

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004674.D
 Acq On : 18 Sep 2018 23:23
 Operator : JC/MD
 Sample : VX09WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Quant Time: Sep 19 05:42:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	271212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157571	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
35) Dibromofluoromethane	5.50	113	143162	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
50) Toluene-d8	8.71	98	488763	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
62) 4-Bromofluorobenzene	11.14	95	176828	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45800	18.019	ug/l	96
3) Chloromethane	1.32	50	60356	17.254	ug/l	99
4) Vinyl Chloride	1.40	62	66933	18.643	ug/l	97
5) Bromomethane	1.64	94	32714	21.078	ug/l	90
6) Chloroethane	1.72	64	39621	17.065	ug/l	97
7) Trichlorofluoromethane	1.93	101	86117	18.093	ug/l	100
8) Diethyl Ether	2.18	74	40532	18.995	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52833	17.498	ug/l	96
10) Methyl Iodide	2.51	142	54926	18.179	ug/l	96
11) Tert butyl alcohol	3.07	59	88154	105.644	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53395	18.842	ug/l	95
13) Acrolein	2.29	56	16322	49.552	ug/l	94
14) Allyl chloride	2.73	41	102513	17.596	ug/l	96
15) Acrylonitrile	3.15	53	182618	90.880	ug/l	97
16) Acetone	2.45	43	143422	84.029	ug/l	94
17) Carbon Disulfide	2.57	76	140407	17.141	ug/l	97
18) Methyl Acetate	2.78	43	90070	18.809	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	188911	18.999	ug/l	94
20) Methylene Chloride	2.85	84	63089	18.019	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	59180	18.899	ug/l	93
22) Diisopropyl ether	3.87	45	195894	18.669	ug/l	99
23) Vinyl Acetate	3.82	43	775314	91.306	ug/l	99
24) 1,1-Dichloroethane	3.69	63	110434	18.641	ug/l	98
25) 2-Butanone	4.70	43	234646	86.381	ug/l	98
26) 2,2-Dichloropropane	4.58	77	65345	16.060	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	66963	19.156	ug/l	98
28) Bromochloromethane	5.02	49	48604	17.936	ug/l	98
29) Tetrahydrofuran	5.15	42	149575	91.306	ug/l	100
30) Chloroform	5.21	83	108983	18.843	ug/l	99
31) Cyclohexane	5.57	56	94641	18.709	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	87181	18.715	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78035	17.765	ug/l	98
37) Ethyl Acetate	4.85	43	86690	17.352	ug/l	99
38) Carbon Tetrachloride	5.78	117	74777	17.429	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79818	17.413	ug/l	99
40) Benzene	6.14	78	234866	18.021	ug/l	97
41) Methacrylonitrile	5.06	41	47730	17.340	ug/l	98
42) 1,2-Dichloroethane	6.20	62	73634	17.034	ug/l	100
43) Isopropyl Acetate	6.46	43	115361	17.385	ug/l	98
44) Trichloroethene	7.22	130	66414	19.614	ug/l	84
45) 1,2-Dichloropropane	7.52	63	55897	17.824	ug/l	98
46) Dibromomethane	7.66	93	35710	18.024	ug/l	97
47) Bromodichloromethane	7.90	83	65252	17.416	ug/l	100
48) Methyl methacrylate	7.77	41	57862	17.620	ug/l	97
49) 1,4-Dioxane	7.75	88	30061	386.764	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	385738	82.374	ug/l	99
52) Toluene	8.79	92	134977	17.578	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	74378	16.994	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	78643	17.627	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59665	18.046	ug/l	93
56) Ethyl methacrylate	9.18	69	88285	18.875	ug/l	97
57) 1,3-Dichloropropane	9.37	76	97431	18.136	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	203837	90.319	ug/l	98
59) 2-Hexanone	9.49	43	310164	86.353	ug/l	96
60) Dibromochloromethane	9.59	129	53420	17.162	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57057	18.065	ug/l	99
64) Tetrachloroethene	9.34	164	83766	20.622	ug/l	94
65) Chlorobenzene	10.14	112	153778	19.029	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	52289	18.763	ug/l	98
67) Ethyl Benzene	10.26	91	252811	19.239	ug/l	99
68) m/p-Xylenes	10.36	106	198446	39.205	ug/l	98
69) o-Xylene	10.70	106	96878	19.908	ug/l	98
70) Styrene	10.71	104	159604	19.797	ug/l	99
71) Bromoform	10.86	173	42077	18.389	ug/l #	99
73) Isopropylbenzene	11.02	105	261988	18.520	ug/l	100
74) N-amyl acetate	10.90	43	100016	16.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73699	16.151	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91658	21.209	ug/l	87
77) Bromobenzene	11.26	156	70968	18.150	ug/l	99
78) n-propylbenzene	11.36	91	294421	18.101	ug/l	100
79) 2-Chlorotoluene	11.42	91	179979	18.244	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239865	20.170	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	20999	15.488	ug/l	98
82) 4-Chlorotoluene	11.51	91	219027	19.023	ug/l	99
83) tert-Butylbenzene	11.77	119	240399	21.233	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	270701	22.295	ug/l	96
85) sec-Butylbenzene	11.94	105	322326	22.341	ug/l	97
86) p-Isopropyltoluene	12.07	119	270070	21.197	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	151476	20.763	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	151311	20.073	ug/l	98
89) n-Butylbenzene	12.39	91	222034	19.124	ug/l	96
90) Hexachloroethane	12.60	117	37430	18.351	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	143579	19.445	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20125	20.656	ug/l	98

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Quant Time: Sep 19 05:42:18 2018
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

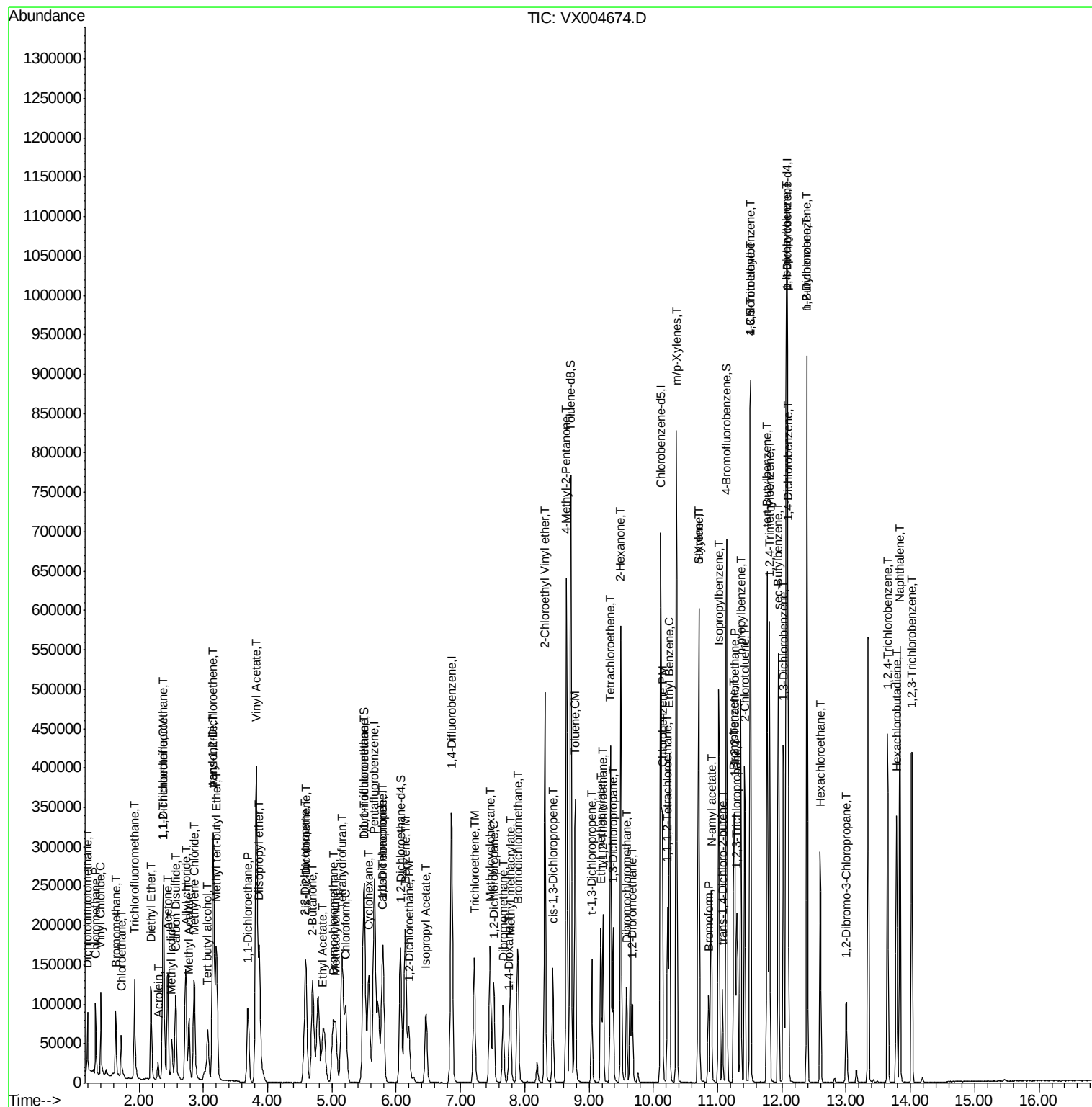
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116348	22.253	ug/l	98
94) Hexachlorobutadiene	13.79	225	54501	19.956	ug/l	92
95) Naphthalene	13.83	128	339404	23.145	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115814	21.561	ug/l	99

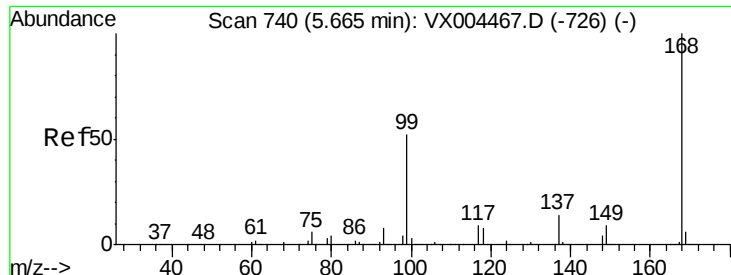
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

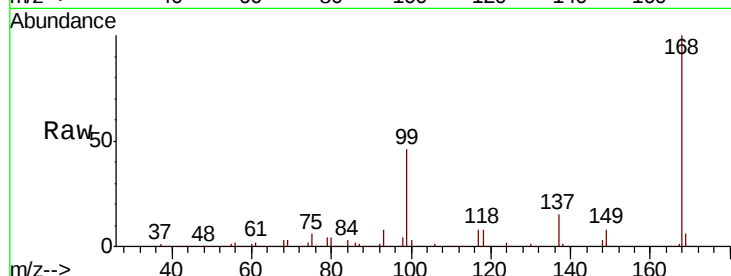
VX0918WBSD02

Tgt Ion: 168 Resp: 271212

Ion Ratio Lower Upper

168 100

99 45.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

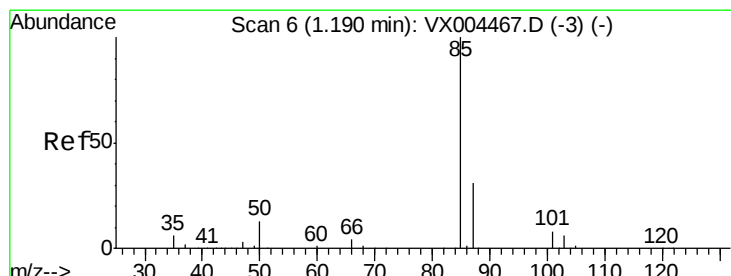
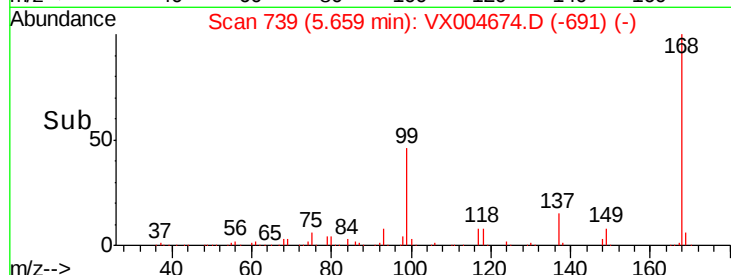
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.019 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004674.D

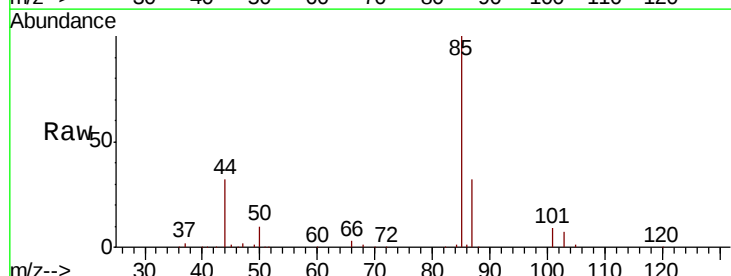
Acq: 18 Sep 2018 23:23

Tgt Ion: 85 Resp: 45800

Ion Ratio Lower Upper

85 100

87 31.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

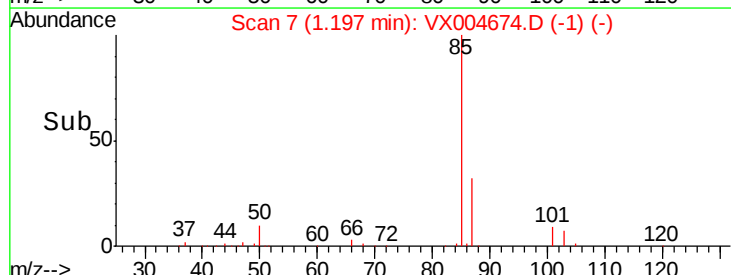
30000

20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.254 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

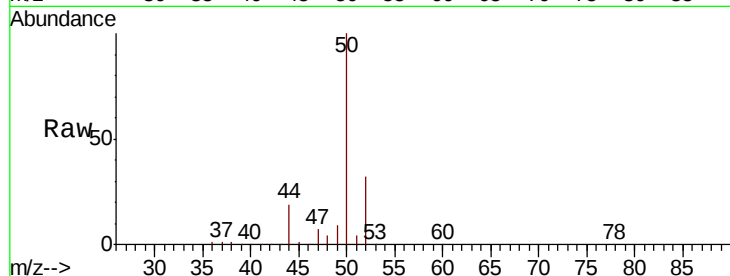
VX0918WBSD02

Tgt Ion: 50 Resp: 60356

Ion Ratio Lower Upper

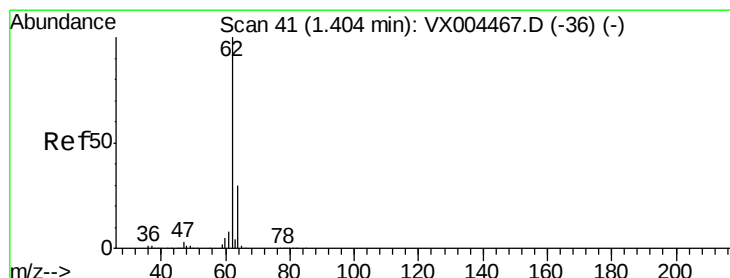
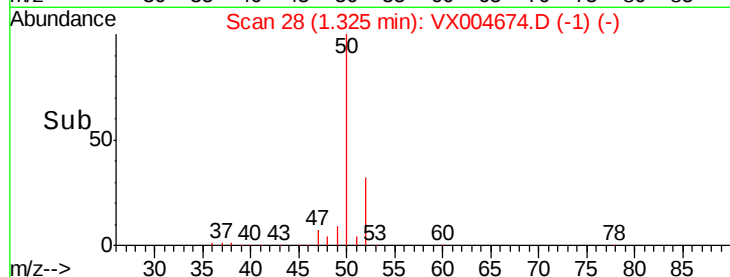
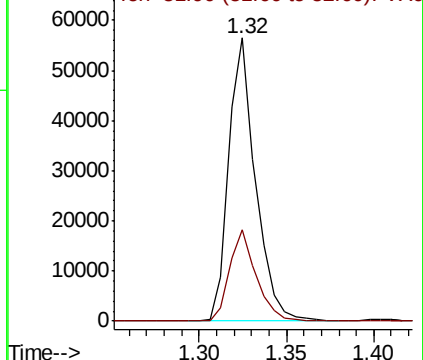
50 100

52 32.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.643 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004674.D

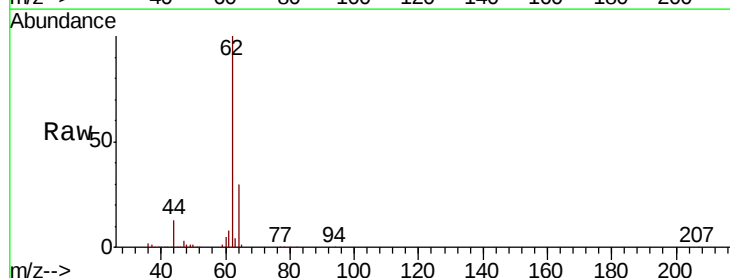
Acq: 18 Sep 2018 23:23

Tgt Ion: 62 Resp: 66933

Ion Ratio Lower Upper

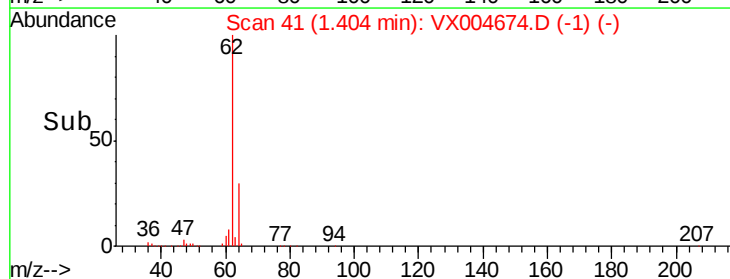
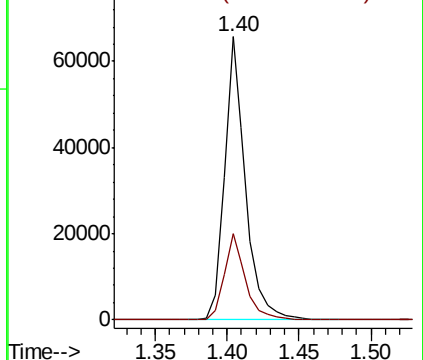
62 100

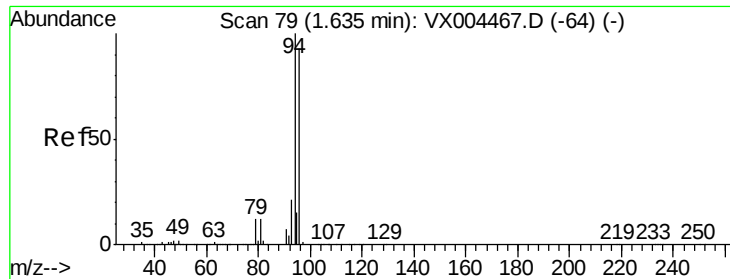
64 30.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.078 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

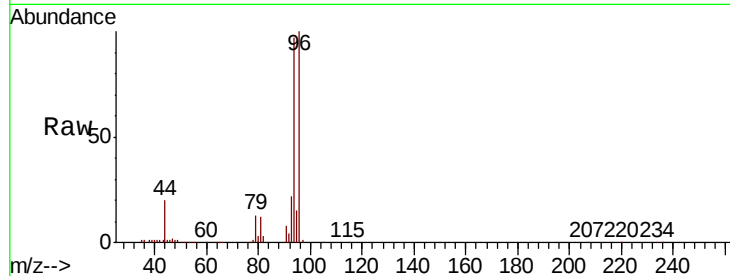
VX0918WBSD02

Tgt Ion: 94 Resp: 32714

Ion Ratio Lower Upper

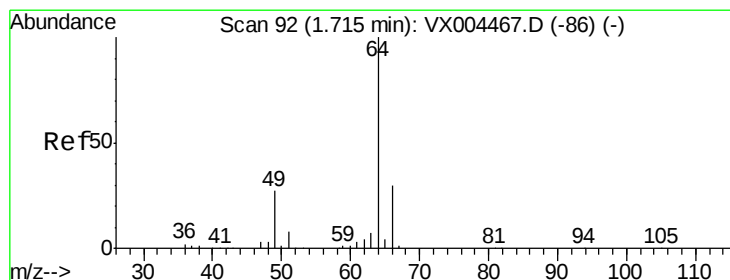
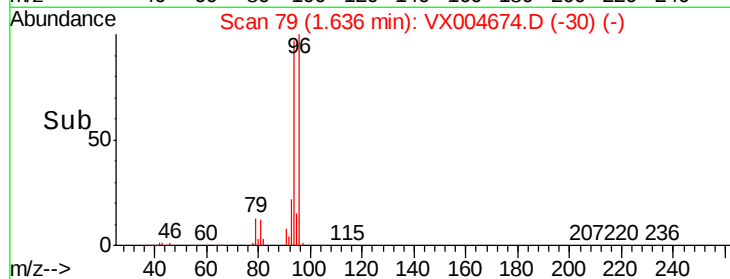
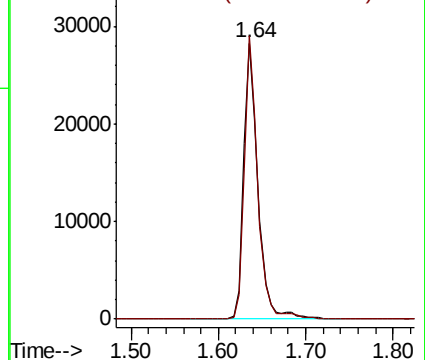
94 100

96 102.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.065 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004674.D

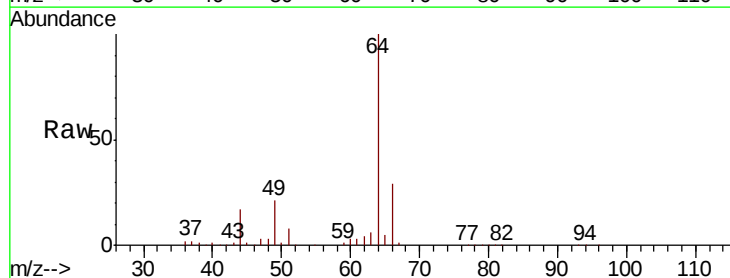
Acq: 18 Sep 2018 23:23

Tgt Ion: 64 Resp: 39621

Ion Ratio Lower Upper

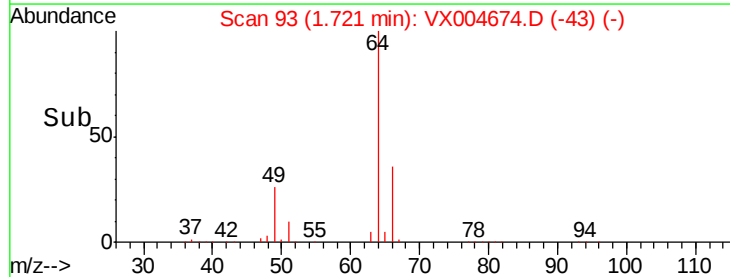
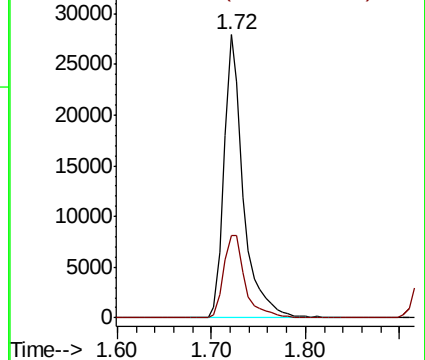
64 100

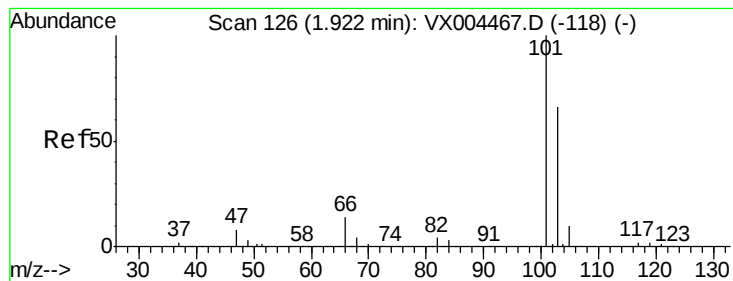
66 29.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 18.093 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004674.D

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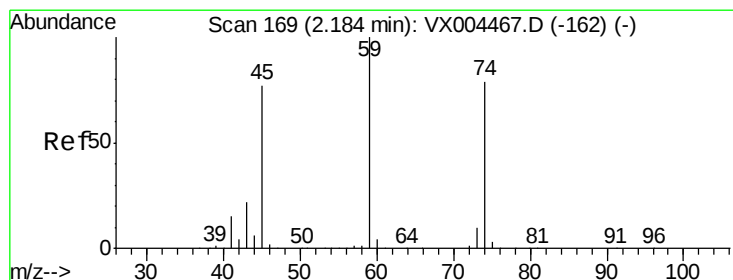
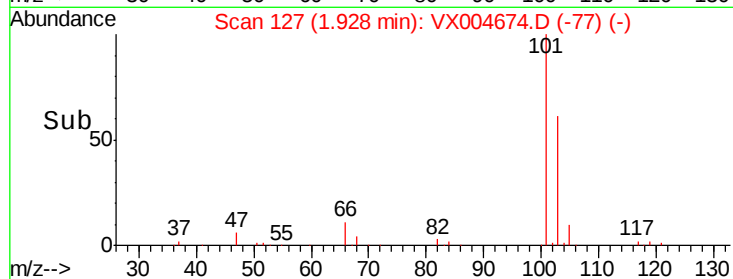
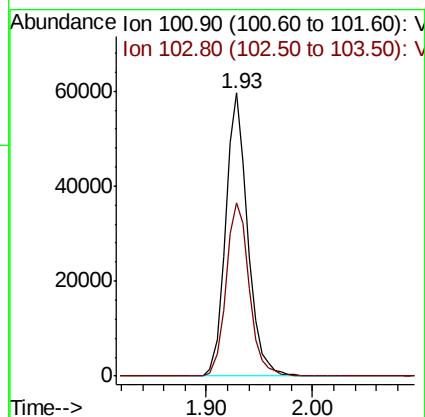
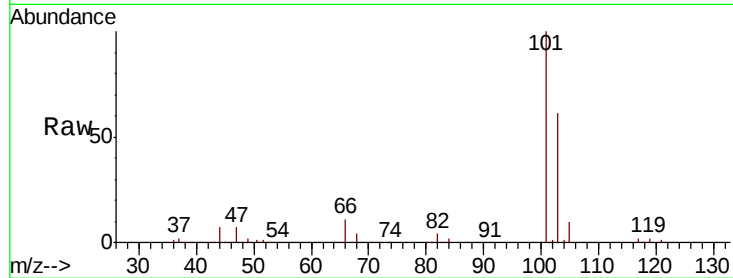
VX0918WBSD02

Tgt Ion: 101 Resp: 86117

Ion Ratio Lower Upper

101 100

103 61.2 48.9 73.3



#8

Diethyl Ether

Concen: 18.995 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX004674.D

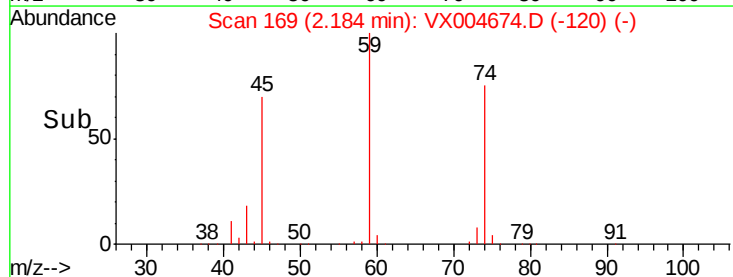
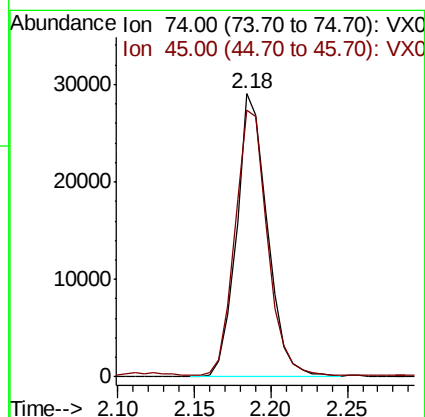
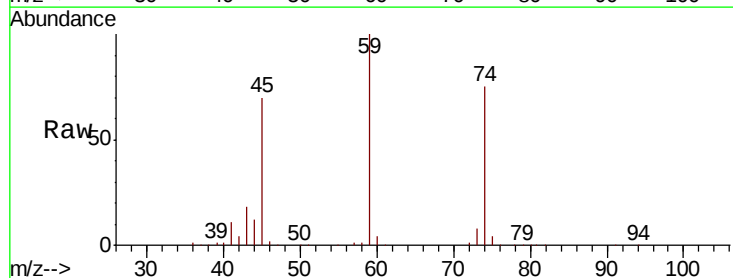
Acq: 18 Sep 2018 23:23

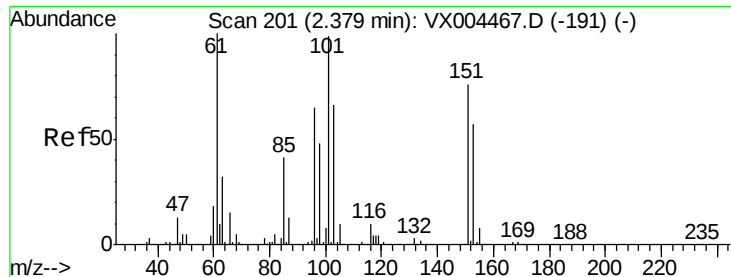
Tgt Ion: 74 Resp: 40532

Ion Ratio Lower Upper

74 100

45 98.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.498 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004674.D

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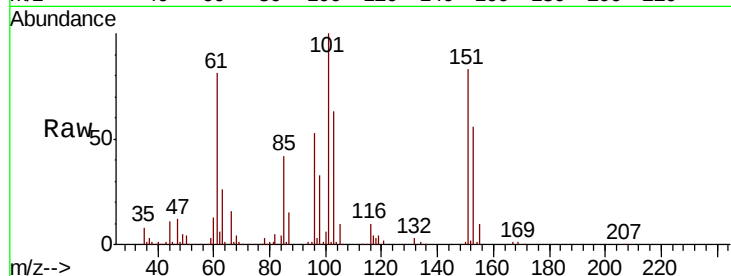
Tgt Ion:101 Resp: 52833

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

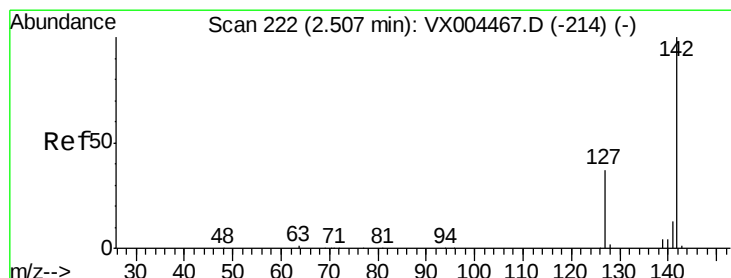
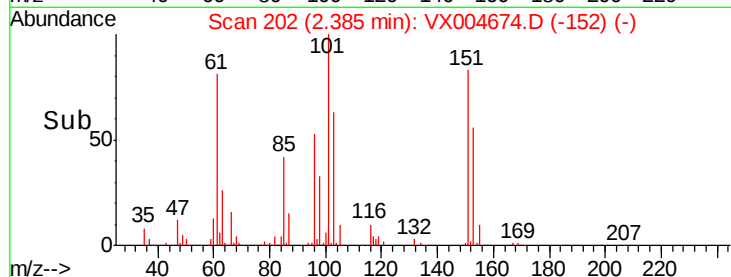
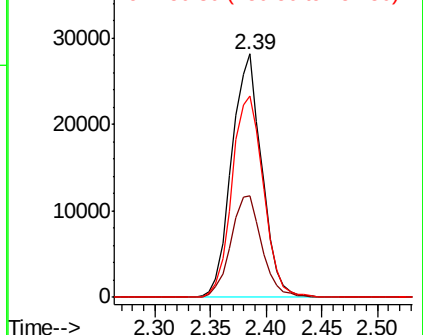
151 86.4 65.0 97.6



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: 18.179 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

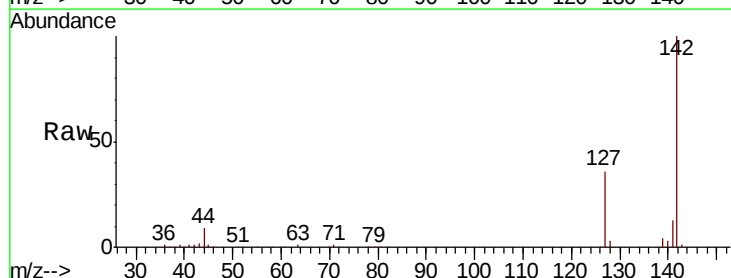
Tgt Ion:142 Resp: 54926

Ion Ratio Lower Upper

142 100

127 38.5 33.8 50.6

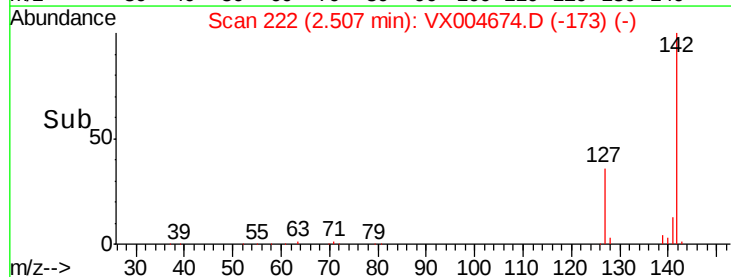
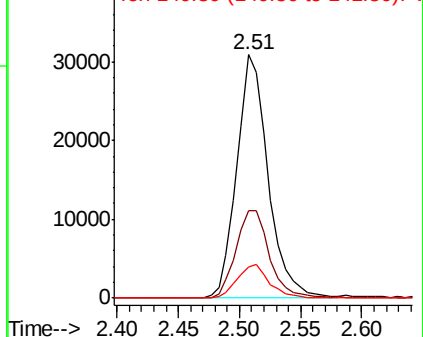
141 14.1 11.4 17.0

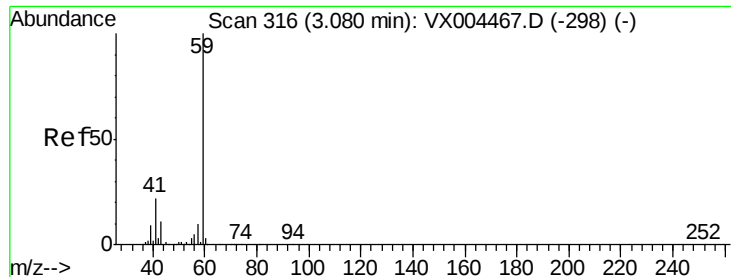


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

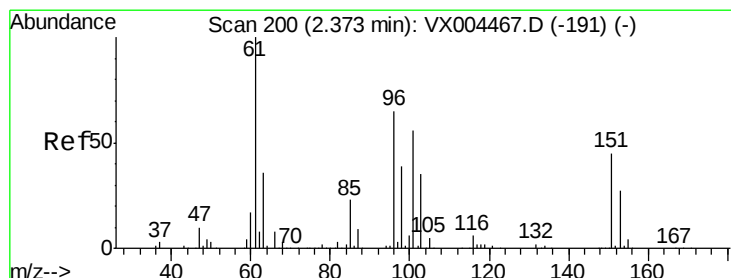
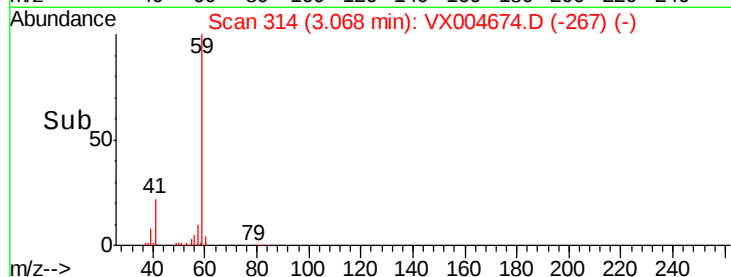
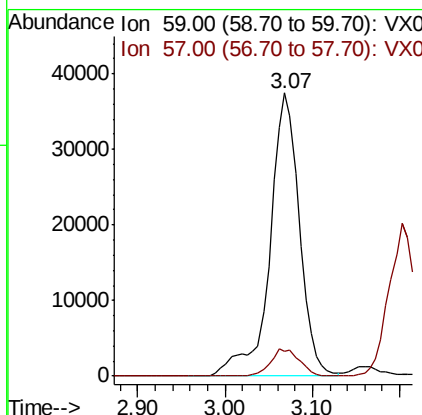
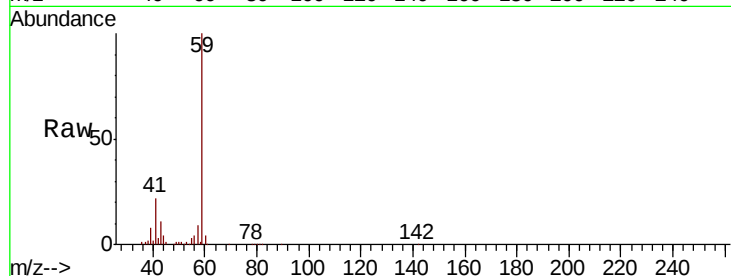




#11
Tert butyl alcohol
Concen: 105.644 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

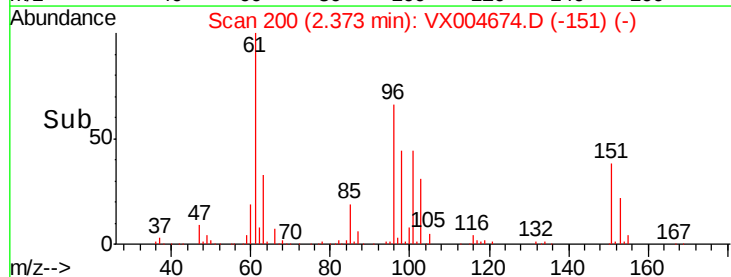
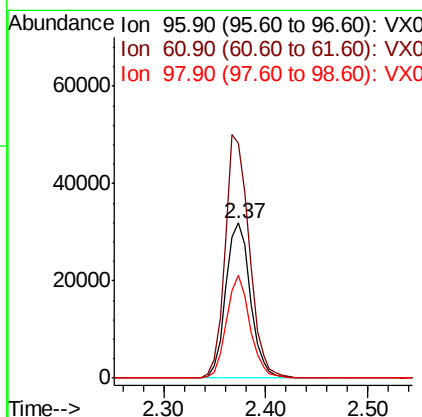
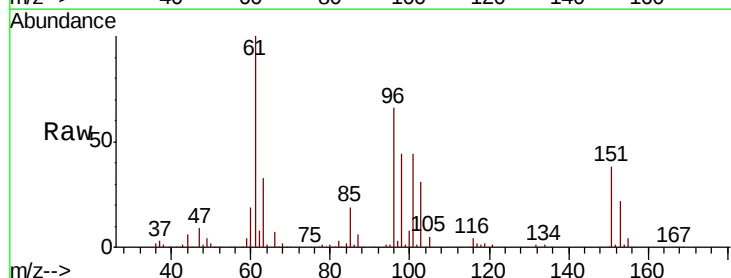
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

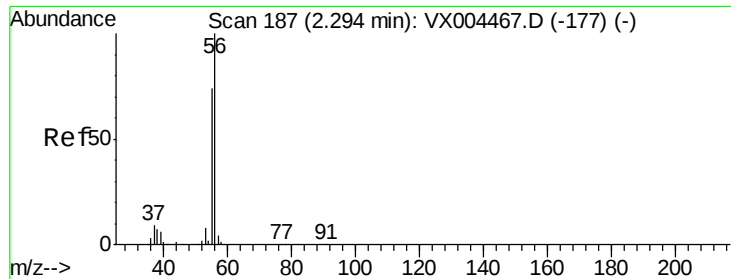
Tgt Ion: 59 Resp: 88154
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.842 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 96 Resp: 53395
Ion Ratio Lower Upper
96 100
61 151.5 128.8 193.2
98 66.0 52.2 78.2





#13

Acrolein

Concen: 49.552 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

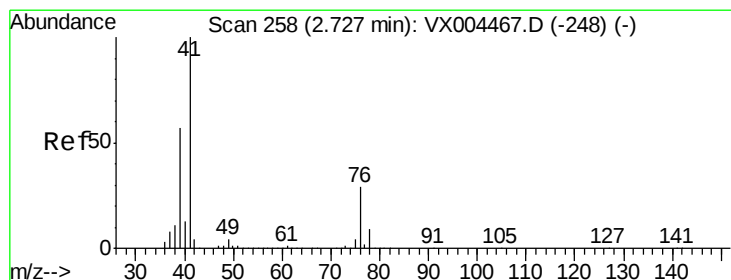
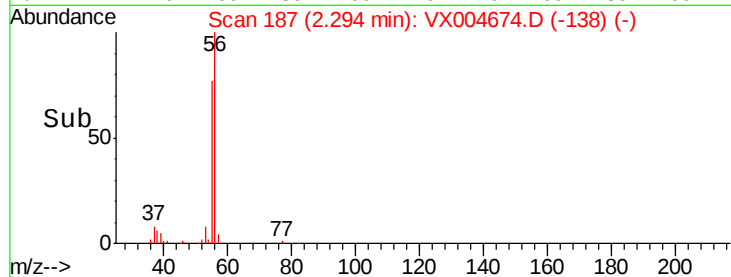
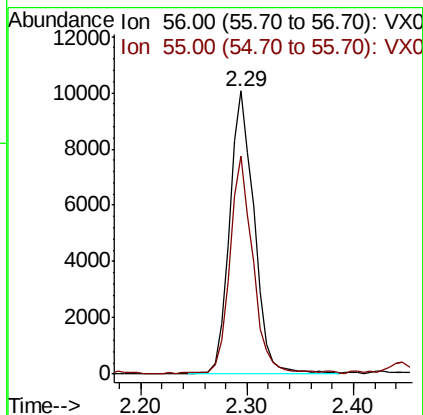
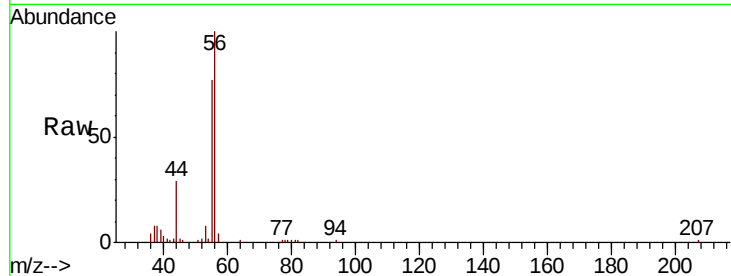
VX0918WBSD02

Tgt Ion: 56 Resp: 16322

Ion Ratio Lower Upper

56 100

55 73.3 54.7 82.1



#14

Allyl chloride

Concen: 17.596 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

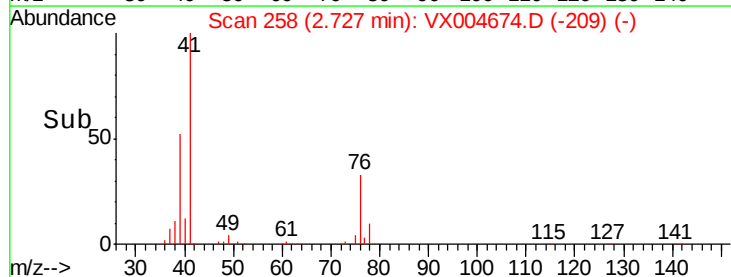
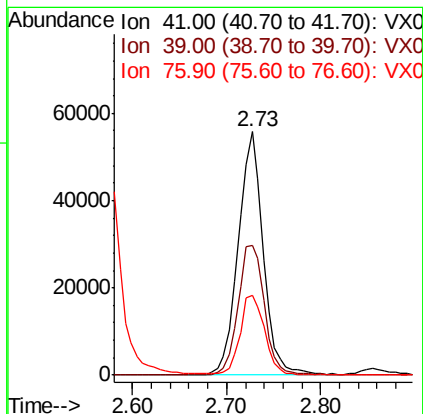
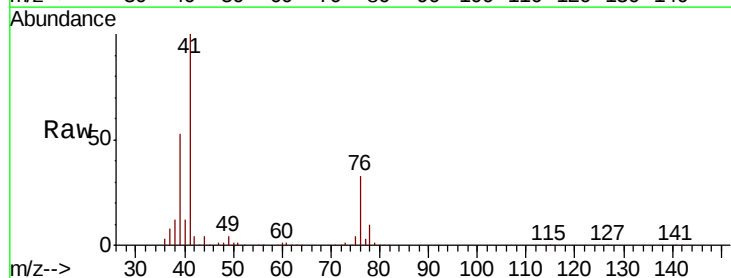
Tgt Ion: 41 Resp: 102513

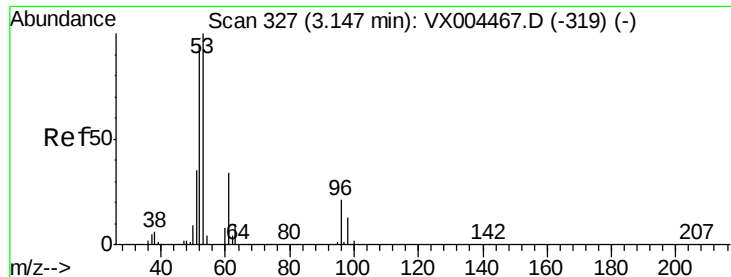
Ion Ratio Lower Upper

41 100

39 56.4 48.9 73.3

76 32.7 26.7 40.1

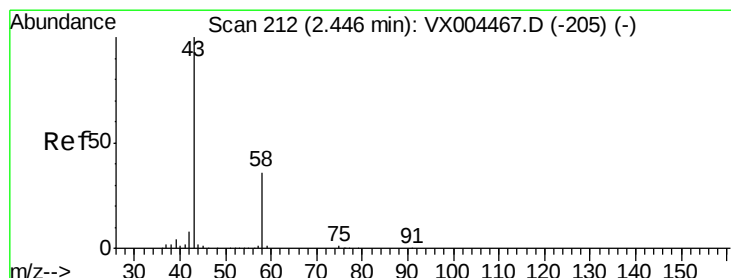
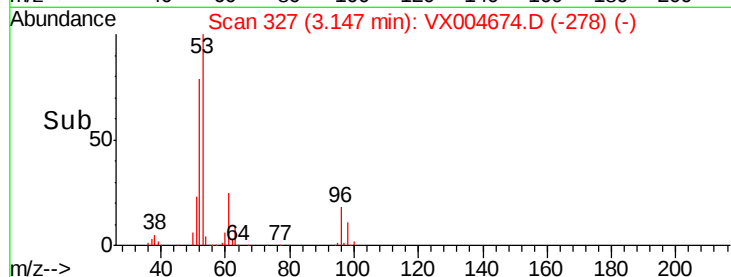
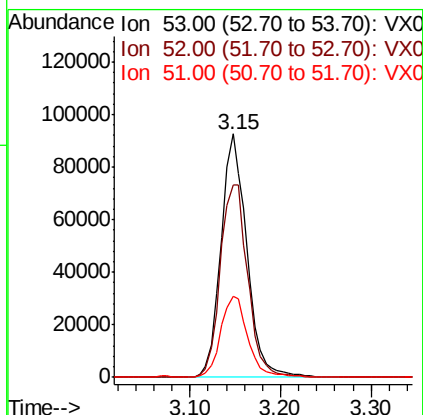
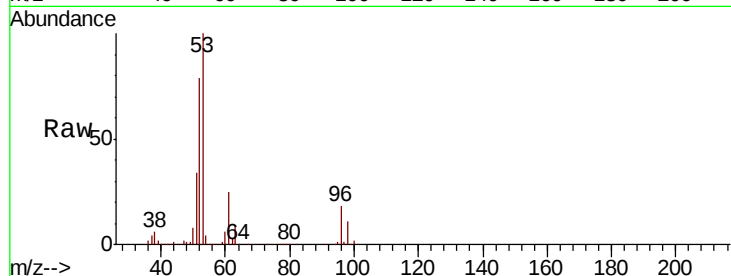




#15
Acrylonitrile
Concen: 90.880 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

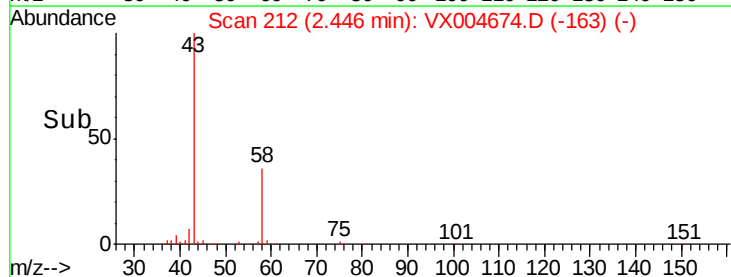
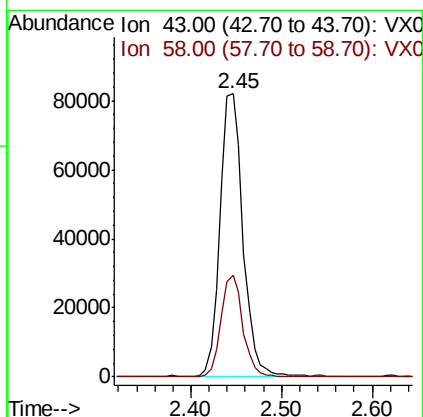
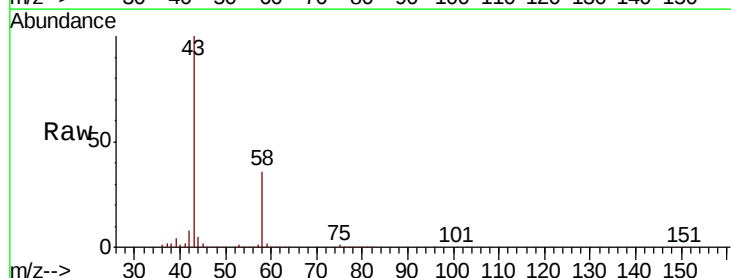
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

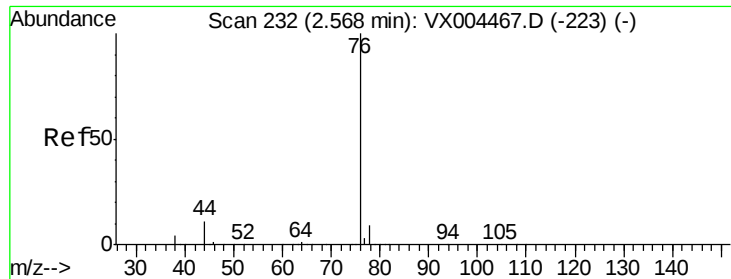
Tgt Ion: 53 Resp: 182618
Ion Ratio Lower Upper
53 100
52 84.7 65.2 97.8
51 35.2 28.2 42.2



#16
Acetone
Concen: 84.029 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 43 Resp: 143422
Ion Ratio Lower Upper
43 100
58 35.9 26.2 39.4





#17

Carbon Disulfide

Concen: 17.141 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

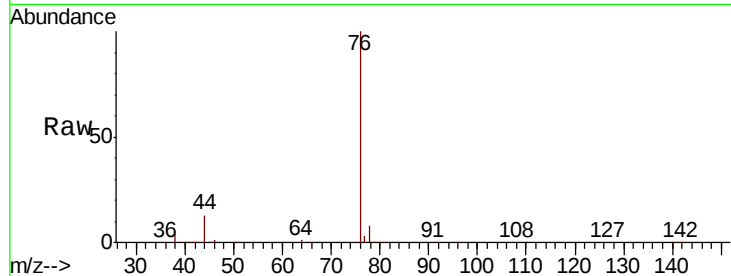
VX0918WBSD02

Tgt Ion: 76 Resp: 140407

Ion Ratio Lower Upper

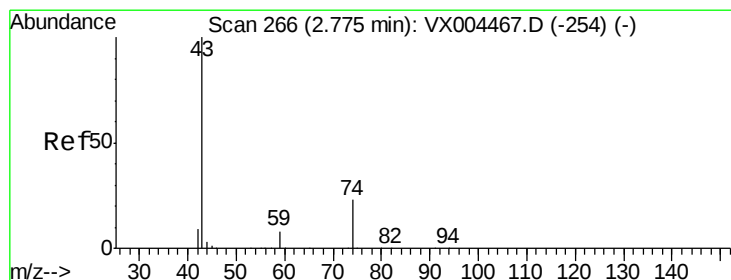
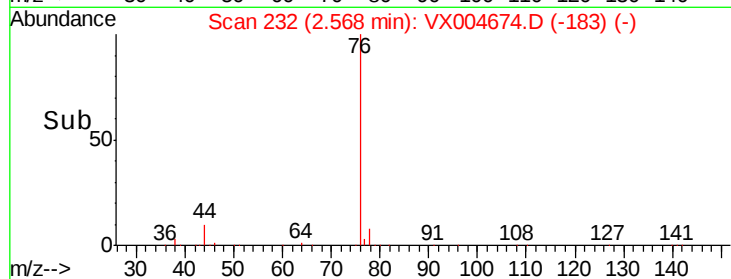
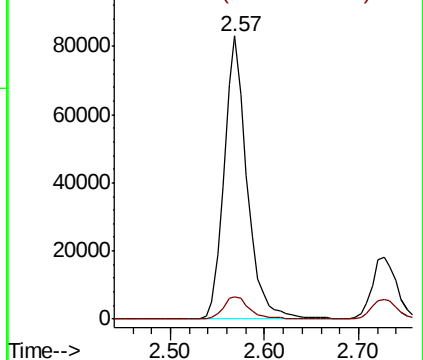
76 100

78 7.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.809 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004674.D

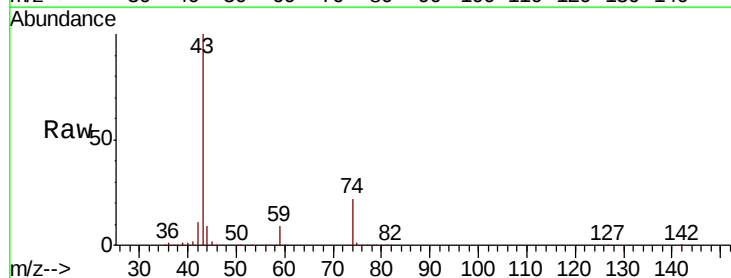
Acq: 18 Sep 2018 23:23

Tgt Ion: 43 Resp: 90070

Ion Ratio Lower Upper

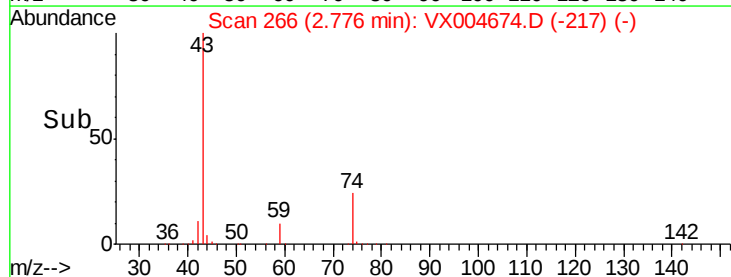
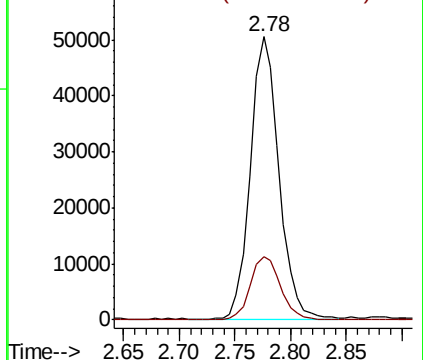
43 100

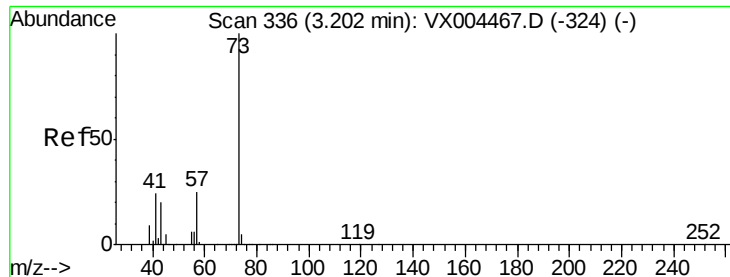
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



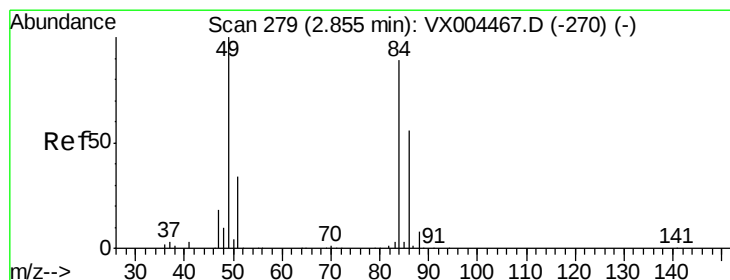
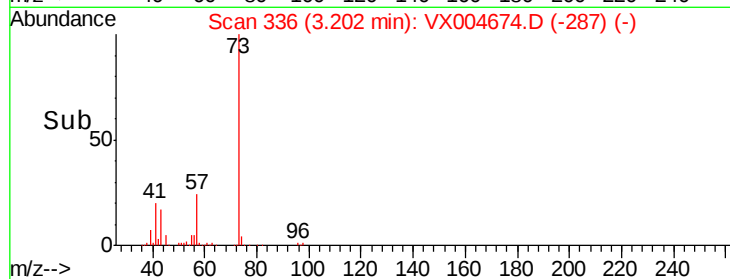
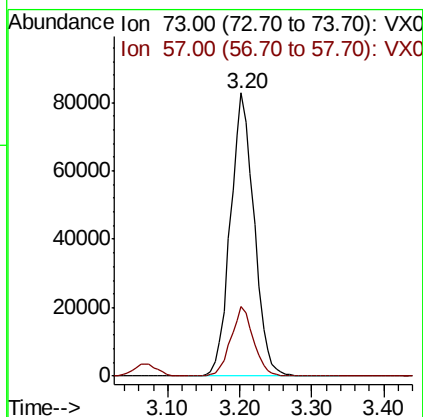
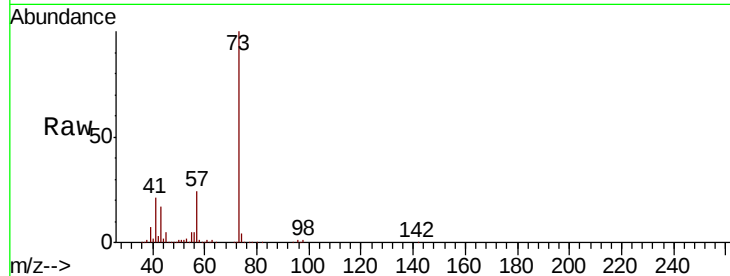


#19

Methyl tert-butyl Ether
 Concen: 18.999 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

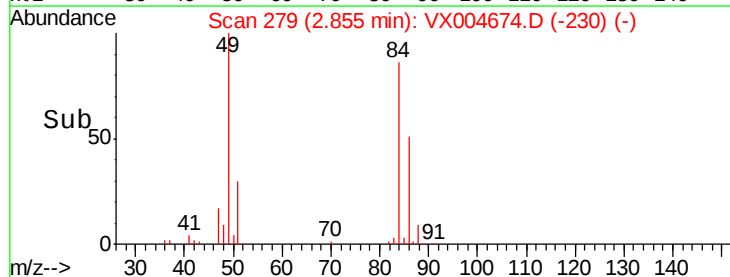
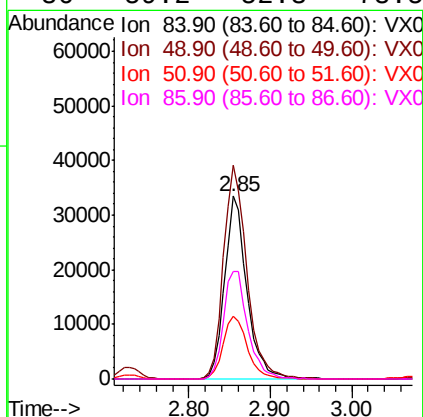
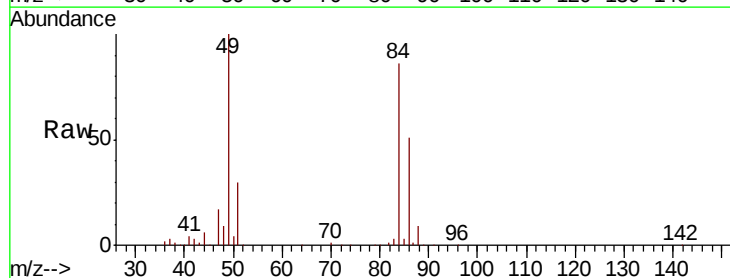
Tgt Ion: 73 Resp: 188911
 Ion Ratio Lower Upper
 73 100
 57 24.4 17.1 25.7

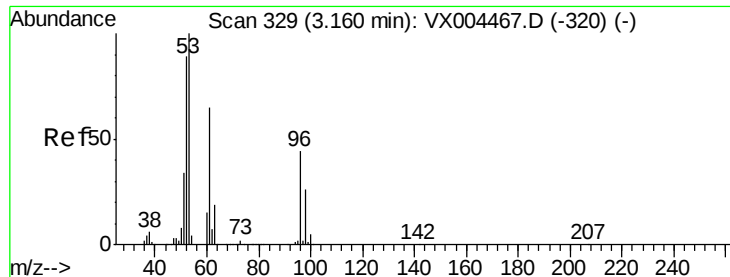


#20

Methylene Chloride
 Concen: 18.019 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion: 84 Resp: 63089
 Ion Ratio Lower Upper
 84 100
 49 116.9 101.2 151.8
 51 34.4 29.5 44.3
 86 59.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.899 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

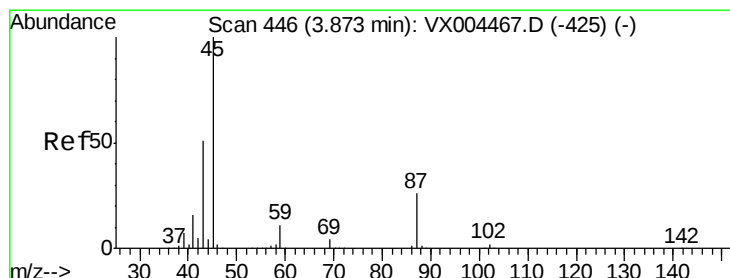
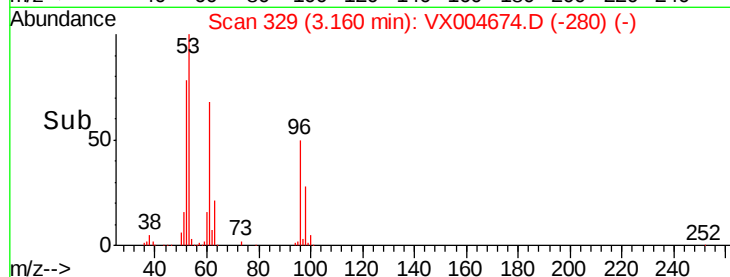
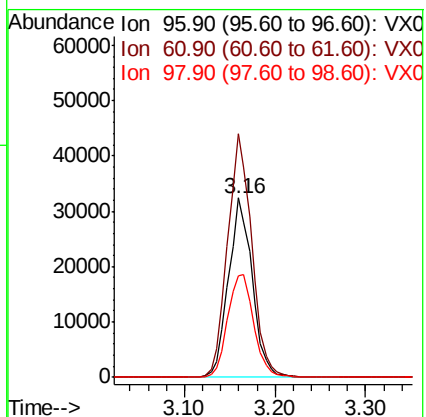
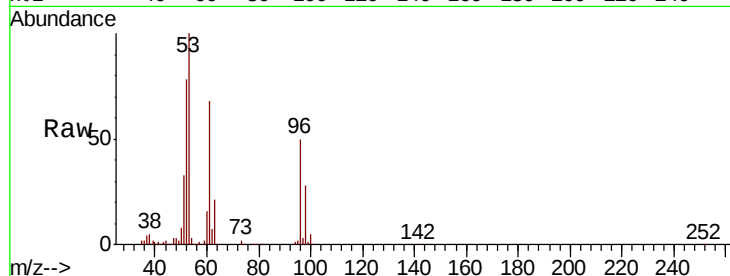
Tgt Ion: 96 Resp: 59180

Ion Ratio Lower Upper

96 100

61 135.6 113.8 170.6

98 56.6 51.8 77.8



#22

Diisopropyl ether

Concen: 18.669 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Tgt Ion: 45 Resp: 195894

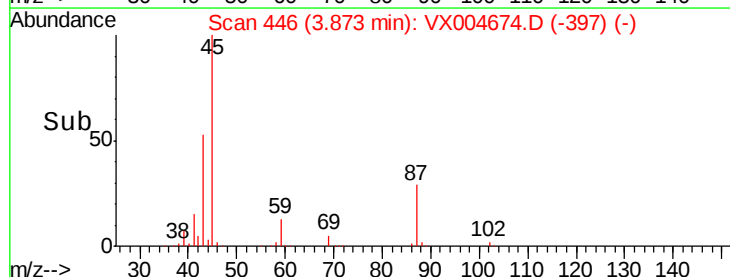
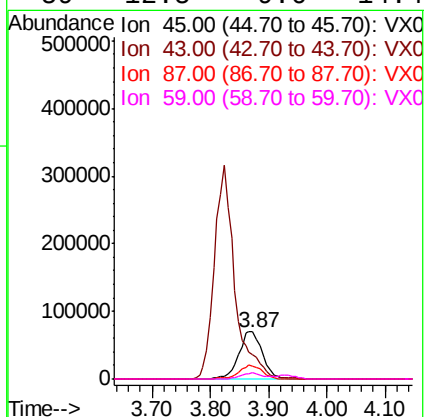
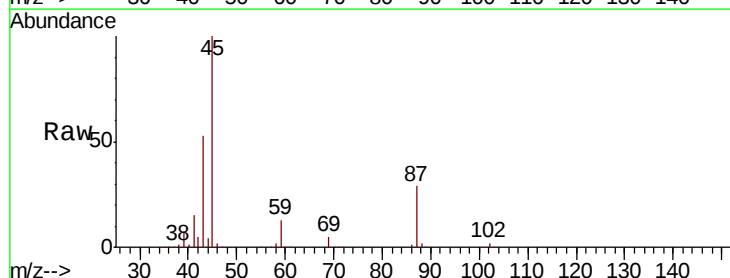
Ion Ratio Lower Upper

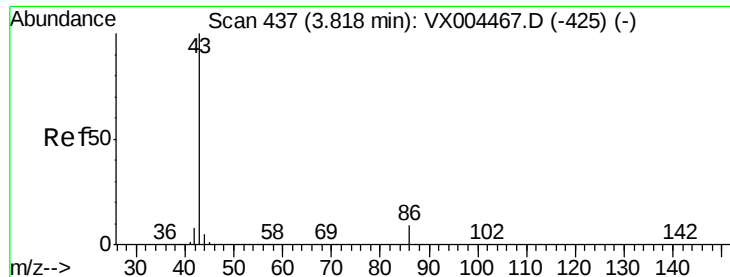
45 100

43 52.8 42.8 64.2

87 28.5 22.6 34.0

59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 91.306 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

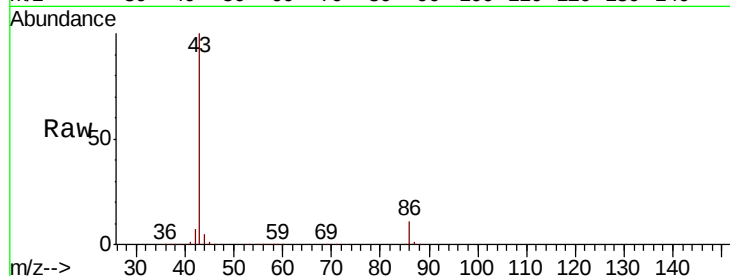
VX0918WBSD02

Tgt Ion: 43 Resp: 775314

Ion Ratio Lower Upper

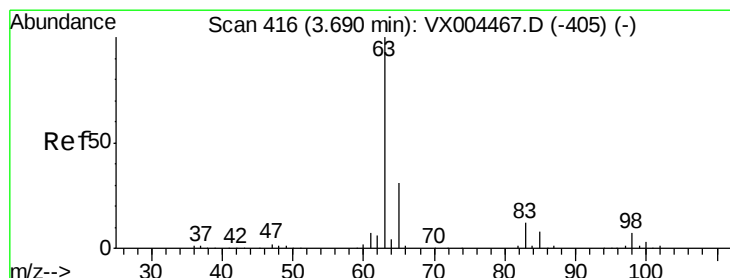
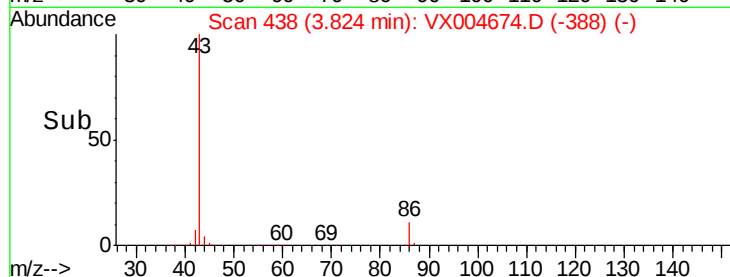
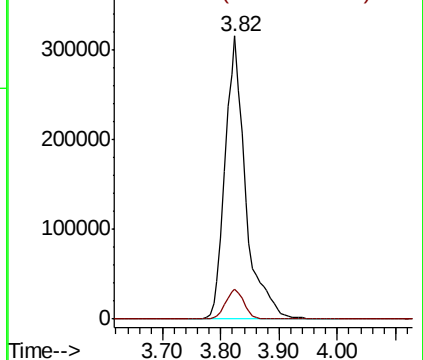
43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.641 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

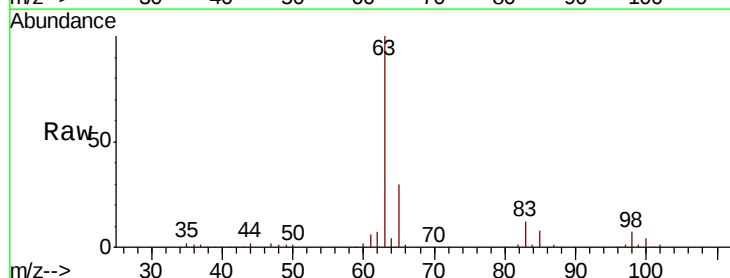
Tgt Ion: 63 Resp: 110434

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

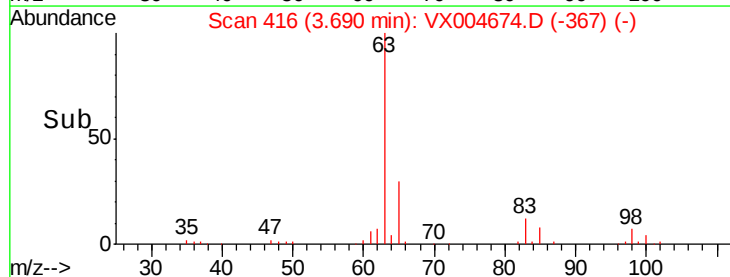
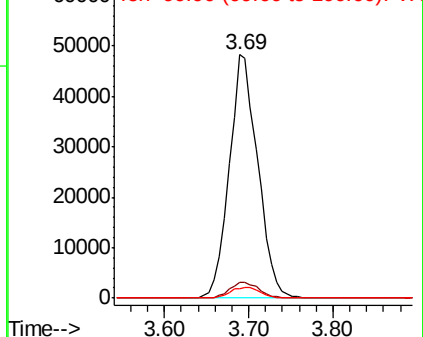
100 3.7 2.4 7.1

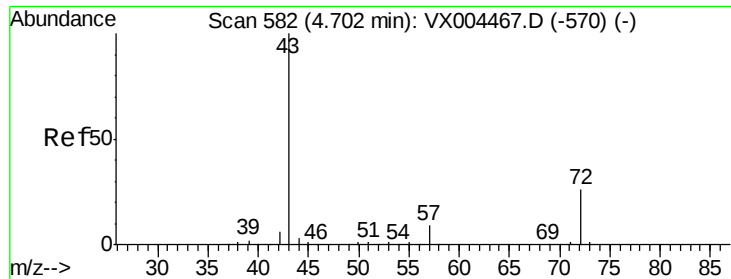


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.381 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

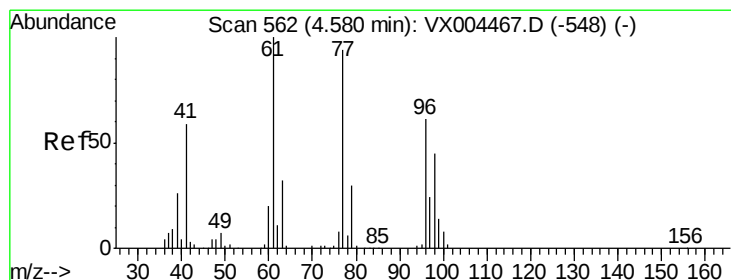
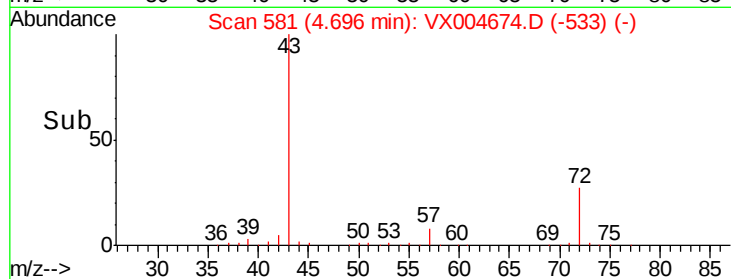
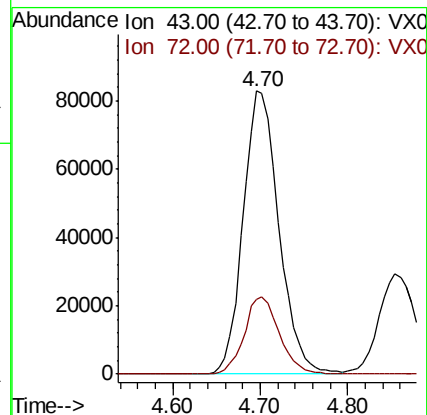
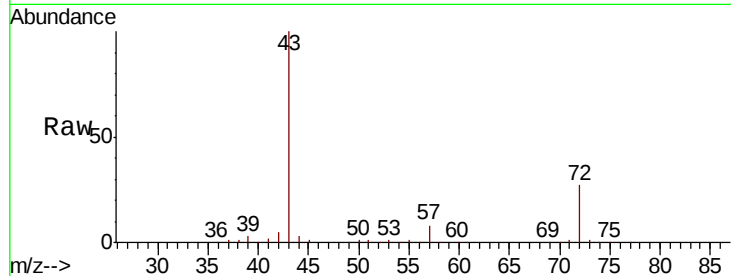
VX0918WBSD02

Tgt Ion: 43 Resp: 234646

Ion Ratio Lower Upper

43 100

72 26.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 16.060 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004674.D

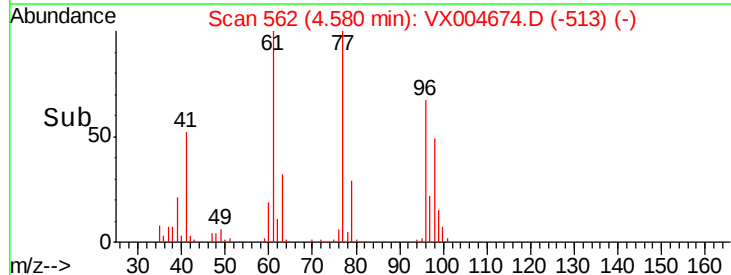
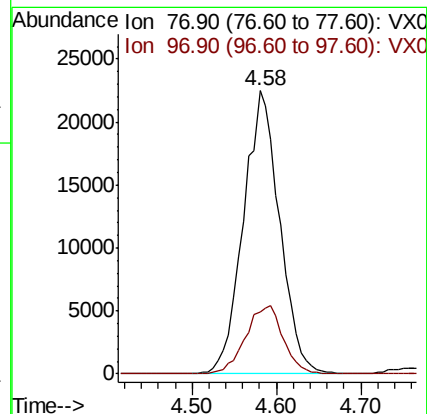
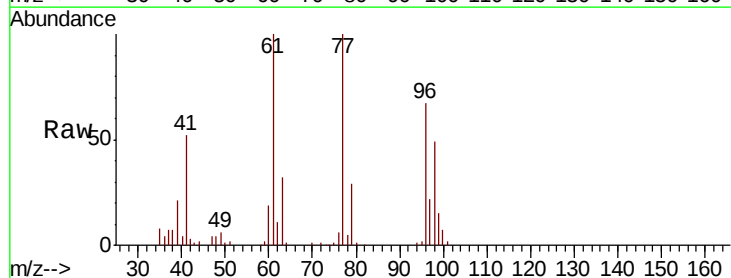
Acq: 18 Sep 2018 23:23

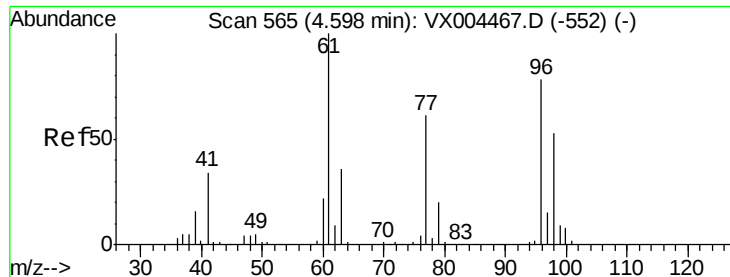
Tgt Ion: 77 Resp: 65345

Ion Ratio Lower Upper

77 100

97 25.1 11.7 35.0



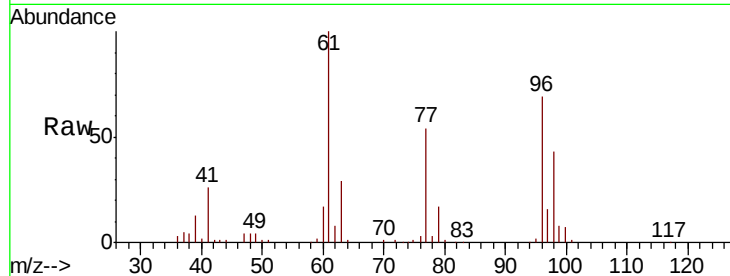


#27

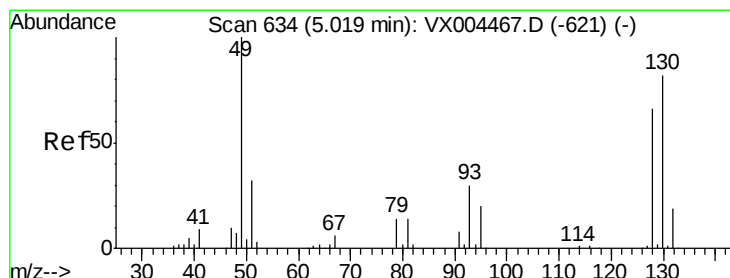
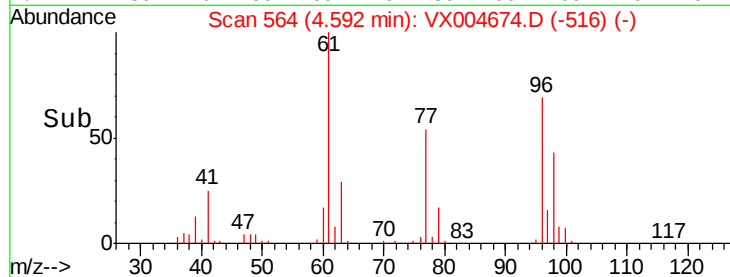
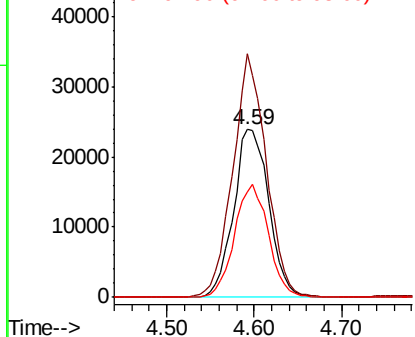
cis-1,2-Dichloroethene
Concen: 19.156 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tgt Ion: 96 Resp: 66963
Ion Ratio Lower Upper
96 100
61 138.0 0.0 282.6
98 65.0 0.0 130.2



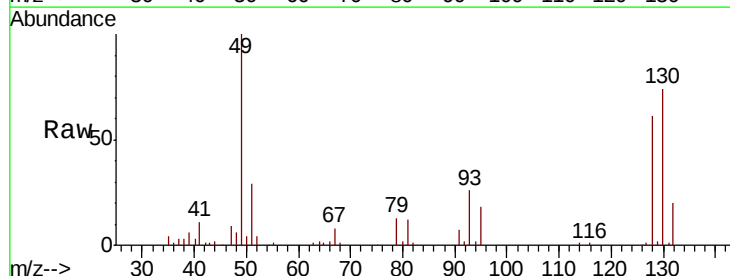
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



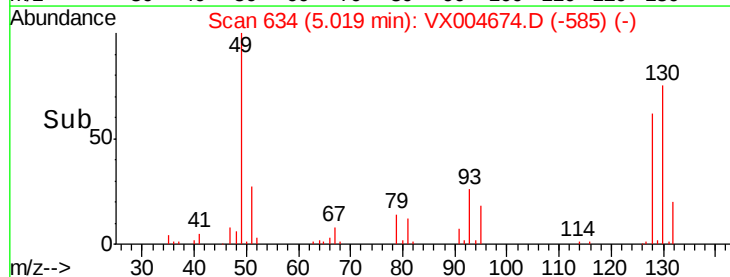
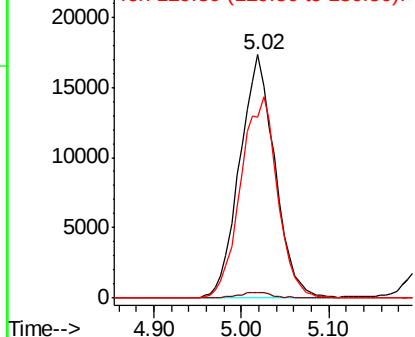
#28

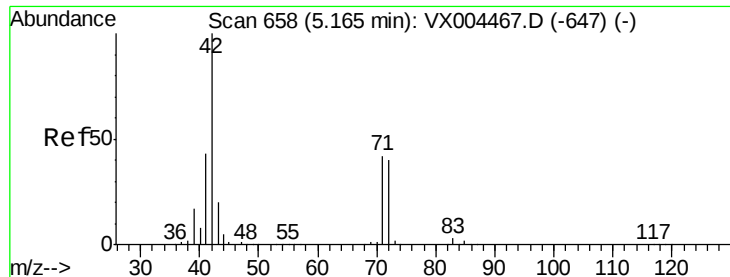
Bromochloromethane
Concen: 17.936 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 49 Resp: 48604
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 86.2 67.5 101.3



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: 91.306 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

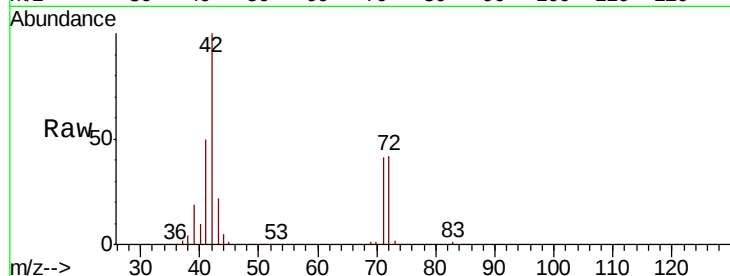
Tgt Ion: 42 Resp: 149575

Ion Ratio Lower Upper

42 100

72 46.4 37.4 56.0

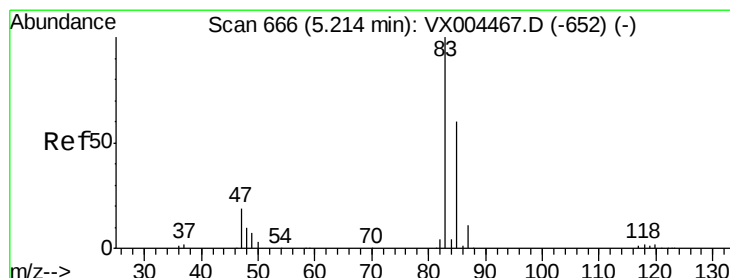
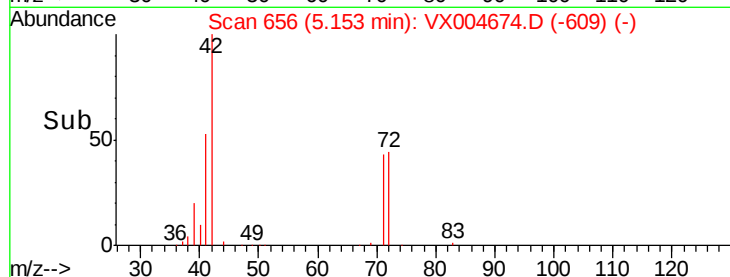
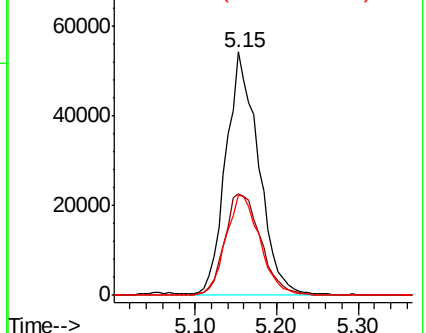
71 43.3 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.843 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004674.D

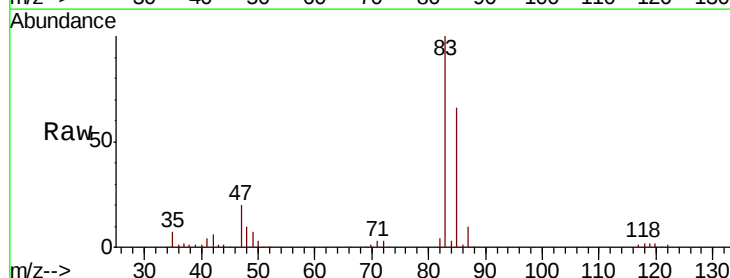
Acq: 18 Sep 2018 23:23

Tgt Ion: 83 Resp: 108983

Ion Ratio Lower Upper

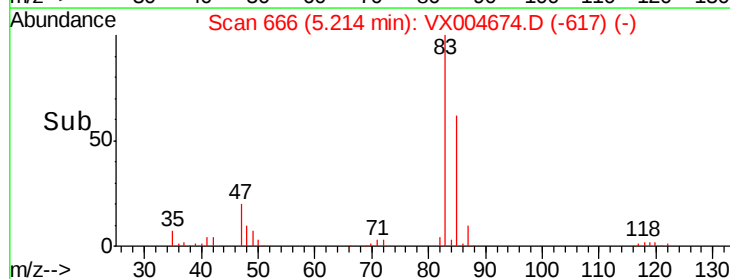
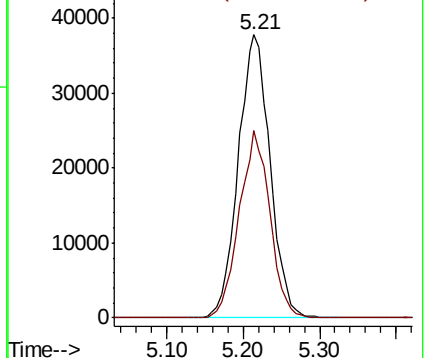
83 100

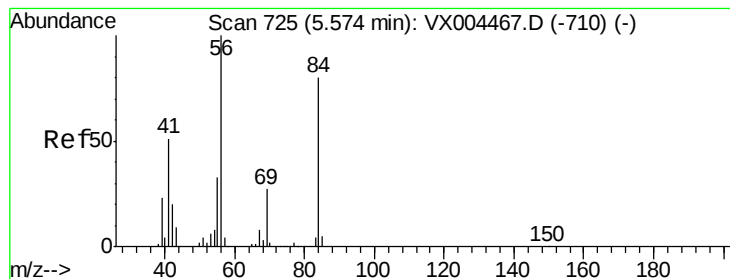
85 66.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.709 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

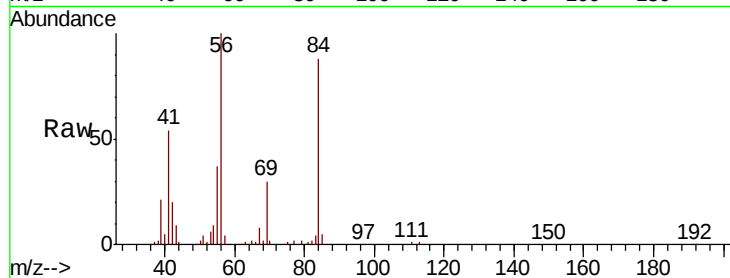
Tgt Ion: 56 Resp: 94641

Ion Ratio Lower Upper

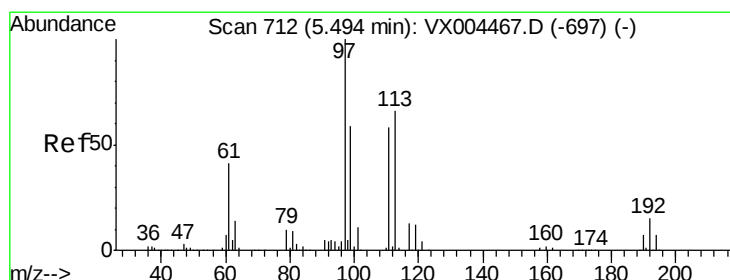
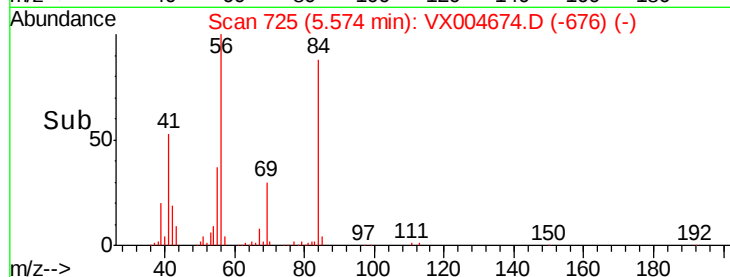
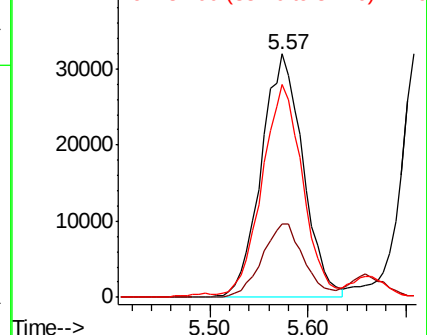
56 100

69 30.4 25.4 38.2

84 86.6 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 18.715 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

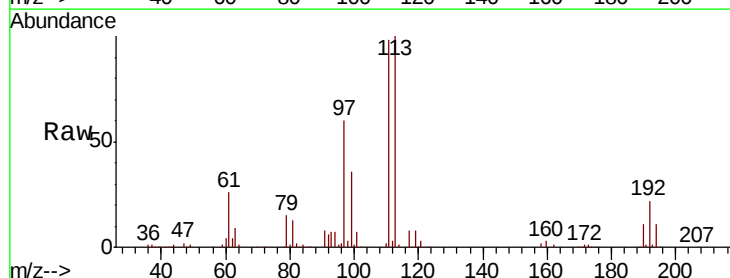
Tgt Ion: 97 Resp: 87181

Ion Ratio Lower Upper

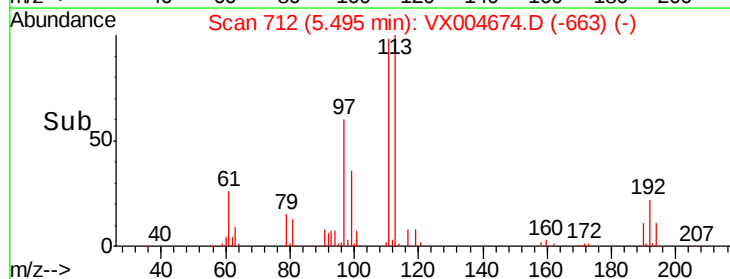
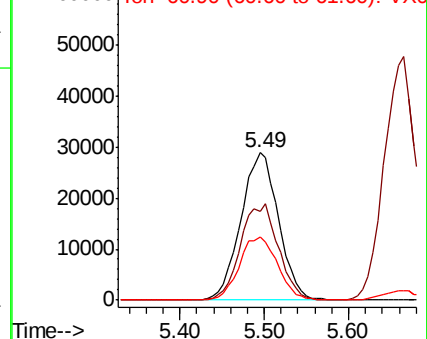
97 100

99 66.0 52.0 78.0

61 43.6 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 45.059 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

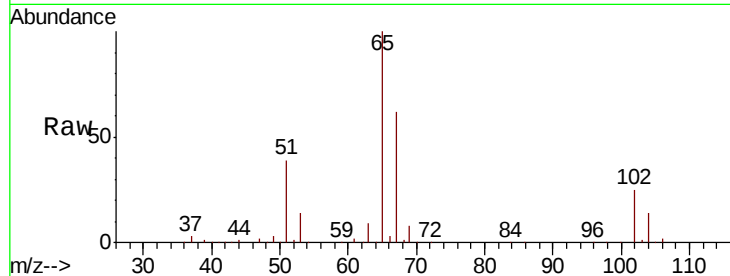
VX0918WBSD02

Tgt Ion: 65 Resp: 157571

Ion Ratio Lower Upper

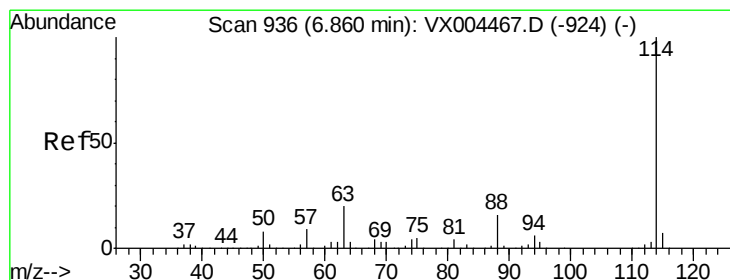
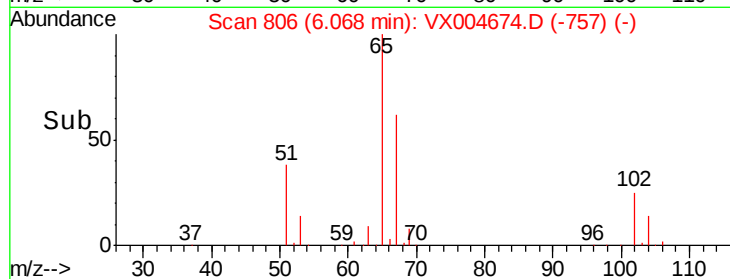
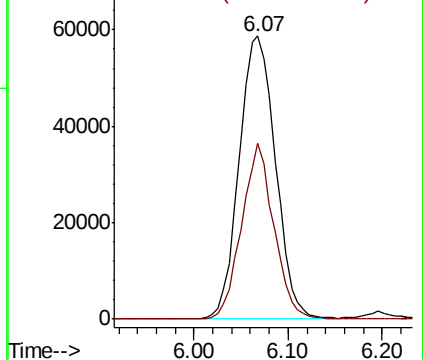
65 100

67 55.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

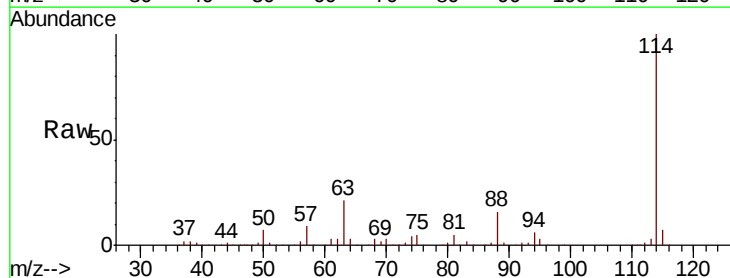
Tgt Ion: 114 Resp: 361816

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

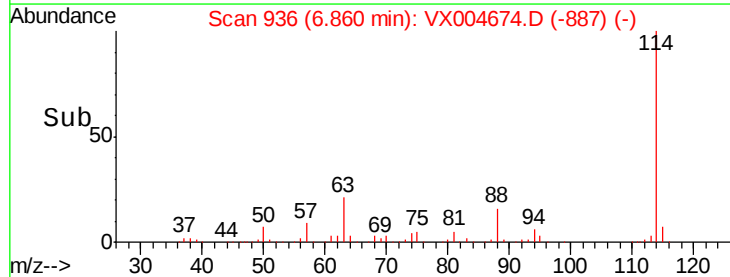
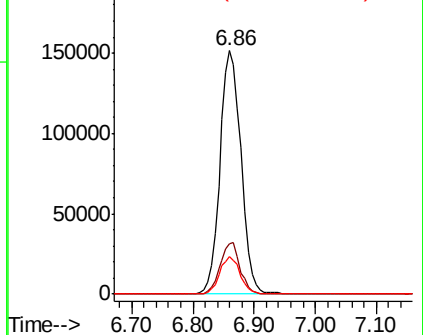
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

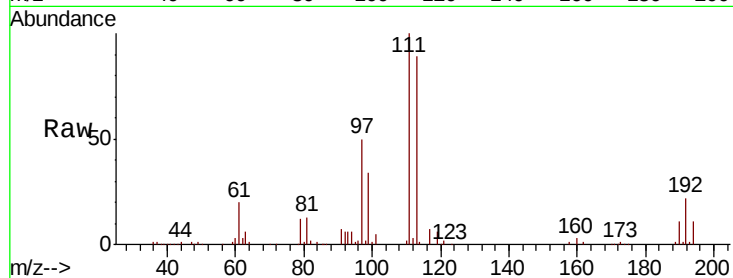




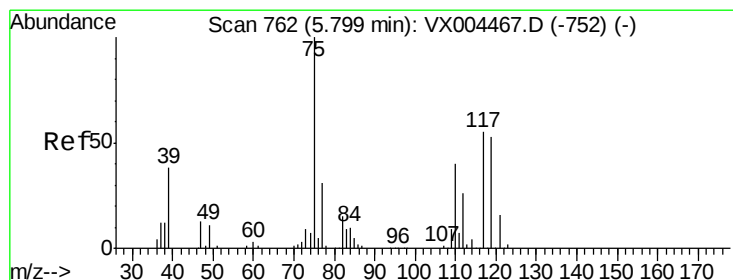
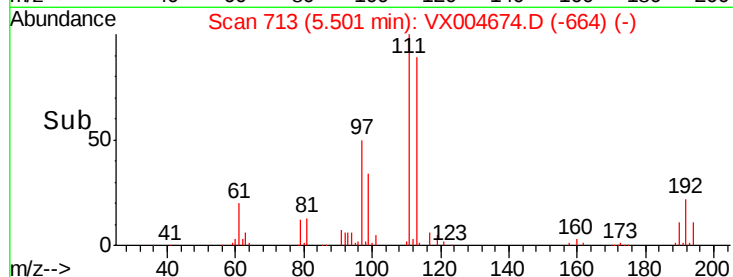
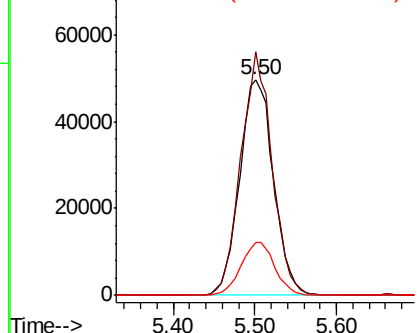
#35
 Dibromofluoromethane
 Concen: 43.239 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tgt Ion: 113 Resp: 143162
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 24.4 19.4 29.2

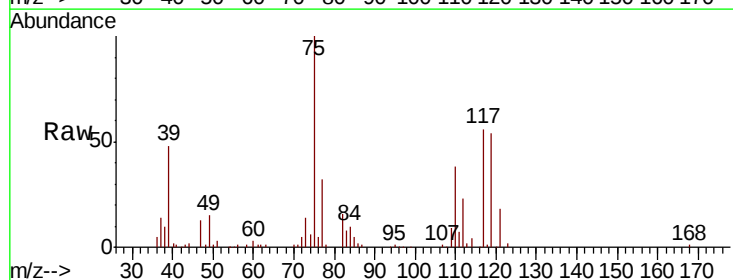


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

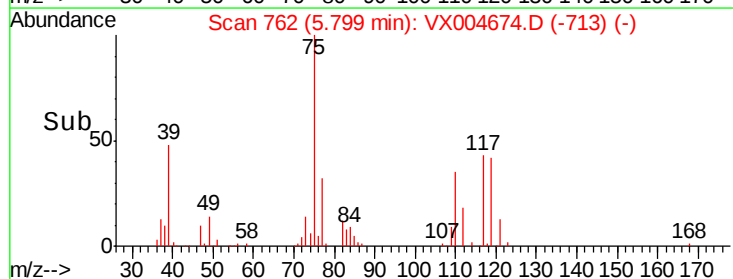
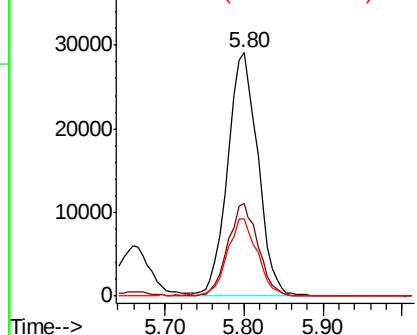


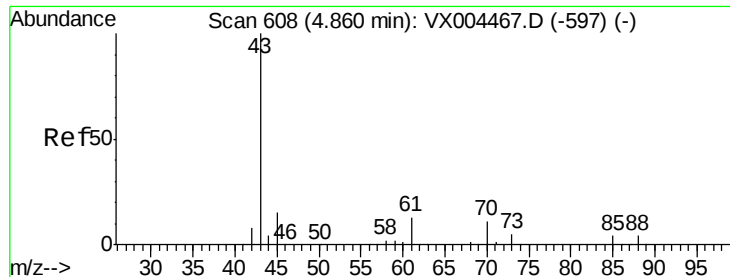
#36
 1,1-Dichloropropene
 Concen: 17.765 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion: 75 Resp: 78035
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.0 54.0
 77 31.3 24.6 36.8



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

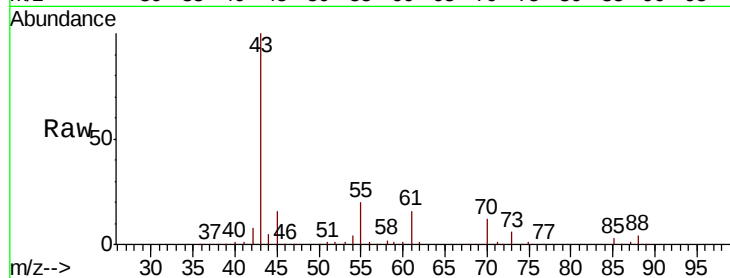




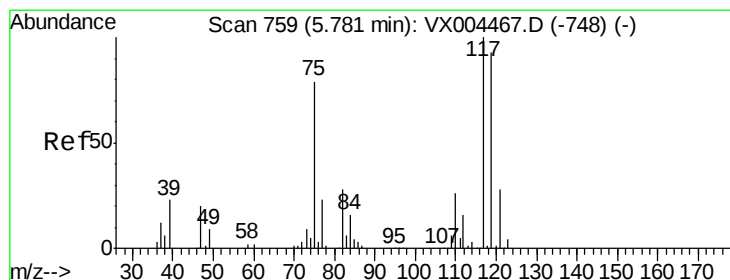
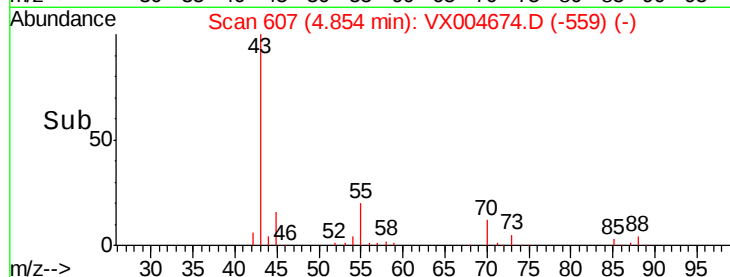
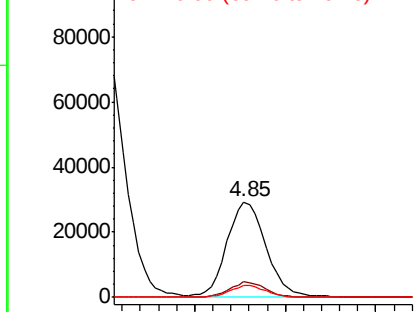
#37
 Ethyl Acetate
 Concen: 17.352 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0918WBSD02

Tgt Ion: 43 Resp: 86690
 Ion Ratio Lower Upper
 43 100
 61 15.2 11.5 17.3
 70 11.6 9.0 13.6

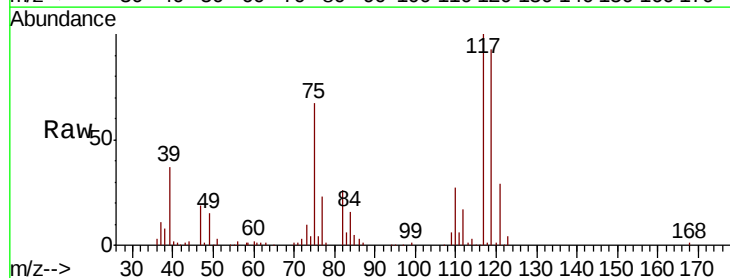


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

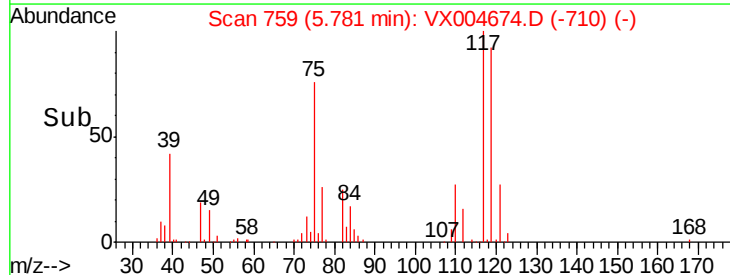
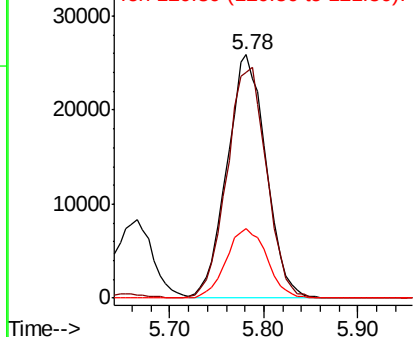


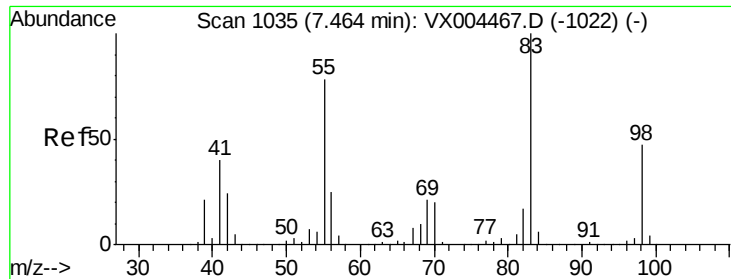
#38
 Carbon Tetrachloride
 Concen: 17.429 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion: 117 Resp: 74777
 Ion Ratio Lower Upper
 117 100
 119 92.7 78.8 118.2
 121 28.5 24.9 37.3



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

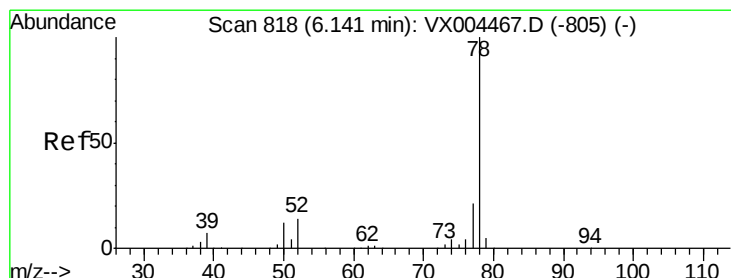
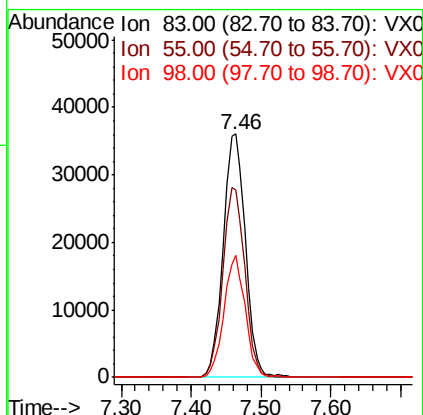
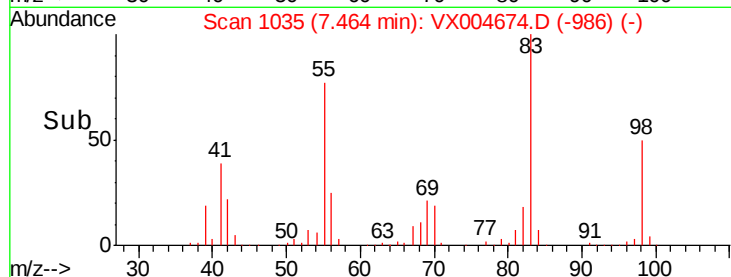
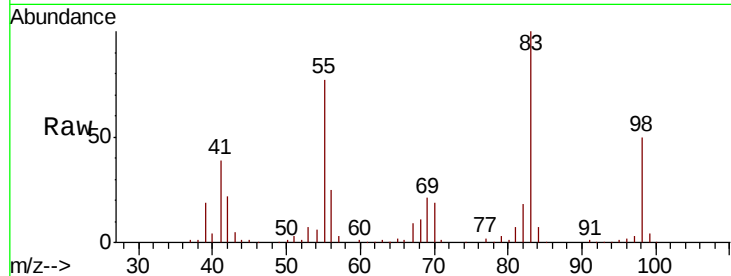




#39
Methylcyclohexane
Concen: 17.413 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

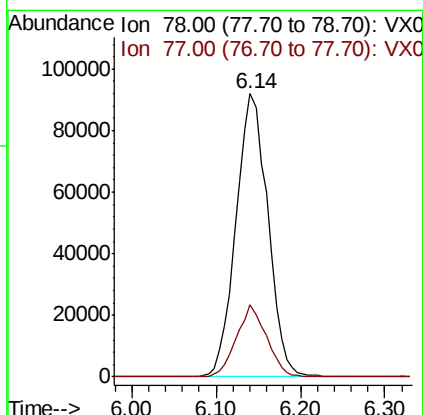
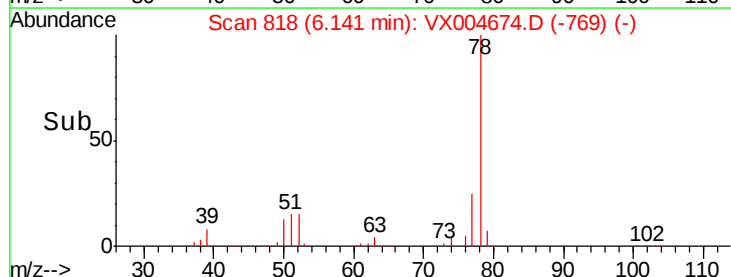
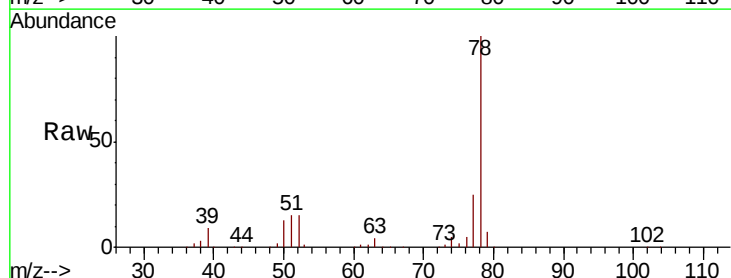
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tgt Ion: 83 Resp: 79818
Ion Ratio Lower Upper
83 100
55 76.8 61.0 91.4
98 50.3 39.6 59.4



#40
Benzene
Concen: 18.021 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 78 Resp: 234866
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.4

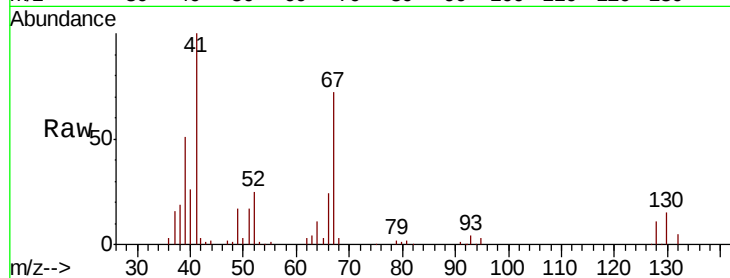




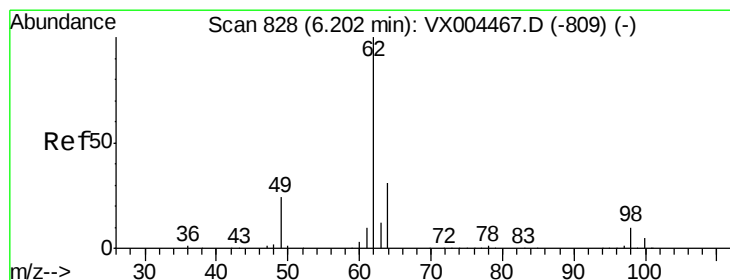
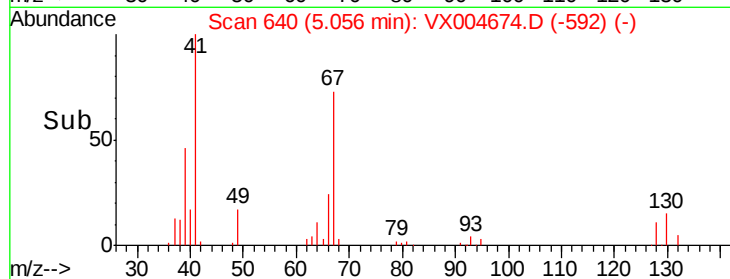
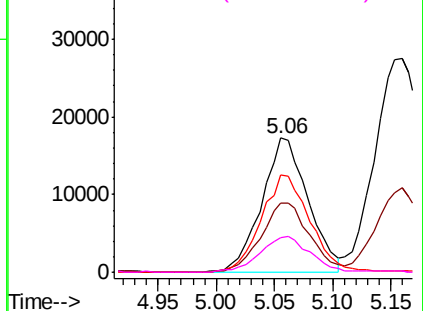
#41
Methacrylonitrile
Concen: 17.340 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tgt Ion:	41	Resp:	47730
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.4	63.6
67	76.5	59.2	88.8
52	28.7	23.0	34.4

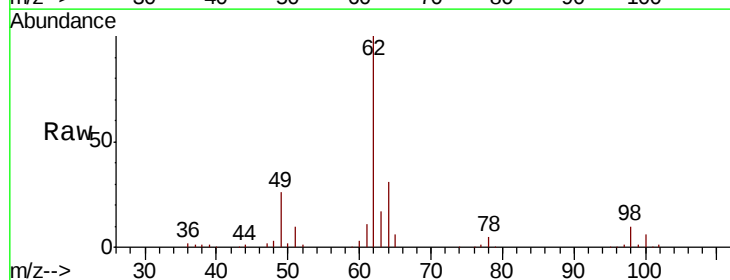


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

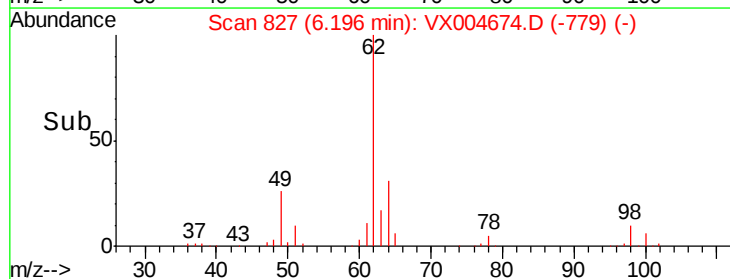
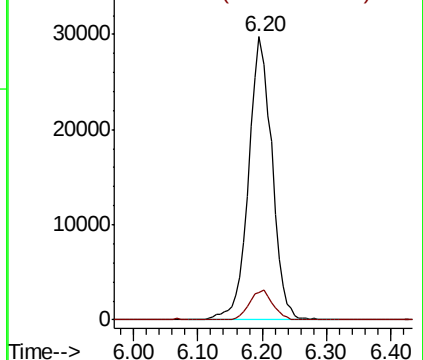


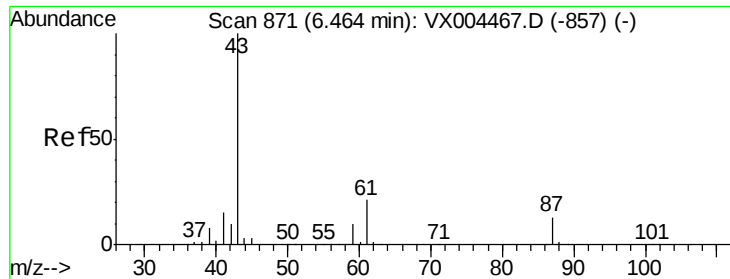
#42
1,2-Dichloroethane
Concen: 17.034 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion:	62	Resp:	73634
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 17.385 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

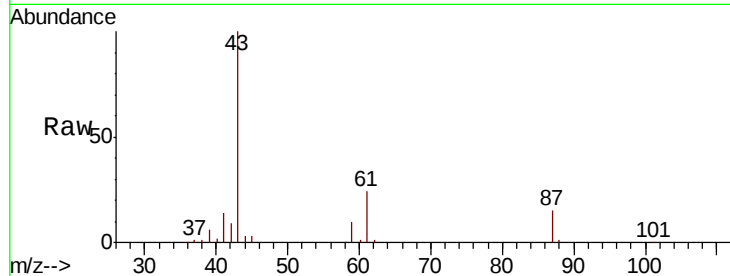
Tgt Ion: 43 Resp: 115361

Ion Ratio Lower Upper

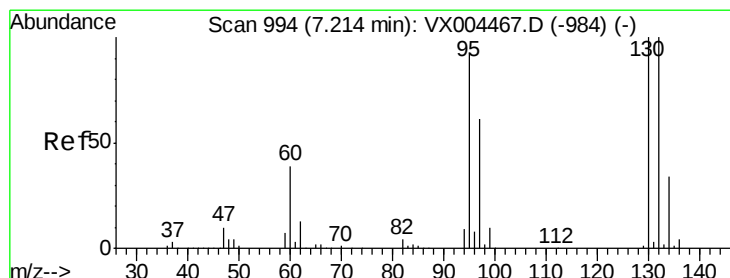
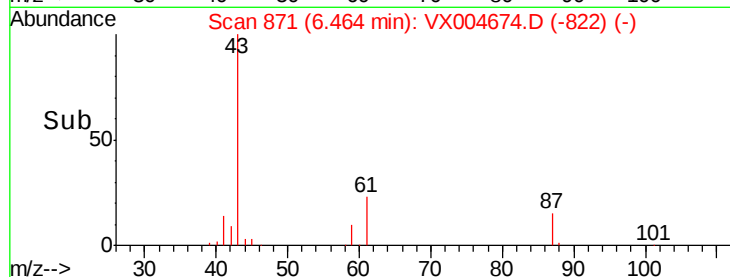
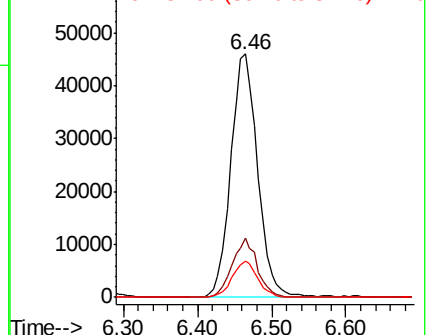
43 100

61 22.9 17.0 25.4

87 14.2 11.4 17.2



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: 19.614 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX004674.D

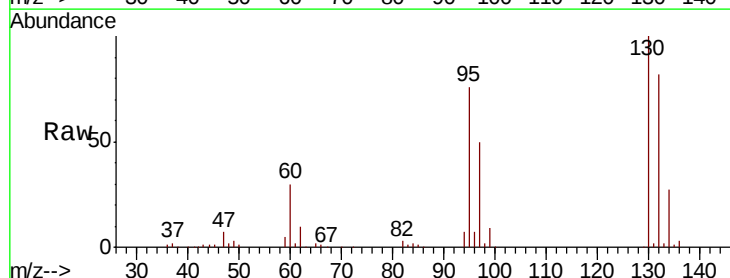
Acq: 18 Sep 2018 23:23

Tgt Ion: 130 Resp: 66414

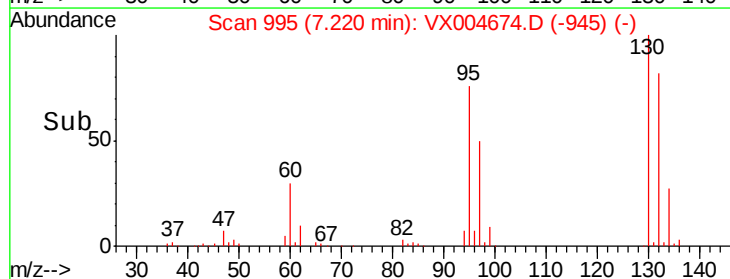
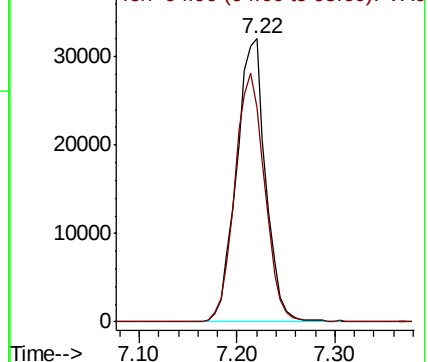
Ion Ratio Lower Upper

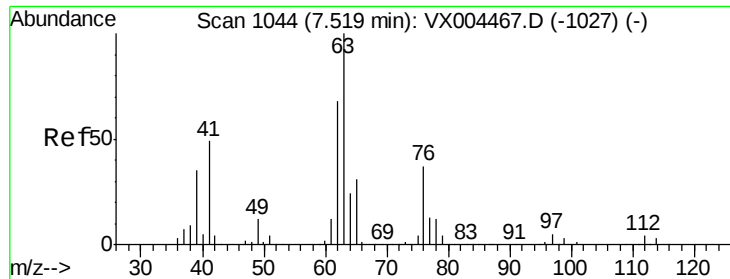
130 100

95 75.5 0.0 181.6



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

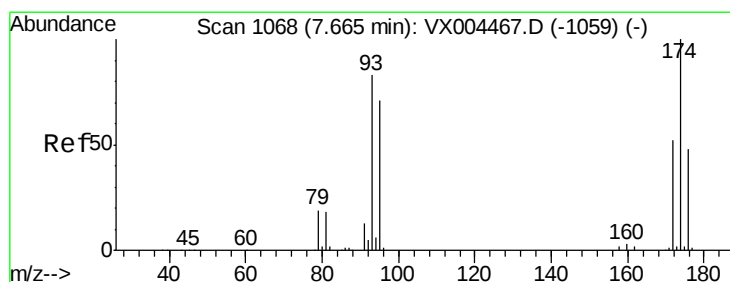
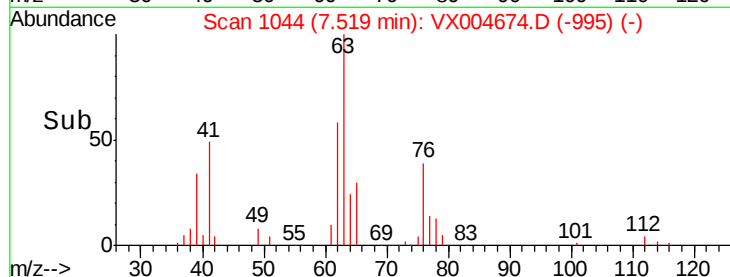
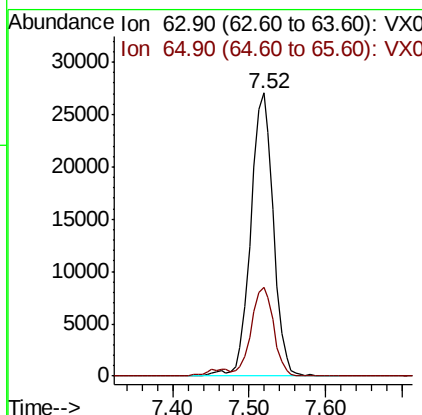
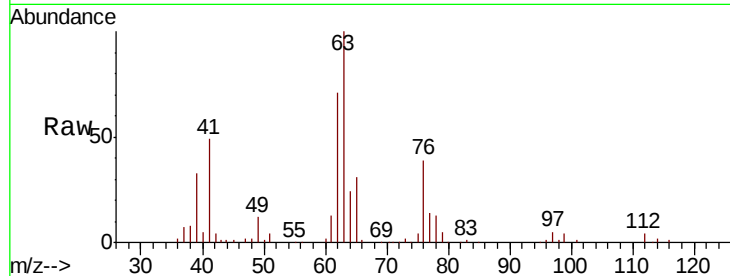




#45
 1,2-Dichloropropane
 Concen: 17.824 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

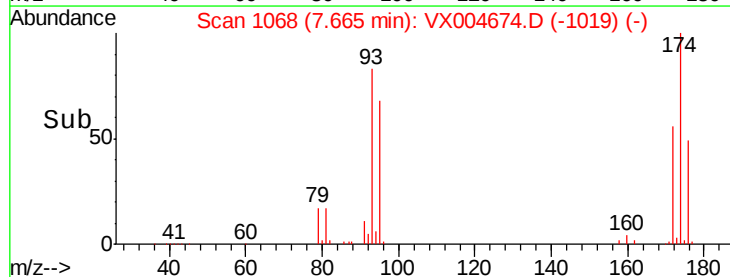
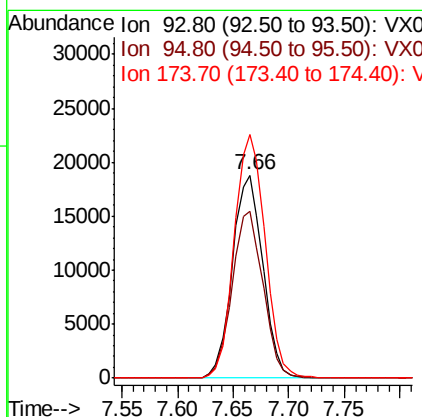
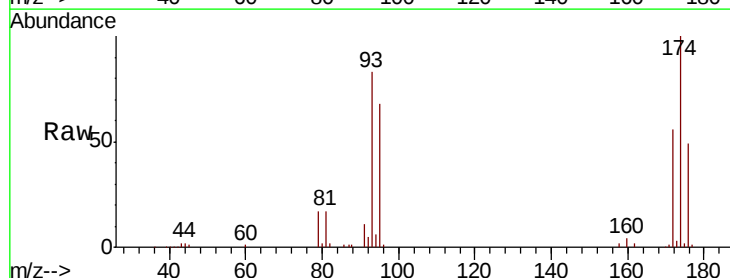
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tgt Ion: 63 Resp: 55897
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.3 36.5



#46
 Dibromomethane
 Concen: 18.024 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion: 93 Resp: 35710
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.5 98.3
 174 121.5 94.2 141.4





#47

Bromodichloromethane

Concen: 17.416 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

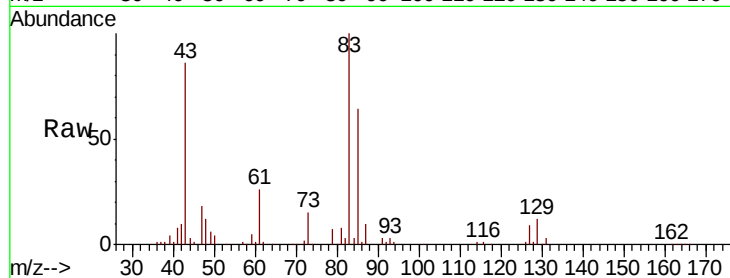
Tgt Ion: 83 Resp: 65252

Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3

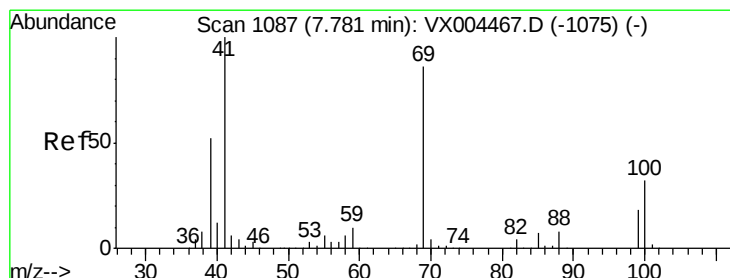
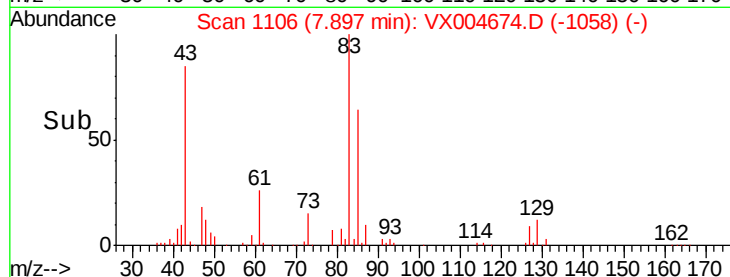
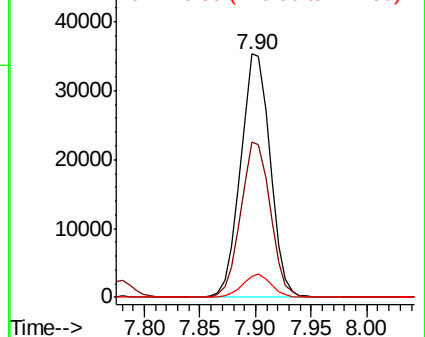
127 8.8 7.3 10.9



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: 17.620 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

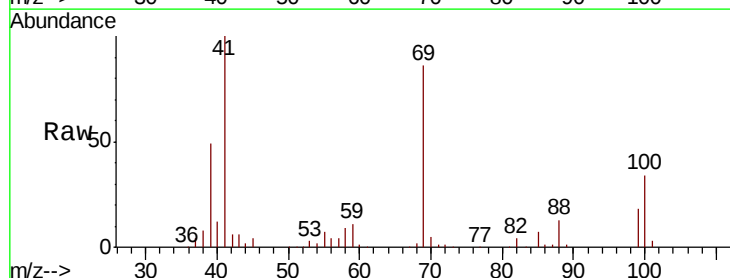
Tgt Ion: 41 Resp: 57862

Ion Ratio Lower Upper

41 100

69 90.0 70.2 105.4

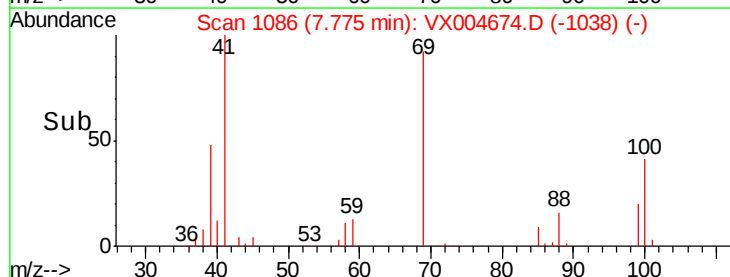
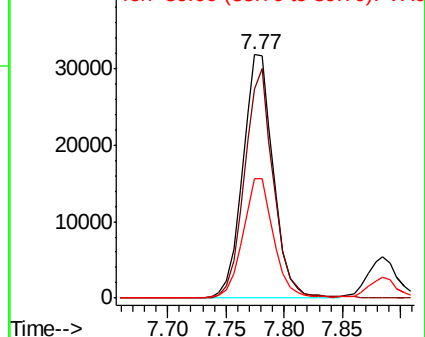
39 49.7 42.7 64.1

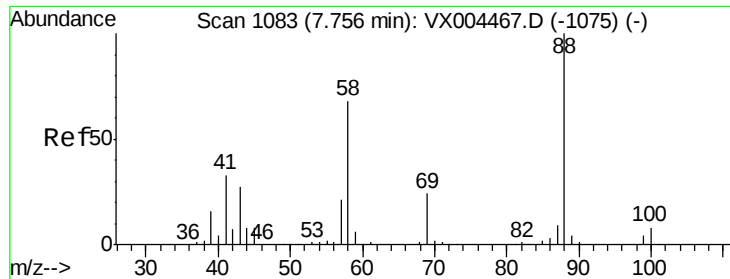


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

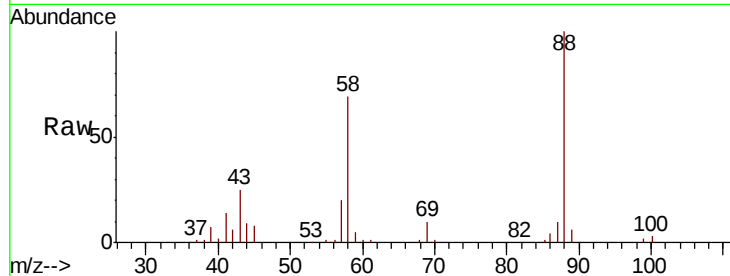




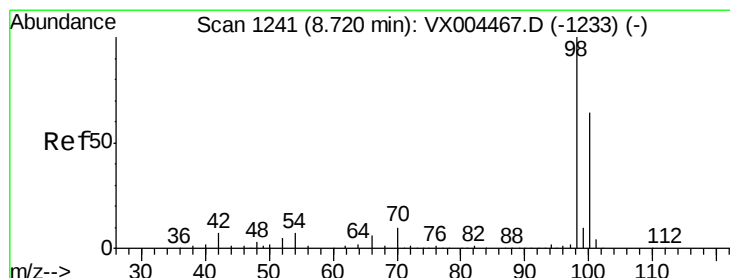
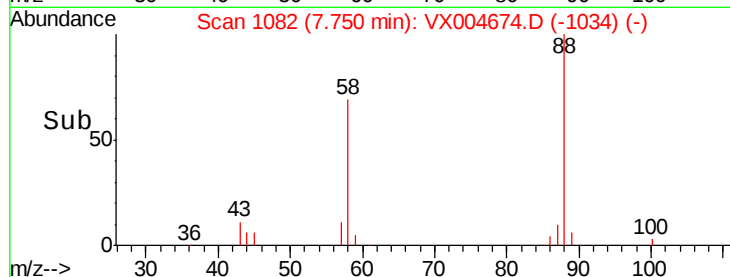
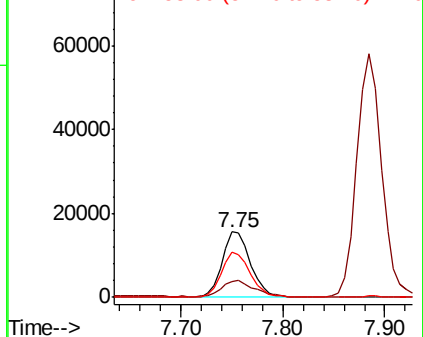
#49
1,4-Dioxane
Concen: 386.764 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tgt Ion: 88 Resp: 30061
Ion Ratio Lower Upper
88 100
43 29.2 24.7 37.1
58 69.9 55.3 82.9

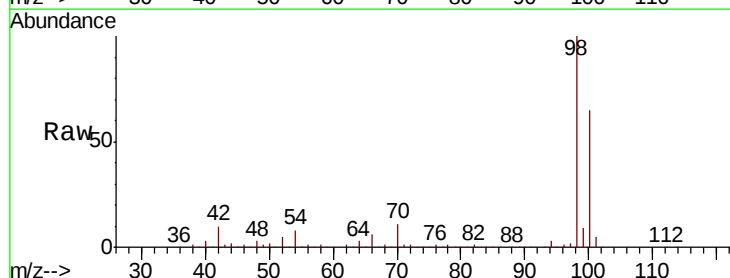


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

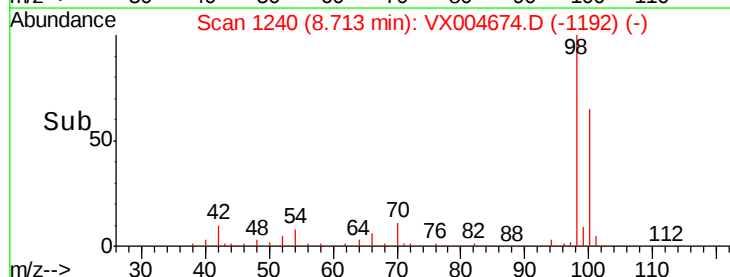
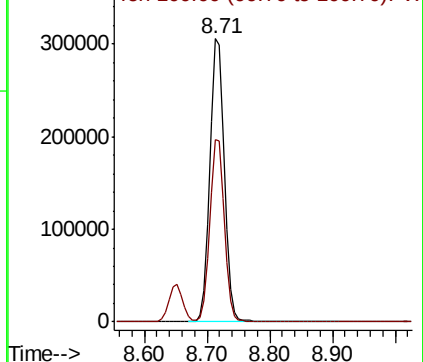


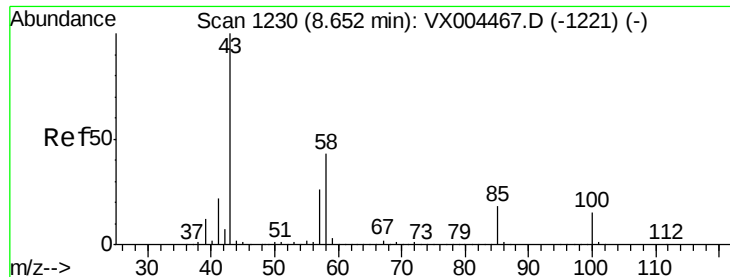
#50
Toluene-d8
Concen: 44.019 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 98 Resp: 488763
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 82.374 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

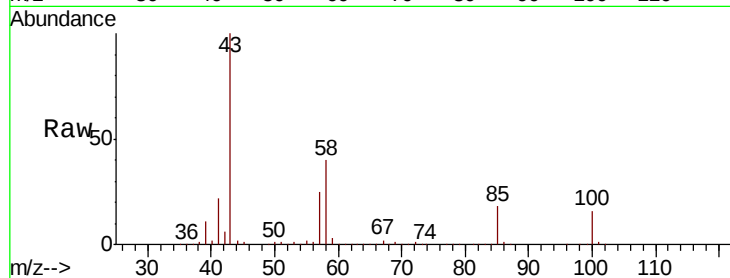
VX0918WBSD02

Tgt Ion: 43 Resp: 385738

Ion Ratio Lower Upper

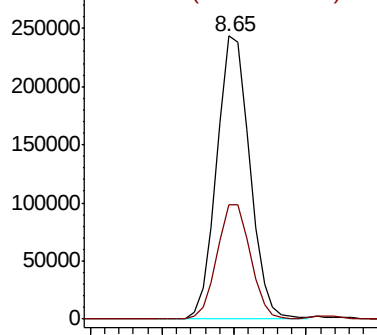
43 100

58 40.9 33.1 49.7

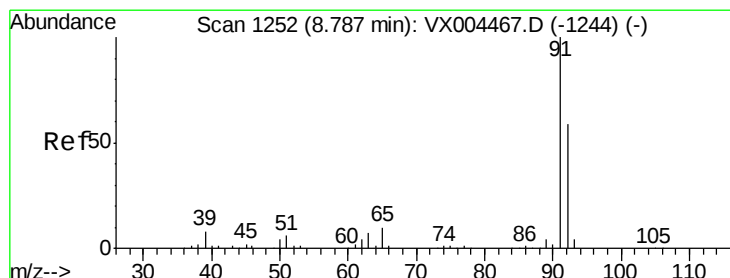
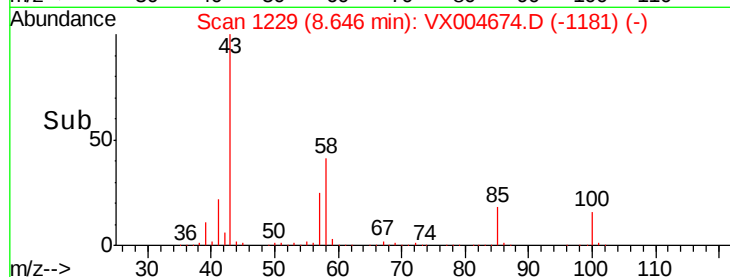


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 17.578 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004674.D

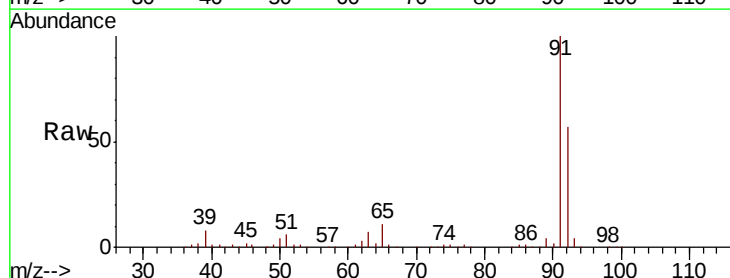
Acq: 18 Sep 2018 23:23

Tgt Ion: 92 Resp: 134977

Ion Ratio Lower Upper

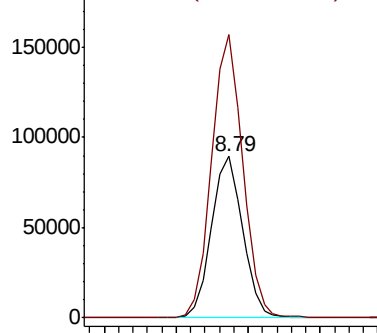
92 100

91 174.9 136.4 204.6

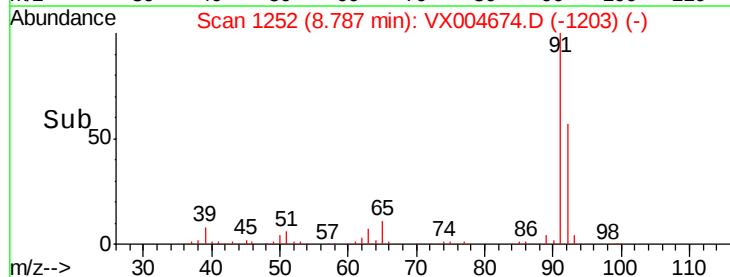


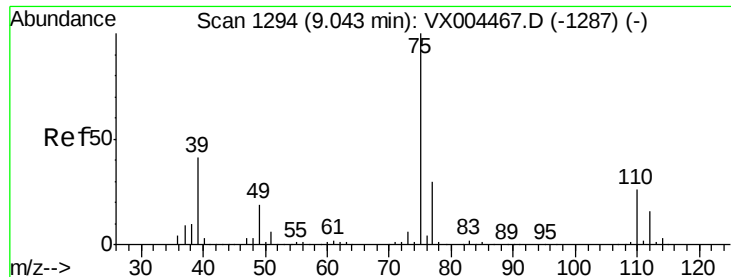
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time--> 8.70 8.75 8.80 8.85

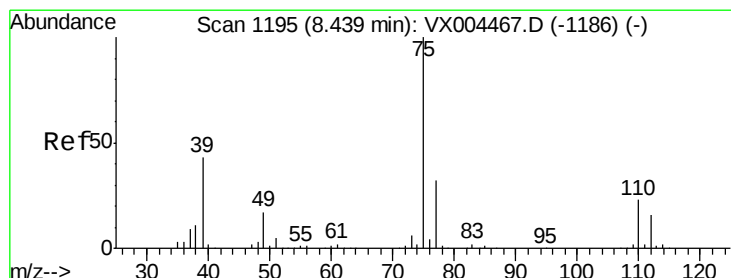
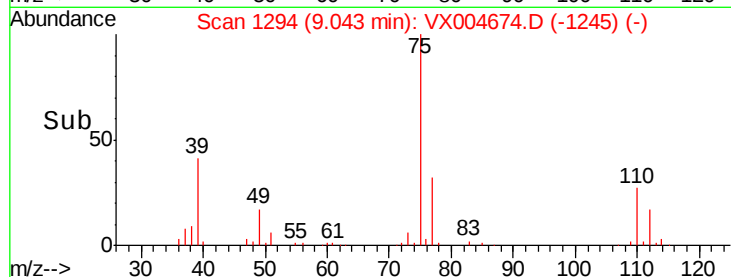
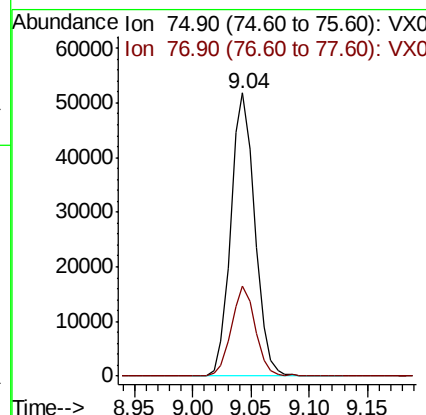
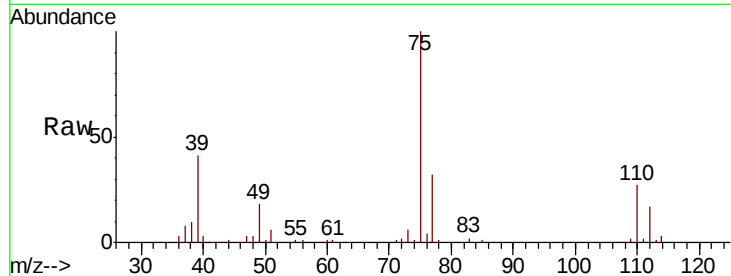




#53
 t-1,3-Dichloropropene
 Concen: 16.994 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

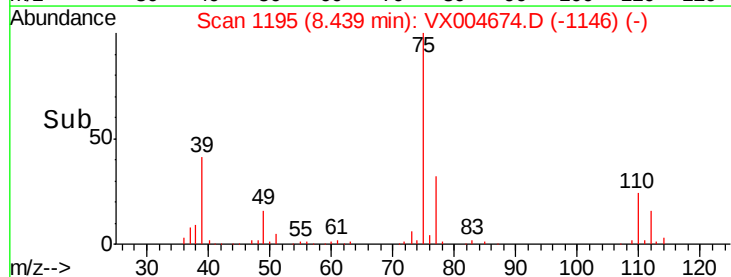
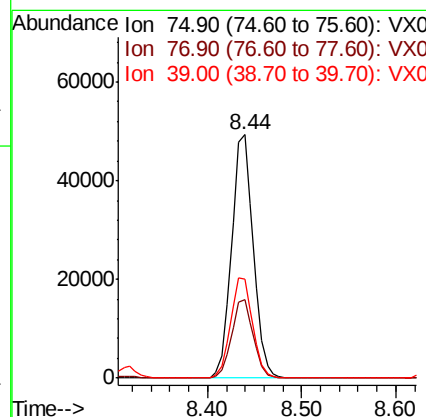
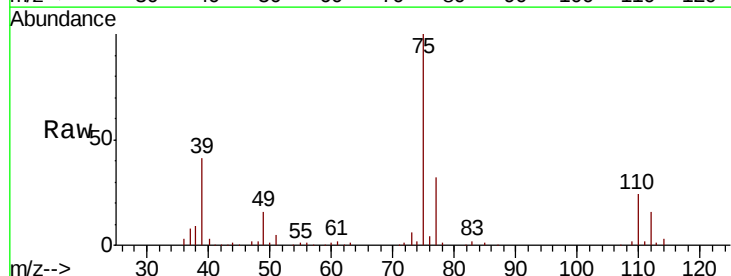
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tgt Ion: 75 Resp: 74378
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.627 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion: 75 Resp: 78643
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.2
 39 40.9 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 18.046 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tgt Ion: 97 Resp: 59665

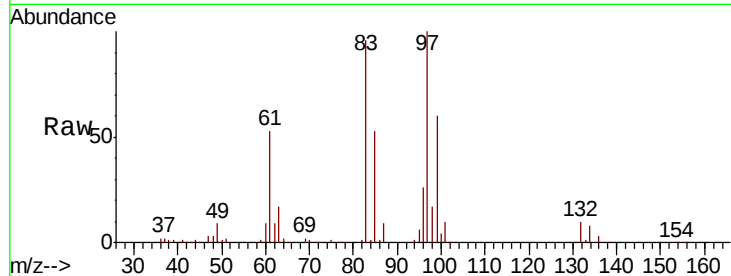
Ion Ratio Lower Upper

97 100

83 96.1 66.4 99.6

85 52.6 43.3 64.9

99 60.3 49.0 73.4



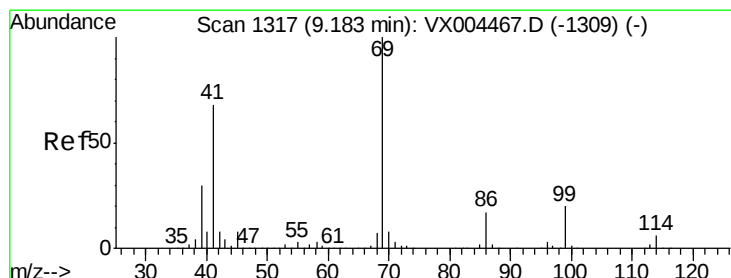
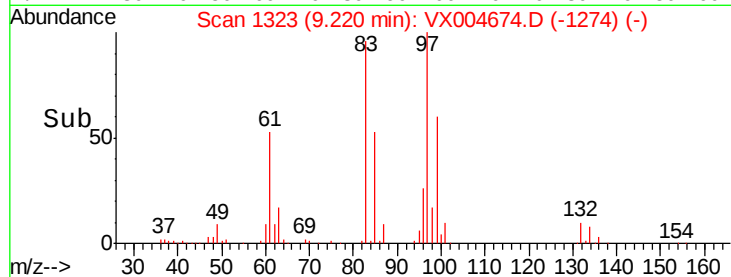
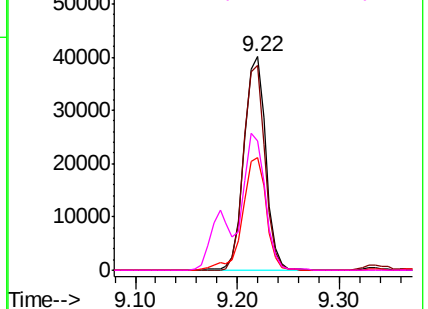
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.875 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

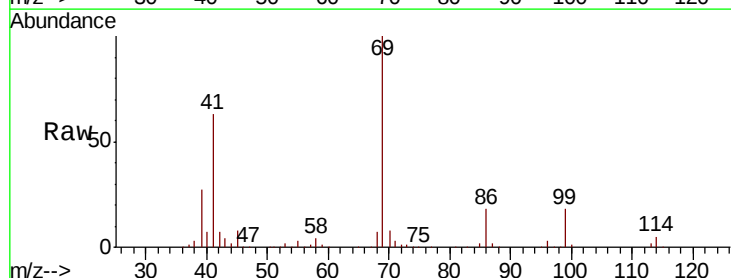
Tgt Ion: 69 Resp: 88285

Ion Ratio Lower Upper

69 100

41 62.2 51.0 76.4

39 29.1 26.1 39.1

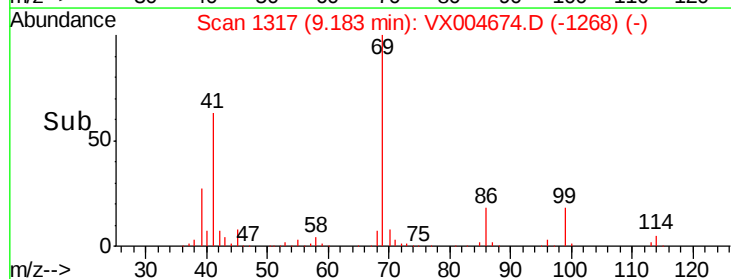
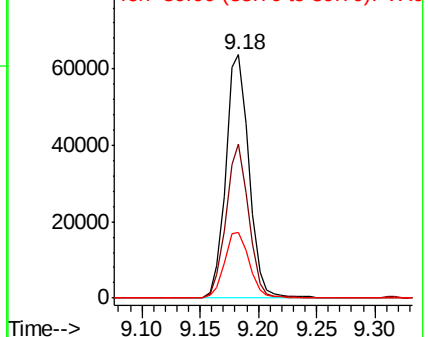


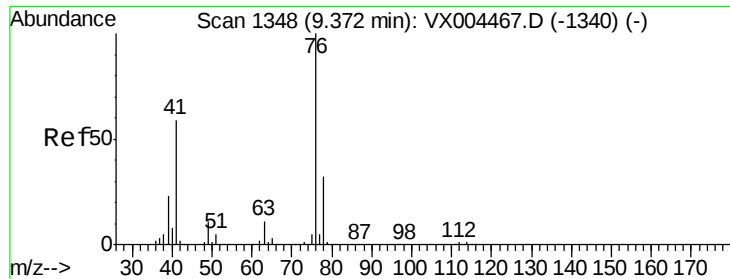
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

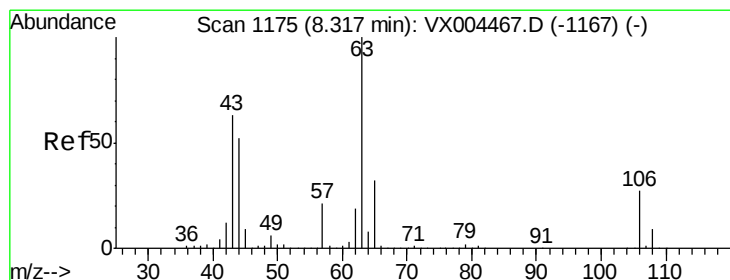
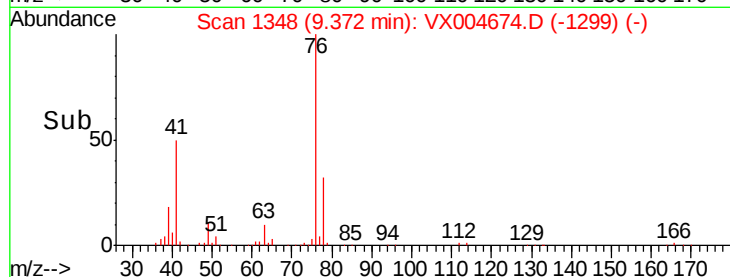
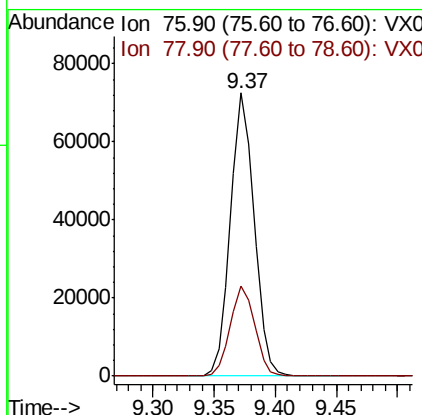
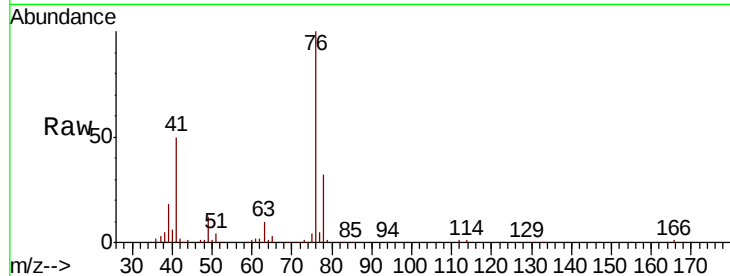




#57
 1,3-Dichloropropane
 Concen: 18.136 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

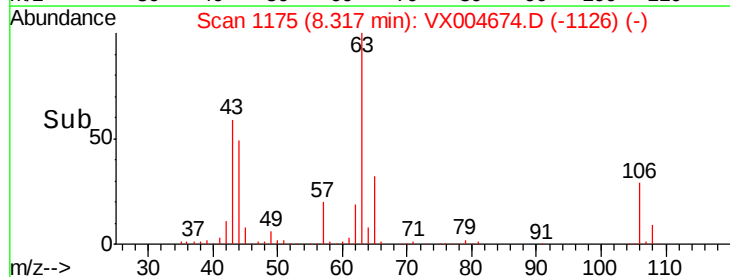
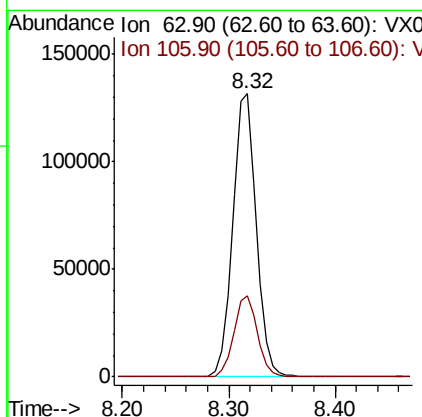
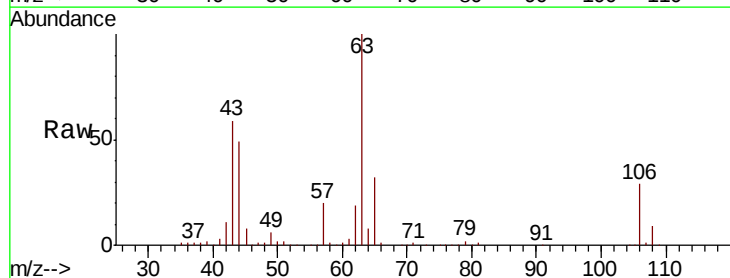
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

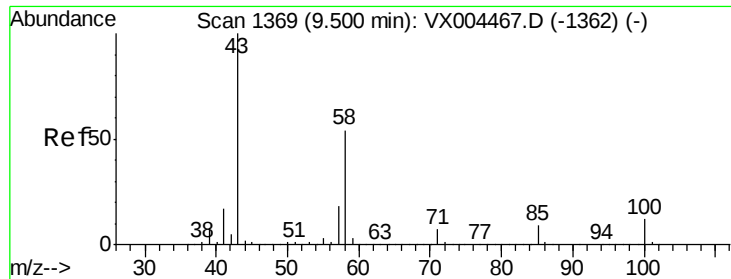
Tgt Ion: 76 Resp: 97431
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.319 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion: 63 Resp: 203837
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.9 35.9

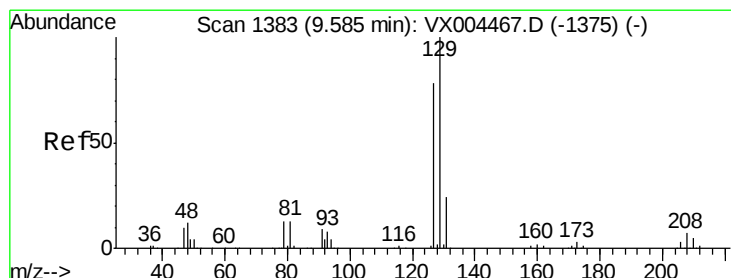
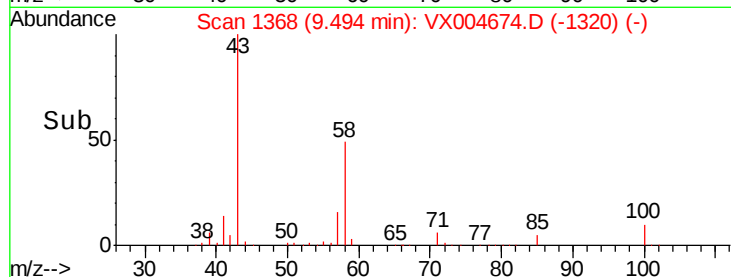
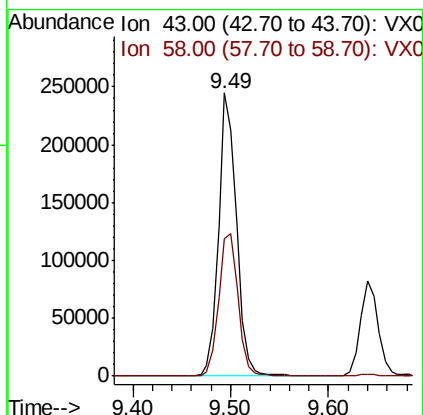
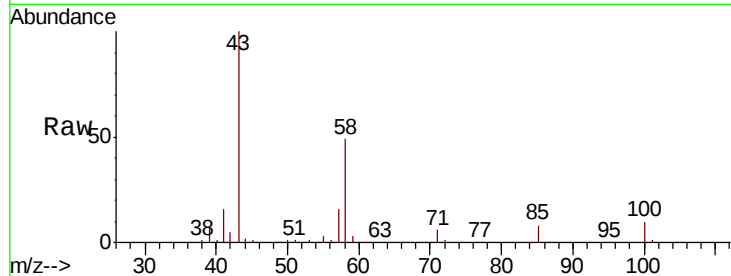




#59
2-Hexanone
Concen: 86.353 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

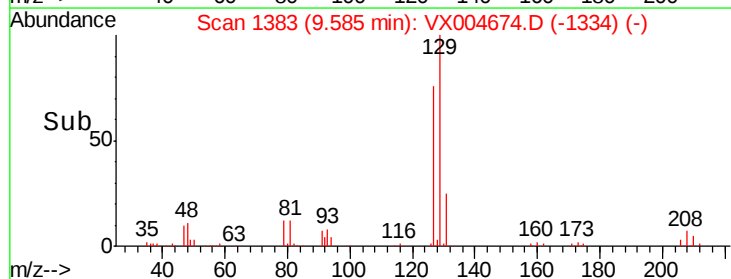
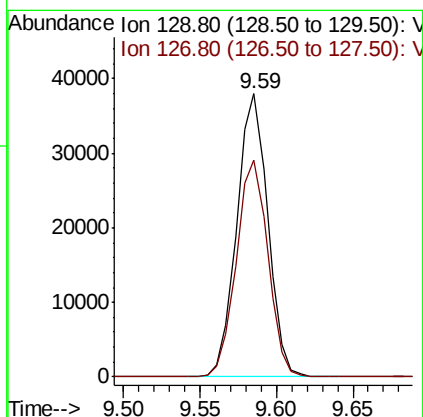
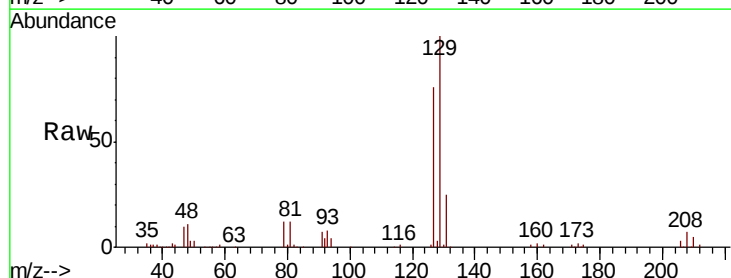
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

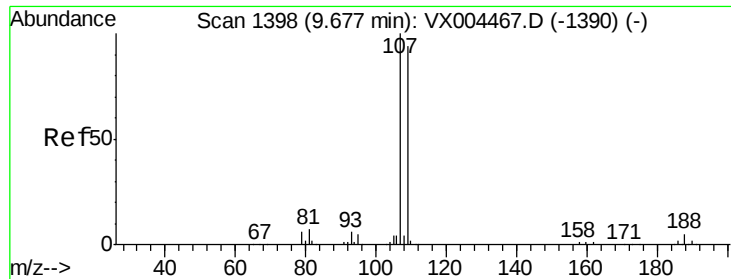
Tgt Ion: 43 Resp: 310164
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0



#60
Dibromochloromethane
Concen: 17.162 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 129 Resp: 53420
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.065 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

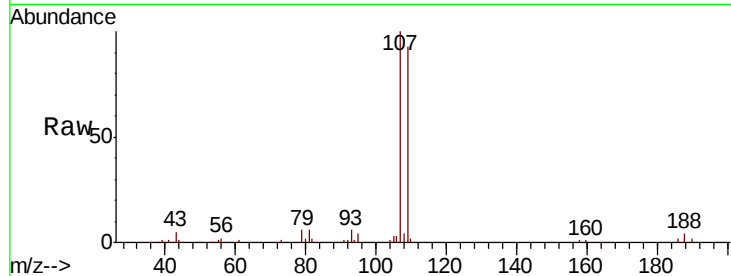
VX0918WBSD02

Tgt Ion:107 Resp: 57057

Ion Ratio Lower Upper

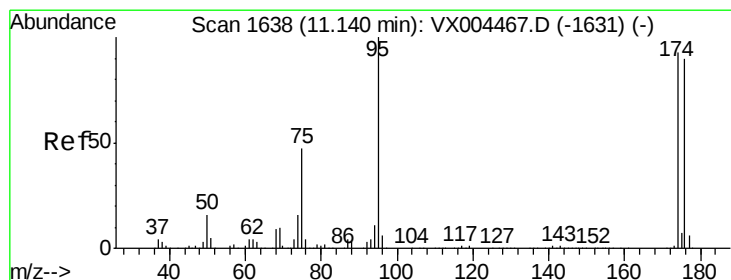
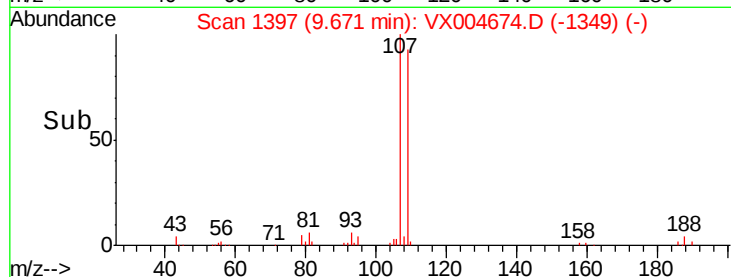
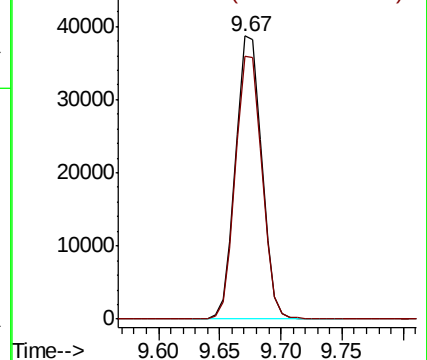
107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.615 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

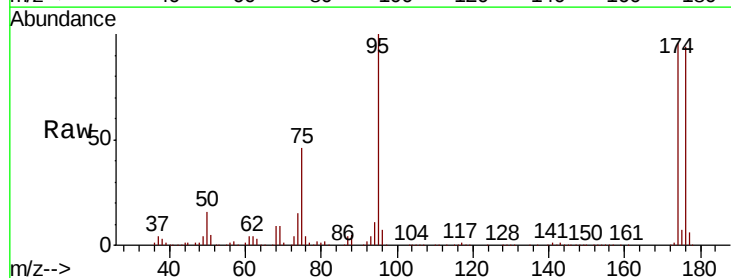
Tgt Ion: 95 Resp: 176828

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

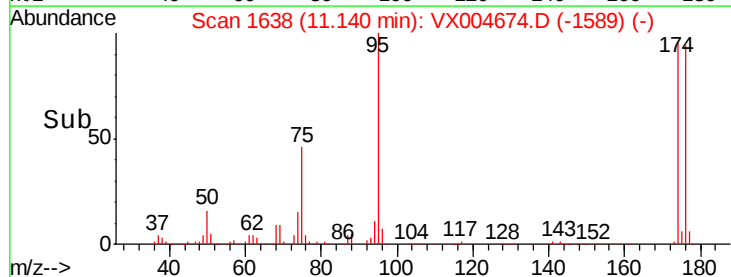
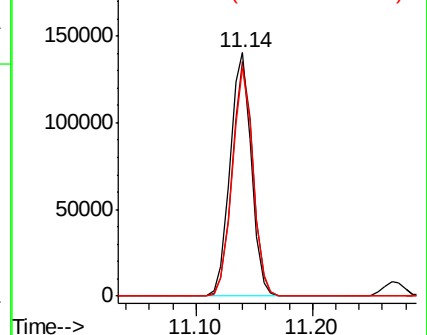
176 91.9 0.0 178.6



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

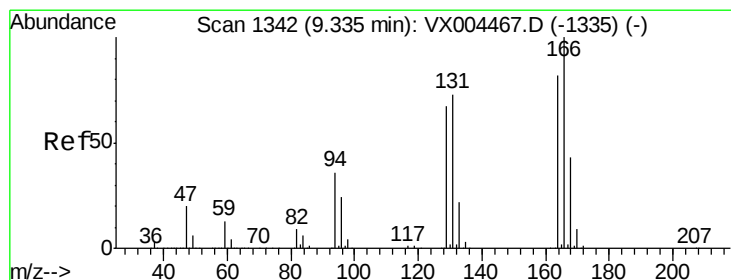
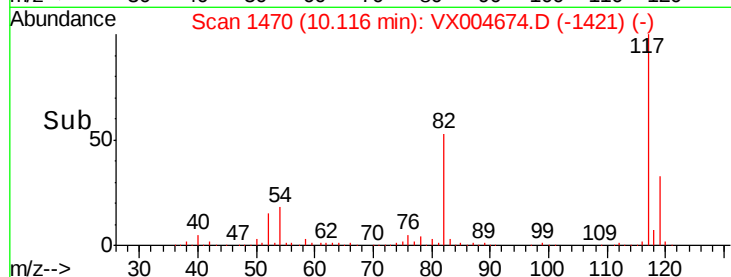
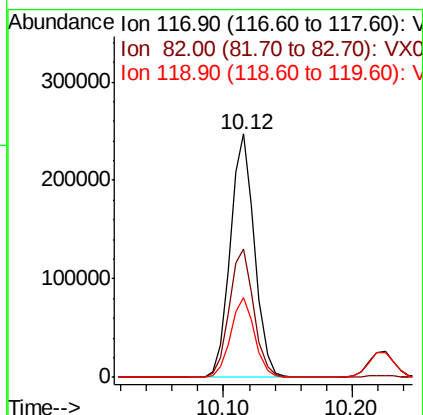
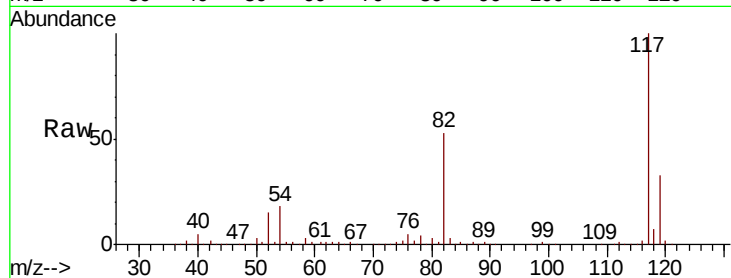




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

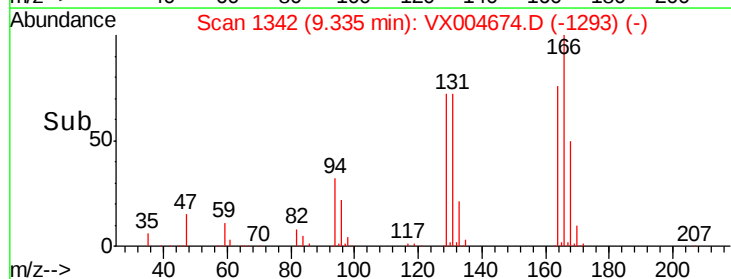
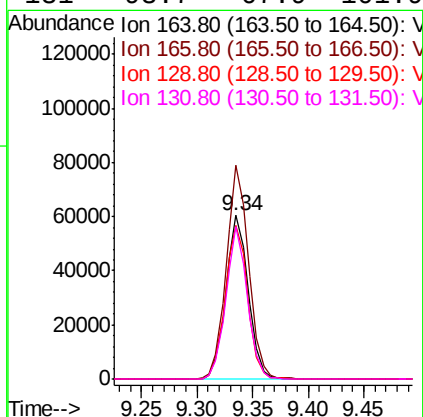
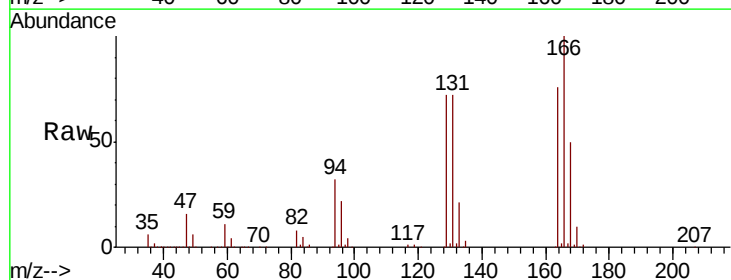
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

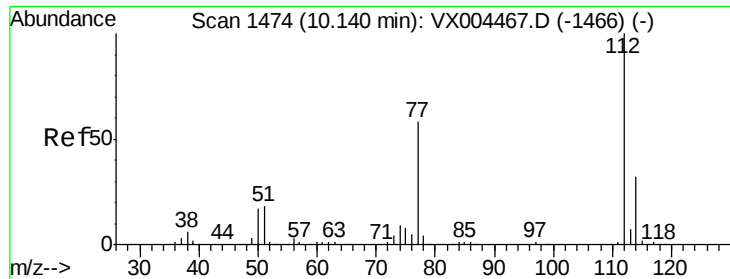
Tgt Ion:117 Resp: 325342
Ion Ratio Lower Upper
117 100
82 52.9 47.8 71.6
119 33.0 29.3 43.9



#64
Tetrachloroethene
Concen: 20.622 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion:164 Resp: 83766
Ion Ratio Lower Upper
164 100
166 130.8 102.8 154.2
129 94.2 69.4 104.0
131 93.7 67.9 101.9

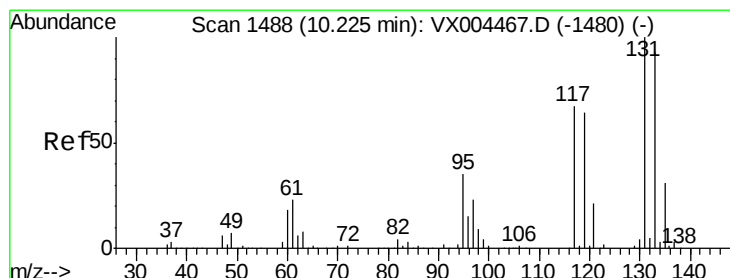
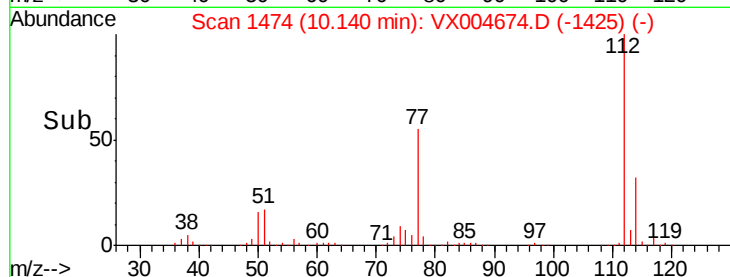
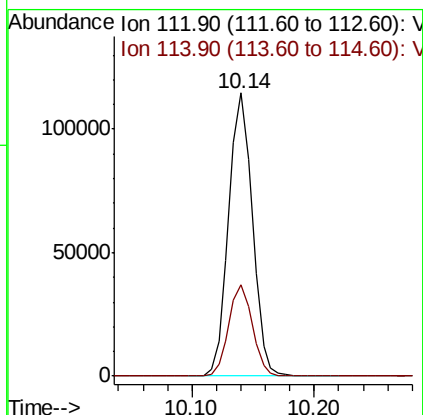
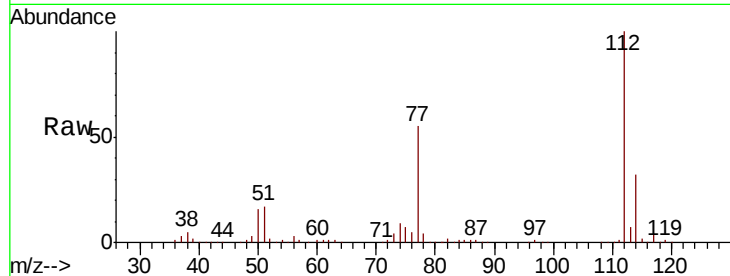




#65
Chlorobenzene
Concen: 19.029 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

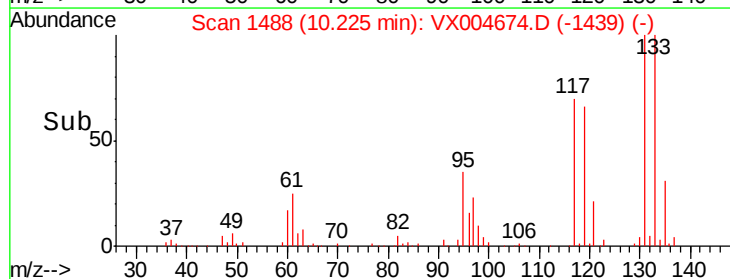
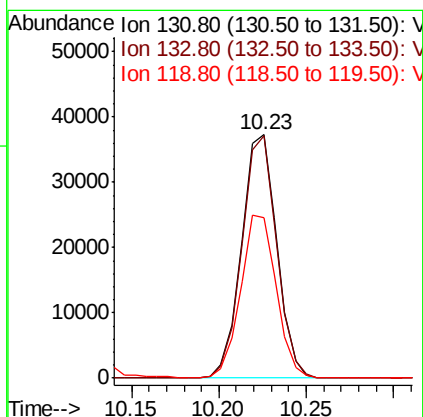
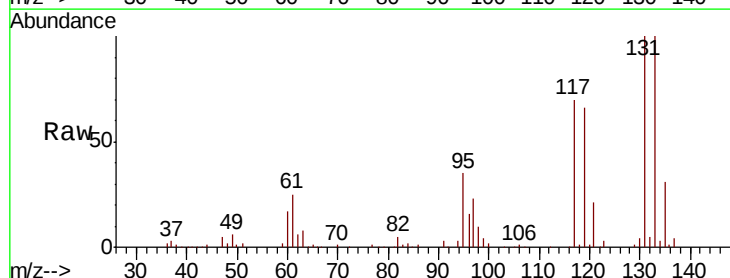
Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD02

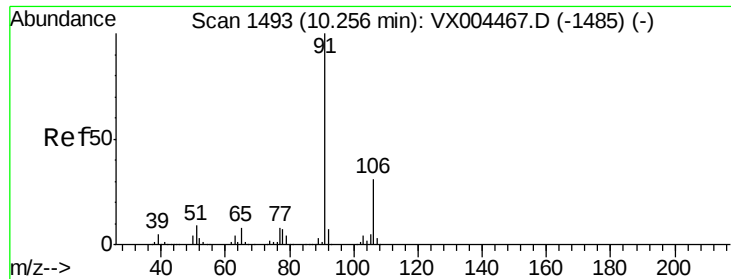
Tgt Ion:112 Resp: 153778
Ion Ratio Lower Upper
112 100
114 32.2 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.763 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion:131 Resp: 52289
Ion Ratio Lower Upper
131 100
133 97.8 48.1 144.4
119 67.9 32.9 98.6

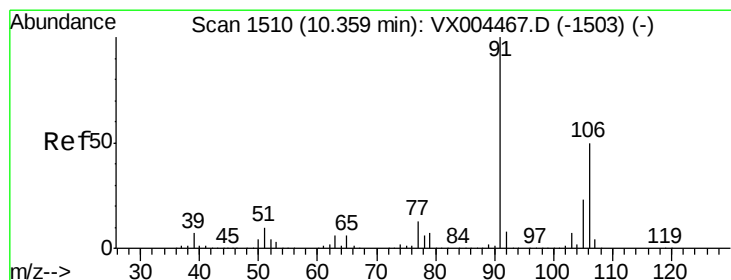
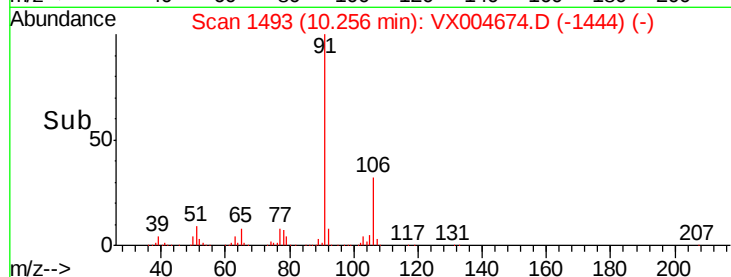
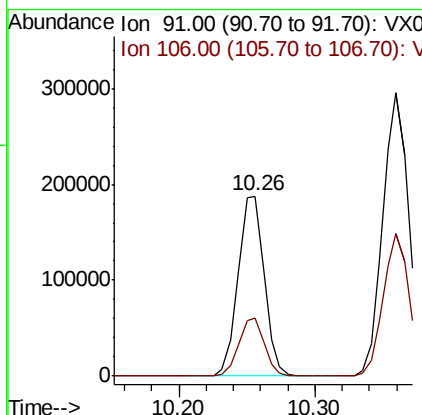
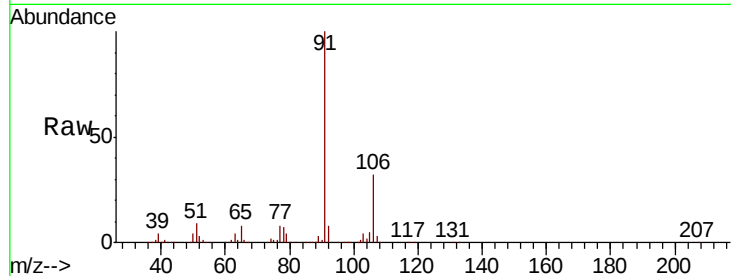




#67
Ethyl Benzene
Concen: 19.239 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

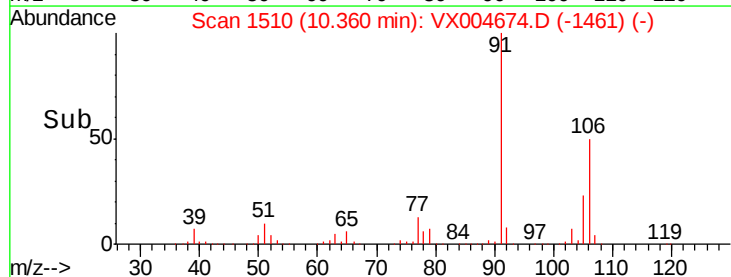
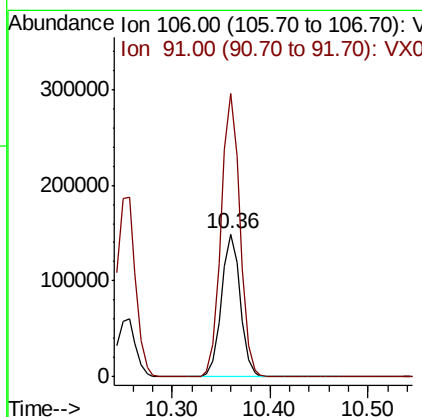
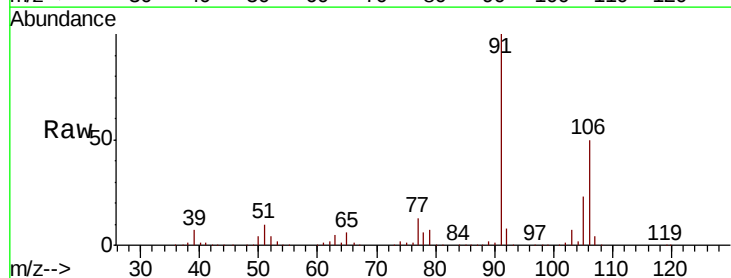
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tgt Ion: 91 Resp: 252811
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9



#68
m/p-Xylenes
Concen: 39.205 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 106 Resp: 198446
Ion Ratio Lower Upper
106 100
91 199.0 157.1 235.7

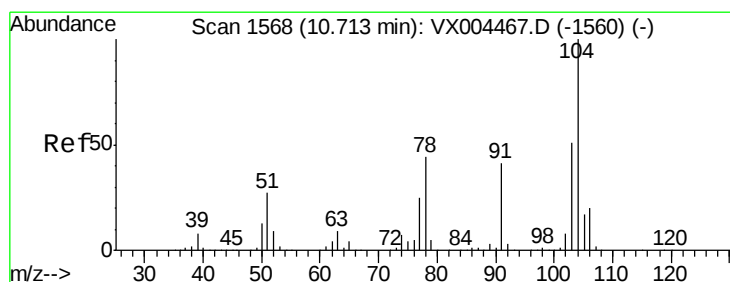
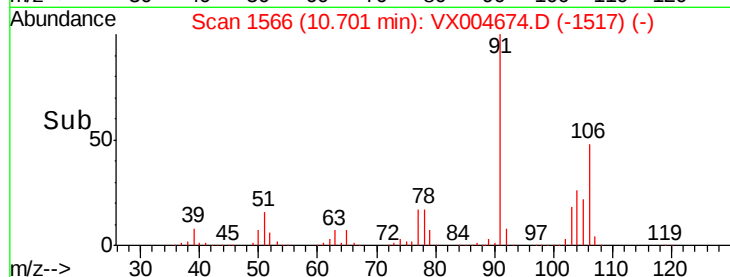
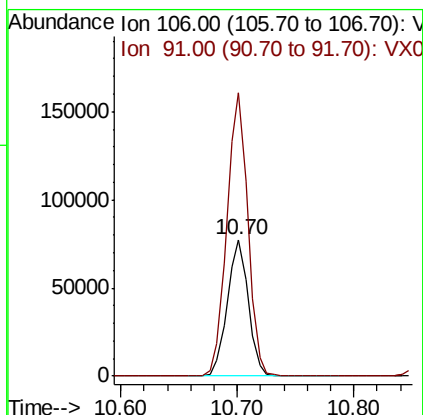
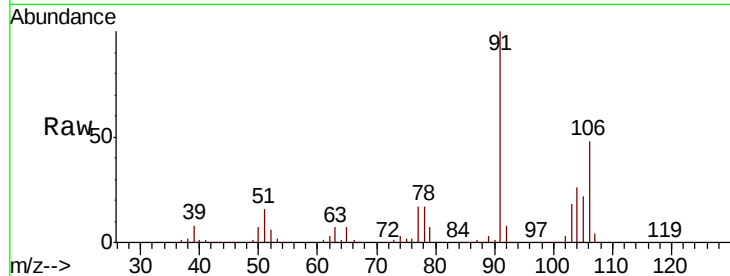




#69
o-Xylene
Concen: 19.908 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

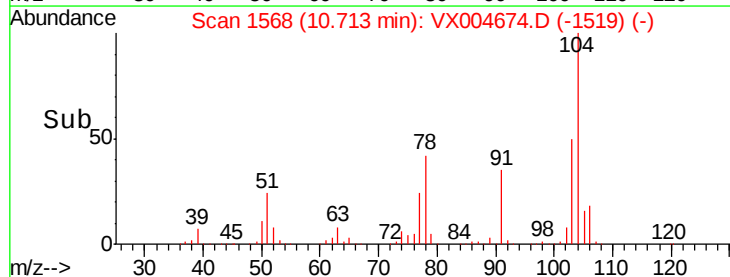
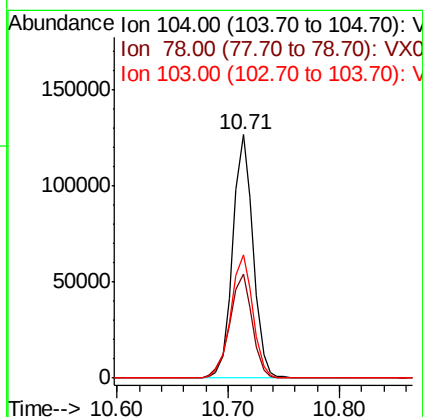
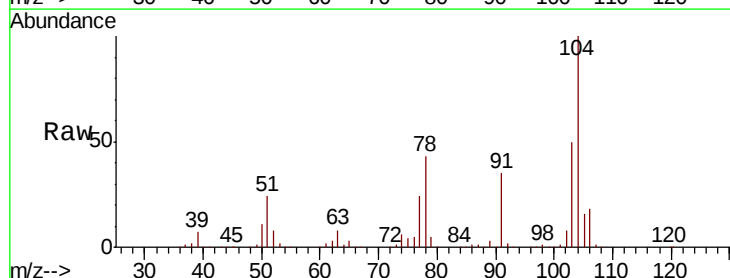
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tgt Ion:106 Resp: 96878
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.1



#70
Styrene
Concen: 19.797 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion:104 Resp: 159604
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 55.5 43.8 65.6





#71

Bromoform

Concen: 18.389 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

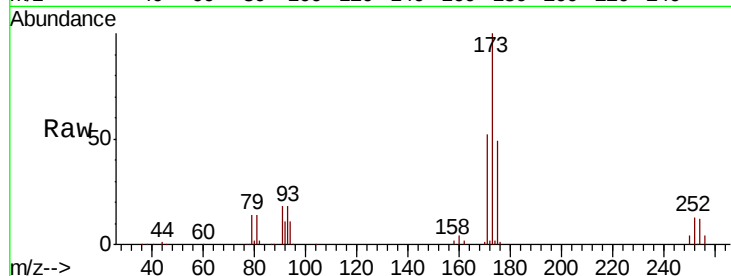
Tgt Ion:173 Resp: 42077

Ion Ratio Lower Upper

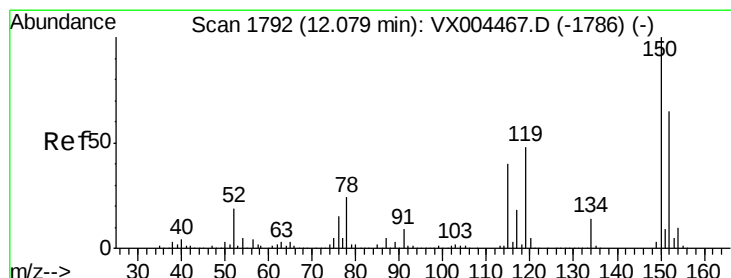
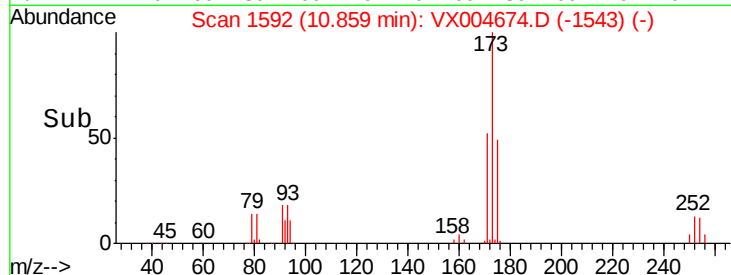
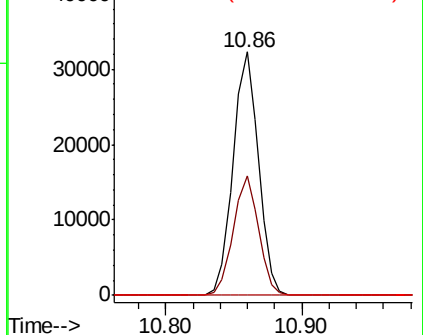
173 100

175 48.6 24.1 72.3

254 0.1 0.2 0.2#



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

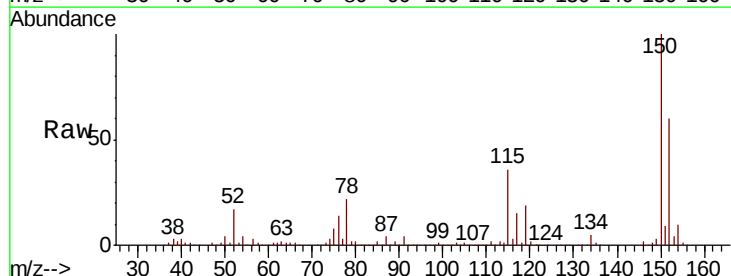
Tgt Ion:152 Resp: 214800

Ion Ratio Lower Upper

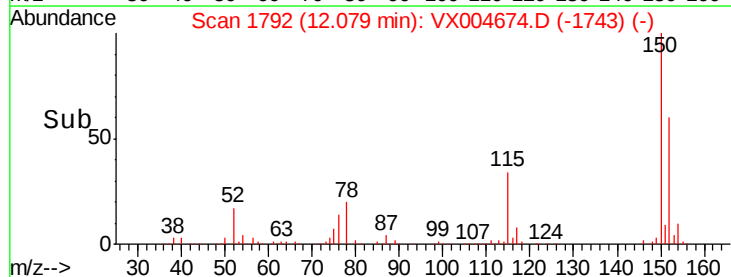
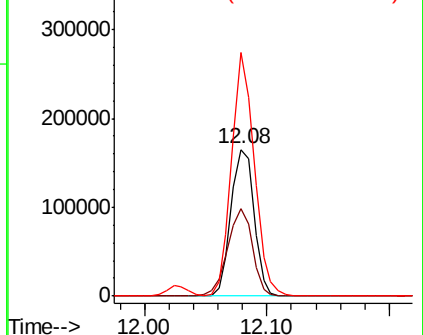
152 100

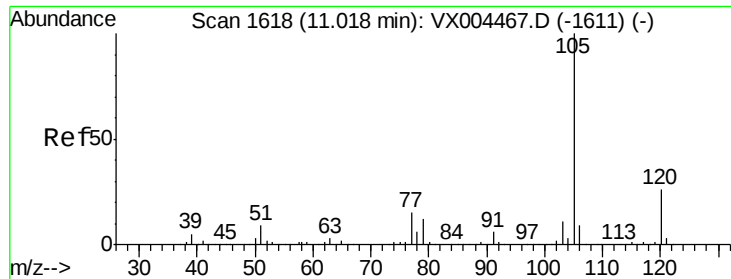
115 63.5 39.0 117.0

150 163.4 0.0 351.0



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: 18.520 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

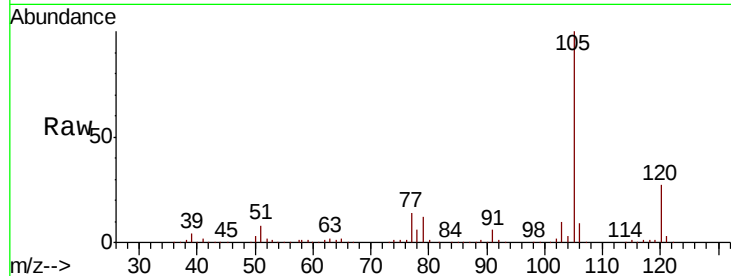
VX0918WBSD02

Tgt Ion: 105 Resp: 261988

Ion Ratio Lower Upper

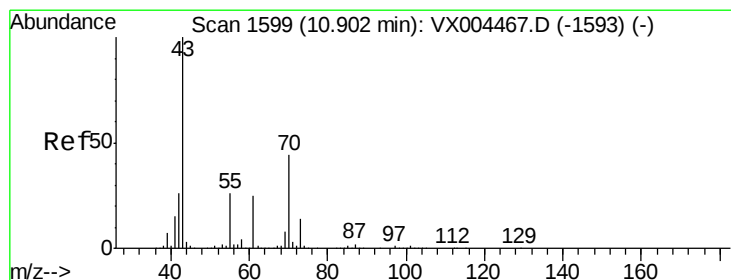
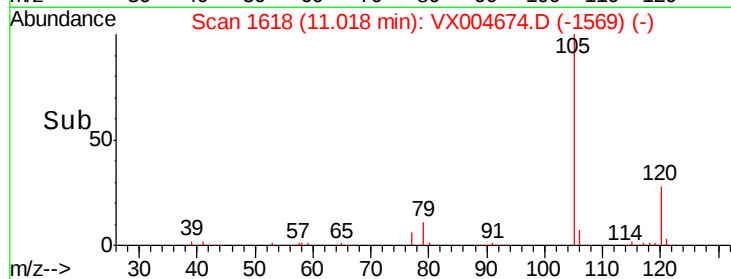
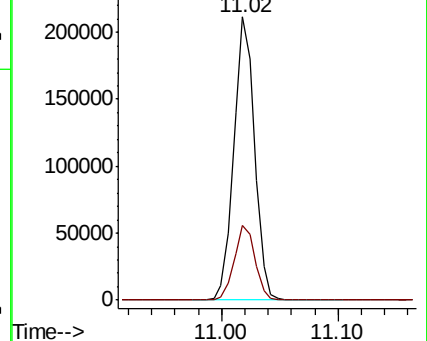
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.797 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Tgt Ion: 43 Resp: 100016

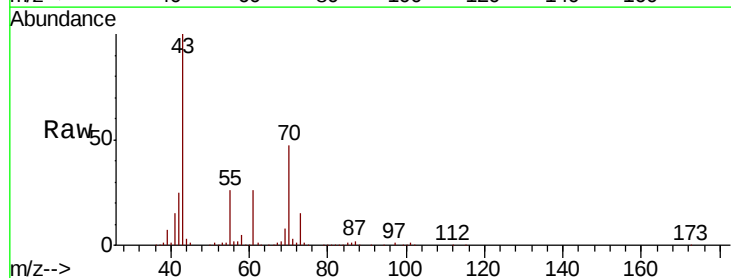
Ion Ratio Lower Upper

43 100

70 45.2 37.4 56.0

55 26.8 21.8 32.8

61 26.0 20.6 30.8

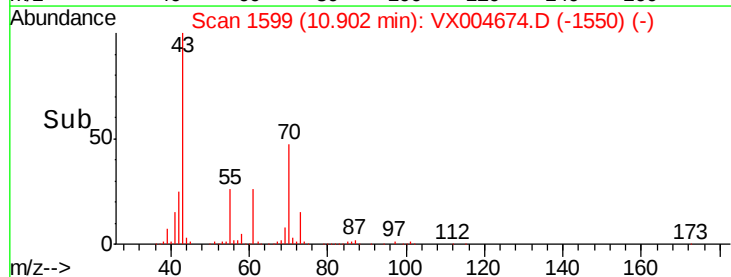
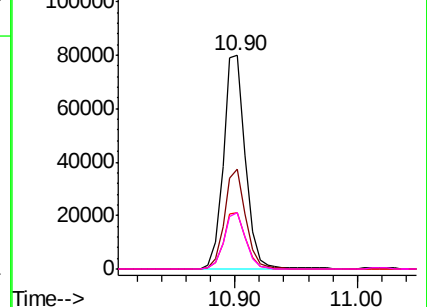


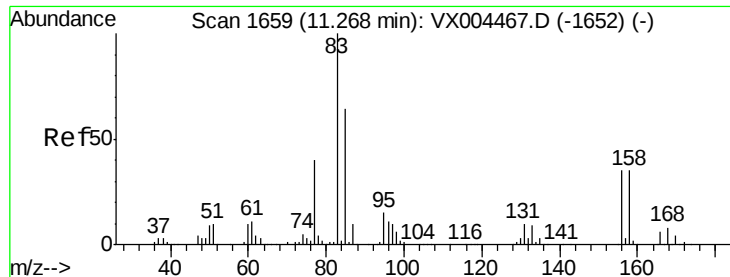
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 16.151 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

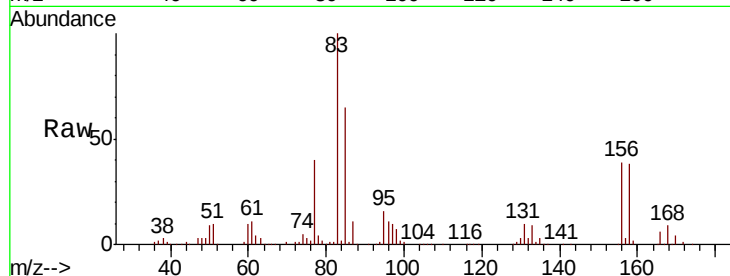
Tgt Ion: 83 Resp: 73699

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

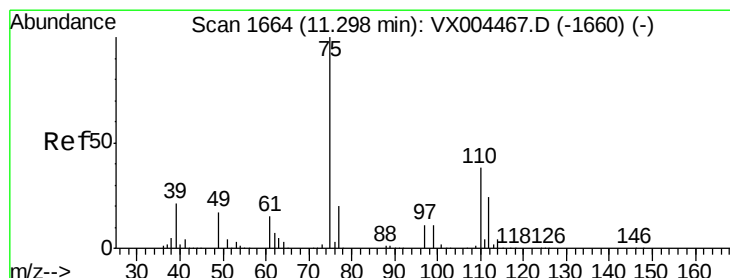
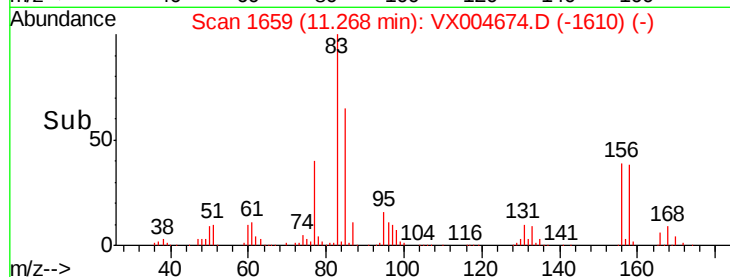
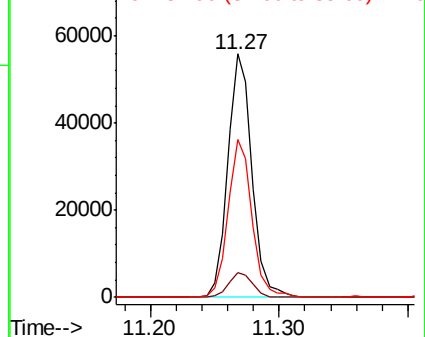
85 64.1 32.3 96.8



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: 21.209 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004674.D

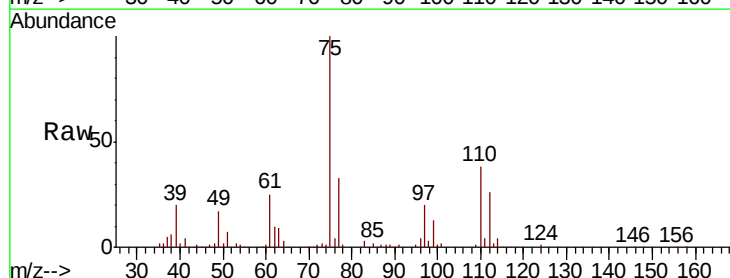
Acq: 18 Sep 2018 23:23

Tgt Ion: 75 Resp: 91658

Ion Ratio Lower Upper

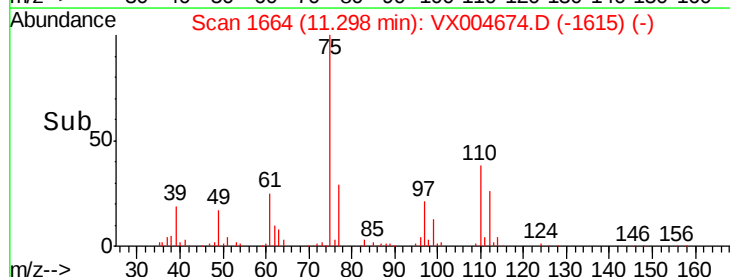
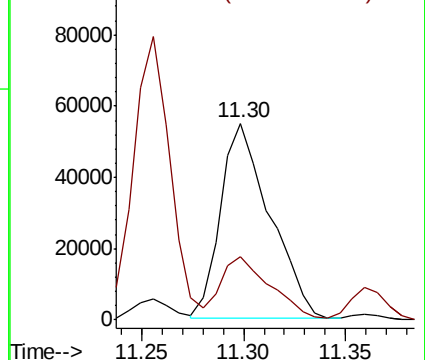
75 100

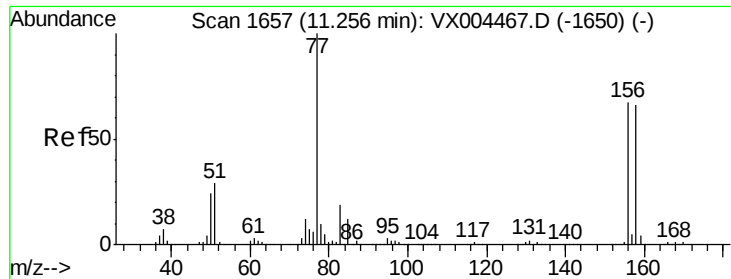
77 32.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.150 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

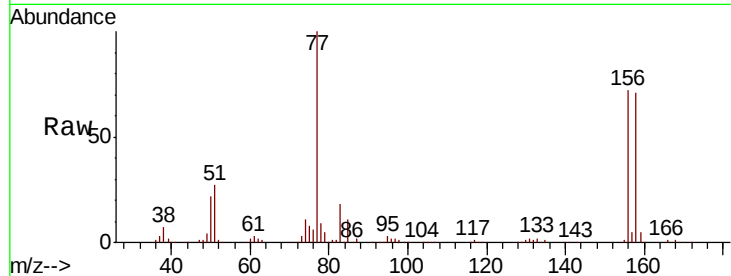
Tgt Ion:156 Resp: 70968

Ion Ratio Lower Upper

156 100

77 140.8 71.5 214.3

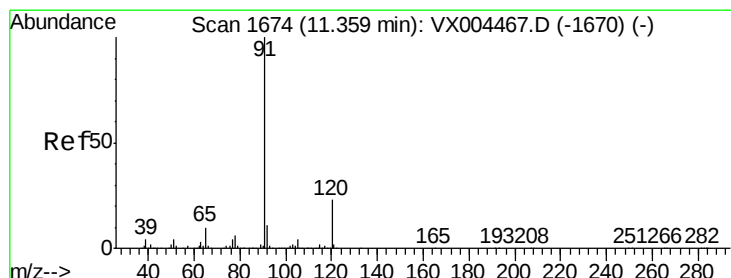
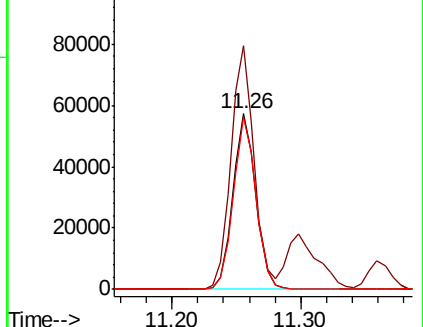
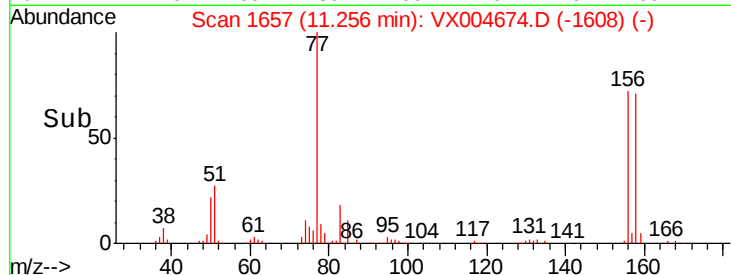
158 97.3 48.9 146.8



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: 18.101 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004674.D

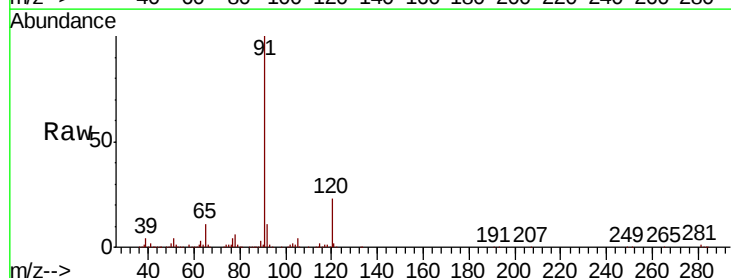
Acq: 18 Sep 2018 23:23

Tgt Ion: 91 Resp: 294421

Ion Ratio Lower Upper

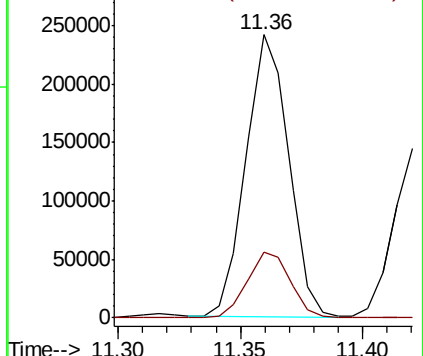
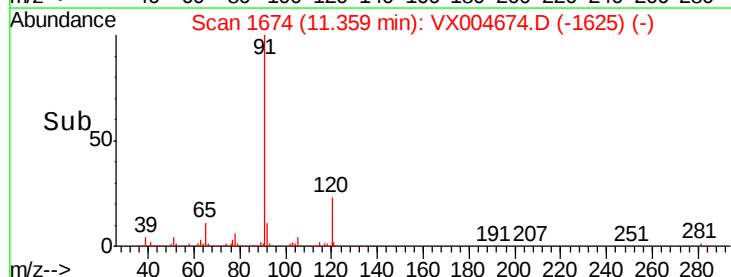
91 100

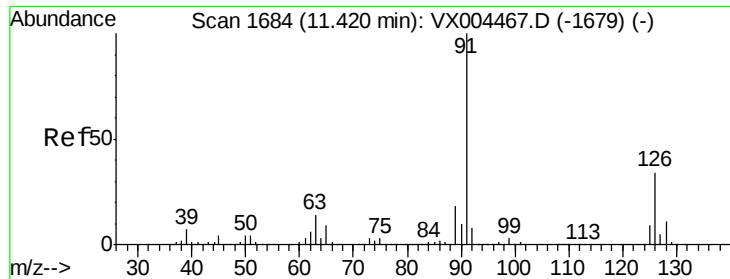
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.244 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

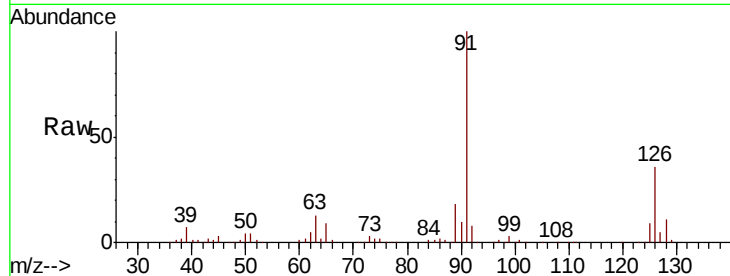
VX0918WBSD02

Tgt Ion: 91 Resp: 179979

Ion Ratio Lower Upper

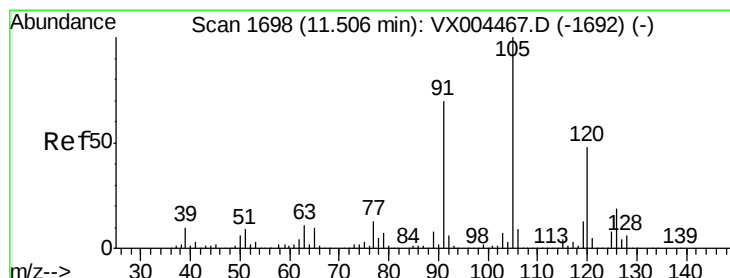
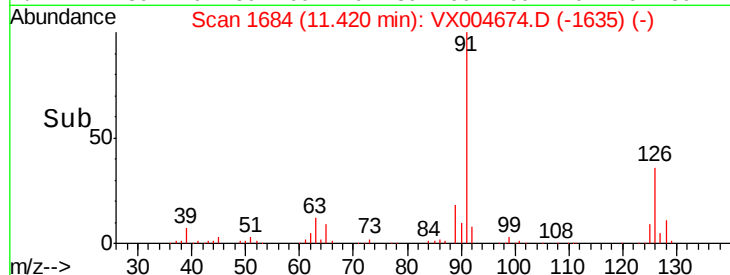
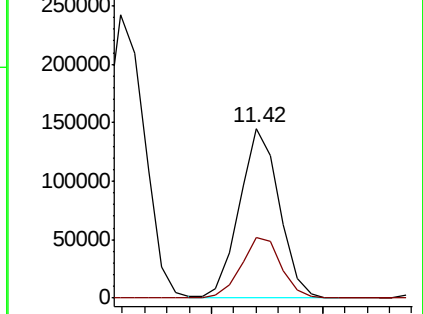
91 100

126 36.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.170 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004674.D

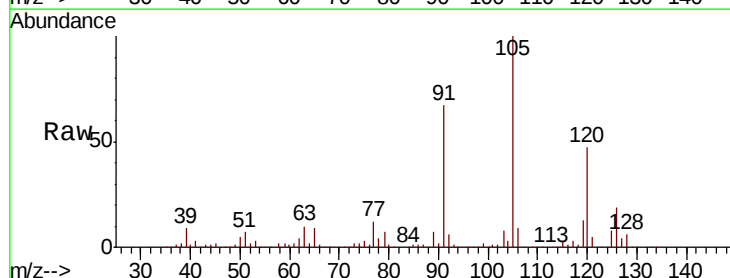
Acq: 18 Sep 2018 23:23

Tgt Ion: 105 Resp: 239865

Ion Ratio Lower Upper

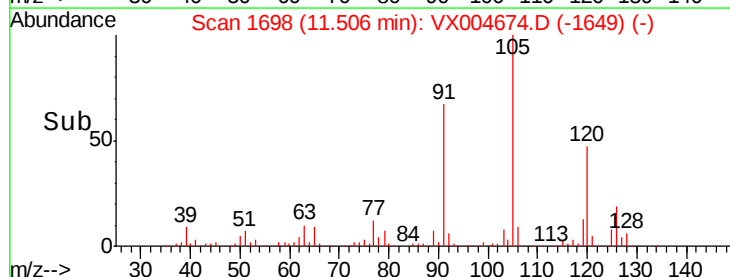
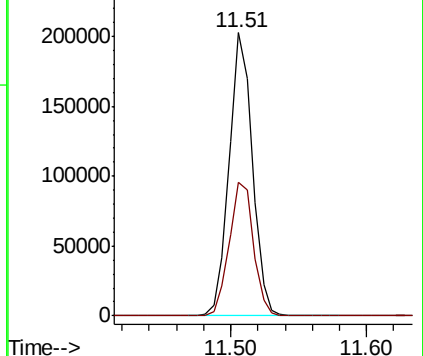
105 100

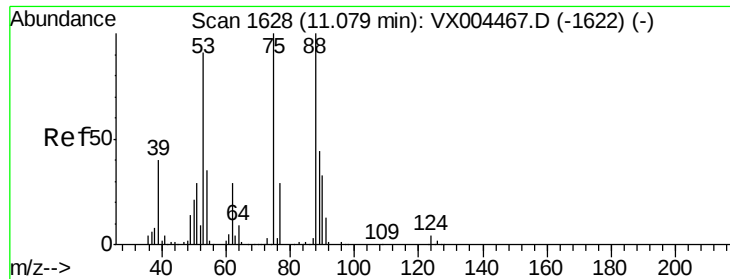
120 49.6 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.488 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

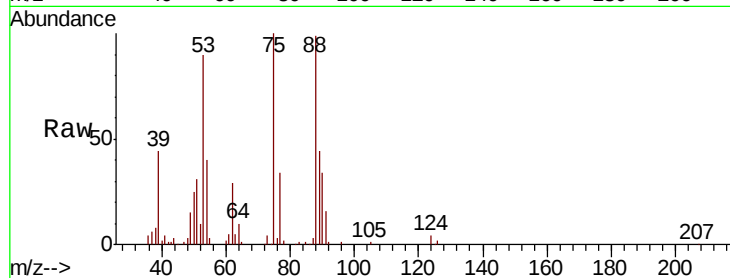
Tgt Ion: 75 Resp: 20999

Ion Ratio Lower Upper

75 100

53 98.1 80.1 120.1

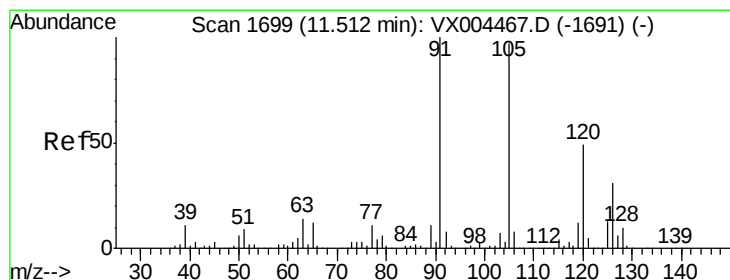
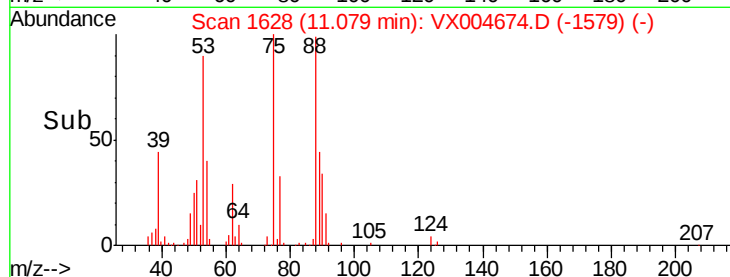
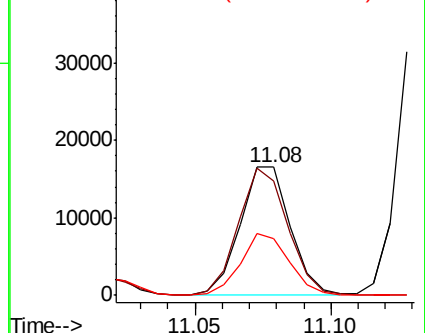
89 47.0 37.2 55.8



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: 19.023 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004674.D

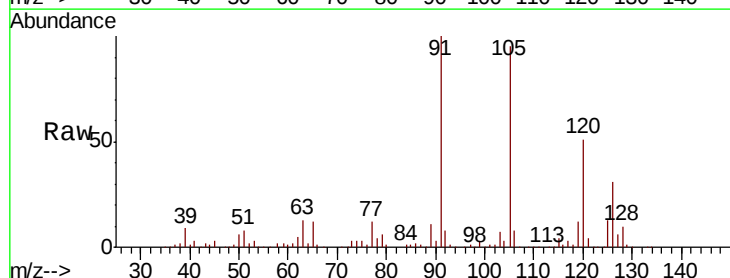
Acq: 18 Sep 2018 23:23

Tgt Ion: 91 Resp: 219027

Ion Ratio Lower Upper

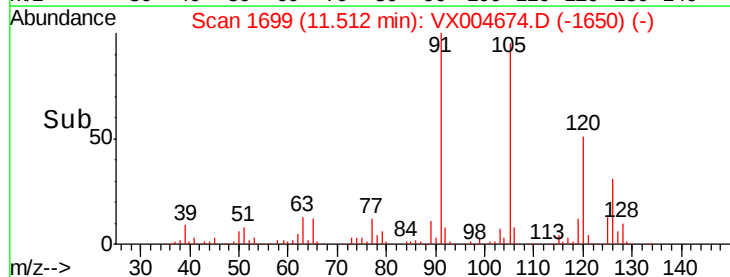
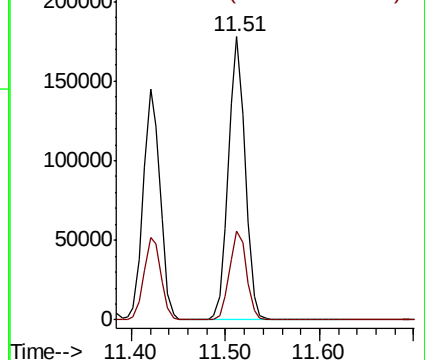
91 100

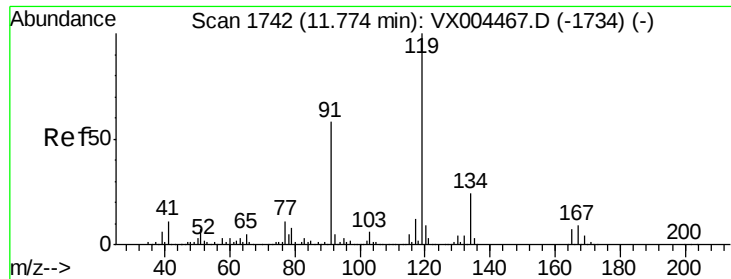
126 31.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

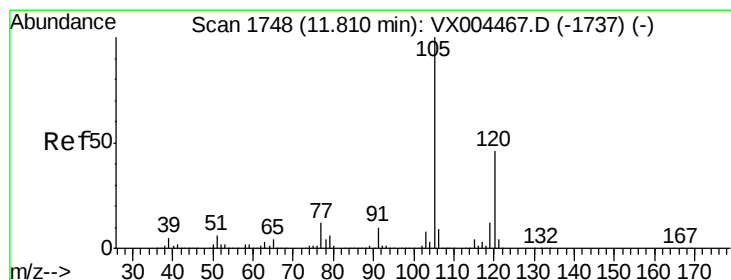
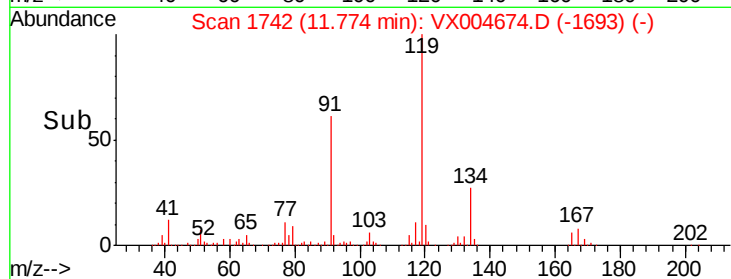
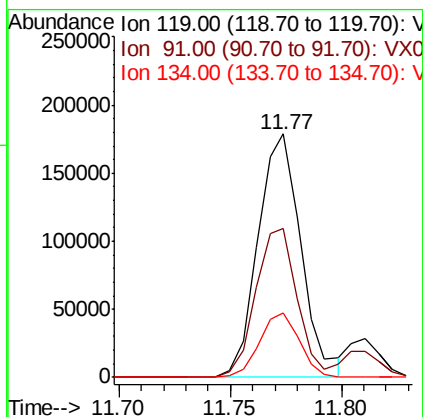
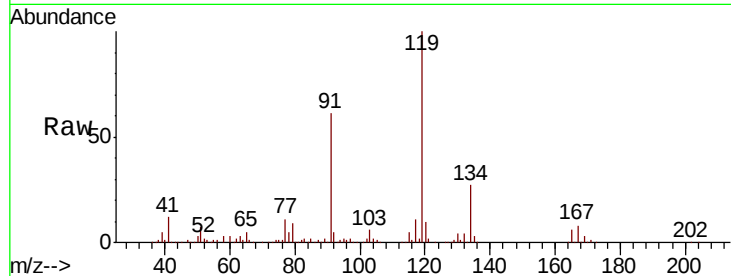




#83
 tert-Butylbenzene
 Concen: 21.233 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

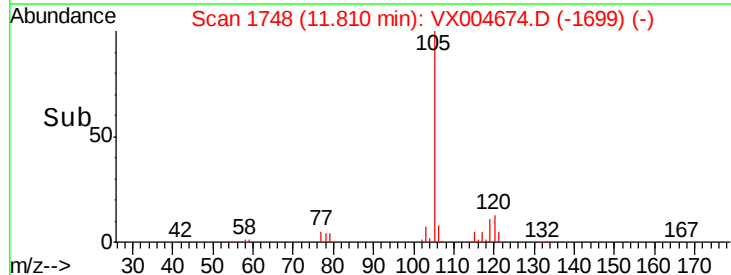
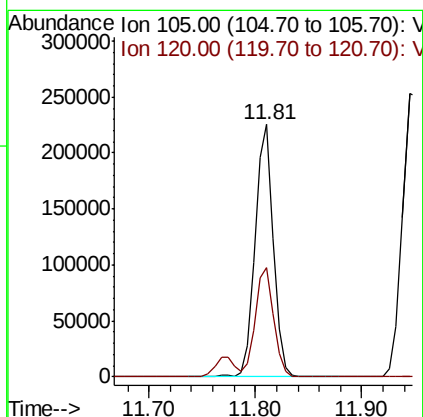
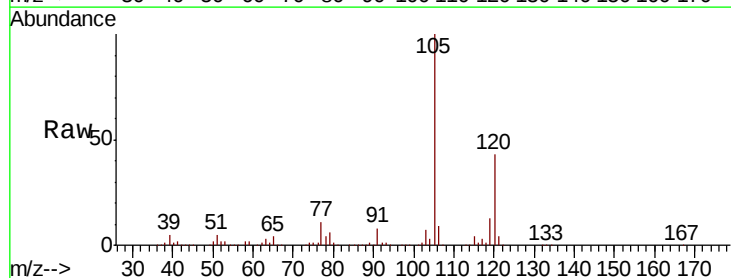
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

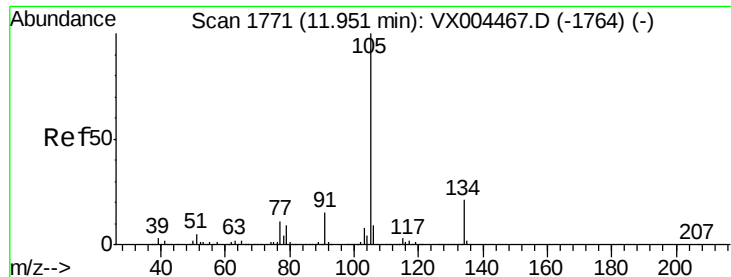
Tgt Ion:119 Resp: 240399
 Ion Ratio Lower Upper
 119 100
 91 58.8 27.0 81.0
 134 24.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.295 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion:105 Resp: 270701
 Ion Ratio Lower Upper
 105 100
 120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.341 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

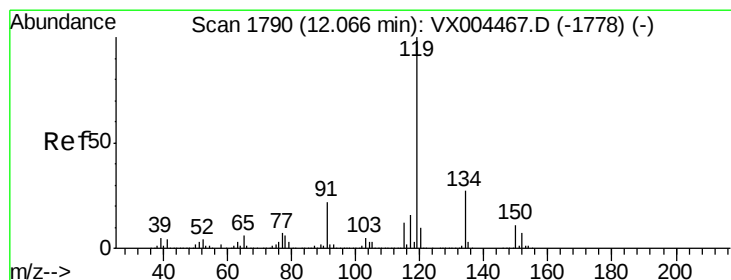
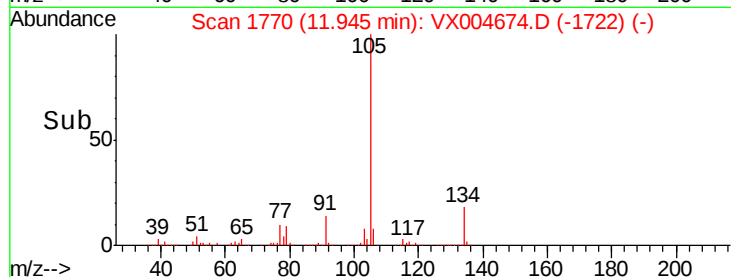
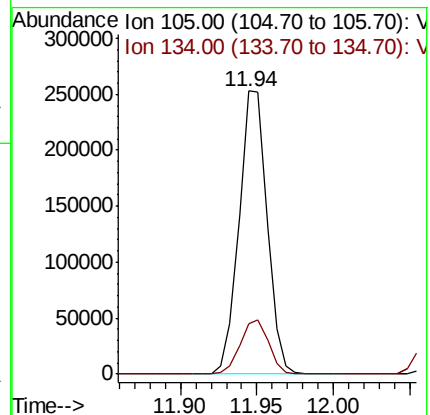
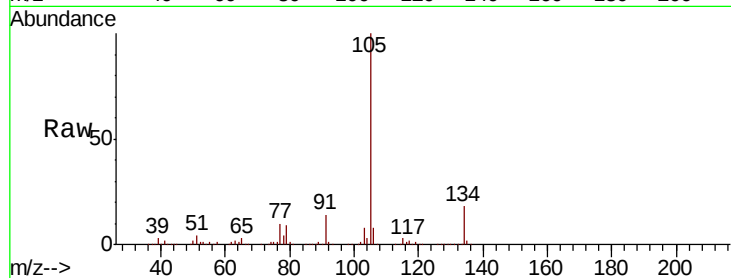
VX0918WBSD02

Tgt Ion:105 Resp: 322326

Ion Ratio Lower Upper

105 100

134 19.4 10.5 31.5



#86

p-Isopropyltoluene

Concen: 21.197 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004674.D

Acq: 18 Sep 2018 23:23

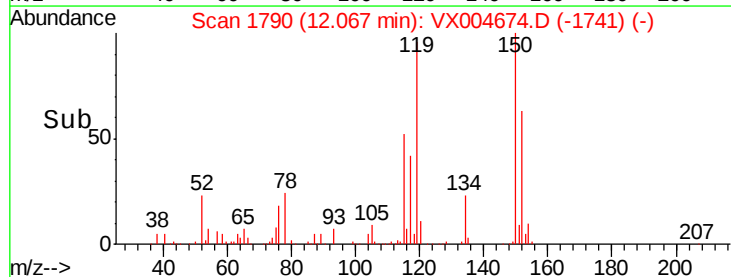
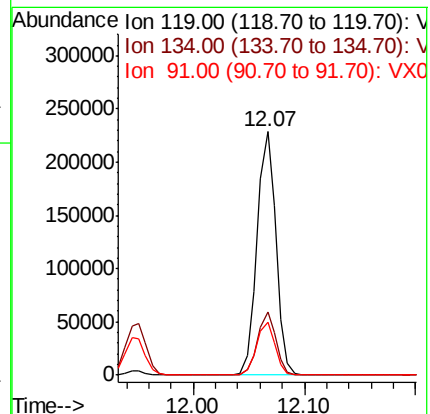
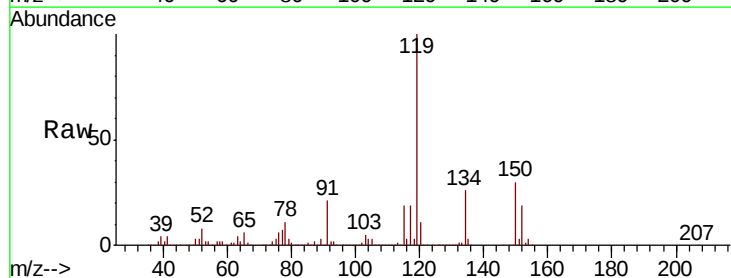
Tgt Ion:119 Resp: 270070

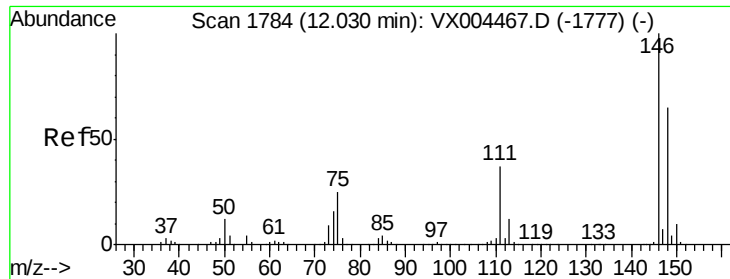
Ion Ratio Lower Upper

119 100

134 25.2 13.4 40.2

91 21.4 10.9 32.7

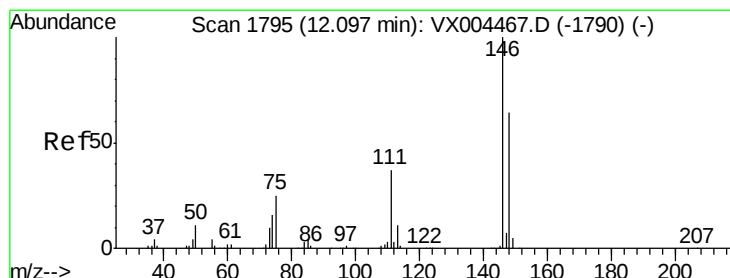
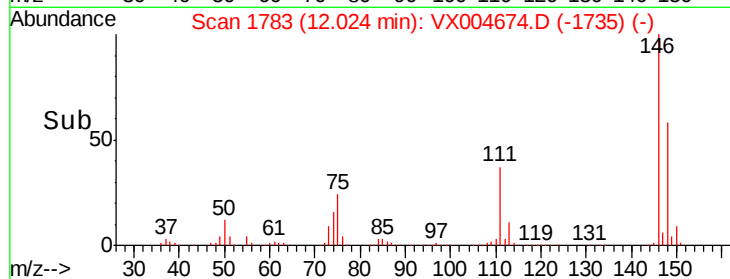
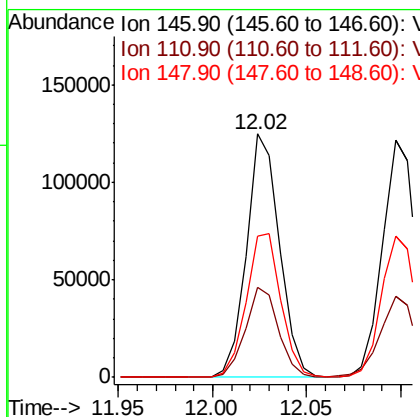
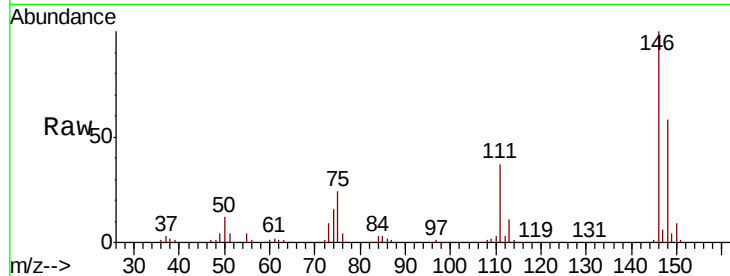




#87
 1,3-Dichlorobenzene
 Concen: 20.763 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

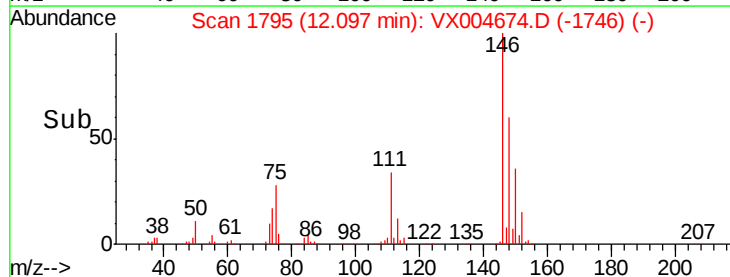
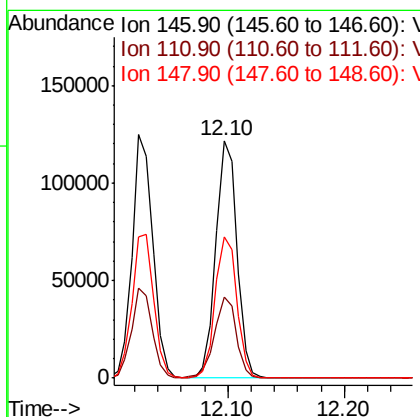
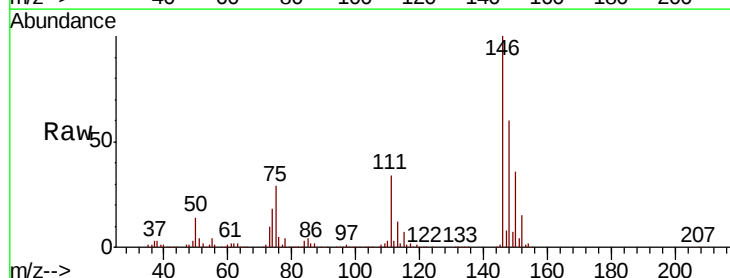
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

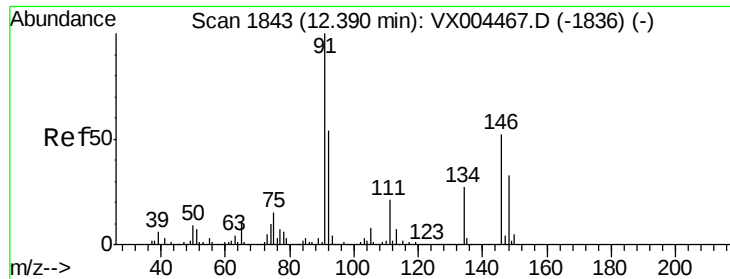
Tgt Ion:146 Resp: 151476
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 62.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.073 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion:146 Resp: 151311
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 61.2 32.0 96.0

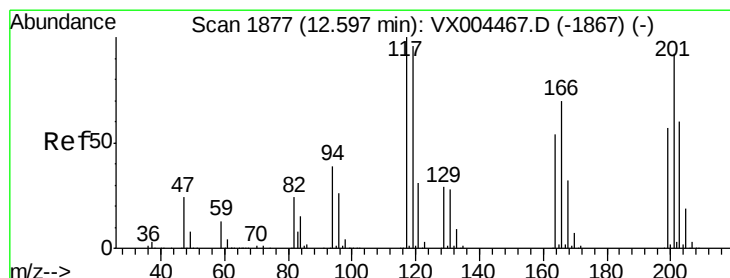
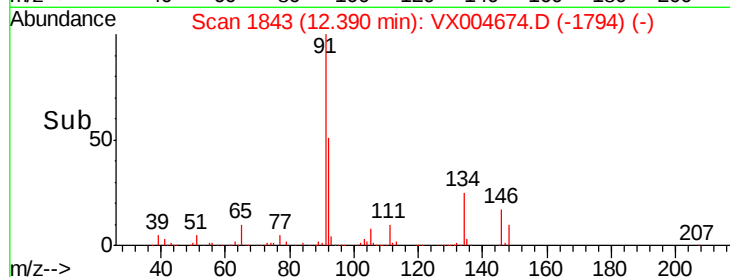
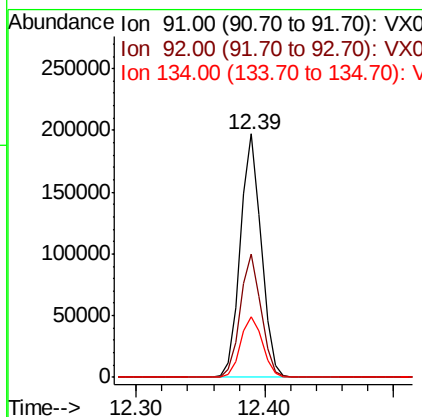
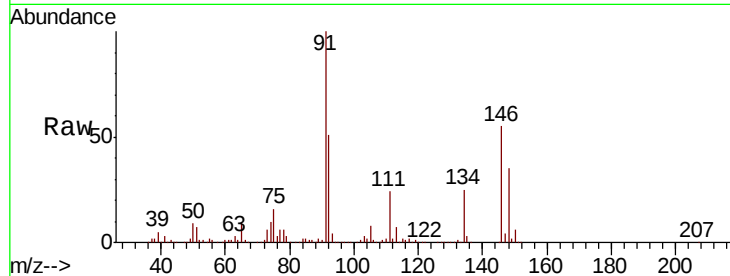




#89
n-Butylbenzene
Concen: 19.124 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

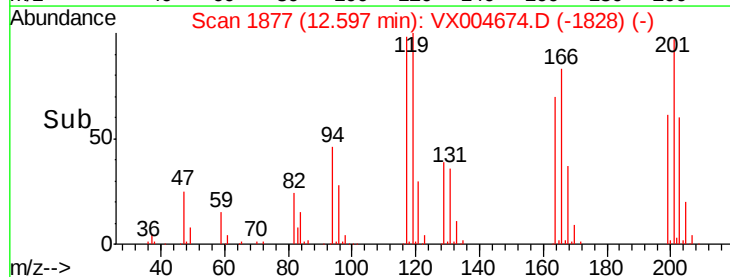
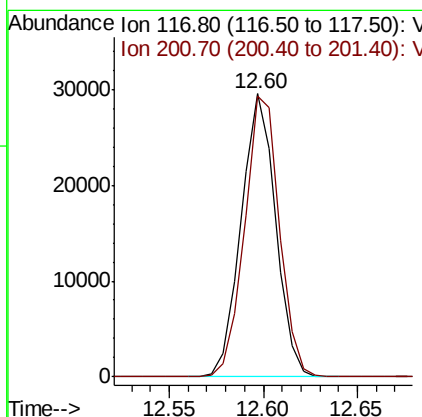
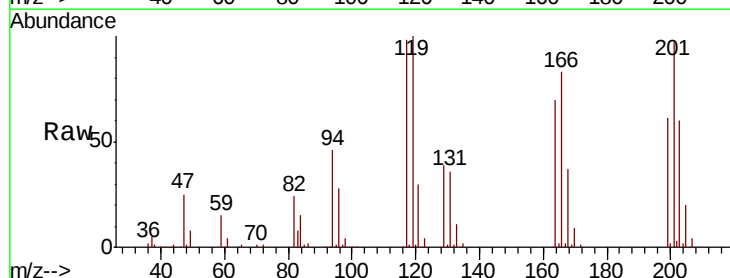
Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD02

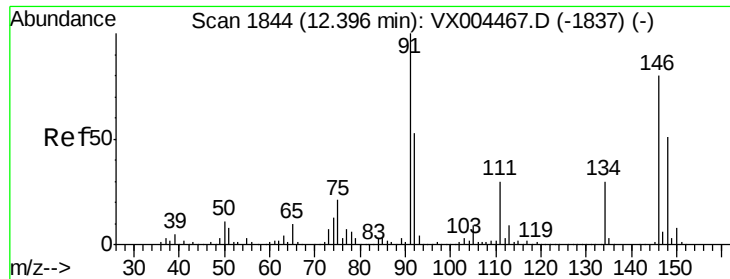
Tgt Ion: 91 Resp: 222034
Ion Ratio Lower Upper
91 100
92 50.6 27.3 81.9
134 26.0 13.6 40.7



#90
Hexachloroethane
Concen: 18.351 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion: 117 Resp: 37430
Ion Ratio Lower Upper
117 100
201 100.2 46.9 140.6

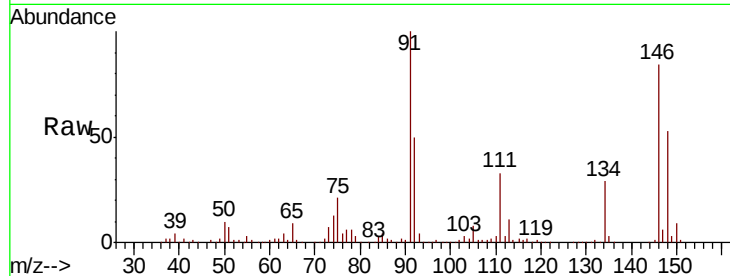




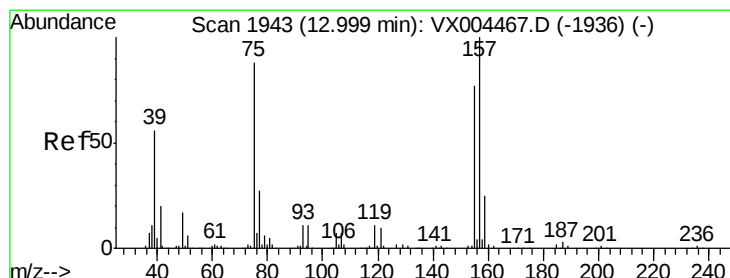
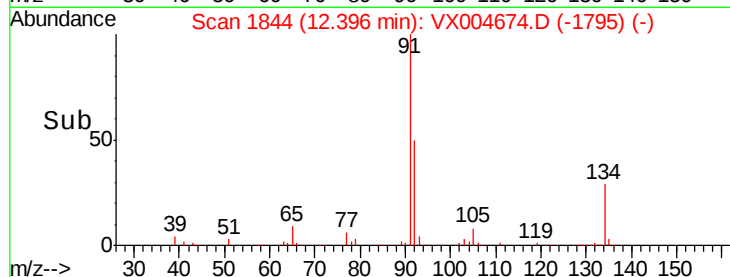
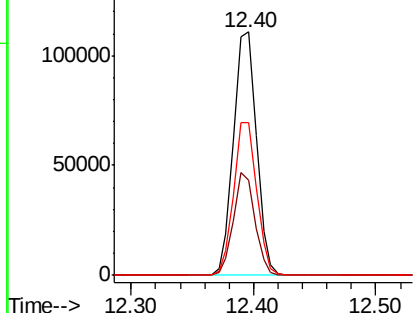
#91
 1,2-Dichlorobenzene
 Concen: 19.445 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tgt Ion: 146 Resp: 143579
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.4 58.1
 148 63.0 32.8 98.3

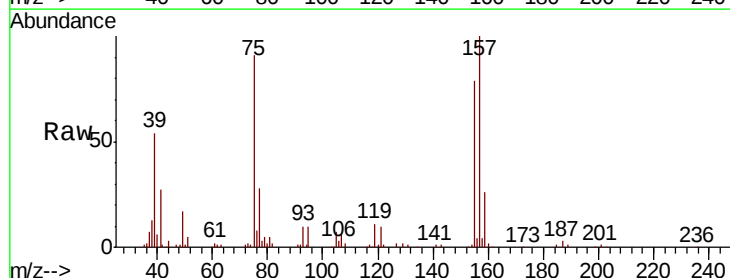


Abundance Ion 145.90 (145.60 to 146.60): V
 150000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

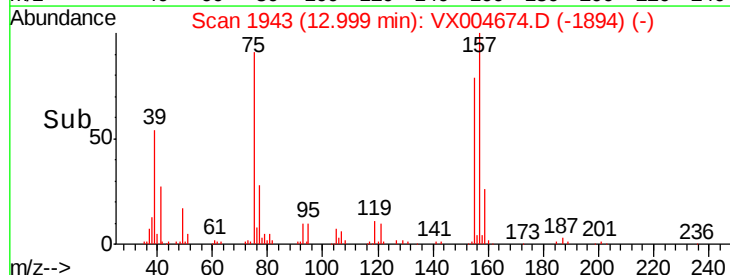
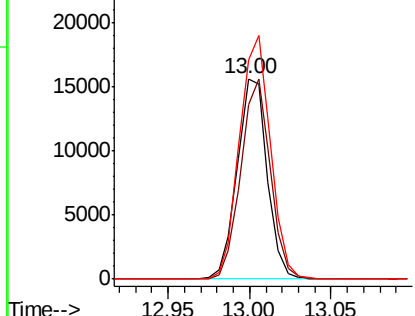


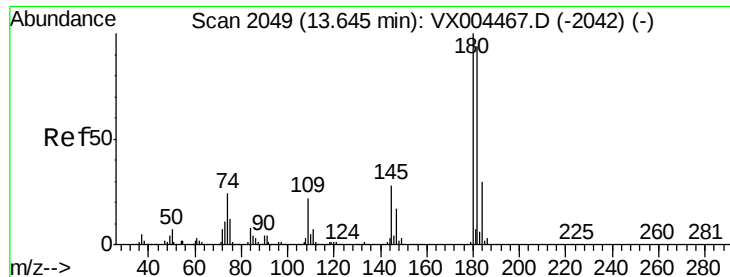
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.656 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion: 75 Resp: 20125
 Ion Ratio Lower Upper
 75 100
 155 97.7 48.0 144.2
 157 124.7 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 25000 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

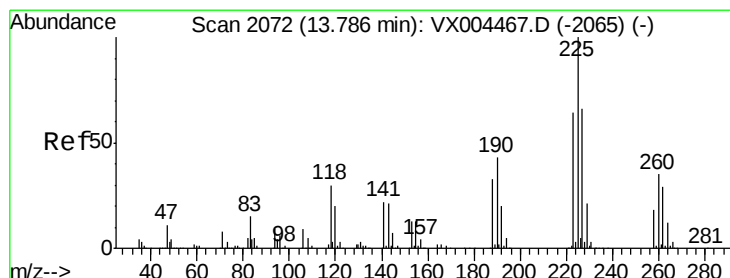
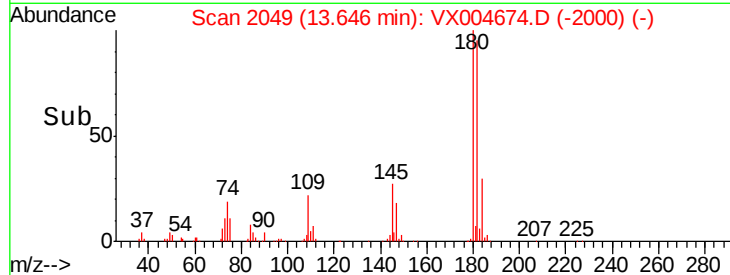
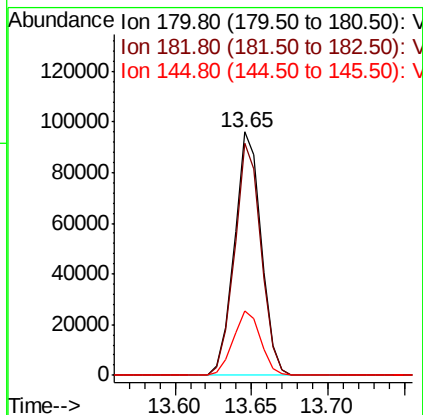
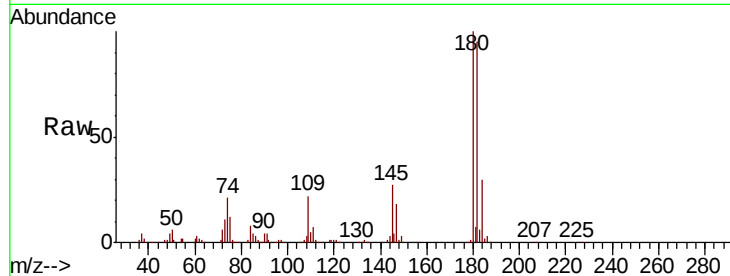




#93
 1,2,4-Trichlorobenzene
 Concen: 22.253 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

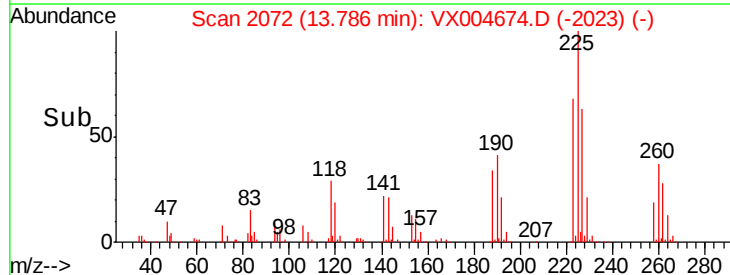
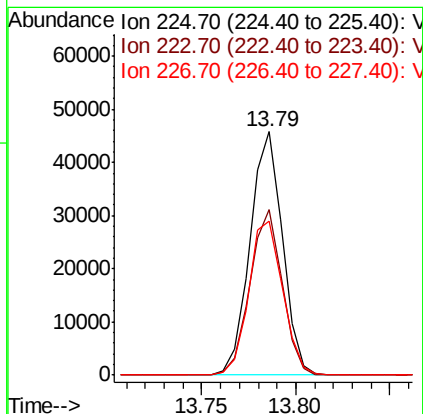
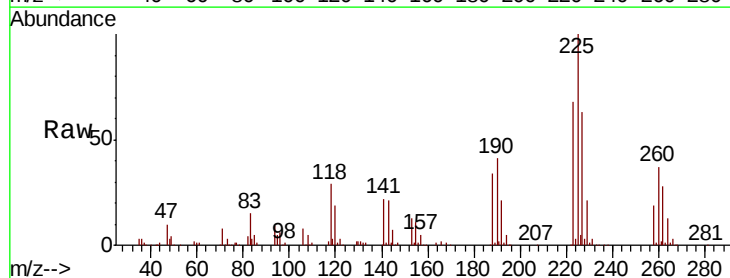
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

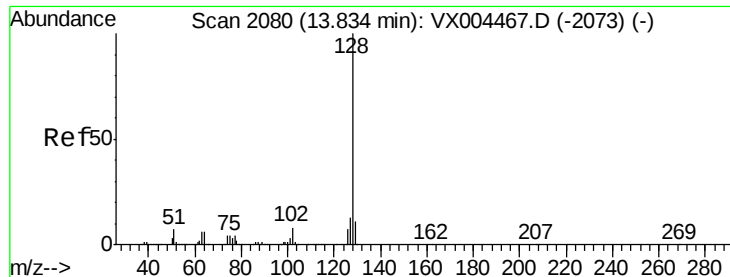
Tgt Ion:180 Resp: 116348
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.0
 145 27.3 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 19.956 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004674.D
 Acq: 18 Sep 2018 23:23

Tgt Ion:225 Resp: 54501
 Ion Ratio Lower Upper
 225 100
 223 67.5 30.1 90.5
 227 66.4 30.8 92.4

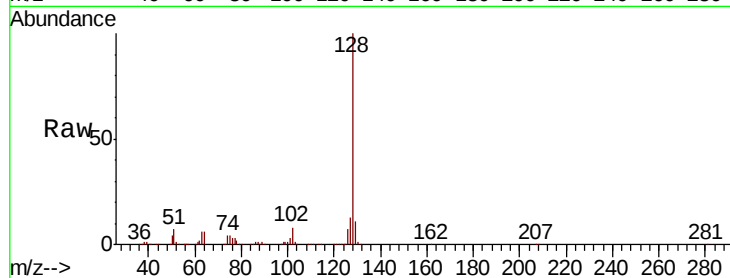




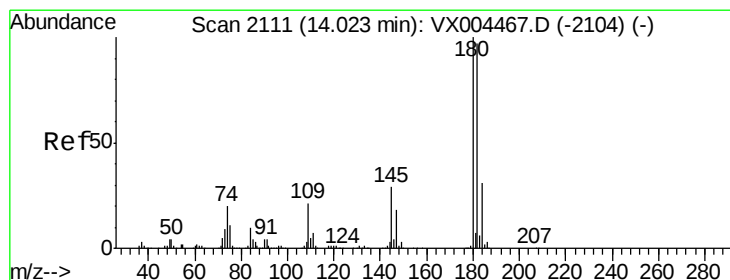
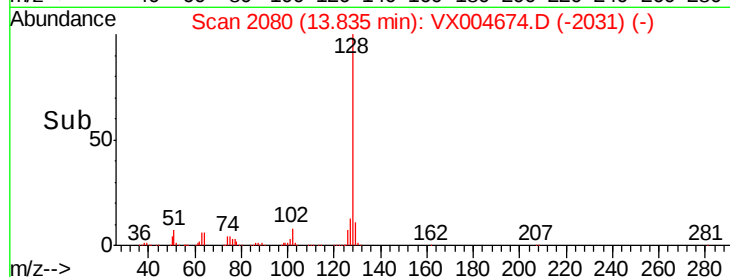
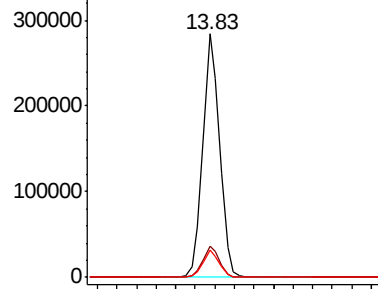
#95
Naphthalene
Concen: 23.145 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

Tgt Ion:128 Resp: 339404
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 12.8

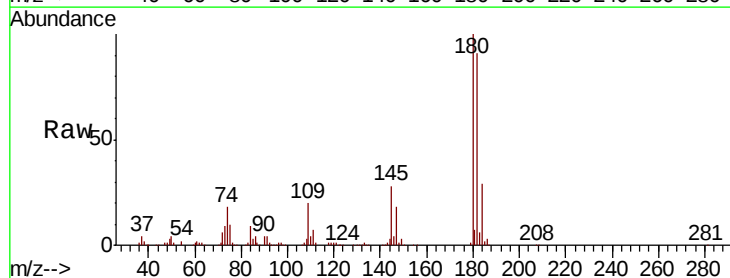


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.561 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004674.D
Acq: 18 Sep 2018 23:23

Tgt Ion:180 Resp: 115814
Ion Ratio Lower Upper
180 100
182 96.4 48.5 145.6
145 29.4 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

