

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004602.D
 Acq On : 16 Sep 2018 00:00
 Operator : JC/MD
 Sample : VX0915WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

Quant Time: Sep 17 08:43:21 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	262222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165661	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.51	113	146656	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	8.72	98	490303	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.14	95	177178	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49894	20.30	ug/l	96
3) Chloromethane	1.32	50	66610	19.69	ug/l	98
4) Vinyl Chloride	1.40	62	66731	19.22	ug/l	94
5) Bromomethane	1.64	94	31472	20.97	ug/l	92
6) Chloroethane	1.72	64	49727	22.15	ug/l	97
7) Trichlorofluoromethane	1.93	101	89386	19.42	ug/l	# 84
8) Diethyl Ether	2.19	74	41845	20.28	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57245	19.61	ug/l	97
10) Methyl Iodide	2.51	142	46228	16.38	ug/l	97
11) Tert butyl alcohol	3.06	59	79604	98.67	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55039	20.09	ug/l	94
13) Acrolein	2.29	56	53127	166.82	ug/l	94
14) Allyl chloride	2.73	41	105520	18.73	ug/l	96
15) Acrylonitrile	3.14	53	190443	98.02	ug/l	98
16) Acetone	2.45	43	149832	90.79	ug/l	96
17) Carbon Disulfide	2.57	76	152514	19.26	ug/l	98
18) Methyl Acetate	2.78	43	93148	20.12	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	196018	20.39	ug/l	98
20) Methylene Chloride	2.85	84	65369	19.31	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	60014	19.82	ug/l	89
22) Diisopropyl ether	3.87	45	206258	20.33	ug/l	97
23) Vinyl Acetate	3.82	43	817129	99.53	ug/l	98
24) 1,1-Dichloroethane	3.70	63	114571	20.00	ug/l	98
25) 2-Butanone	4.70	43	235042	89.49	ug/l	97
26) 2,2-Dichloropropane	4.58	77	63247	16.08	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	69586	20.59	ug/l	97
28) Bromochloromethane	5.01	49	56489	21.56	ug/l	95
29) Tetrahydrofuran	5.16	42	155079	97.91	ug/l	98
30) Chloroform	5.21	83	110092	19.69	ug/l	91
31) Cyclohexane	5.58	56	98977	20.24	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	93146	20.68	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84455	20.50	ug/l	99
37) Ethyl Acetate	4.85	43	89537	19.11	ug/l	99
38) Carbon Tetrachloride	5.78	117	80210	19.94	ug/l	92

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 Sample : VX0915WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

Quant Time: Sep 17 08:43:21 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)
39) Methylcyclohexane	7.46	83	82961	19.30	ug/l	95
40) Benzene	6.14	78	254909	20.86	ug/l	98
41) Methacrylonitrile	5.06	41	51798	20.07	ug/l	99
42) 1,2-Dichloroethane	6.20	62	82291	20.30	ug/l	100
43) Isopropyl Acetate	6.46	43	127747	20.53	ug/l	99
44) Trichloroethene	7.21	130	60261	18.98	ug/l	95
45) 1,2-Dichloropropane	7.52	63	58076	19.75	ug/l	99
46) Dibromomethane	7.66	93	36574	19.69	ug/l	99
47) Bromodichloromethane	7.90	83	67628	19.25	ug/l	100
48) Methyl methacrylate	7.77	41	59932	19.46	ug/l	97
49) 1,4-Dioxane	7.76	88	28634	392.86	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	387633	88.27	ug/l	99
52) Toluene	8.79	92	138295	19.21	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	77686	18.93	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	80012	19.12	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	65323	21.07	ug/l	95
56) Ethyl methacrylate	9.18	69	94543	21.55	ug/l	97
57) 1,3-Dichloropropane	9.38	76	108002	21.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	203280	95.59	ug/l	97
59) 2-Hexanone	9.50	43	325784	96.72	ug/l	99
60) Dibromochloromethane	9.59	129	57722	19.78	ug/l	100
61) 1,2-Dibromoethane	9.67	107	58886	19.88	ug/l	98
64) Tetrachloroethene	9.34	164	81306	21.29	ug/l	94
65) Chlorobenzene	10.14	112	155387	20.46	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	54238	20.70	ug/l	99
67) Ethyl Benzene	10.26	91	256583	20.77	ug/l	99
68) m/p-Xylenes	10.36	106	202009	42.46	ug/l	97
69) o-Xylene	10.70	106	97093	21.23	ug/l	99
70) Styrene	10.71	104	162937	21.50	ug/l	99
71) Bromoform	10.86	173	42190	19.62	ug/l #	99
73) Isopropylbenzene	11.02	105	262129	18.56	ug/l	100
74) N-amyl acetate	10.90	43	103135	17.35	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	81222	17.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	92021	21.33	ug/l	87
77) Bromobenzene	11.26	156	70609	18.09	ug/l	99
78) n-propylbenzene	11.36	91	299814	18.46	ug/l	100
79) 2-Chlorotoluene	11.42	91	178937	18.17	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	238196	20.06	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	21061	15.56	ug/l	99
82) 4-Chlorotoluene	11.51	91	227610	19.80	ug/l	98
83) tert-Butylbenzene	11.77	119	254705	22.53	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	276355	22.79	ug/l	99
85) sec-Butylbenzene	11.94	105	323984	22.49	ug/l	99
86) p-Isopropyltoluene	12.07	119	272243	21.40	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	153181	21.03	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	148711	19.76	ug/l	98
89) n-Butylbenzene	12.39	91	224981	19.41	ug/l	96
90) Hexachloroethane	12.60	117	38957	19.13	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	141870	19.24	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20086	20.65	ug/l	98

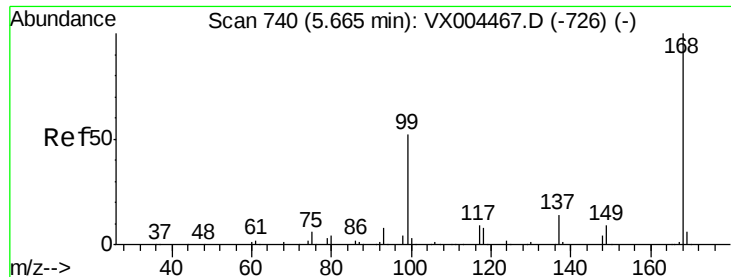
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
Data File : VX004602.D
Acq On : 16 Sep 2018 00:00
Operator : JC/MD
Sample : VX0915WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Quant Time: Sep 17 08:43:21 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)
93) 1,2,4-Trichlorobenzene	13.65	180	115949	22.21	ug/l	98
94) Hexachlorobutadiene	13.79	225	56636	20.77	ug/l	97
95) Naphthalene	13.83	128	333042	22.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	115462	21.53	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

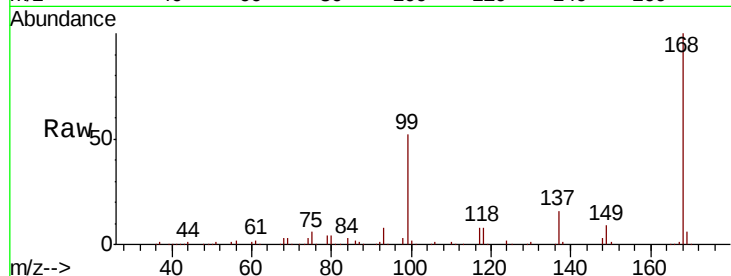
VX0915WBSD02

Tot Ion:168 Resp: 262222

Ion Ratio Lower Upper

168 100

99 52.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

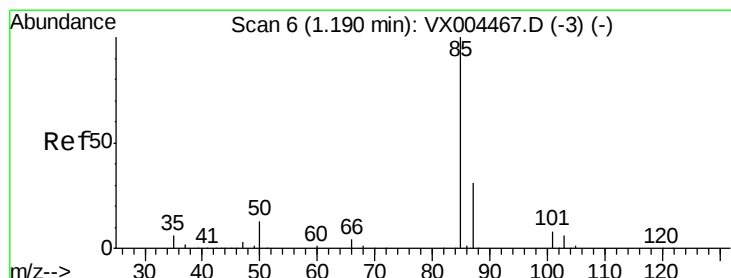
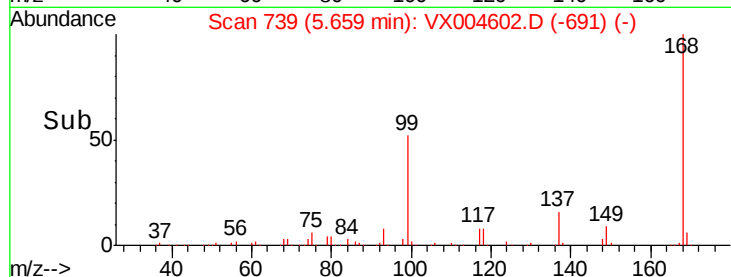
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.30 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004602.D

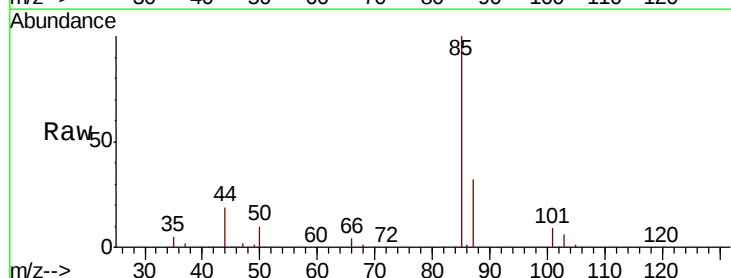
Acq: 16 Sep 2018 00:00

Tgt Ion: 85 Resp: 49894

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

60000

50000

40000

30000

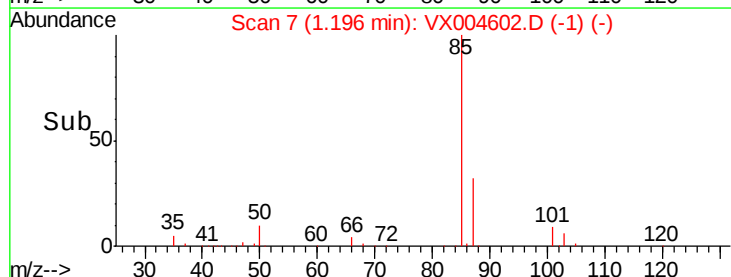
20000

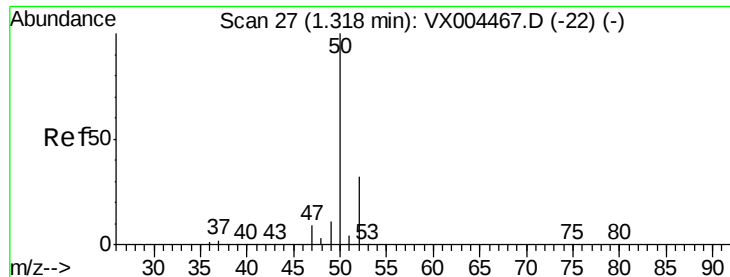
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.69 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

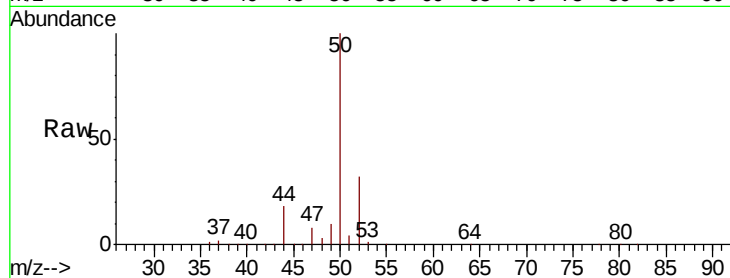
VX0915WBSD02

Tot Ion: 50 Resp: 66610

Ion Ratio Lower Upper

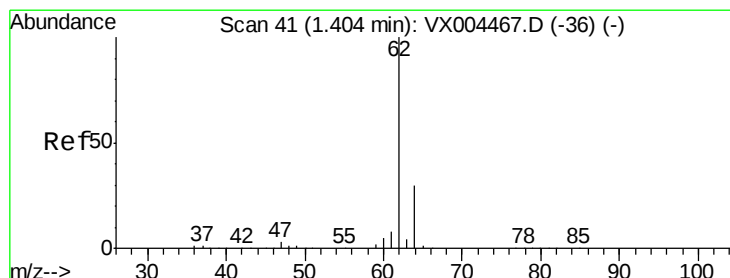
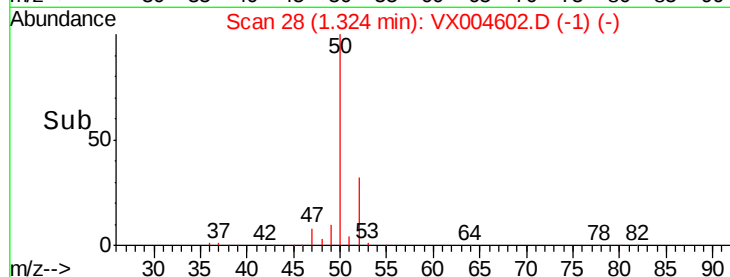
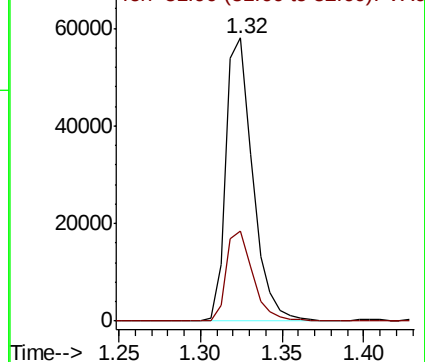
50 100

52 31.7 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: 19.22 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004602.D

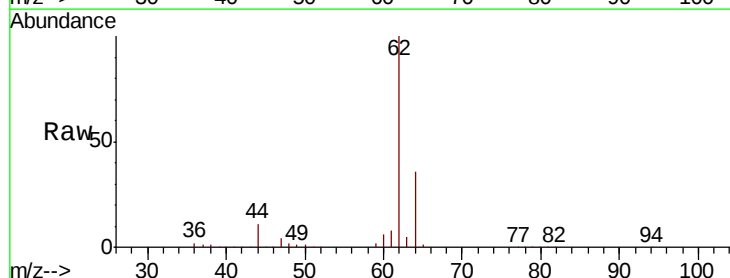
Acq: 16 Sep 2018 00:00

Tgt Ion: 62 Resp: 66731

Ion Ratio Lower Upper

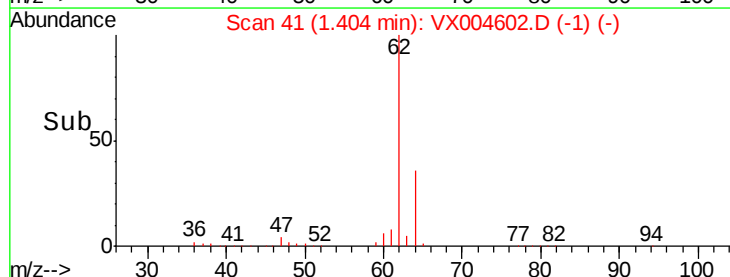
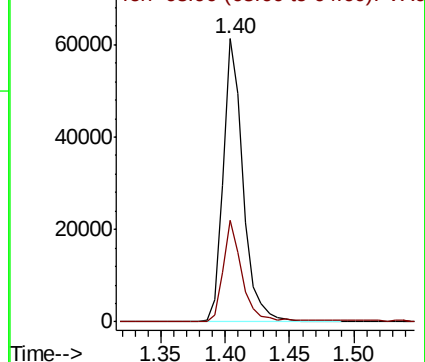
62 100

64 35.5 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: 20.97 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

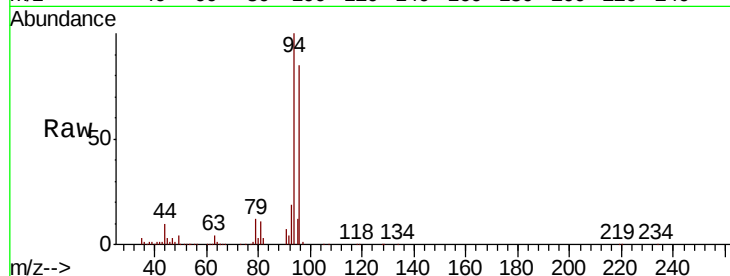
VX0915WBSD02

Tot Ion: 94 Resp: 31472

Ion Ratio Lower Upper

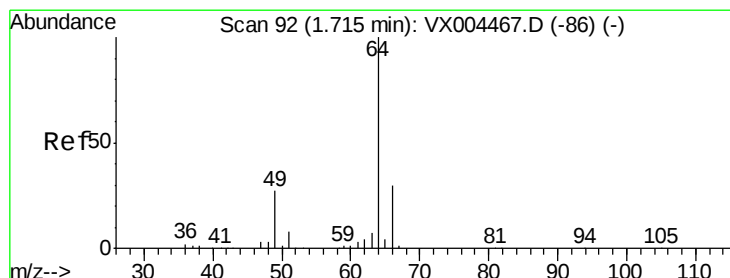
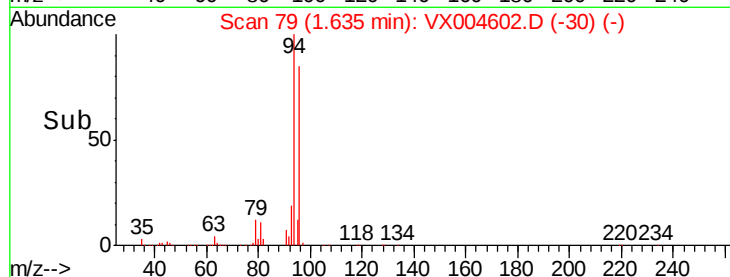
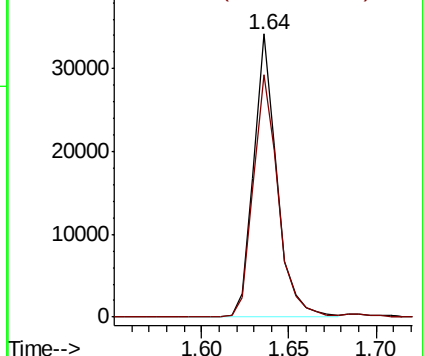
94 100

96 85.6 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: 22.15 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004602.D

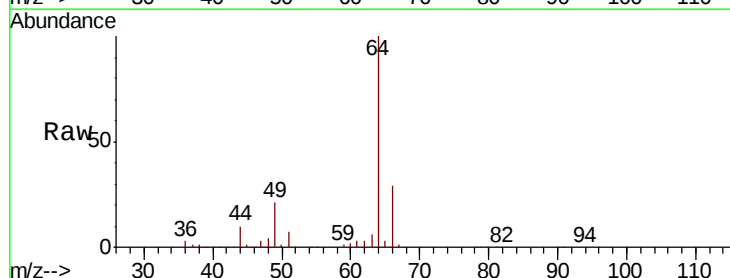
Acq: 16 Sep 2018 00:00

Tgt Ion: 64 Resp: 49727

Ion Ratio Lower Upper

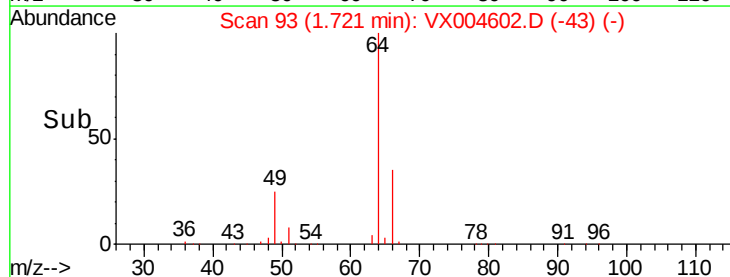
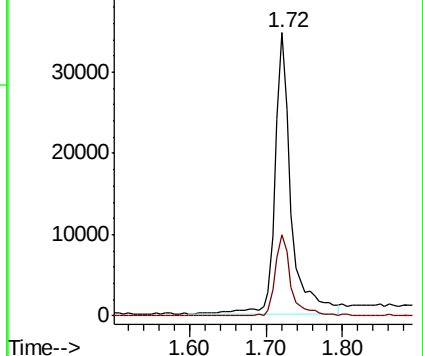
64 100

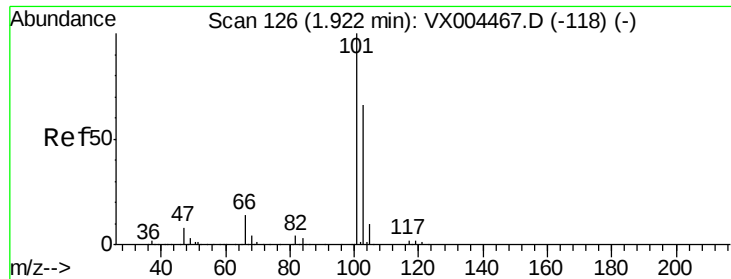
66 28.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.42 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

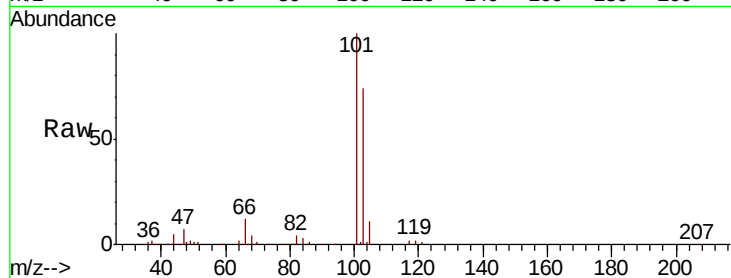
VX0915WBSD02

Tot Ion:101 Resp: 89386

Ion Ratio Lower Upper

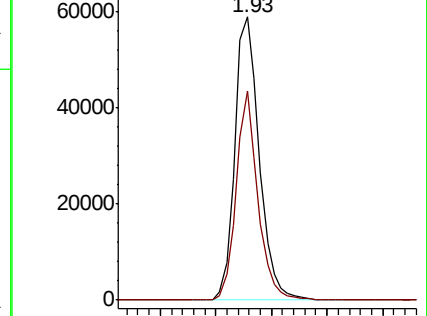
101 100

103 73.7 48.9 73.3#

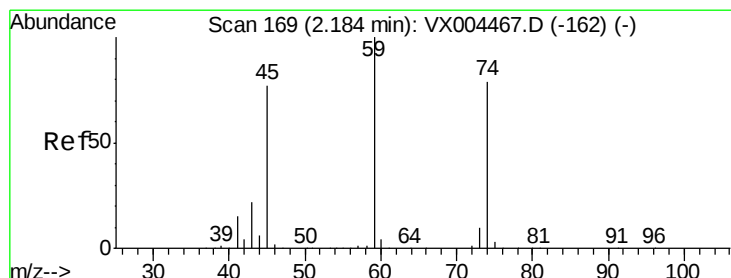
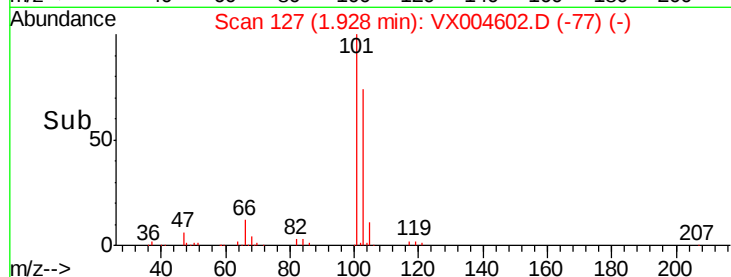


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 20.28 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004602.D

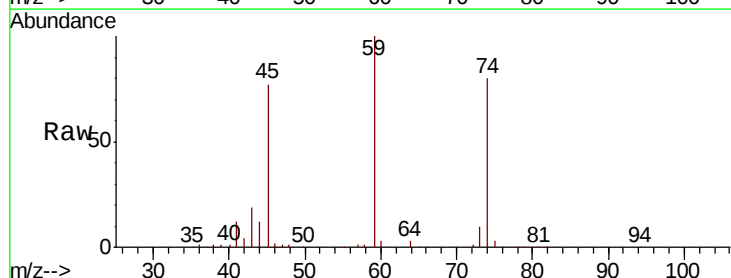
Acq: 16 Sep 2018 00:00

Tgt Ion: 74 Resp: 41845

Ion Ratio Lower Upper

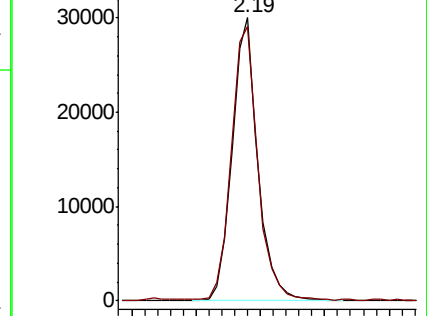
74 100

45 99.6 48.3 144.8

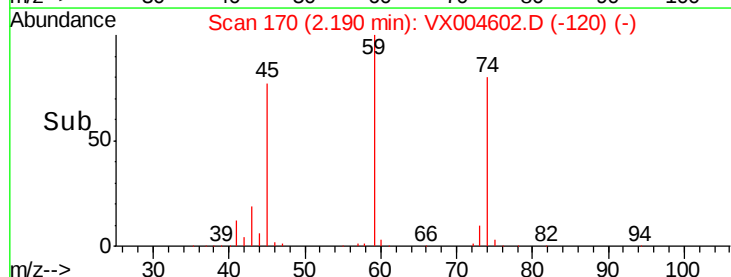


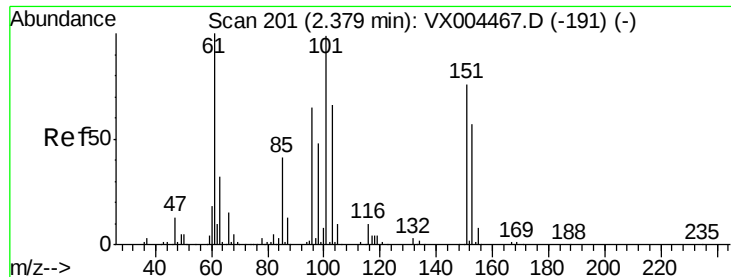
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.61 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

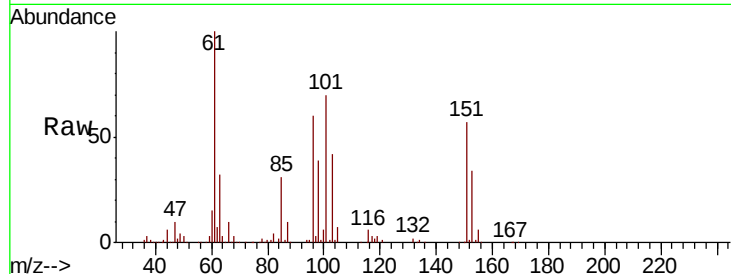
Tot Ion:101 Resp: 57245

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

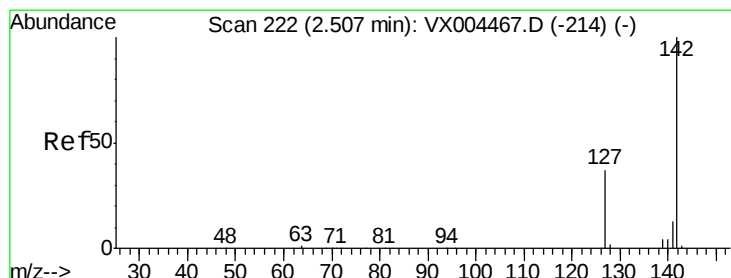
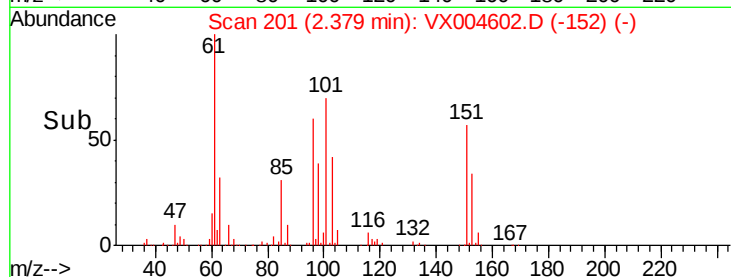
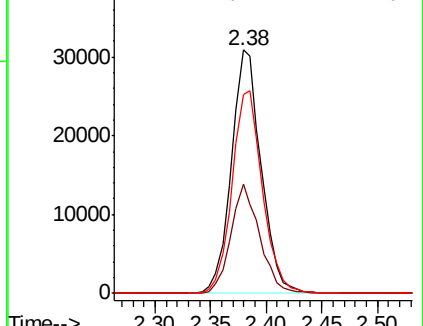
151 84.9 65.0 97.6



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: 16.38 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

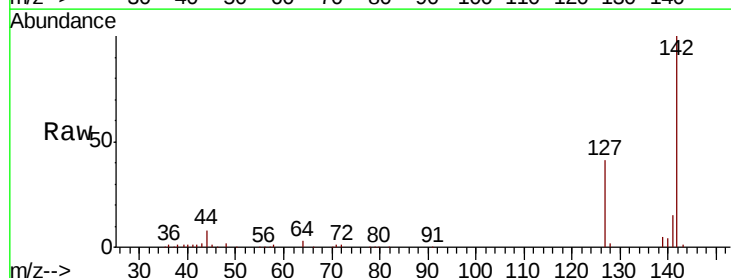
Tgt Ion:142 Resp: 46228

Ion Ratio Lower Upper

142 100

127 40.0 33.8 50.6

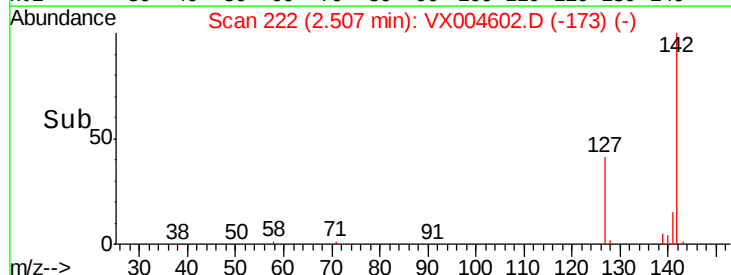
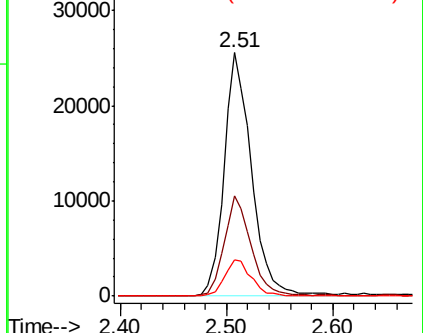
141 14.3 11.4 17.0

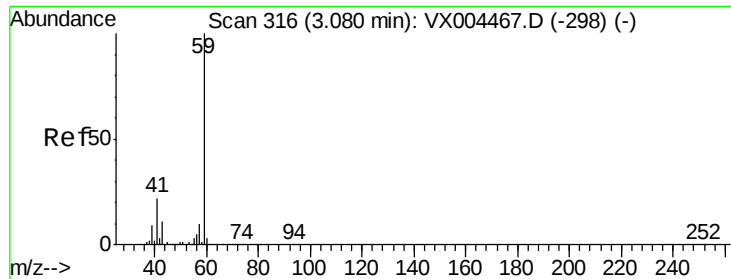


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

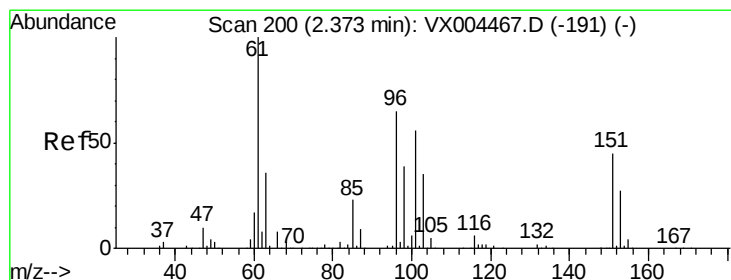
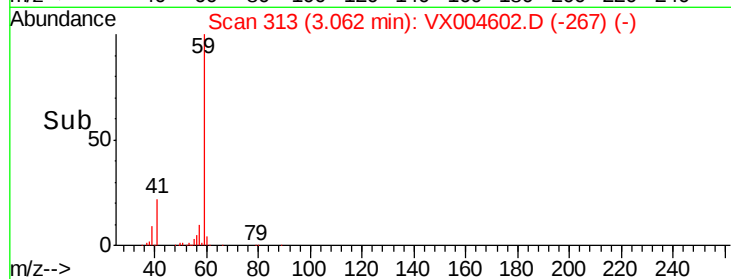
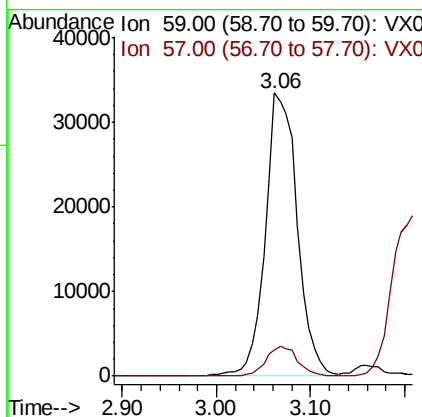
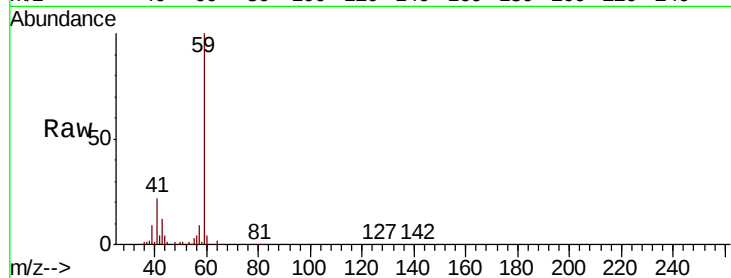




#11
Tert butyl alcohol
Concen: 98.67 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

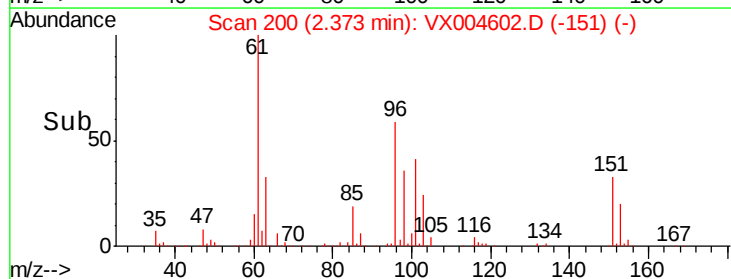
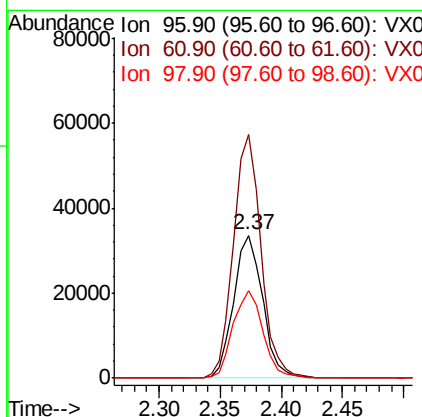
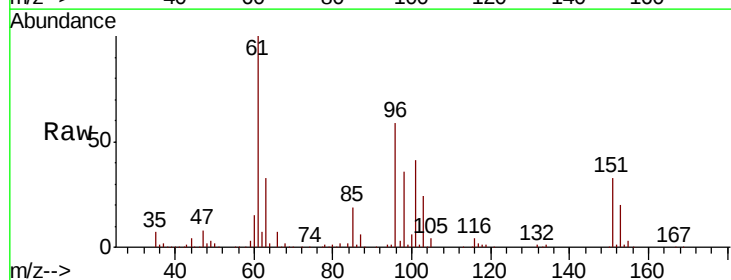
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

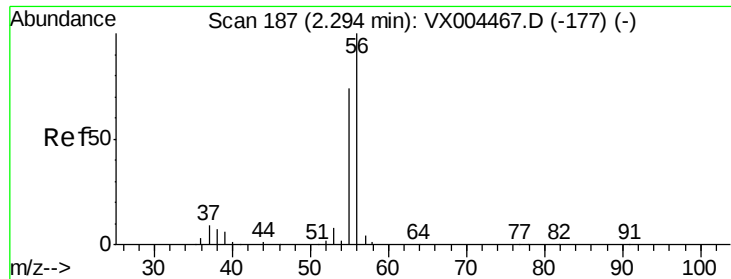
Tot Ion: 59 Resp: 79604
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.09 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 96 Resp: 55039
Ion Ratio Lower Upper
96 100
61 170.1 128.8 193.2
98 61.4 52.2 78.2

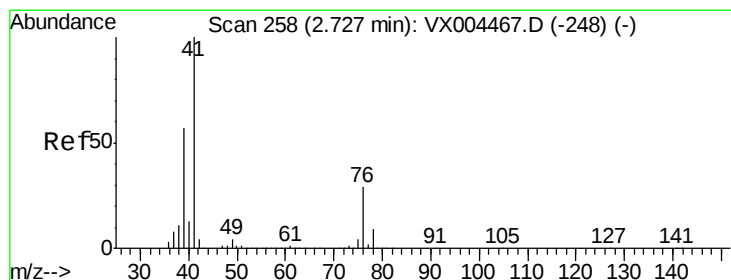
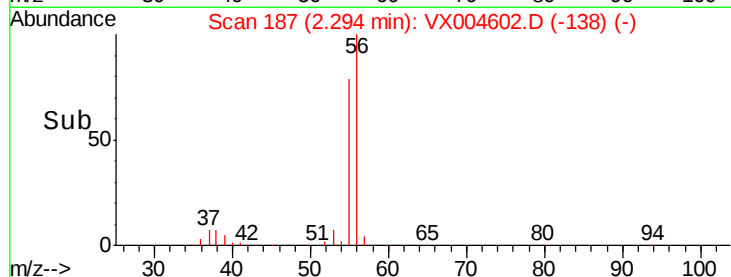
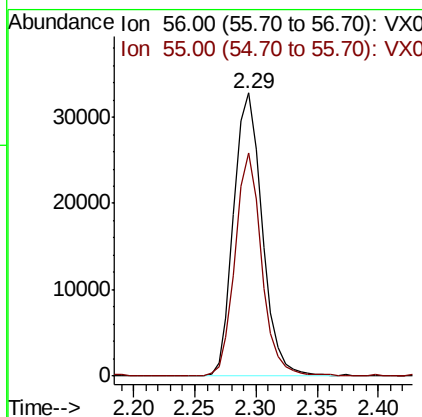
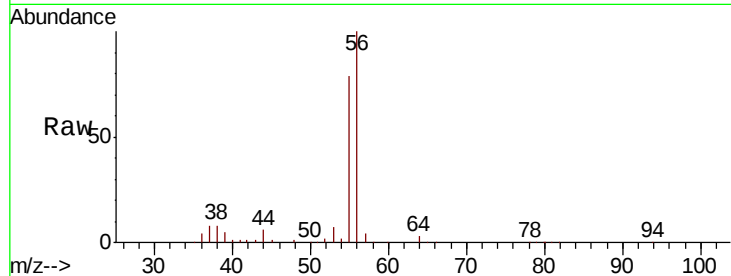




#13
Acrolein
Concen: 166.82 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

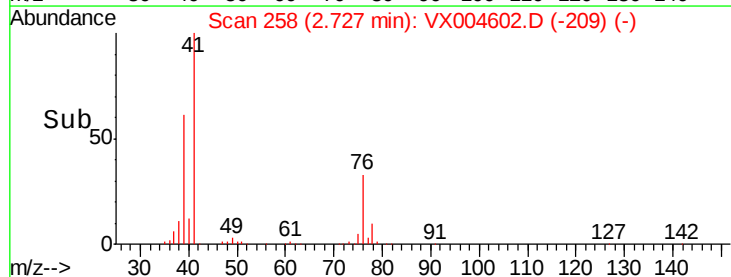
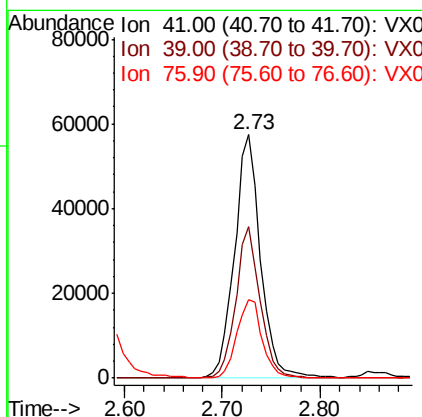
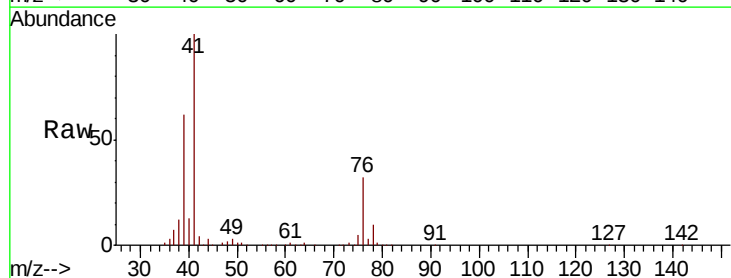
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

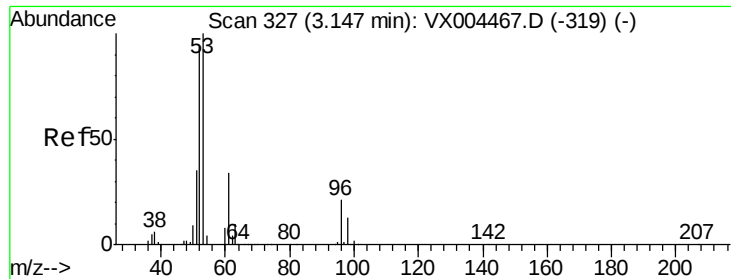
Tot Ion: 56 Resp: 53127
Ion Ratio Lower Upper
56 100
55 73.4 54.7 82.1



#14
Allyl chloride
Concen: 18.73 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 41 Resp: 105520
Ion Ratio Lower Upper
41 100
39 57.9 48.9 73.3
76 32.0 26.7 40.1





#15

Acrylonitrile

Concen: 98.02 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

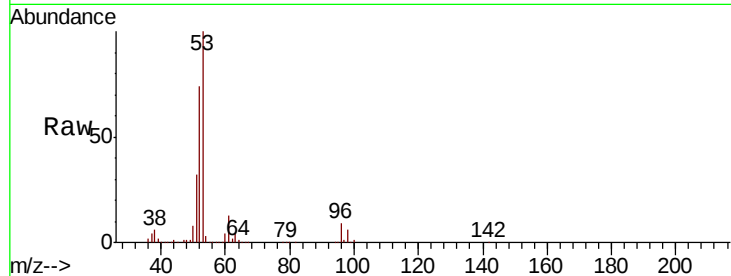
Tot Ion: 53 Resp: 190443

Ion Ratio Lower Upper

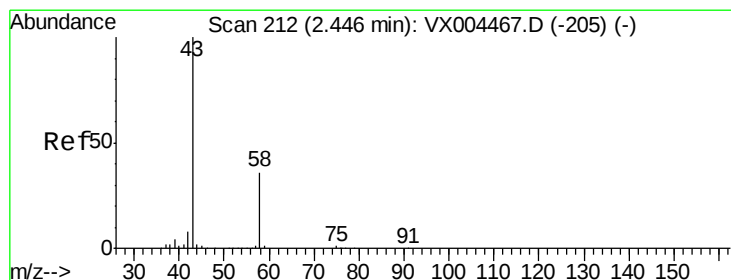
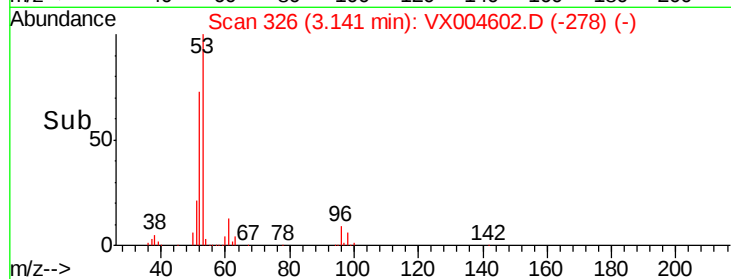
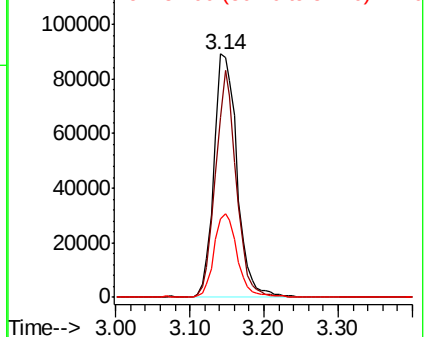
53 100

52 83.6 65.2 97.8

51 34.2 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.79 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004602.D

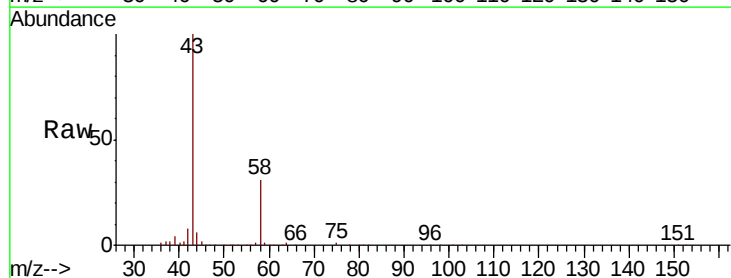
Acq: 16 Sep 2018 00:00

Tgt Ion: 43 Resp: 149832

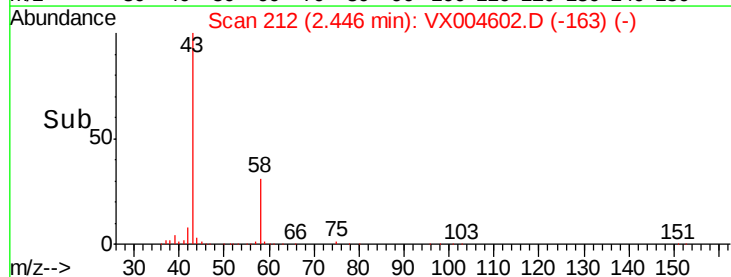
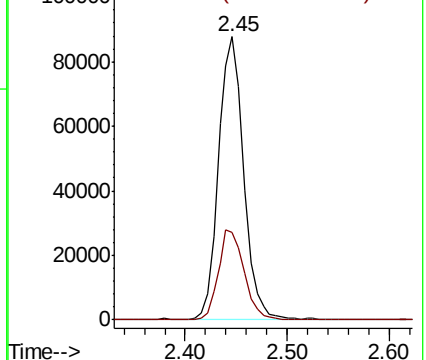
Ion Ratio Lower Upper

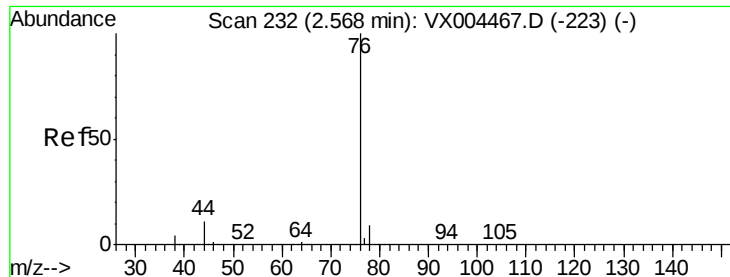
43 100

58 30.8 26.2 39.4



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

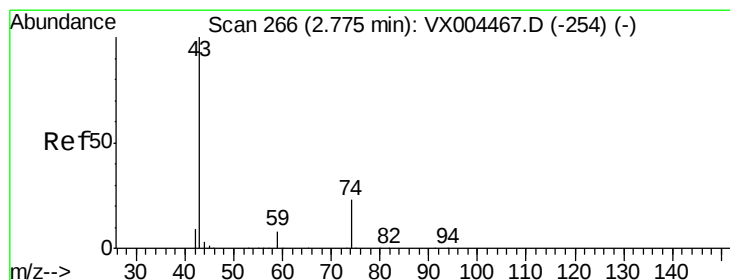
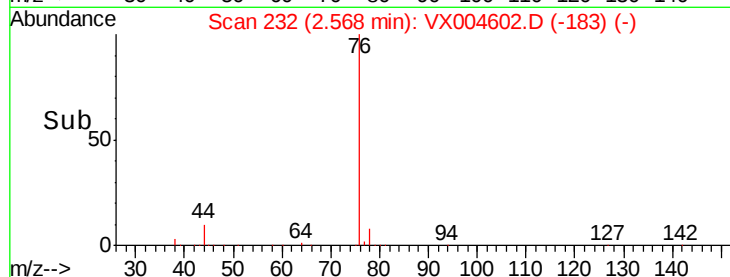
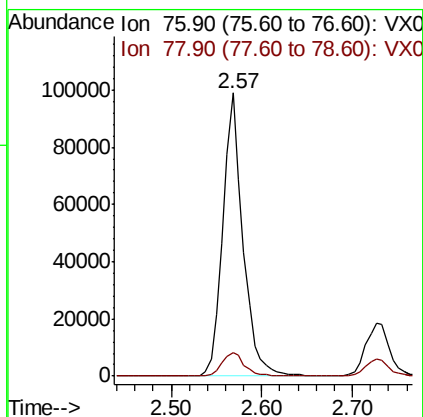
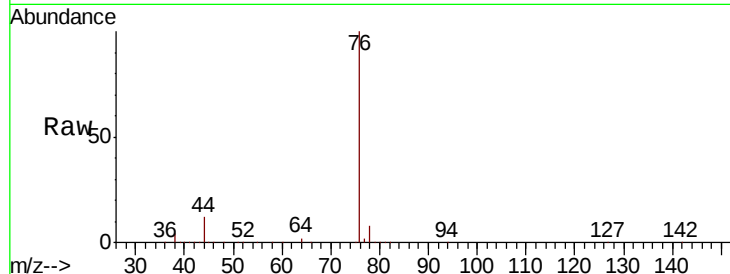




#17
Carbon Disulfide
Concen: 19.26 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

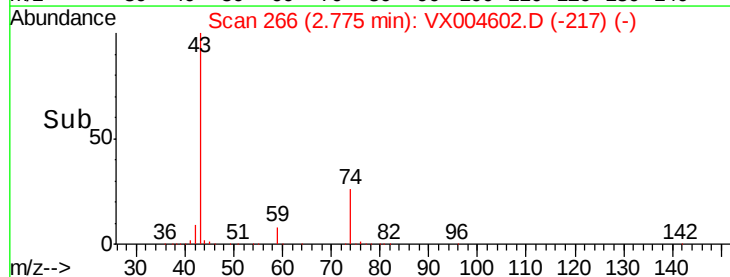
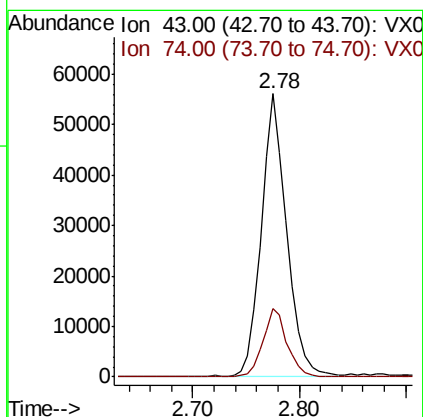
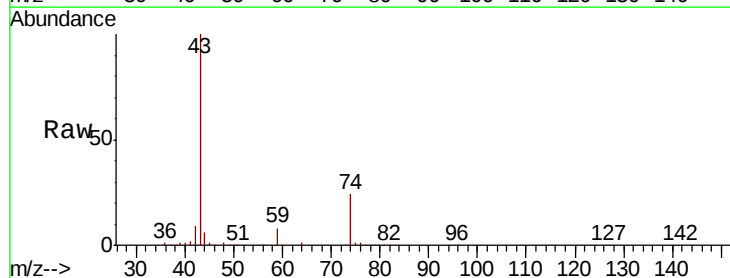
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

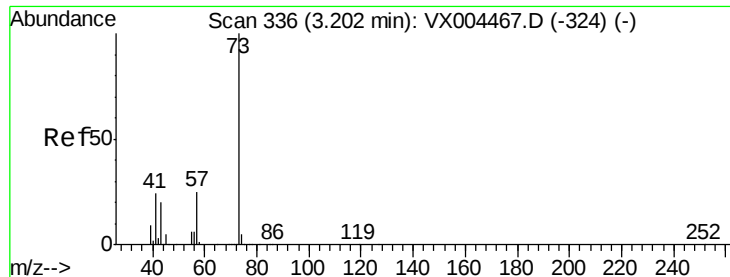
Tot Ion: 76 Resp: 152514
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.12 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 43 Resp: 93148
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2



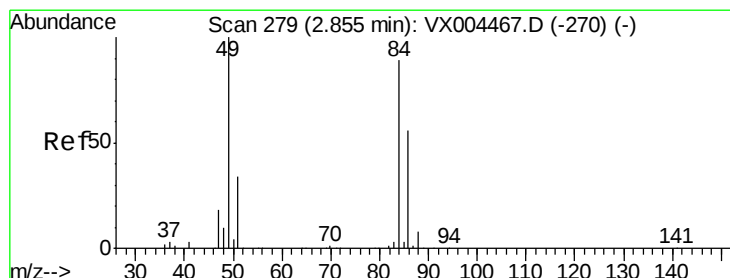
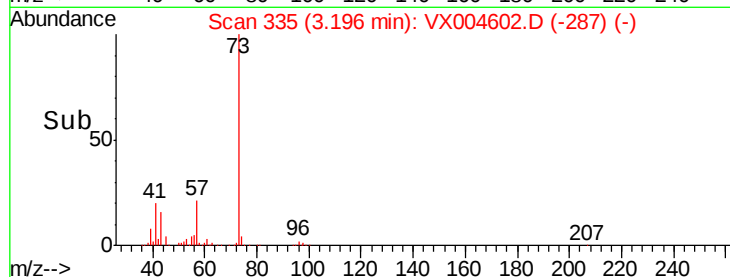
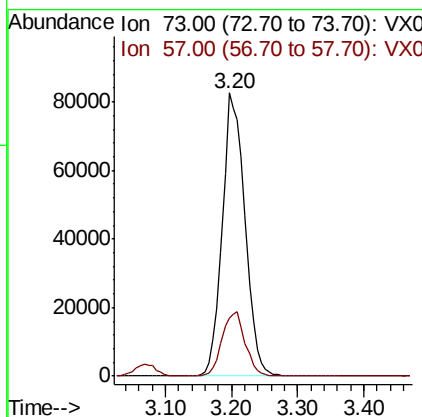
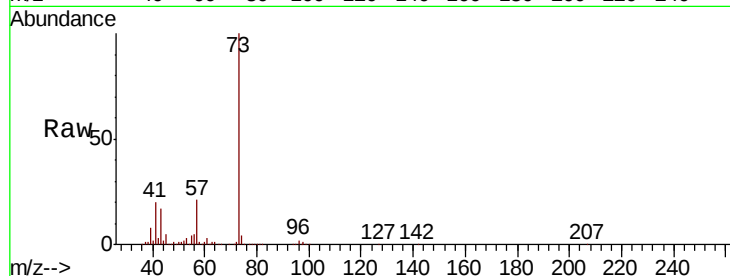


#19

Methyl tert-butyl Ether
 Concen: 20.39 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0915WBSD02

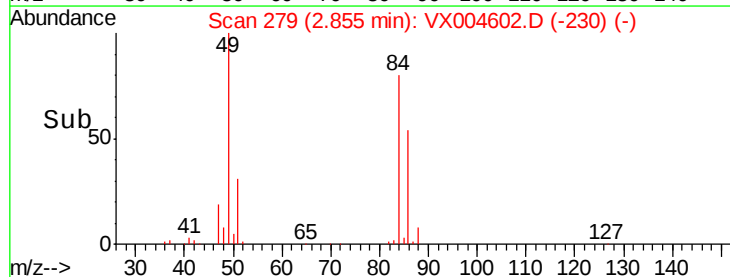
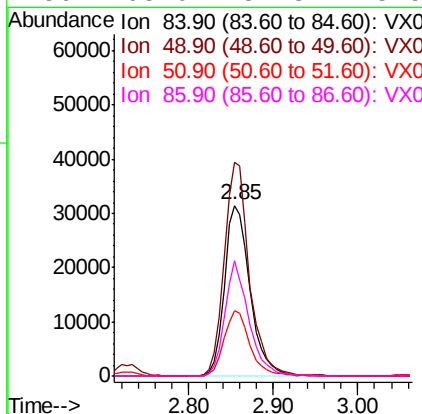
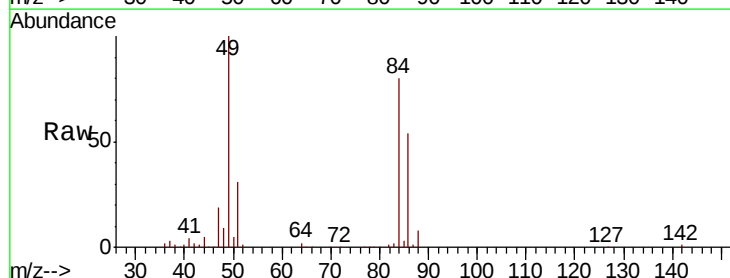
Tot Ion: 73 Resp: 196018
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.1 25.7



#20

Methylene Chloride
 Concen: 19.31 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion: 84 Resp: 65369
 Ion Ratio Lower Upper
 84 100
 49 125.4 101.2 151.8
 51 38.5 29.5 44.3
 86 68.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.82 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

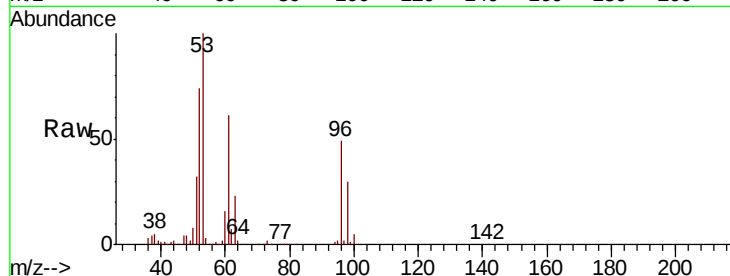
Tot Ion: 96 Resp: 60014

Ion Ratio Lower Upper

96 100

61 124.3 113.8 170.6

98 61.2 51.8 77.8

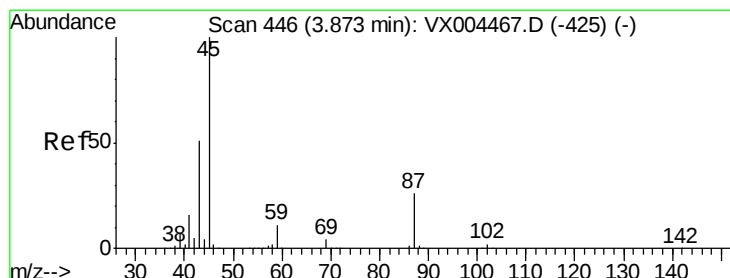
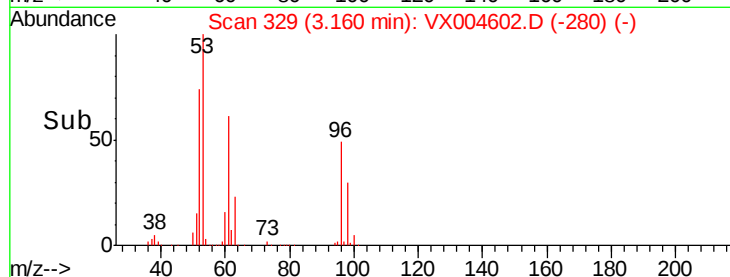
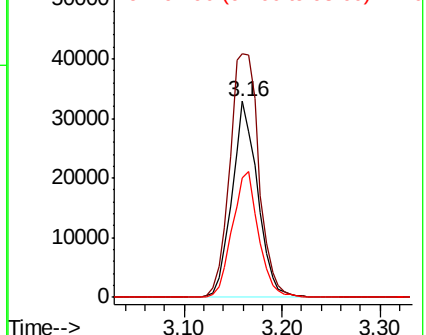


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.33 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Tgt Ion: 45 Resp: 206258

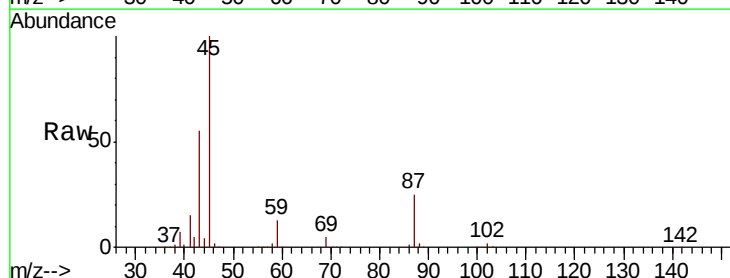
Ion Ratio Lower Upper

45 100

43 55.1 42.8 64.2

87 25.2 22.6 34.0

59 12.5 9.6 14.4



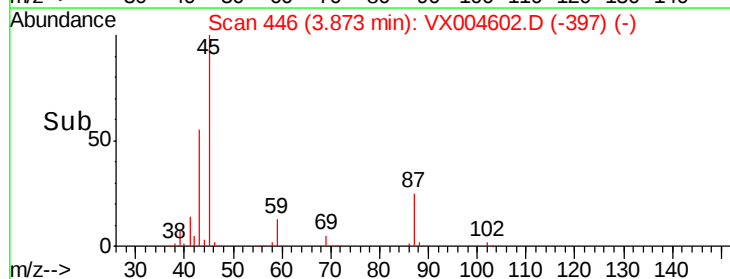
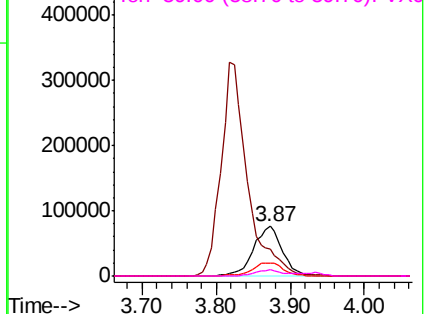
Abundance

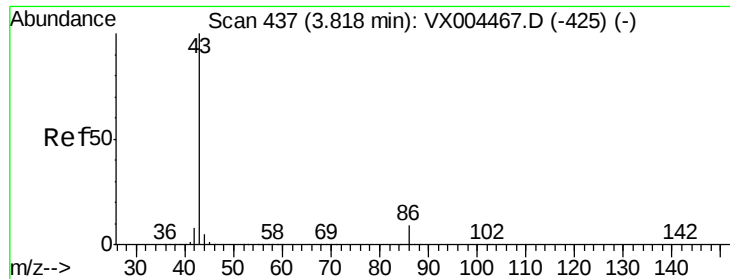
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.53 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

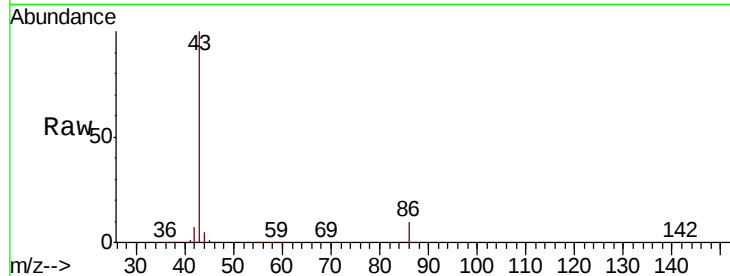
VX0915WBSD02

Tot Ion: 43 Resp: 817129

Ion Ratio Lower Upper

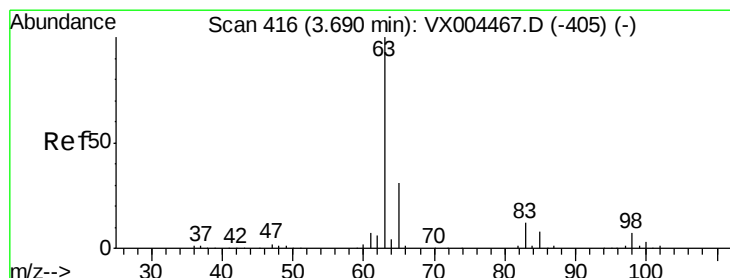
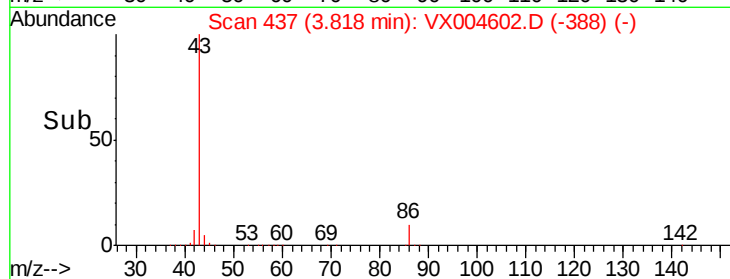
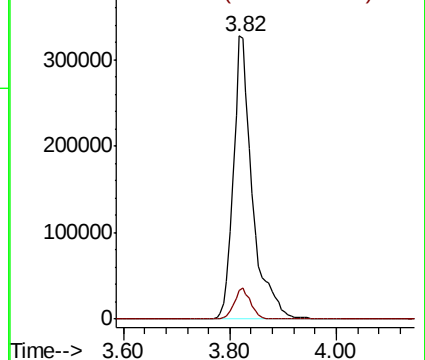
43 100

86 10.2 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: 20.00 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

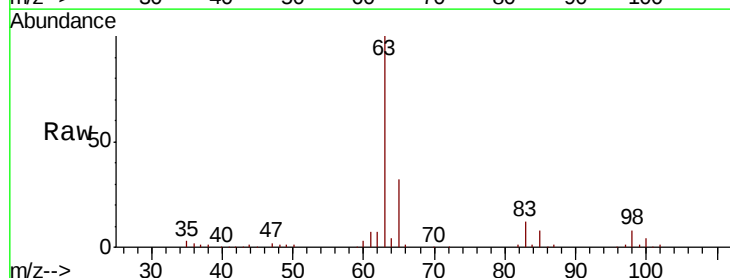
Tgt Ion: 63 Resp: 114571

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

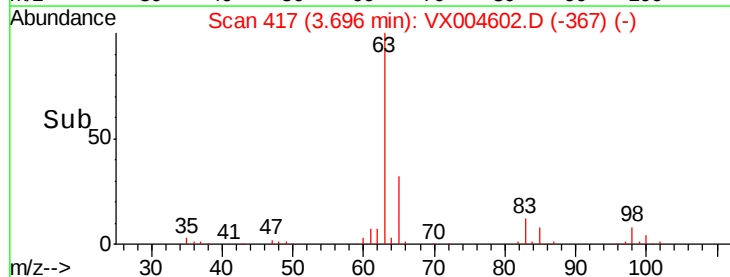
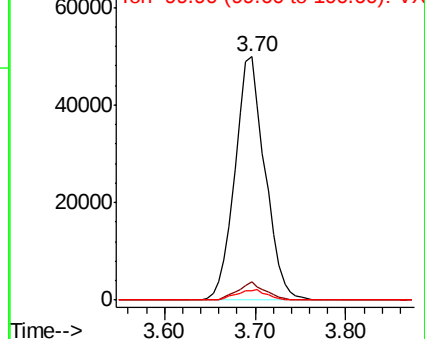
100 4.0 2.4 7.1

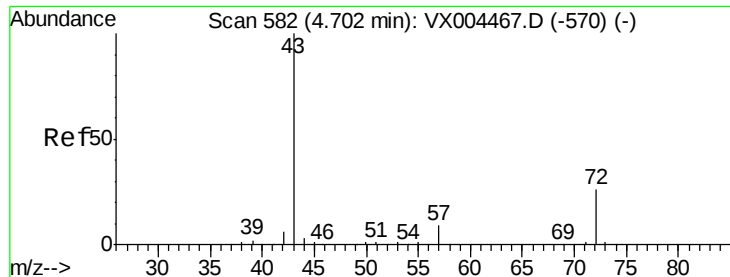


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.49 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

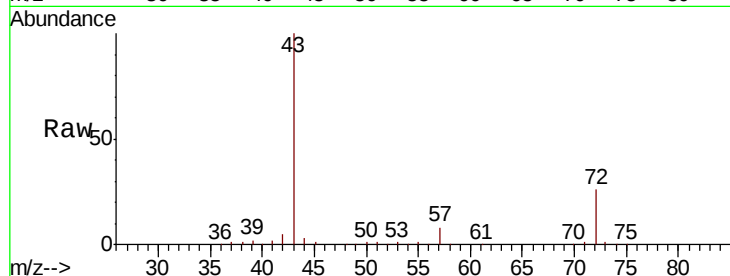
VX0915WBSD02

Tot Ion: 43 Resp: 235042

Ion Ratio Lower Upper

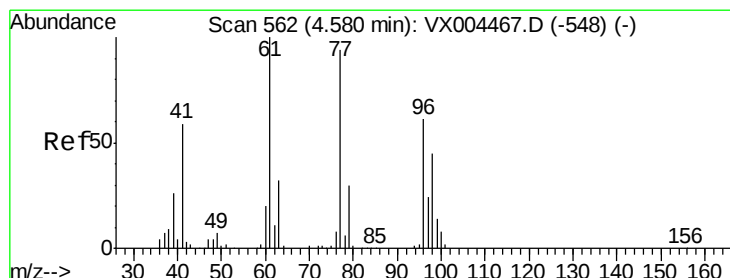
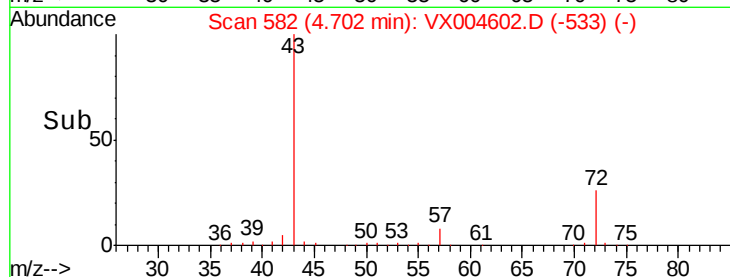
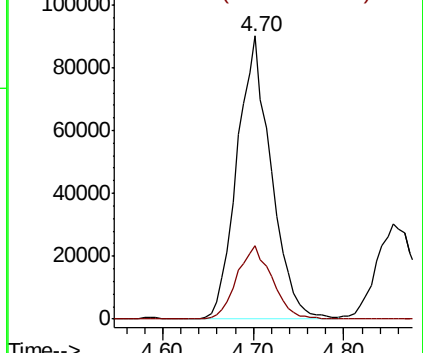
43 100

72 26.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.08 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004602.D

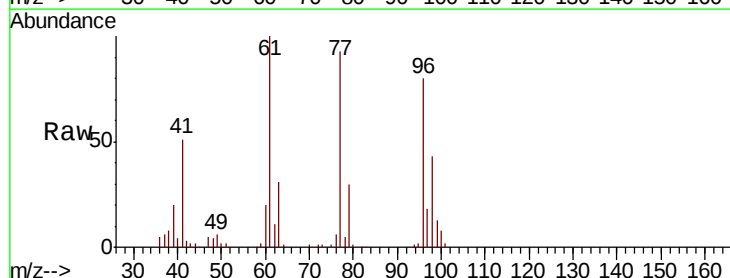
Acq: 16 Sep 2018 00:00

Tgt Ion: 77 Resp: 63247

Ion Ratio Lower Upper

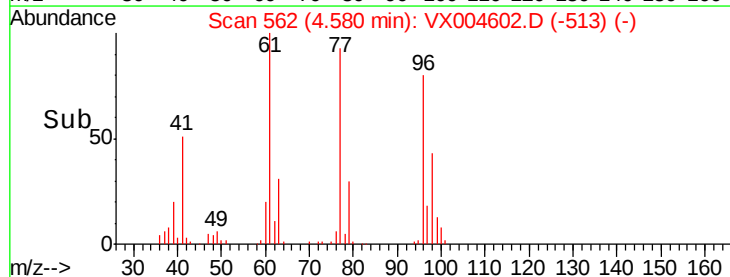
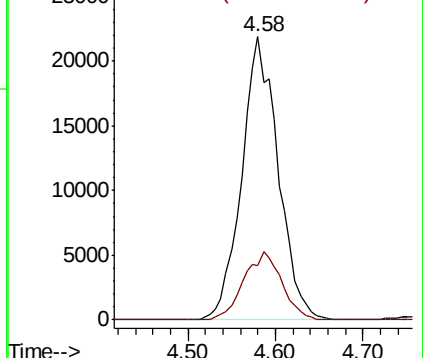
77 100

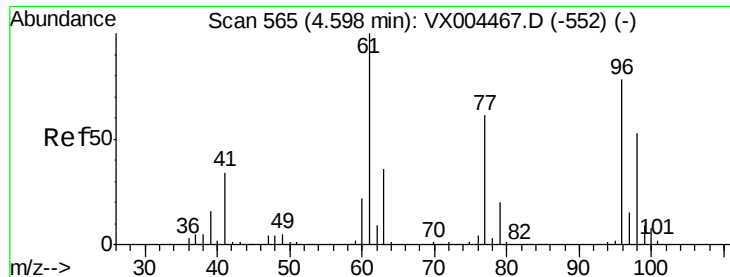
97 25.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.59 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

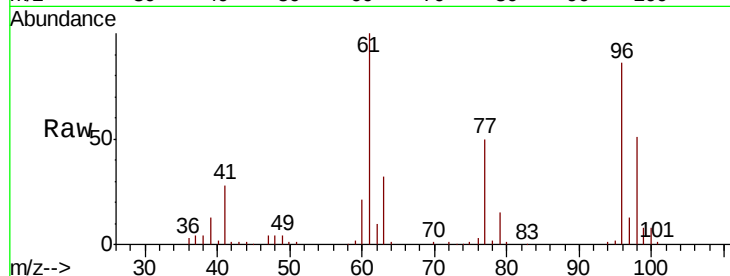
Tot Ion: 96 Resp: 69586

Ion Ratio Lower Upper

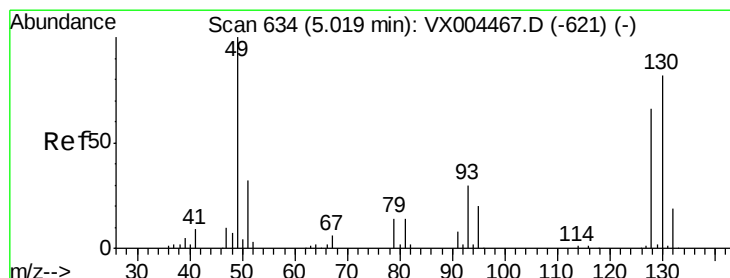
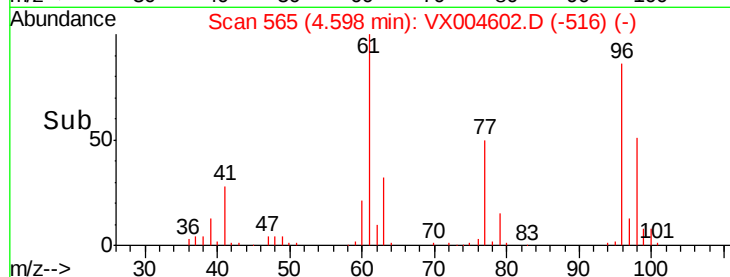
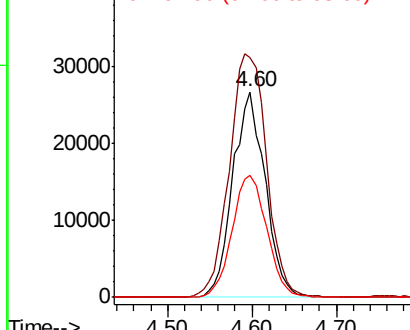
96 100

61 136.2 0.0 282.6

98 63.6 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: 21.56 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

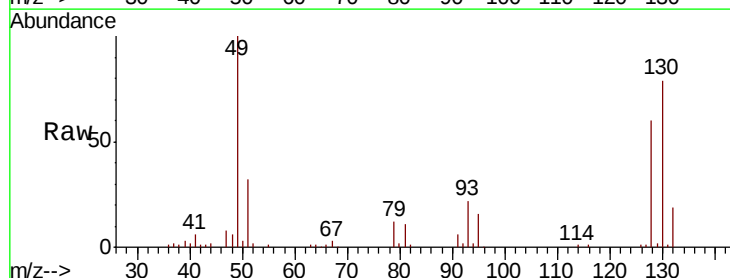
Tgt Ion: 49 Resp: 56489

Ion Ratio Lower Upper

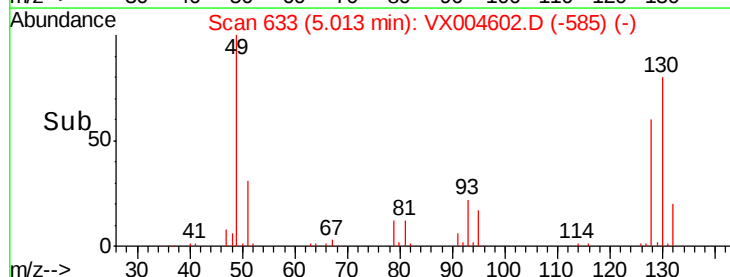
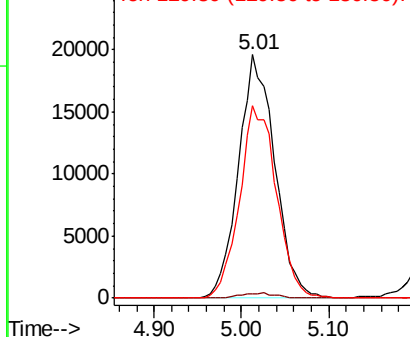
49 100

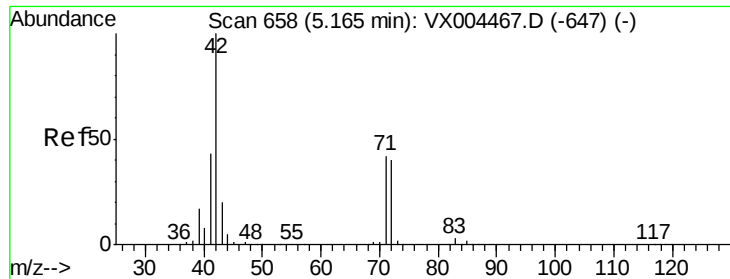
129 2.0 0.0 4.2

130 80.0 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: 97.91 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampled :

VX0915WBSD02

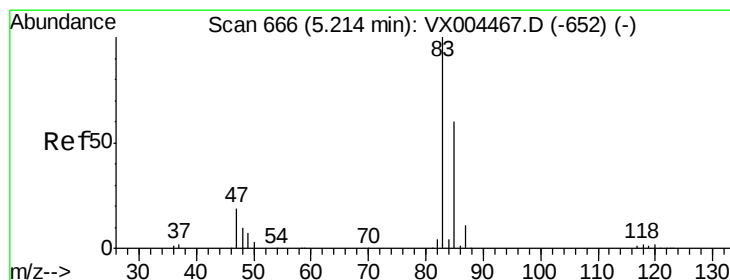
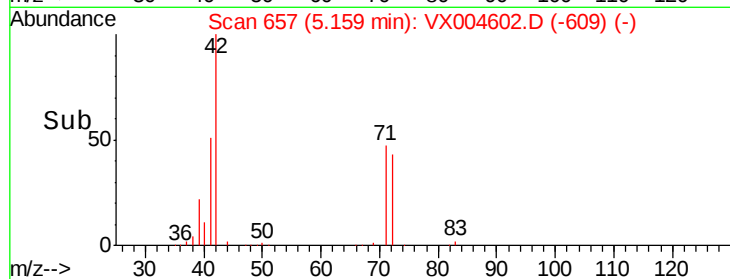
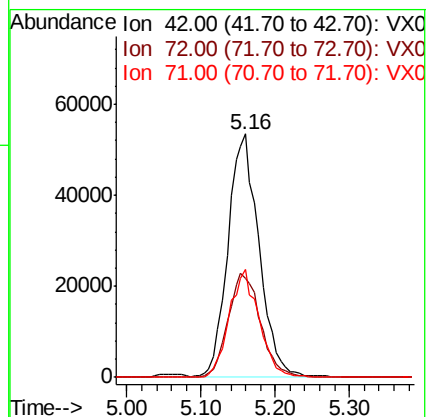
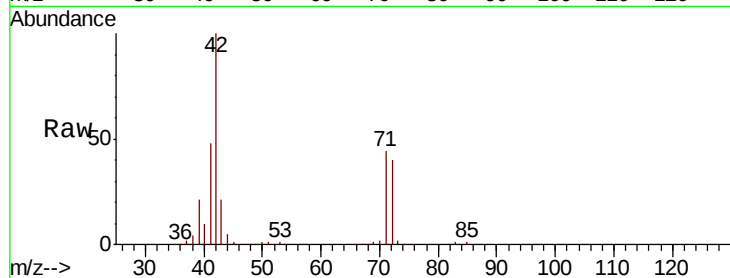
Tot Ion: 42 Resp: 155079

Ion Ratio Lower Upper

42 100

72 44.9 37.4 56.0

71 42.7 34.5 51.7



#30

Chloroform

Concen: 19.69 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004602.D

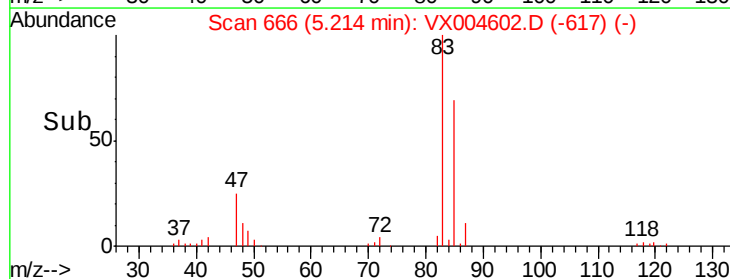
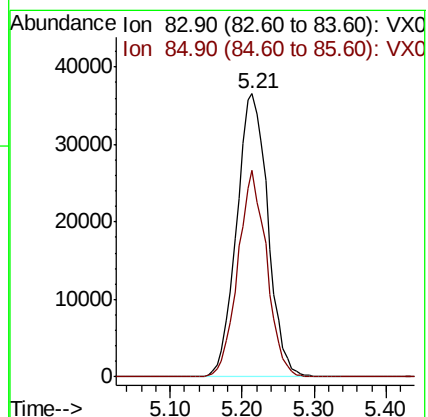
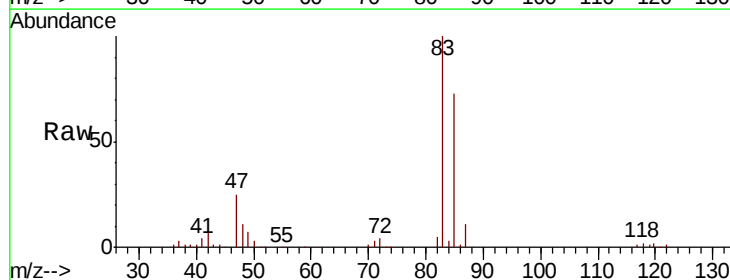
Acq: 16 Sep 2018 00:00

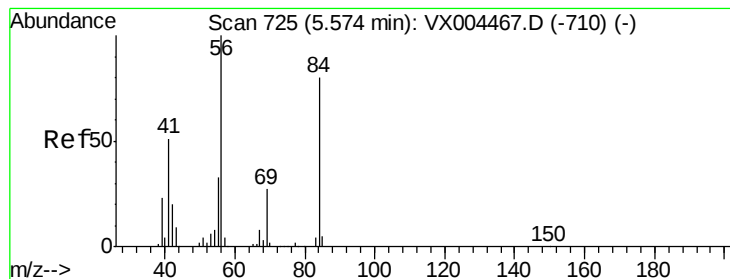
Tgt Ion: 83 Resp: 110092

Ion Ratio Lower Upper

83 100

85 73.0 52.6 79.0





#31

Cyclohexane

Concen: 20.24 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

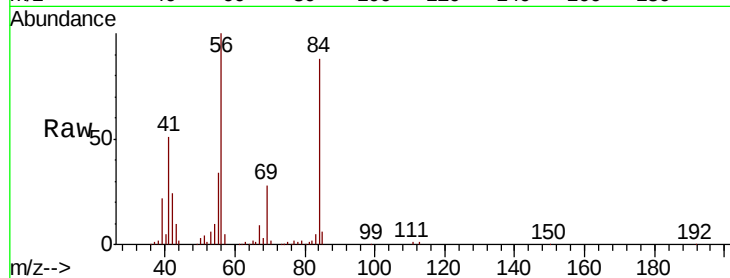
Tot Ion: 56 Resp: 98977

Ion Ratio Lower Upper

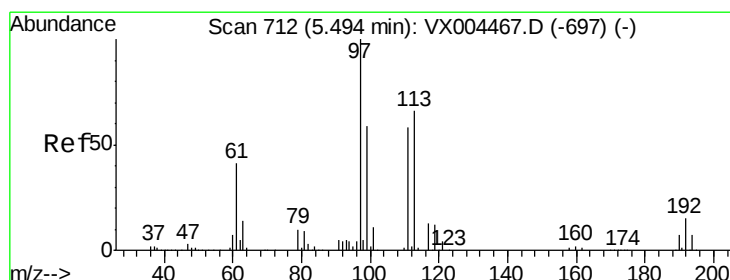
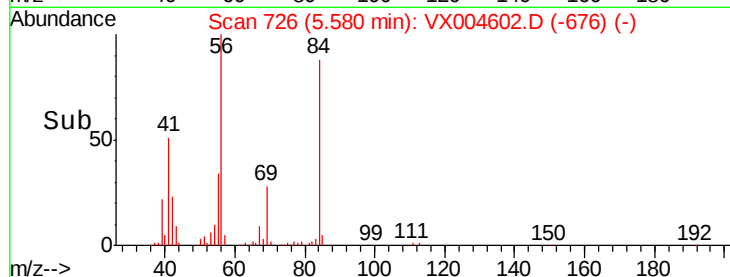
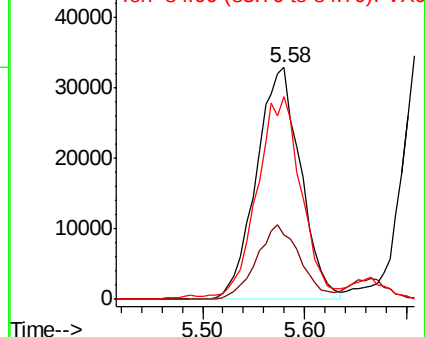
56 100

69 27.6 25.4 38.2

84 85.8 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: 20.68 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

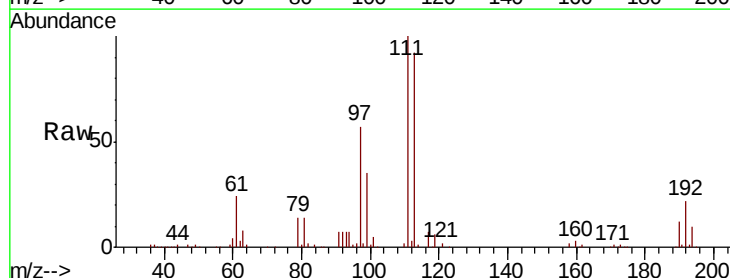
Tgt Ion: 97 Resp: 93146

Ion Ratio Lower Upper

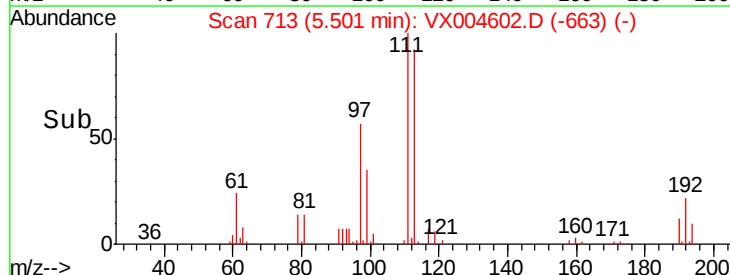
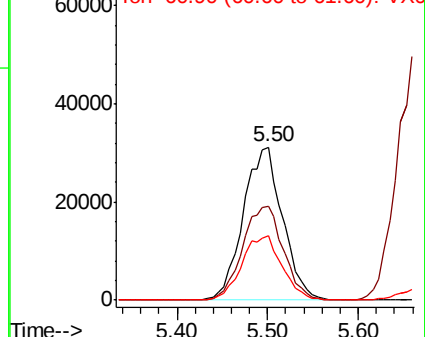
97 100

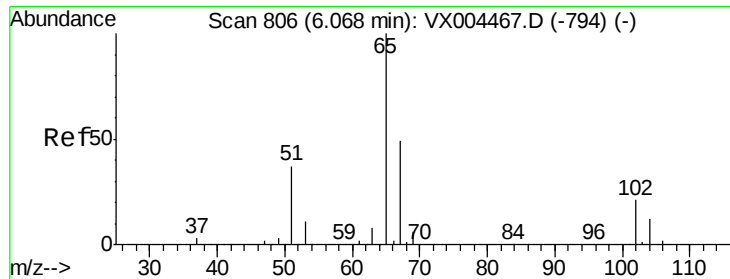
99 63.9 52.0 78.0

61 43.1 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: 49.00 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

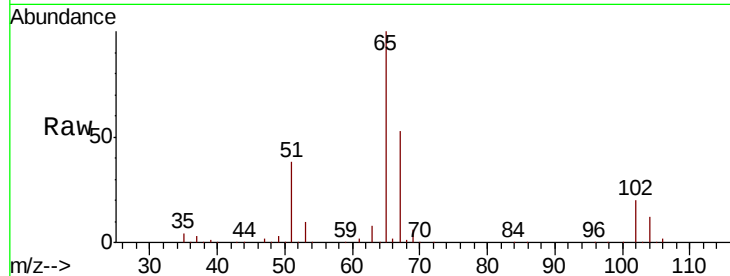
VX0915WBSD02

Tot Ion: 65 Resp: 165661

Ion Ratio Lower Upper

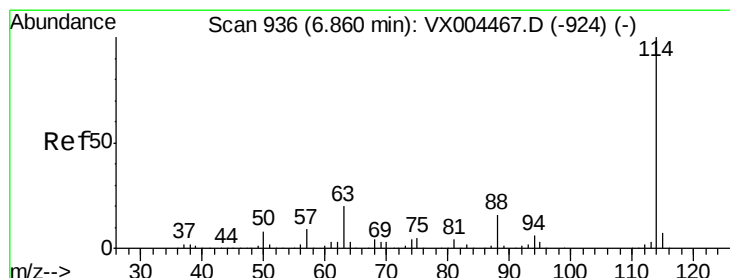
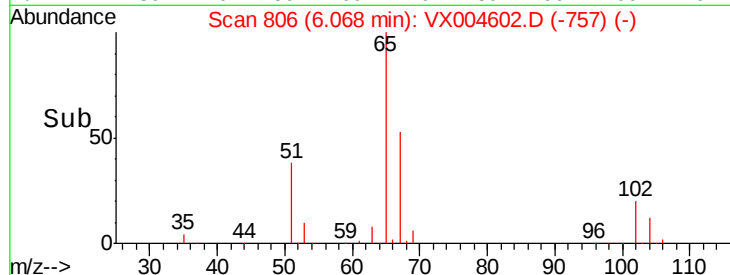
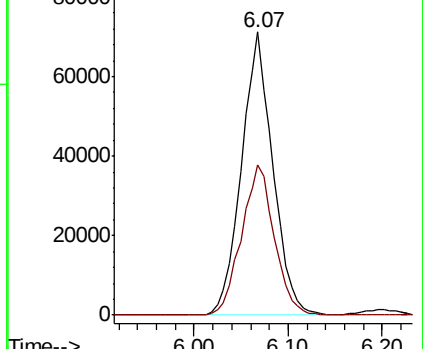
65 100

67 55.6 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: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

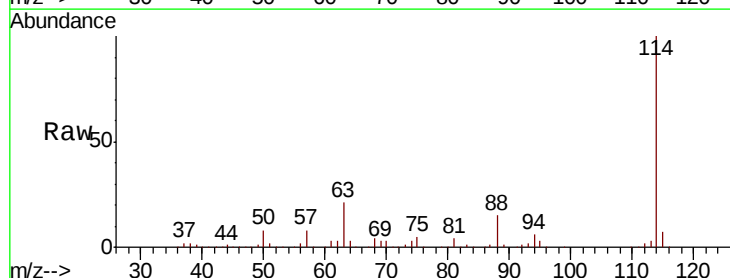
Tgt Ion: 114 Resp: 339291

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.0

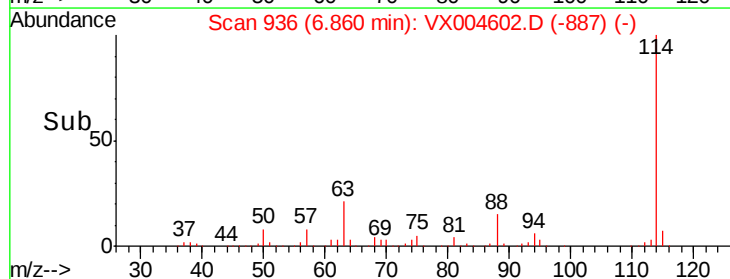
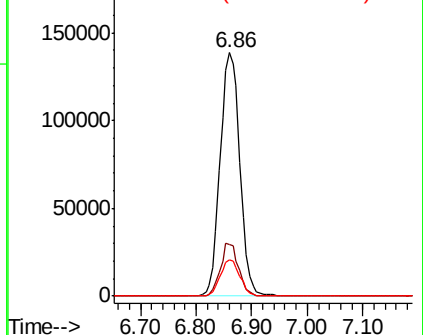
88 15.1 0.0 30.4



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

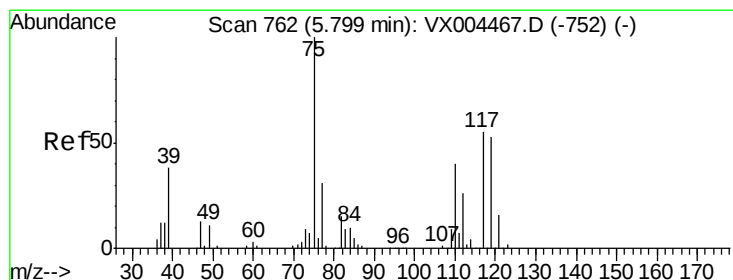
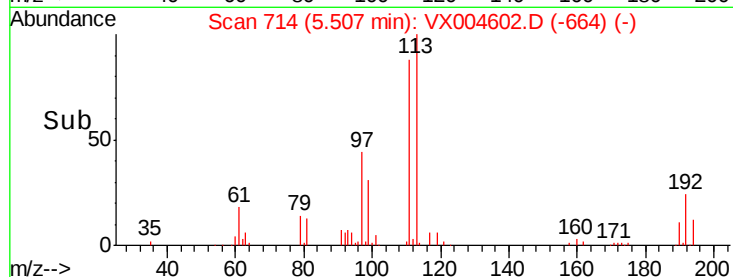
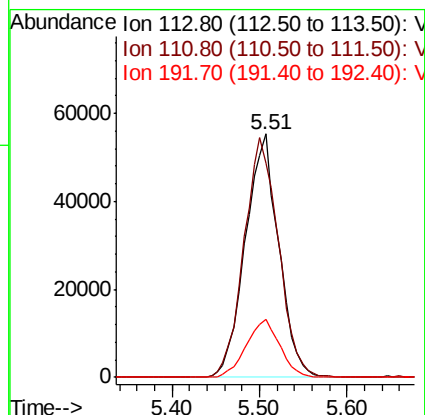
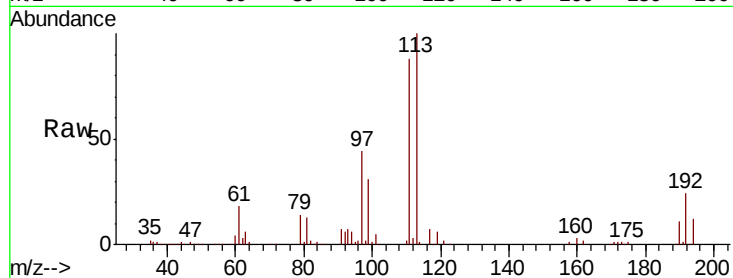




#35
Dibromofluoromethane
Concen: 47.23 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

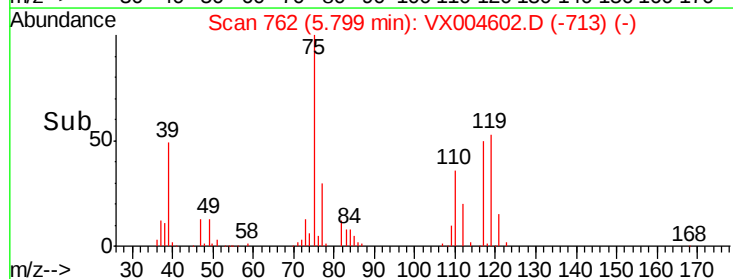
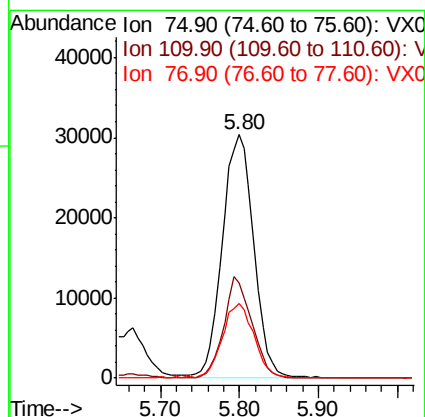
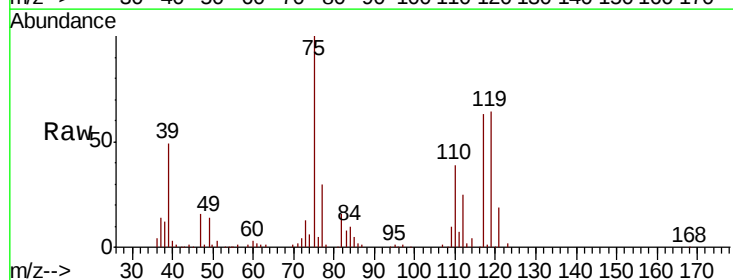
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

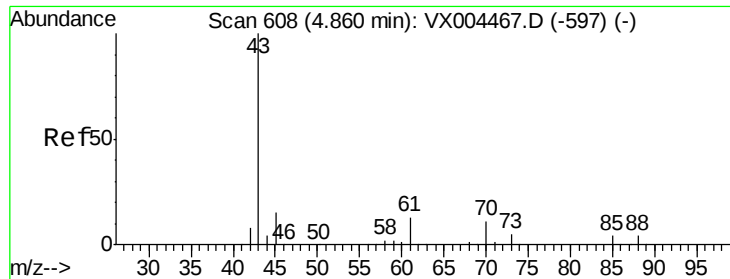
Tot Ion:113 Resp: 146656
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 23.9 19.4 29.2



#36
1,1-Dichloropropene
Concen: 20.50 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 75 Resp: 84455
Ion Ratio Lower Upper
75 100
110 37.2 18.0 54.0
77 30.8 24.6 36.8

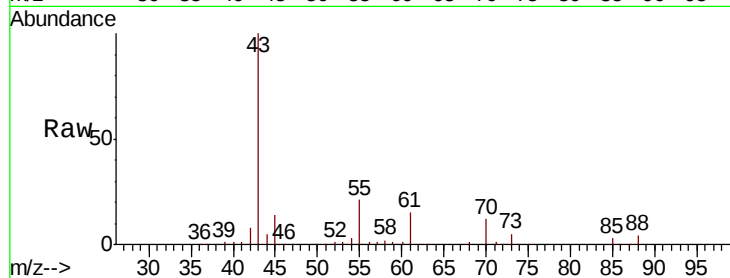




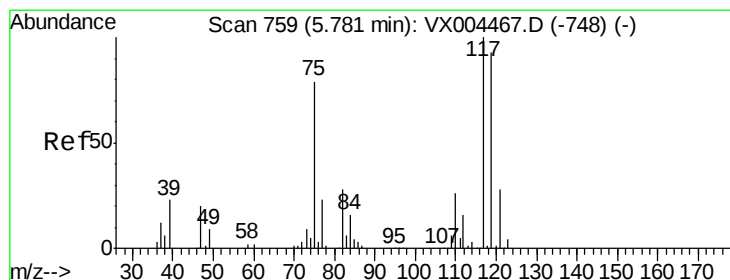
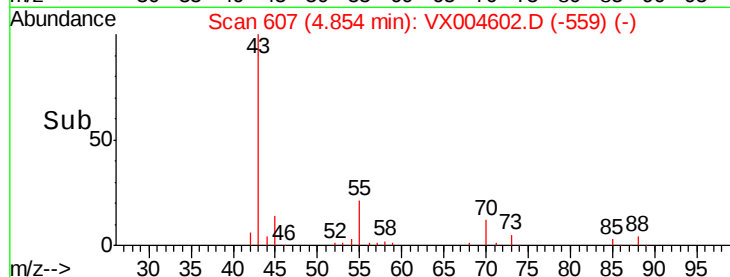
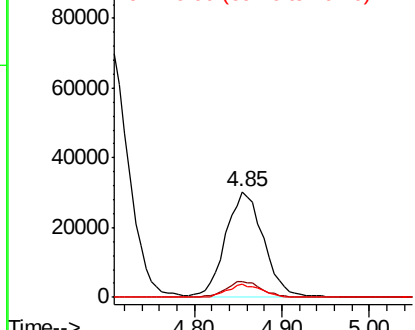
#37
Ethyl Acetate
Concen: 19.11 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Tot Ion: 43 Resp: 89537
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 11.5 9.0 13.6

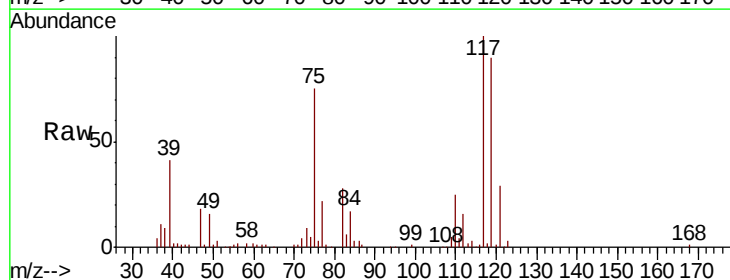


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

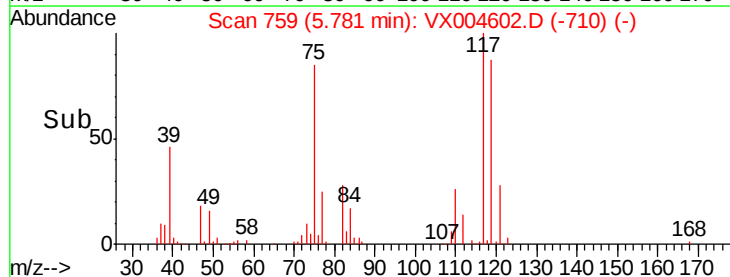
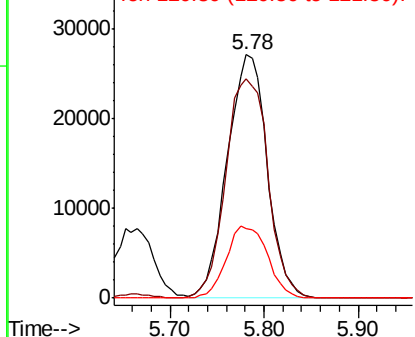


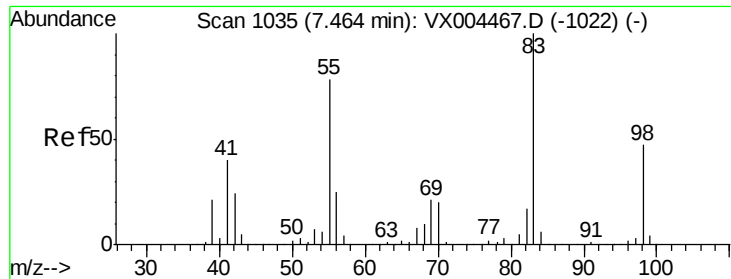
#38
Carbon Tetrachloride
Concen: 19.94 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 117 Resp: 80210
Ion Ratio Lower Upper
117 100
119 89.9 78.8 118.2
121 28.8 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

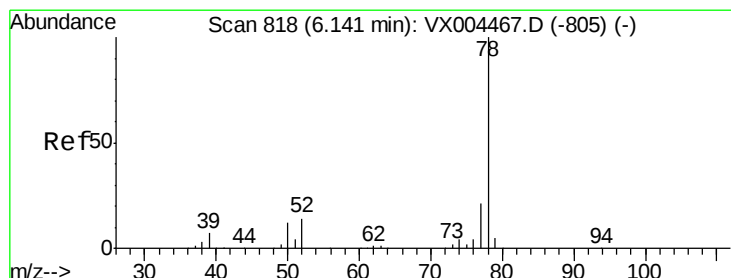
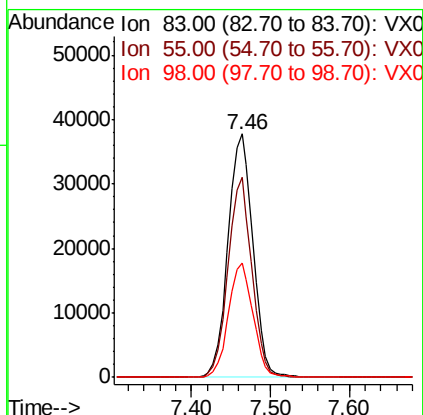
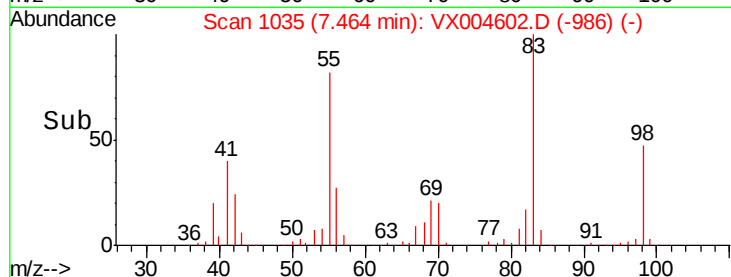
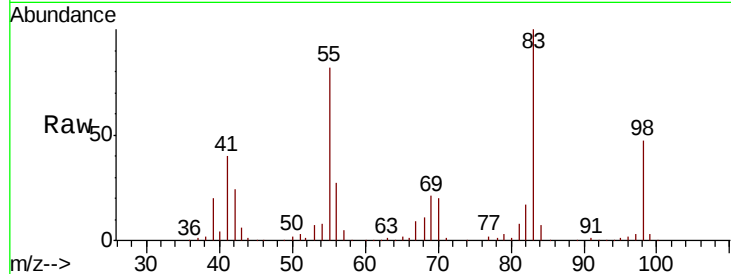




#39
Methvlcvclohexane
Concen: 19.30 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

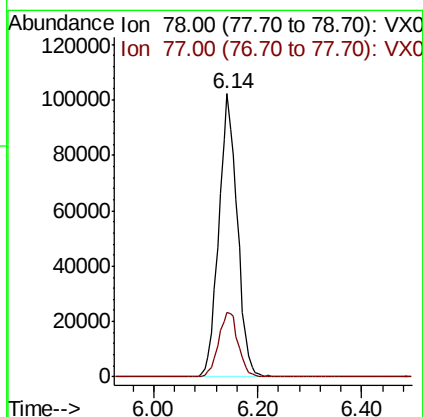
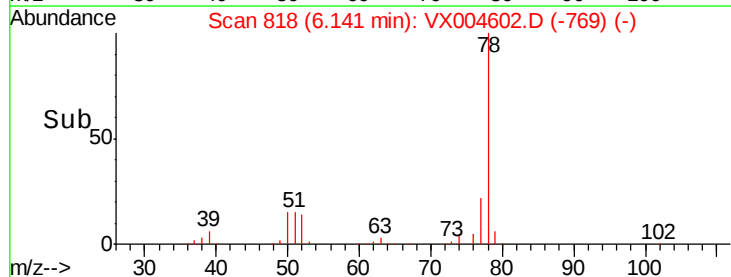
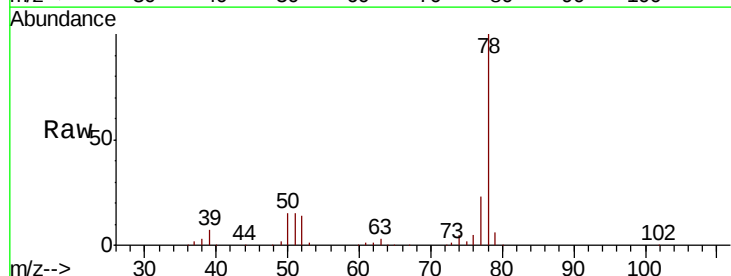
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Tot Ion: 83 Resp: 82961
Ion Ratio Lower Upper
83 100
55 82.0 61.0 91.4
98 47.1 39.6 59.4



#40
Benzene
Concen: 20.86 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 78 Resp: 254909
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

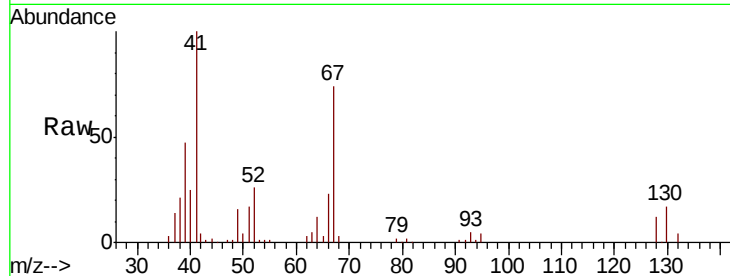




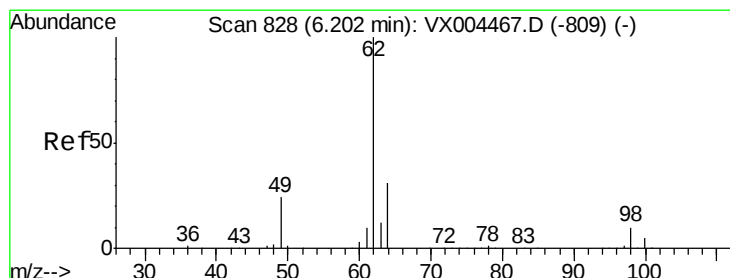
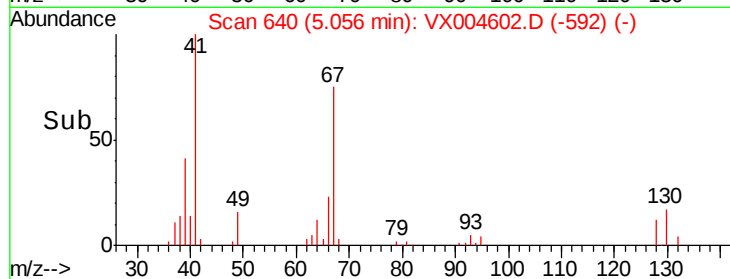
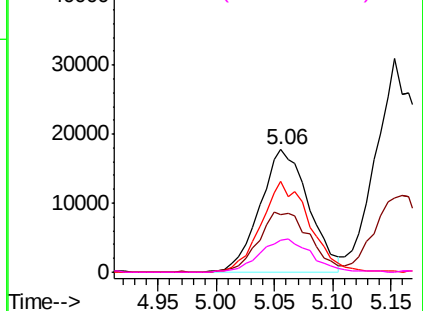
#41
Methacrylonitrile
Concen: 20.07 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Tot Ion:	41	Resp:	51798
Ion	Ratio	Lower	Upper
41	100		
39	51.8	42.4	63.6
67	73.1	59.2	88.8
52	28.5	23.0	34.4

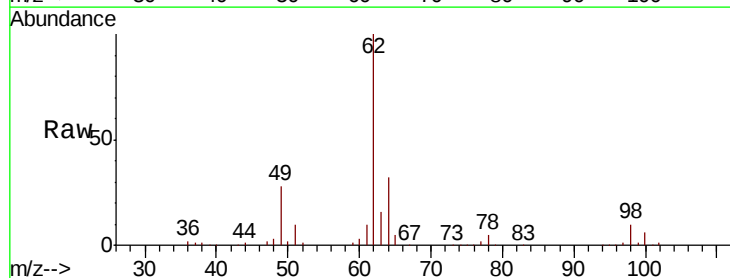


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

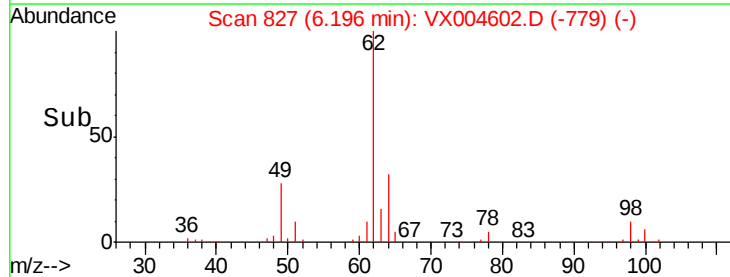
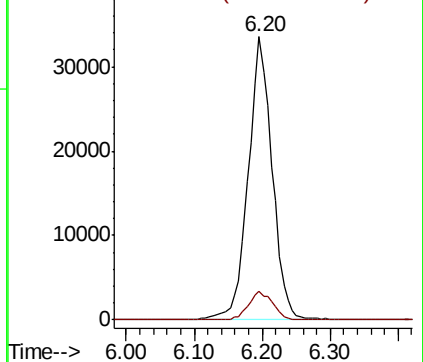


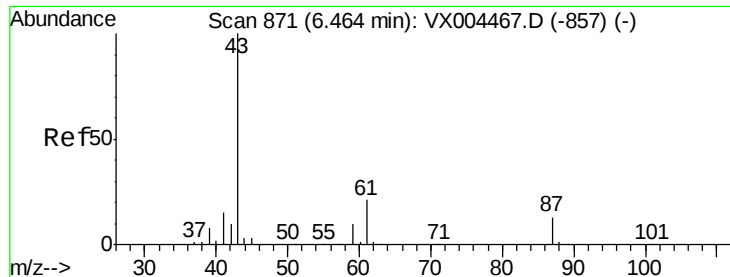
#42
1,2-Dichloroethane
Concen: 20.30 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion:	62	Resp:	82291
Ion	Ratio	Lower	Upper
62	100		
98	10.2	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: 20.53 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

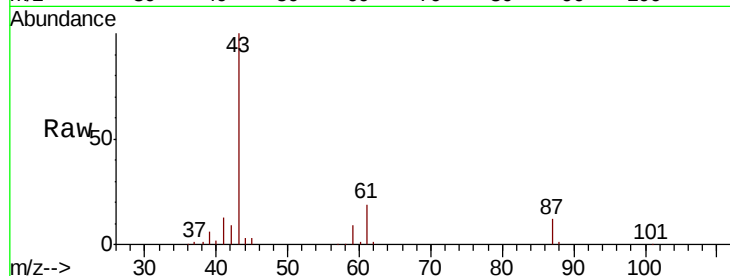
Tot Ion: 43 Resp: 127747

Ion Ratio Lower Upper

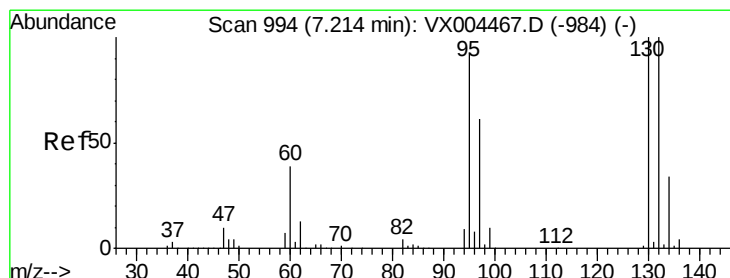
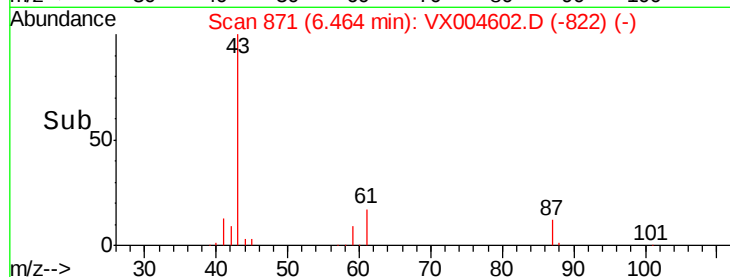
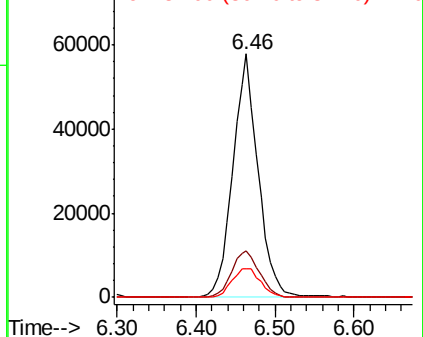
43 100

61 21.1 17.0 25.4

87 13.6 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: 18.98 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004602.D

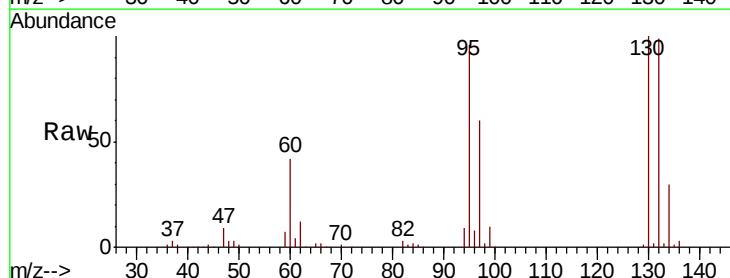
Acq: 16 Sep 2018 00:00

Tgt Ion:130 Resp: 60261

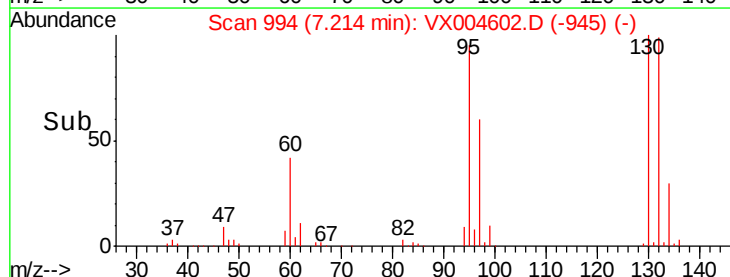
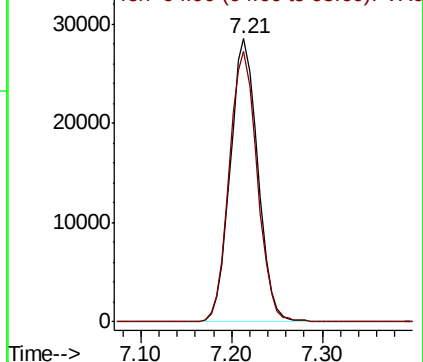
Ion Ratio Lower Upper

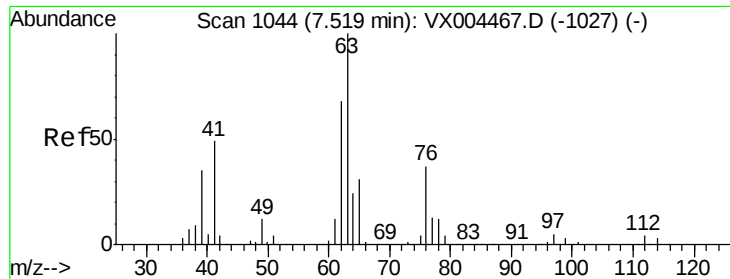
130 100

95 95.7 0.0 181.6



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

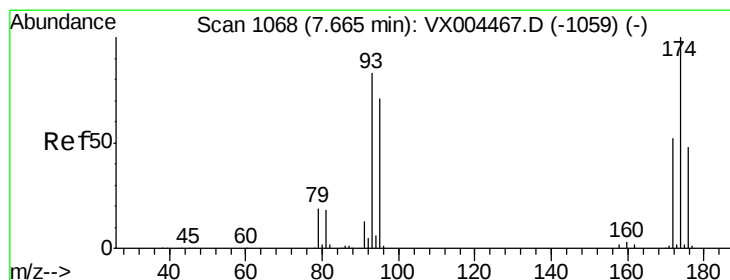
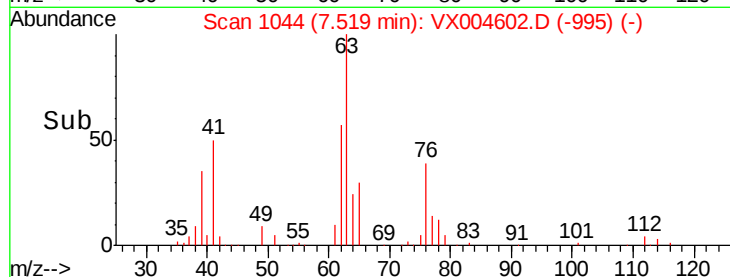
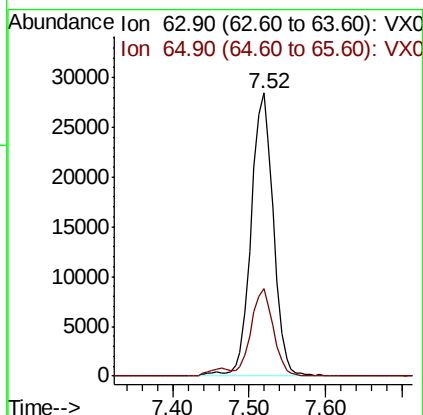
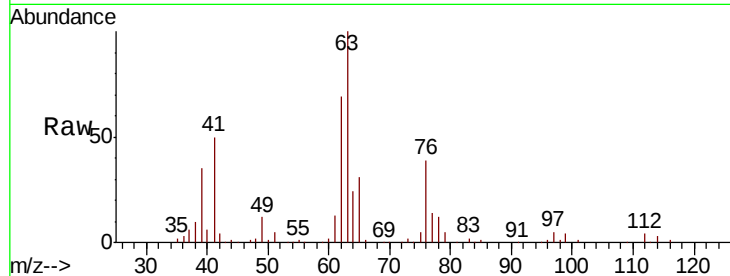




#45
 1,2-Dichloropropane
 Concen: 19.75 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

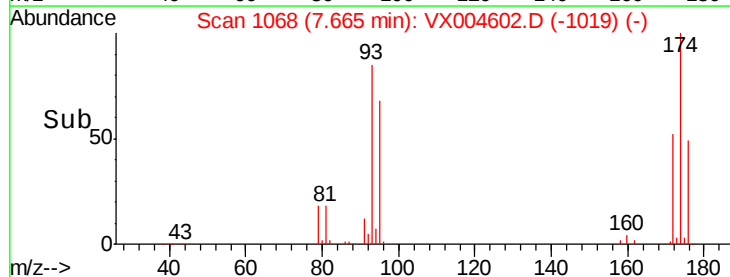
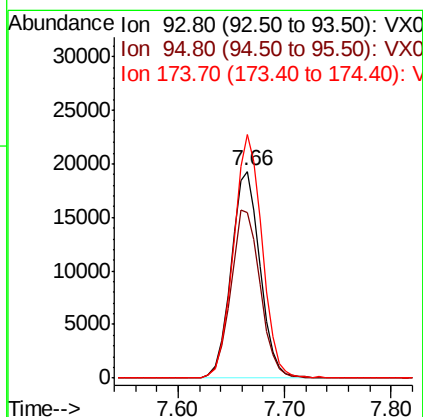
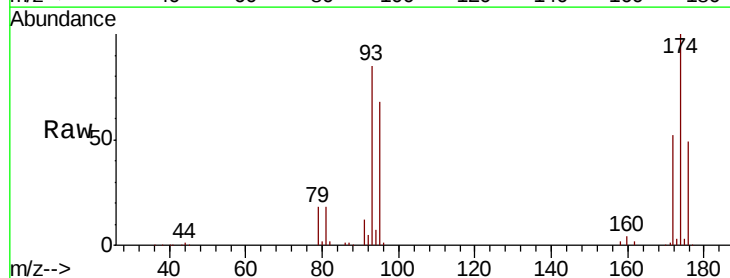
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

Tot Ion: 63 Resp: 58076
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 19.69 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion: 93 Resp: 36574
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.5 98.3
 174 117.0 94.2 141.4





#47

Bromodichloromethane

Concen: 19.25 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

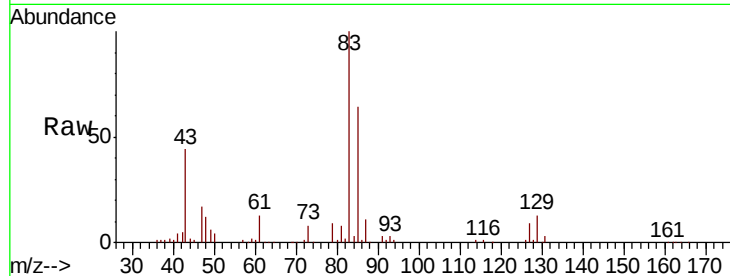
Tot Ion: 83 Resp: 67628

Ion Ratio Lower Upper

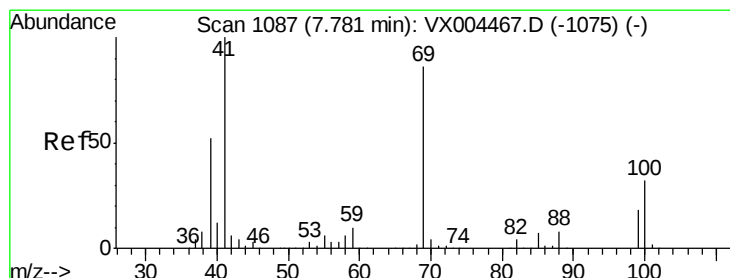
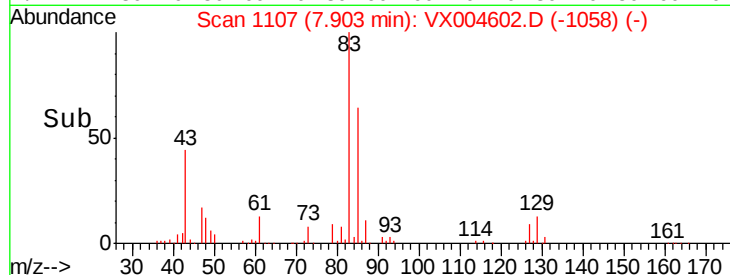
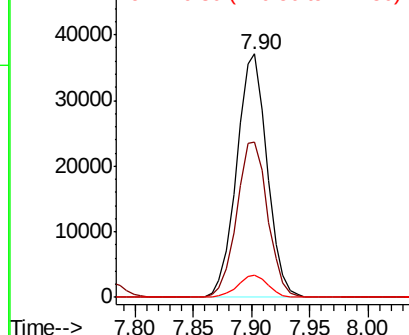
83 100

85 63.7 50.9 76.3

127 9.2 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: 19.46 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

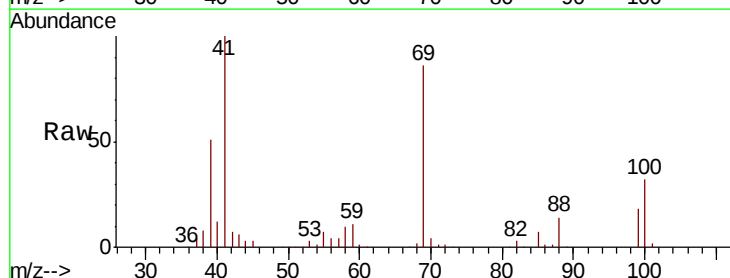
Tgt Ion: 41 Resp: 59932

Ion Ratio Lower Upper

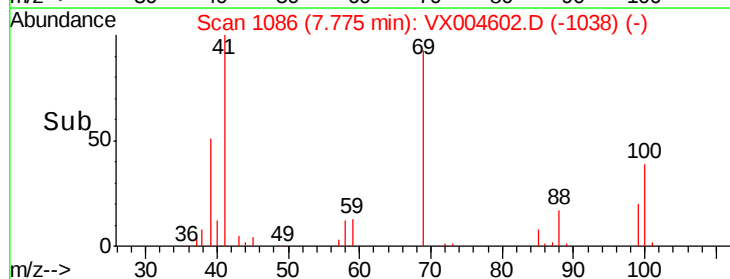
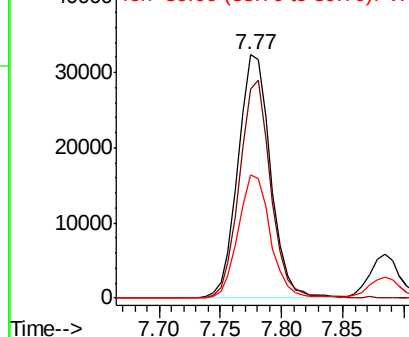
41 100

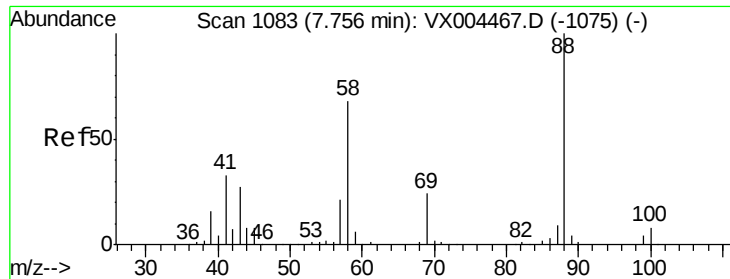
69 85.8 70.2 105.4

39 50.0 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

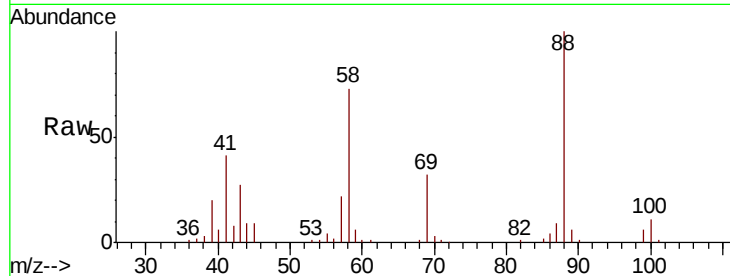




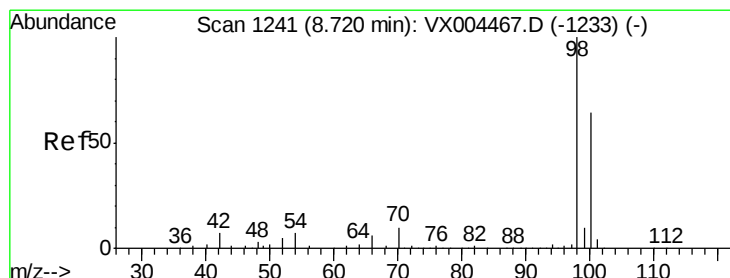
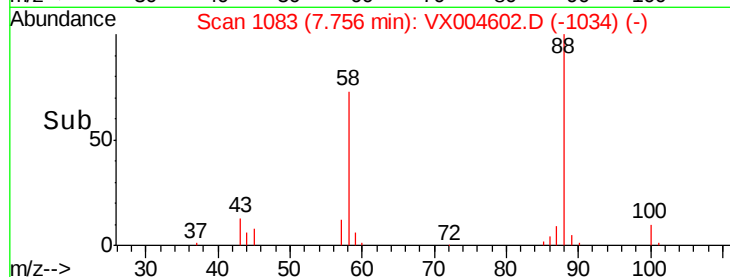
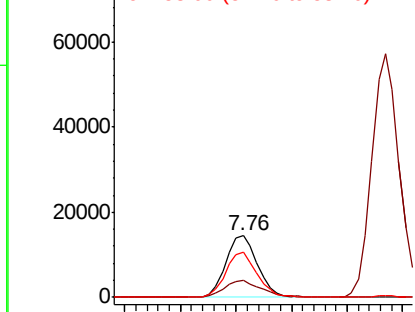
#49
1,4-Dioxane
Concen: 392.86 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Tot Ion: 88 Resp: 28634
Ion Ratio Lower Upper
88 100
43 29.8 24.7 37.1
58 72.2 55.3 82.9

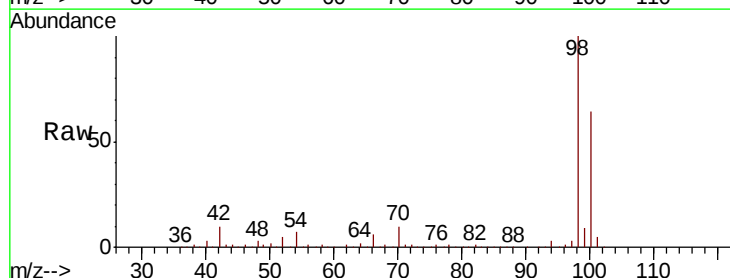


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

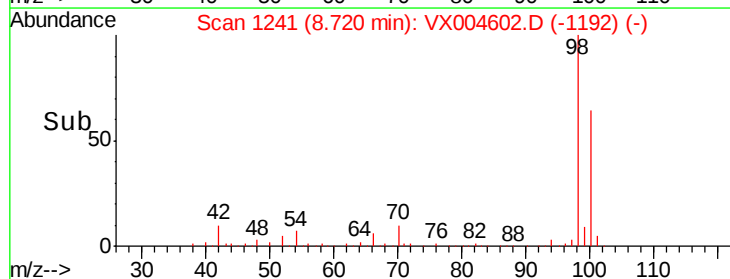
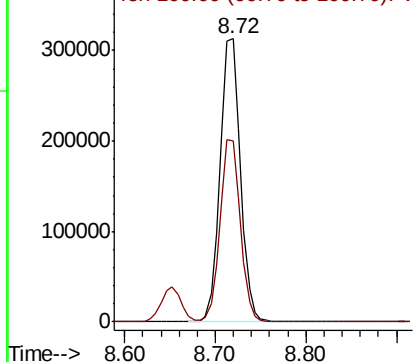


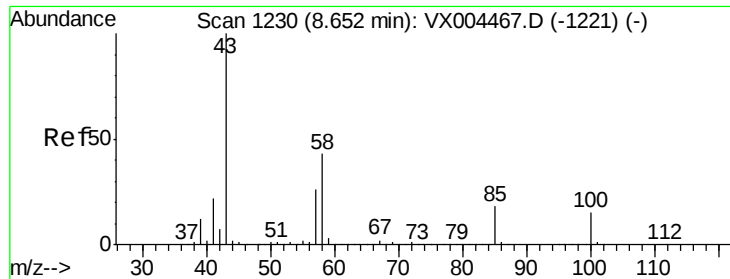
#50
Toluene-d8
Concen: 47.09 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 98 Resp: 490303
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



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

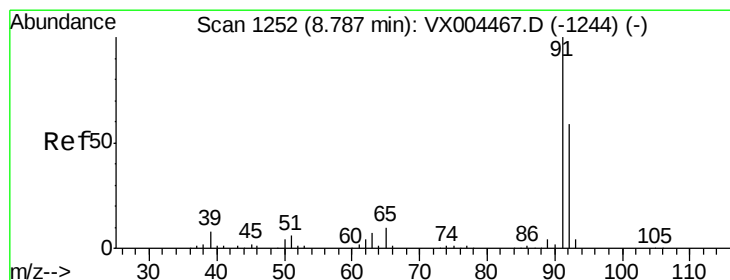
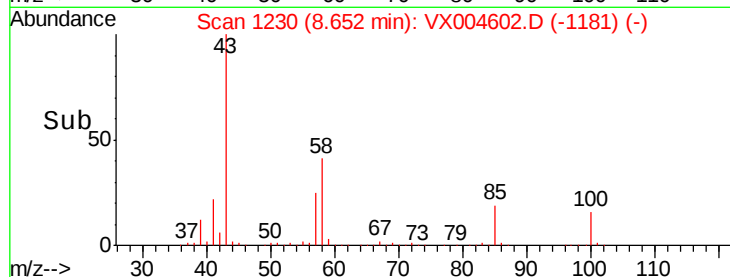
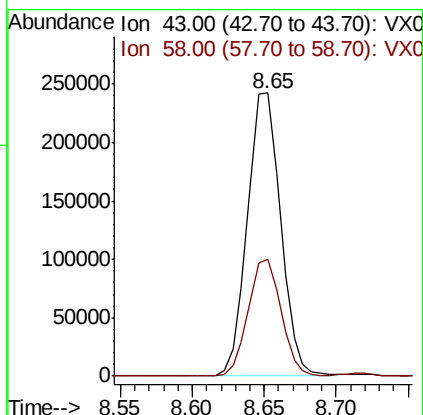
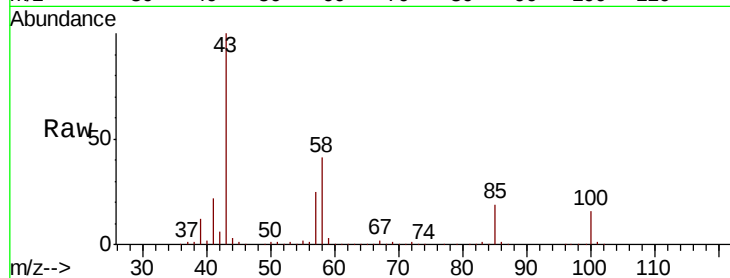




#51
 4-Methyl-2-Pentanone
 Concen: 88.27 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

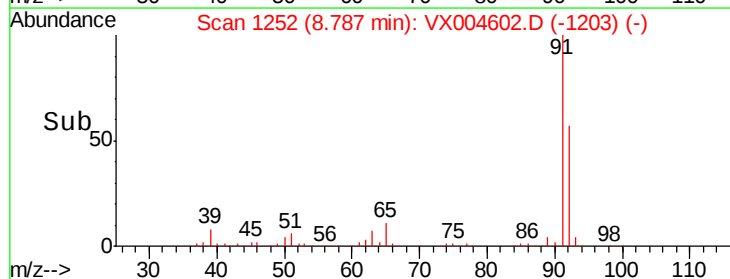
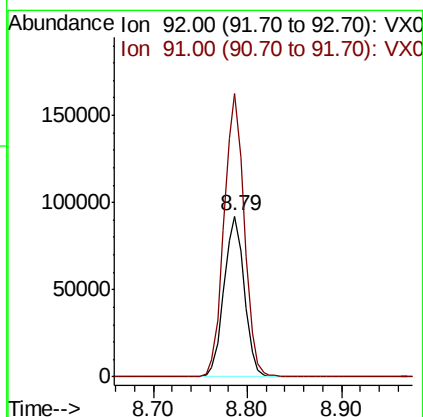
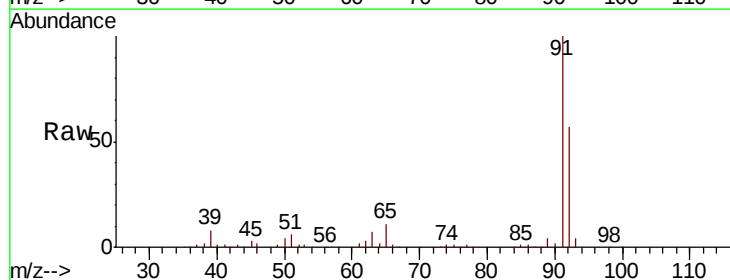
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0915WBSD02

Tot Ion: 43 Resp: 387633
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.1 49.7



#52
 Toluene
 Concen: 19.21 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion: 92 Resp: 138295
 Ion Ratio Lower Upper
 92 100
 91 175.1 136.4 204.6

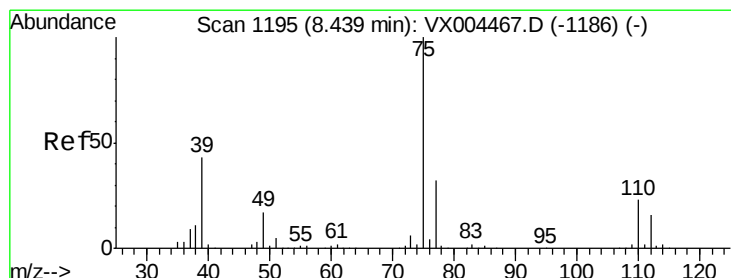
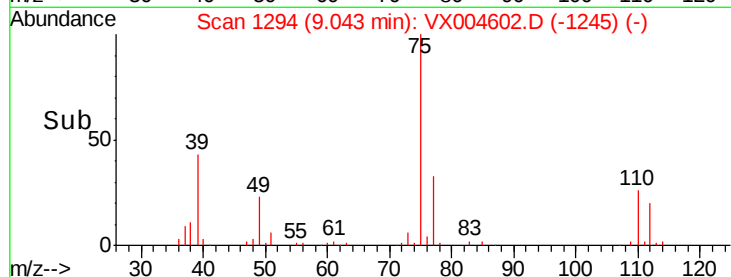
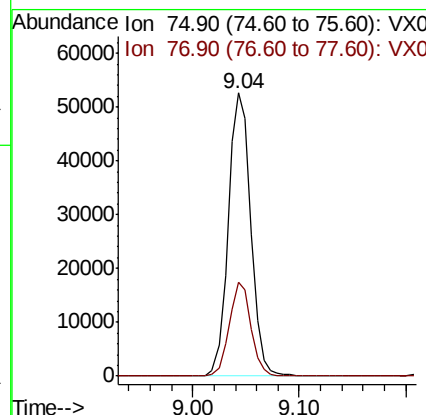
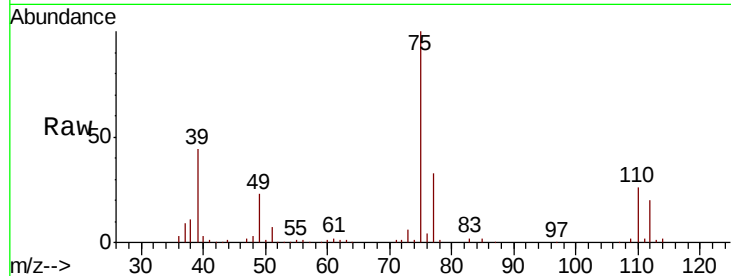




#53
 t-1,3-Dichloropropene
 Concen: 18.93 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

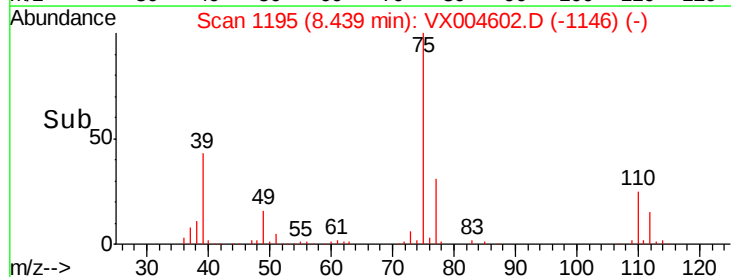
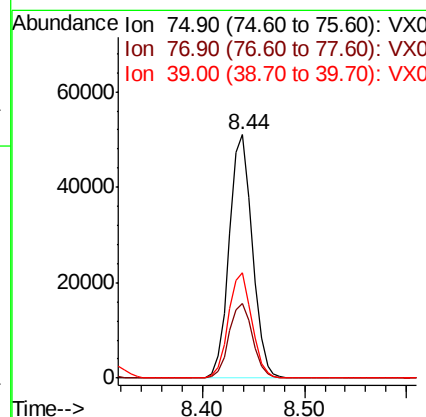
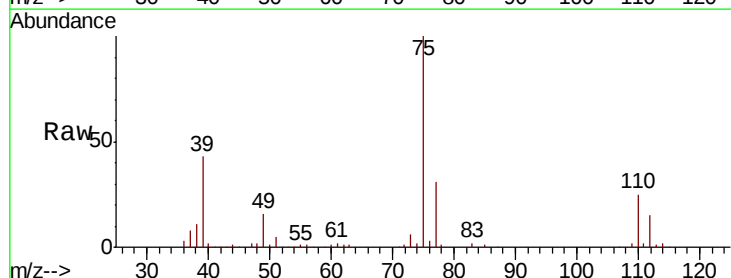
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

Tot Ion: 75 Resp: 77686
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.12 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion: 75 Resp: 80012
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.2 39.2
 39 43.1 36.4 54.6

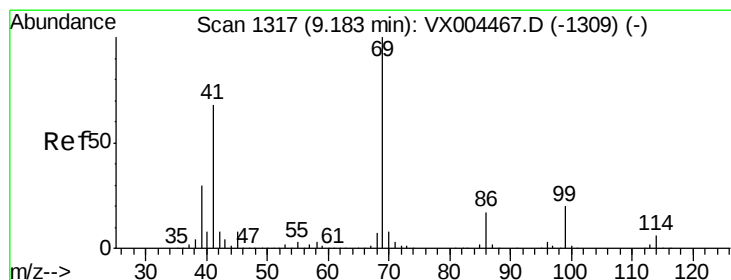
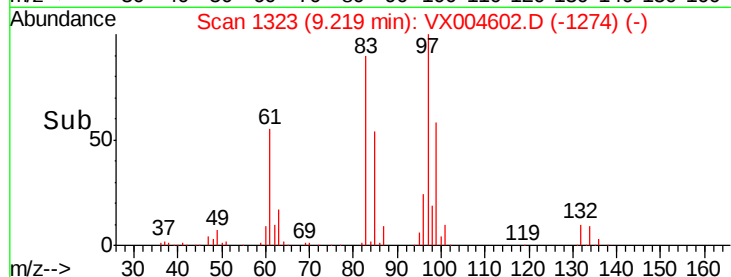
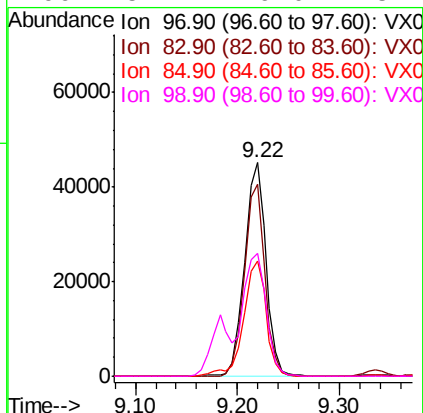
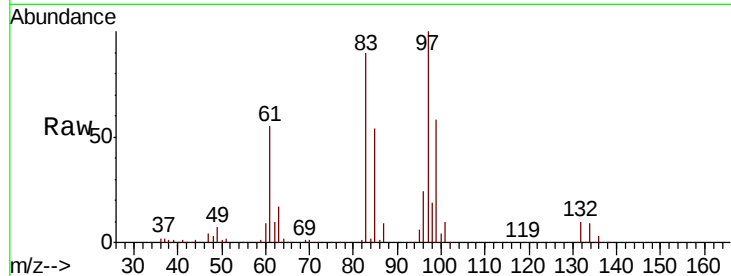




#55
 1,1,2-Trichloroethane
 Concen: 21.07 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

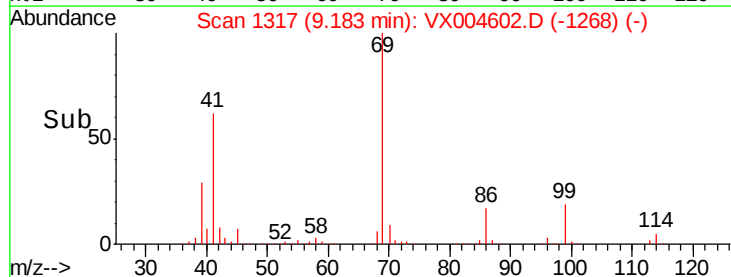
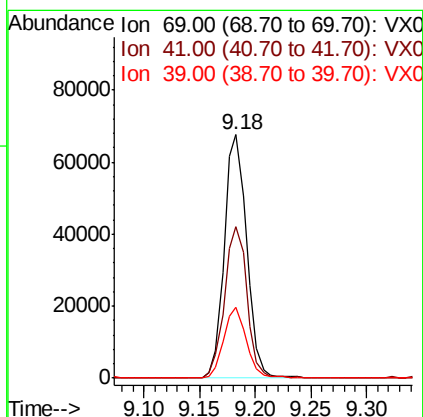
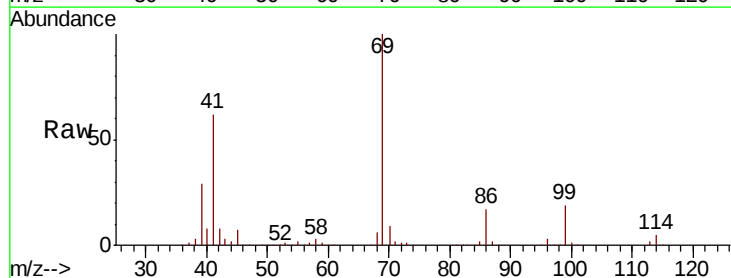
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

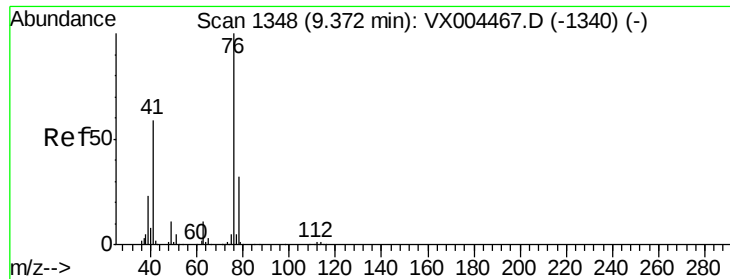
Tot Ion:	97	Resp:	65323
Ion	Ratio	Lower	Upper
97	100		
83	90.0	66.4	99.6
85	53.8	43.3	64.9
99	57.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 21.55 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion:	69	Resp:	94543
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.0	76.4
39	29.2	26.1	39.1





#57

1,3-Dichloropropane

Concen: 21.44 ug/l

RT: 9.38 min Scan# 1349

Delta R.T. 0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

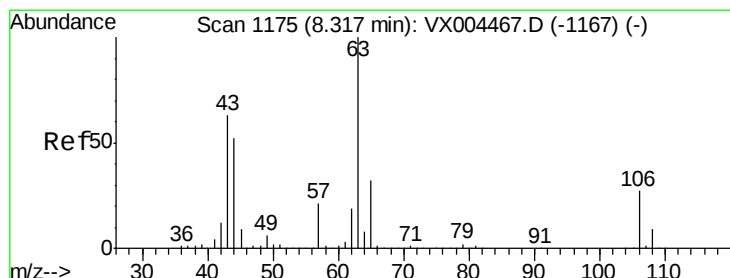
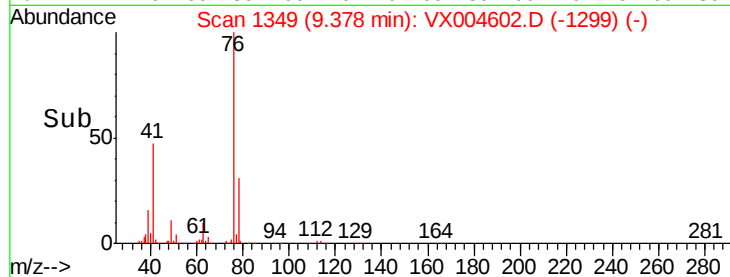
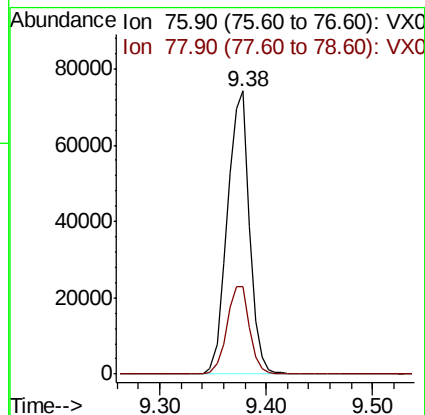
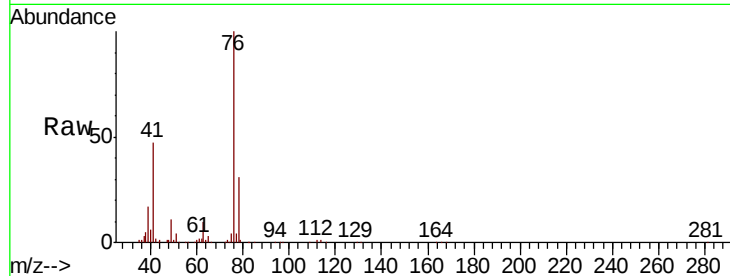
VX0915WBSD02

Tot Ion: 76 Resp: 108002

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 95.59 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004602.D

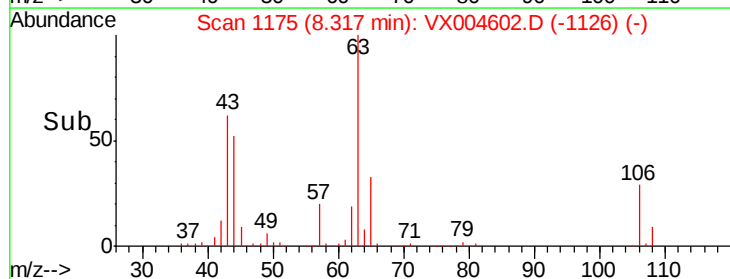
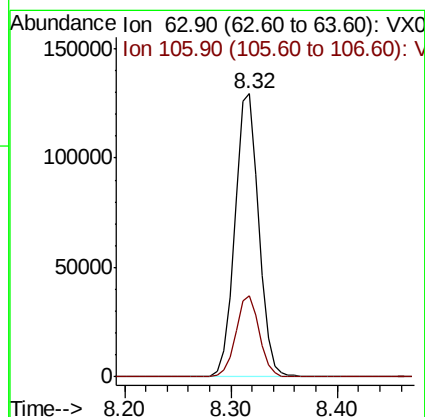
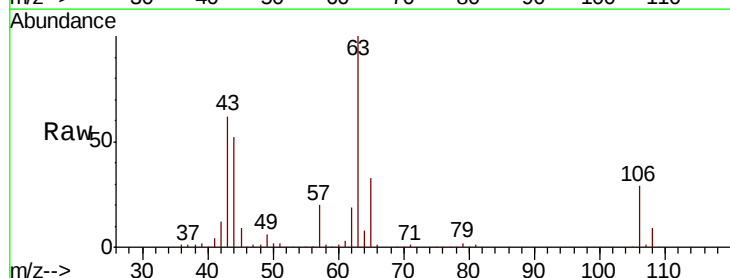
Acq: 16 Sep 2018 00:00

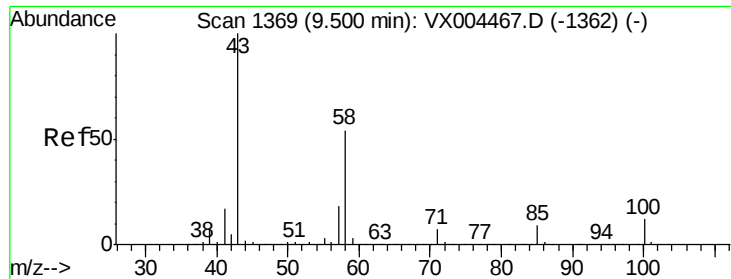
Tgt Ion: 63 Resp: 203280

Ion Ratio Lower Upper

63 100

106 28.3 23.9 35.9

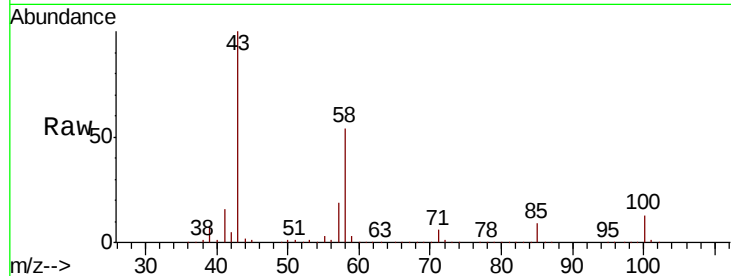




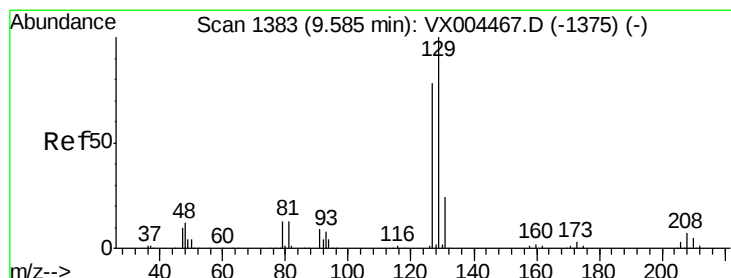
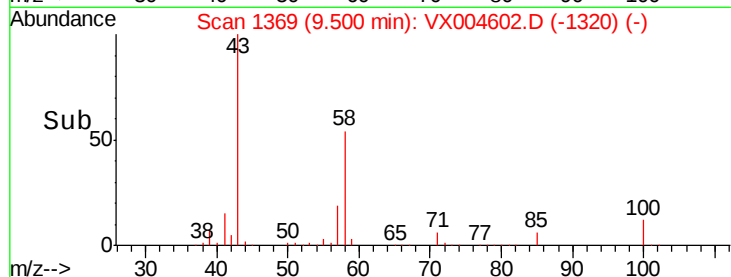
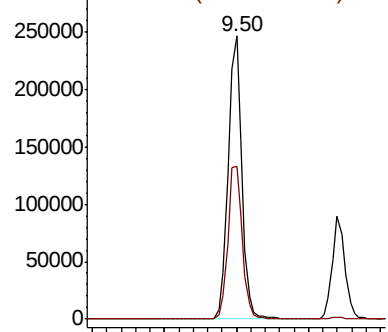
#59
2-Hexanone
Concen: 96.72 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Tot Ion: 43 Resp: 325784
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.0

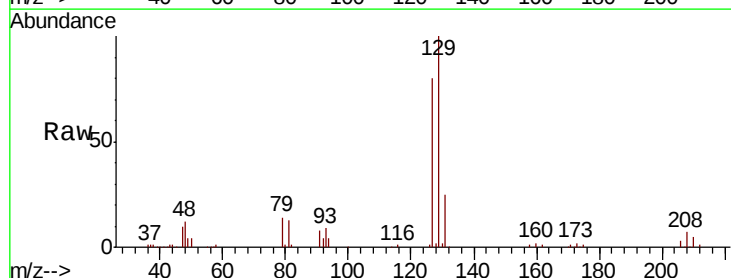


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

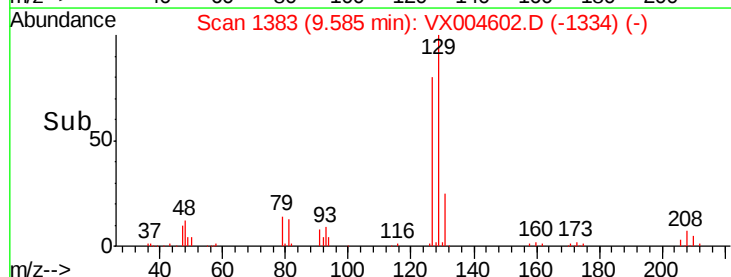
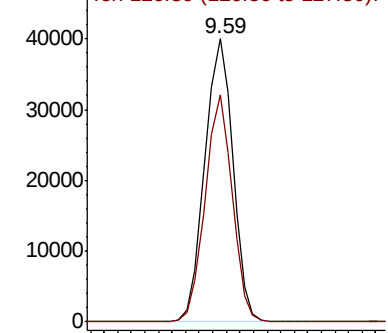


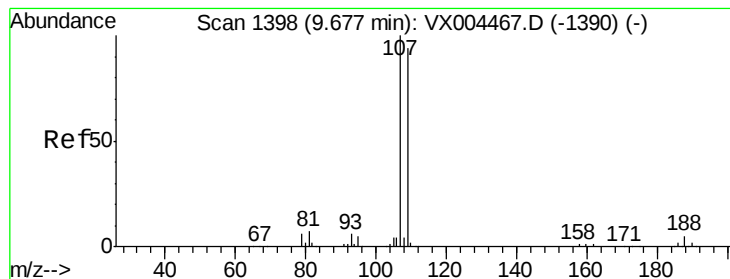
#60
Dibromochloromethane
Concen: 19.78 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion:129 Resp: 57722
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.88 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

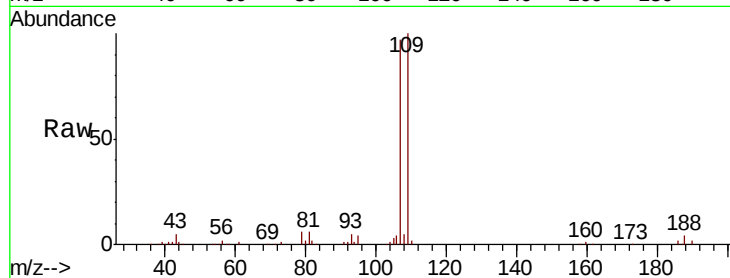
VX0915WBSD02

Tot Ion:107 Resp: 58886

Ion Ratio Lower Upper

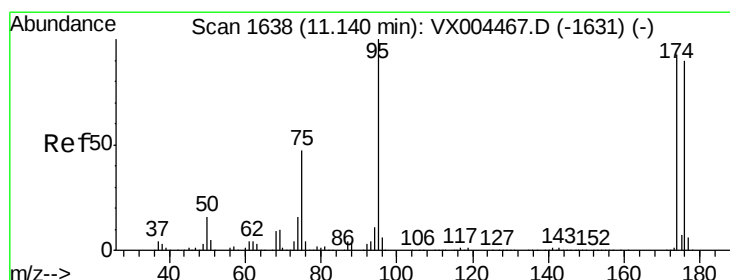
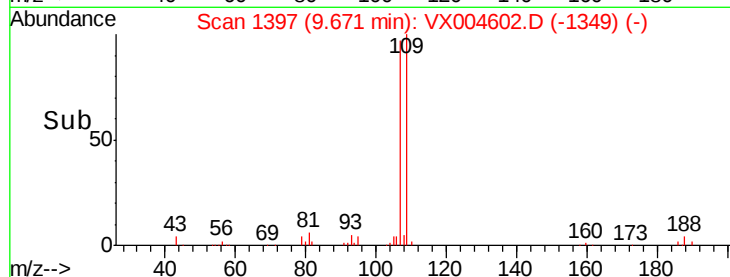
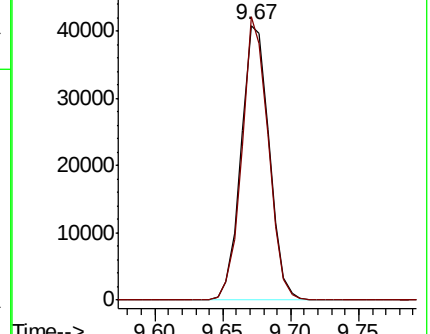
107 100

109 96.7 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: 47.67 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

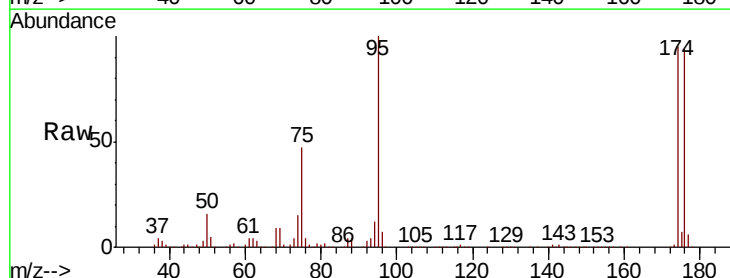
Tgt Ion: 95 Resp: 177178

Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.2

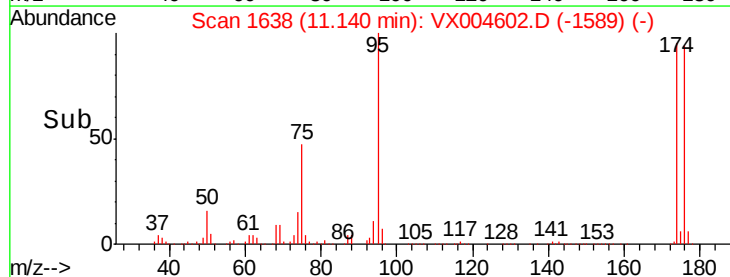
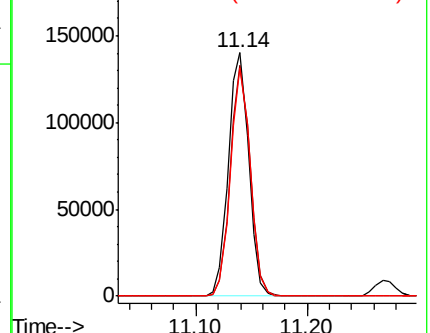
176 90.9 0.0 178.6

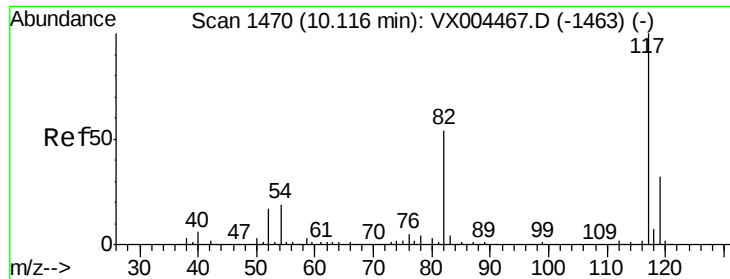


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

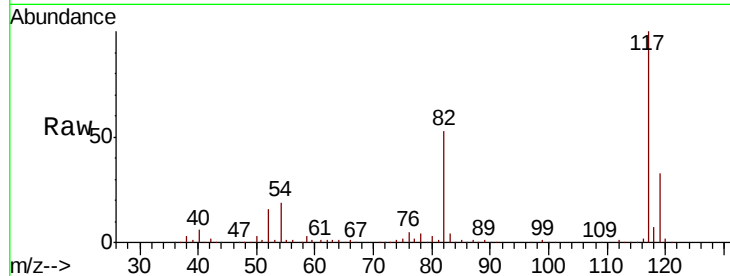




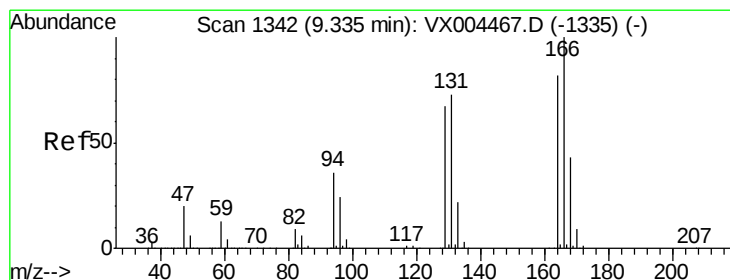
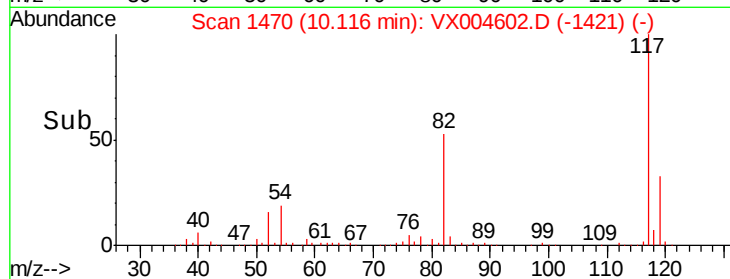
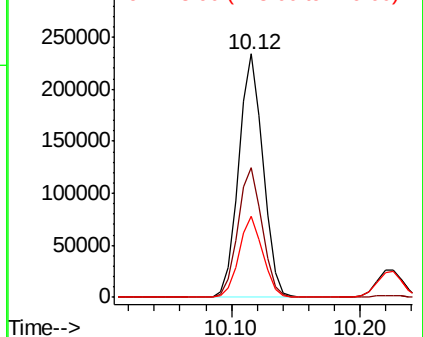
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Tot Ion:117 Resp: 305817
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 33.0 29.3 43.9

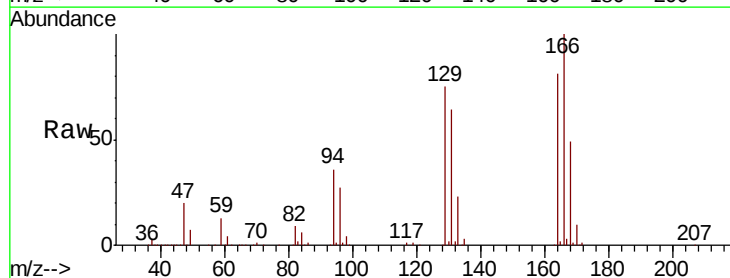


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

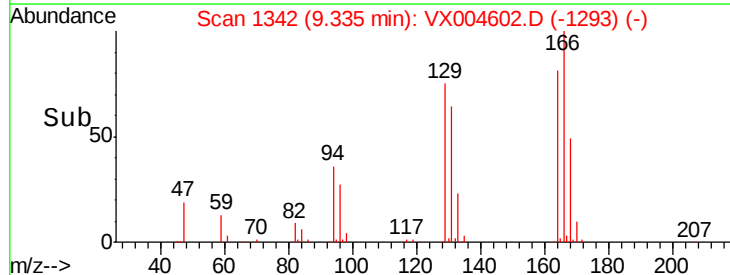
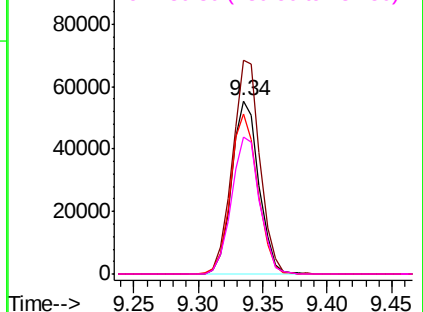


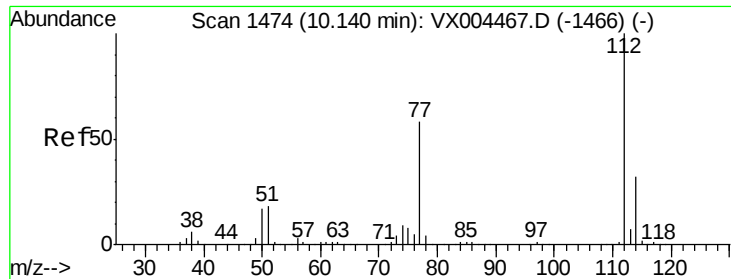
#64
Tetrachloroethene
Concen: 21.29 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion:164 Resp: 81306
Ion Ratio Lower Upper
164 100
166 123.1 102.8 154.2
129 92.4 69.4 104.0
131 79.2 67.9 101.9



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





#65

Chlorobenzene

Concen: 20.46 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

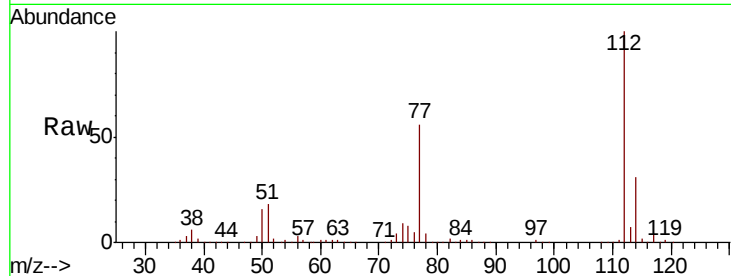
VX0915WBSD02

Tot Ion:112 Resp: 155387

Ion Ratio Lower Upper

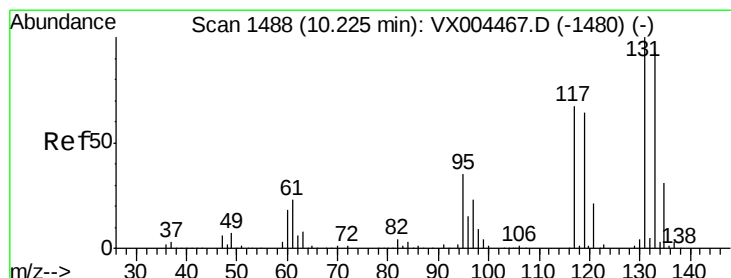
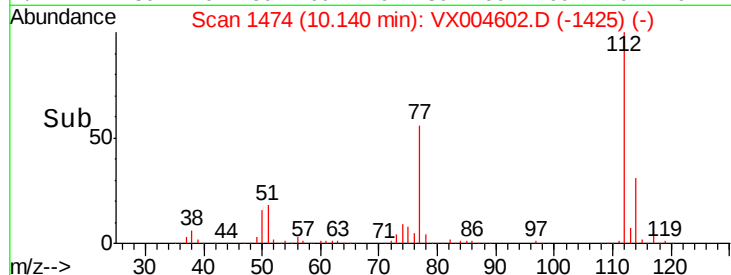
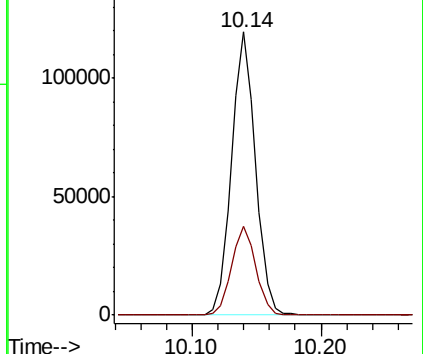
112 100

114 31.4 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.70 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

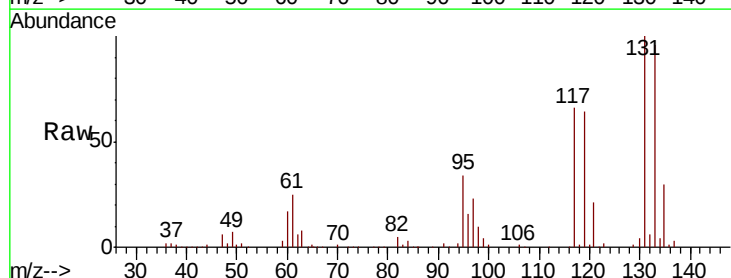
Tgt Ion:131 Resp: 54238

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

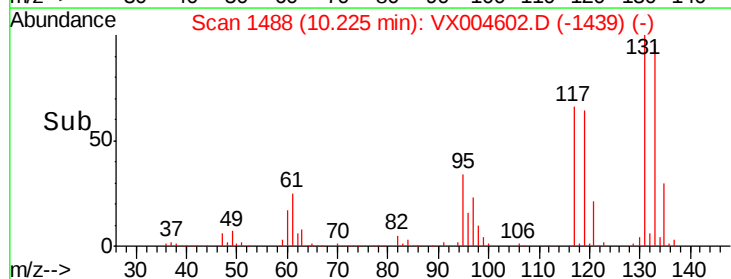
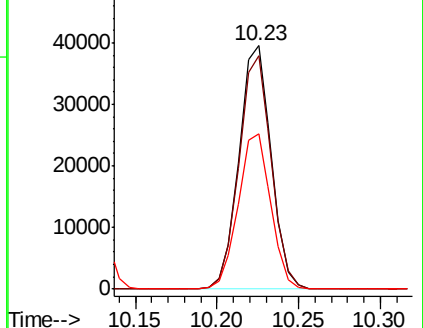
119 64.5 32.9 98.6

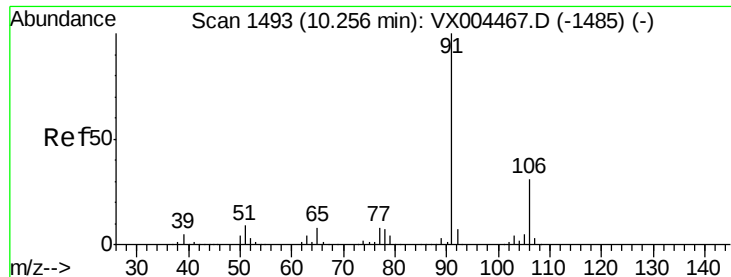


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

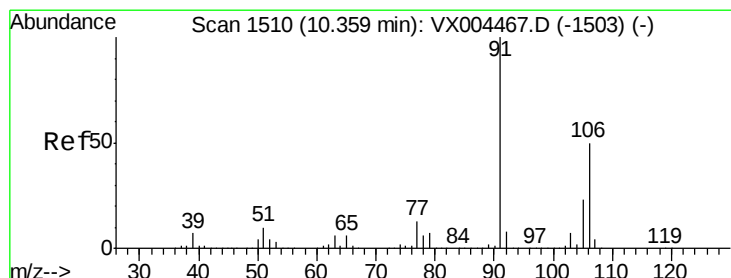
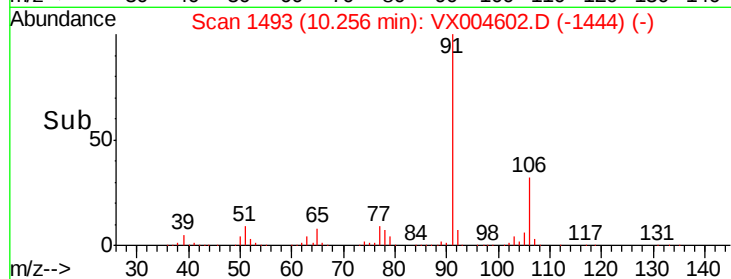
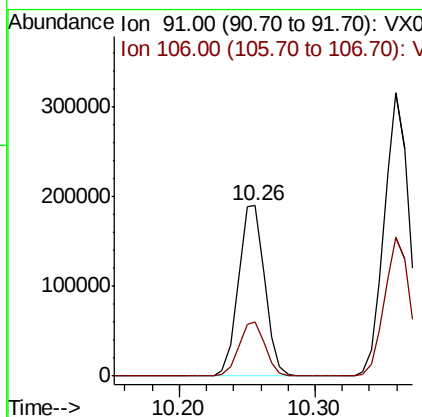
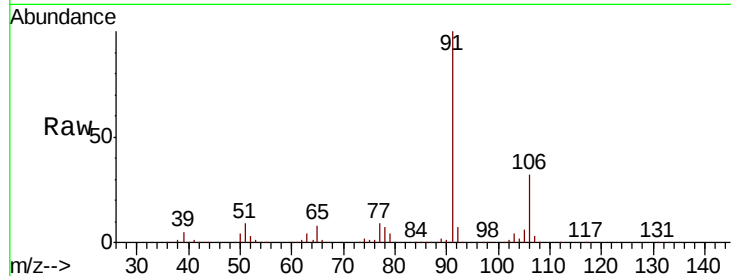




#67
Ethyl Benzene
Concen: 20.77 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

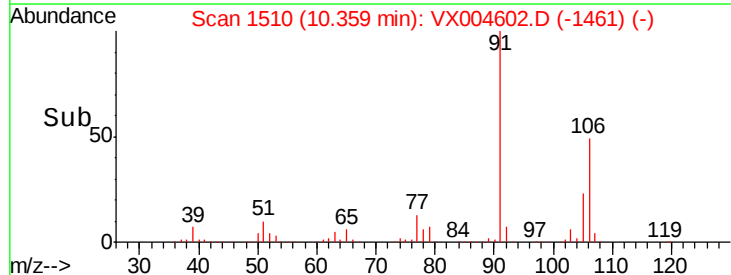
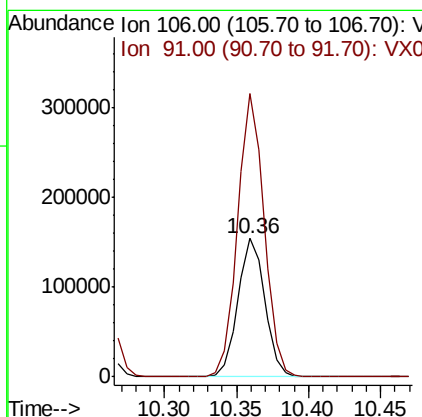
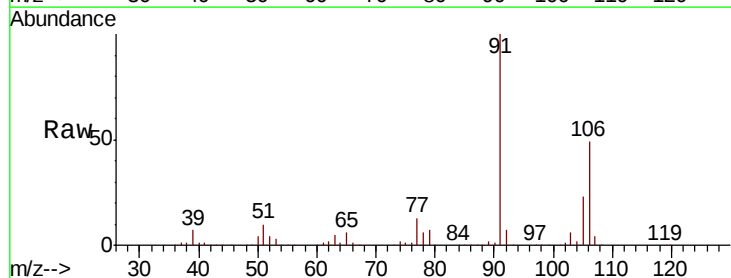
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

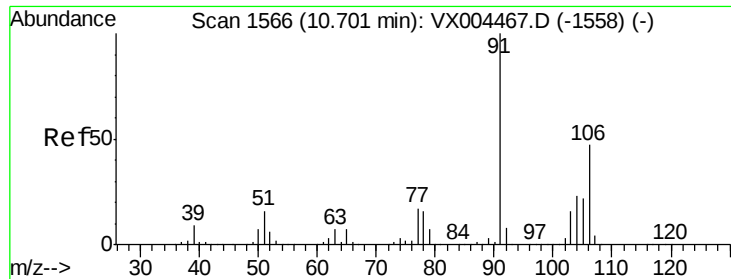
Tot Ion: 91 Resp: 256583
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 42.46 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 106 Resp: 202009
Ion Ratio Lower Upper
106 100
91 201.0 157.1 235.7

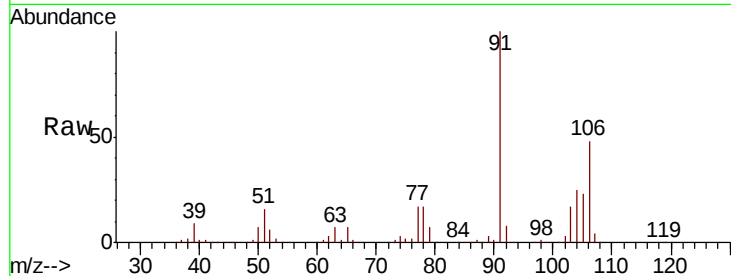




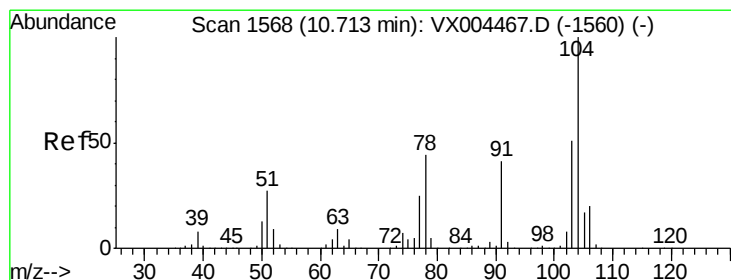
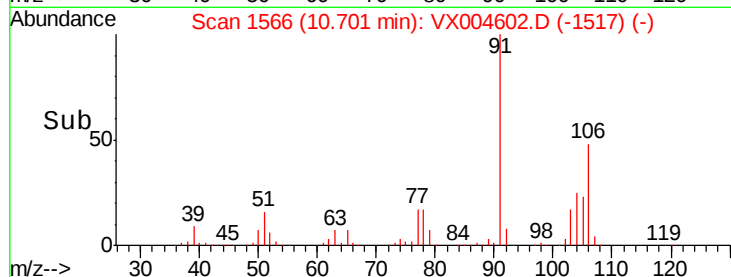
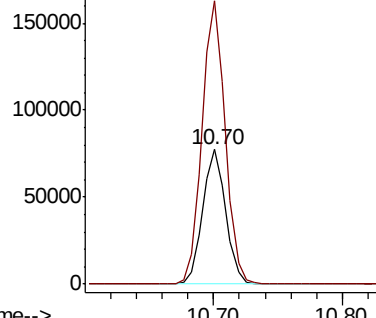
#69
o-Xylene
Concen: 21.23 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD02

Tot Ion:106 Resp: 97093
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.1

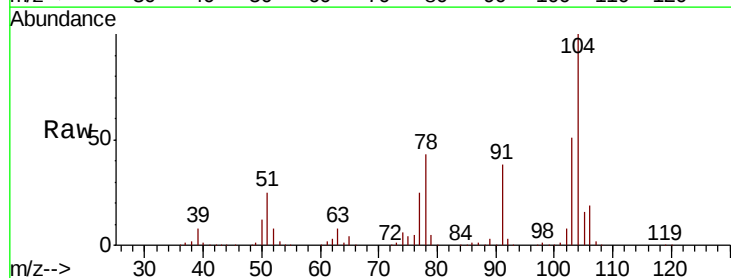


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

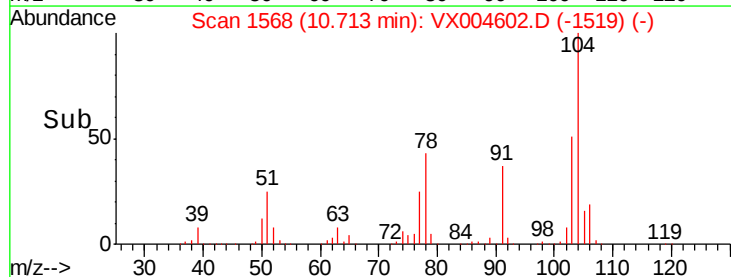
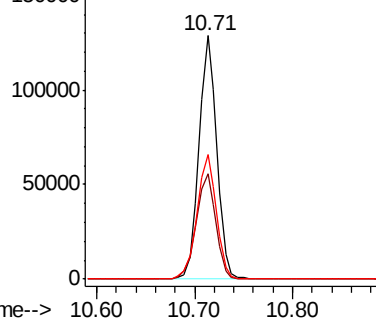


#70
Styrene
Concen: 21.50 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion:104 Resp: 162937
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.0
103 55.5 43.8 65.6



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





#71

Bromoform

Concen: 19.62 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

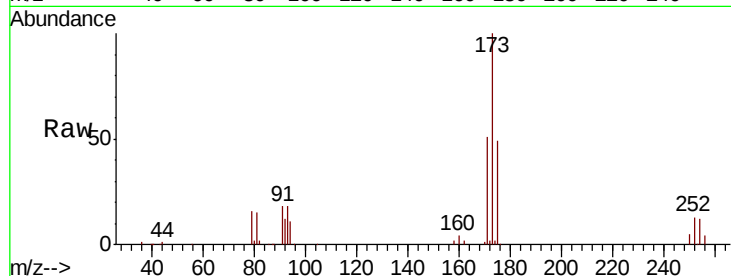
Tot Ion:173 Resp: 42190

Ion Ratio Lower Upper

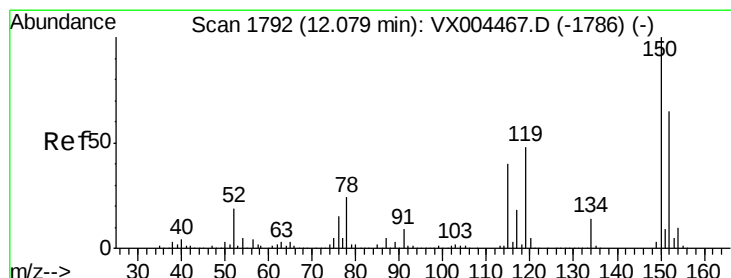
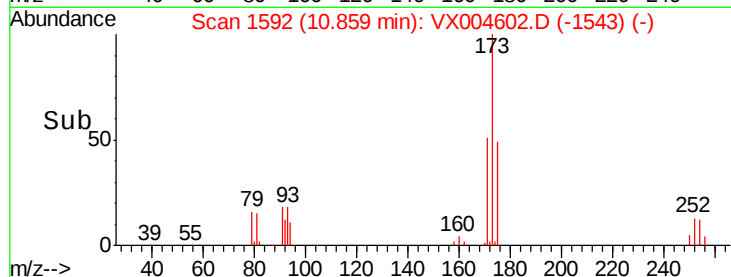
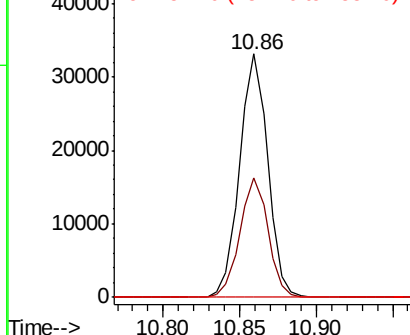
173 100

175 49.2 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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

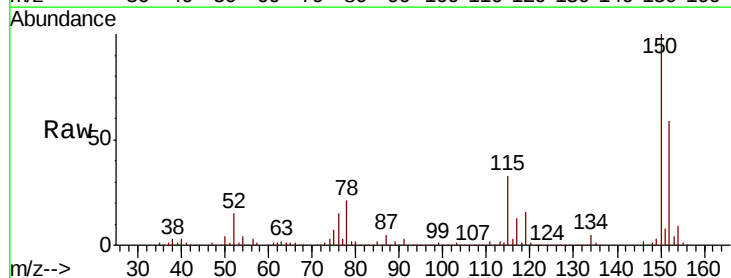
Tgt Ion:152 Resp: 214473

Ion Ratio Lower Upper

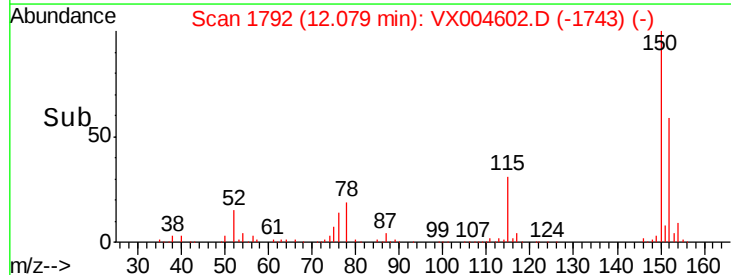
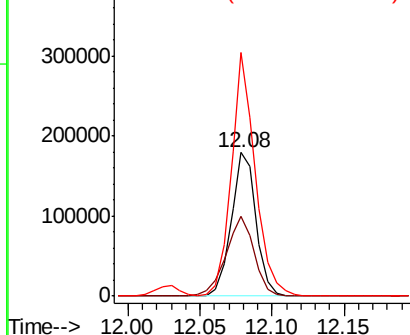
152 100

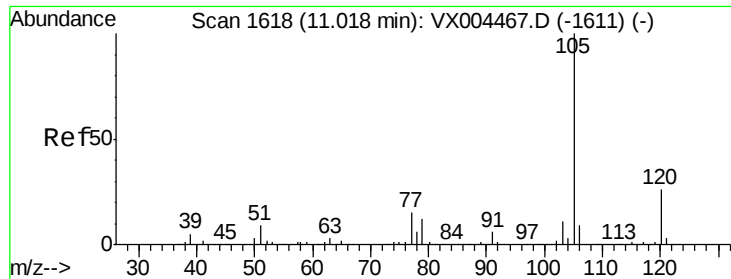
115 63.1 39.0 117.0

150 164.8 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: 18.56 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

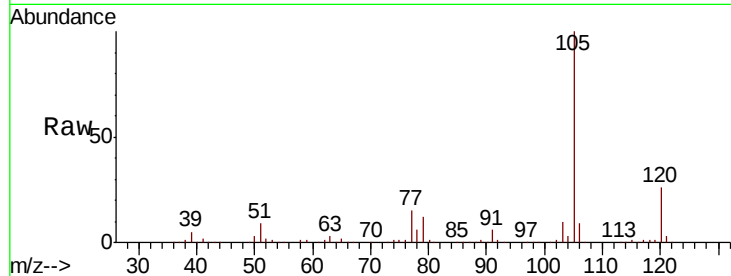
VX0915WBSD02

Tot Ion:105 Resp: 262129

Ion Ratio Lower Upper

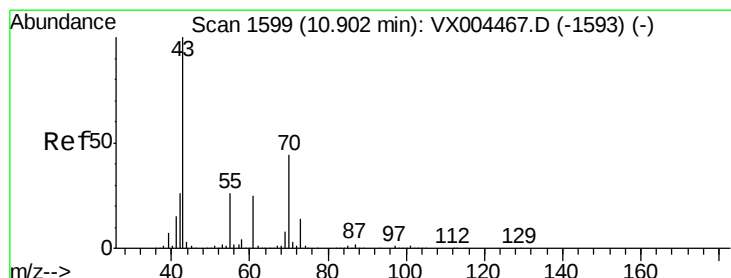
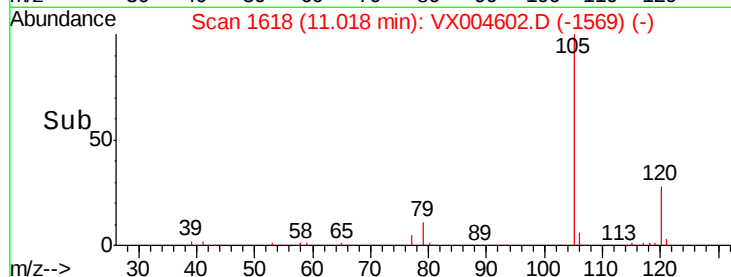
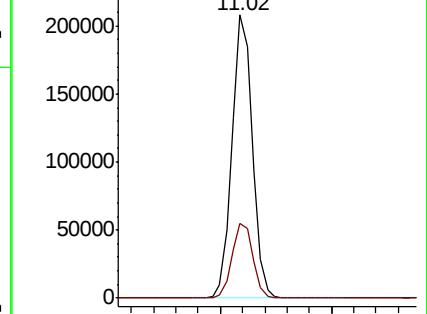
105 100

120 27.1 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: 17.35 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Tgt Ion: 43 Resp: 103135

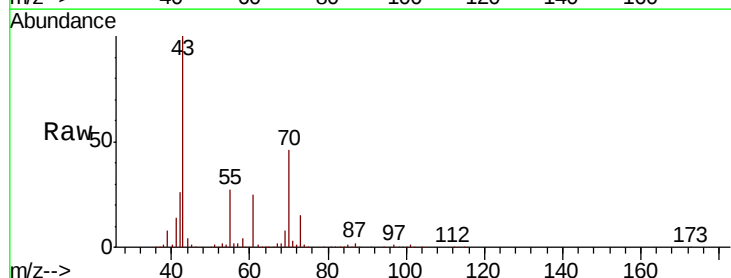
Ion Ratio Lower Upper

43 100

70 44.7 37.4 56.0

55 27.0 21.8 32.8

61 24.8 20.6 30.8

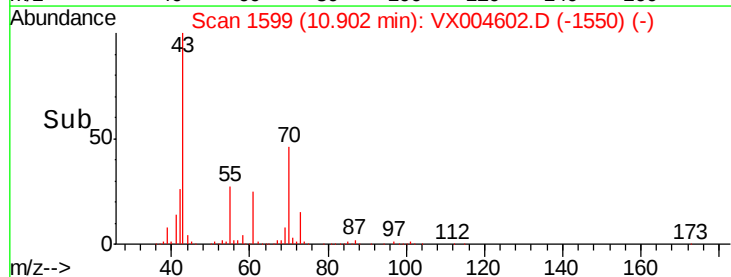
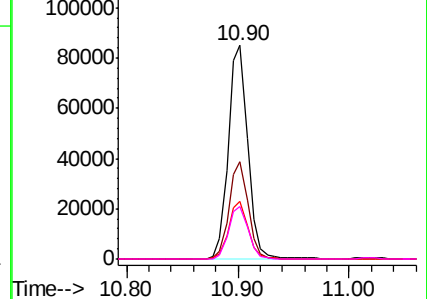


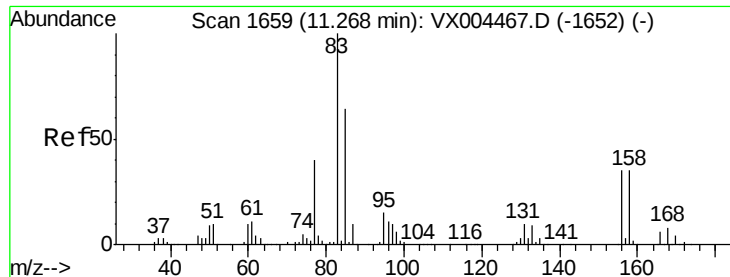
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.83 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

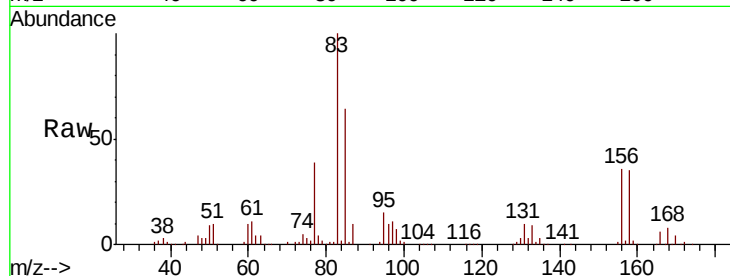
Tot Ion: 83 Resp: 81222

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

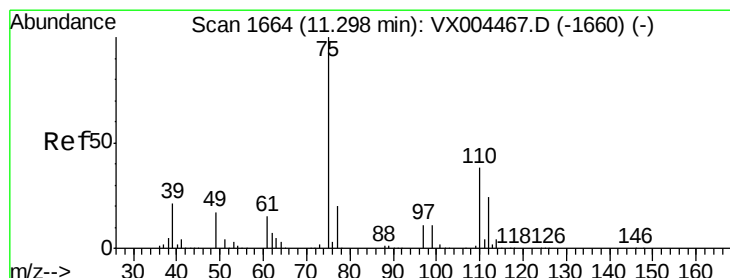
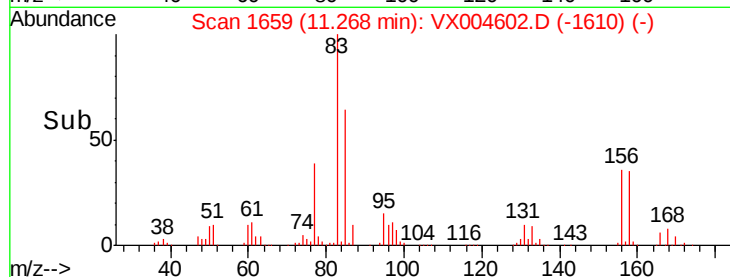
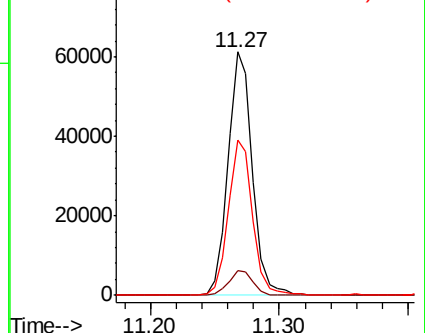
85 63.6 32.3 96.8



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: 21.33 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004602.D

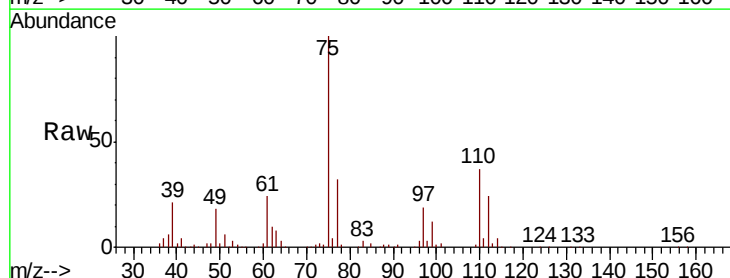
Acq: 16 Sep 2018 00:00

Tgt Ion: 75 Resp: 92021

Ion Ratio Lower Upper

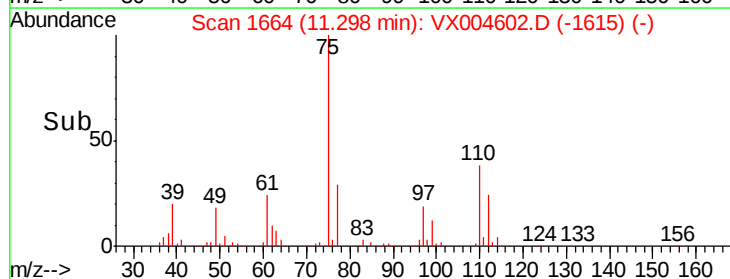
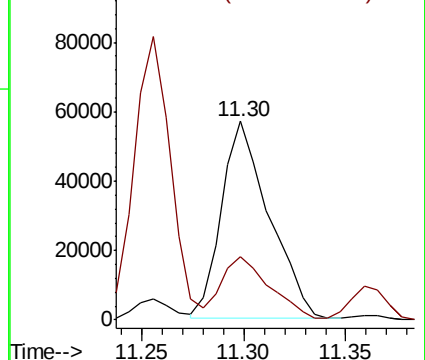
75 100

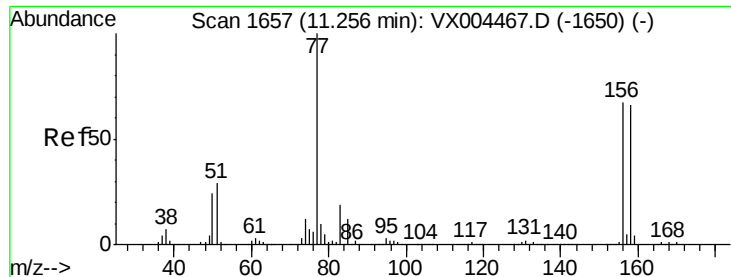
77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.09 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

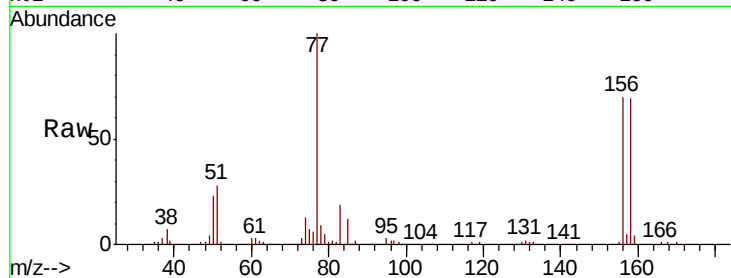
Tot Ion:156 Resp: 70609

Ion Ratio Lower Upper

156 100

77 144.7 71.5 214.3

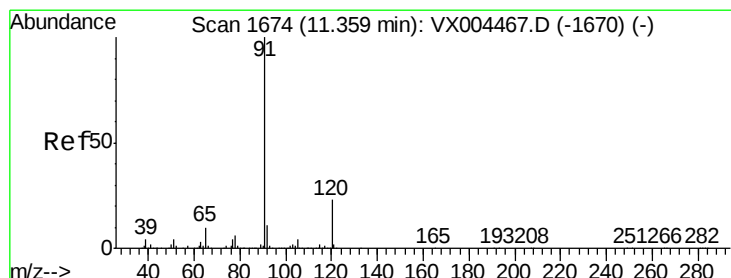
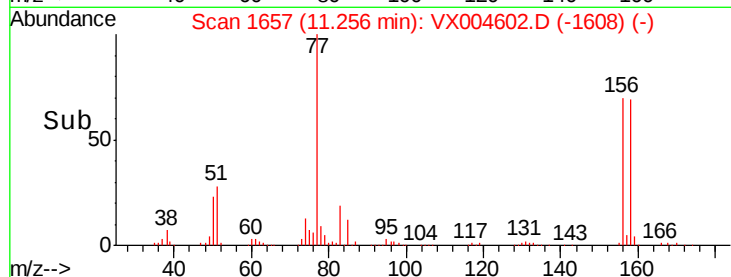
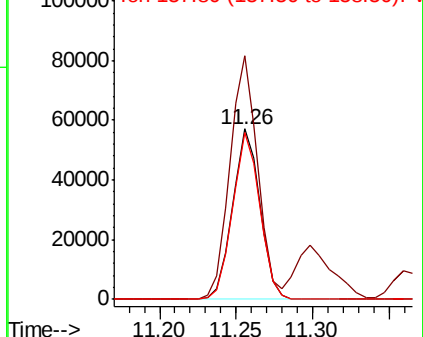
158 97.6 48.9 146.8



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: 18.46 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004602.D

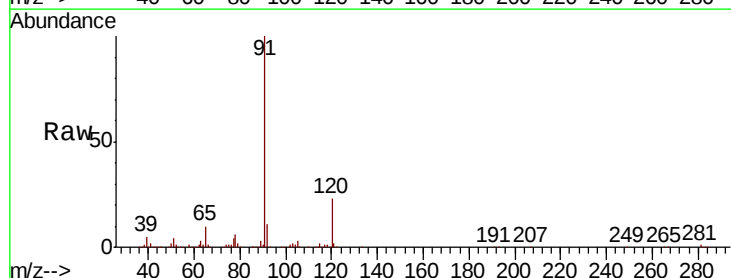
Acq: 16 Sep 2018 00:00

Tgt Ion: 91 Resp: 299814

Ion Ratio Lower Upper

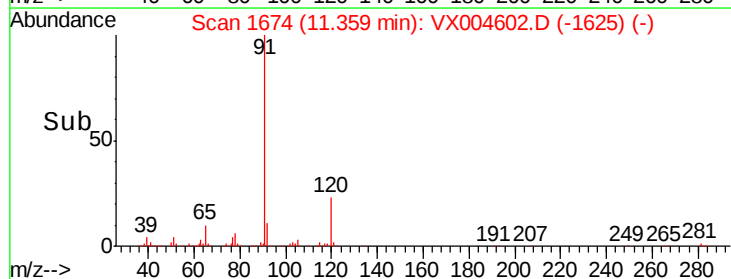
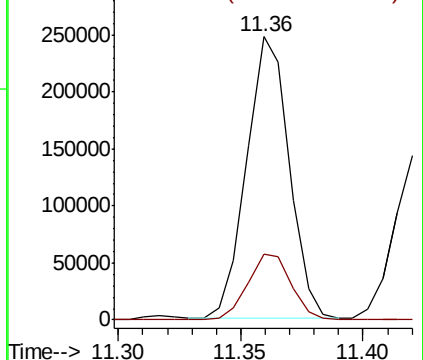
91 100

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

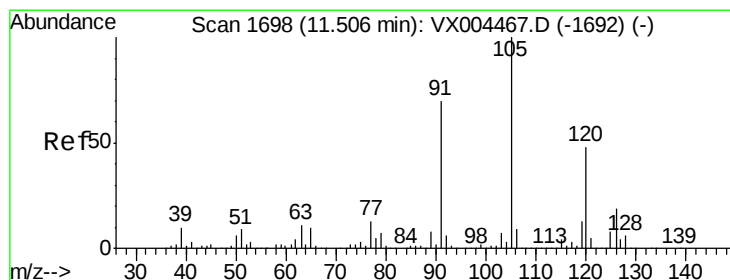
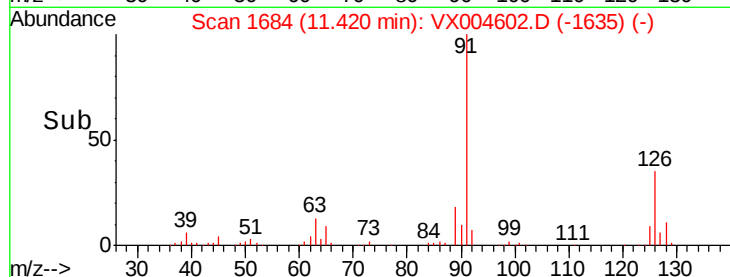
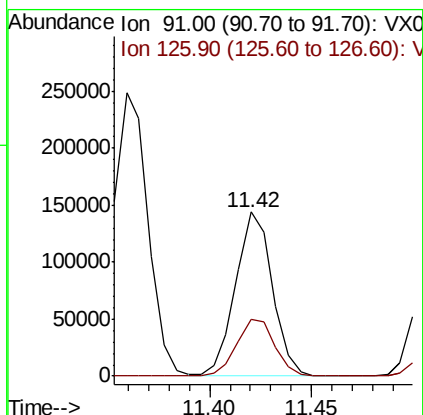
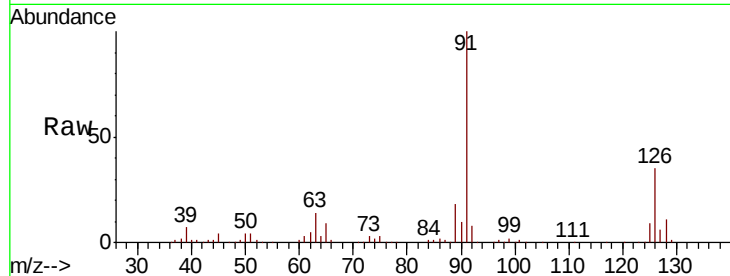




#79
 2-Chlorotoluene
 Concen: 18.17 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

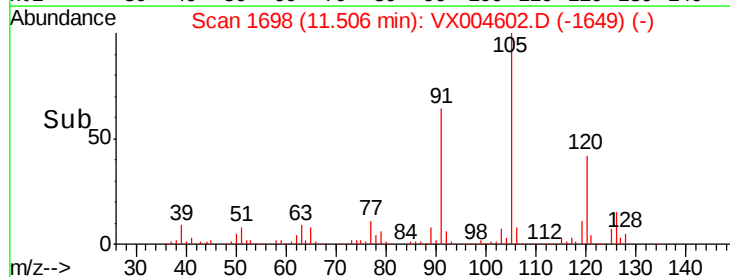
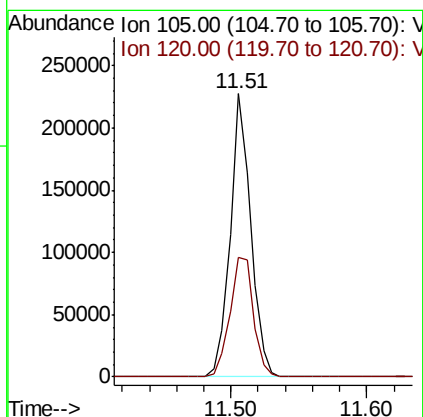
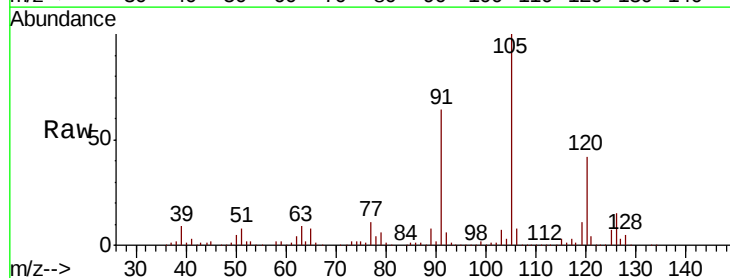
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

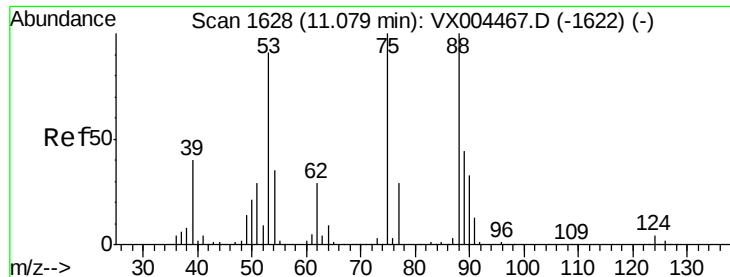
Tot Ion: 91 Resp: 178937
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.06 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion:105 Resp: 238196
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.56 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

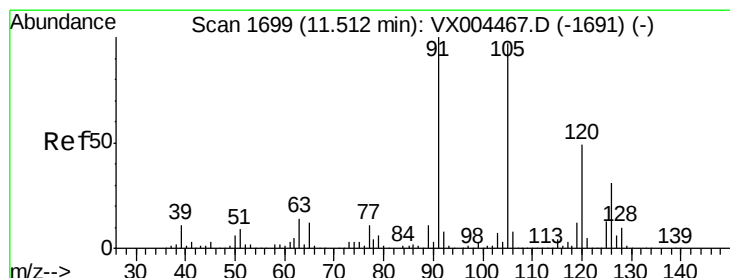
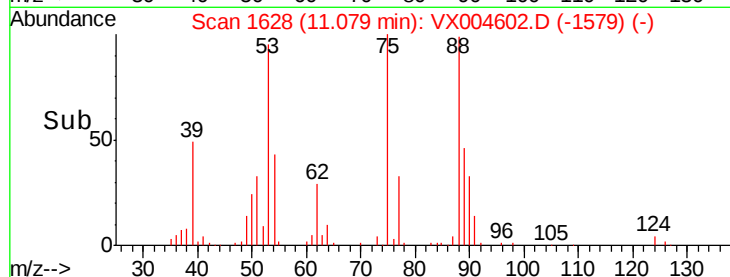
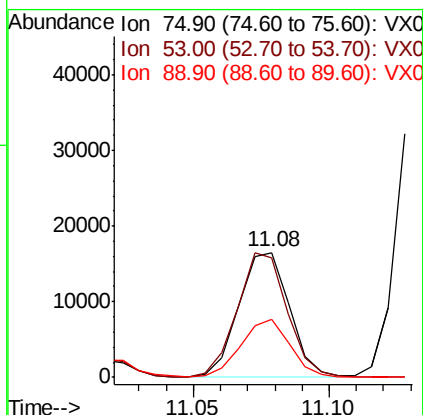
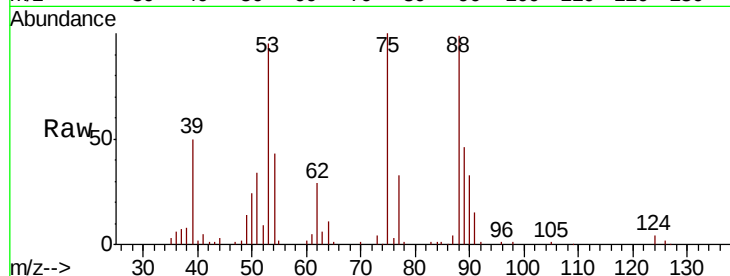
Tot Ion: 75 Resp: 21061

Ion Ratio Lower Upper

75 100

53 100.1 80.1 120.1

89 45.2 37.2 55.8



#82

4-Chlorotoluene

Concen: 19.80 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004602.D

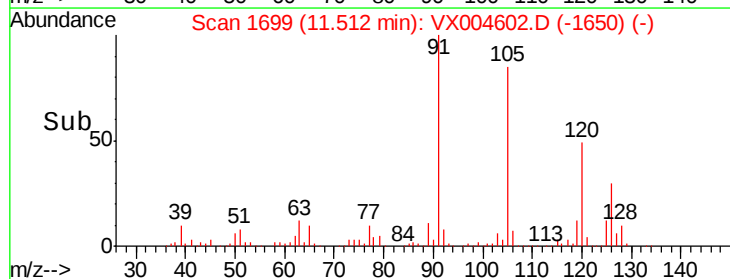
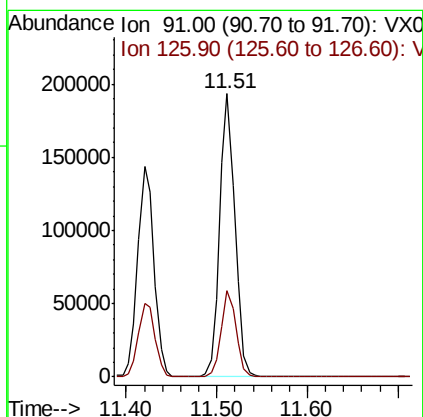
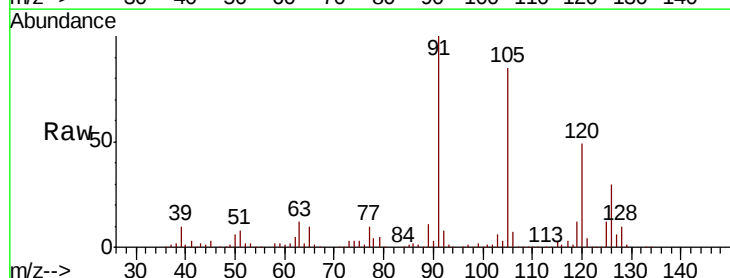
Acq: 16 Sep 2018 00:00

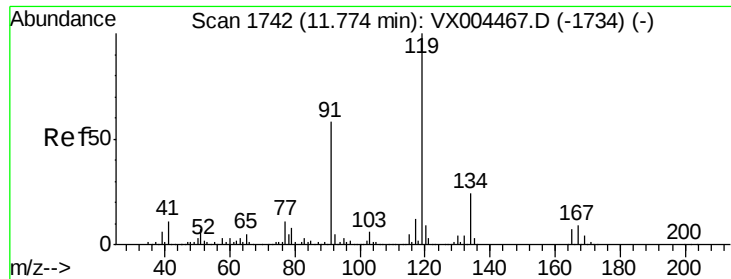
Tgt Ion: 91 Resp: 227610

Ion Ratio Lower Upper

91 100

126 29.7 15.5 46.5

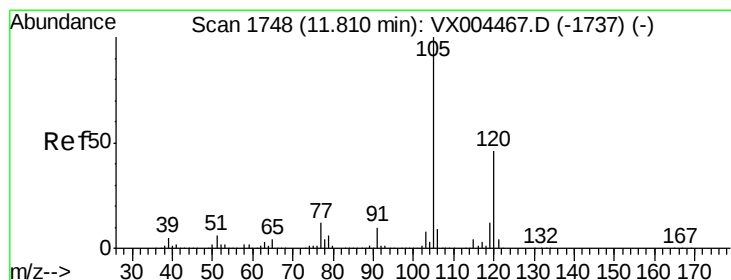
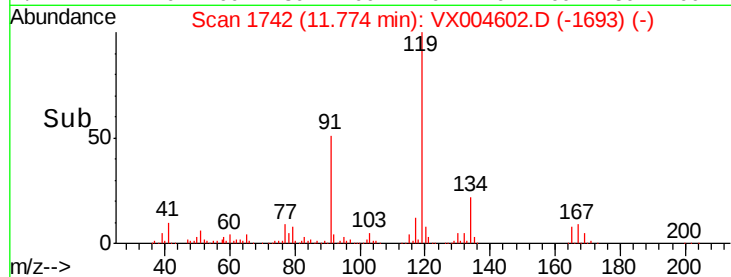
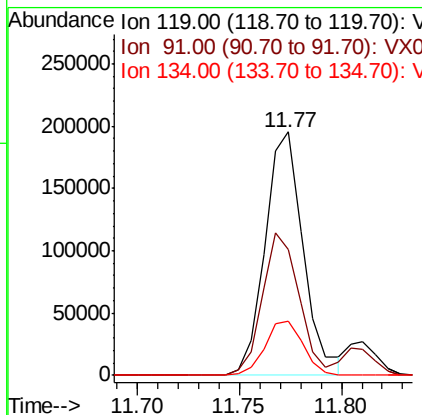
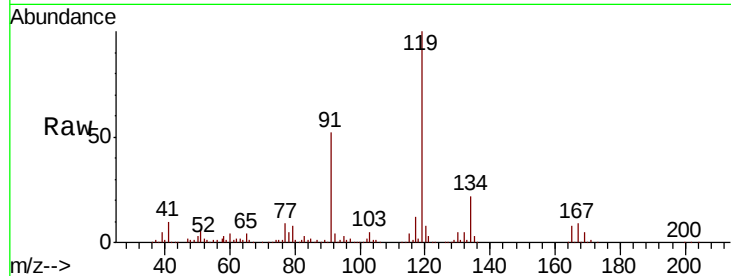




#83
 tert-Butylbenzene
 Concen: 22.53 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

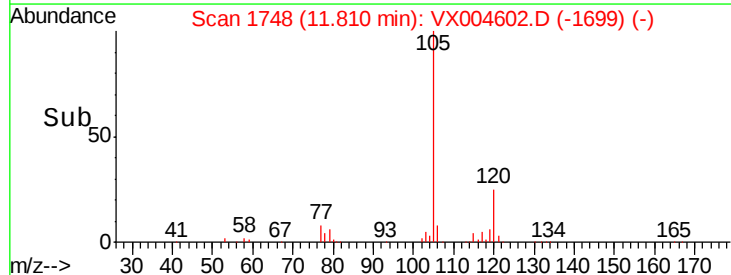
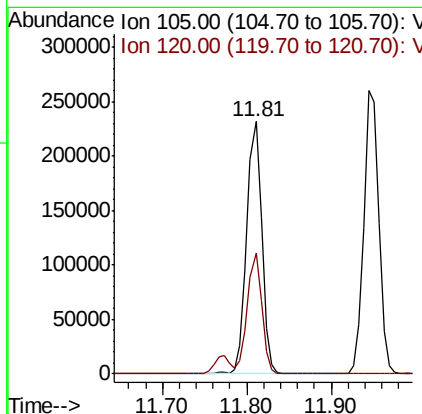
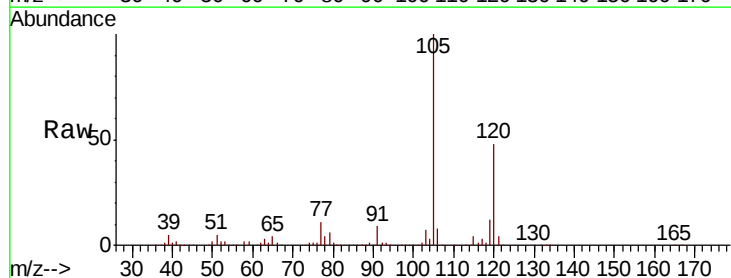
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0915WBSD02

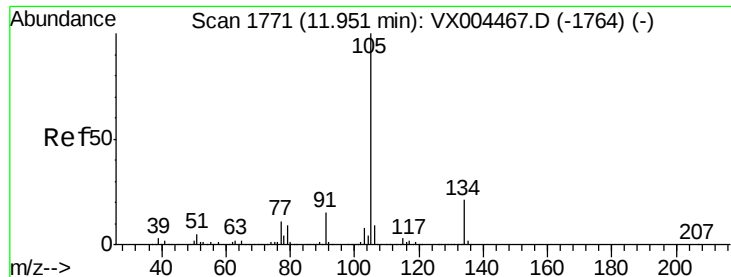
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	27.0	81.0
134	22.3	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.79 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 22.49 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

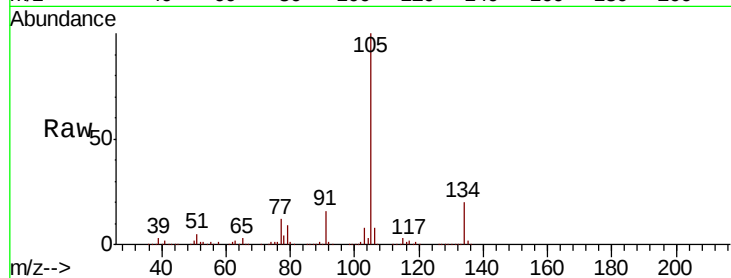
VX0915WBSD02

Tot Ion:105 Resp: 323984

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

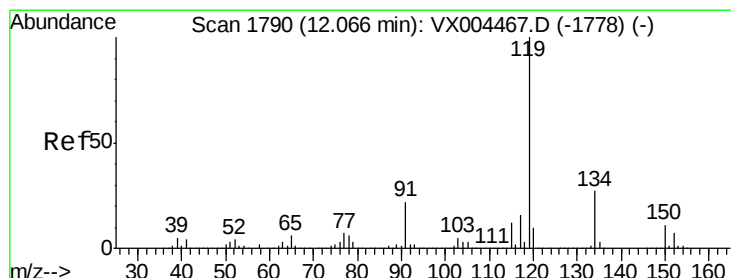
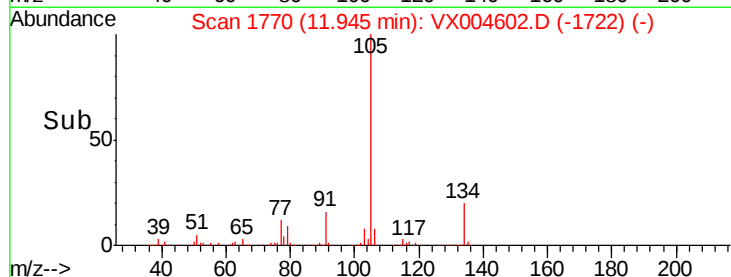
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.40 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

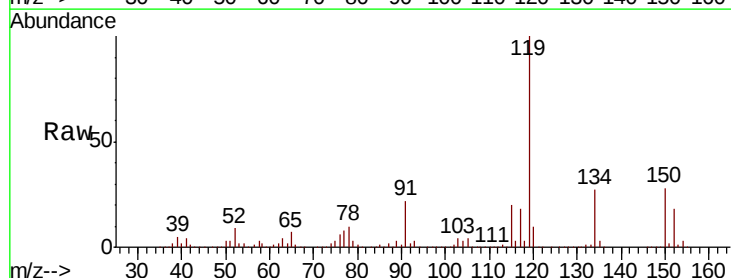
Tgt Ion:119 Resp: 272243

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.5 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

250000

200000

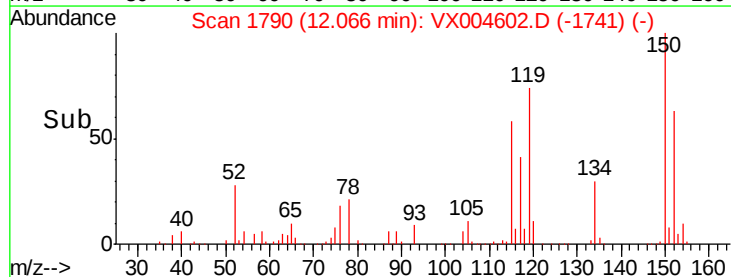
150000

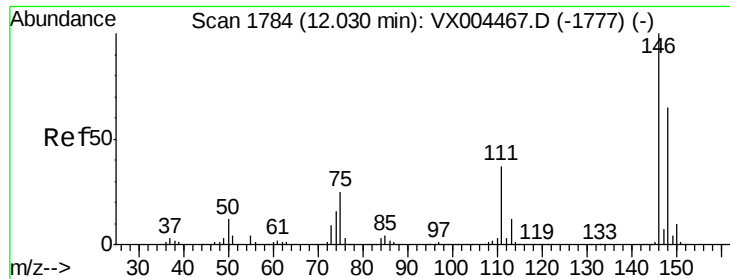
100000

50000

0

Time-->

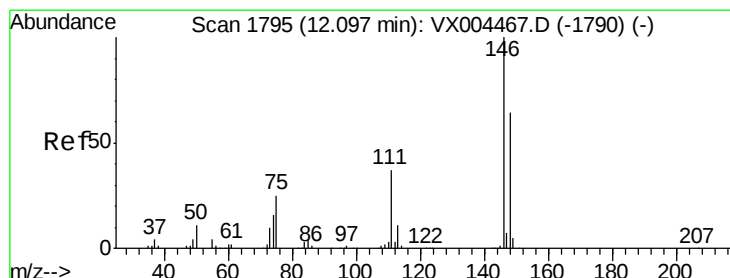
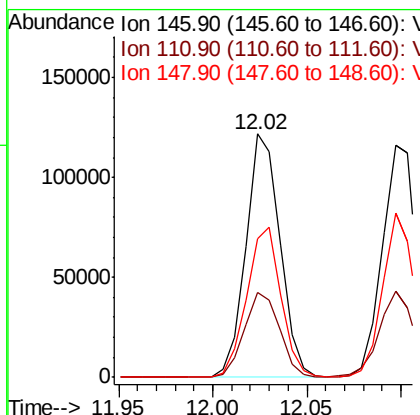
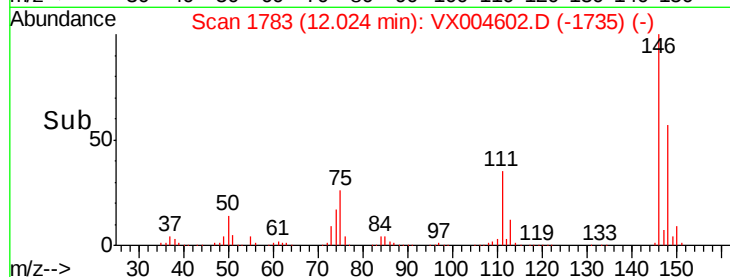
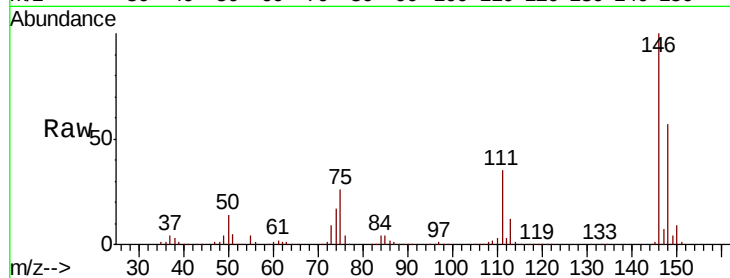




#87
 1,3-Dichlorobenzene
 Concen: 21.03 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

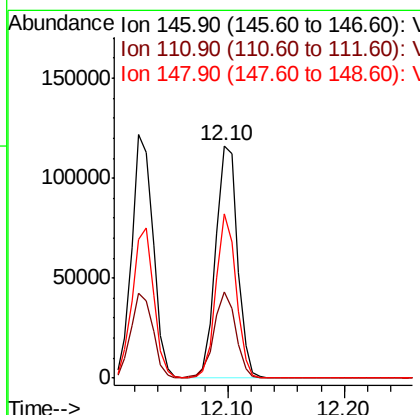
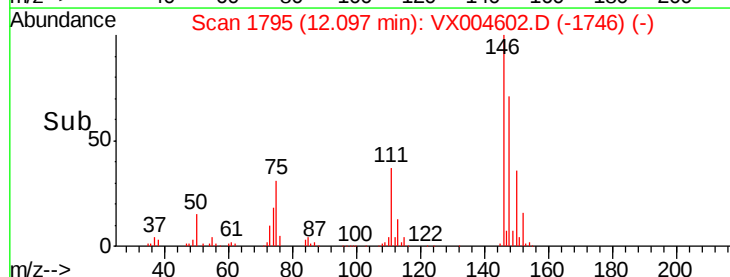
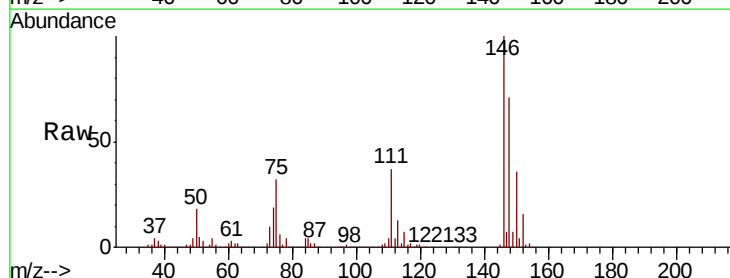
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

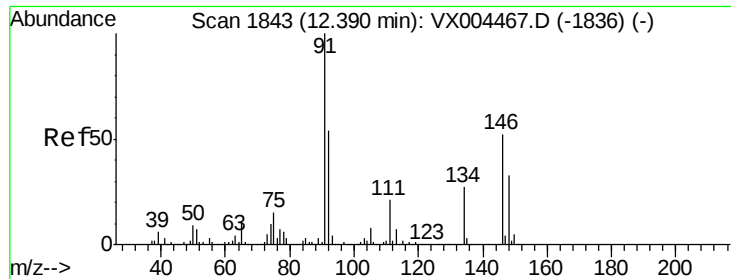
Tot Ion:146 Resp: 153181
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.7 56.1
 148 61.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.76 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion:146 Resp: 148711
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.1
 148 65.7 32.0 96.0

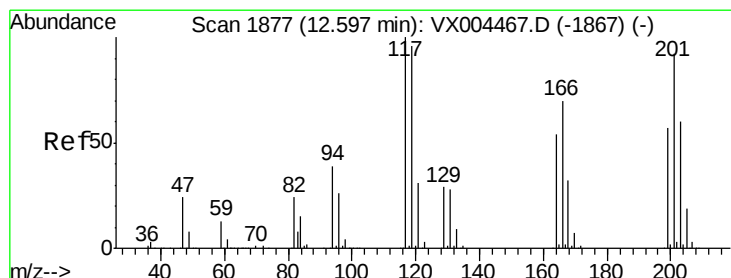
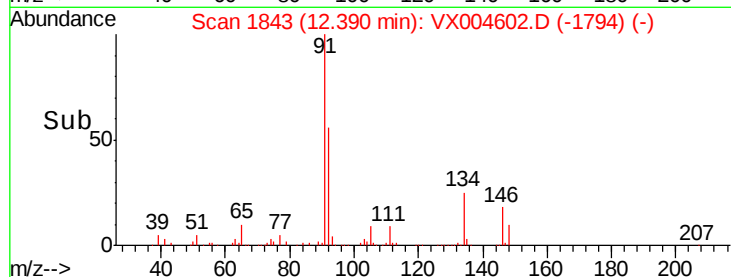
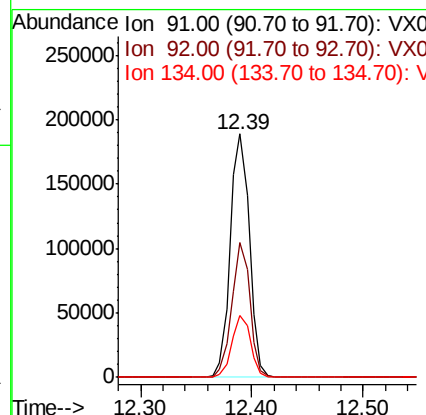
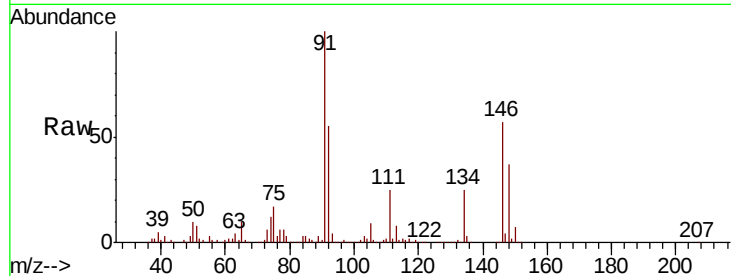




#89
n-Butylbenzene
Concen: 19.41 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

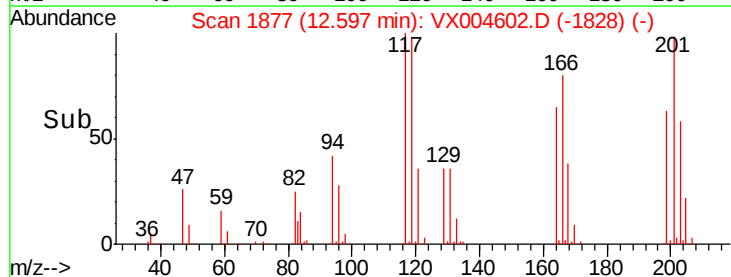
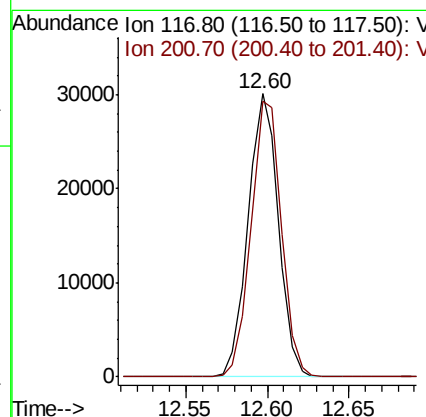
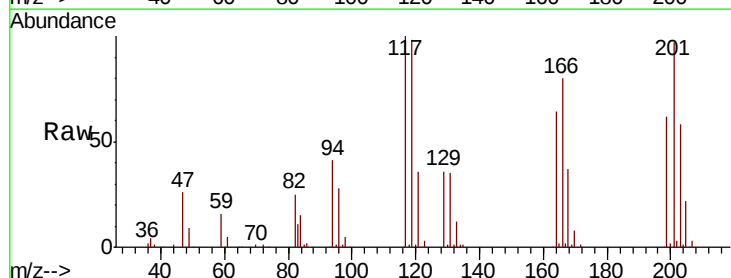
Instrument :
MSVOA_X
ClientSampleID :
VX0915WBSD02

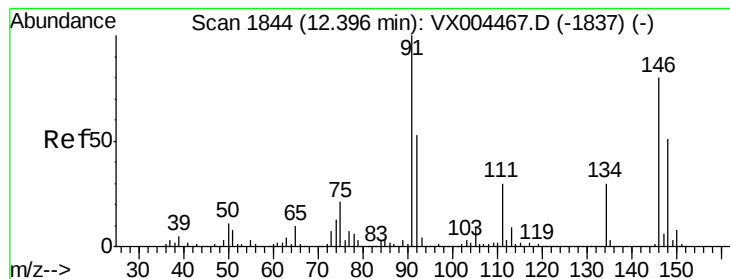
Tot Ion: 91 Resp: 224981
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 24.8 13.6 40.7



#90
Hexachloroethane
Concen: 19.13 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004602.D
Acq: 16 Sep 2018 00:00

Tgt Ion: 117 Resp: 38957
Ion Ratio Lower Upper
117 100
201 98.1 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.24 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBSD02

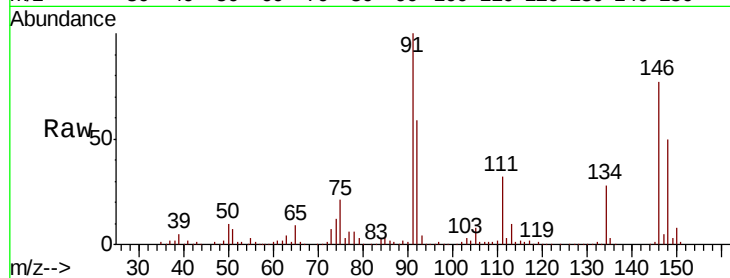
Tot Ion:146 Resp: 141870

Ion Ratio Lower Upper

146 100

111 40.9 19.4 58.1

148 65.2 32.8 98.3

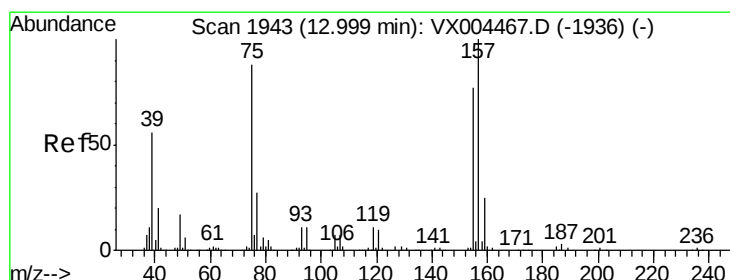
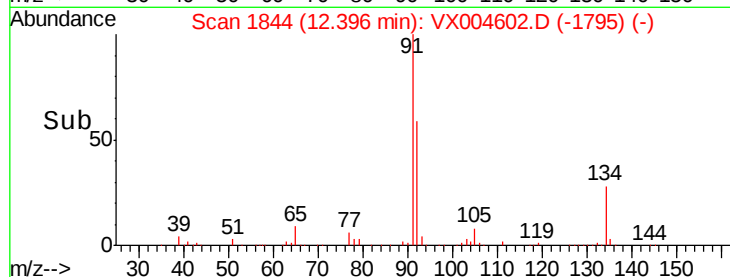
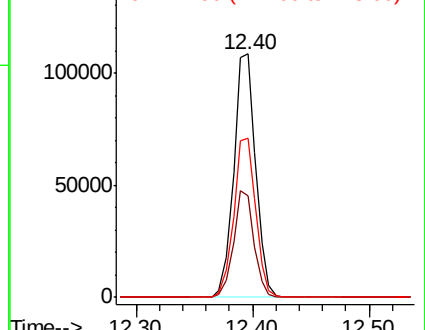


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.65 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

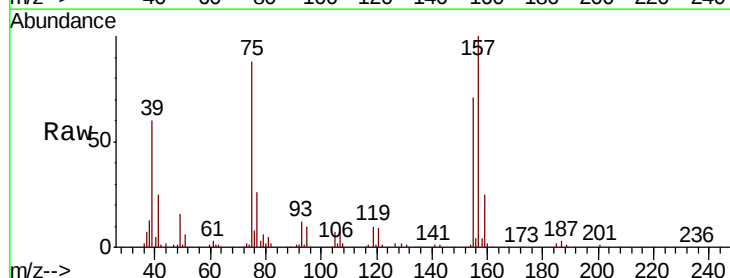
Tgt Ion: 75 Resp: 20086

Ion Ratio Lower Upper

75 100

155 94.2 48.0 144.2

157 124.6 61.4 184.1

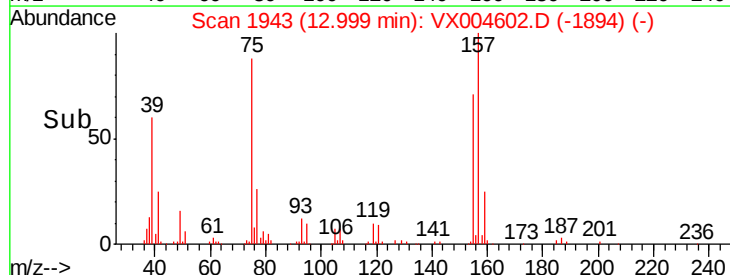
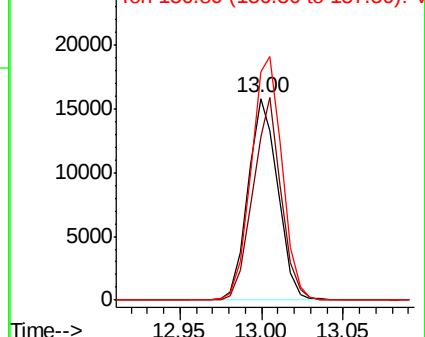


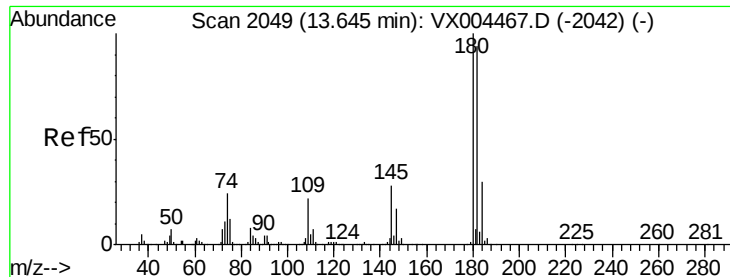
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

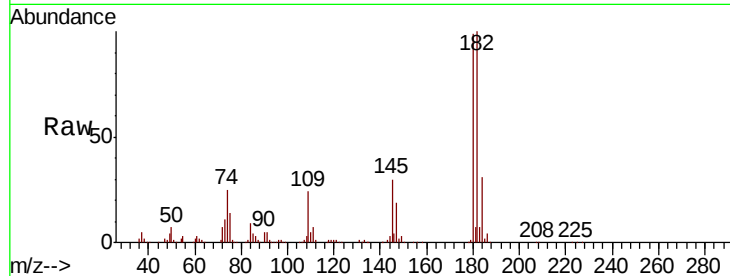




#93
 1,2,4-Trichlorobenzene
 Concen: 22.21 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.0
145	28.2	14.3	42.9

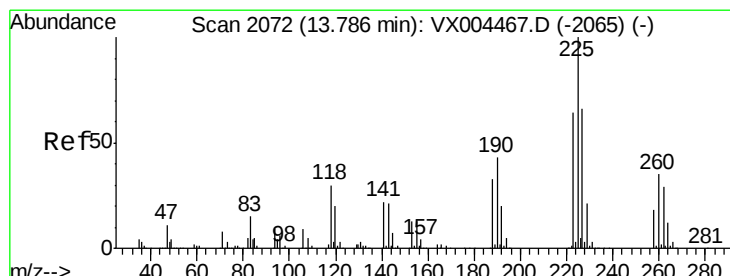
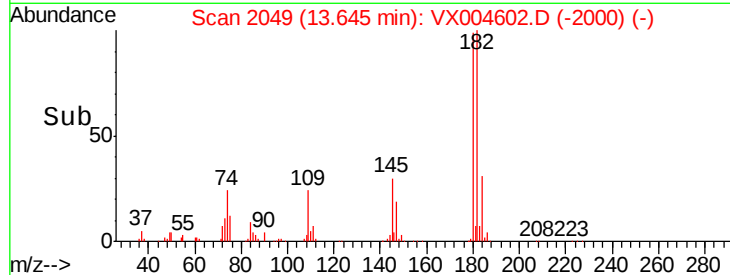
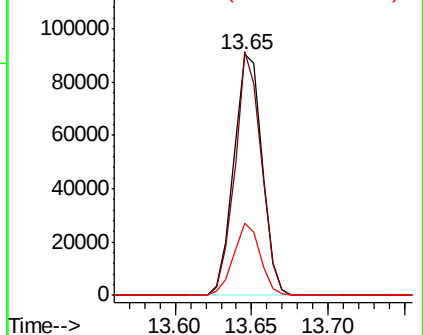


Abundance

Ion 179.80 (179.50 to 180.50): V

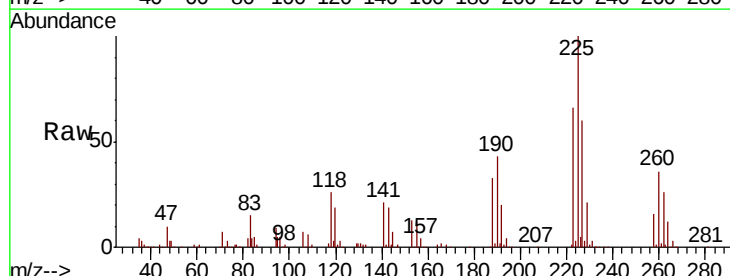
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.77 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004602.D
 Acq: 16 Sep 2018 00:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.1	90.5
227	62.2	30.8	92.4

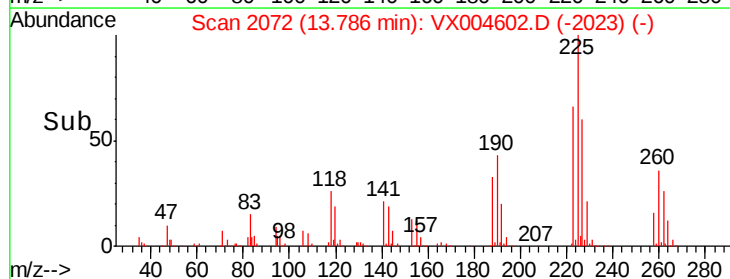
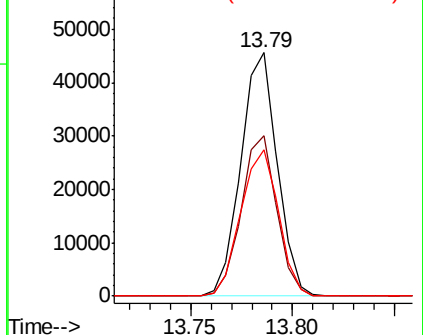


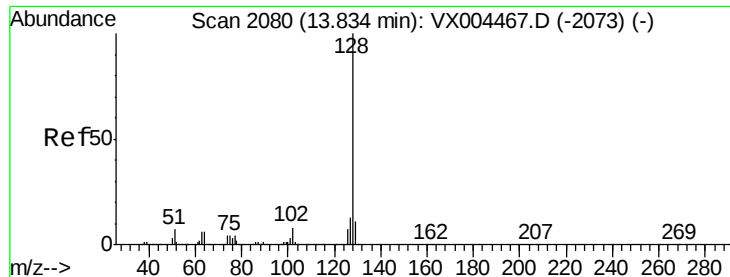
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.75 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

Instrument :

MSVOA_X

ClientSampled :

VX0915WBSD02

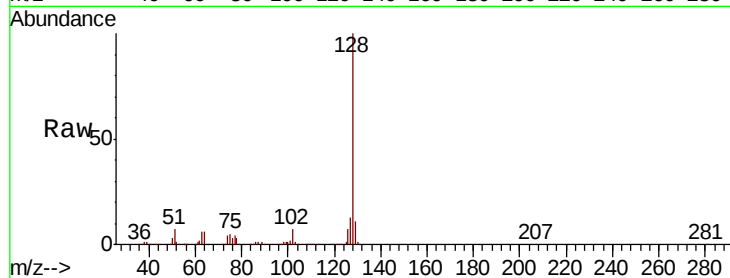
Tot Ion:128 Resp: 333042

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

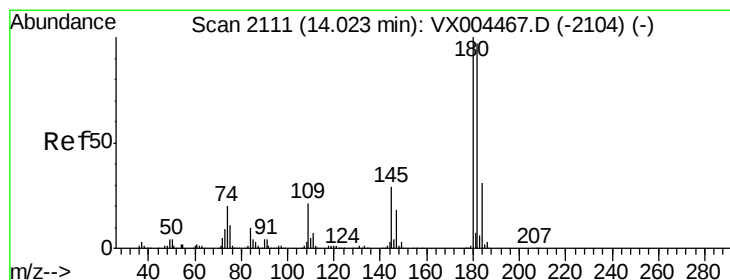
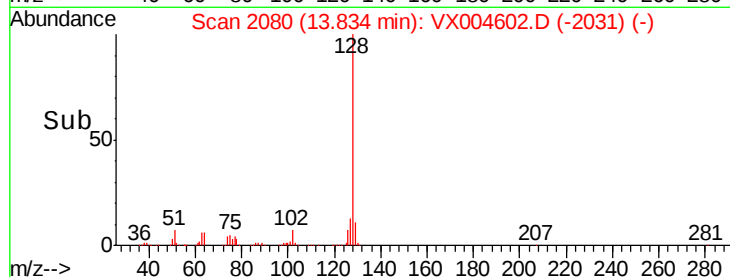
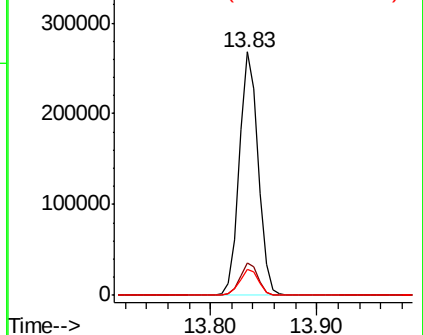
129 10.9 8.6 12.8



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: 21.53 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX004602.D

Acq: 16 Sep 2018 00:00

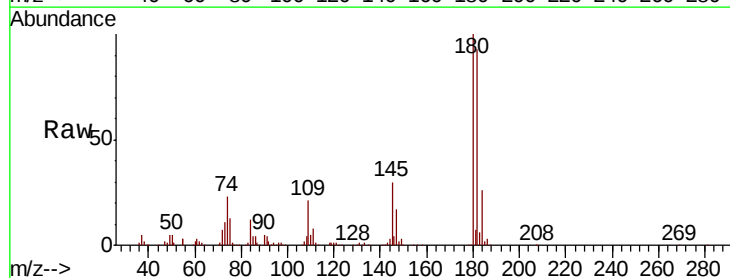
Tgt Ion:180 Resp: 115462

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 29.8 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

