

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003674.D
 Acq On : 26 Jul 2018 17:04
 Operator : JC/SP
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Quant Time: Jul 27 05:35:50 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	113391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	167123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95740	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	84509	50.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.62%	
35) Dibromofluoromethane	5.51	113	69768	51.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.14%	
50) Toluene-d8	8.72	98	264420	50.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.14	95	95695	50.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	25213	19.52	ug/l	92
3) Chloromethane	1.32	50	32175	18.91	ug/l	100
4) Vinyl Chloride	1.40	62	36520	20.99	ug/l	94
5) Bromomethane	1.64	94	20070	23.89	ug/l	98
6) Chloroethane	1.72	64	22994	18.90	ug/l	97
7) Trichlorofluoromethane	1.93	101	45885	20.49	ug/l	94
8) Diethyl Ether	2.19	74	19380	19.75	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27460	19.92	ug/l	98
10) Methyl Iodide	2.51	142	35612	21.12	ug/l	98
11) Tert butyl alcohol	3.05	59	42263	105.26	ug/l	99
12) 1,1-Dichloroethene	2.38	96	26040	19.85	ug/l	92
13) Acrolein	2.29	56	21804	109.70	ug/l	97
14) Allyl chloride	2.73	41	55719	20.38	ug/l	98
15) Acrylonitrile	3.15	53	102719	105.89	ug/l	99
16) Acetone	2.44	43	85086	107.83	ug/l	99
17) Carbon Disulfide	2.57	76	73424	19.46	ug/l	98
18) Methyl Acetate	2.78	43	51339	21.54	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	96267	20.78	ug/l	98
20) Methylene Chloride	2.86	84	32190	20.59	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	29196	20.70	ug/l	99
22) Diisopropyl ether	3.87	45	107521	21.54	ug/l	95
23) Vinyl Acetate	3.82	43	456062	106.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	57673	20.50	ug/l	98
25) 2-Butanone	4.71	43	132198	108.45	ug/l	99
26) 2,2-Dichloropropane	4.59	77	42624	23.96	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	33073	21.60	ug/l	93
28) Bromochloromethane	5.03	49	22335	19.78	ug/l	99
29) Tetrahydrofuran	5.17	42	83429	105.13	ug/l	98
30) Chloroform	5.21	83	54321	21.29	ug/l	97
31) Cyclohexane	5.57	56	45693	20.23	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	44366	20.93	ug/l	97
36) 1,1-Dichloropropene	5.80	75	39364	20.15	ug/l	99
37) Ethyl Acetate	4.87	43	47000	20.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	38194	20.29	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003674.D
 Acq On : 26 Jul 2018 17:04
 Operator : JC/SP
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Quant Time: Jul 27 05:35:50 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	42910	19.96	ug/l	99
40) Benzene	6.14	78	121116	20.95	ug/l	98
41) Methacrylonitrile	5.07	41	26130	20.09	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42830	21.05	ug/l	100
43) Isopropyl Acetate	6.47	43	72312	21.10	ug/l	100
44) Trichloroethene	7.22	130	30050	19.39	ug/l	100
45) 1,2-Dichloropropane	7.52	63	31593	21.14	ug/l	95
46) Dibromomethane	7.67	93	19639	20.46	ug/l	99
47) Bromodichloromethane	7.90	83	36841	20.47	ug/l	98
48) Methyl methacrylate	7.78	41	36294	20.87	ug/l	98
49) 1,4-Dioxane	7.76	88	16134	415.88	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	245255	106.07	ug/l	98
52) Toluene	8.79	92	73817	20.54	ug/l	100
53) t-1,3-Dichloropropene	9.05	75	41002	20.58	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	45648	20.82	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	30476	20.75	ug/l	99
56) Ethyl methacrylate	9.18	69	44479	20.35	ug/l	97
57) 1,3-Dichloropropane	9.38	76	51411	20.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	115608	105.25	ug/l	100
59) 2-Hexanone	9.50	43	188516	106.29	ug/l	99
60) Dibromochloromethane	9.59	129	28424	20.40	ug/l	98
61) 1,2-Dibromoethane	9.68	107	31694	20.72	ug/l	98
64) Tetrachloroethene	9.34	164	27702	19.03	ug/l	97
65) Chlorobenzene	10.14	112	81681	20.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28770	20.65	ug/l	99
67) Ethyl Benzene	10.26	91	136585	20.36	ug/l	99
68) m/p-Xylenes	10.36	106	105816	41.11	ug/l	98
69) o-Xylene	10.70	106	50775	20.49	ug/l	98
70) Styrene	10.71	104	85769	20.61	ug/l	99
71) Bromoform	10.86	173	21748	19.74	ug/l	# 99
73) Isopropylbenzene	11.02	105	138009	21.10	ug/l	99
74) N-amyl acetate	6.47	43	72312	21.20	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49538	20.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	54753	27.27	ug/l	84
77) Bromobenzene	11.26	156	36467	20.53	ug/l	99
78) n-propylbenzene	11.36	91	161505	21.38	ug/l	99
79) 2-Chlorotoluene	11.43	91	96287	20.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	115944	20.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13431	20.72	ug/l	94
82) 4-Chlorotoluene	11.51	91	111933	20.70	ug/l	100
83) tert-Butylbenzene	11.77	119	112865	20.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	120692	21.22	ug/l	100
85) sec-Butylbenzene	11.95	105	135888	21.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	119470	20.59	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	67203	20.31	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	68581	19.94	ug/l	99
89) n-Butylbenzene	12.39	91	104130	19.91	ug/l	99
90) Hexachloroethane	12.60	117	18581	21.15	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	68067	20.14	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10446	20.77	ug/l	99

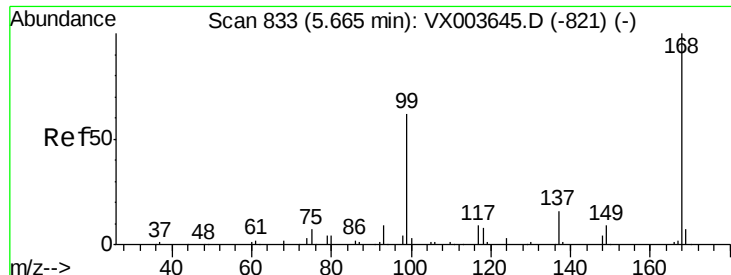
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003674.D
Acq On : 26 Jul 2018 17:04
Operator : JC/SP
Sample : VX0726WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Quant Time: Jul 27 05:35:50 2018
Quant Method : Z:\V0ASRV\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	46666	19.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	21732	19.47	ug/l	98
95) Naphthalene	13.83	128	147947	20.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48436	19.77	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

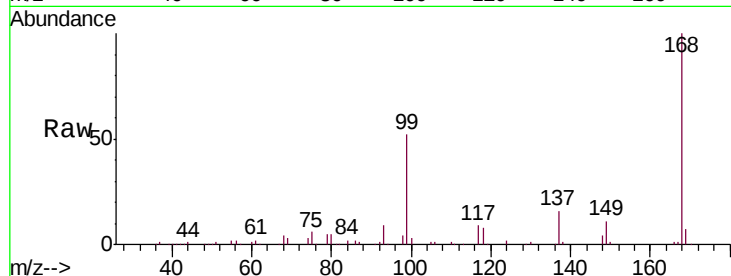
VX0726WBSD01

Tot Ion:168 Resp: 113391

Ion Ratio Lower Upper

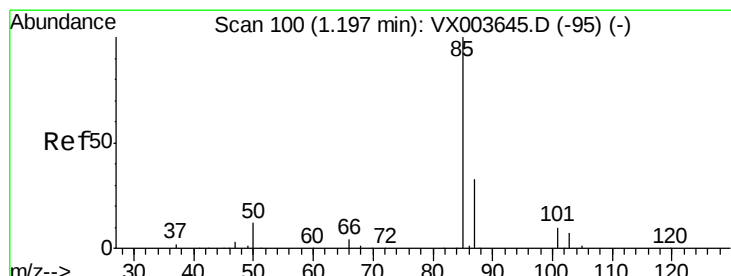
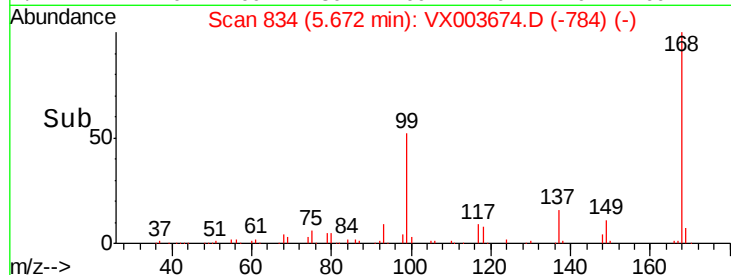
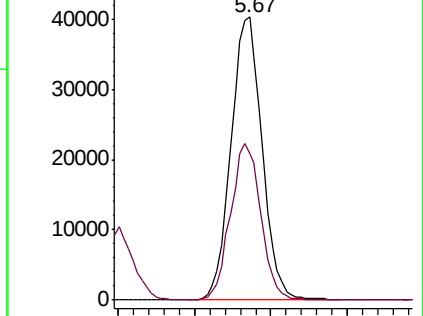
168 100

99 51.6 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003674.D

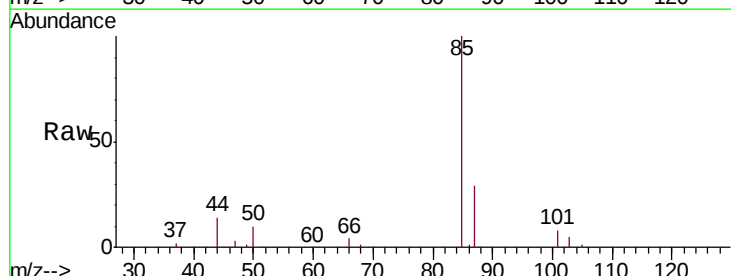
Acq: 26 Jul 2018 17:04

Tgt Ion: 85 Resp: 25213

Ion Ratio Lower Upper

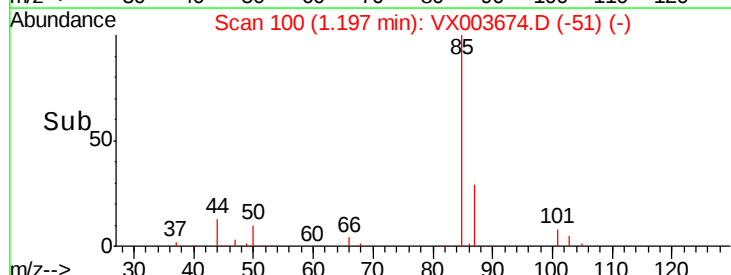
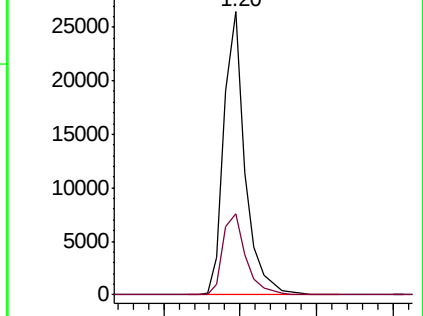
85 100

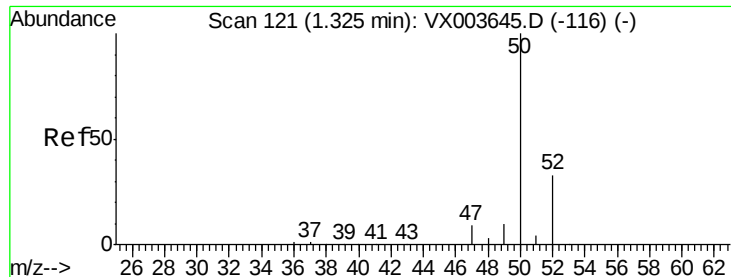
87 28.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

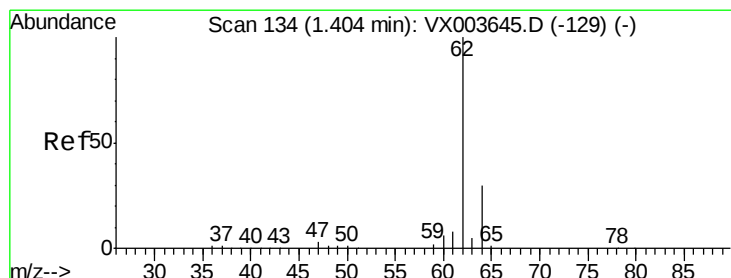
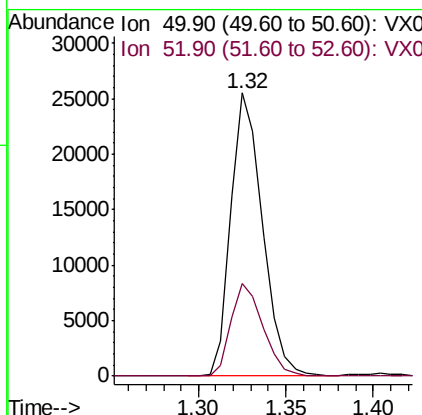
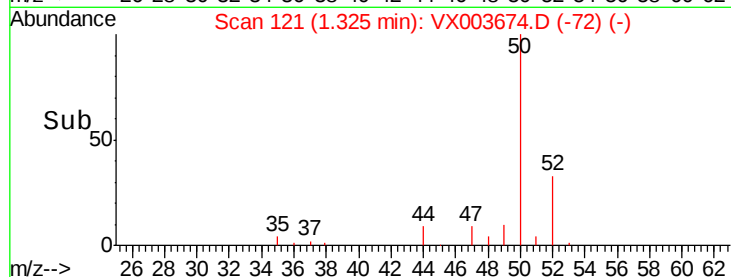
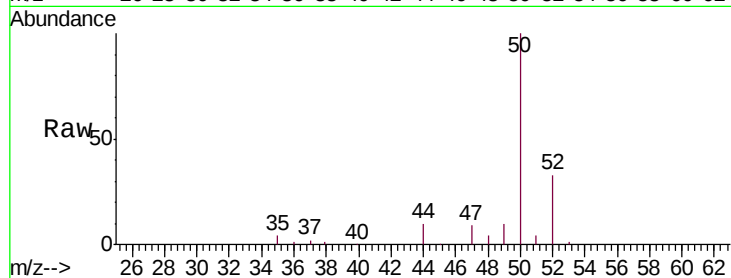
VX0726WBSD01

Tot Ion: 50 Resp: 32175

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 20.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003674.D

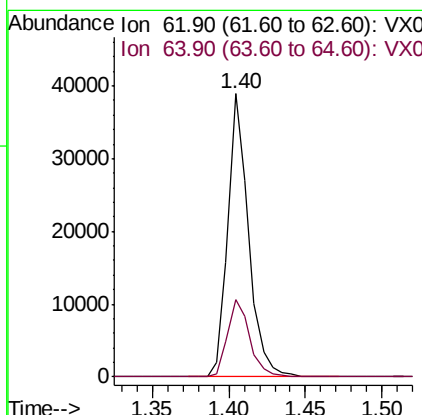
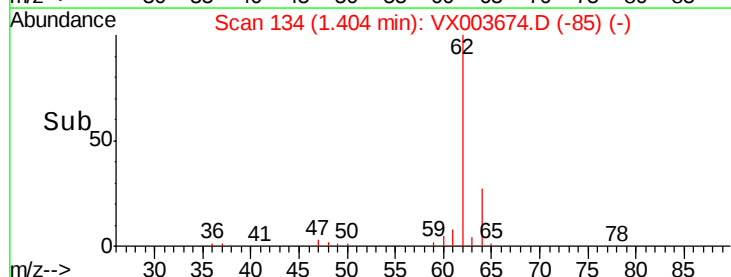
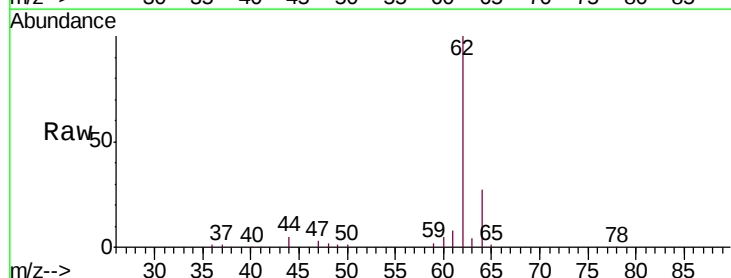
Acq: 26 Jul 2018 17:04

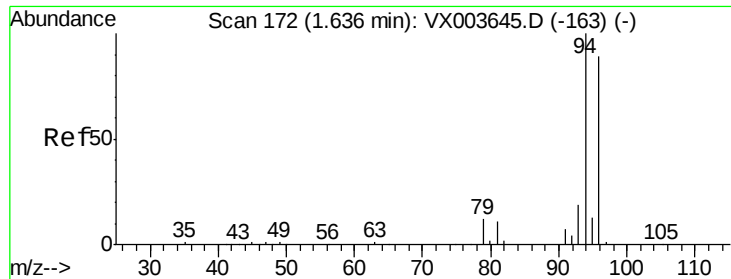
Tgt Ion: 62 Resp: 36520

Ion Ratio Lower Upper

62 100

64 27.3 24.4 36.6





#5

Bromomethane

Concen: 23.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

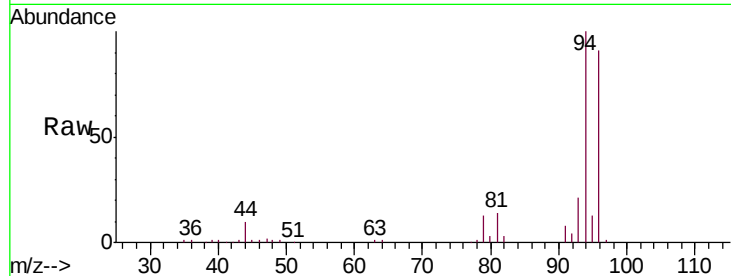
VX0726WBSD01

Tot Ion: 94 Resp: 20070

Ion Ratio Lower Upper

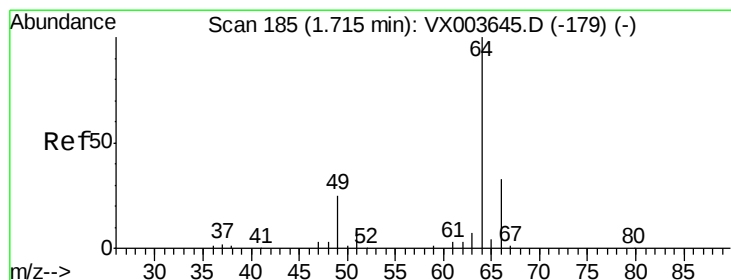
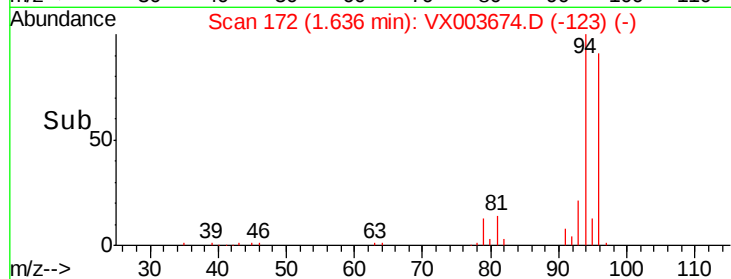
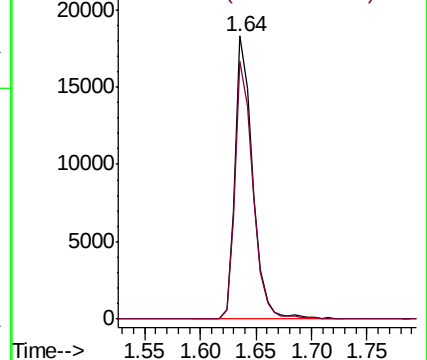
94 100

96 91.0 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.90 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003674.D

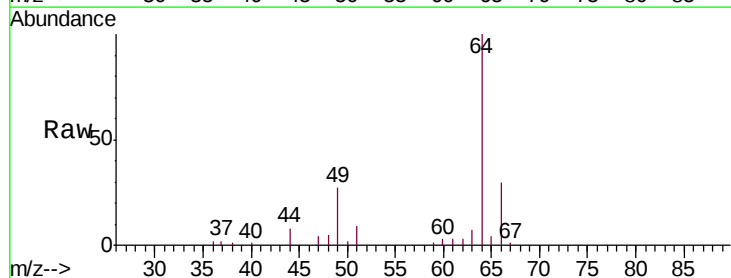
Acq: 26 Jul 2018 17:04

Tgt Ion: 64 Resp: 22994

Ion Ratio Lower Upper

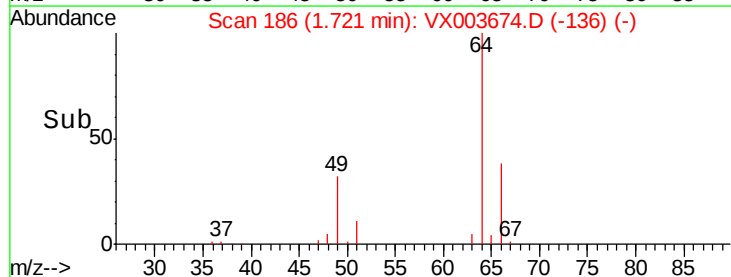
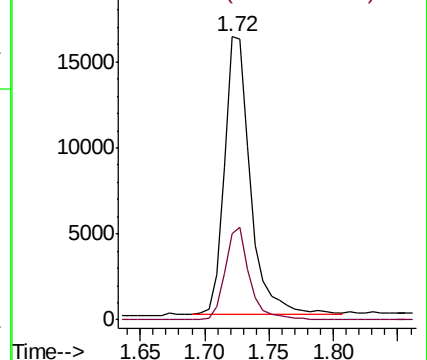
64 100

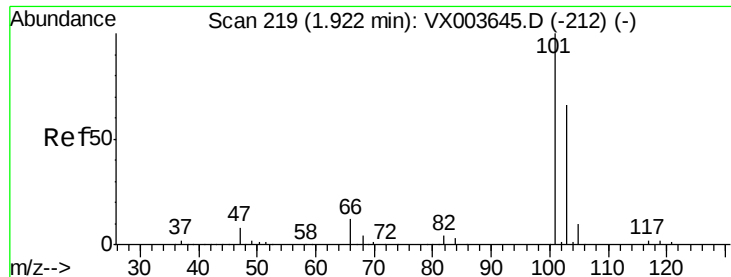
66 31.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



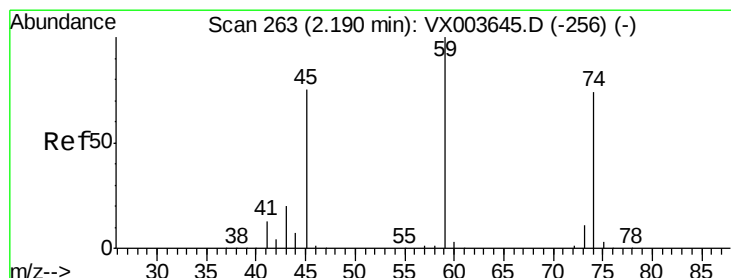
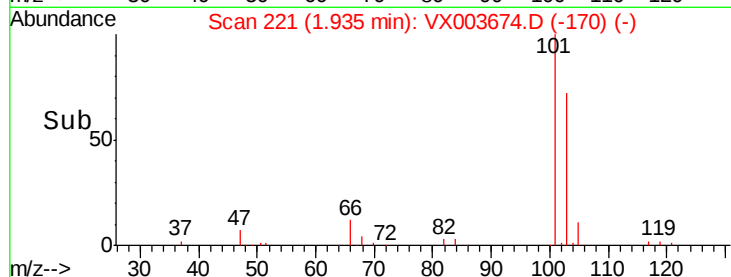
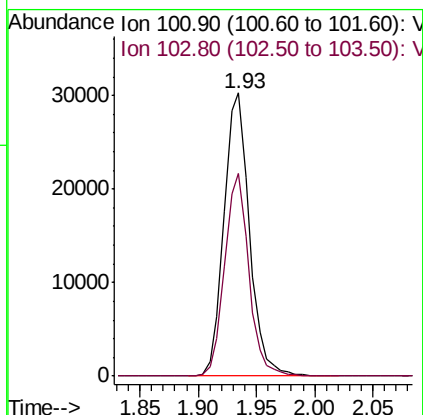
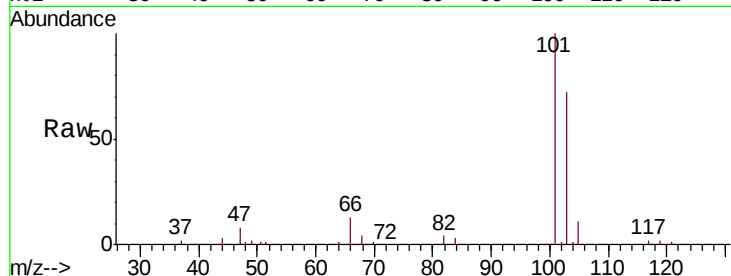


#7

Trichlorofluoromethane
Concen: 20.49 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

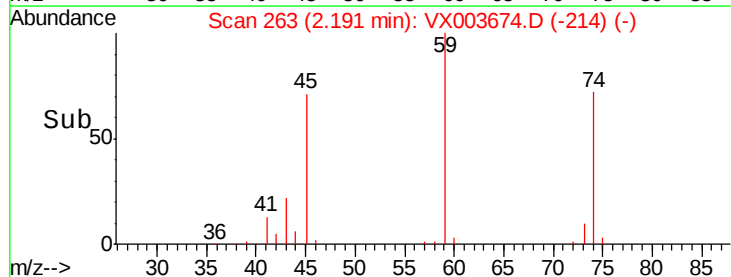
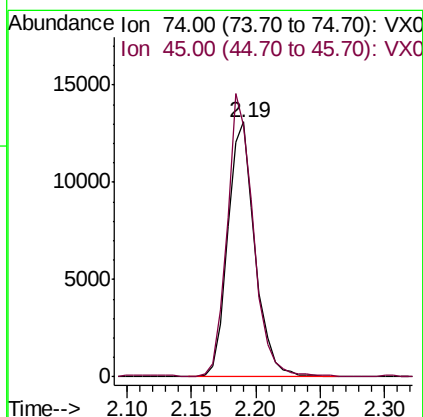
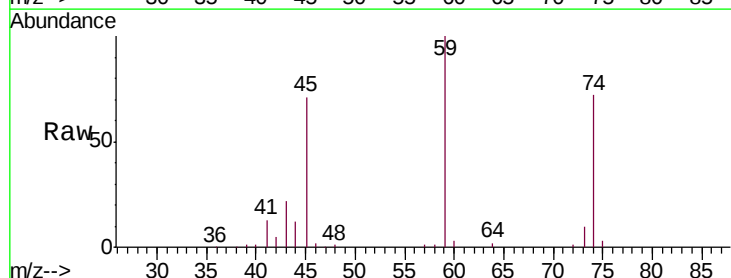
Tot Ion:101 Resp: 45885
Ion Ratio Lower Upper
101 100
103 71.7 53.2 79.8

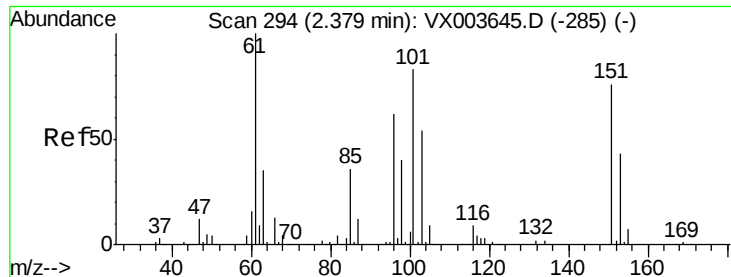


#8

Diethyl Ether
Concen: 19.75 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 74 Resp: 19380
Ion Ratio Lower Upper
74 100
45 107.2 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.92 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

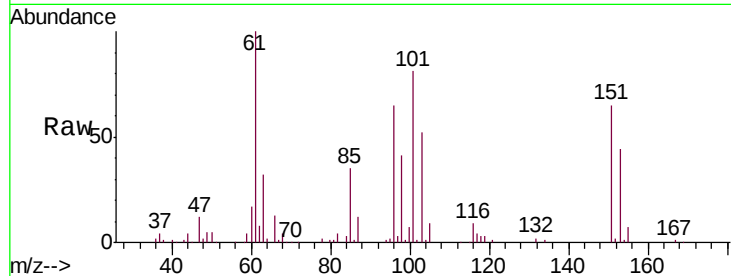
Tot Ion:101 Resp: 27460

Ion Ratio Lower Upper

101 100

85 44.5 34.6 52.0

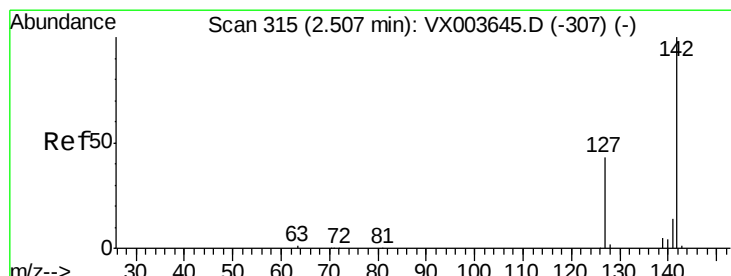
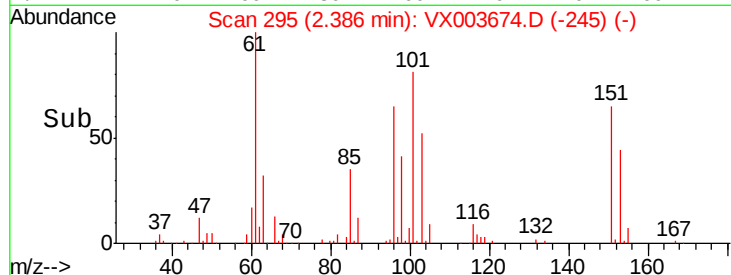
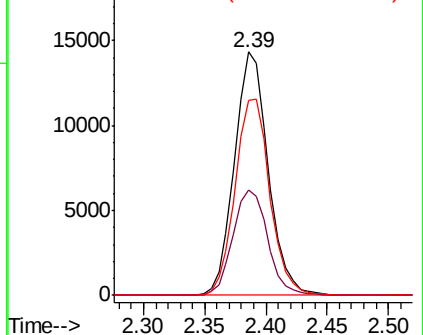
151 83.0 67.5 101.3



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: 21.12 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

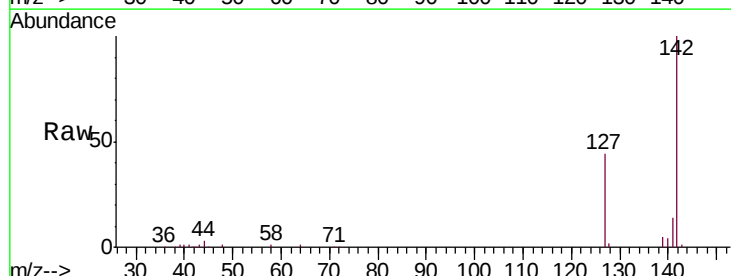
Tgt Ion:142 Resp: 35612

Ion Ratio Lower Upper

142 100

127 43.7 34.0 51.0

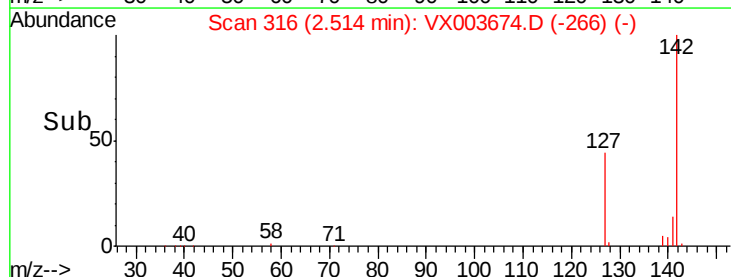
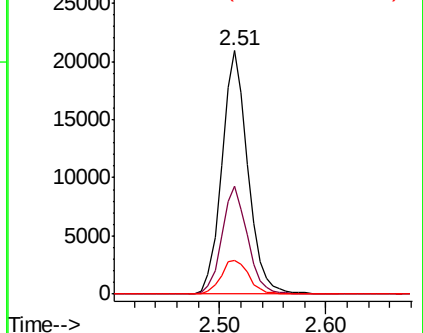
141 14.8 11.3 16.9

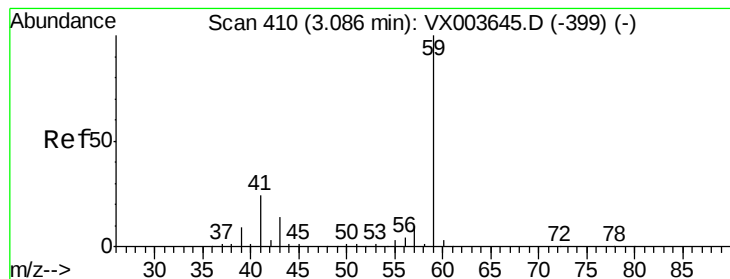


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



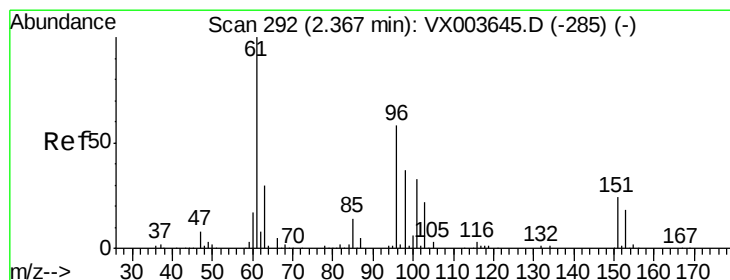
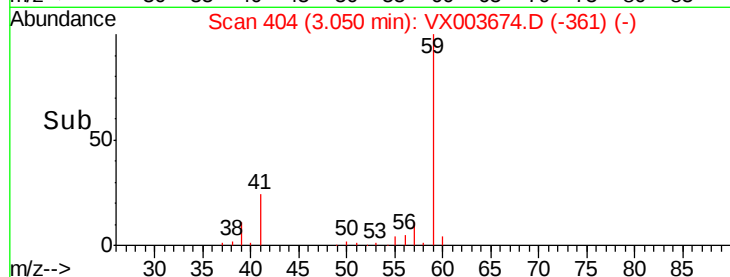
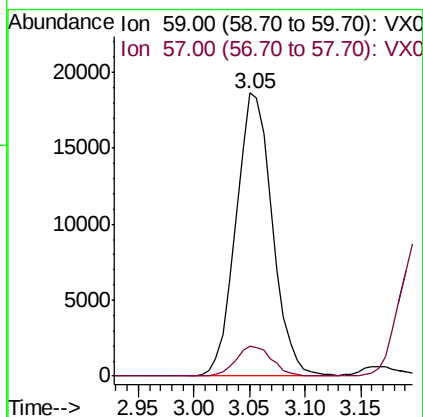
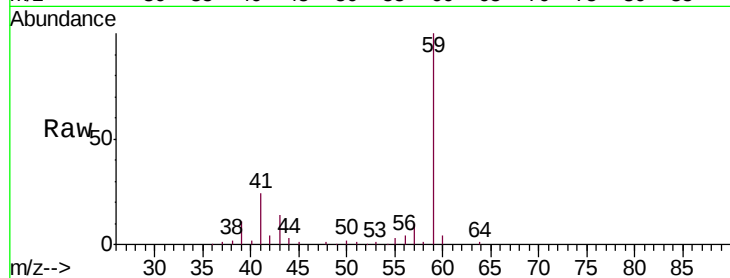


#11

Tert butyl alcohol
 Concen: 105.26 ug/l
 RT: 3.05 min Scan# 404
 Delta R.T. -0.04 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

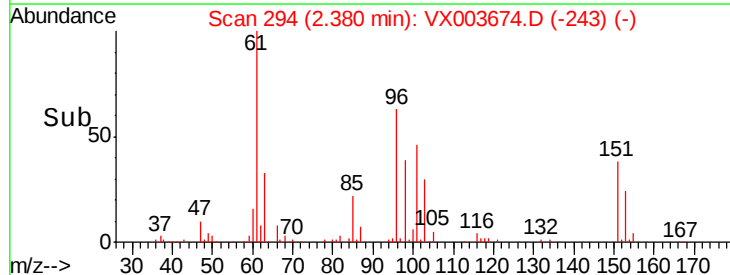
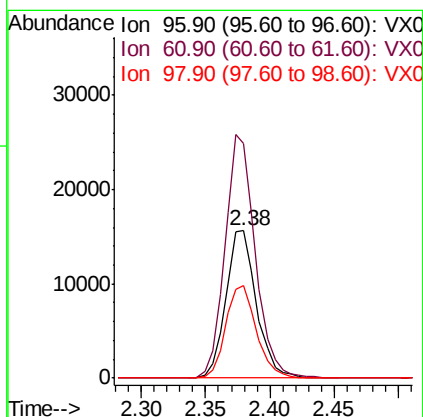
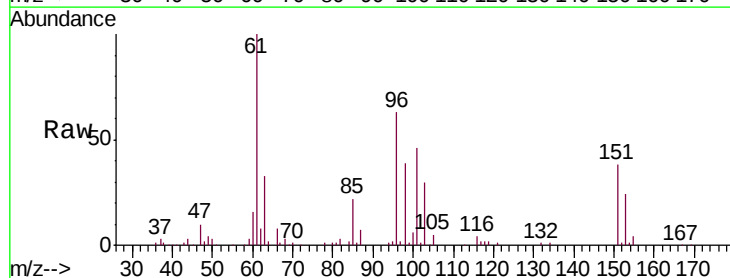
Tot Ion: 59 Resp: 42263
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

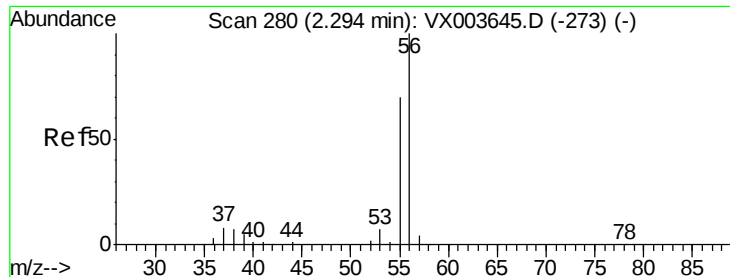


#12

1,1-Dichloroethene
 Concen: 19.85 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Tgt Ion: 96 Resp: 26040
 Ion Ratio Lower Upper
 96 100
 61 159.8 138.8 208.2
 98 62.8 51.4 77.2





#13

Acrolein

Concen: 109.70 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

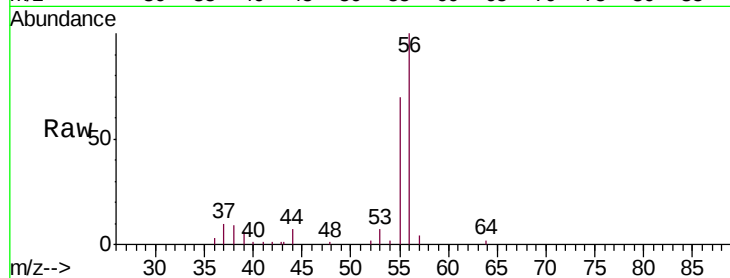
VX0726WBSD01

Tot Ion: 56 Resp: 21804

Ion Ratio Lower Upper

56 100

55 72.0 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

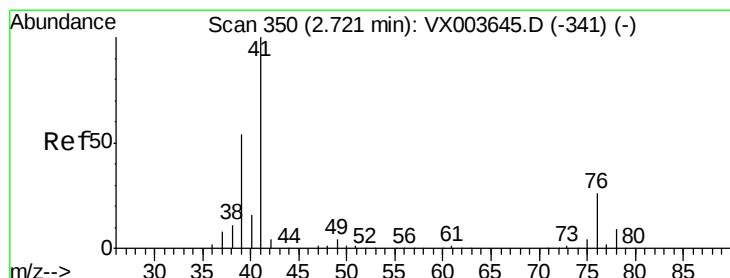
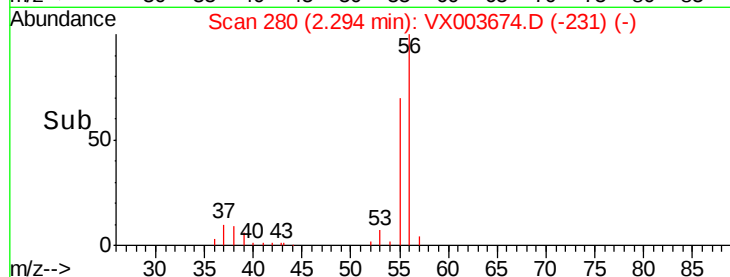
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.38 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

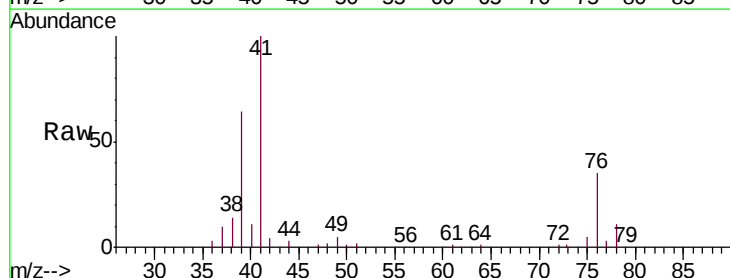
Tgt Ion: 41 Resp: 55719

Ion Ratio Lower Upper

41 100

39 59.2 45.3 67.9

76 29.6 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

60000

50000

40000

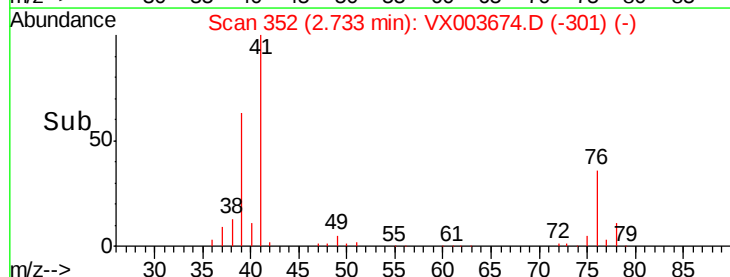
30000

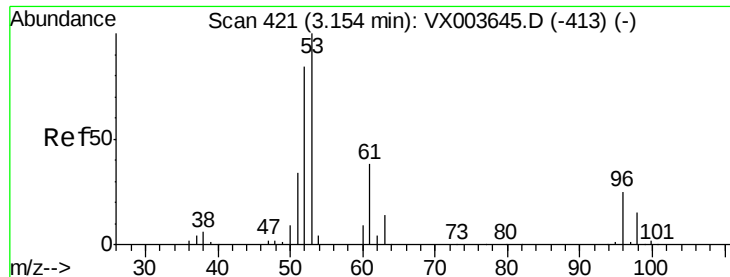
20000

10000

0

Time--> 2.60 2.70 2.80

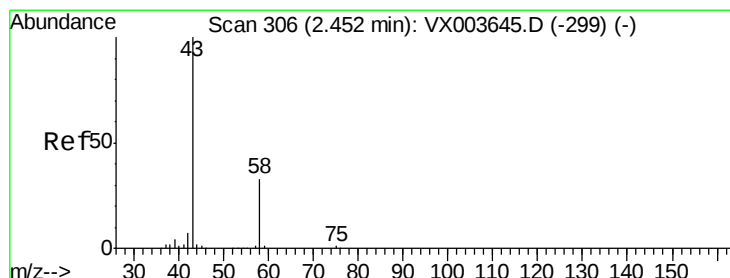
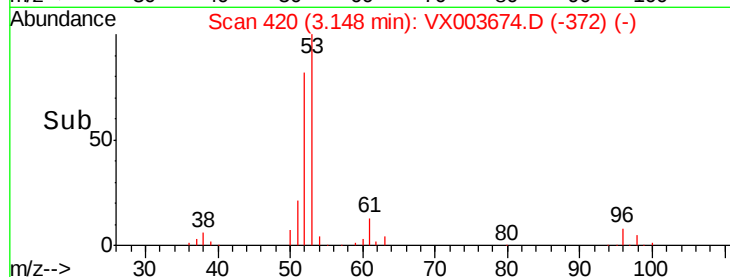
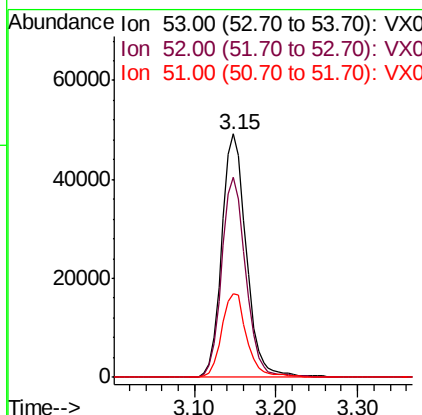
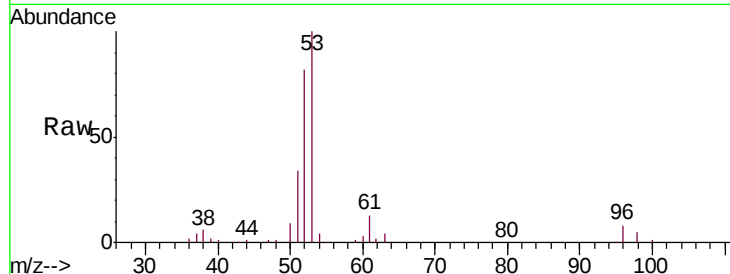




#15
 Acrylonitrile
 Concen: 105.89 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

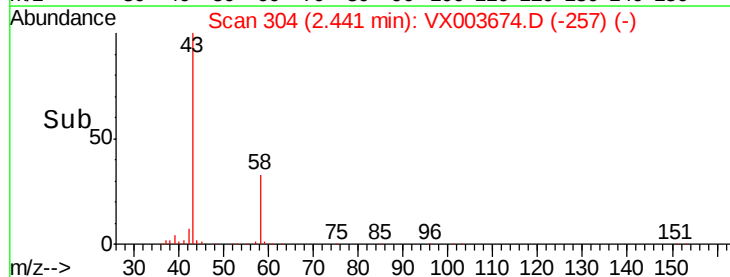
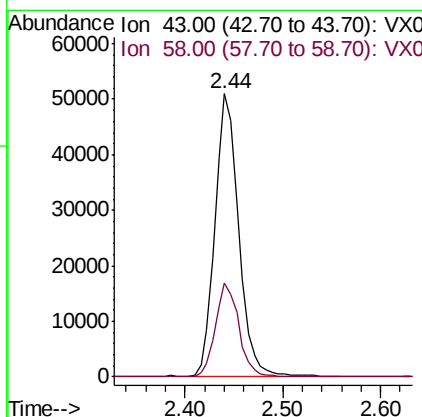
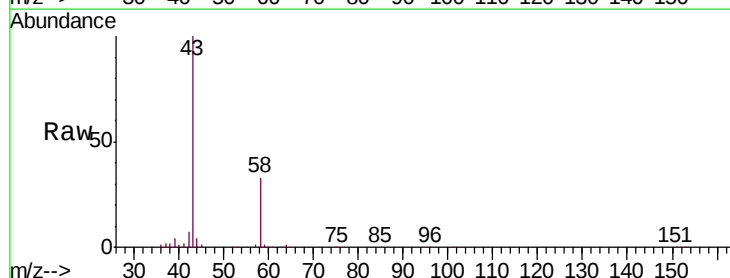
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

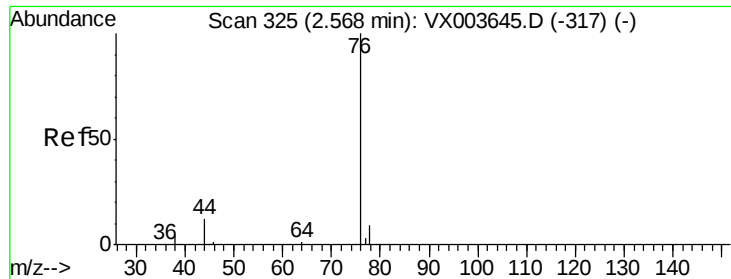
Tot Ion: 53 Resp: 102719
 Ion Ratio Lower Upper
 53 100
 52 81.3 66.1 99.1
 51 35.1 28.2 42.4



#16
 Acetone
 Concen: 107.83 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Tgt Ion: 43 Resp: 85086
 Ion Ratio Lower Upper
 43 100
 58 33.4 26.1 39.1

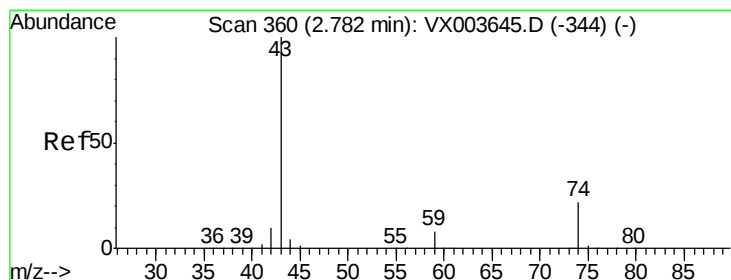
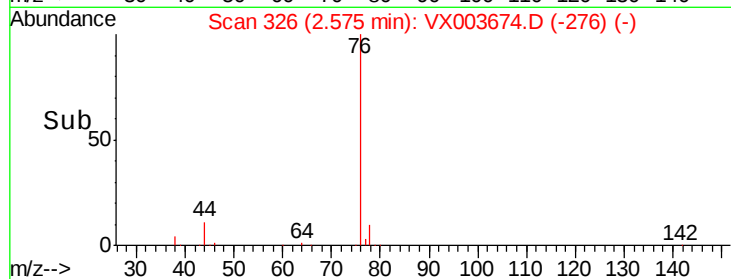
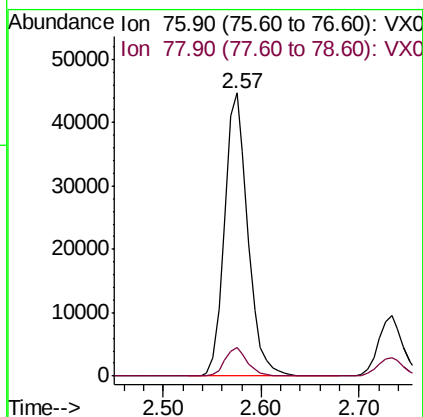
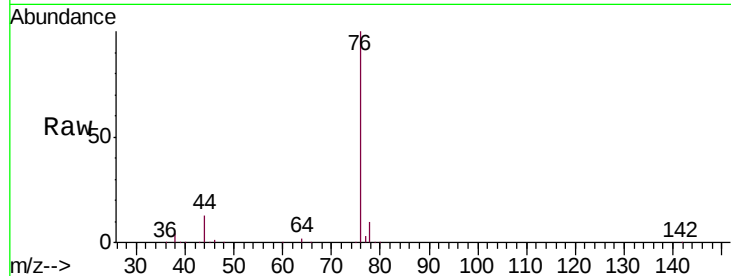




#17
Carbon Disulfide
Concen: 19.46 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

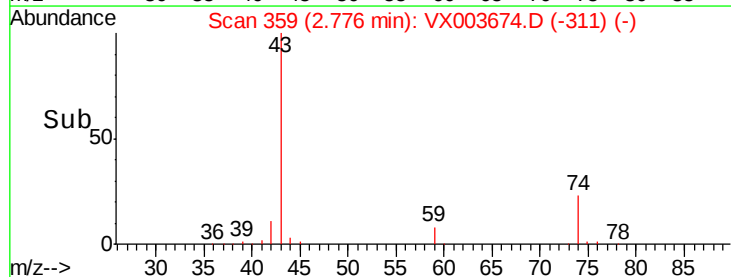
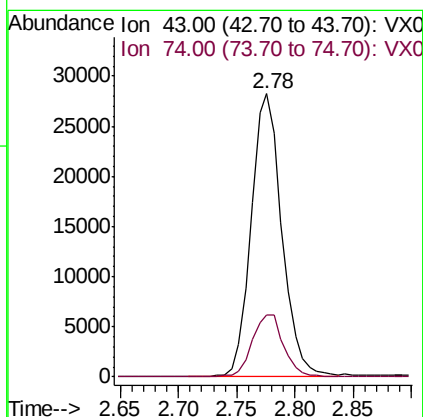
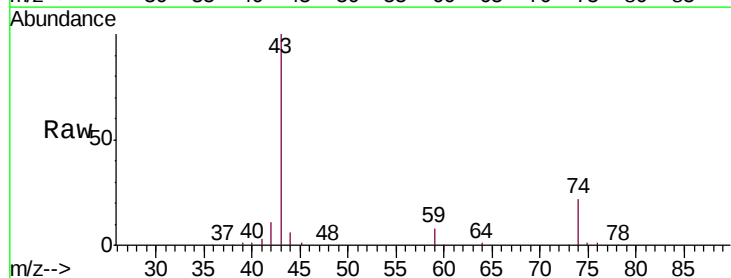
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

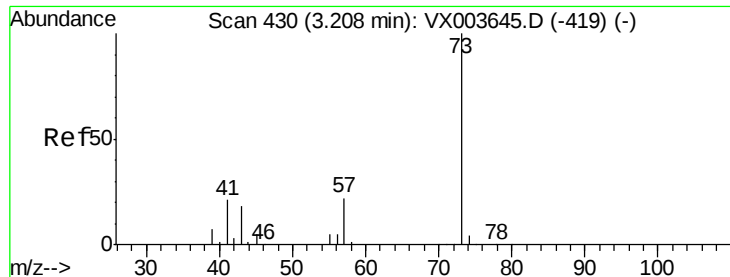
Tot Ion: 76 Resp: 73424
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 21.54 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 43 Resp: 51339
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8

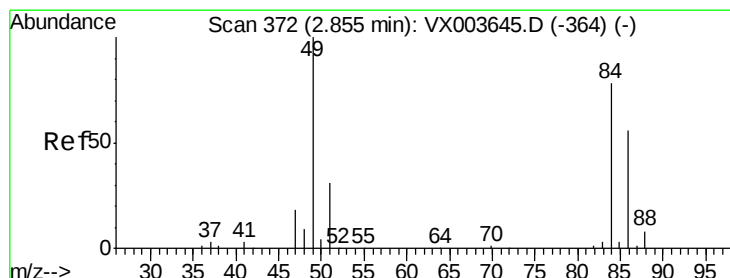
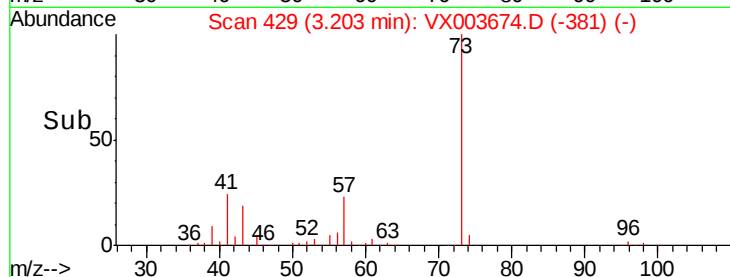
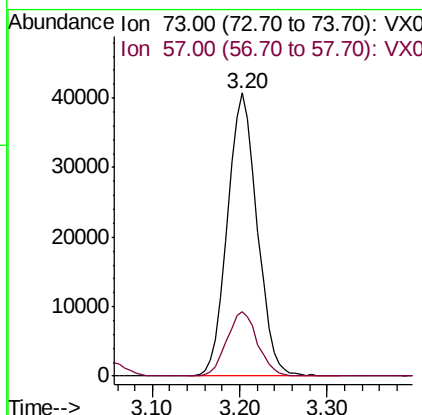
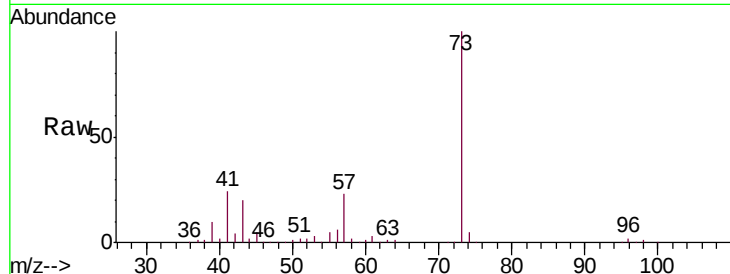




#19
Methyl tert-butyl Ether
Concen: 20.78 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

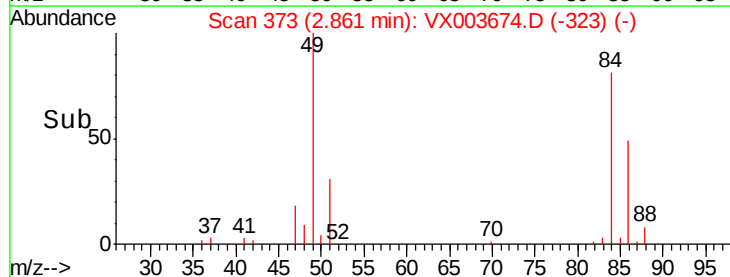
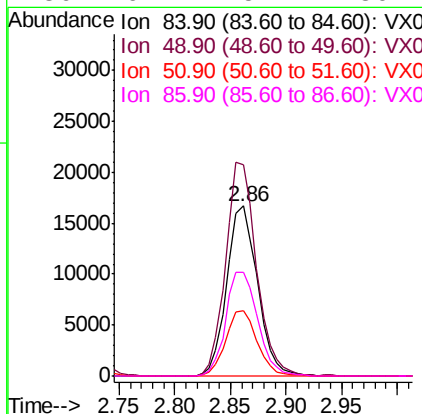
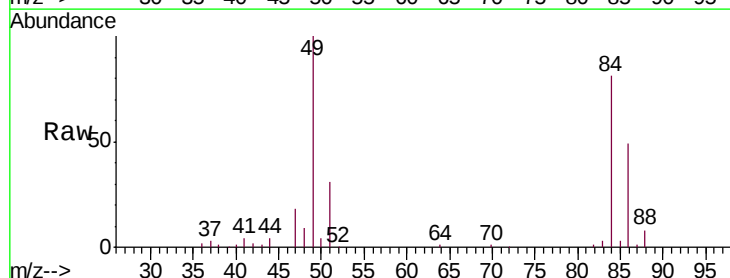
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

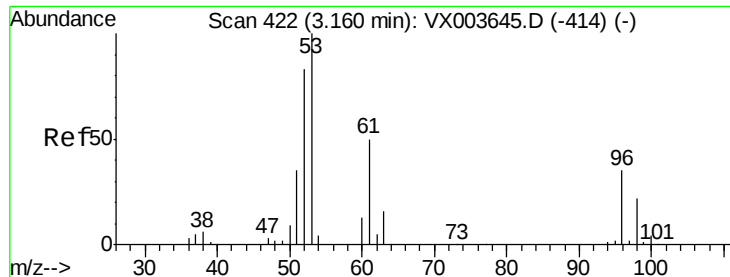
Tot Ion: 73 Resp: 96267
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2



#20
Methylene Chloride
Concen: 20.59 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 84 Resp: 32190
Ion Ratio Lower Upper
84 100
49 124.1 102.3 153.5
51 38.7 31.8 47.8
86 61.1 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 20.70 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

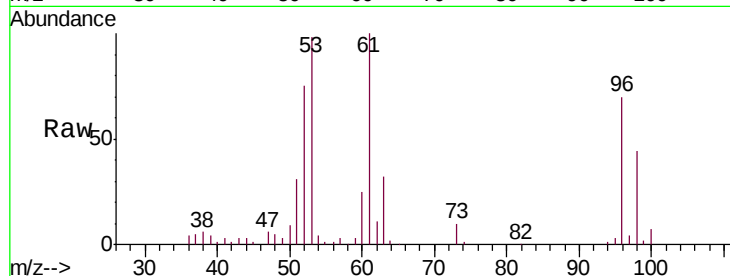
Tot Ion: 96 Resp: 29196

Ion Ratio Lower Upper

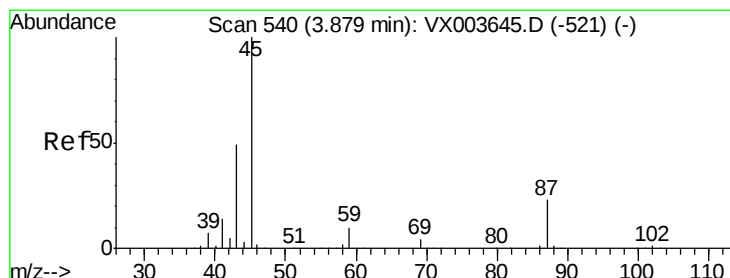
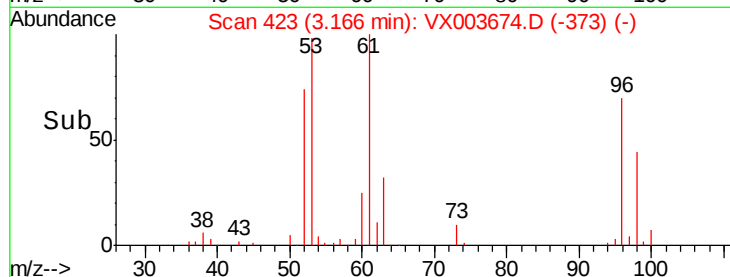
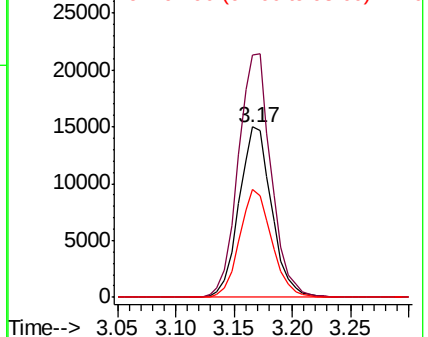
96 100

61 142.8 115.0 172.4

98 63.2 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: 21.54 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Tgt Ion: 45 Resp: 107521

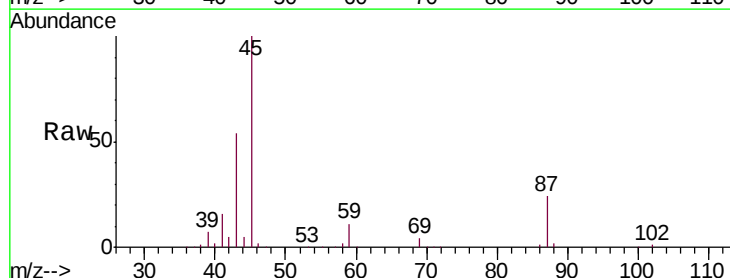
Ion Ratio Lower Upper

45 100

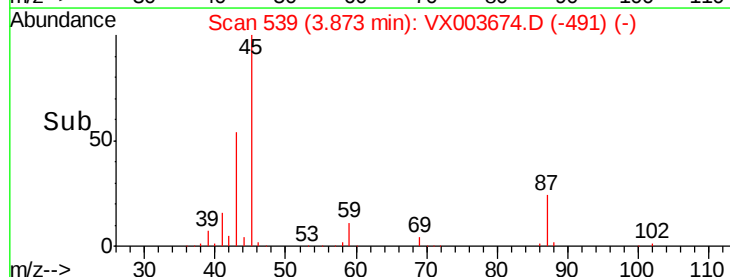
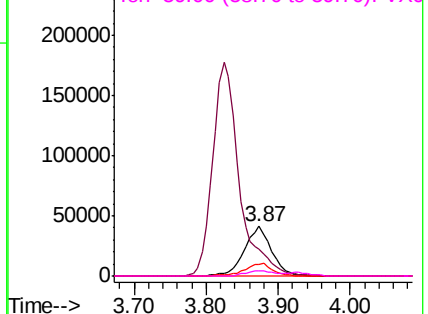
43 53.5 39.0 58.4

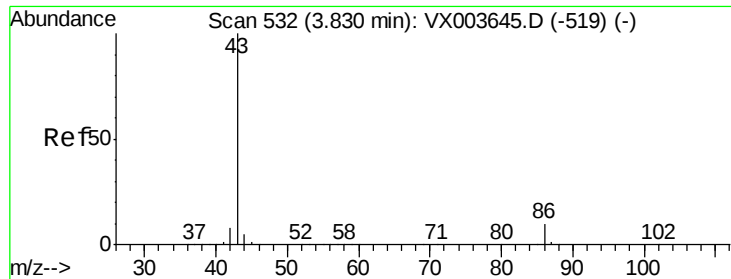
87 23.5 18.4 27.6

59 10.7 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: 106.65 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

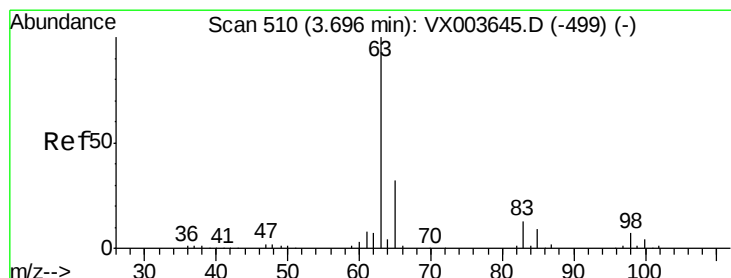
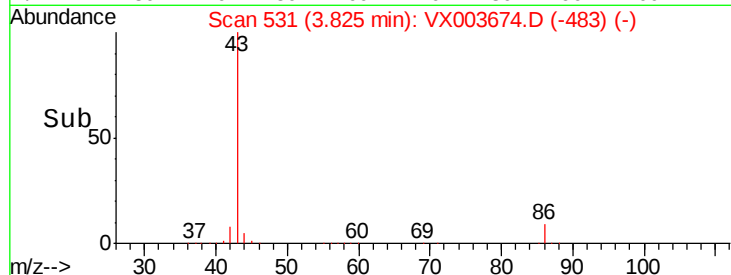
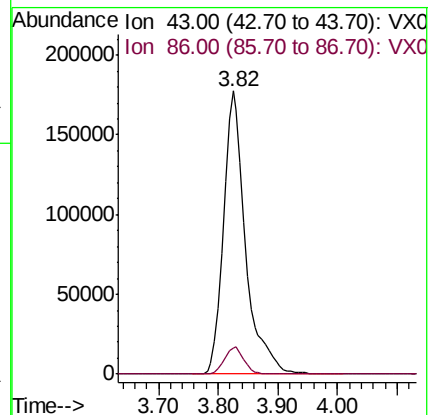
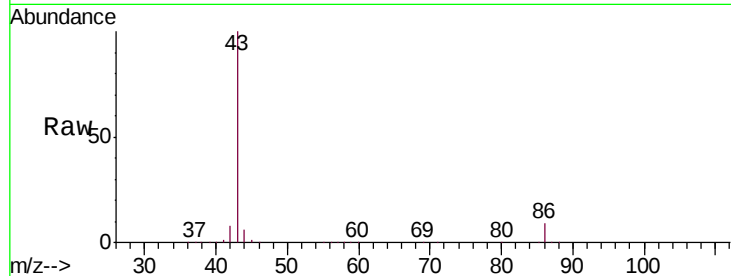
VX0726WBSD01

Tot Ion: 43 Resp: 456062

Ion Ratio Lower Upper

43 100

86 9.3 7.7 11.5



#24

1,1-Dichloroethane

Concen: 20.50 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

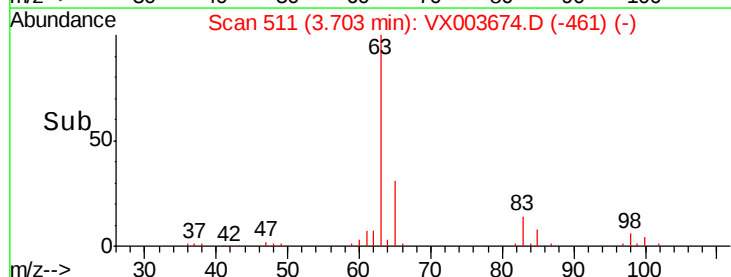
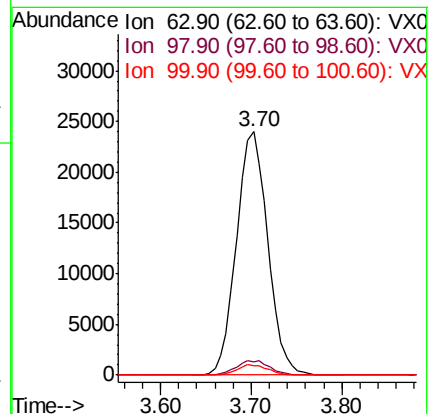
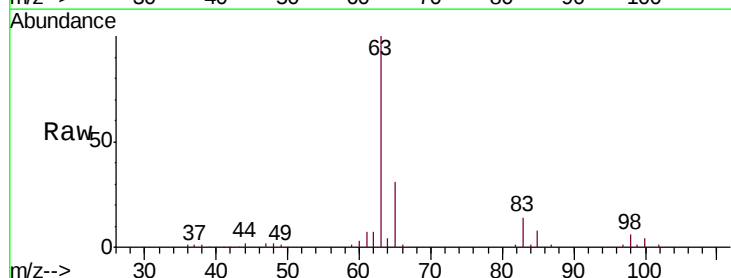
Tgt Ion: 63 Resp: 57673

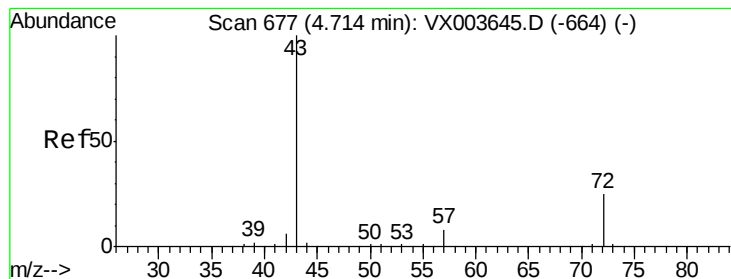
Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

100 3.6 2.1 6.3





#25

2-Butanone

Concen: 108.45 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

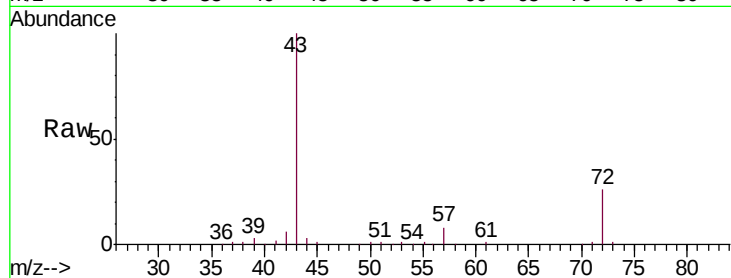
VX0726WBSD01

Tot Ion: 43 Resp: 132198

Ion Ratio Lower Upper

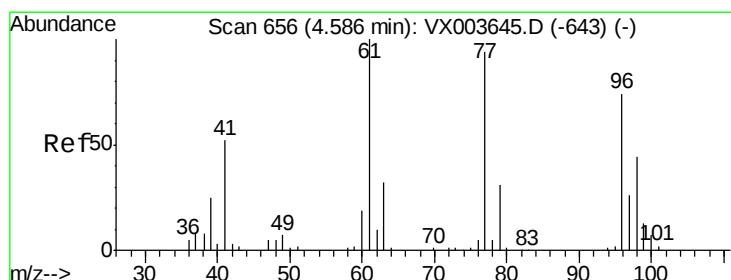
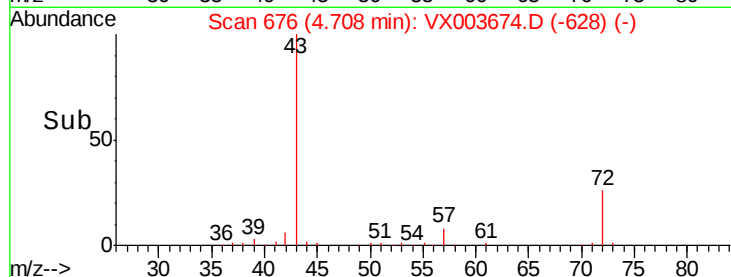
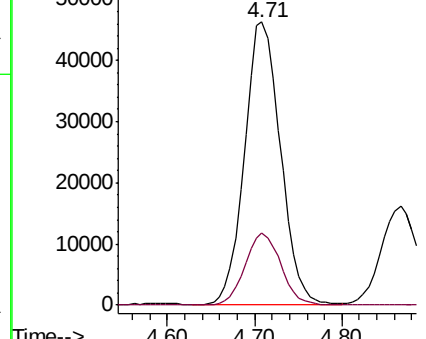
43 100

72 25.7 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: 23.96 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003674.D

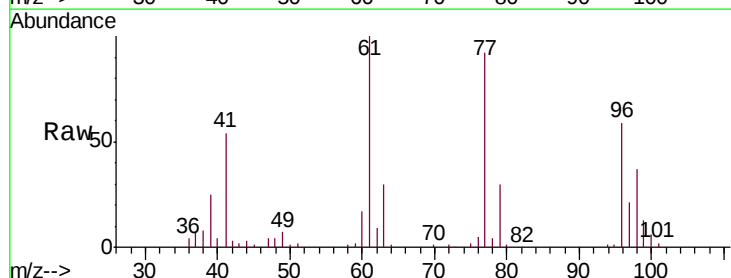
Acq: 26 Jul 2018 17:04

Tgt Ion: 77 Resp: 42624

Ion Ratio Lower Upper

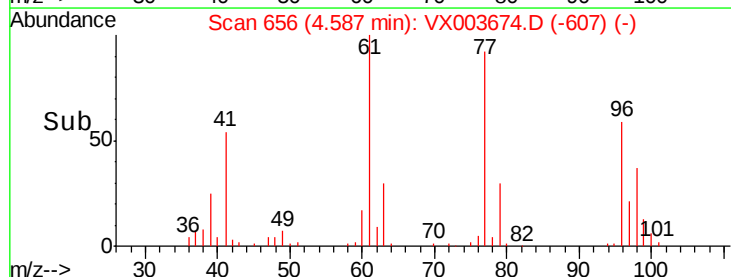
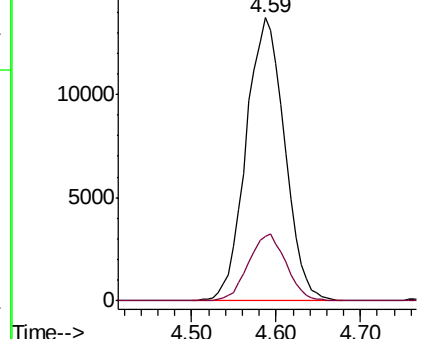
77 100

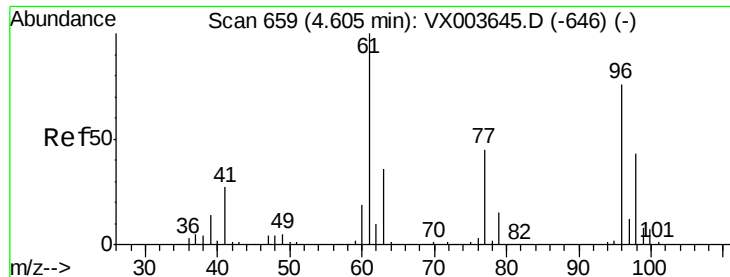
97 23.1 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



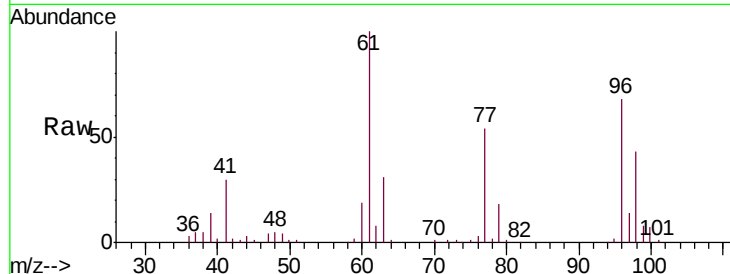


#27

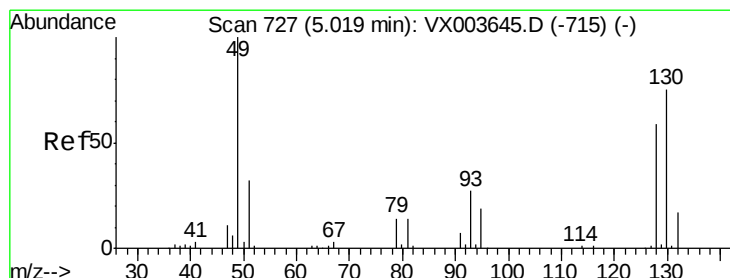
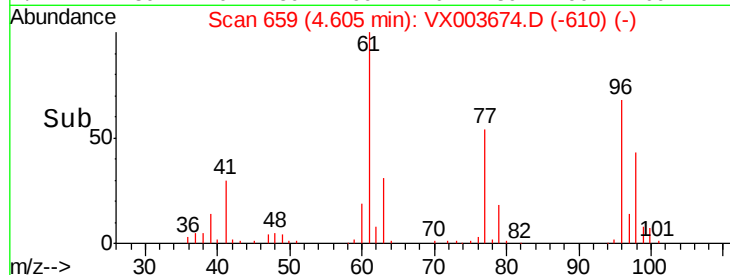
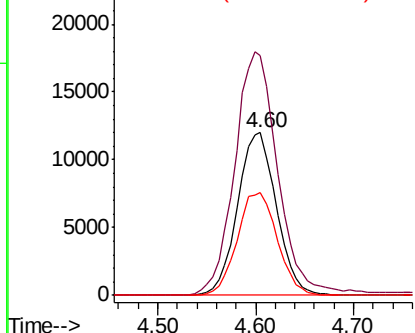
cis-1,2-Dichloroethene
Concen: 21.60 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion: 96 Resp: 33073
Ion Ratio Lower Upper
96 100
61 168.4 0.0 313.6
98 64.9 0.0 125.6



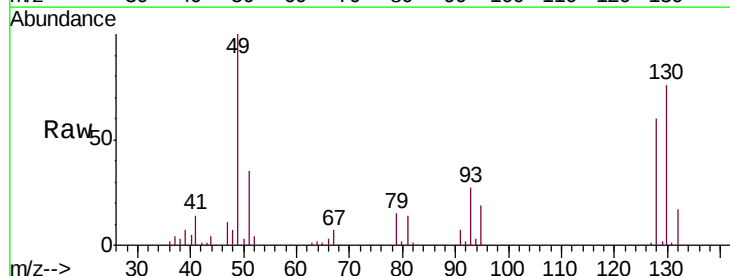
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



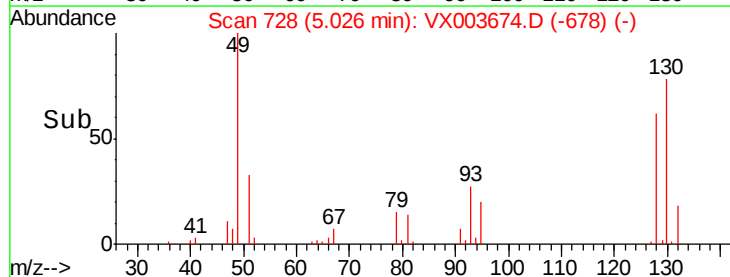
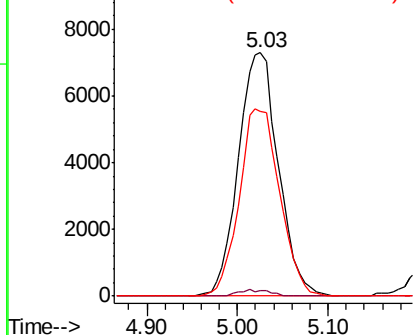
#28

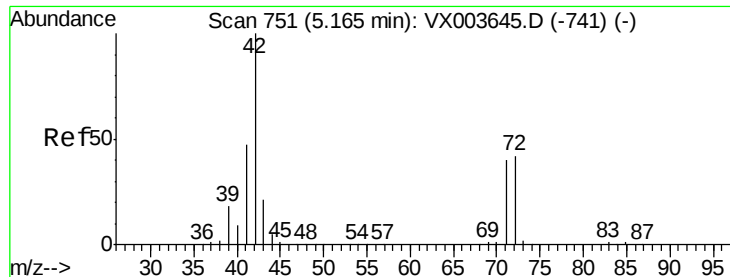
Bromochloromethane
Concen: 19.78 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 49 Resp: 22335
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 77.3 61.0 91.6



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

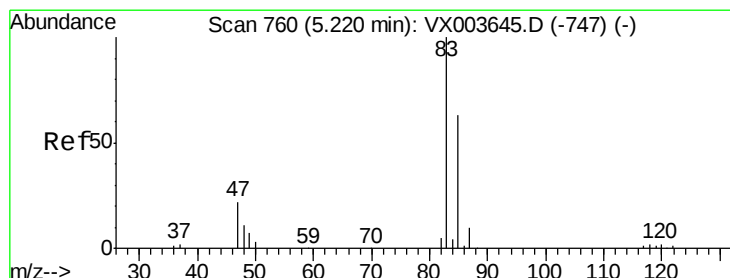
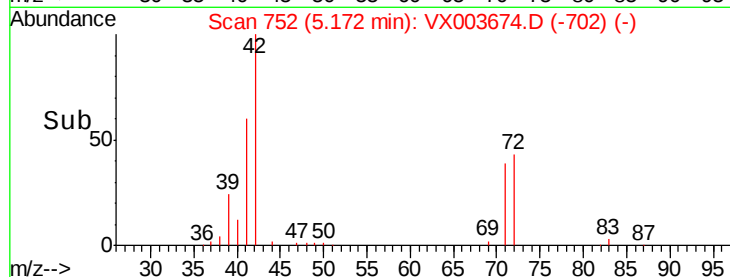
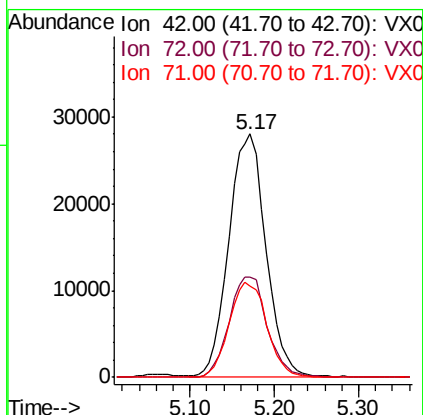
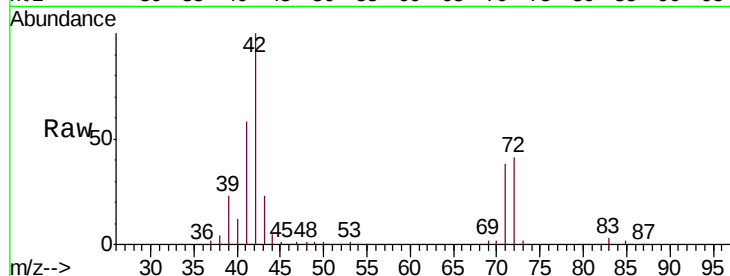




#29
Tetrahydrofuran
Concen: 105.13 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

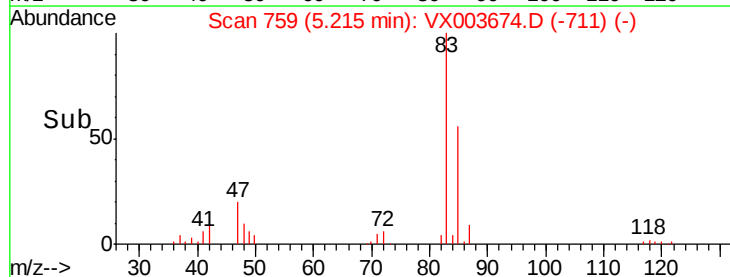
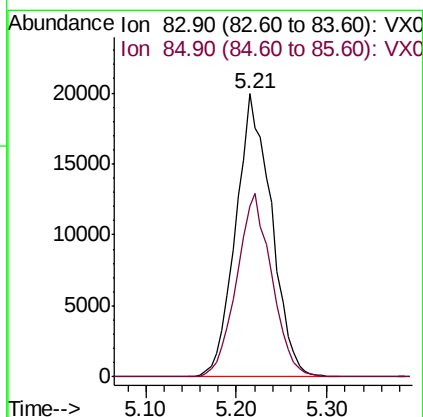
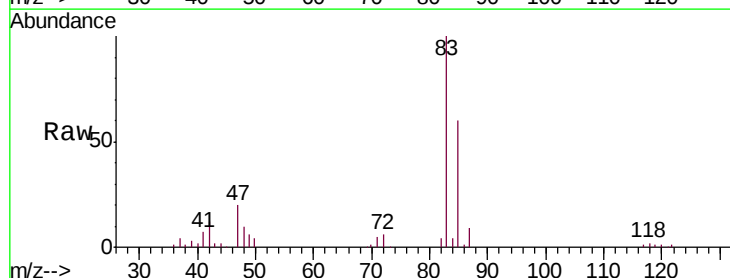
Instrument :
MSVOA_X
ClientSampled :
VX0726WBSD01

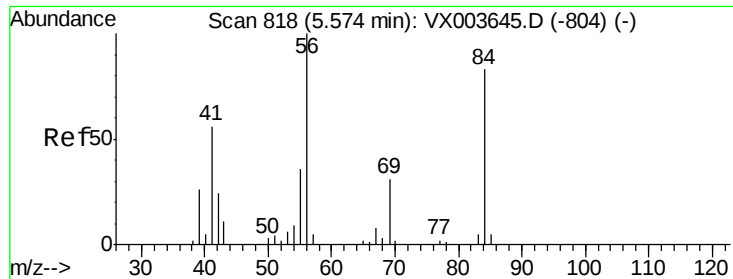
Tot Ion: 42 Resp: 83429
Ion Ratio Lower Upper
42 100
72 42.5 33.4 50.0
71 40.0 31.0 46.6



#30
Chloroform
Concen: 21.29 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 83 Resp: 54321
Ion Ratio Lower Upper
83 100
85 60.1 50.2 75.4

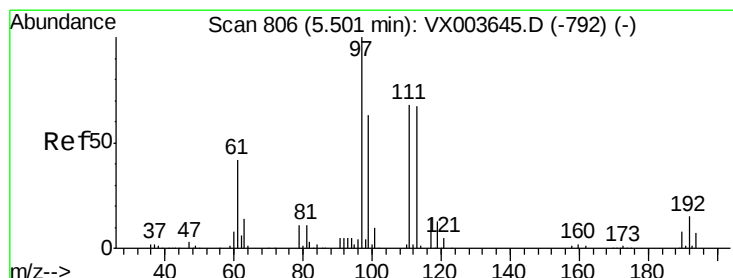
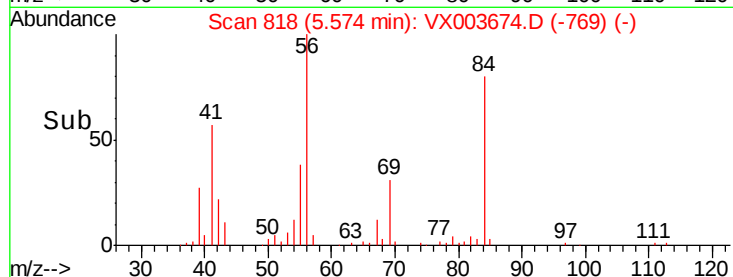
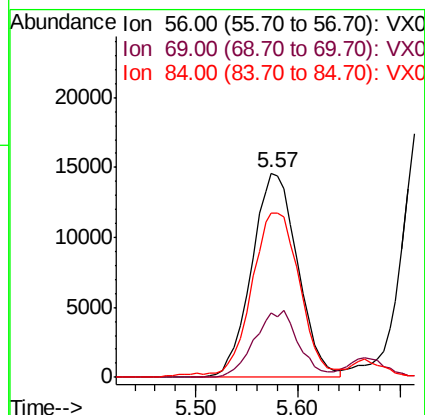
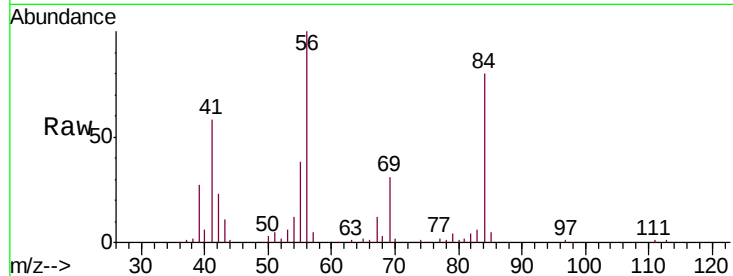




#31
Cyclohexane
Concen: 20.23 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

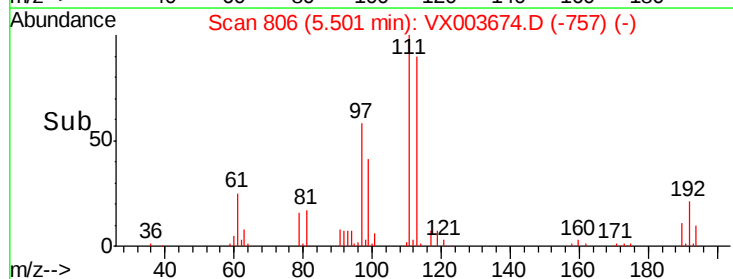
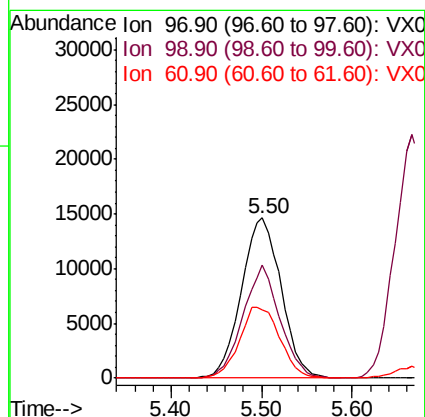
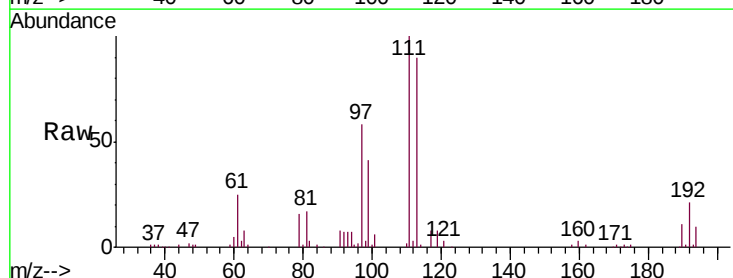
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

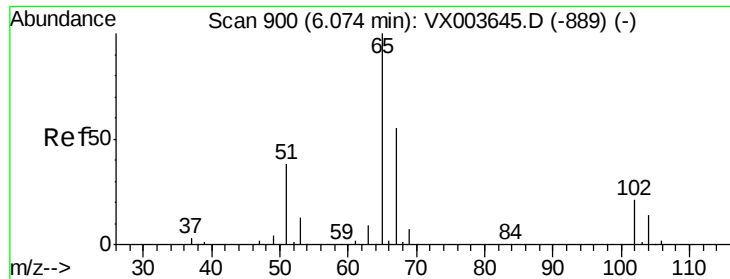
Tot Ion: 56 Resp: 45693
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 78.5 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 20.93 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 97 Resp: 44366
Ion Ratio Lower Upper
97 100
99 65.6 50.4 75.6
61 45.3 34.5 51.7

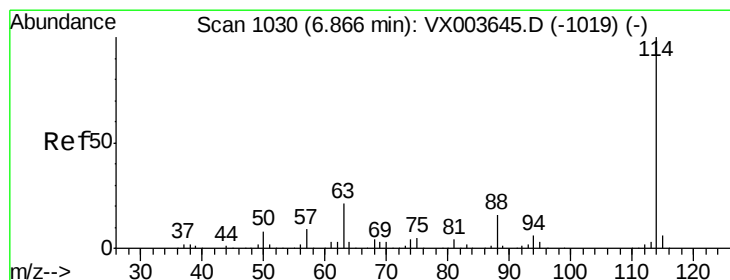
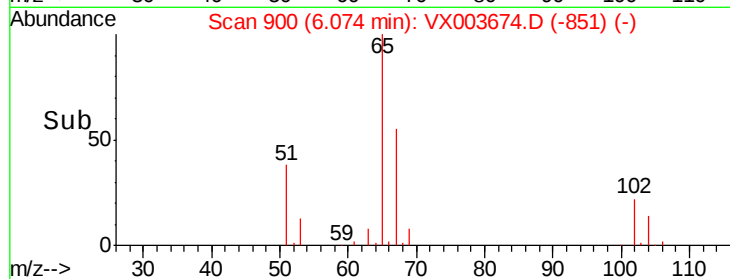
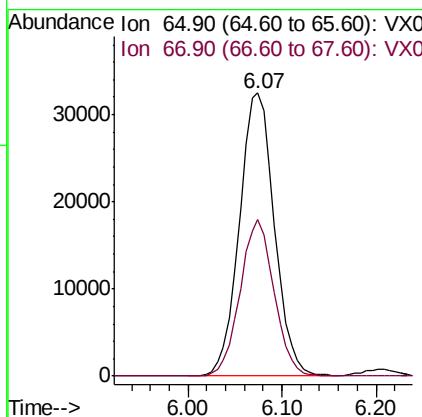
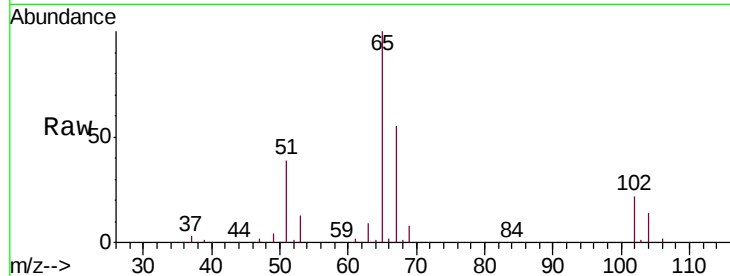




#33
 1,2-Dichloroethane-d4
 Concen: 50.31 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

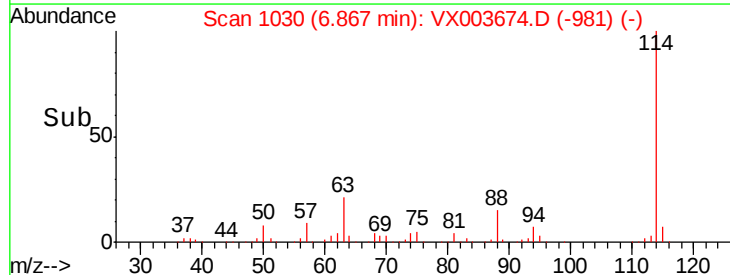
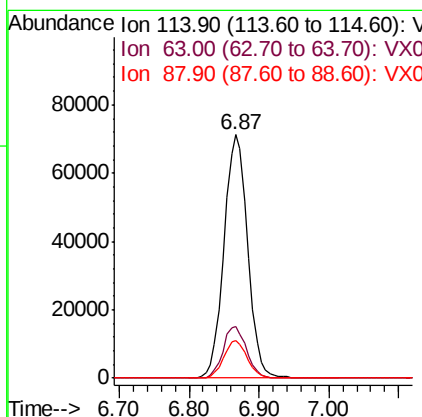
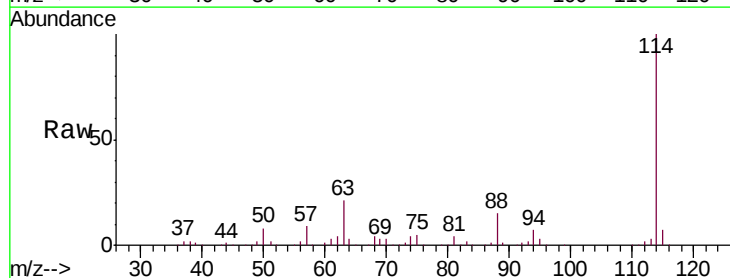
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

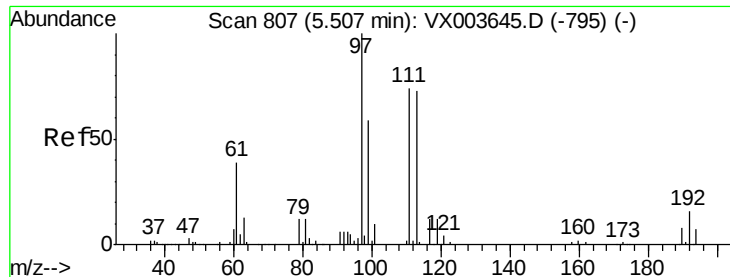
Tot Ion: 65 Resp: 84509
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Tgt Ion: 114 Resp: 167123
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.0
 88 15.5 0.0 31.8

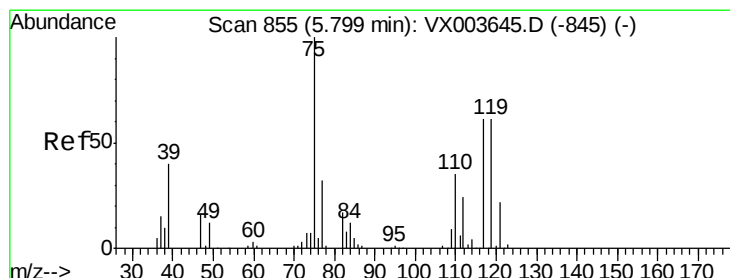
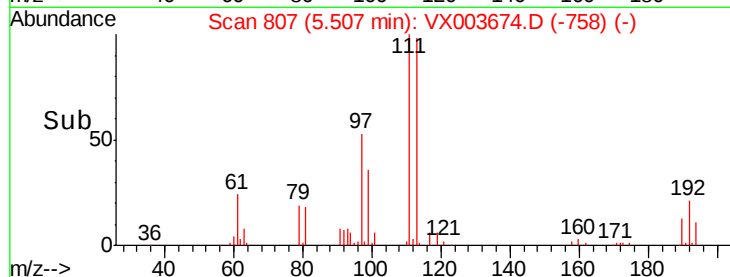
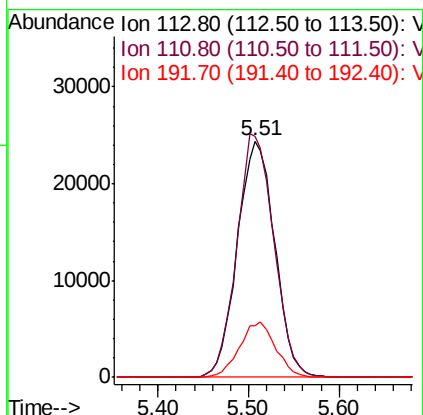
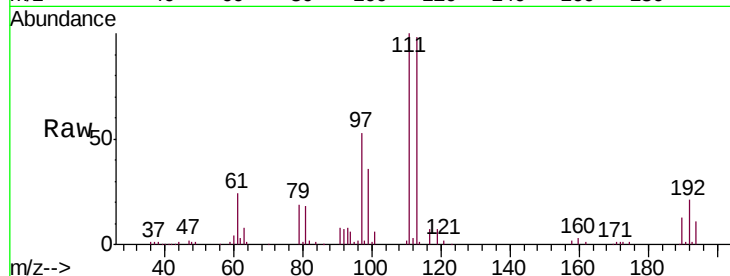




#35
 Dibromofluoromethane
 Concen: 51.07 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

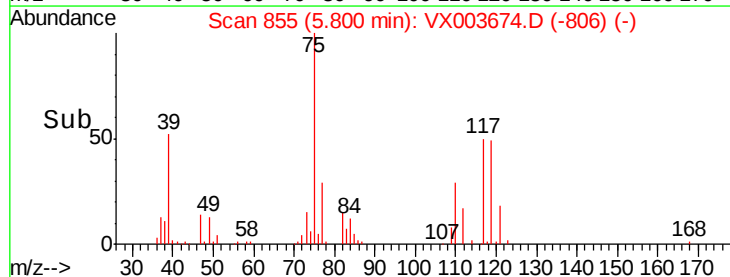
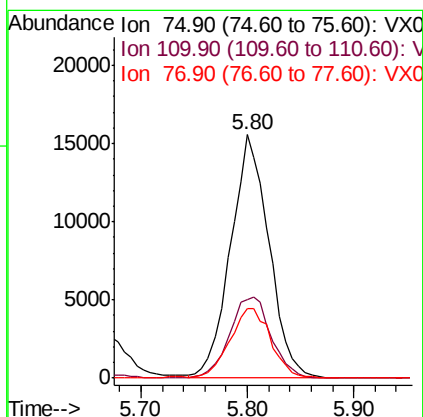
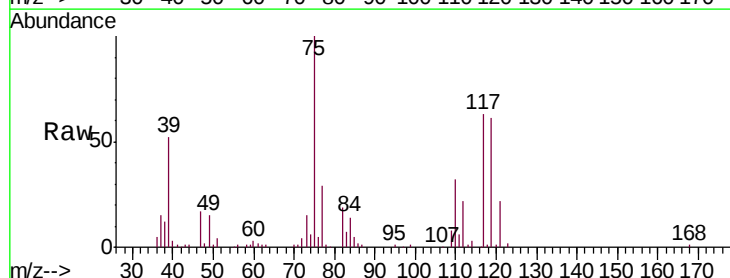
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

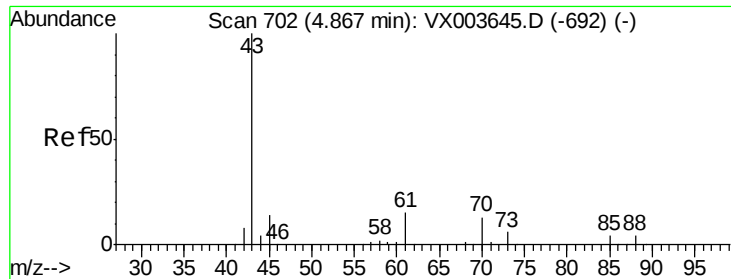
Tot Ion:113 Resp: 69768
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.2 121.8
 192 22.4 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 20.15 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Tgt Ion: 75 Resp: 39364
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.1
 77 30.6 25.1 37.7

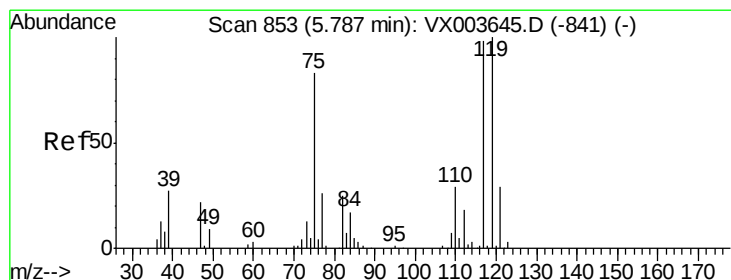
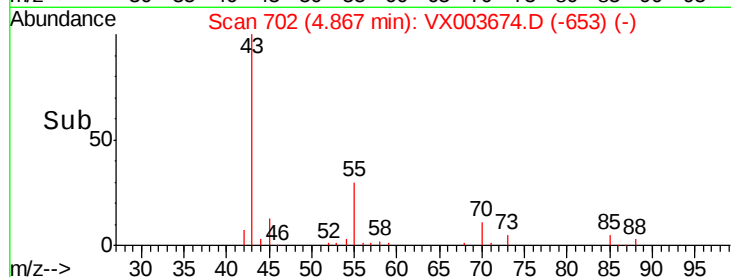
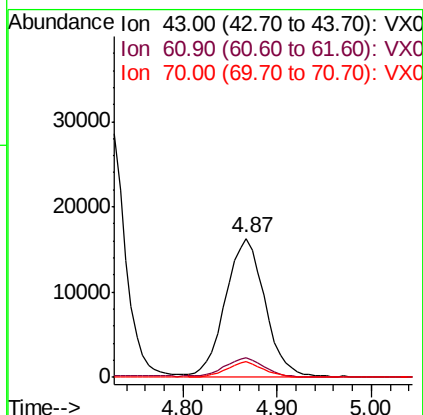
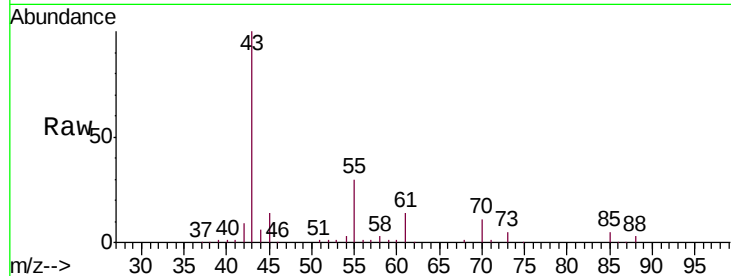




#37
Ethyl Acetate
Concen: 20.01 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

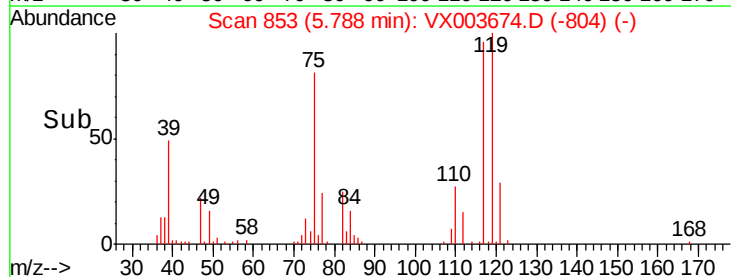
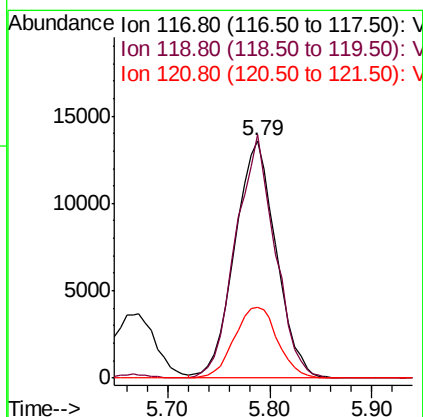
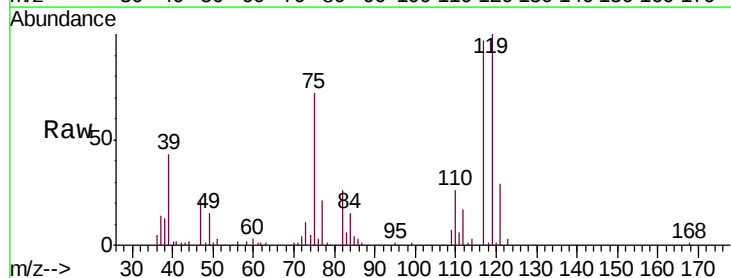
Instrument :
MSVOA_X
ClientSampled :
VX0726WBSD01

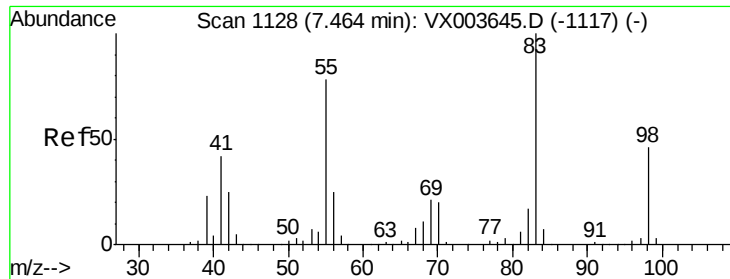
Tot Ion: 43 Resp: 47000
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 10.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 20.29 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 117 Resp: 38194
Ion Ratio Lower Upper
117 100
119 102.6 81.0 121.4
121 29.8 23.7 35.5

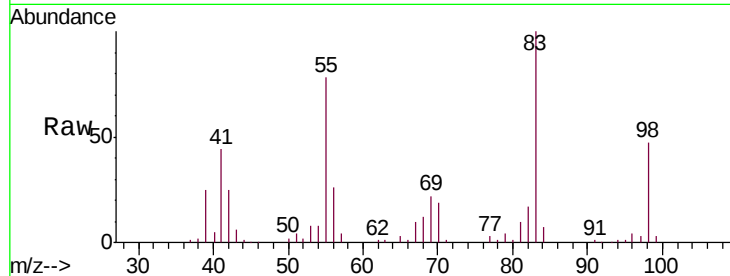




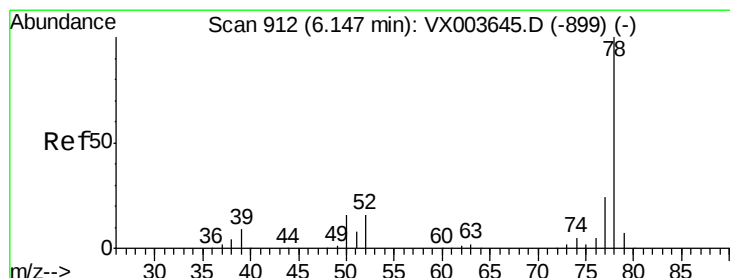
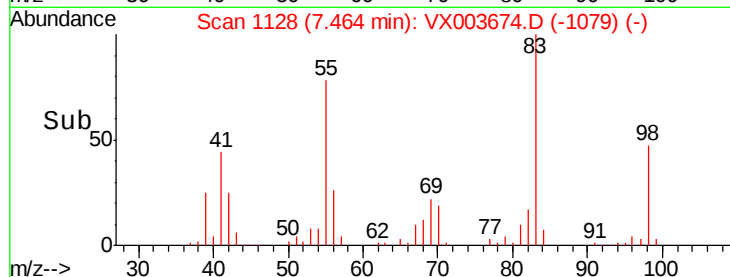
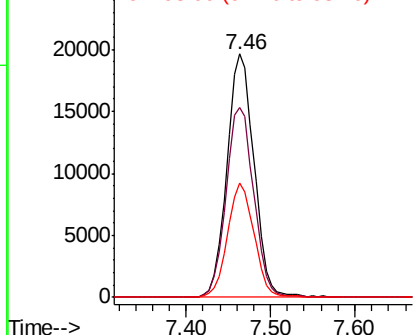
#39
Methvlcvclohexane
Concen: 19.96 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Instrument :
MSVOA_X
ClientSampled :
VX0726WBSD01

Tot Ion: 83 Resp: 42910
Ion Ratio Lower Upper
83 100
55 78.1 62.6 93.8
98 47.1 36.6 55.0

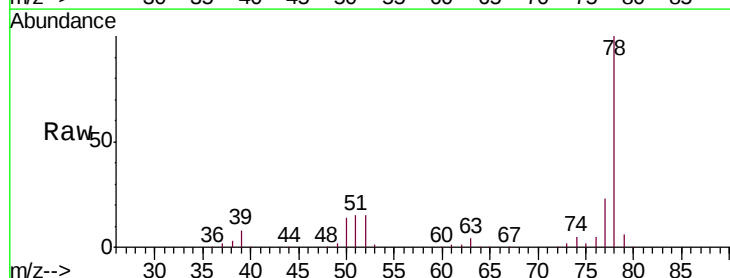


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

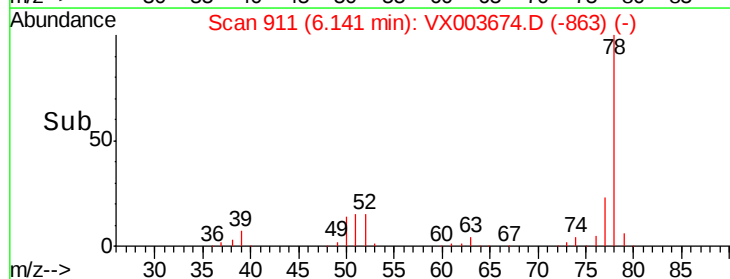
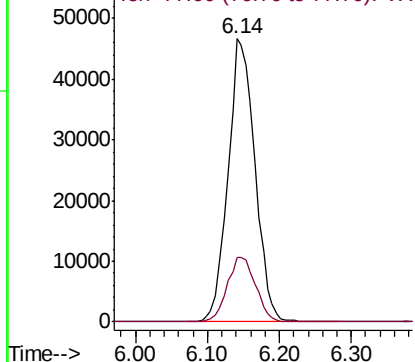


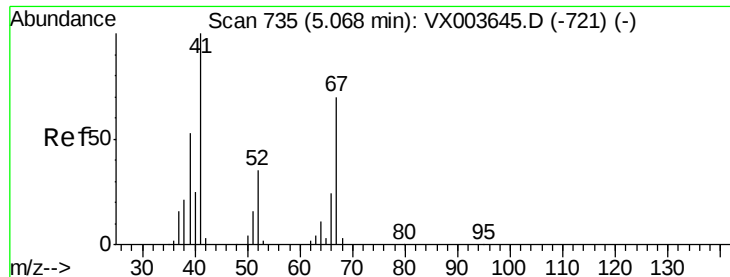
#40
Benzene
Concen: 20.95 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 78 Resp: 121116
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



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





#41

Methacrylonitrile

Concen: 20.09 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 41 Resp: 26130

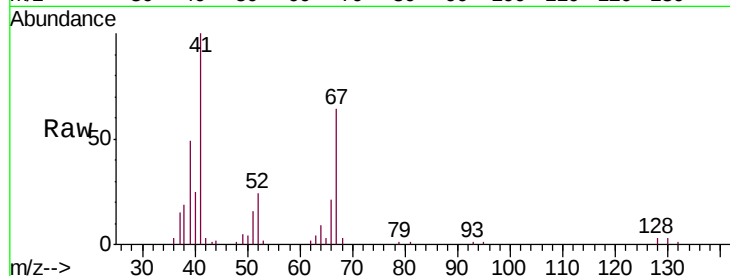
Ion Ratio Lower Upper

41 100

39 54.9 42.2 63.4

67 70.0 56.6 84.8

52 30.6 24.0 36.0

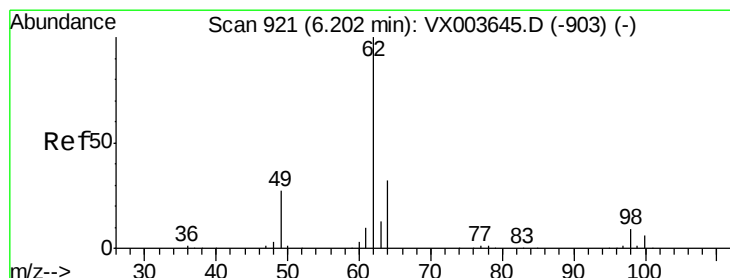
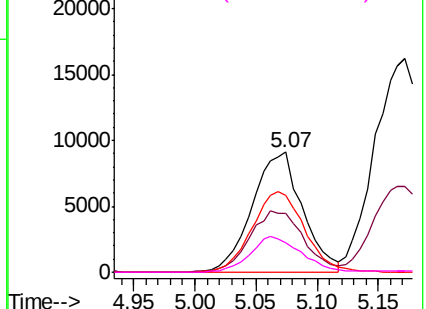
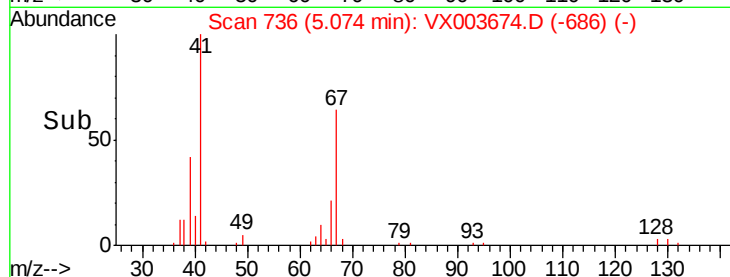


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.05 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX003674.D

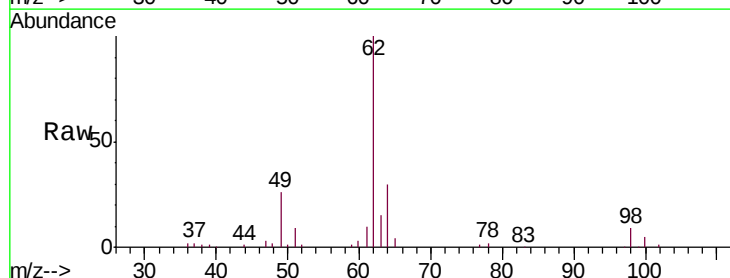
Acq: 26 Jul 2018 17:04

Tgt Ion: 62 Resp: 42830

Ion Ratio Lower Upper

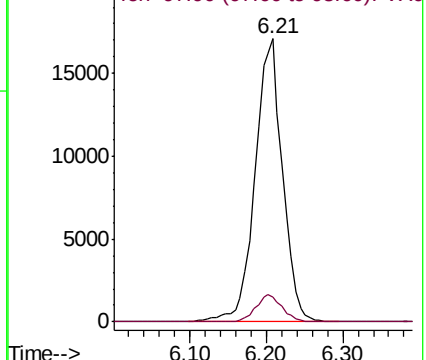
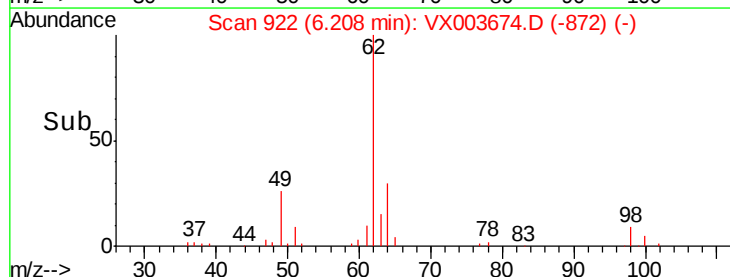
62 100

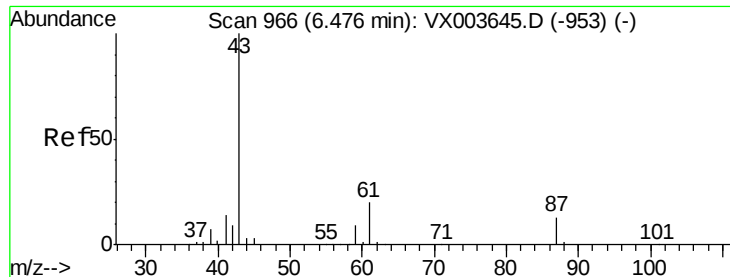
98 9.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



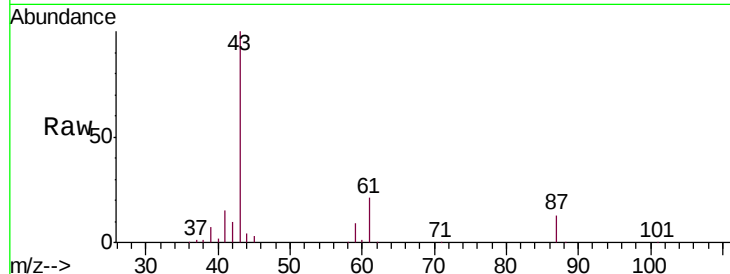


#43

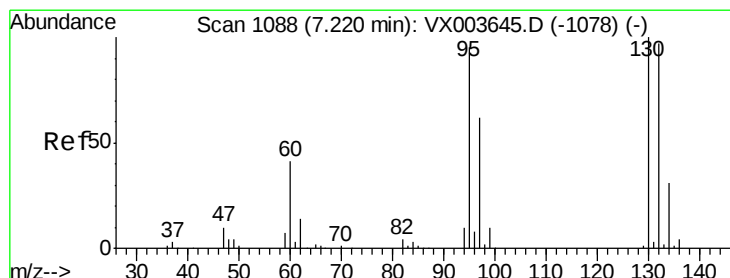
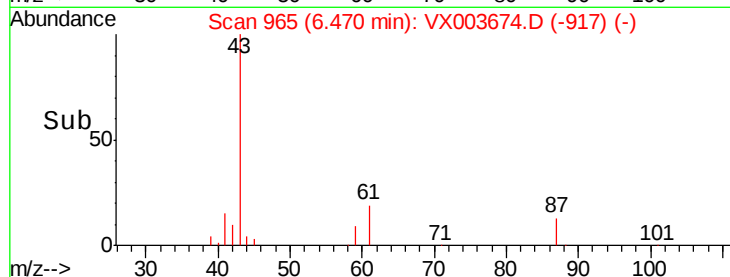
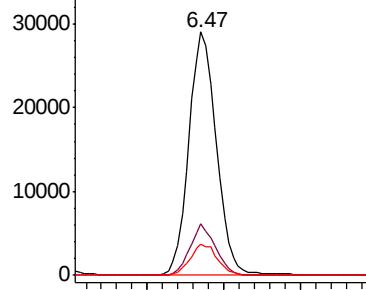
Isopropyl Acetate
 Concen: 21.10 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion: 43 Resp: 72312
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.9 23.9
 87 12.6 10.1 15.1



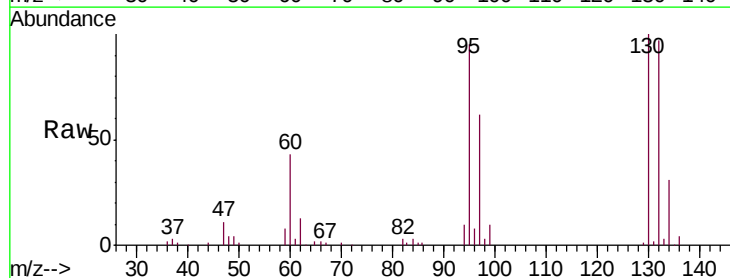
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



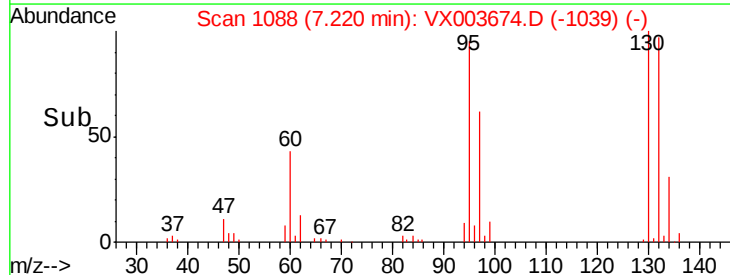
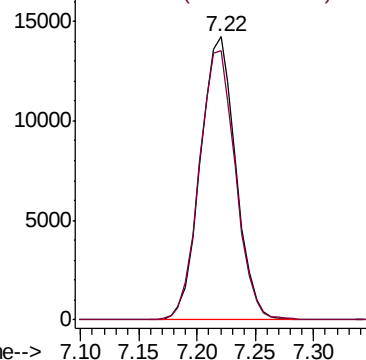
#44

Trichloroethene
 Concen: 19.39 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Tgt Ion:130 Resp: 30050
 Ion Ratio Lower Upper
 130 100
 95 95.2 0.0 190.0



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

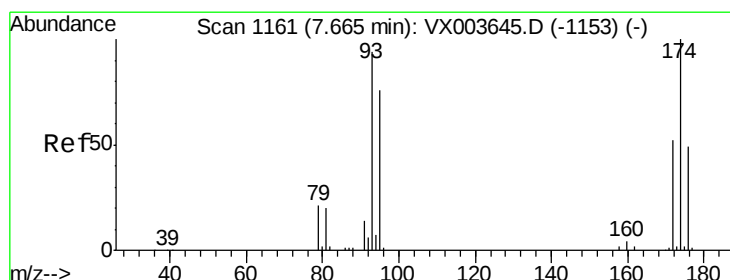
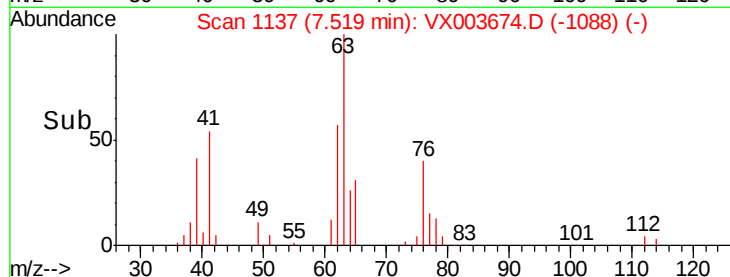
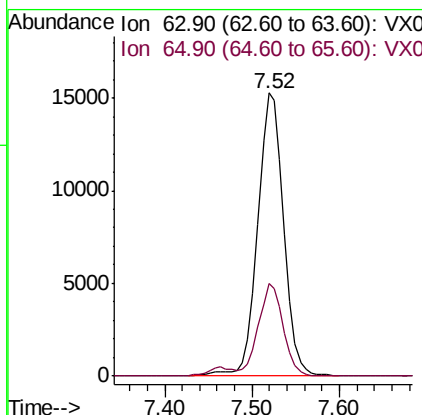
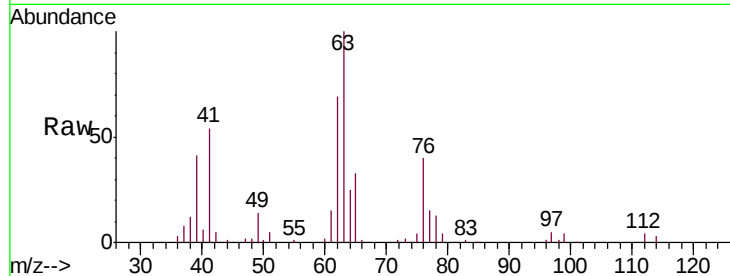




#45
 1,2-Dichloropropane
 Concen: 21.14 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

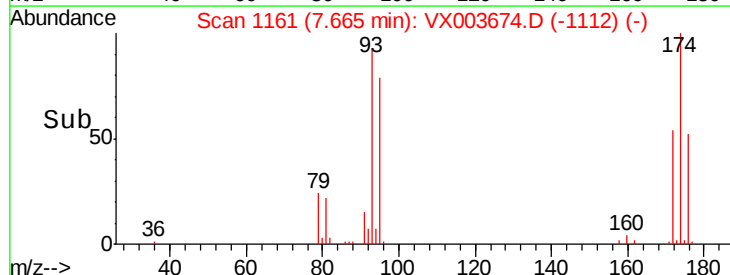
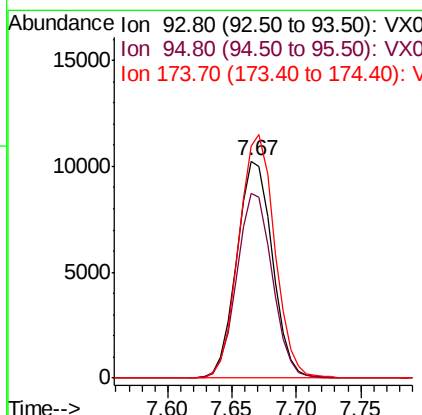
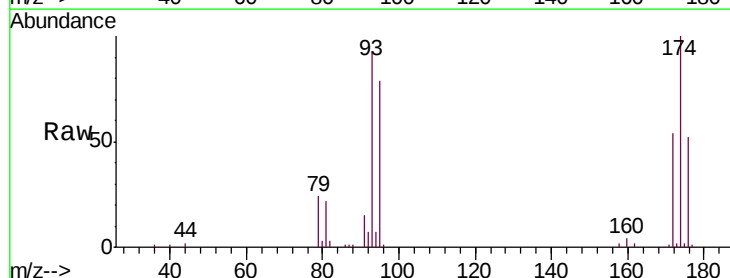
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

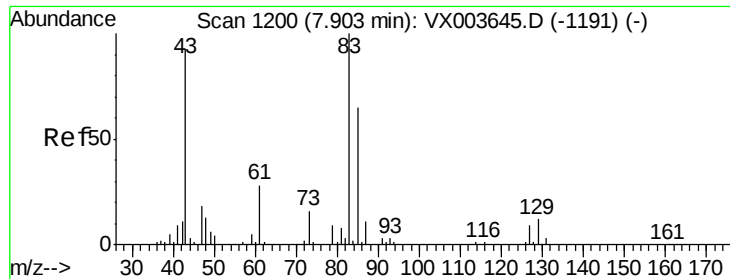
Tot Ion: 63 Resp: 31593
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.0 36.0



#46
 Dibromomethane
 Concen: 20.46 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Tgt Ion: 93 Resp: 19639
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.0 100.6
 174 112.8 89.6 134.4





#47

Bromodichloromethane

Concen: 20.47 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

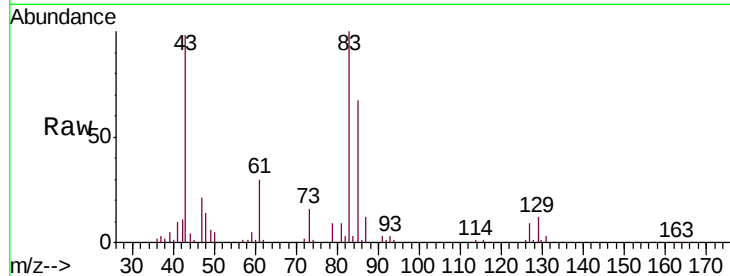
Tot Ion: 83 Resp: 36841

Ion Ratio Lower Upper

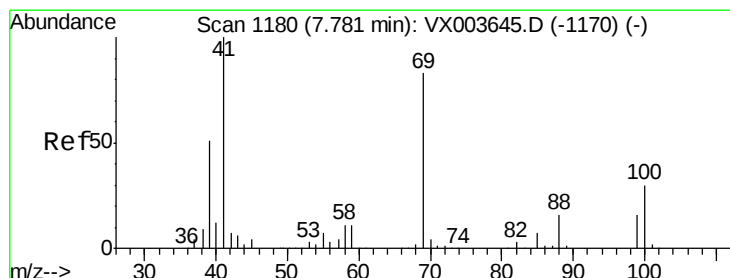
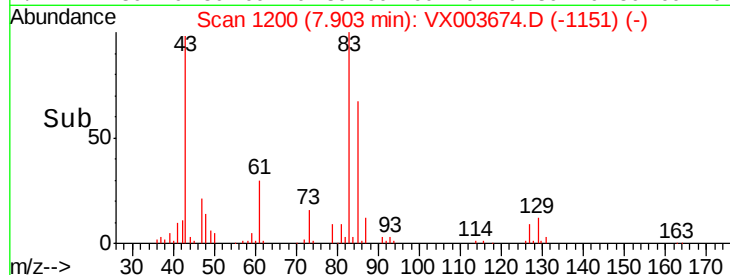
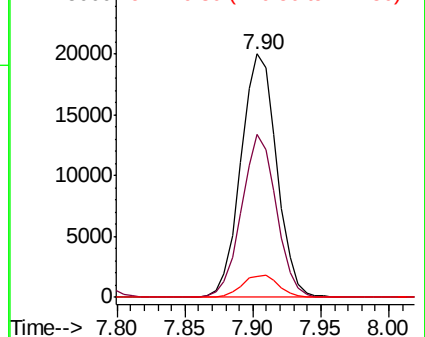
83 100

85 66.8 51.8 77.6

127 8.8 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: 20.87 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

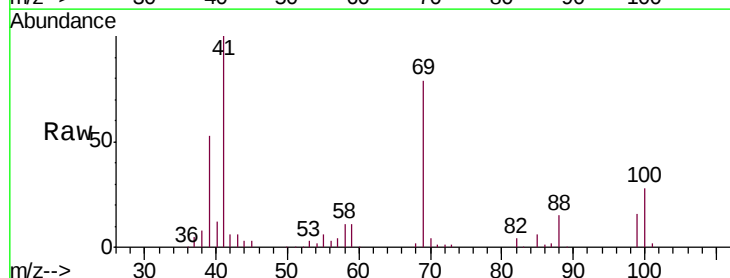
Tgt Ion: 41 Resp: 36294

Ion Ratio Lower Upper

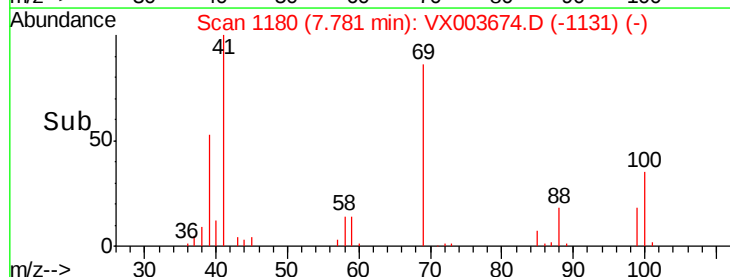
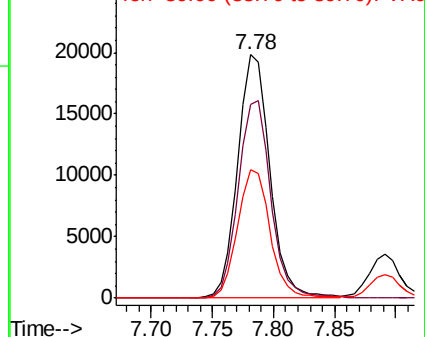
41 100

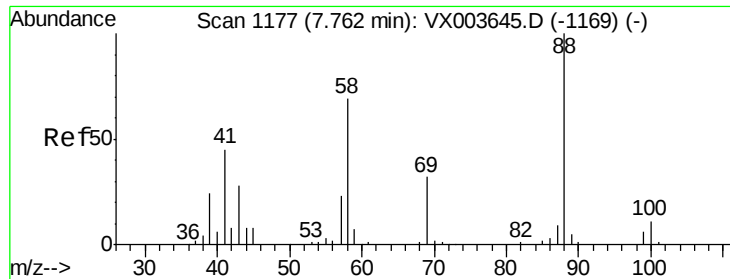
69 82.0 66.9 100.3

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

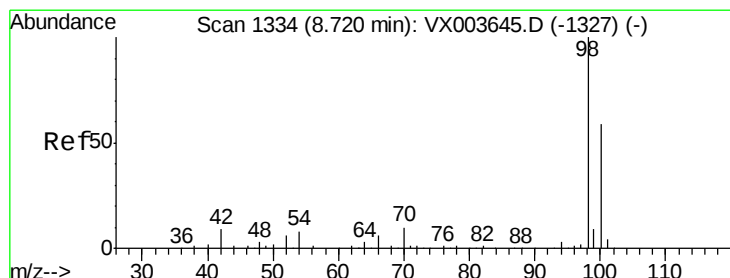
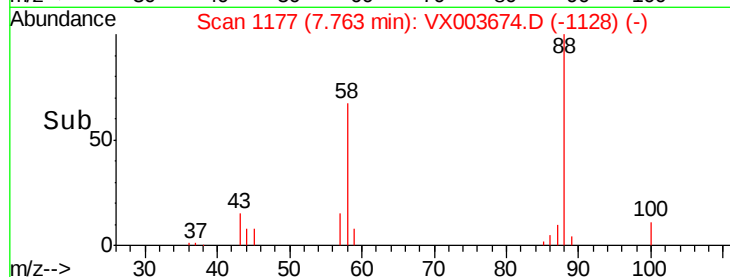
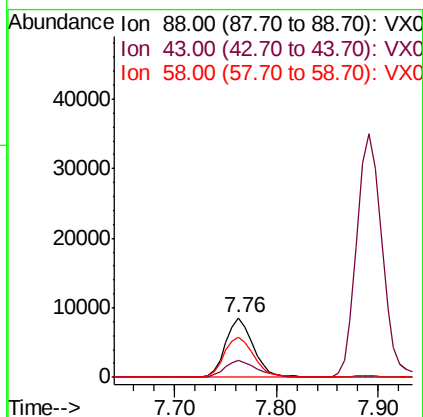
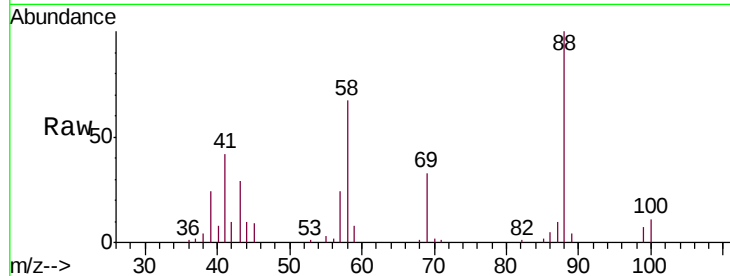




#49
1,4-Dioxane
Concen: 415.88 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

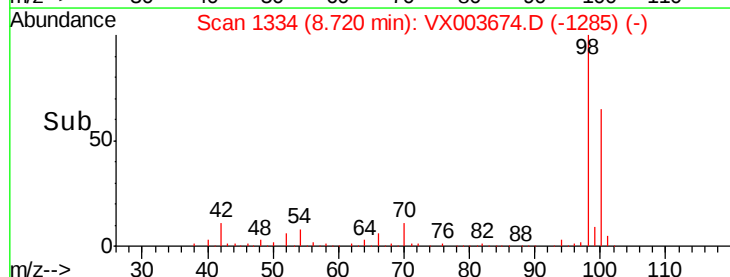
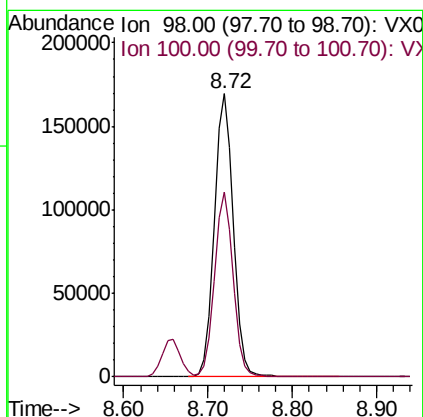
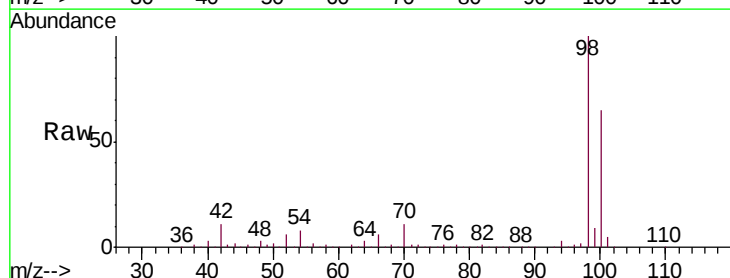
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

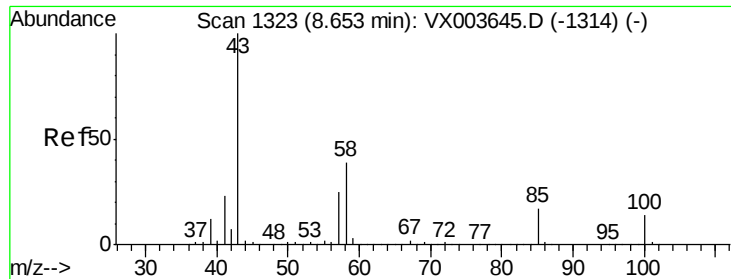
Tot Ion: 88 Resp: 16134
Ion Ratio Lower Upper
88 100
43 33.8 25.8 38.6
58 72.4 58.3 87.5



#50
Toluene-d8
Concen: 50.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 98 Resp: 264420
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 106.07 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

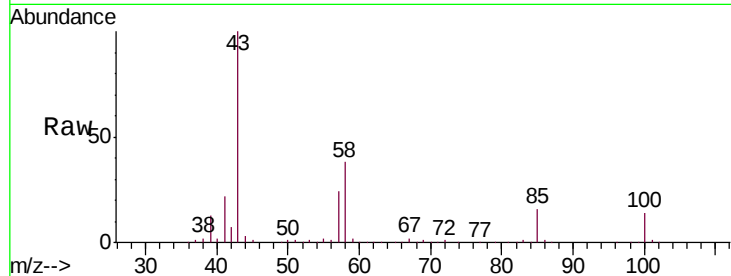
VX0726WBSD01

Tot Ion: 43 Resp: 245255

Ion Ratio Lower Upper

43 100

58 38.1 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

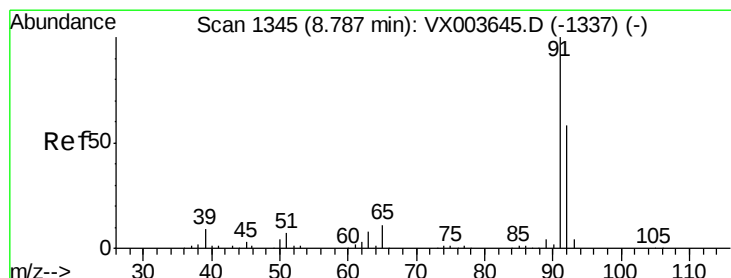
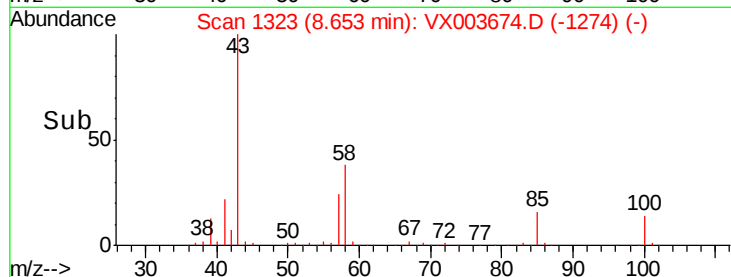
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.54 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003674.D

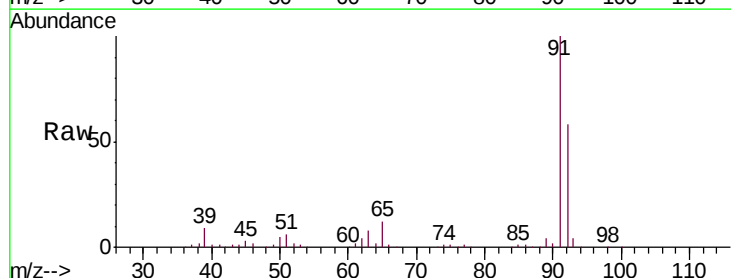
Acq: 26 Jul 2018 17:04

Tgt Ion: 92 Resp: 73817

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

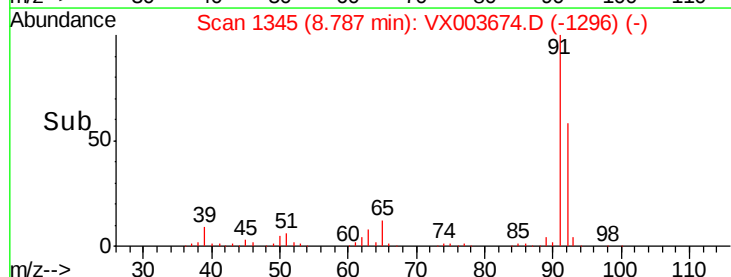
60000

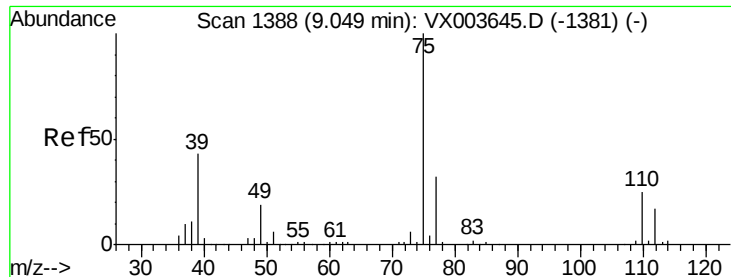
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.58 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

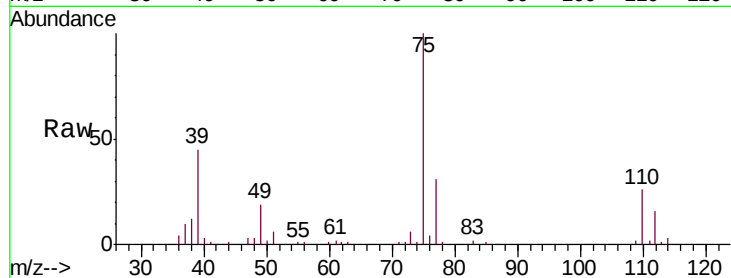
VX0726WBSD01

Tot Ion: 75 Resp: 41002

Ion Ratio Lower Upper

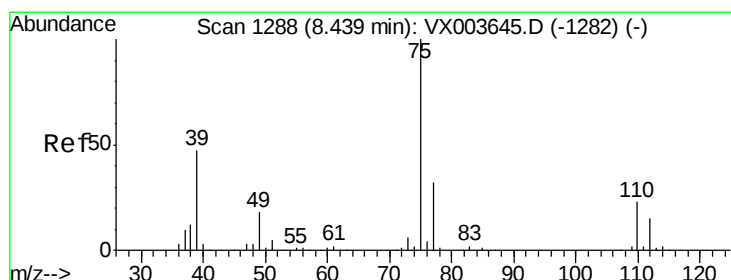
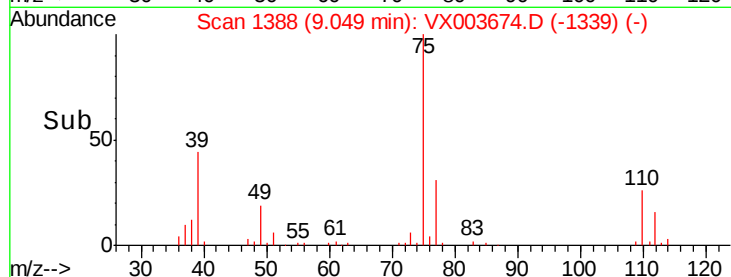
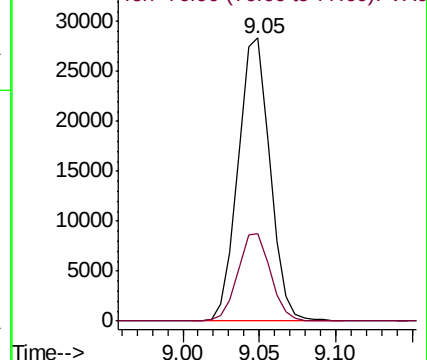
75 100

77 30.8 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: 20.82 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

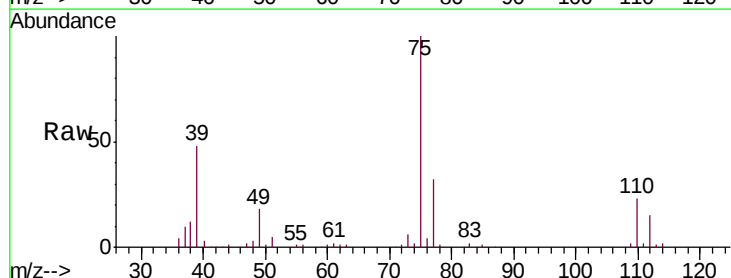
Tgt Ion: 75 Resp: 45648

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

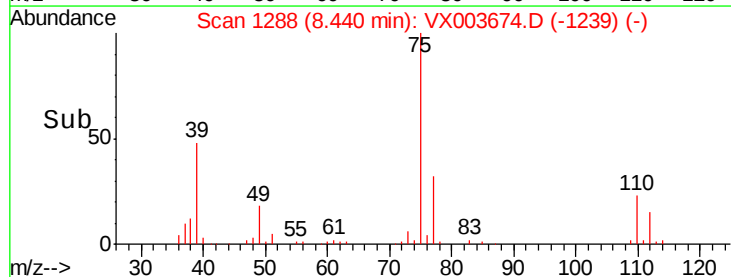
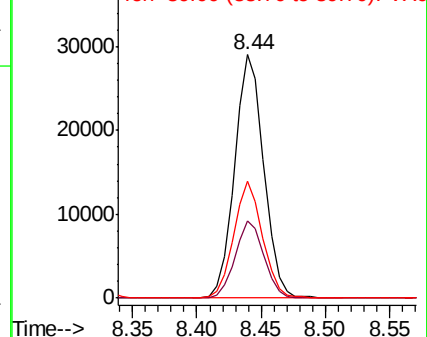
39 48.3 38.0 57.0

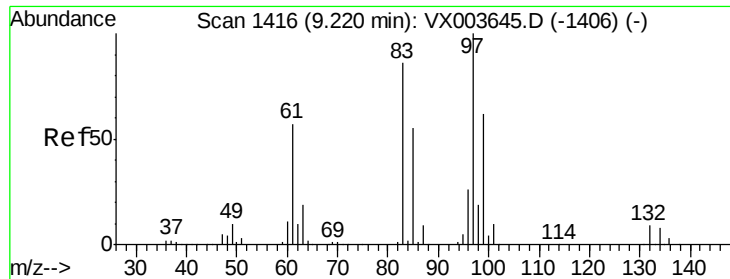


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

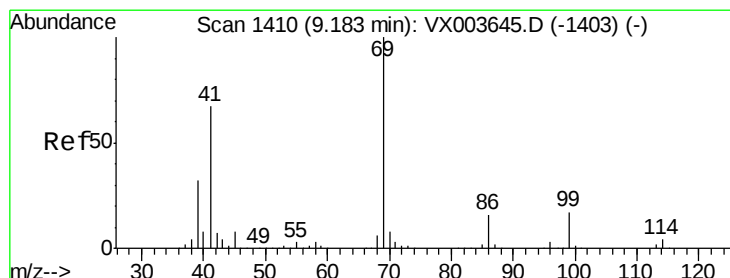
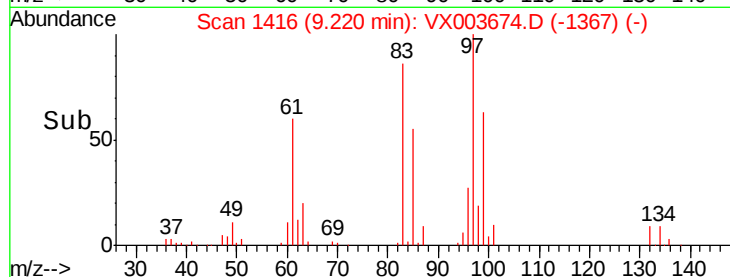
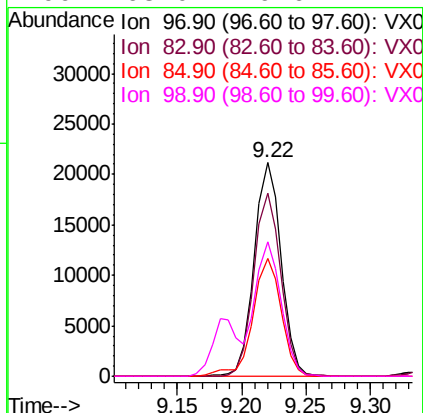
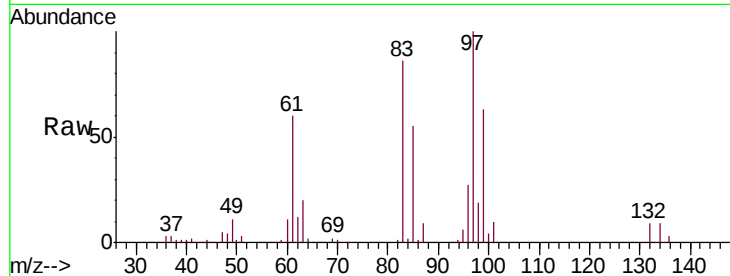




#55
 1,1,2-Trichloroethane
 Concen: 20.75 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

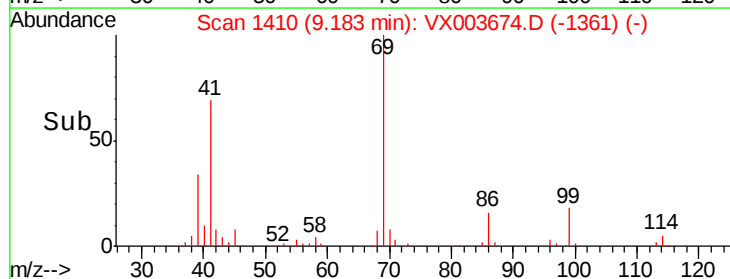
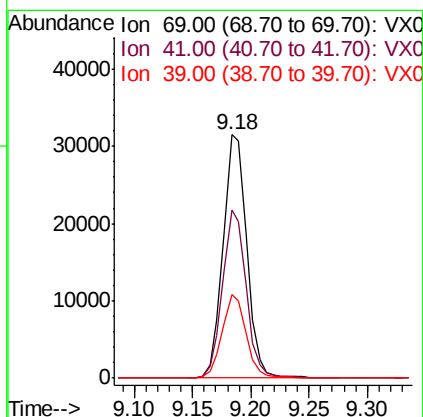
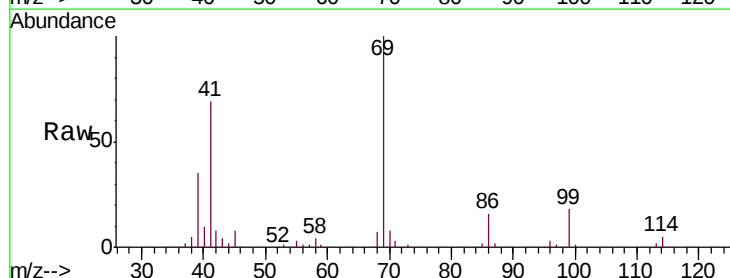
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

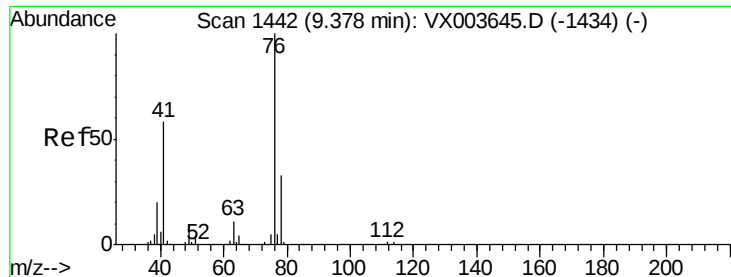
Tot Ion: 97 Resp: 30476
 Ion Ratio Lower Upper
 97 100
 83 85.9 68.7 103.1
 85 55.4 43.7 65.5
 99 63.0 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 20.35 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003674.D
 Acq: 26 Jul 2018 17:04

Tgt Ion: 69 Resp: 44479
 Ion Ratio Lower Upper
 69 100
 41 68.8 53.8 80.6
 39 35.1 25.8 38.8





#57

1,3-Dichloropropane

Concen: 20.85 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

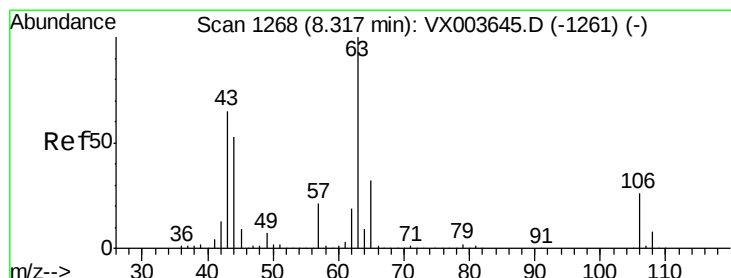
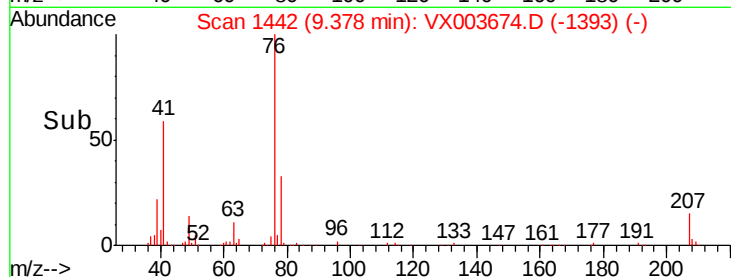
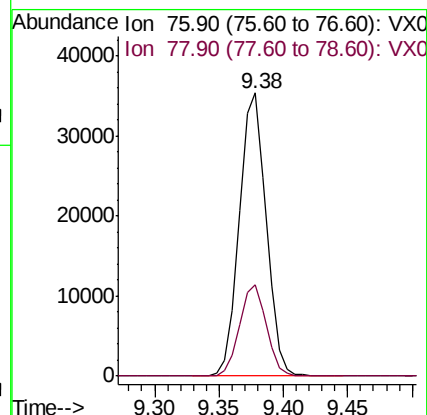
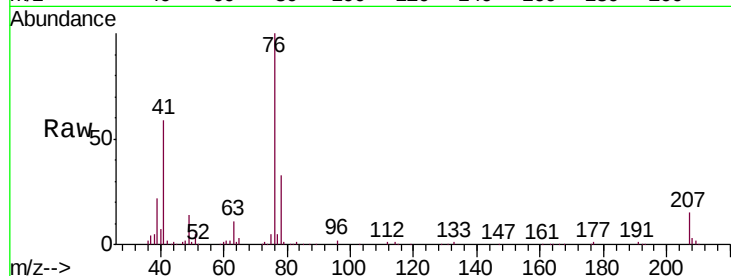
VX0726WBSD01

Tot Ion: 76 Resp: 51411

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.25 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003674.D

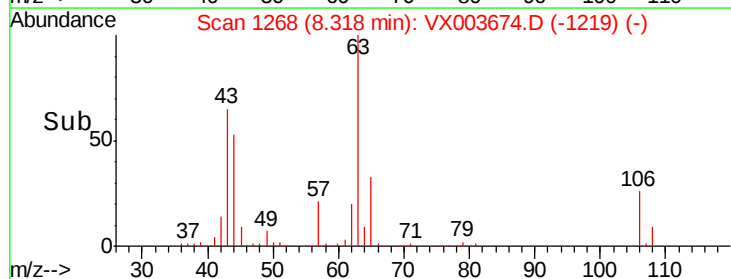
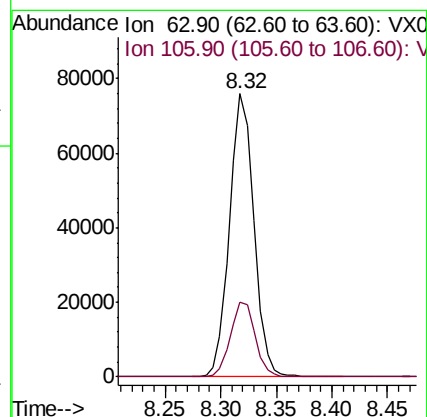
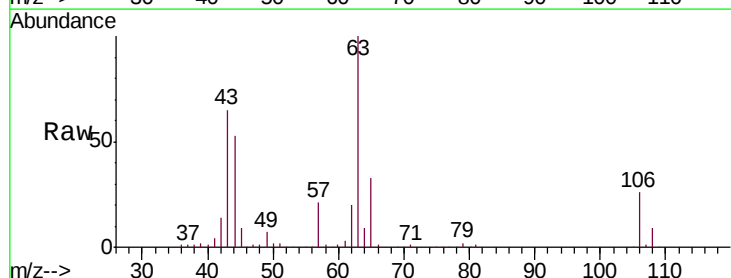
Acq: 26 Jul 2018 17:04

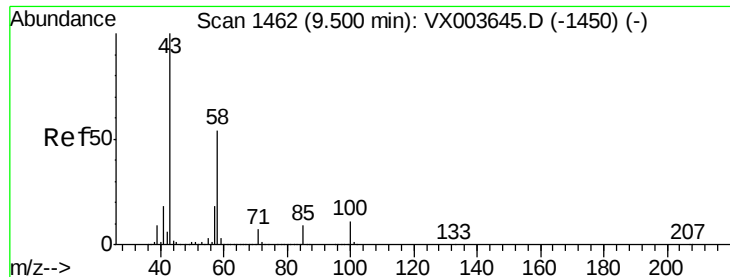
Tgt Ion: 63 Resp: 115608

Ion Ratio Lower Upper

63 100

106 26.8 21.5 32.3

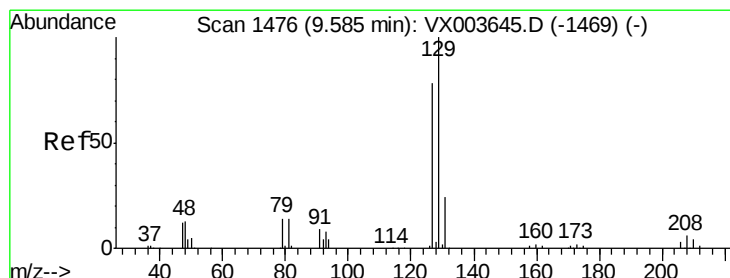
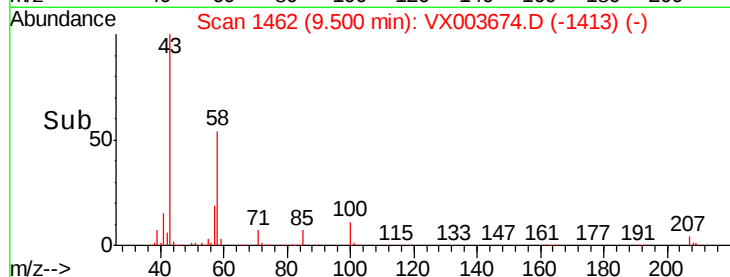
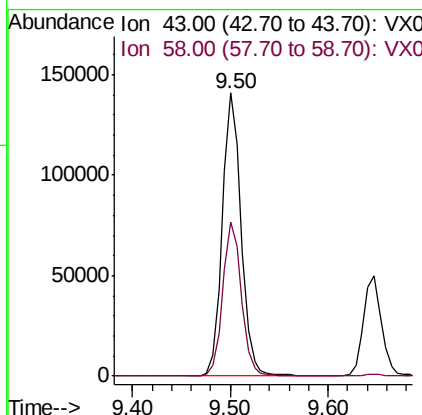
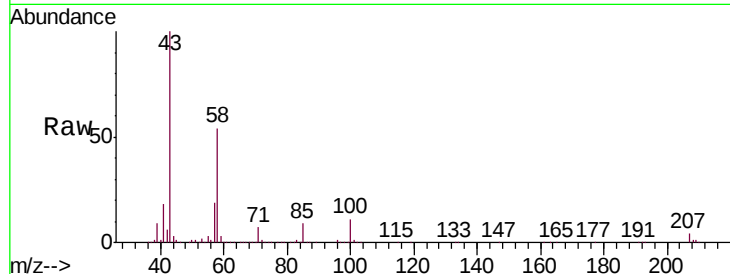




#59
2-Hexanone
Concen: 106.29 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

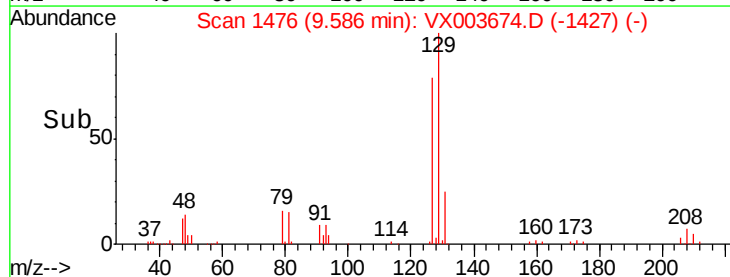
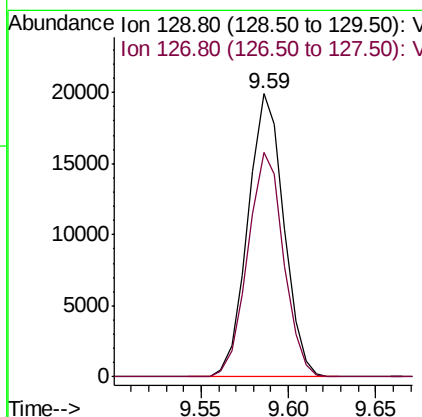
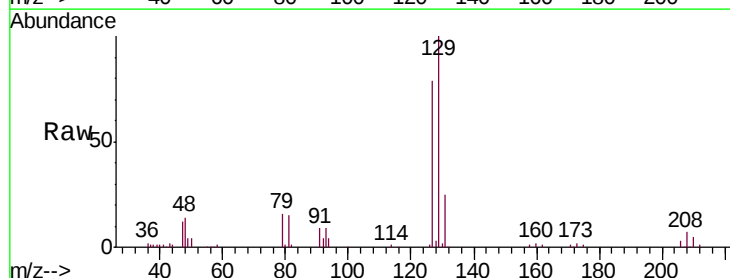
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

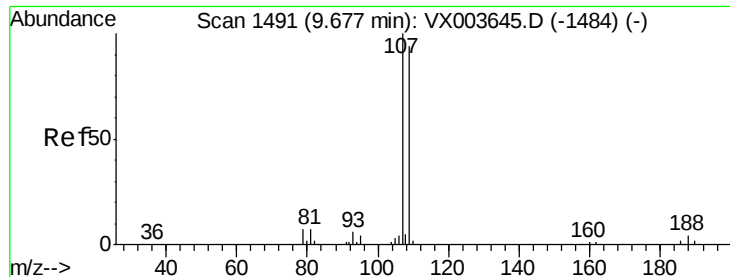
Tot Ion: 43 Resp: 188516
Ion Ratio Lower Upper
43 100
58 54.0 27.3 81.9



#60
Dibromochloromethane
Concen: 20.40 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion: 129 Resp: 28424
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

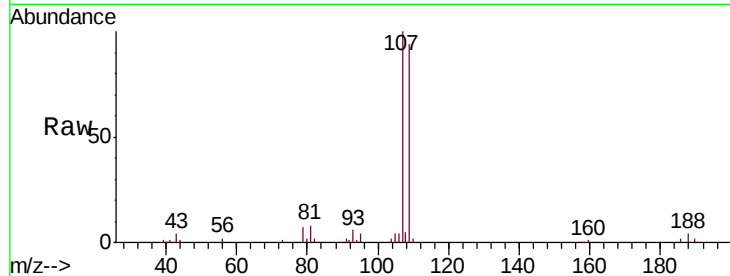
VX0726WBSD01

Tot Ion:107 Resp: 31694

Ion Ratio Lower Upper

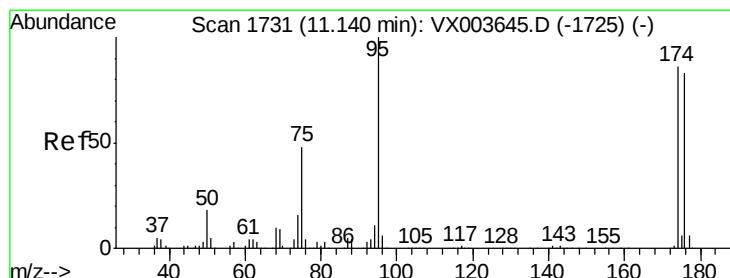
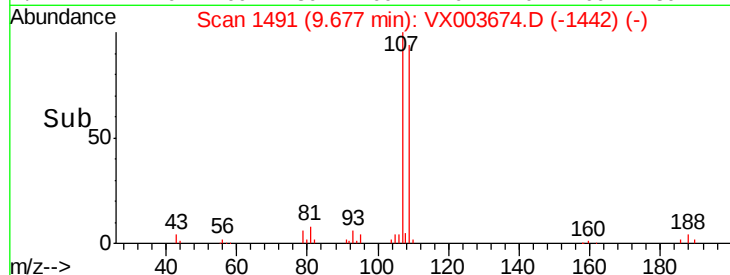
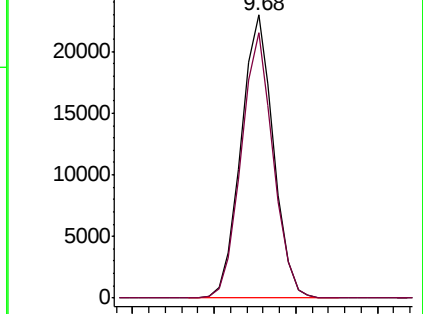
107 100

109 92.5 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: 50.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

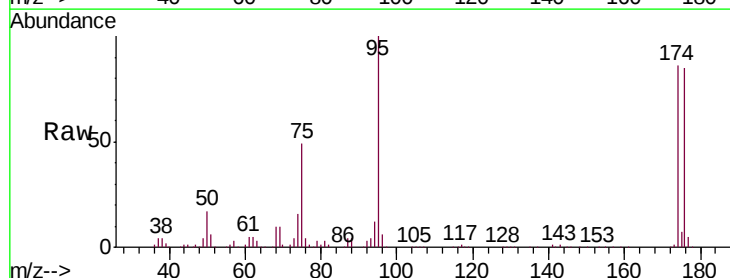
Tgt Ion: 95 Resp: 95695

Ion Ratio Lower Upper

95 100

174 88.5 0.0 179.0

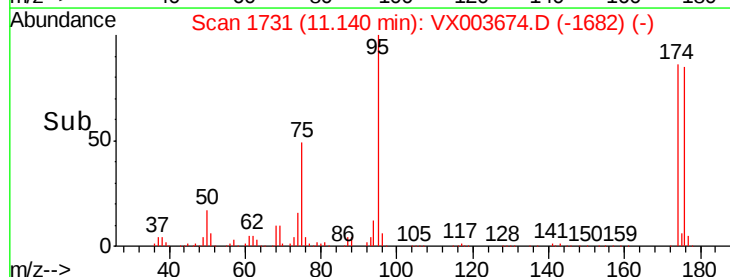
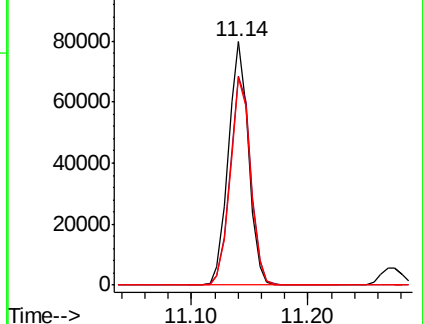
176 85.8 0.0 173.0

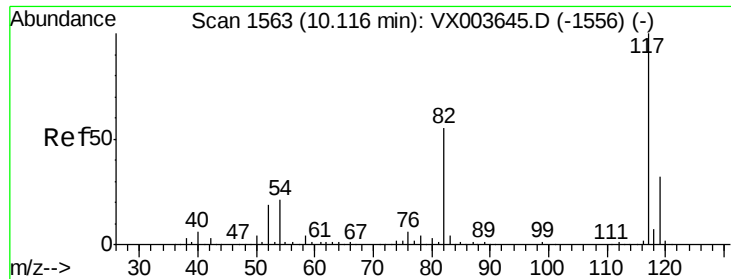


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

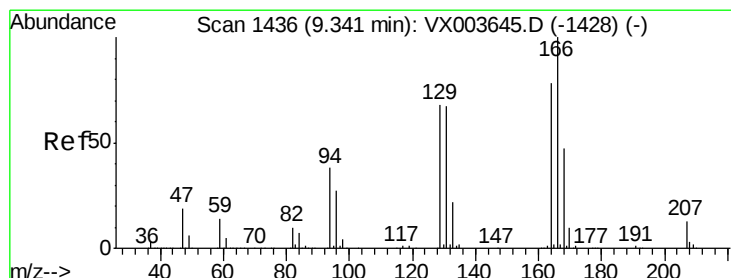
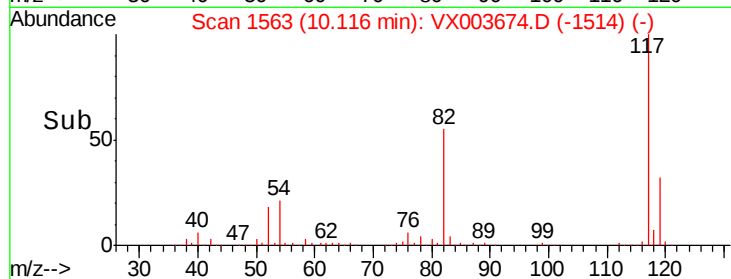
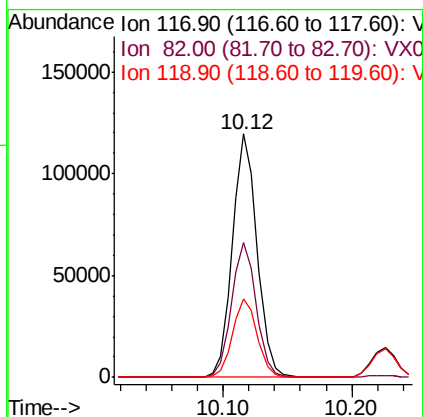
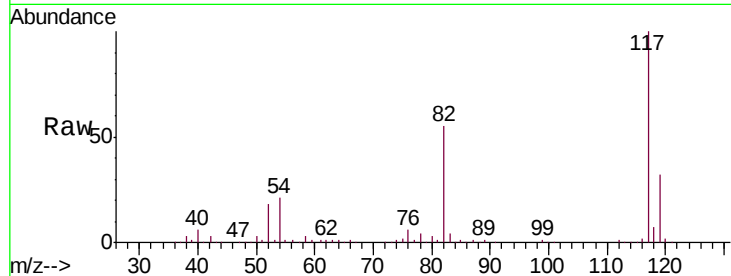




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

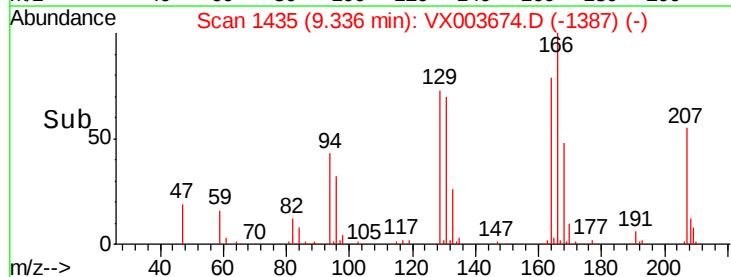
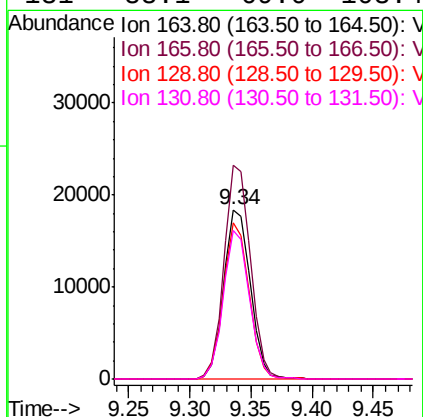
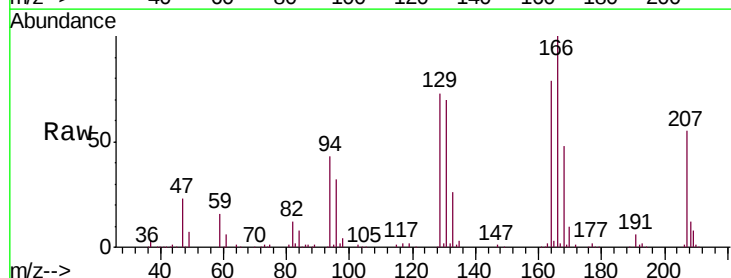
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

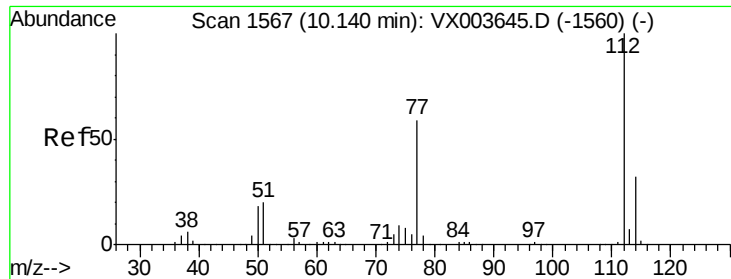
Tot Ion:117 Resp: 159253
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 19.03 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion:164 Resp: 27702
Ion Ratio Lower Upper
164 100
166 126.4 102.4 153.6
129 92.5 69.6 104.4
131 88.1 69.0 103.4





#65

Chlorobenzene

Concen: 20.38 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

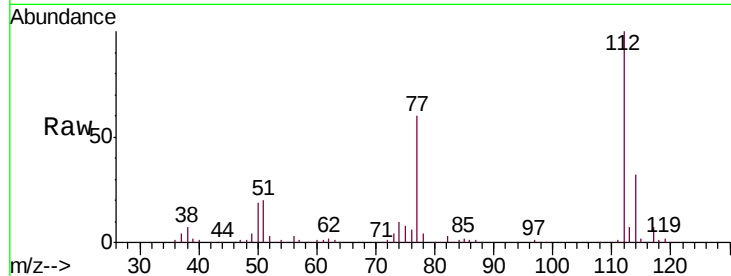
VX0726WBSD01

Tot Ion:112 Resp: 81681

Ion Ratio Lower Upper

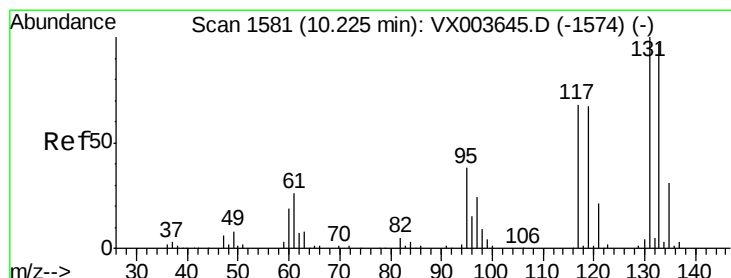
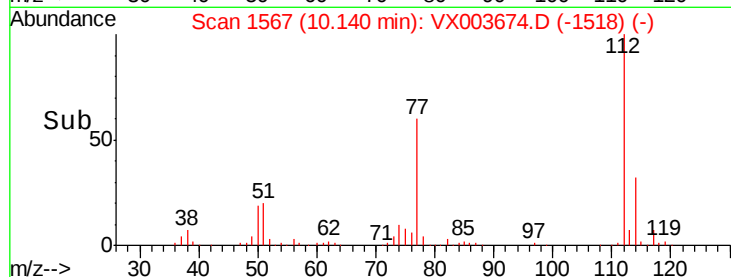
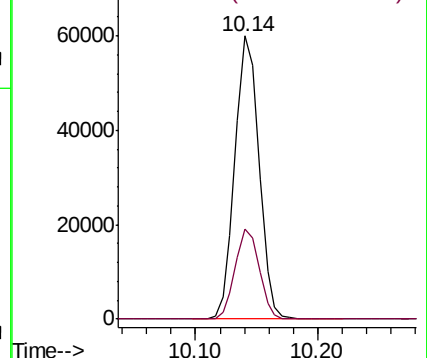
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.65 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

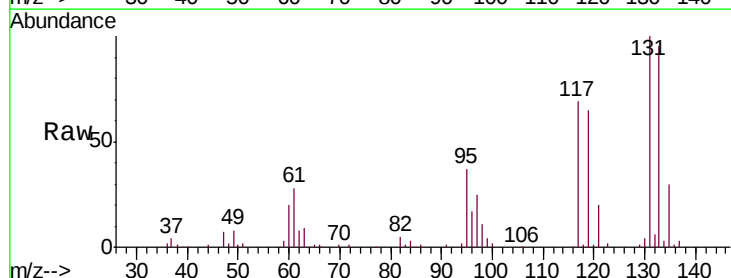
Tgt Ion:131 Resp: 28770

Ion Ratio Lower Upper

131 100

133 94.3 47.6 142.8

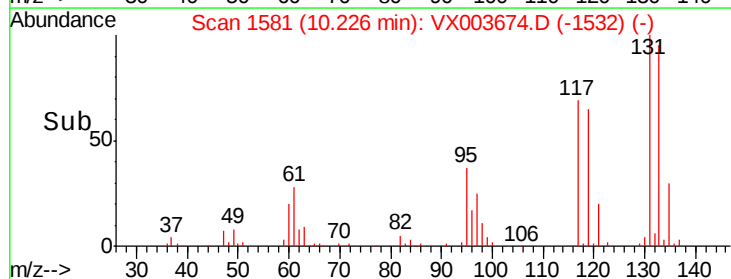
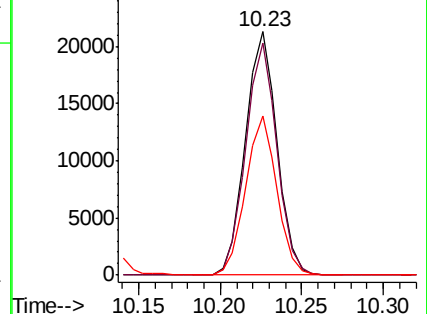
119 64.6 32.8 98.4

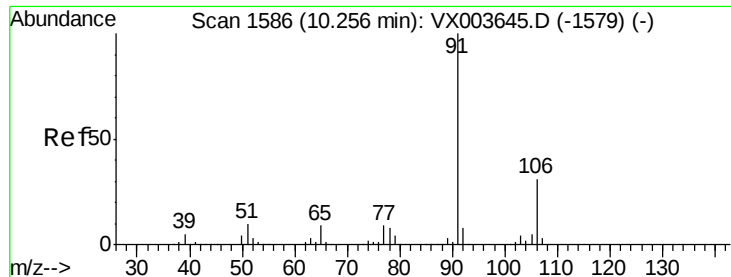


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.36 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

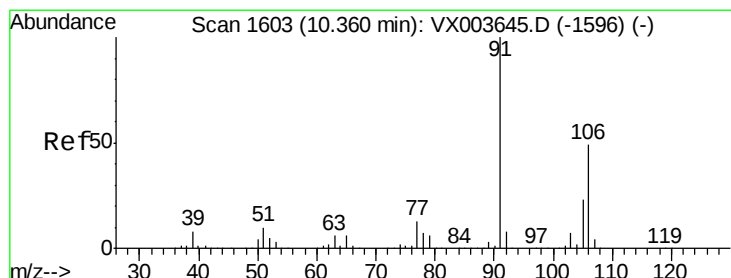
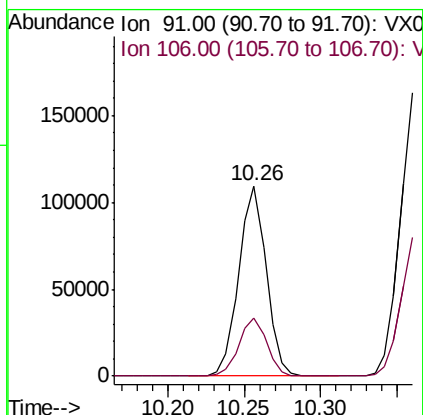
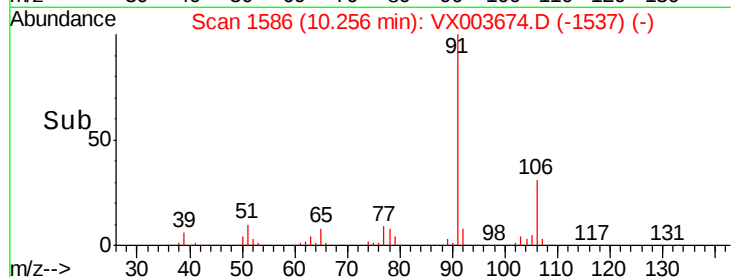
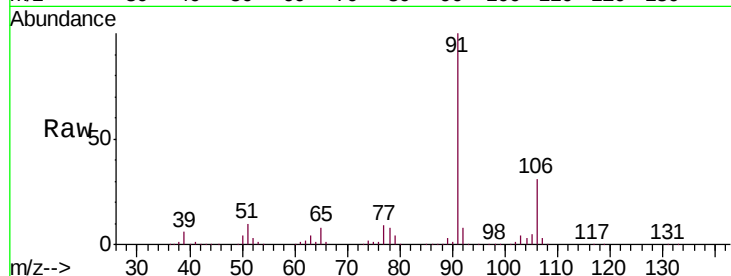
VX0726WBSD01

Tot Ion: 91 Resp: 136585

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6



#68

m/p-Xylenes

Concen: 41.11 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003674.D

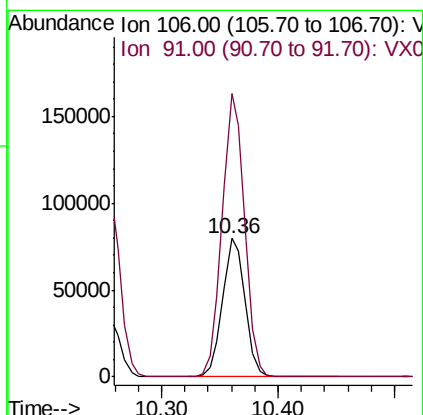
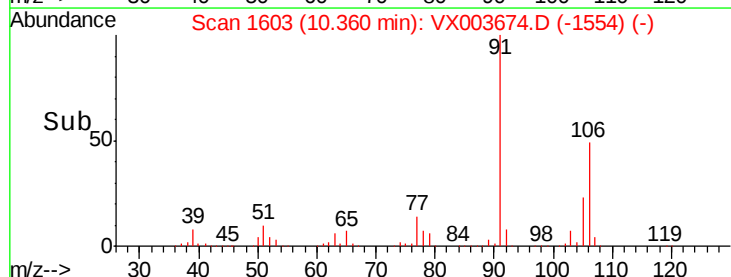
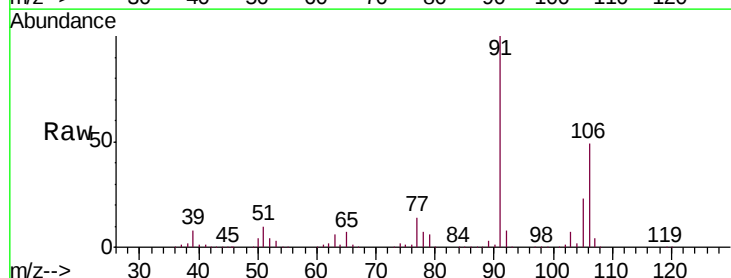
Acq: 26 Jul 2018 17:04

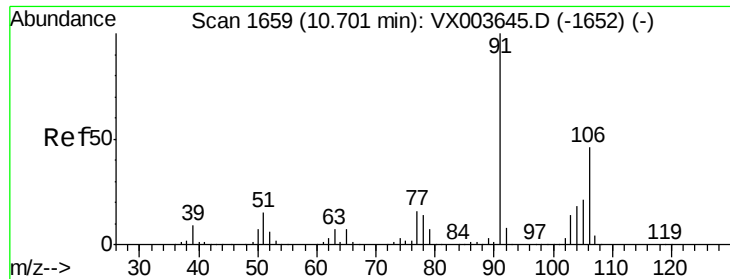
Tgt Ion:106 Resp: 105816

Ion Ratio Lower Upper

106 100

91 205.7 162.2 243.2

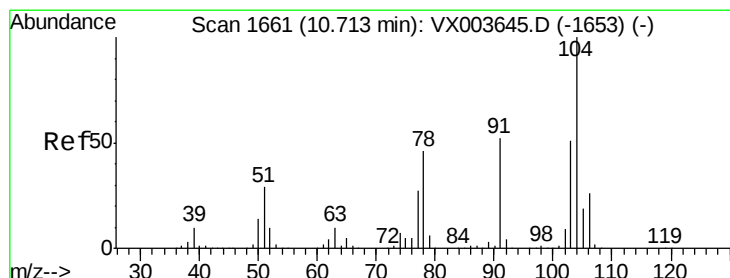
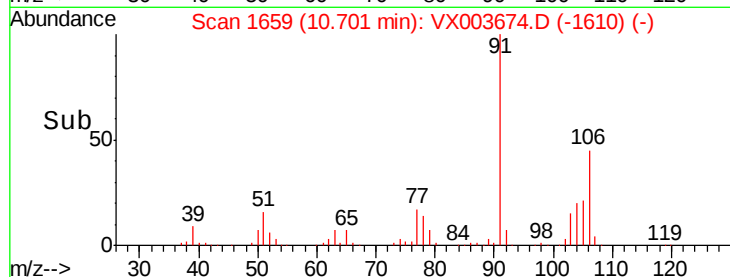
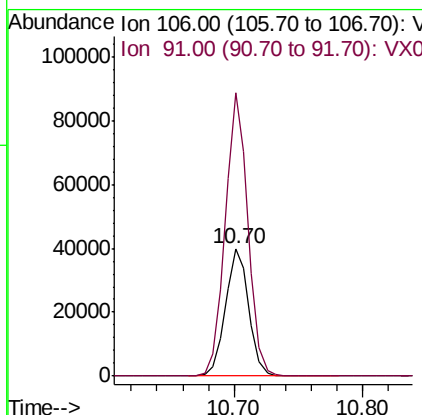
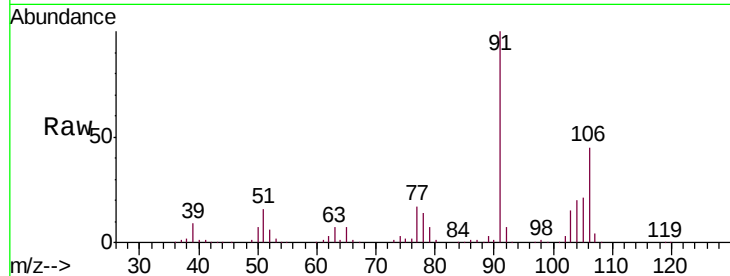




#69
o-Xylene
Concen: 20.49 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

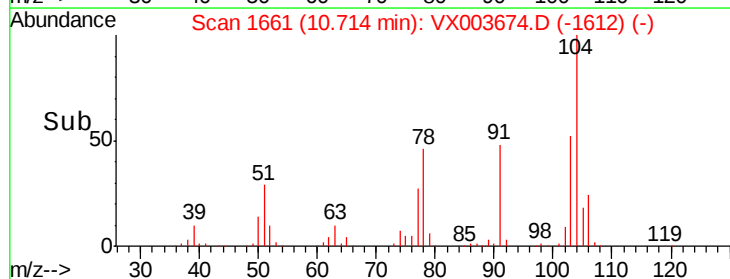
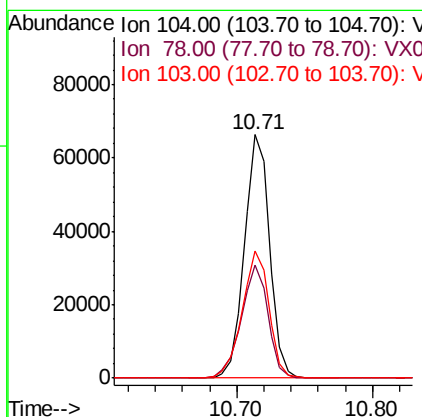
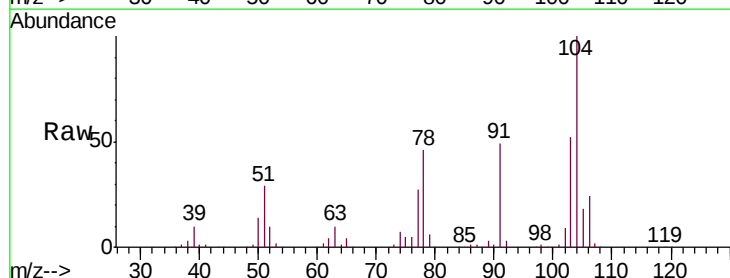
Instrument :
MSVOA_X
ClientSampled :
VX0726WBSD01

Tot Ion:106 Resp: 50775
Ion Ratio Lower Upper
106 100
91 216.6 107.1 321.1



#70
Styrene
Concen: 20.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion:104 Resp: 85769
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 56.0 44.2 66.4





#71

Bromoform

Concen: 19.74 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

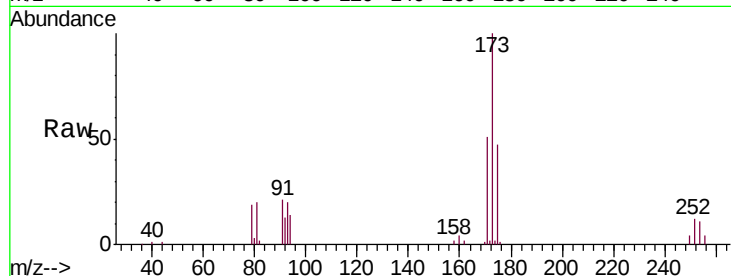
Tot Ion:173 Resp: 21748

Ion Ratio Lower Upper

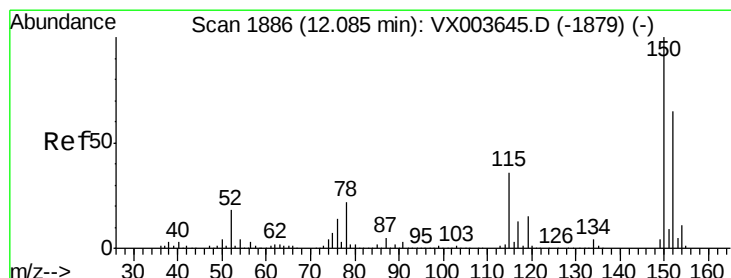
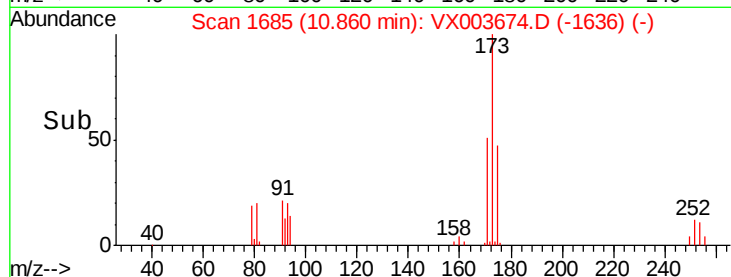
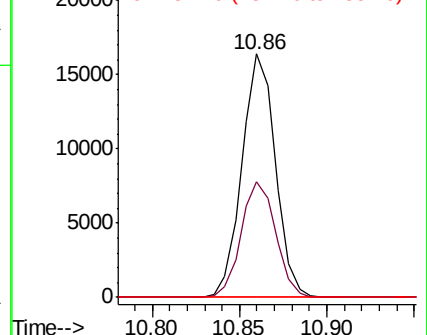
173 100

175 49.0 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: VX003674.D

Acq: 26 Jul 2018 17:04

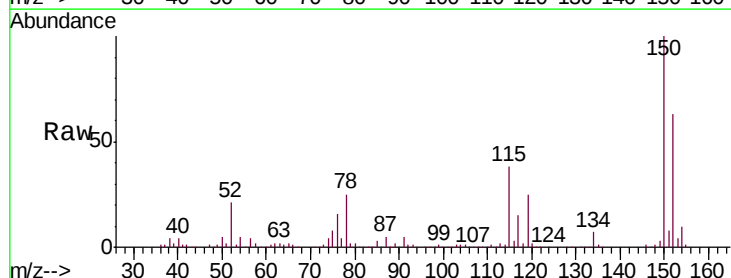
Tgt Ion:152 Resp: 95740

Ion Ratio Lower Upper

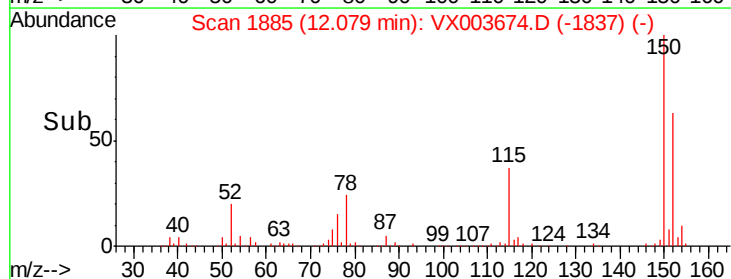
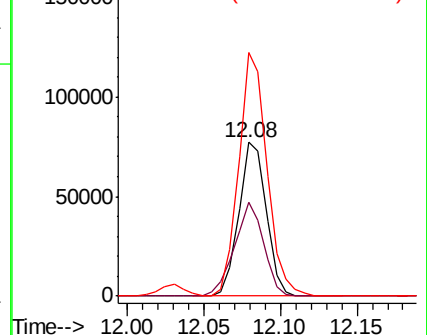
152 100

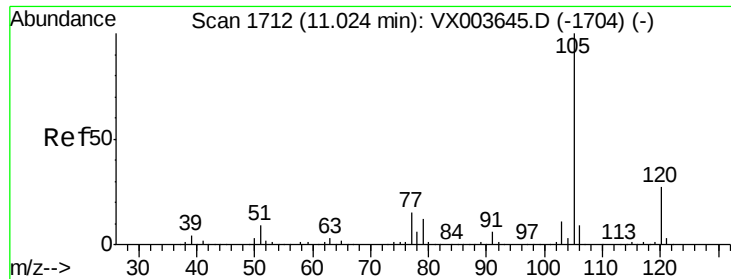
115 64.9 40.0 119.9

150 163.6 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: 21.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

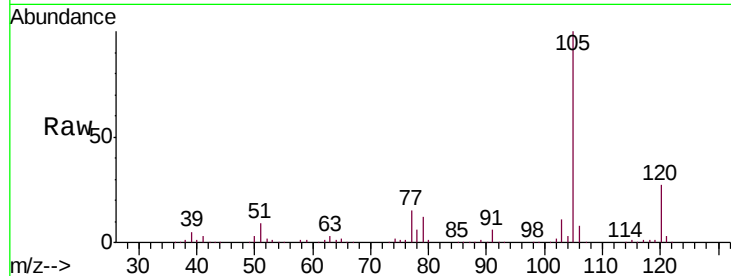
VX0726WBSD01

Tot Ion:105 Resp: 138009

Ion Ratio Lower Upper

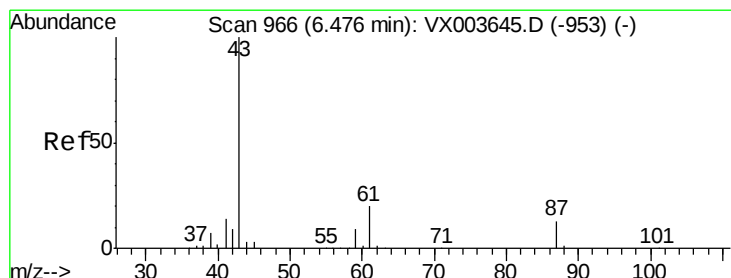
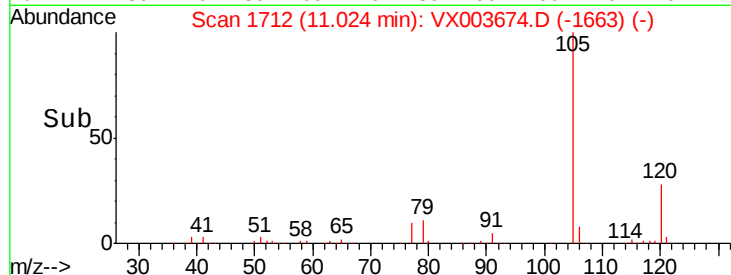
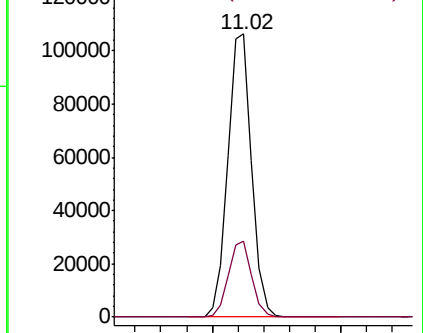
105 100

120 26.3 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: 21.20 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Tgt Ion: 43 Resp: 72312

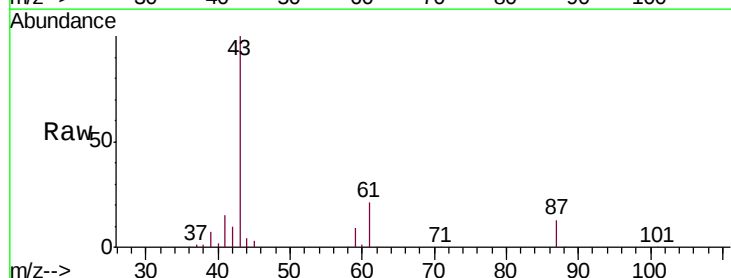
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.6 15.9 23.9

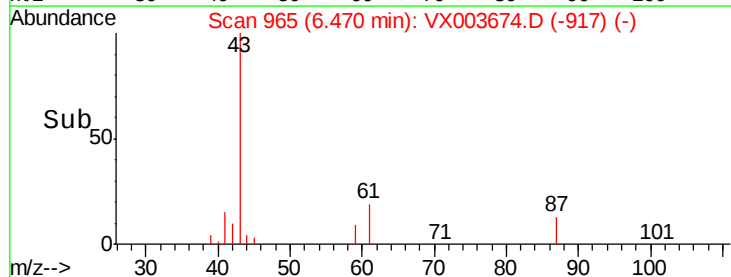
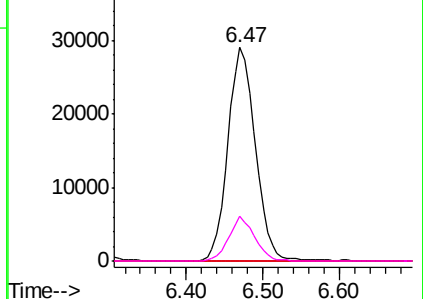


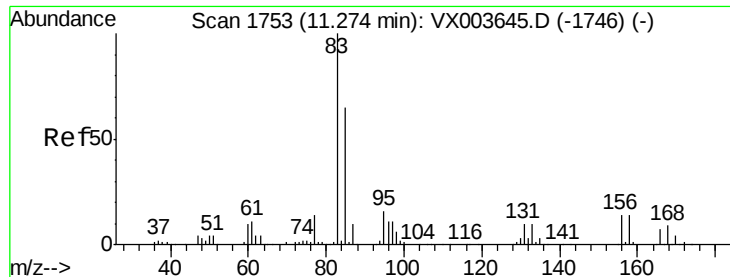
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.51 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

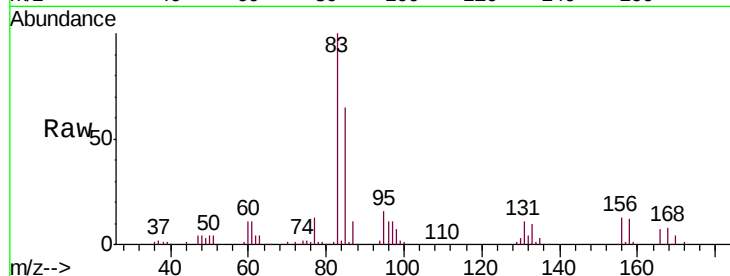
Tot Ion: 83 Resp: 49538

Ion Ratio Lower Upper

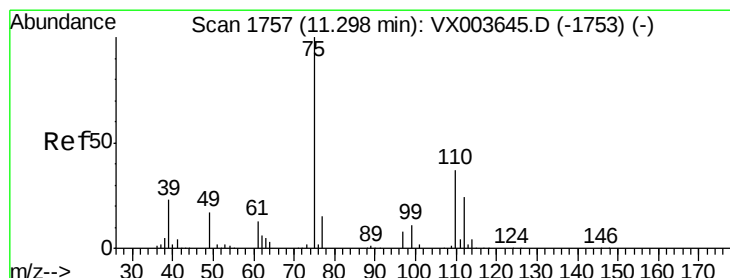
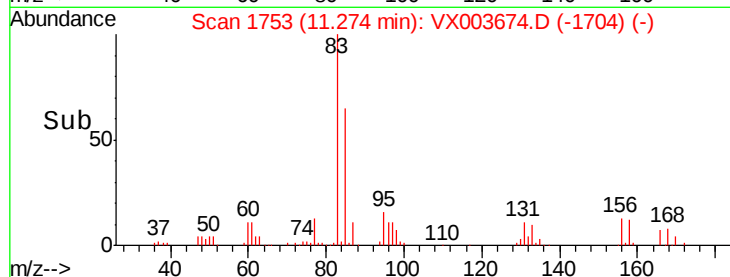
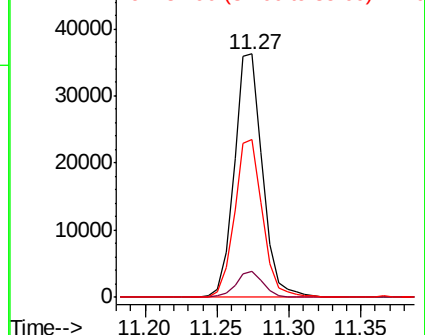
83 100

131 10.1 5.1 15.4

85 64.4 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: 27.27 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003674.D

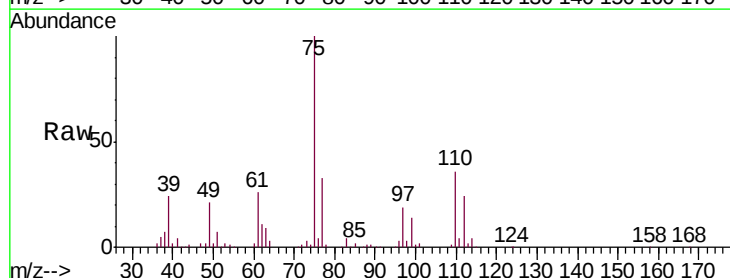
Acq: 26 Jul 2018 17:04

Tgt Ion: 75 Resp: 54753

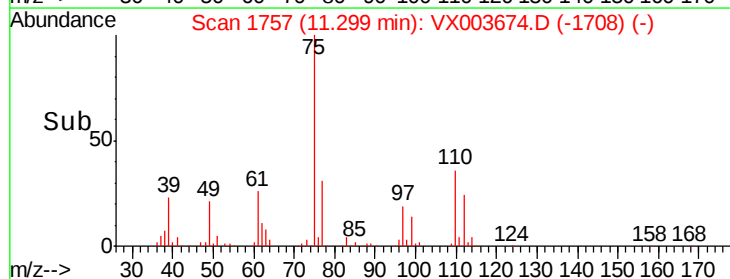
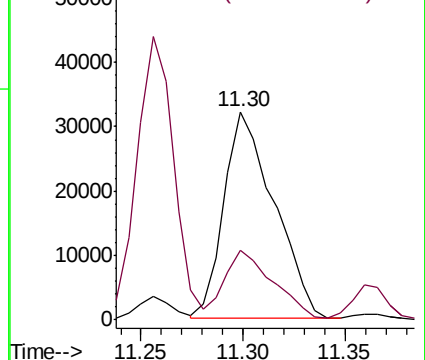
Ion Ratio Lower Upper

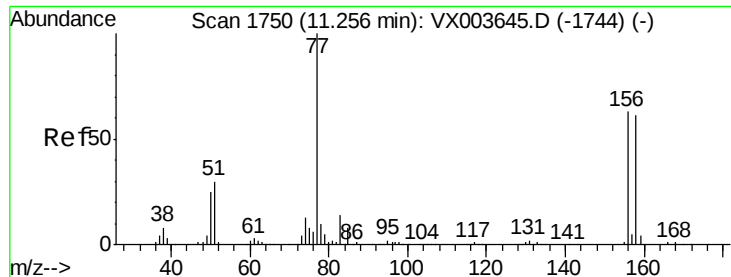
75 100

77 33.1 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: 20.53 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

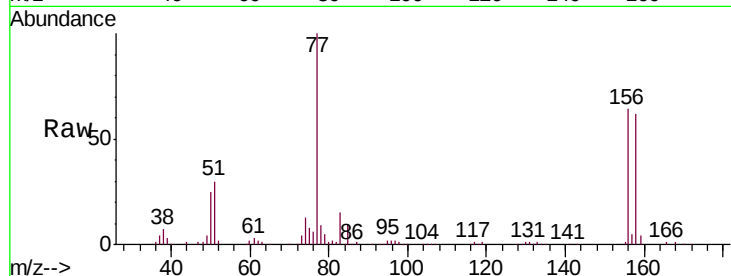
Tot Ion:156 Resp: 36467

Ion Ratio Lower Upper

156 100

77 151.7 74.9 224.6

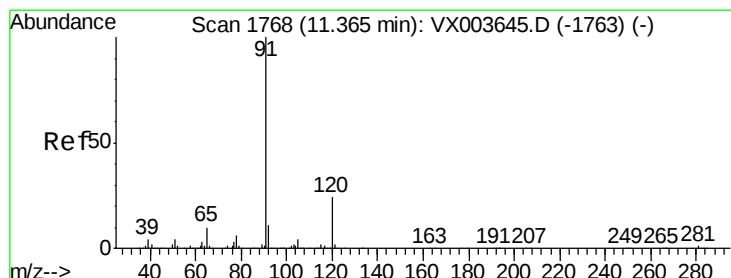
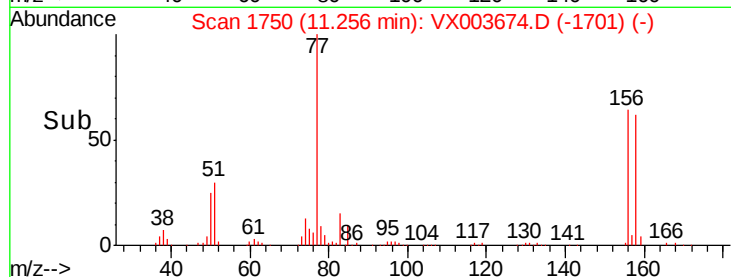
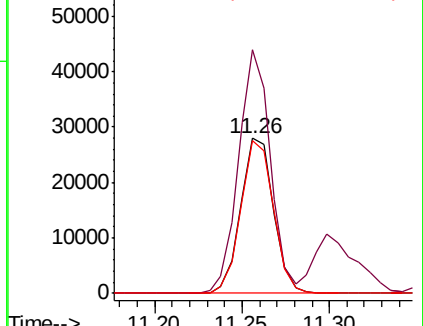
158 98.0 48.4 145.2



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: 21.38 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003674.D

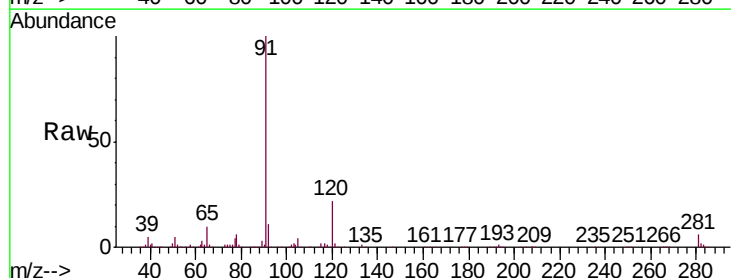
Acq: 26 Jul 2018 17:04

Tgt Ion: 91 Resp: 161505

Ion Ratio Lower Upper

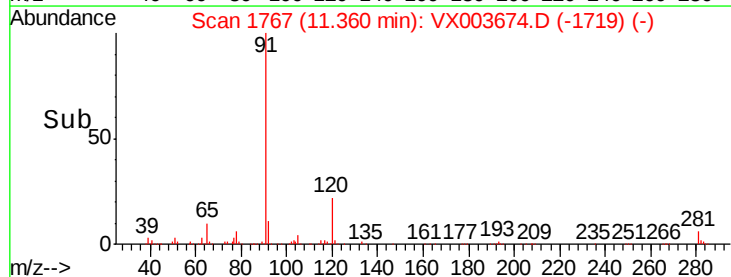
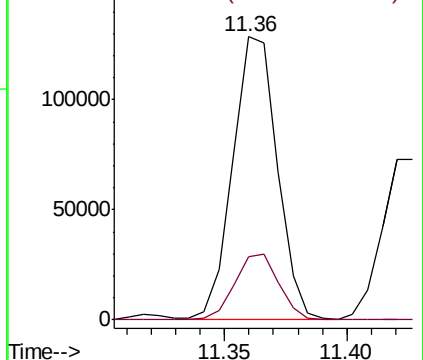
91 100

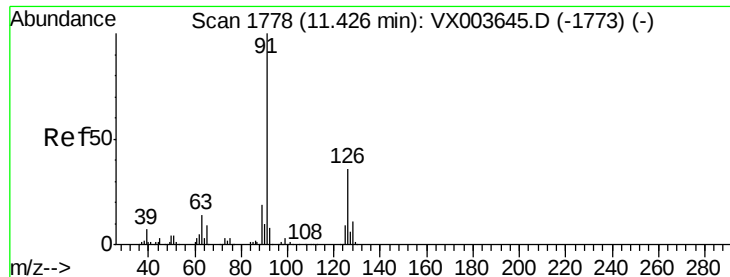
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

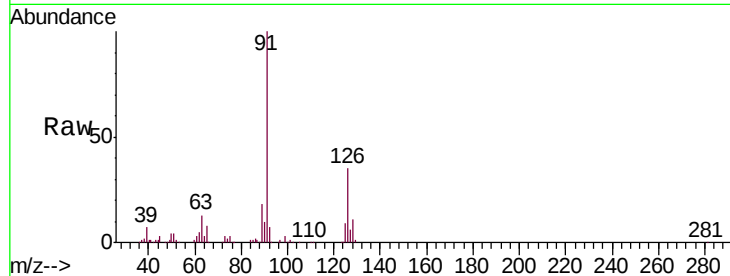
VX0726WBSD01

Tot Ion: 91 Resp: 96287

Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003645.D (-1773) (-)

150000

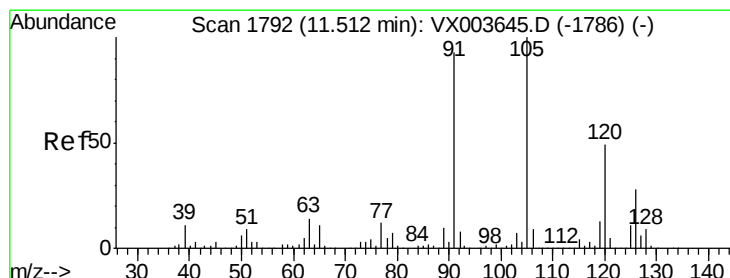
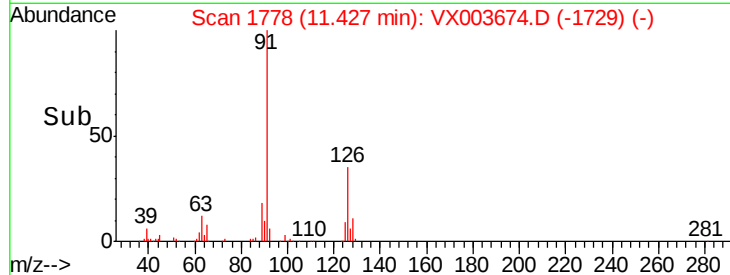
100000

50000

0

11.40 11.43 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003674.D

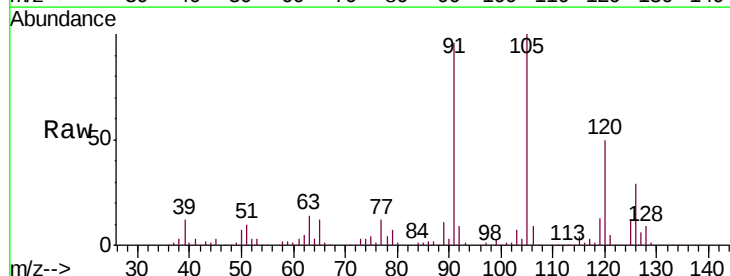
Acq: 26 Jul 2018 17:04

Tgt Ion: 105 Resp: 115944

Ion Ratio Lower Upper

105 100

120 48.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003645.D (-1786) (-)

100000

80000

60000

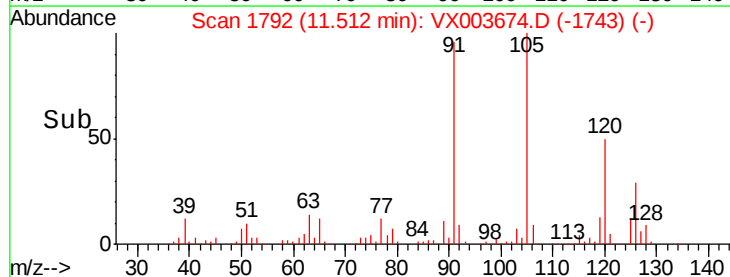
40000

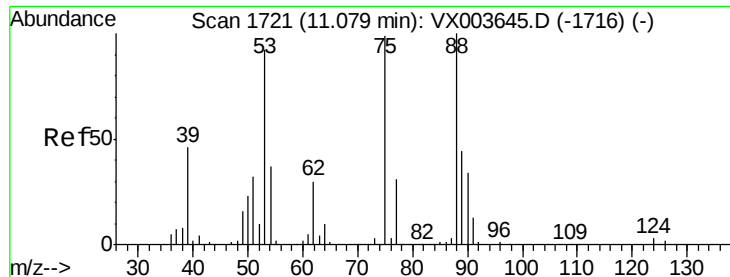
20000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

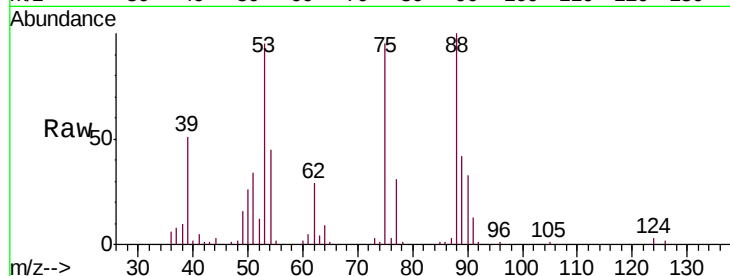
Tot Ion: 75 Resp: 13431

Ion Ratio Lower Upper

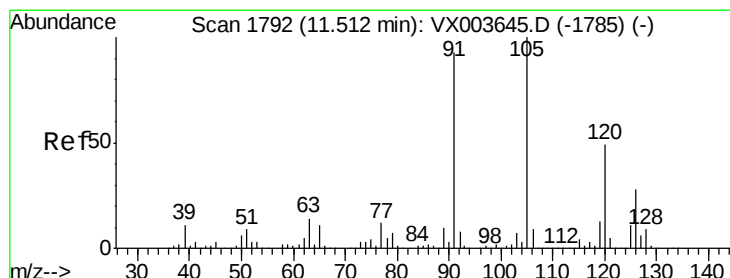
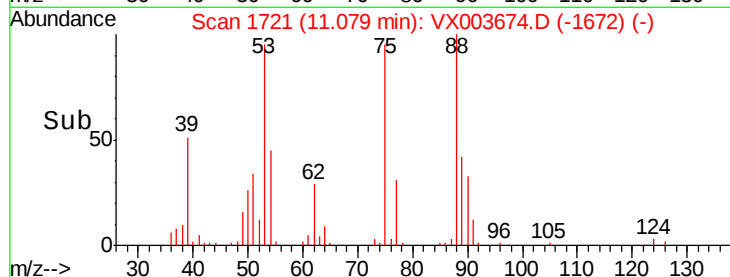
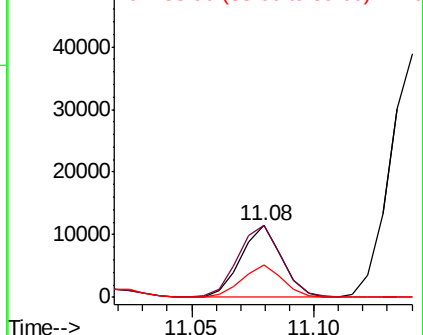
75 100

53 105.8 77.8 116.8

89 44.8 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.70 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003674.D

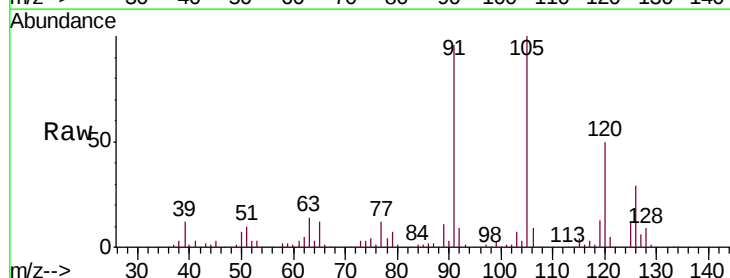
Acq: 26 Jul 2018 17:04

Tgt Ion: 91 Resp: 111933

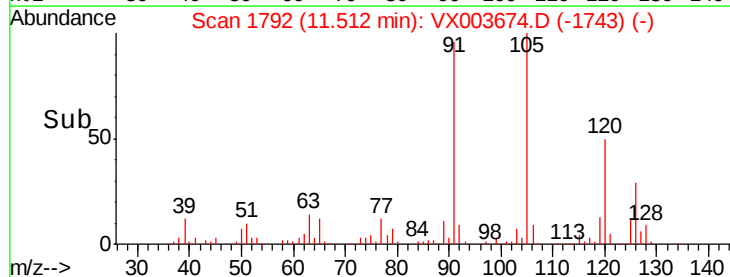
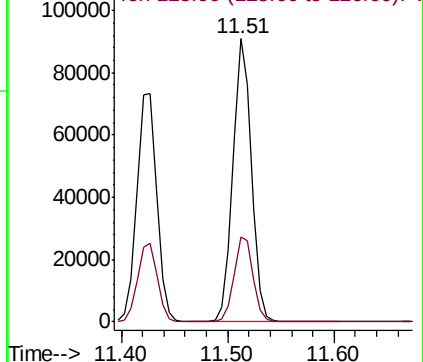
Ion Ratio Lower Upper

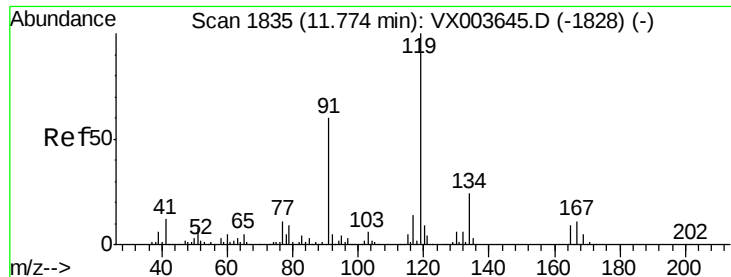
91 100

126 30.7 15.4 46.1



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

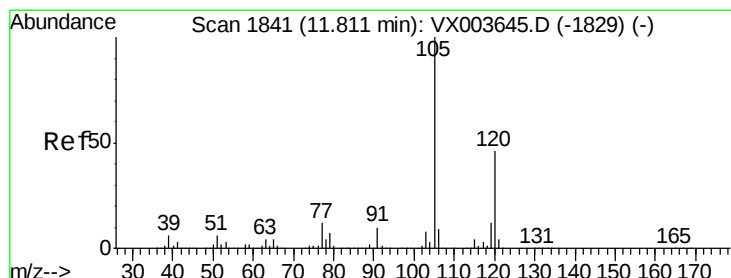
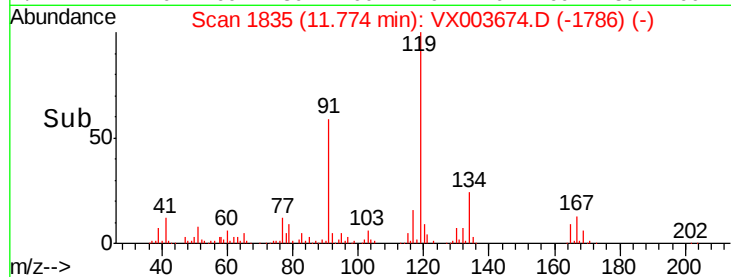
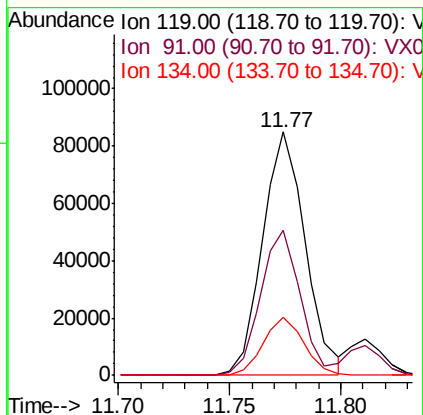
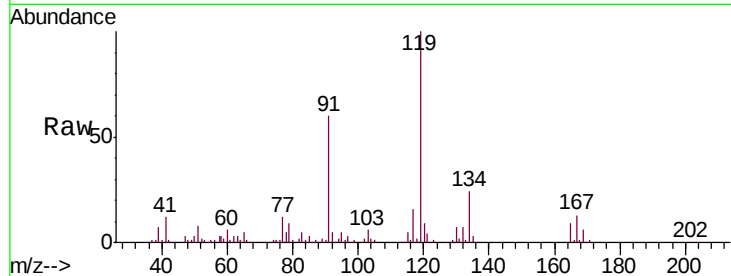




#83
tert-Butylbenzene
Concen: 20.84 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

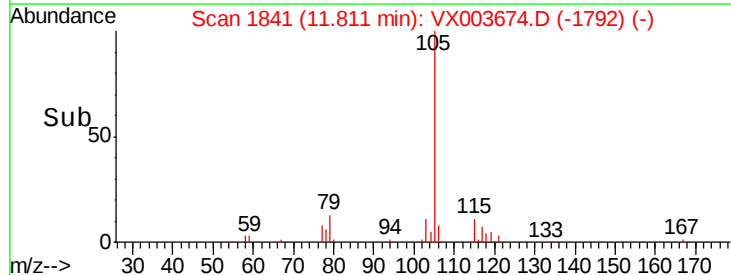
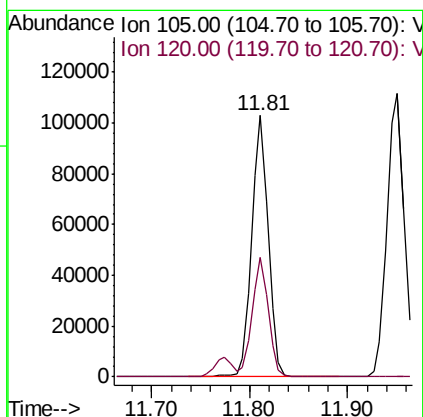
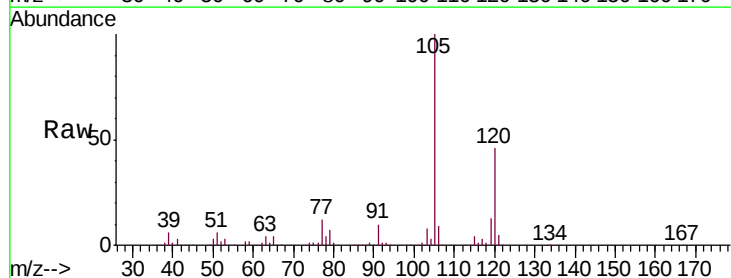
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

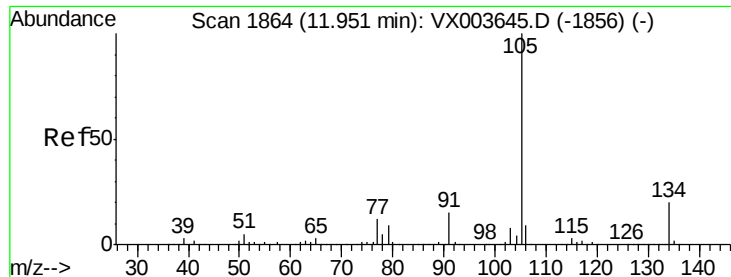
Tot Ion:119 Resp: 112865
Ion Ratio Lower Upper
119 100
91 55.6 28.4 85.2
134 22.8 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 21.22 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion:105 Resp: 120692
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 21.02 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

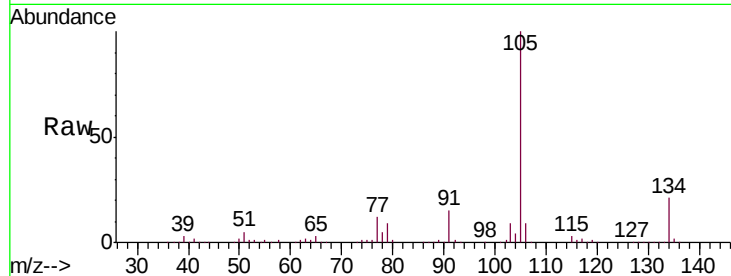
VX0726WBSD01

Tot Ion:105 Resp: 135888

Ion Ratio Lower Upper

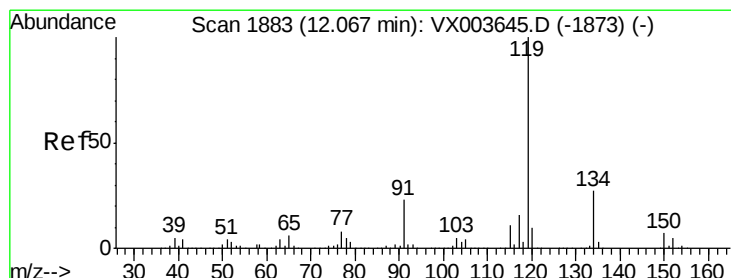
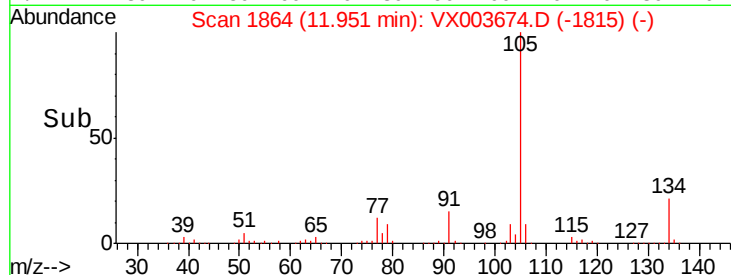
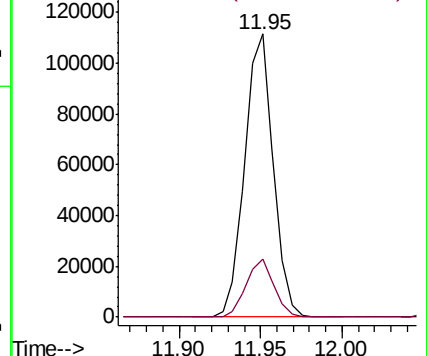
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.59 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

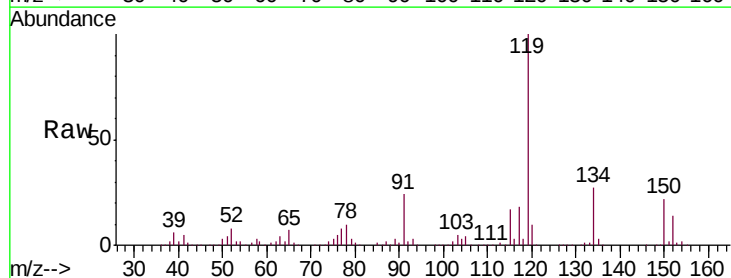
Tgt Ion:119 Resp: 119470

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

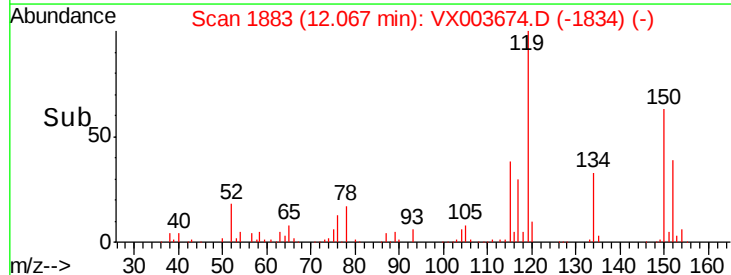
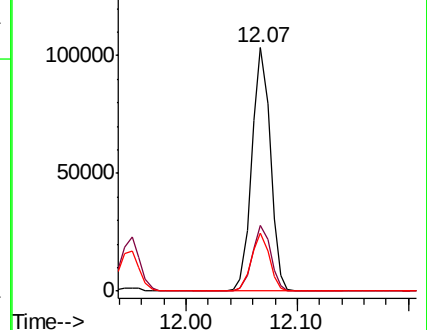
91 23.2 11.5 34.5

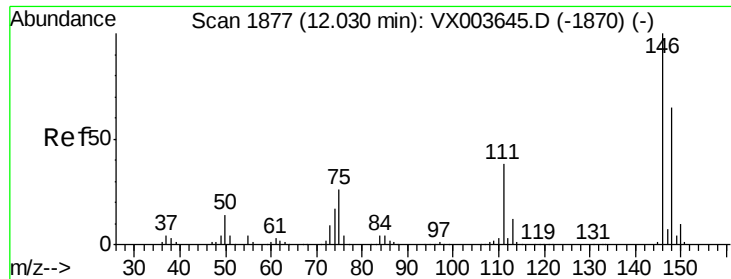


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.31 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD01

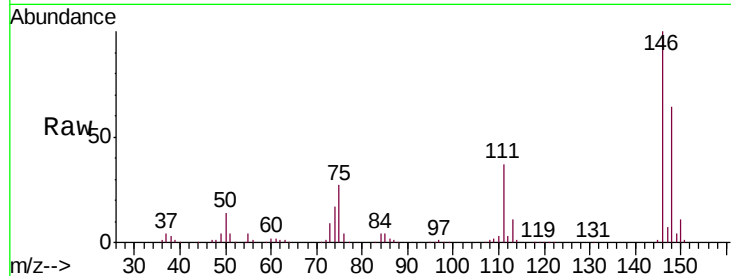
Tot Ion:146 Resp: 67203

Ion Ratio Lower Upper

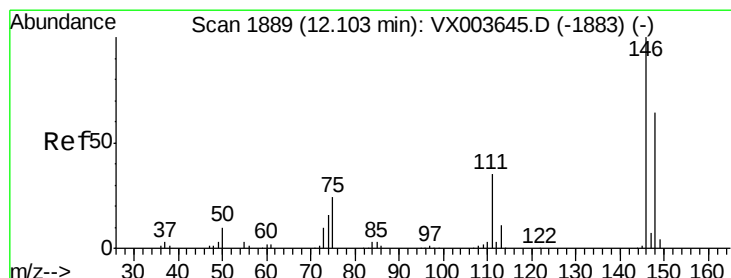
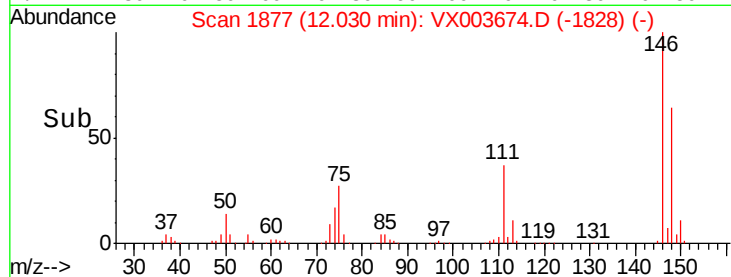
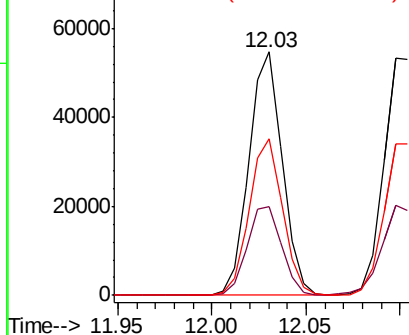
146 100

111 38.1 19.4 58.2

148 64.5 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: 19.94 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

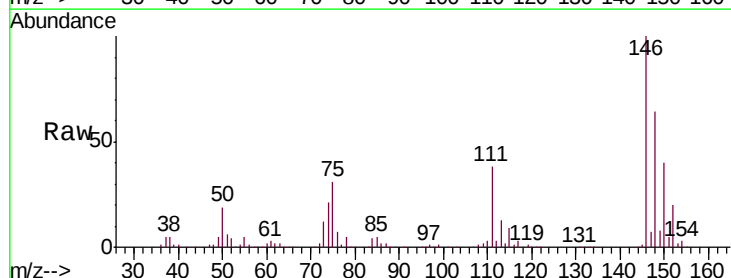
Tgt Ion:146 Resp: 68581

Ion Ratio Lower Upper

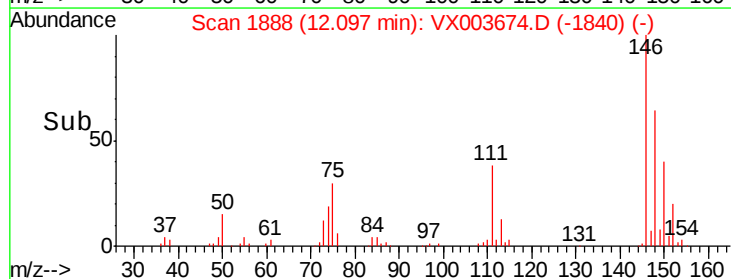
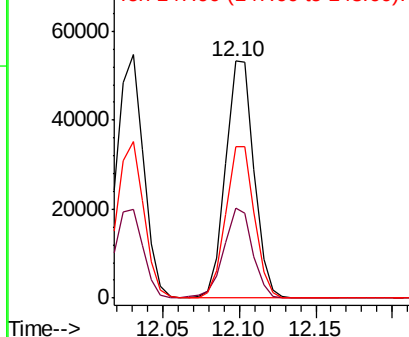
146 100

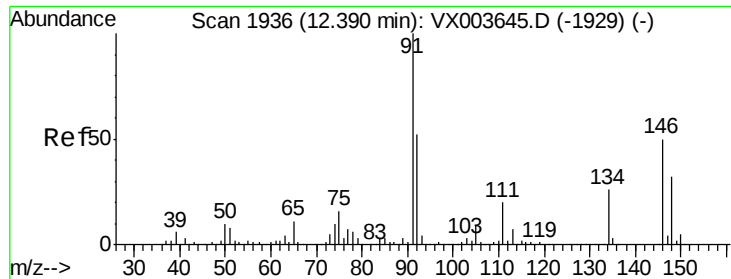
111 38.5 18.6 55.6

148 64.6 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: 19.91 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleID :

VX0726WBSD01

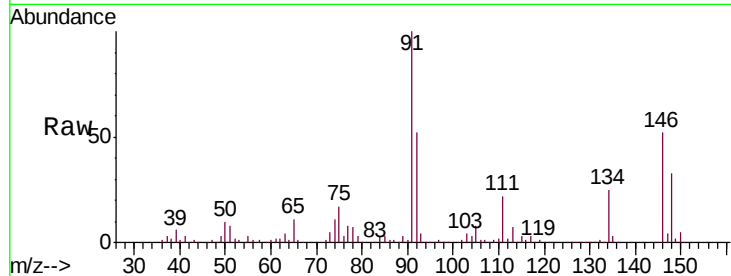
Tot Ion: 91 Resp: 104130

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

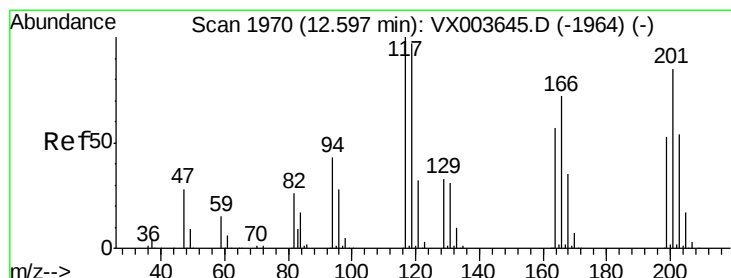
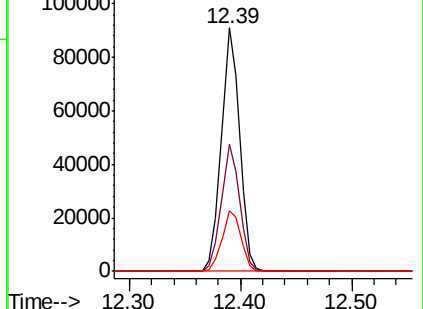
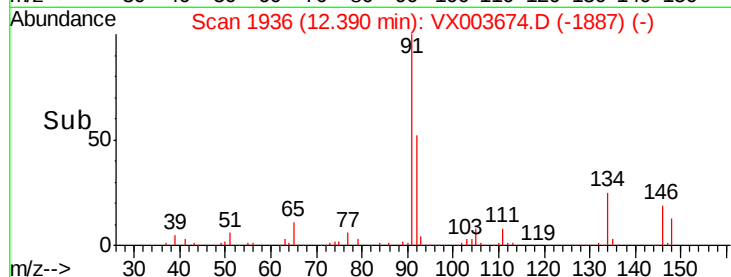
134 25.8 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.15 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003674.D

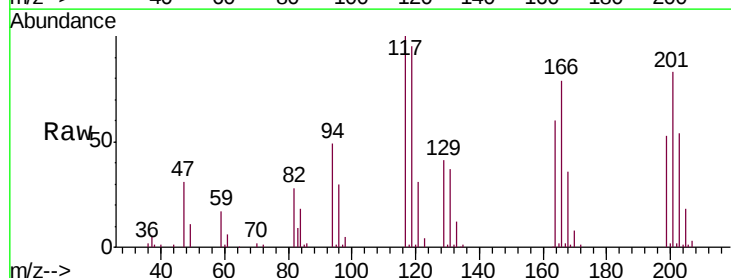
Acq: 26 Jul 2018 17:04

Tgt Ion: 117 Resp: 18581

Ion Ratio Lower Upper

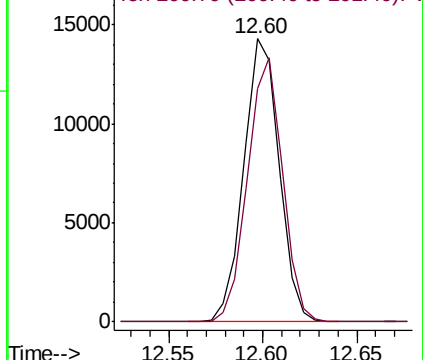
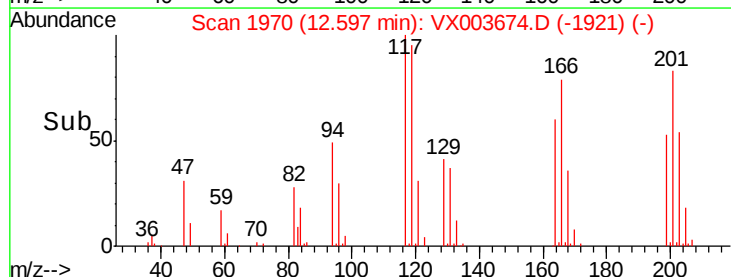
117 100

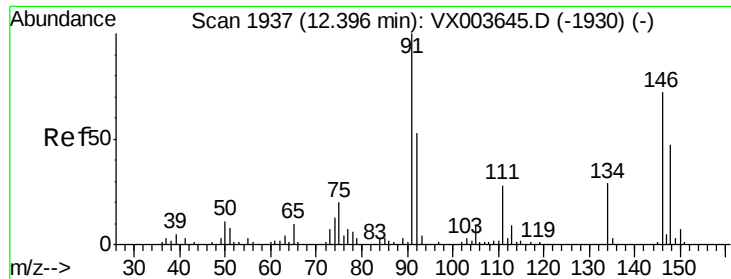
201 92.6 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.14 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD01

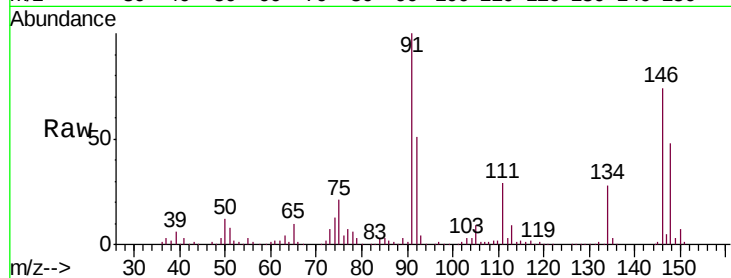
Tot Ion:146 Resp: 68067

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

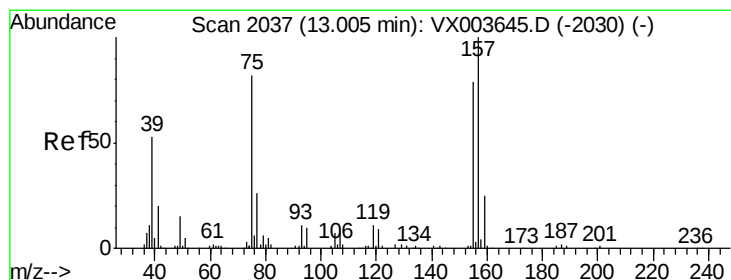
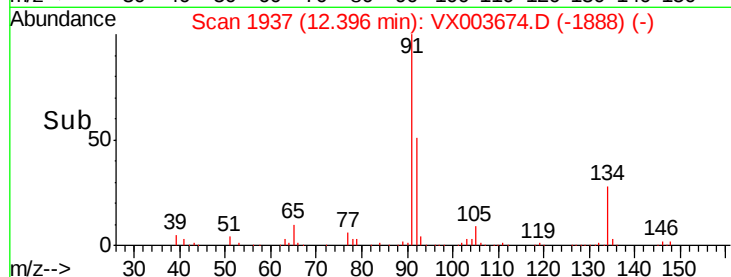
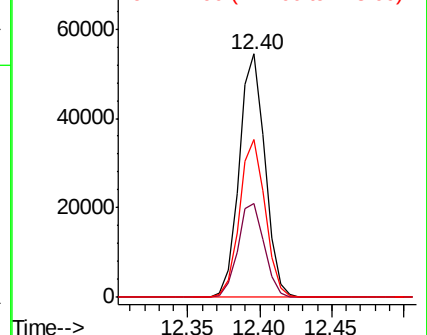
148 64.4 32.2 96.6



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: 20.77 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VX003674.D

Acq: 26 Jul 2018 17:04

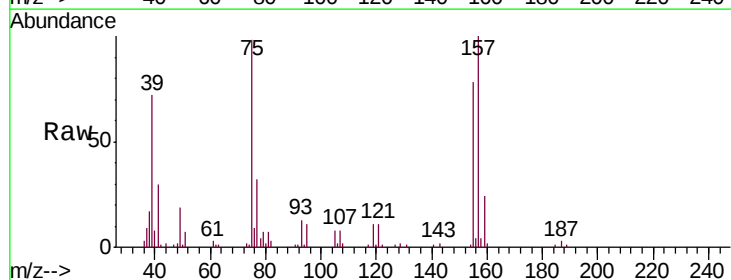
Tgt Ion: 75 Resp: 10446

Ion Ratio Lower Upper

75 100

155 90.6 46.1 138.3

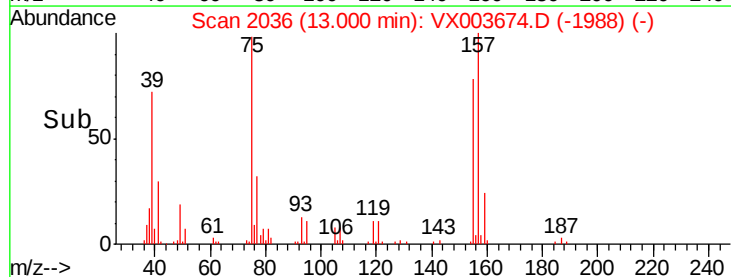
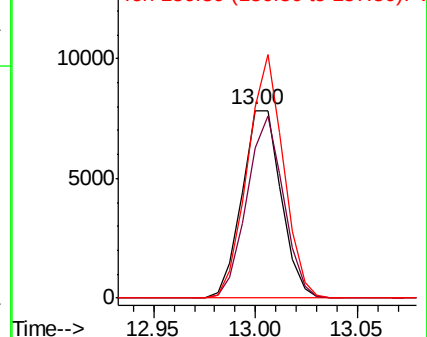
157 118.6 59.7 179.0

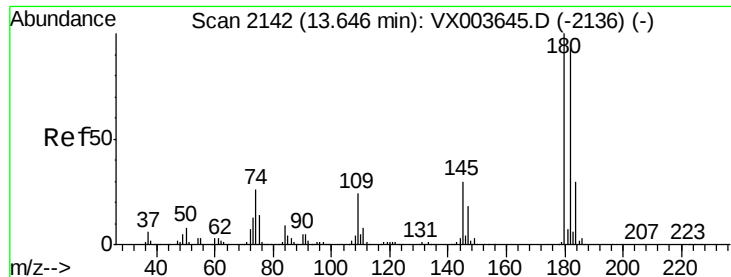


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

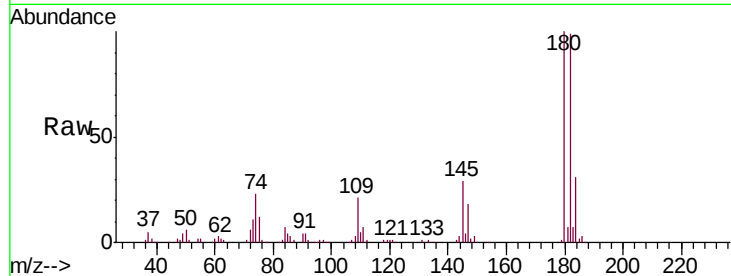




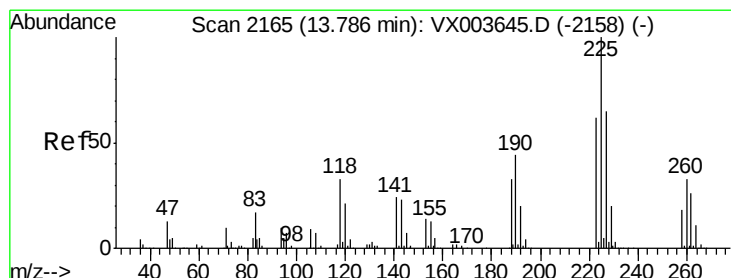
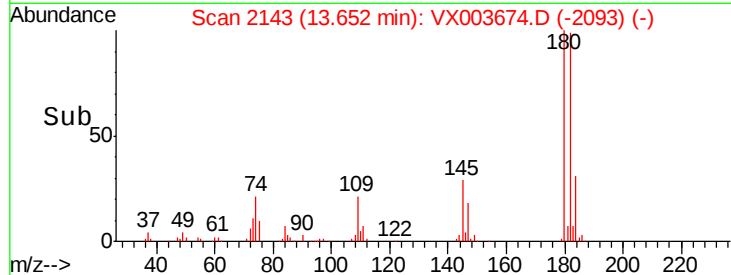
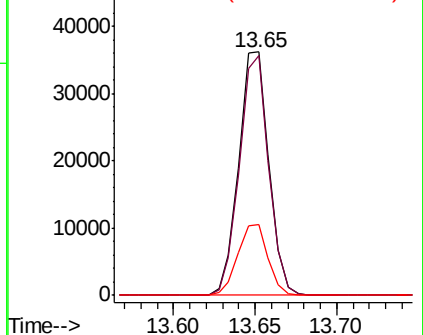
#93
1,2,4-Trichlorobenzene
Concen: 19.35 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion:180 Resp: 46666
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 29.1 14.4 43.2

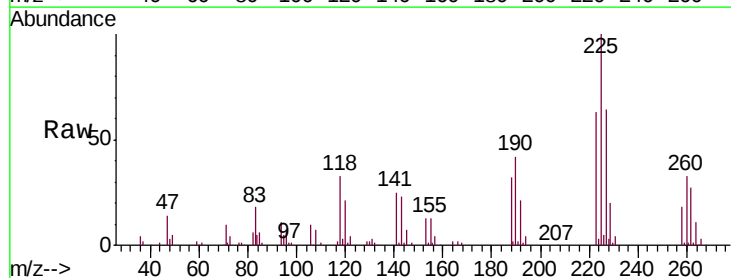


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

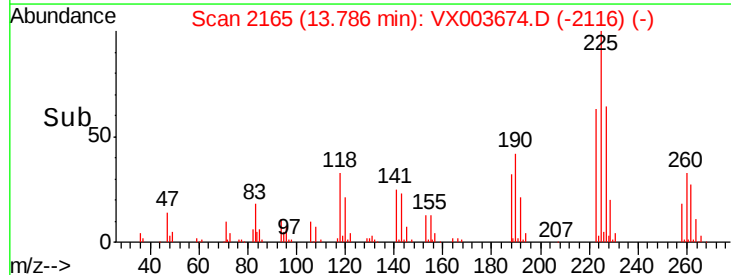
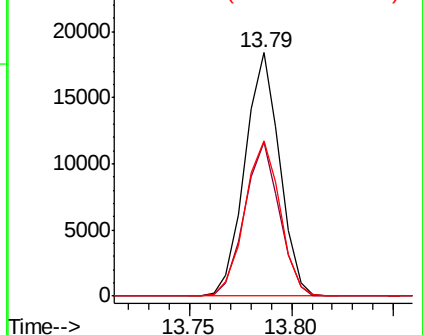


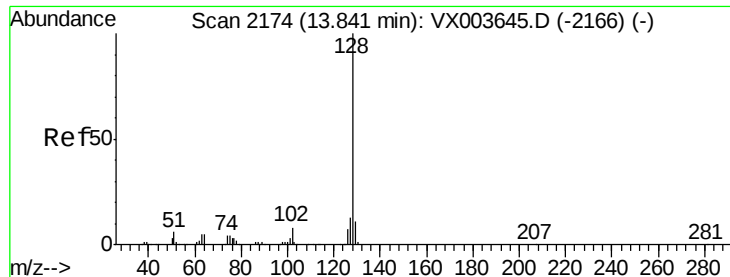
#94
Hexachlorobutadiene
Concen: 19.47 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion:225 Resp: 21732
Ion Ratio Lower Upper
225 100
223 63.0 30.9 92.5
227 65.0 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

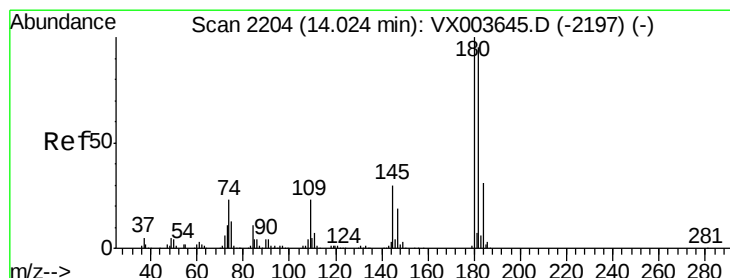
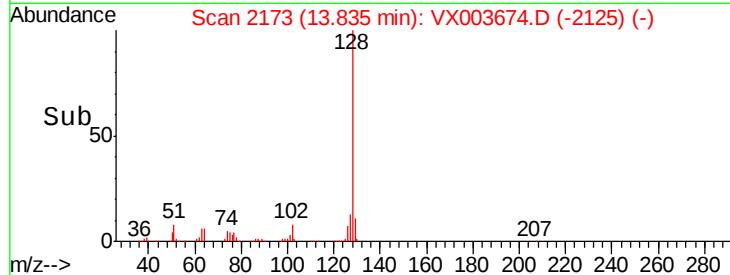
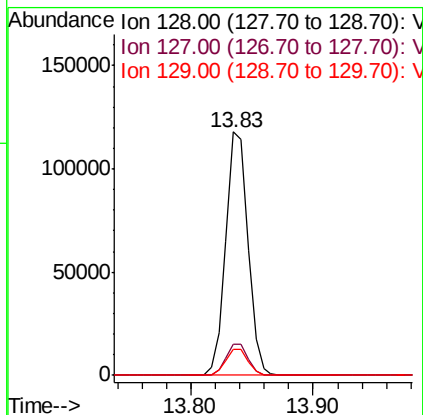
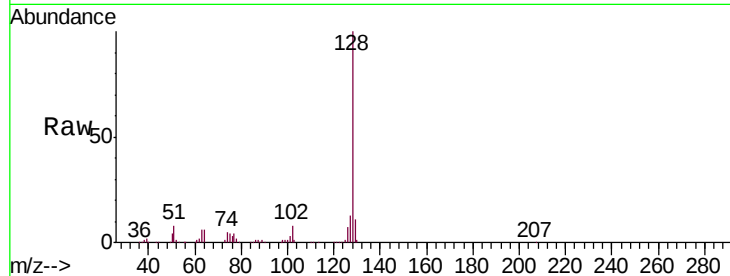




#95
Naphthalene
Concen: 20.28 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion:128 Resp: 147947
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.77 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003674.D
Acq: 26 Jul 2018 17:04

Tgt Ion:180 Resp: 48436
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.8
145 30.1 15.0 45.1

