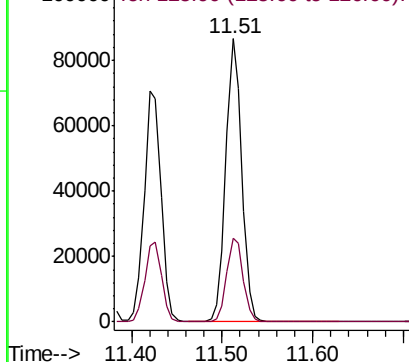
Ion Ratio Lower Upper

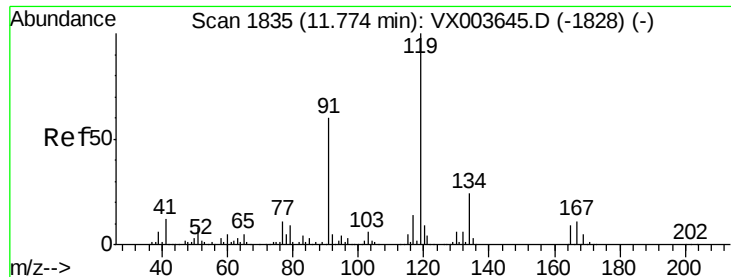
91 100

126 30.2 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

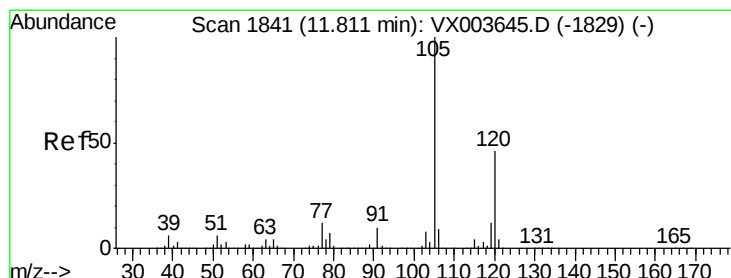
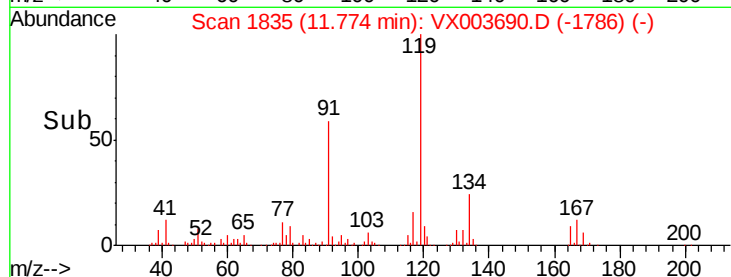
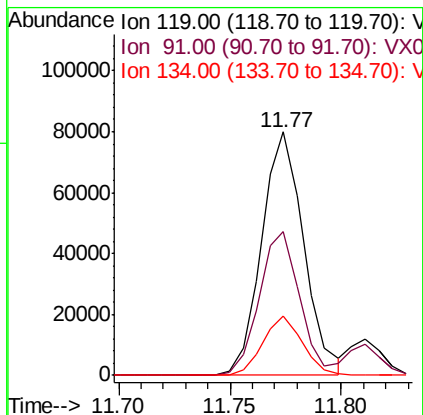
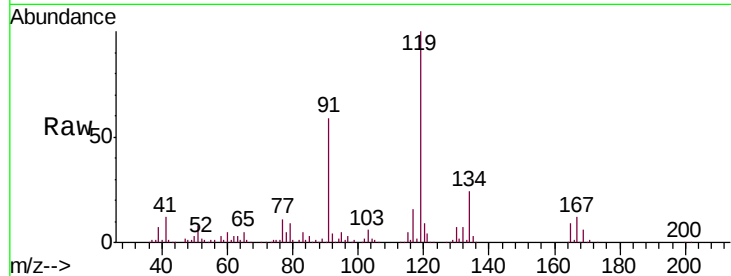




#83
tert-Butylbenzene
Concen: 20.61 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

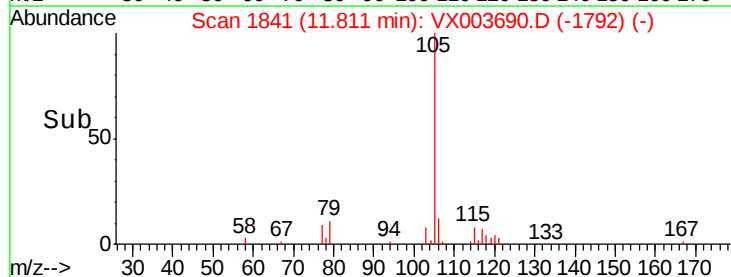
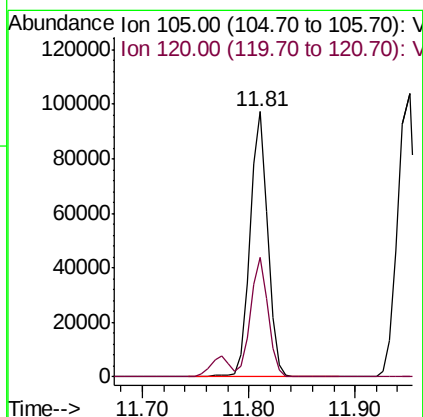
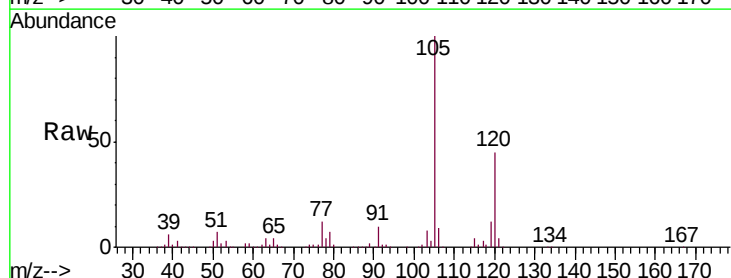
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

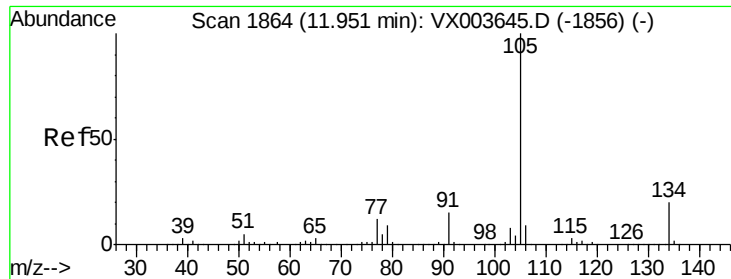
Tot Ion:119 Resp: 105217
Ion Ratio Lower Upper
119 100
91 56.2 28.4 85.2
134 23.0 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 21.17 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion:105 Resp: 113511
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8

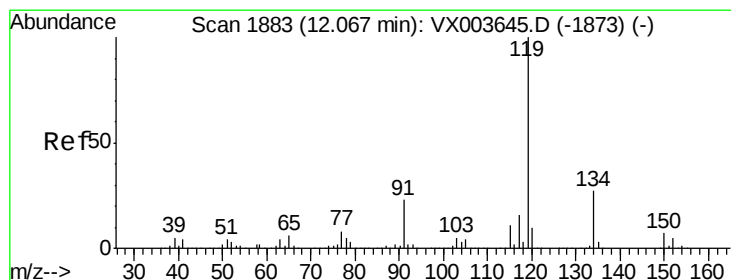
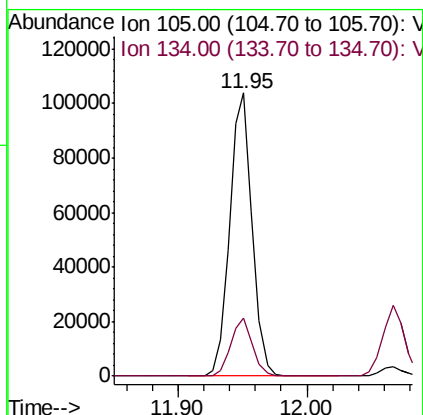
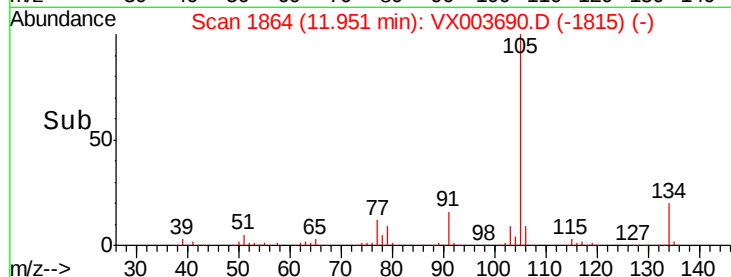
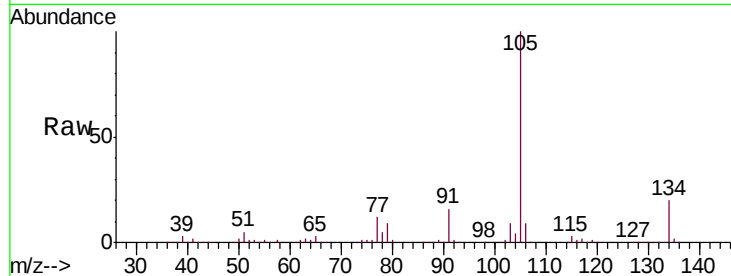




#85
 sec-Butylbenzene
 Concen: 20.70 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

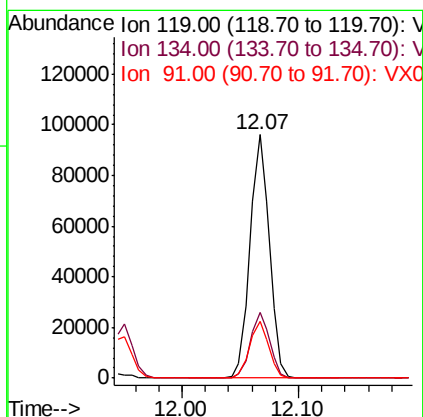
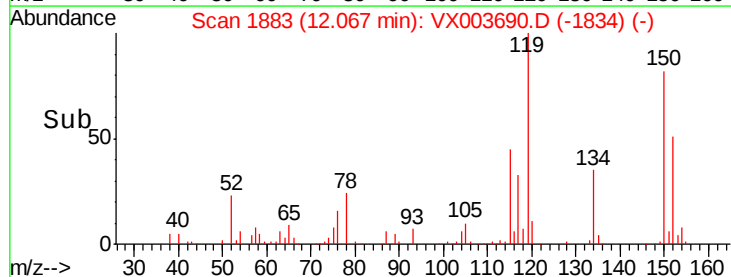
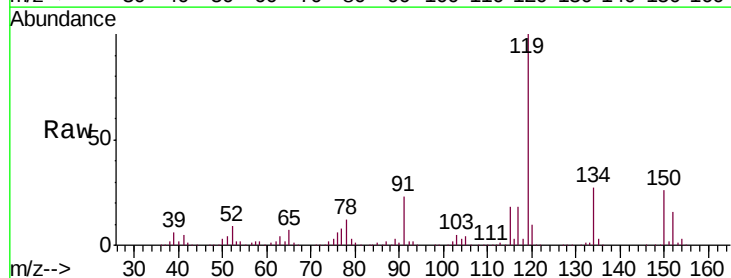
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

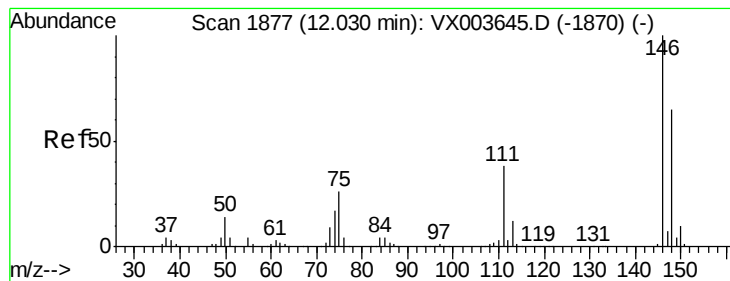
Tot Ion:105 Resp: 126123
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.49 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion:119 Resp: 112103
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 23.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 20.24 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

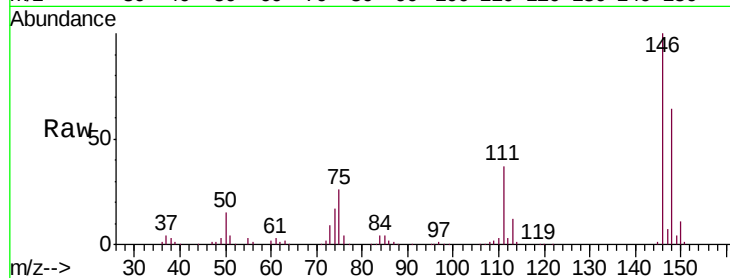
Tot Ion:146 Resp: 63149

Ion Ratio Lower Upper

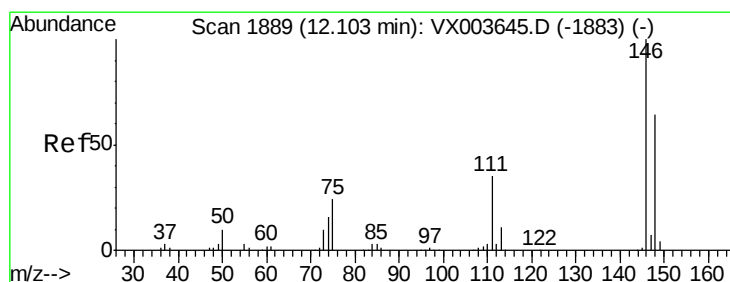
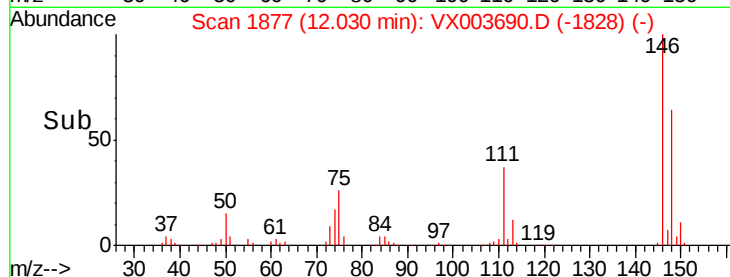
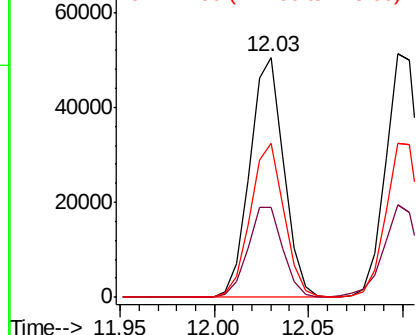
146 100

111 38.5 19.4 58.2

148 63.6 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 19.93 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

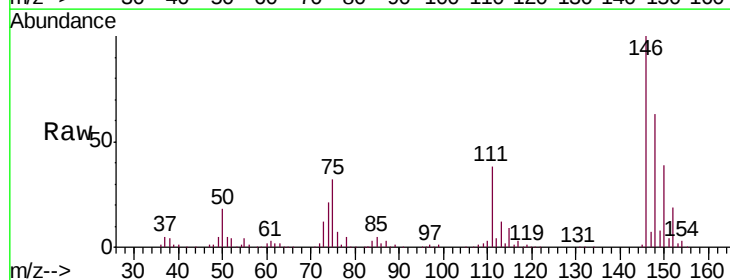
Tgt Ion:146 Resp: 64656

Ion Ratio Lower Upper

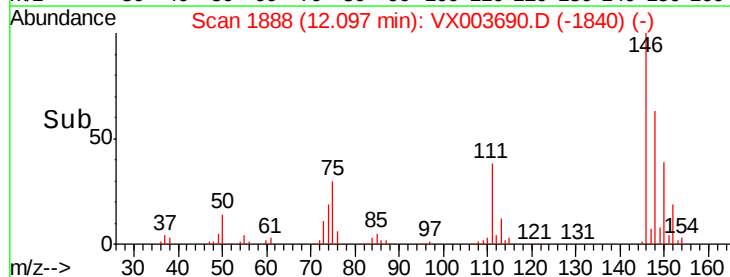
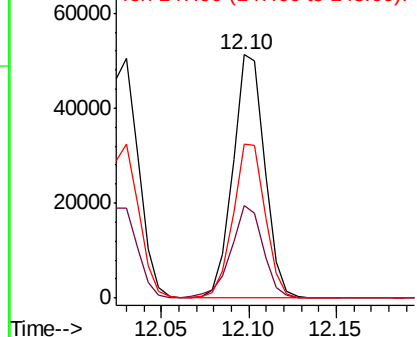
146 100

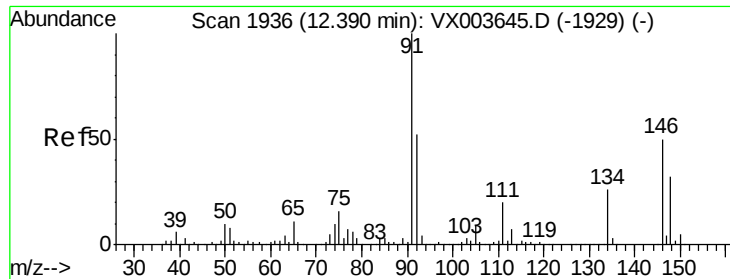
111 38.8 18.6 55.6

148 64.2 32.0 96.2



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





#89

n-Butylbenzene

Concen: 19.48 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

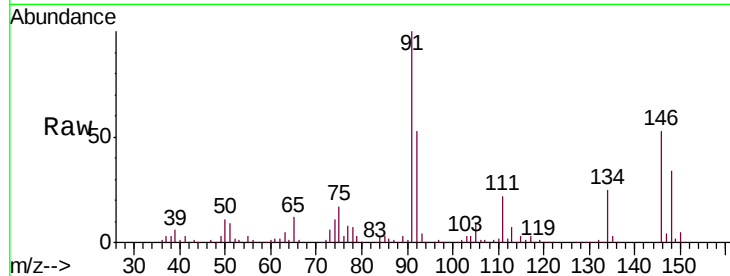
Tot Ion: 91 Resp: 96034

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

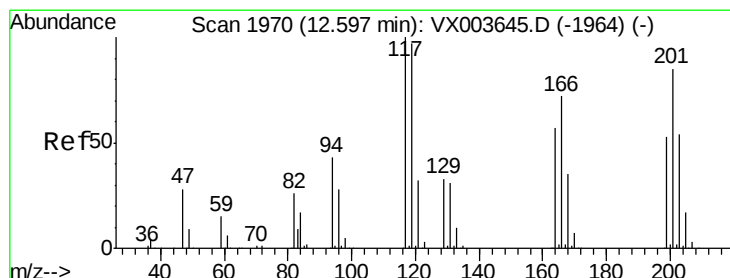
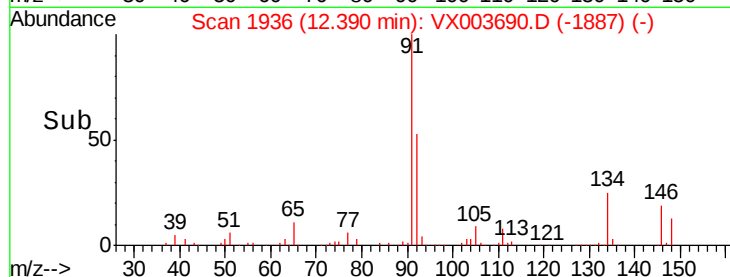
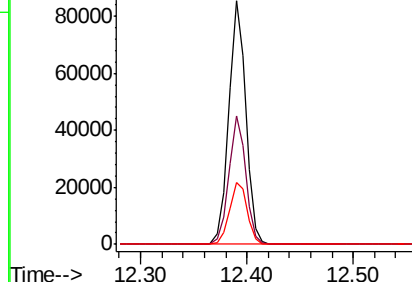
134 26.1 13.3 39.8



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: 20.89 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003690.D

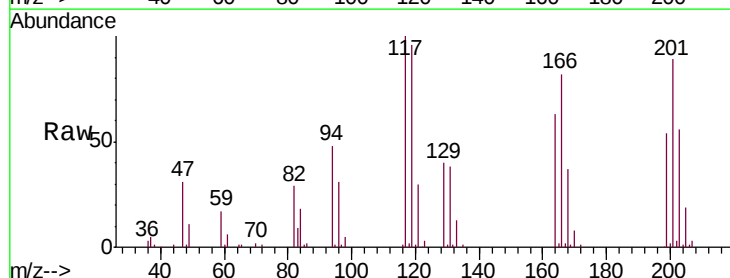
Acq: 27 Jul 2018 01:06

Tgt Ion: 117 Resp: 17307

Ion Ratio Lower Upper

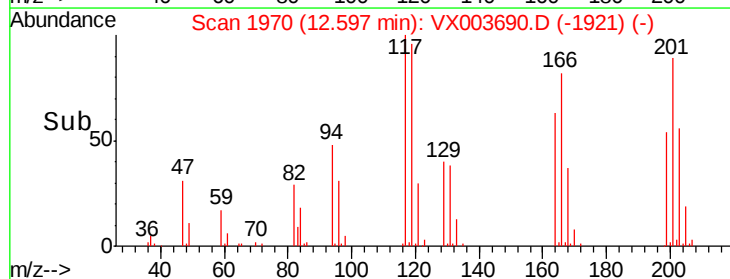
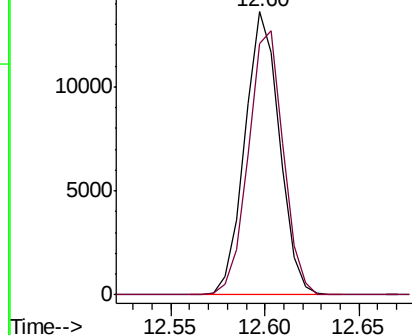
117 100

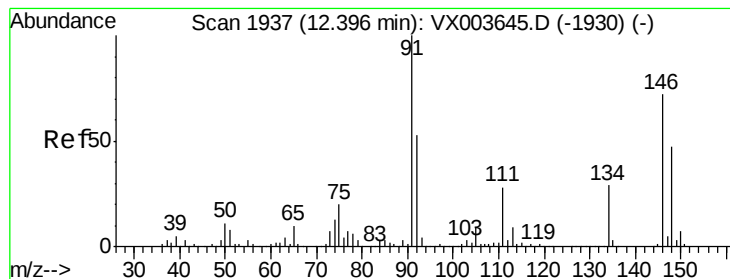
201 93.9 46.2 138.5



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: 19.97 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

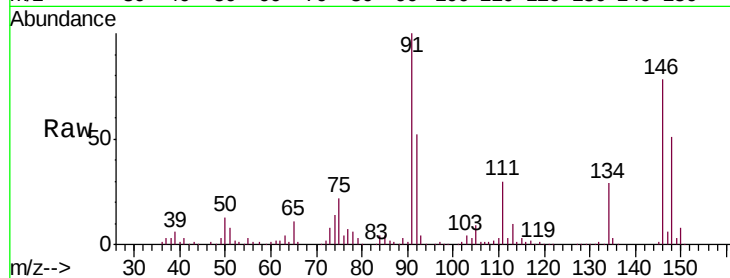
Tot Ion:146 Resp: 63648

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

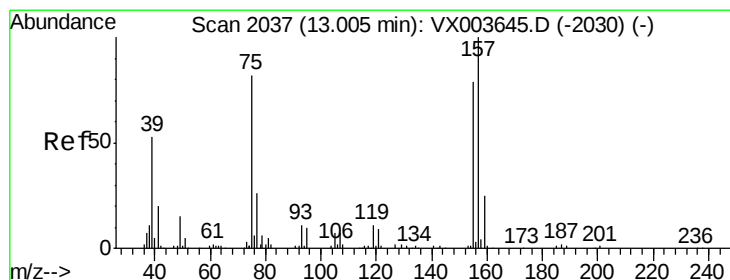
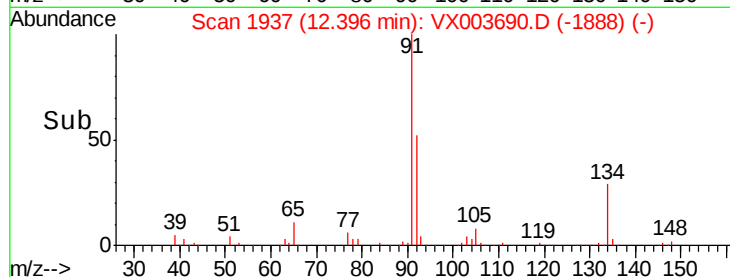
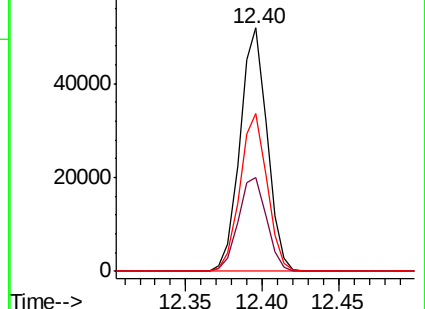
148 64.8 32.2 96.6



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: 19.79 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

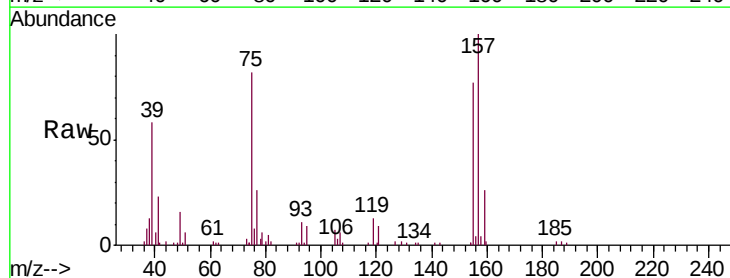
Tgt Ion: 75 Resp: 9384

Ion Ratio Lower Upper

75 100

155 91.9 46.1 138.3

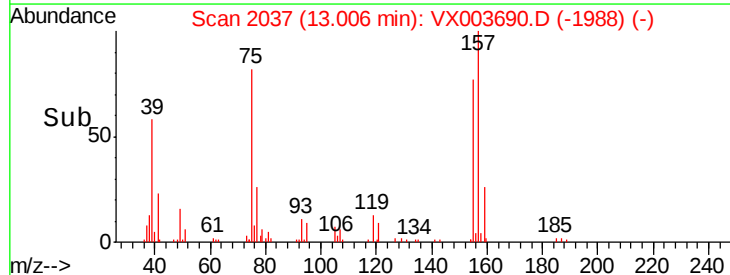
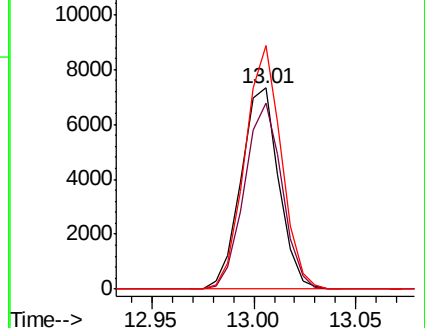
157 116.7 59.7 179.0

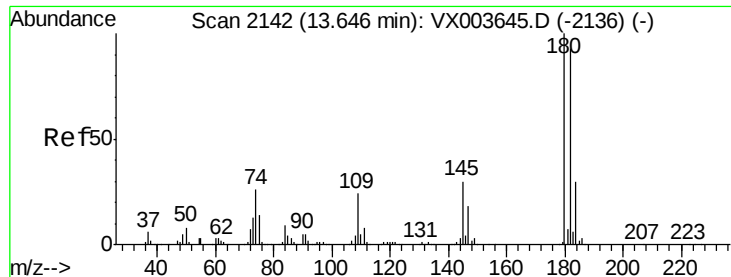


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

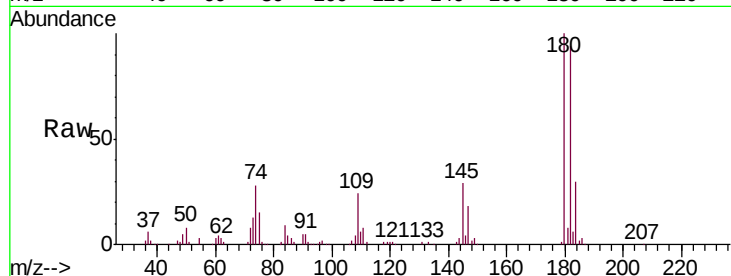




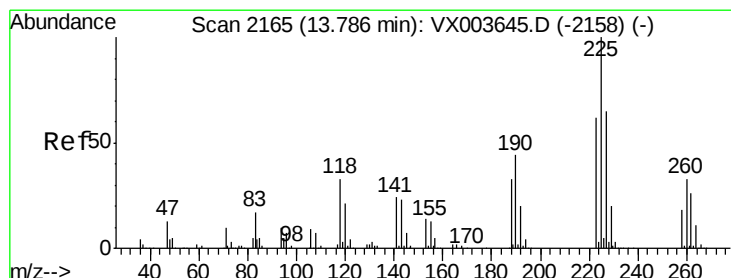
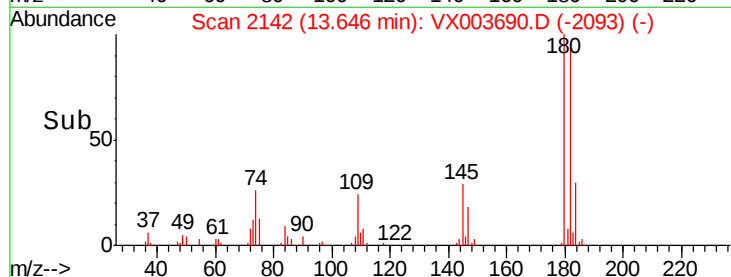
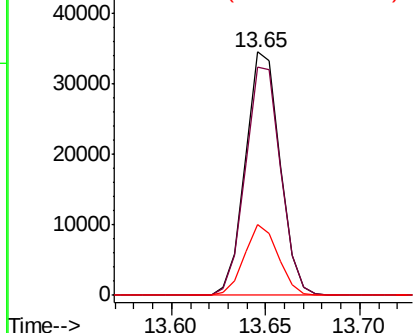
#93
 1,2,4-Trichlorobenzene
 Concen: 19.33 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion:180 Resp: 43971
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.8
 145 28.4 14.4 43.2

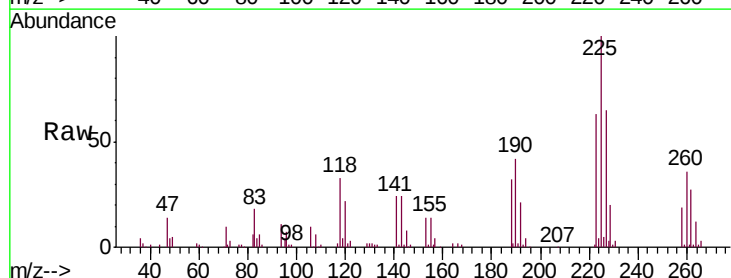


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

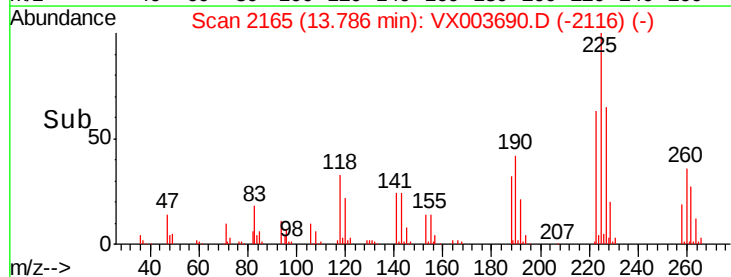
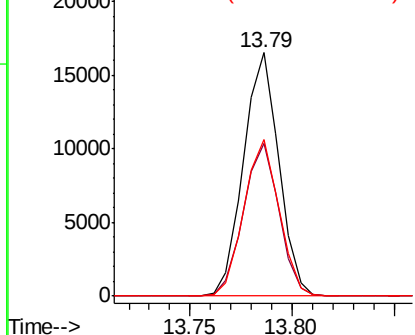


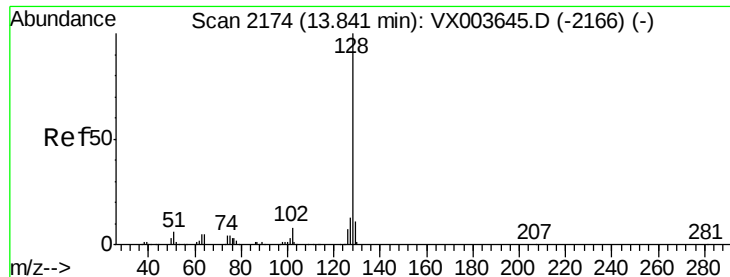
#94
 Hexachlorobutadiene
 Concen: 18.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion:225 Resp: 19976
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.5
 227 63.9 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: 20.00 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

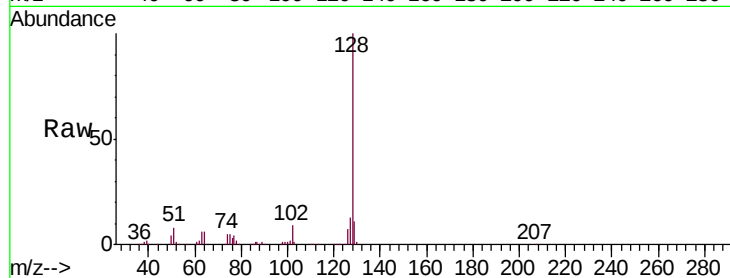
Tot Ion:128 Resp: 137595

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.7 13.1

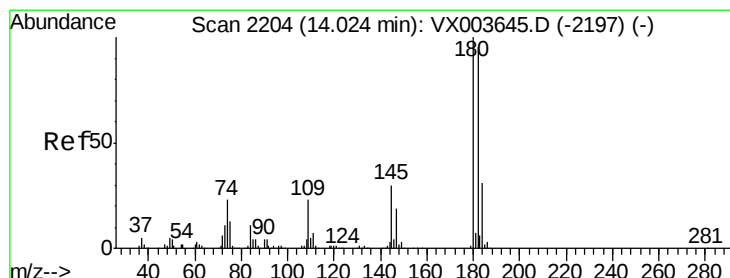
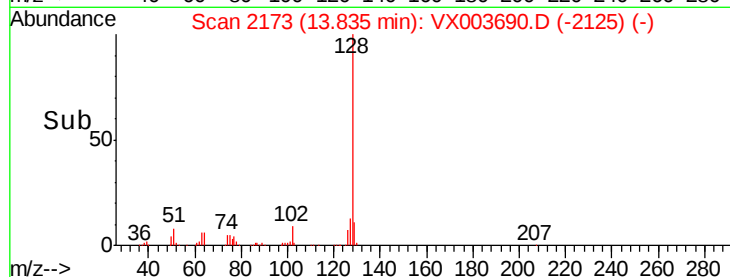
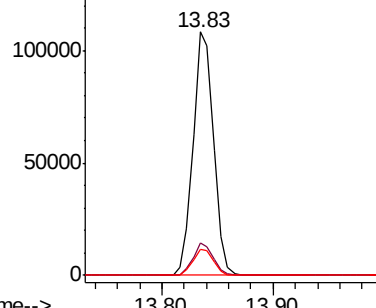


Abundance

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: 19.90 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

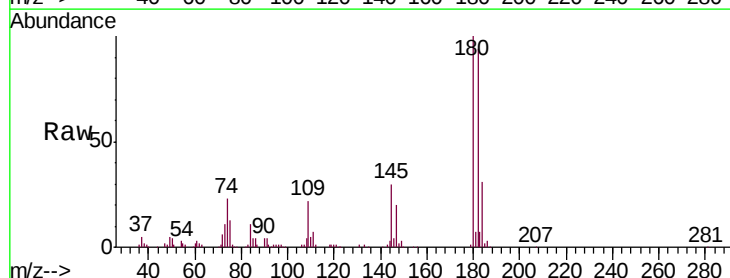
Tgt Ion:180 Resp: 45968

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 30.5 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

