

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004579.D
 Acq On : 15 Sep 2018 12:54
 Operator : JC/MD
 Sample : VX0915WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

Quant Time: Sep 17 07:17:13 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	291270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172883	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	5.50	113	150221	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	8.71	98	512384	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.14	95	186751	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52991	19.41	ug/l	96
3) Chloromethane	1.32	50	65601	17.46	ug/l	98
4) Vinyl Chloride	1.40	62	68180	17.68	ug/l	98
5) Bromomethane	1.64	94	33882	20.28	ug/l	95
6) Chloroethane	1.72	64	45288	18.16	ug/l	99
7) Trichlorofluoromethane	1.93	101	95553	18.69	ug/l	99
8) Diethyl Ether	2.18	74	40348	17.61	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60996	18.81	ug/l	98
10) Methyl Iodide	2.51	142	45603	15.02	ug/l	98
11) Tert butyl alcohol	3.06	59	75530	84.28	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55198	18.14	ug/l	91
13) Acrolein	2.29	56	53653	151.67	ug/l	97
14) Allyl chloride	2.73	41	110524	17.66	ug/l	97
15) Acrylonitrile	3.15	53	189486	87.80	ug/l	99
16) Acetone	2.44	43	158450	86.44	ug/l	98
17) Carbon Disulfide	2.57	76	151864	17.26	ug/l	97
18) Methyl Acetate	2.78	43	87933	17.10	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	194312	18.20	ug/l	95
20) Methylene Chloride	2.85	84	66014	17.56	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60379	17.95	ug/l	98
22) Diisopropyl ether	3.87	45	203924	18.10	ug/l	97
23) Vinyl Acetate	3.82	43	836638	91.74	ug/l	98
24) 1,1-Dichloroethane	3.69	63	114203	17.95	ug/l	98
25) 2-Butanone	4.70	43	236874	81.20	ug/l	97
26) 2,2-Dichloropropane	4.57	77	87839	20.10	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	71175	18.96	ug/l	99
28) Bromochloromethane	5.02	49	54389	18.69	ug/l	99
29) Tetrahydrofuran	5.15	42	151087	85.88	ug/l	97
30) Chloroform	5.21	83	110164	17.74	ug/l	95
31) Cyclohexane	5.57	56	107404	19.77	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	92767	18.54	ug/l	99
36) 1,1-Dichloropropene	5.80	75	85699	19.99	ug/l	97
37) Ethyl Acetate	4.85	43	88942	18.24	ug/l	99
38) Carbon Tetrachloride	5.78	117	81465	19.46	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004579.D
 Acq On : 15 Sep 2018 12:54
 Operator : JC/MD
 Sample : VX0915WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

Quant Time: Sep 17 07:17:13 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	94799	21.19	ug/l	95
40) Benzene	6.13	78	263510	20.72	ug/l	96
41) Methacrylonitrile	5.05	41	49981	18.61	ug/l	99
42) 1,2-Dichloroethane	6.20	62	87438	20.73	ug/l	99
43) Isopropyl Acetate	6.46	43	134492	20.77	ug/l	98
44) Trichloroethene	7.21	130	65191	19.73	ug/l	99
45) 1,2-Dichloropropane	7.51	63	60401	19.74	ug/l	99
46) Dibromomethane	7.66	93	37487	19.39	ug/l	99
47) Bromodichloromethane	7.90	83	73611	20.13	ug/l	89
48) Methyl methacrylate	7.77	41	60468	18.87	ug/l	98
49) 1,4-Dioxane	7.76	88	29573	389.88	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	392950	85.99	ug/l	98
52) Toluene	8.79	92	145128	19.37	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	78807	18.45	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	88888	20.41	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	58707	18.19	ug/l	98
56) Ethyl methacrylate	9.18	69	83381	18.27	ug/l	98
57) 1,3-Dichloropropane	9.37	76	96529	18.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	214078	96.64	ug/l	95
59) 2-Hexanone	9.49	43	300899	85.84	ug/l	98
60) Dibromochloromethane	9.59	129	56709	18.67	ug/l	100
61) 1,2-Dibromoethane	9.67	107	59348	19.25	ug/l	100
64) Tetrachloroethene	9.34	164	73109	17.62	ug/l	98
65) Chlorobenzene	10.14	112	163404	19.79	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	56238	19.75	ug/l	99
67) Ethyl Benzene	10.25	91	273911	20.40	ug/l	97
68) m/p-Xylenes	10.36	106	214939	41.57	ug/l	99
69) o-Xylene	10.70	106	101252	20.37	ug/l	96
70) Styrene	10.71	104	169410	20.57	ug/l	98
71) Bromoform	10.86	173	43297	18.52	ug/l #	99
73) Isopropylbenzene	11.02	105	279721	17.86	ug/l	100
74) N-amyl acetate	10.90	43	105985	16.08	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	82339	16.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	96072	20.08	ug/l	86
77) Bromobenzene	11.26	156	73830	17.06	ug/l	98
78) n-propylbenzene	11.36	91	321779	17.87	ug/l	100
79) 2-Chlorotoluene	11.42	91	189648	17.37	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	237477	18.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24395	16.26	ug/l	97
82) 4-Chlorotoluene	11.51	91	223993	17.58	ug/l	96
83) tert-Butylbenzene	11.77	119	275522	21.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	293070	21.81	ug/l	97
85) sec-Butylbenzene	11.94	105	326971	20.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	309139	21.92	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	161996	20.06	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	163599	19.61	ug/l	99
89) n-Butylbenzene	12.39	91	228862	17.81	ug/l	98
90) Hexachloroethane	12.60	117	41521	18.39	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	144752	17.71	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19392	17.98	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091518\
Data File : VX004579.D
Acq On : 15 Sep 2018 12:54
Operator : JC/MD
Sample : VX0915WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

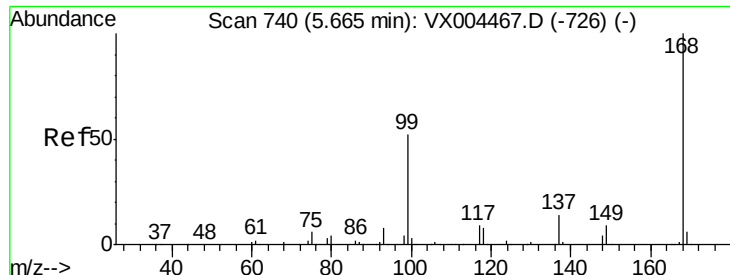
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

Quant Time: Sep 17 07:17:13 2018
Quant Method : Z:\V0ASRV\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	125226	21.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	63830	21.12	ug/l	98
95) Naphthalene	13.83	128	344799	21.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	117415	19.75	ug/l	97

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

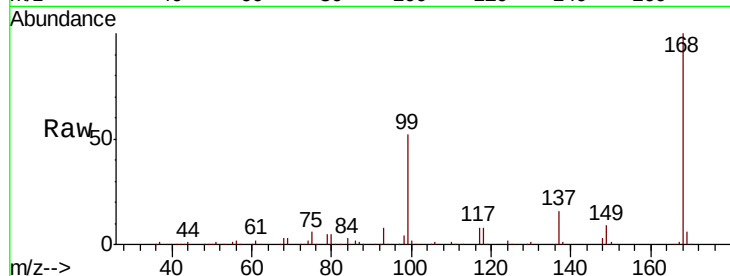
VX0915WBS01

Tot Ion:168 Resp: 291270

Ion Ratio Lower Upper

168 100

99 51.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

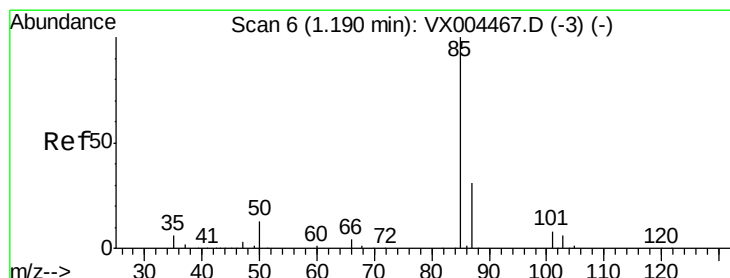
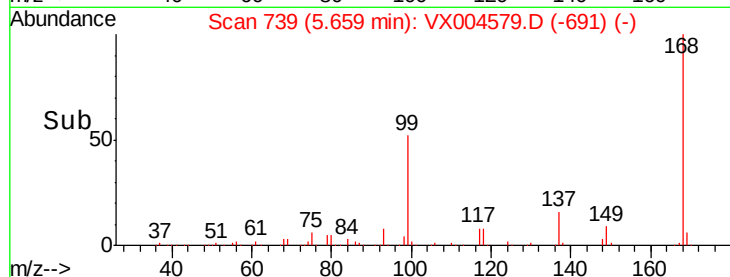
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.41 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004579.D

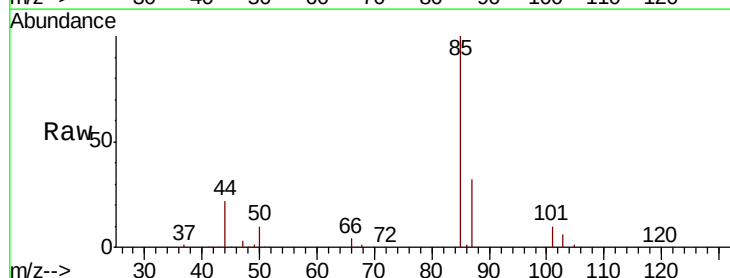
Acq: 15 Sep 2018 12:54

Tgt Ion: 85 Resp: 52991

Ion Ratio Lower Upper

85 100

87 31.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

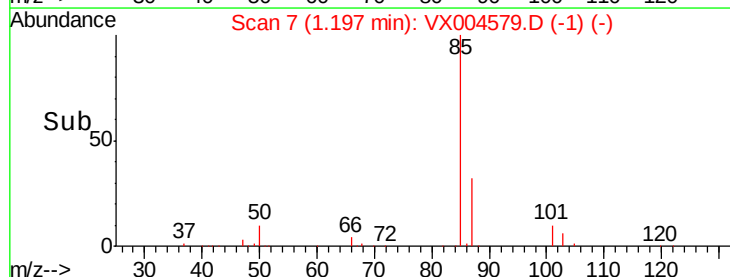
30000

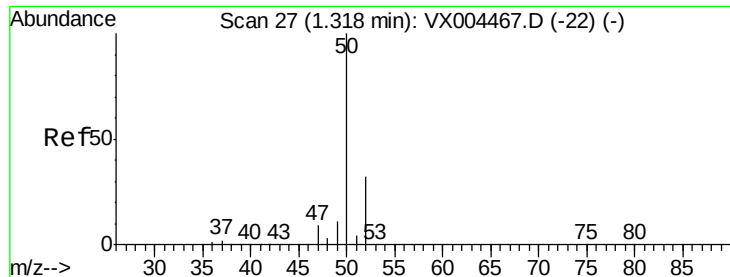
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.46 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

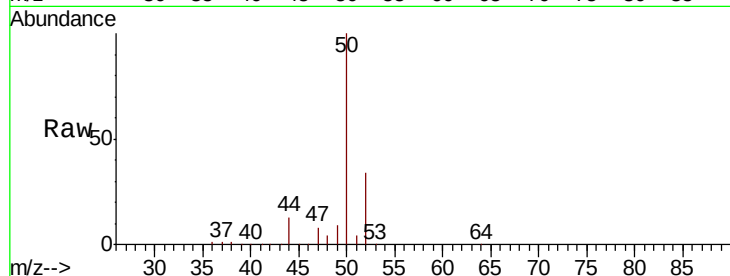
VX0915WBS01

Tot Ion: 50 Resp: 65601

Ion Ratio Lower Upper

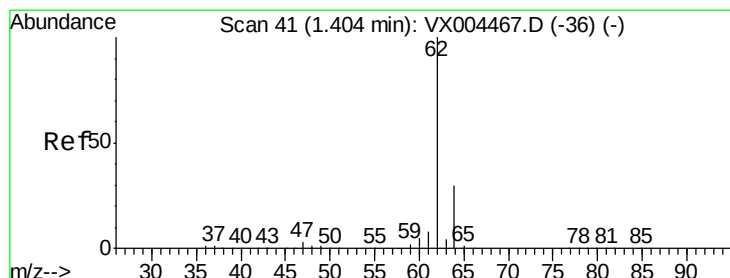
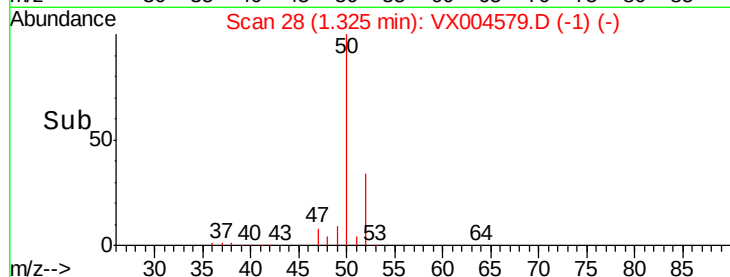
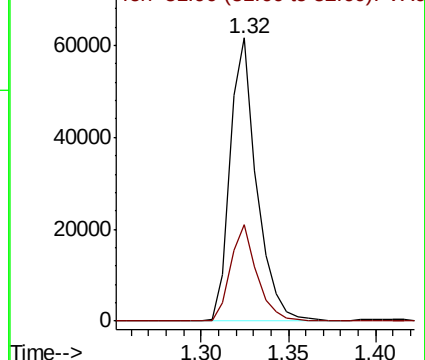
50 100

52 33.9 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: 17.68 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004579.D

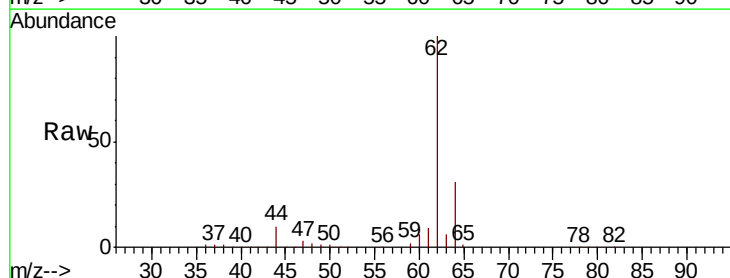
Acq: 15 Sep 2018 12:54

Tgt Ion: 62 Resp: 68180

Ion Ratio Lower Upper

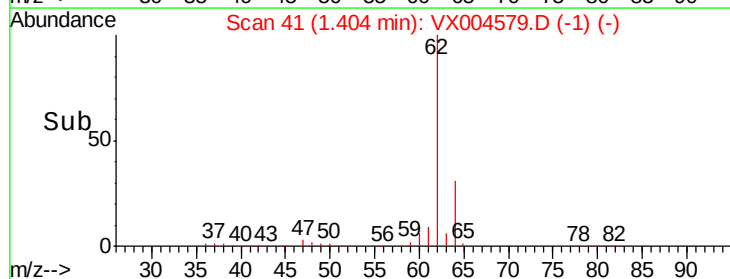
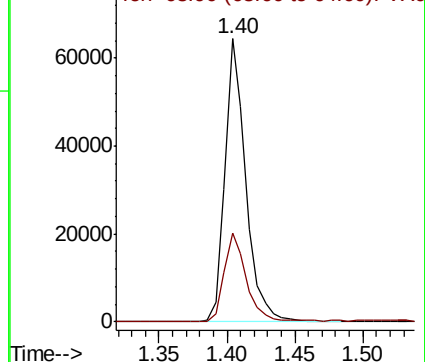
62 100

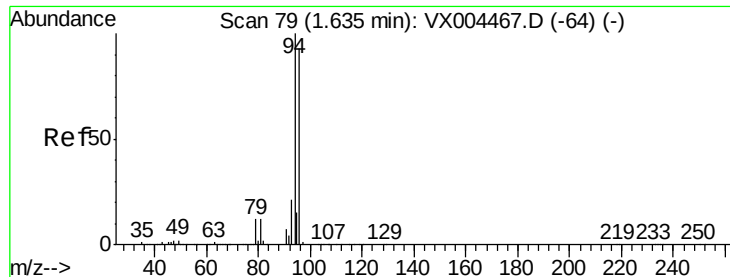
64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.28 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

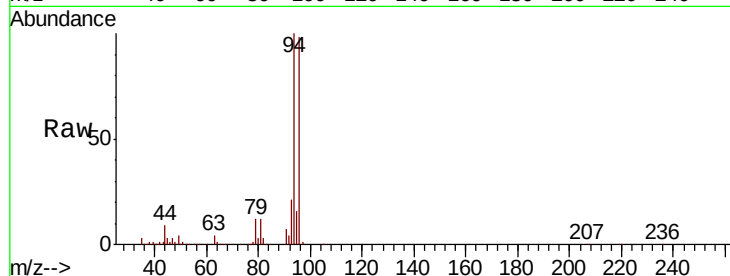
VX0915WBS01

Tot Ion: 94 Resp: 33882

Ion Ratio Lower Upper

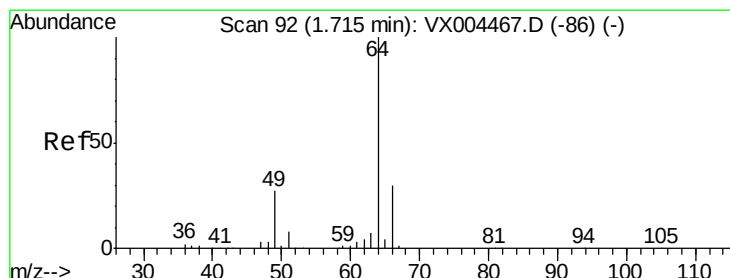
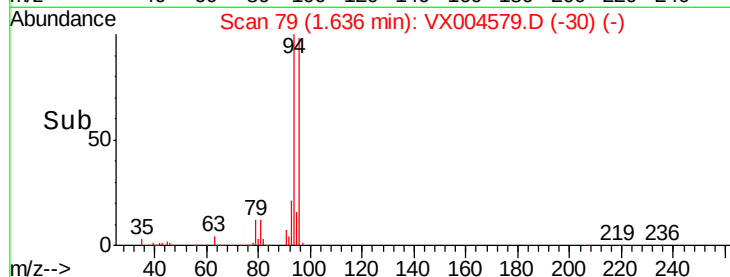
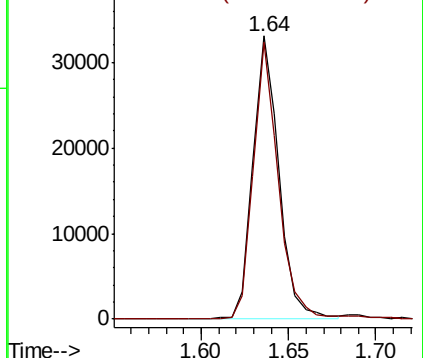
94 100

96 98.2 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: 18.16 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004579.D

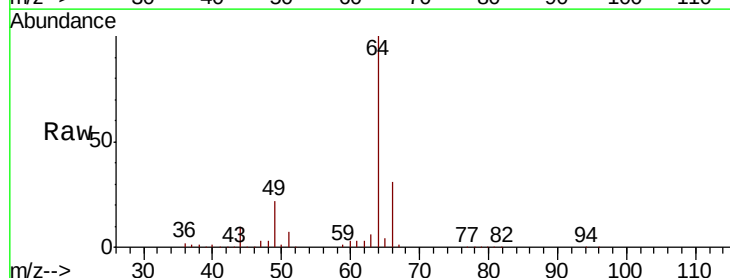
Acq: 15 Sep 2018 12:54

Tgt Ion: 64 Resp: 45288

Ion Ratio Lower Upper

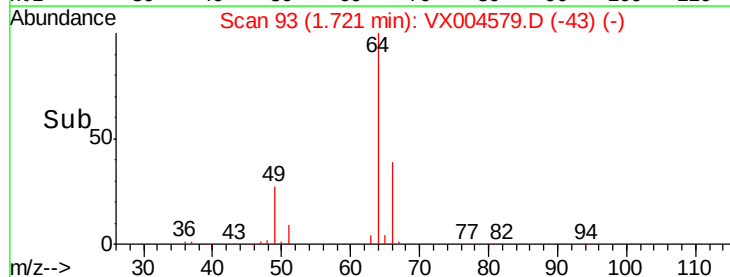
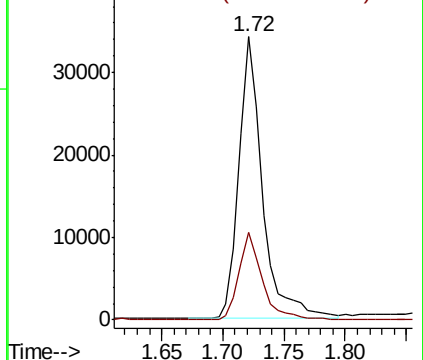
64 100

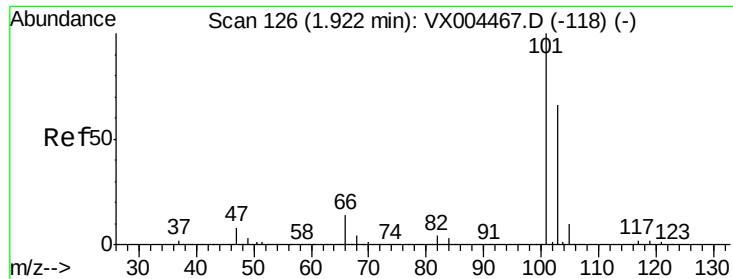
66 31.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



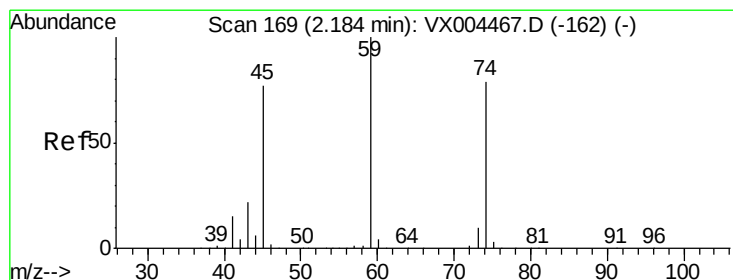
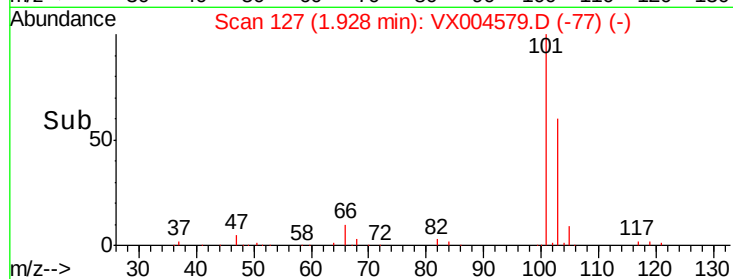
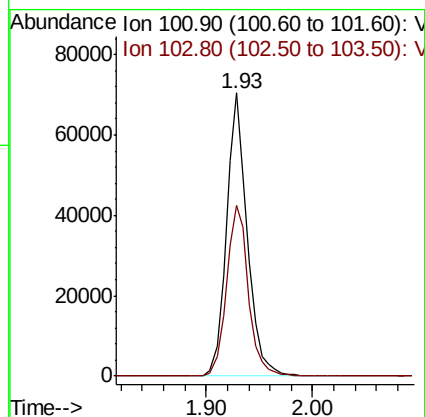
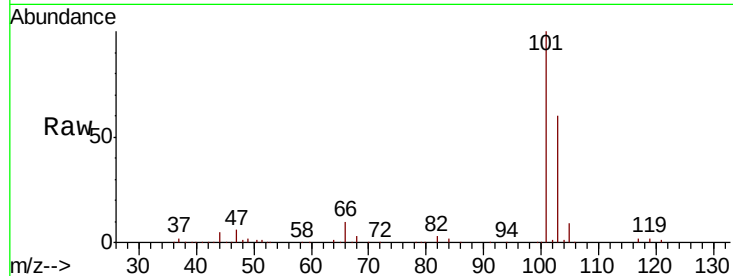


#7

Trichlorofluoromethane
Concen: 18.69 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

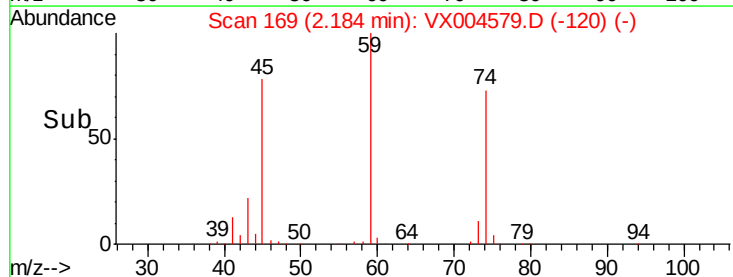
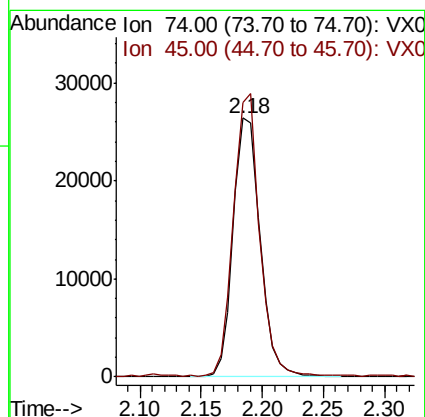
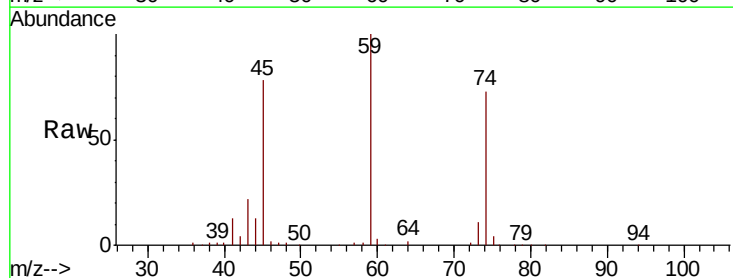
Tot Ion:101 Resp: 95553
Ion Ratio Lower Upper
101 100
103 60.5 48.9 73.3

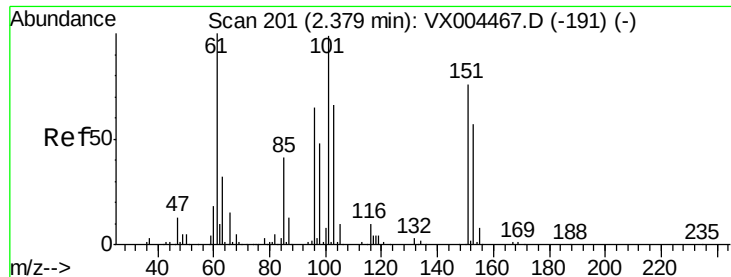


#8

Diethyl Ether
Concen: 17.61 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 74 Resp: 40348
Ion Ratio Lower Upper
74 100
45 104.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.81 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

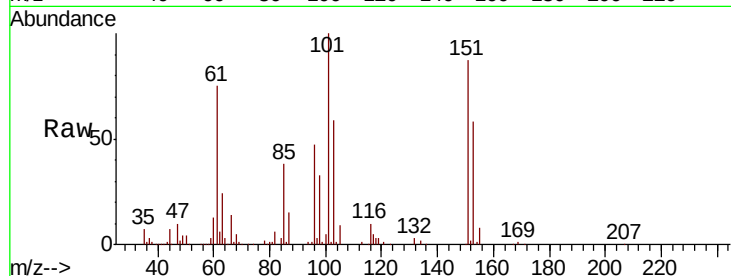
Tot Ion:101 Resp: 60996

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

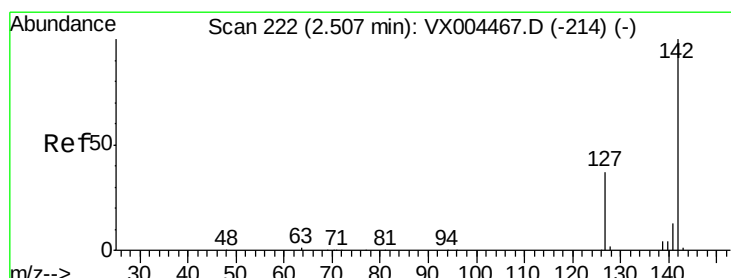
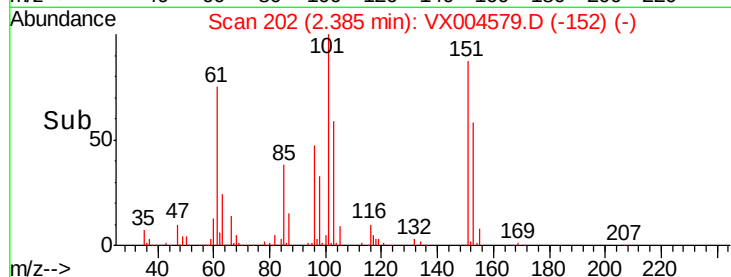
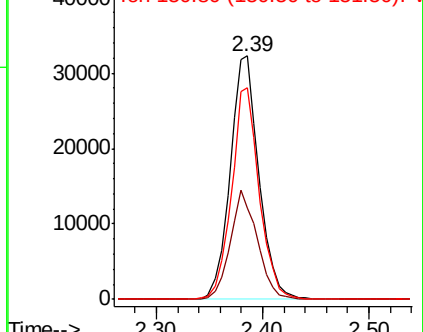
151 84.0 65.0 97.6



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: 15.02 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

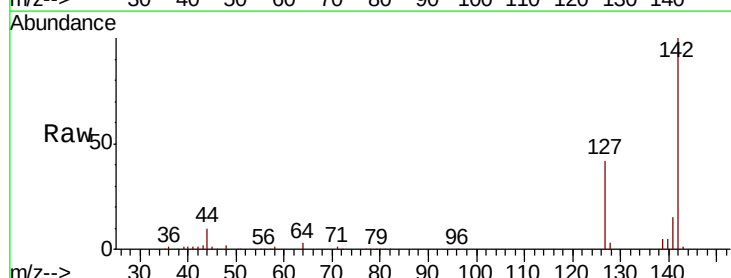
Tgt Ion:142 Resp: 45603

Ion Ratio Lower Upper

142 100

127 40.7 33.8 50.6

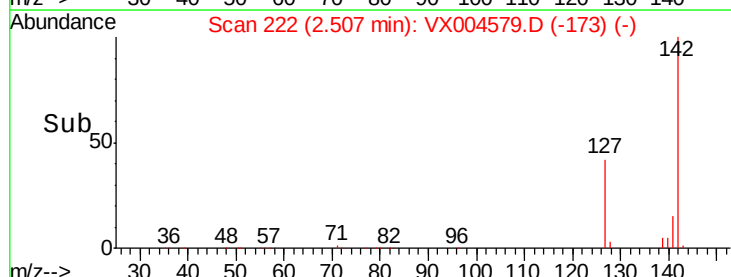
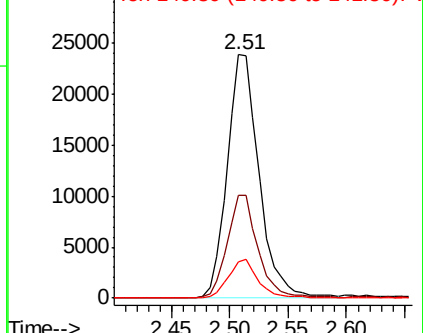
141 14.8 11.4 17.0

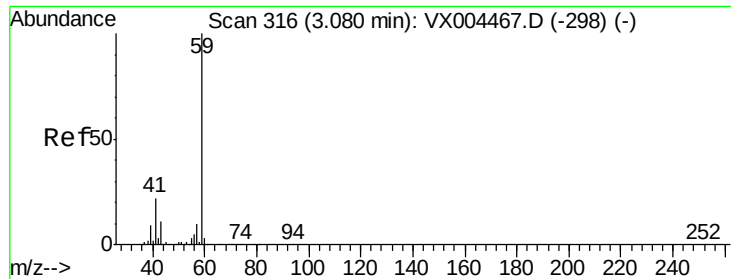


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



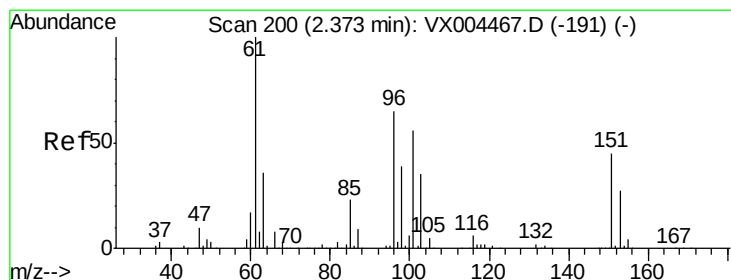
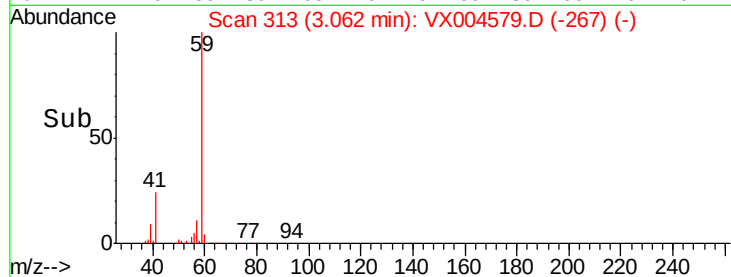
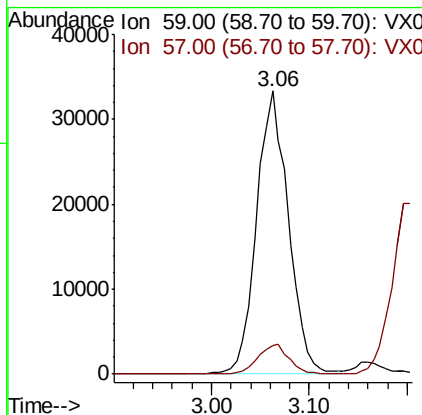
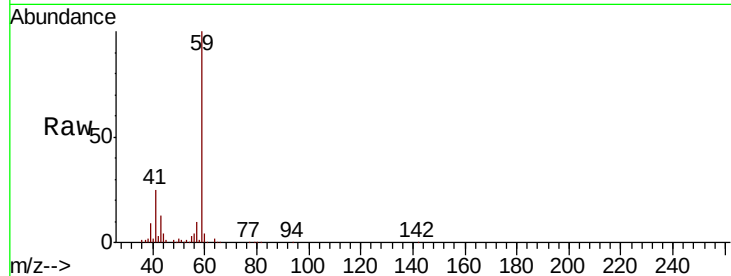


#11

Tert butyl alcohol
 Concen: 84.28 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

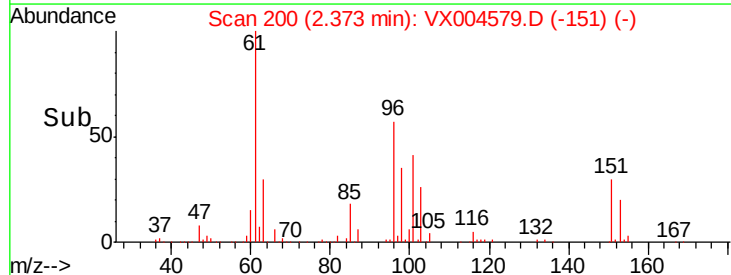
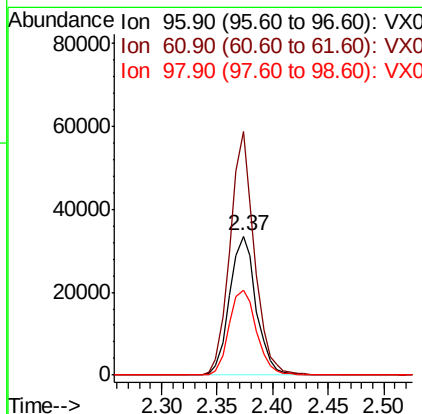
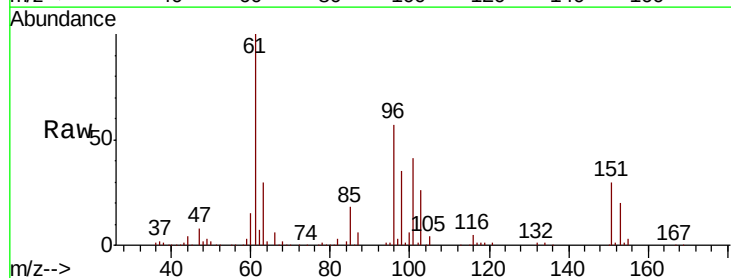
Tot Ion: 59 Resp: 75530
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

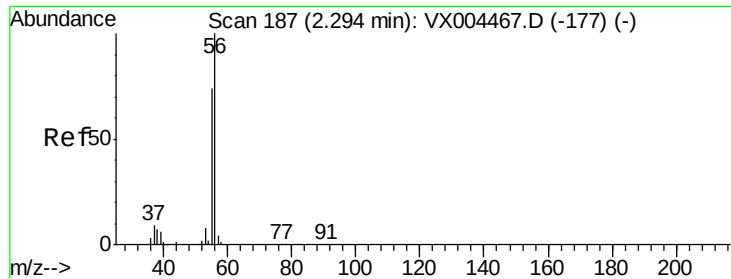


#12

1,1-Dichloroethene
 Concen: 18.14 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion: 96 Resp: 55198
 Ion Ratio Lower Upper
 96 100
 61 175.6 128.8 193.2
 98 61.1 52.2 78.2





#13

Acrolein

Concen: 151.67 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

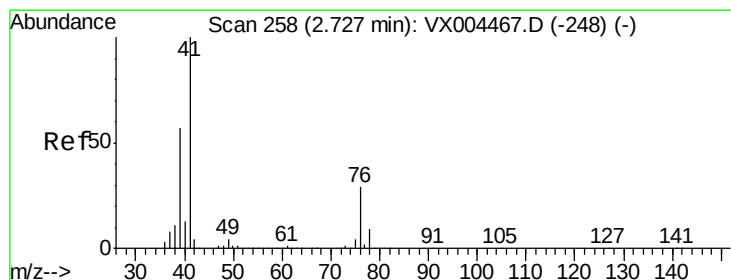
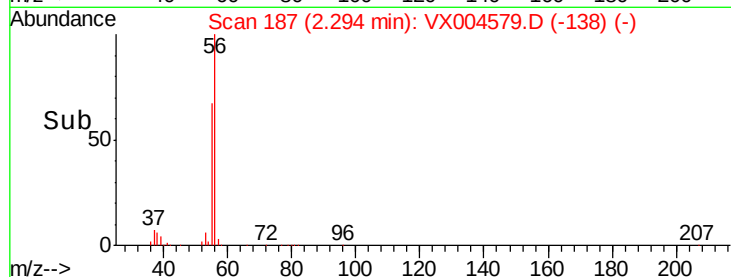
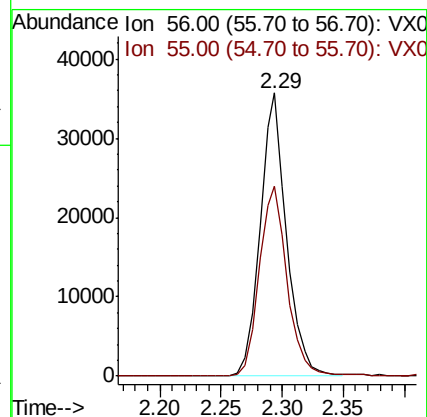
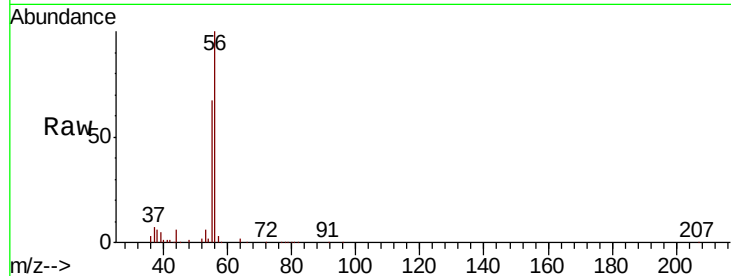
VX0915WBS01

Tot Ion: 56 Resp: 53653

Ion Ratio Lower Upper

56 100

55 70.9 54.7 82.1



#14

Allyl chloride

Concen: 17.66 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

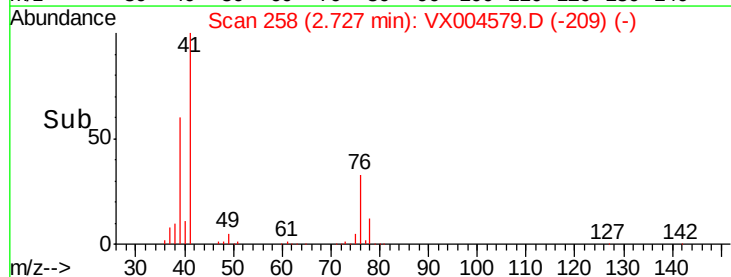
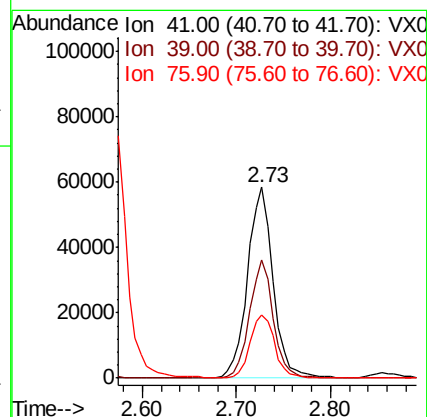
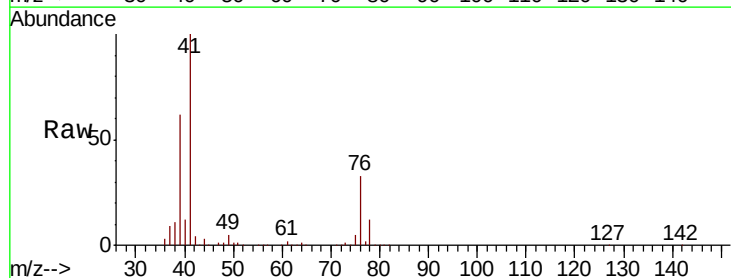
Tgt Ion: 41 Resp: 110524

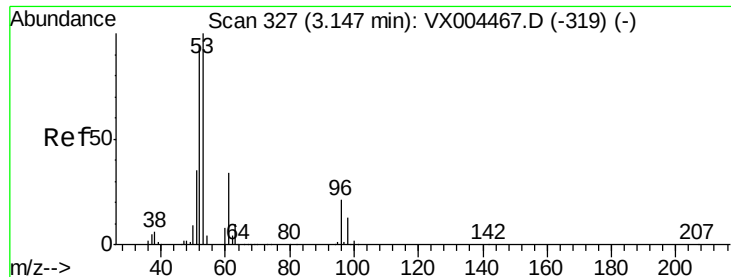
Ion Ratio Lower Upper

41 100

39 57.8 48.9 73.3

76 32.4 26.7 40.1





#15

Acrylonitrile

Concen: 87.80 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

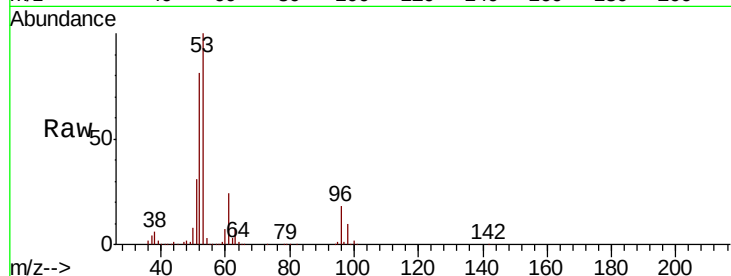
Tot Ion: 53 Resp: 189486

Ion Ratio Lower Upper

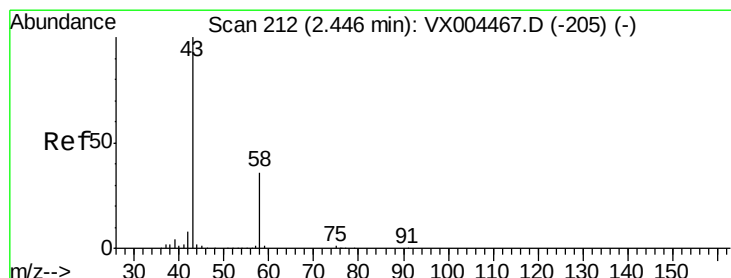
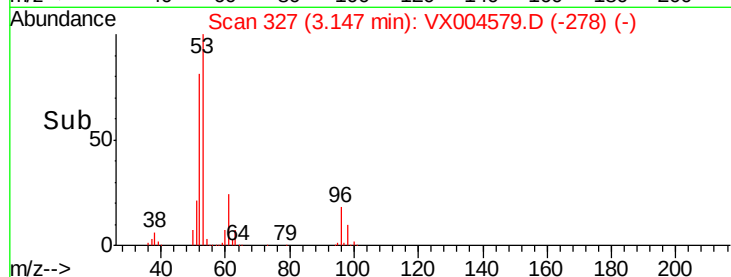
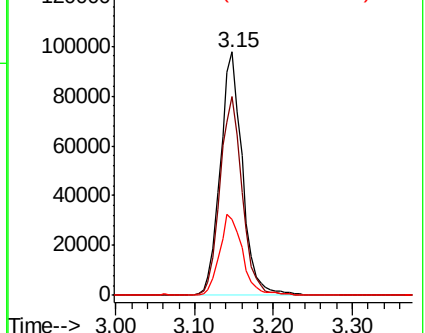
53 100

52 82.5 65.2 97.8

51 34.9 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: 86.44 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004579.D

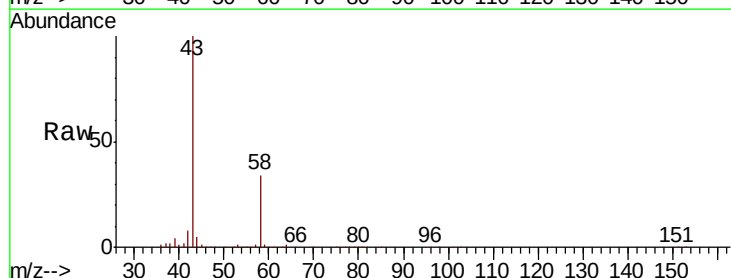
Acq: 15 Sep 2018 12:54

Tgt Ion: 43 Resp: 158450

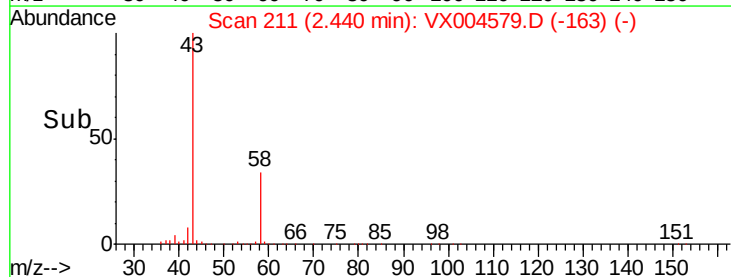
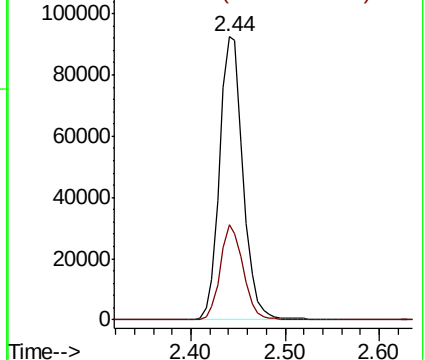
Ion Ratio Lower Upper

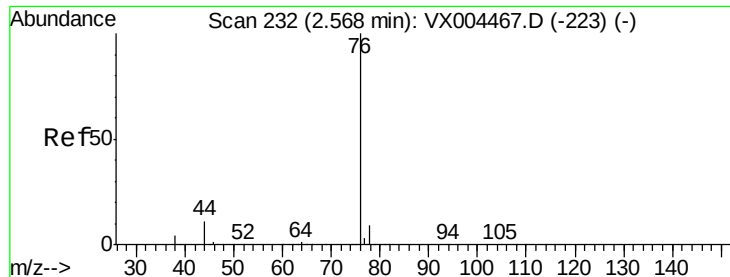
43 100

58 33.8 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: 17.26 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

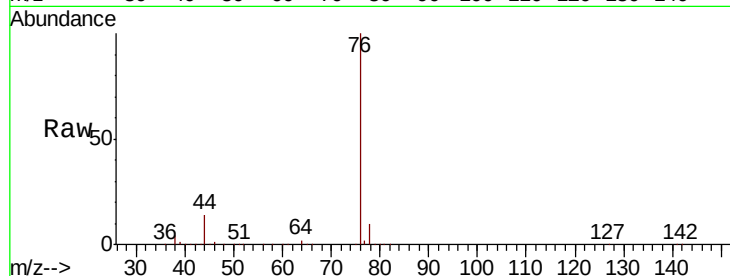
VX0915WBS01

Tot Ion: 76 Resp: 151864

Ion Ratio Lower Upper

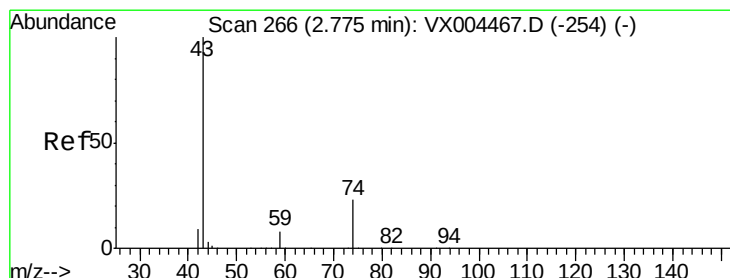
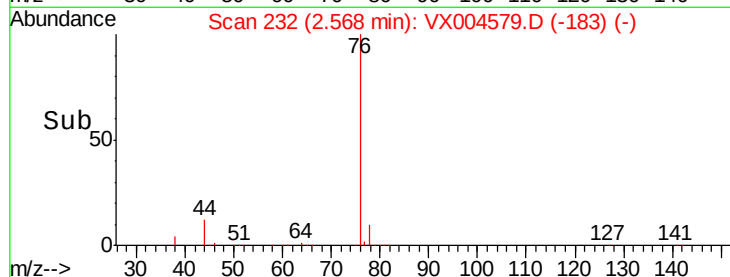
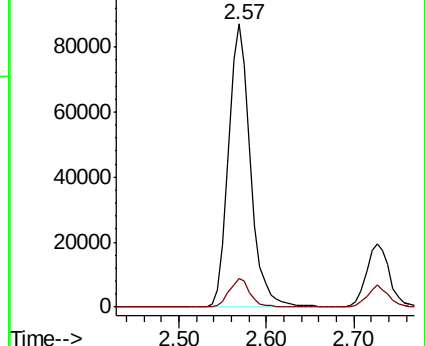
76 100

78 9.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.10 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004579.D

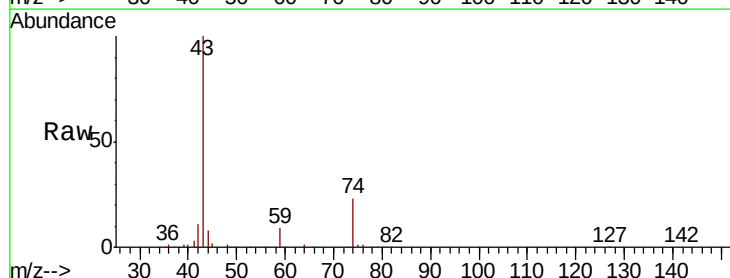
Acq: 15 Sep 2018 12:54

Tgt Ion: 43 Resp: 87933

Ion Ratio Lower Upper

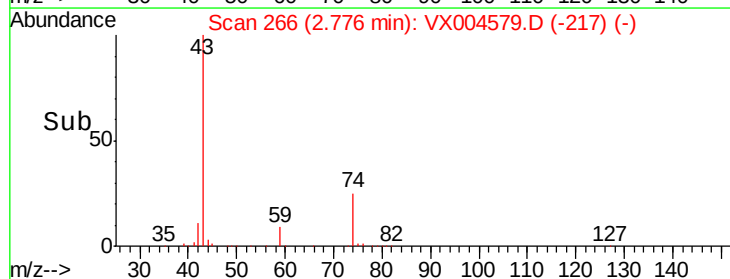
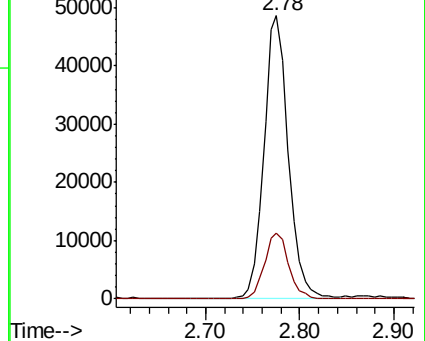
43 100

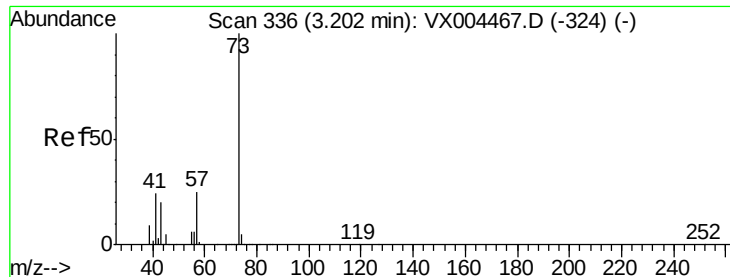
74 24.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



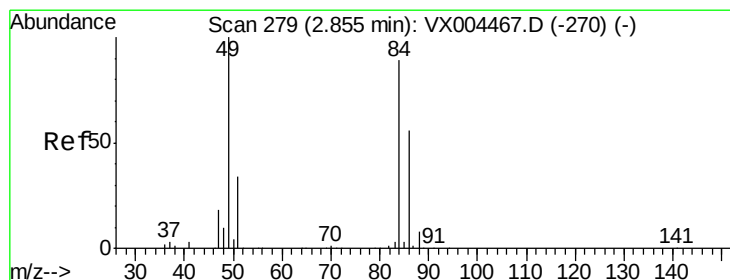
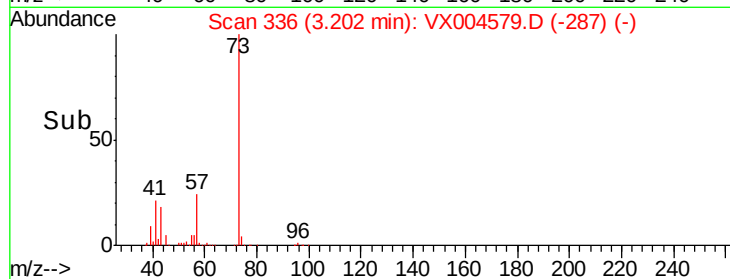
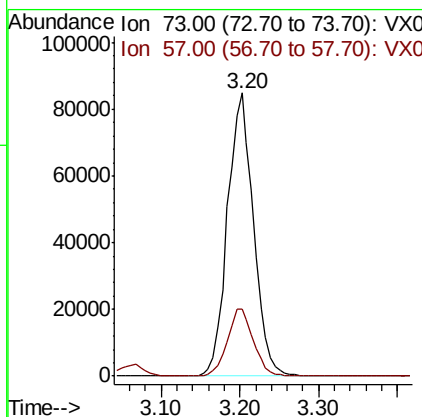
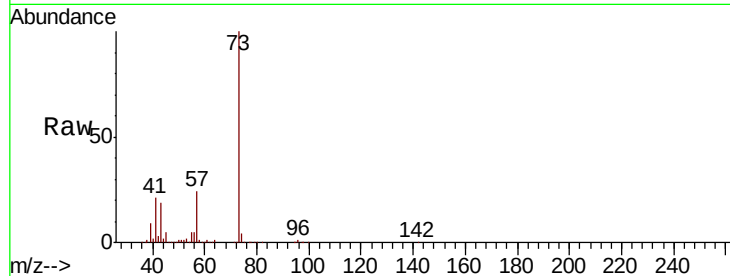


#19

Methyl tert-butyl Ether
 Concen: 18.20 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

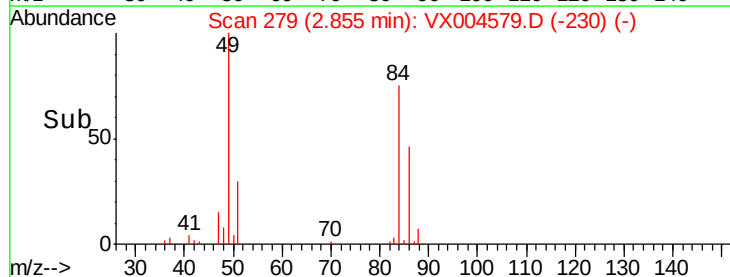
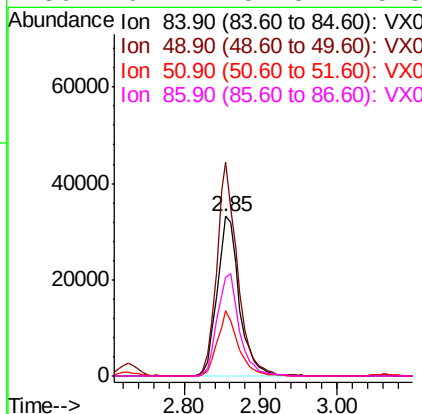
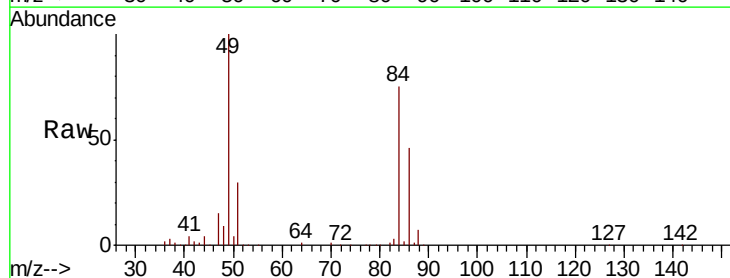
Tot Ion: 73 Resp: 194312
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.1 25.7

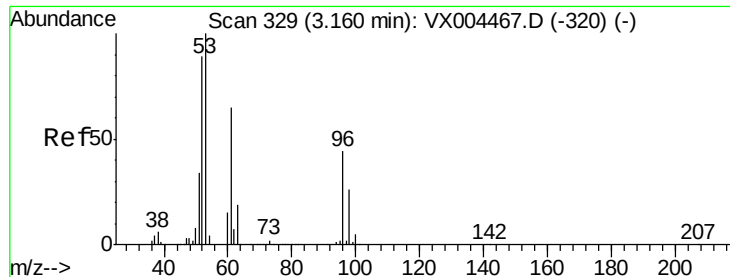


#20

Methylene Chloride
 Concen: 17.56 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion: 84 Resp: 66014
 Ion Ratio Lower Upper
 84 100
 49 133.9 101.2 151.8
 51 40.8 29.5 44.3
 86 62.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 17.95 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

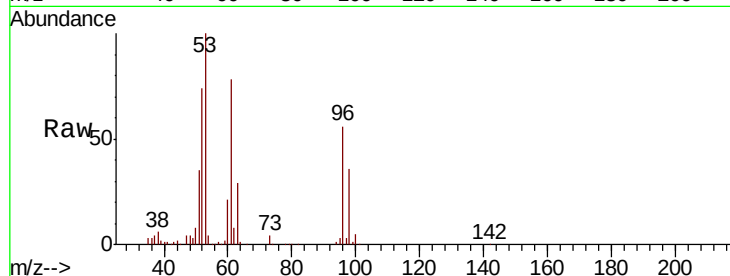
Tot Ion: 96 Resp: 60379

Ion Ratio Lower Upper

96 100

61 137.8 113.8 170.6

98 64.7 51.8 77.8

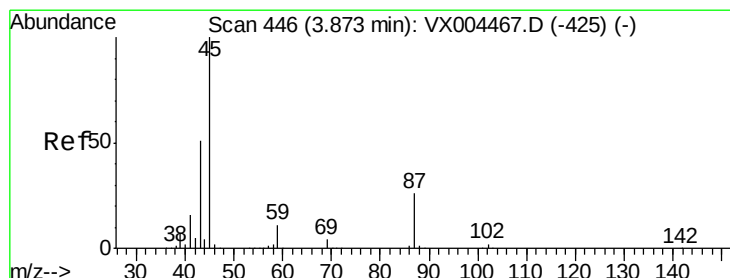
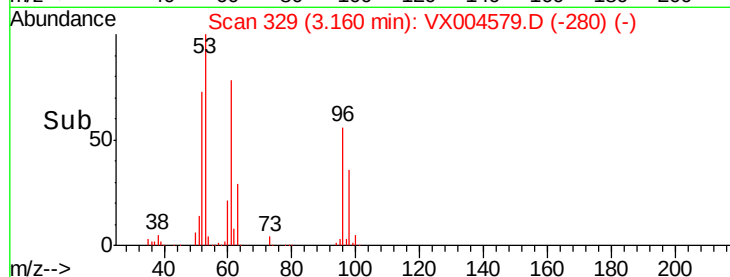
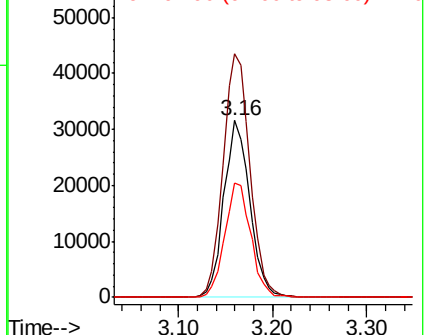


Abundance

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: 18.10 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Tgt Ion: 45 Resp: 203924

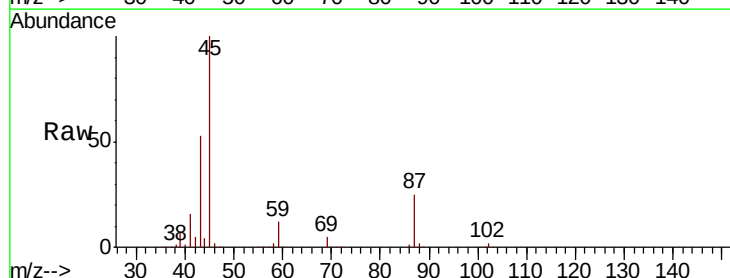
Ion Ratio Lower Upper

45 100

43 52.8 42.8 64.2

87 24.9 22.6 34.0

59 11.6 9.6 14.4



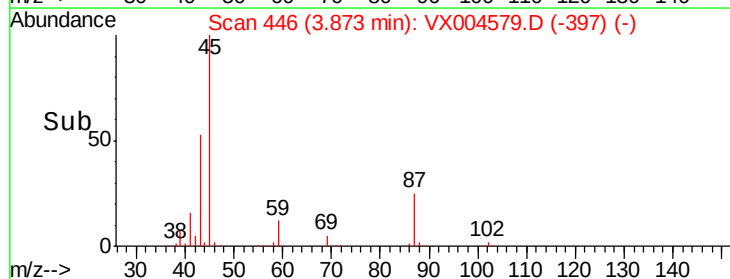
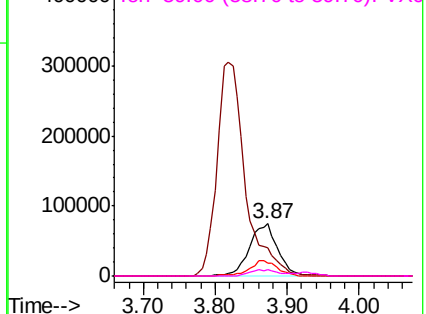
Abundance

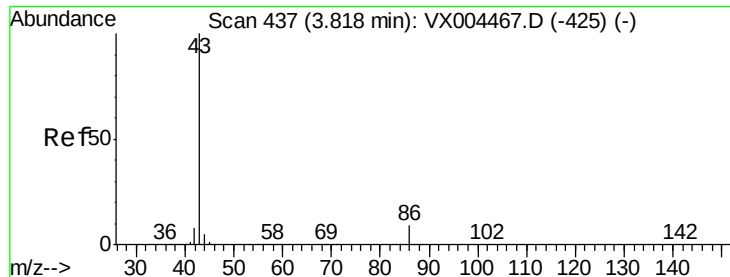
Ion 45.00 (44.70 to 45.70): VX0

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: 91.74 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

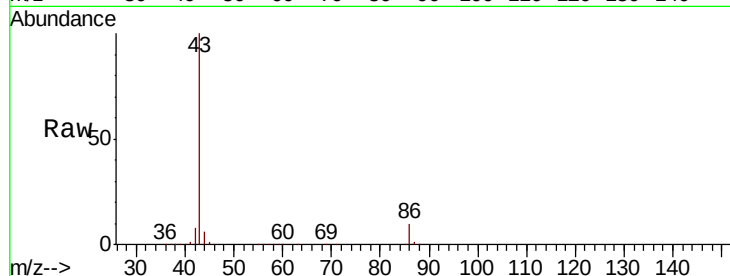
VX0915WBS01

Tot Ion: 43 Resp: 836638

Ion Ratio Lower Upper

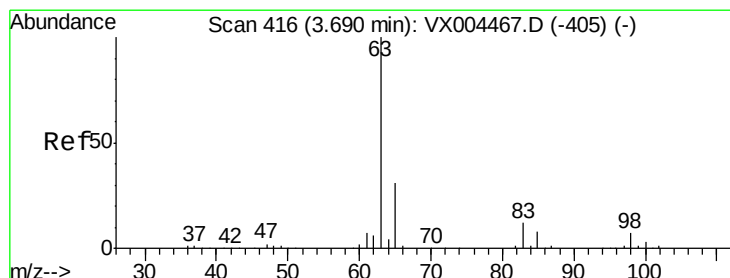
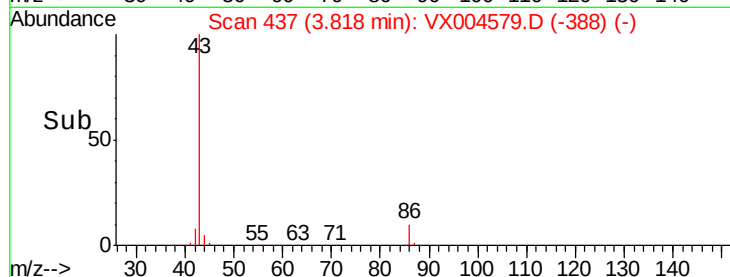
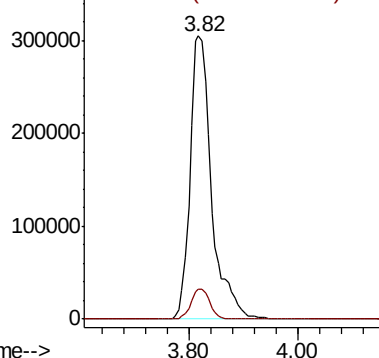
43 100

86 10.4 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: 17.95 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

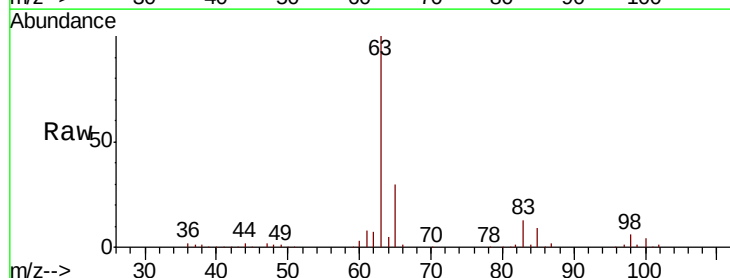
Tgt Ion: 63 Resp: 114203

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

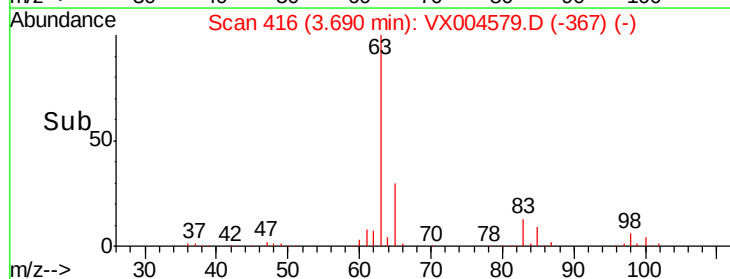
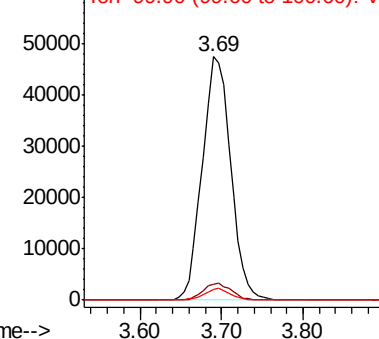
100 4.2 2.4 7.1

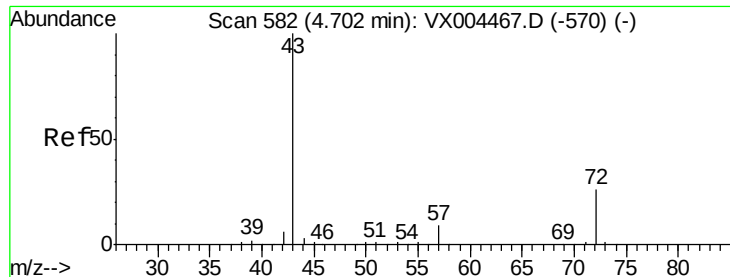


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 81.20 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

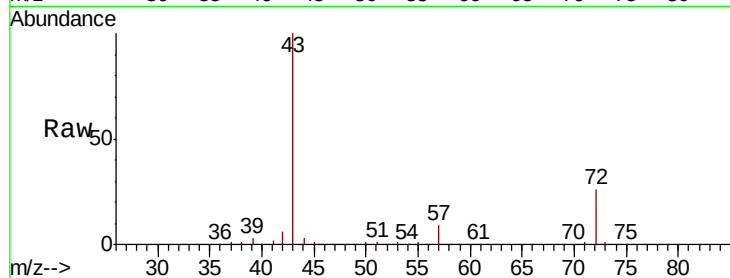
VX0915WBS01

Tot Ion: 43 Resp: 236874

Ion Ratio Lower Upper

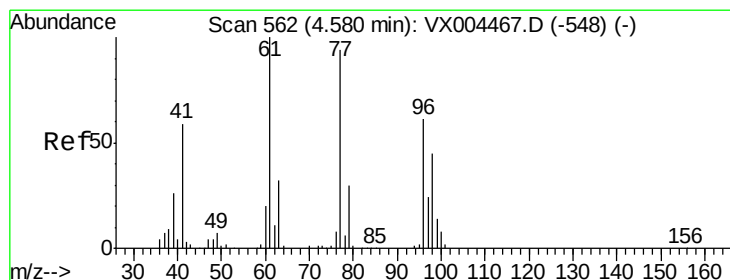
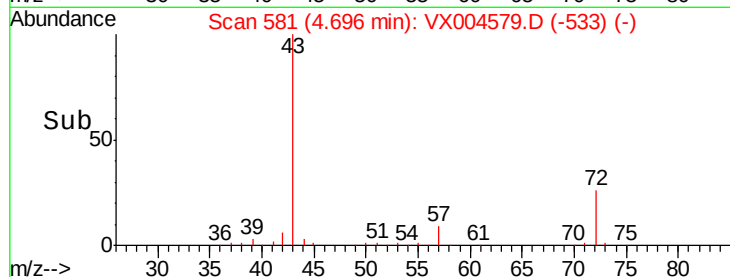
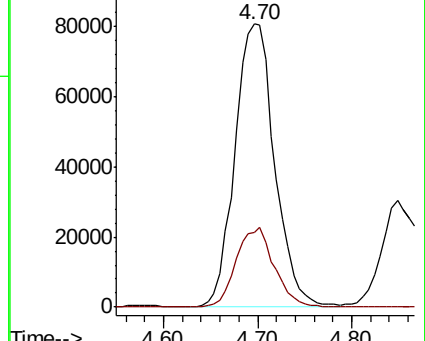
43 100

72 26.2 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: 20.10 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004579.D

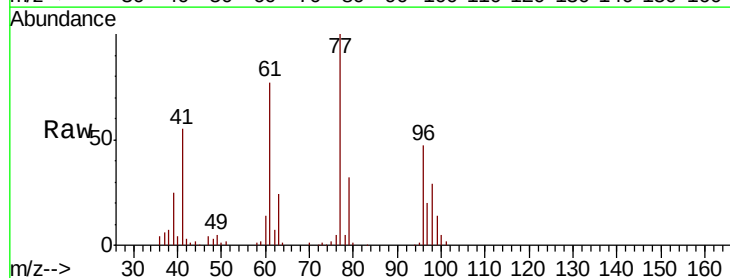
Acq: 15 Sep 2018 12:54

Tgt Ion: 77 Resp: 87839

Ion Ratio Lower Upper

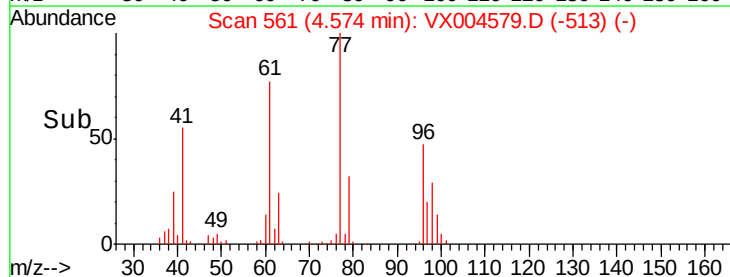
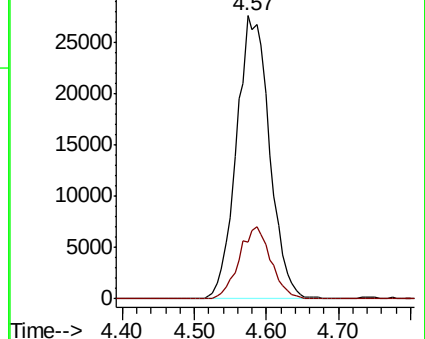
77 100

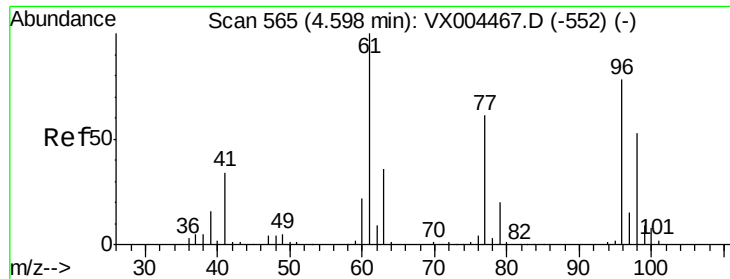
97 24.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



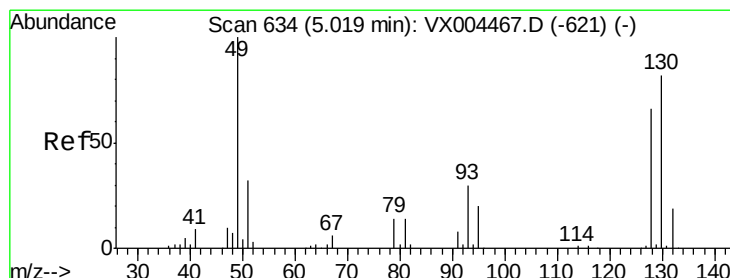
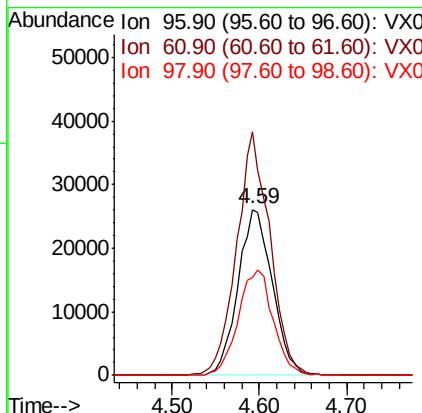
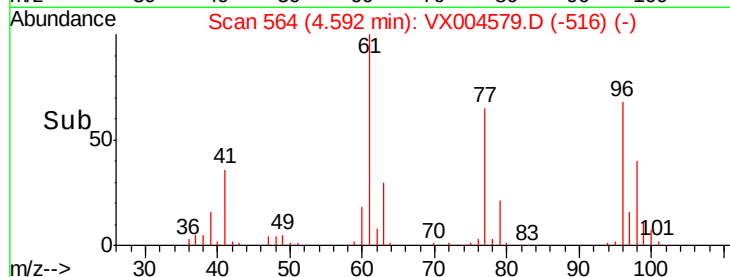
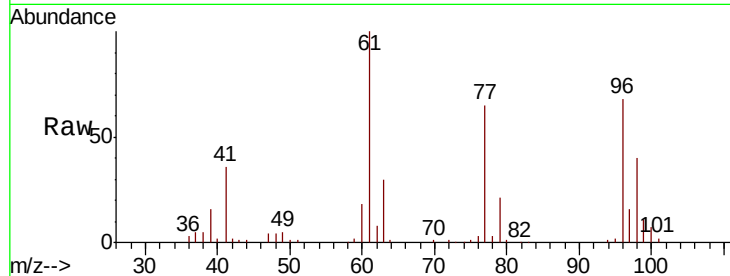


#27

cis-1,2-Dichloroethene
Concen: 18.96 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

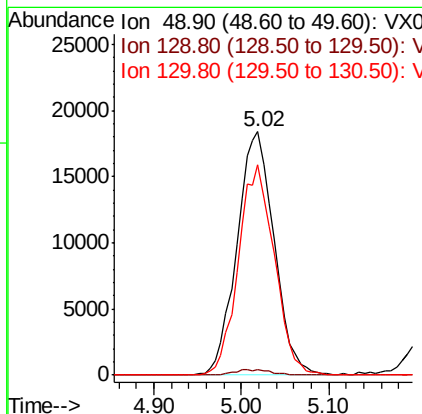
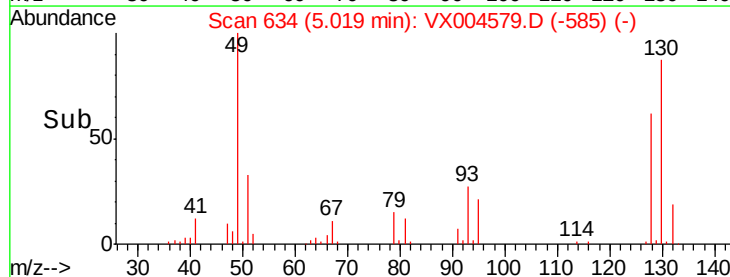
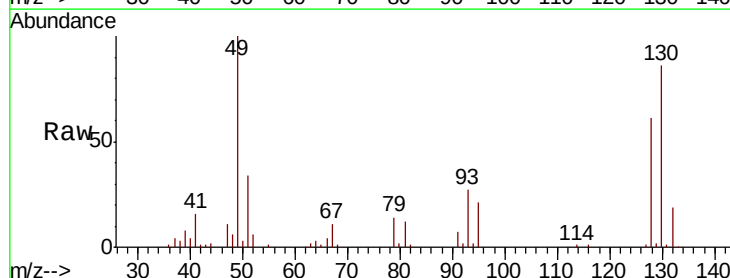
Tot Ion: 96 Resp: 71175
Ion Ratio Lower Upper
96 100
61 142.8 0.0 282.6
98 64.4 0.0 130.2

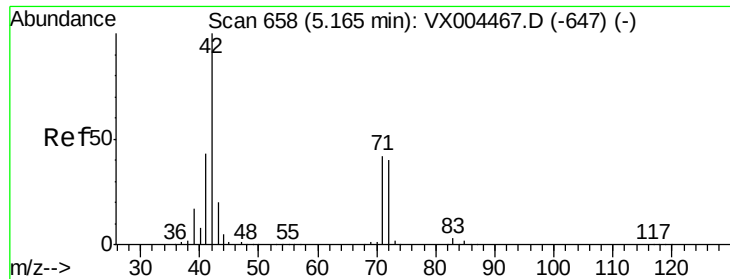


#28

Bromochloromethane
Concen: 18.69 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 49 Resp: 54389
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 83.6 67.5 101.3

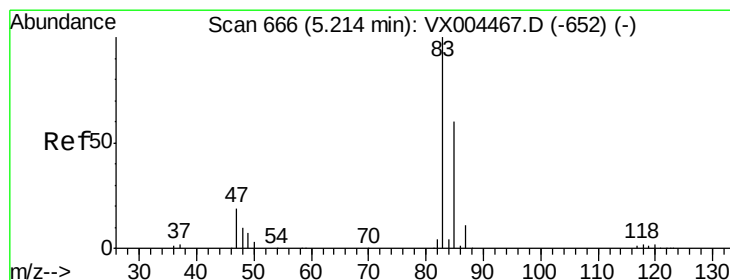
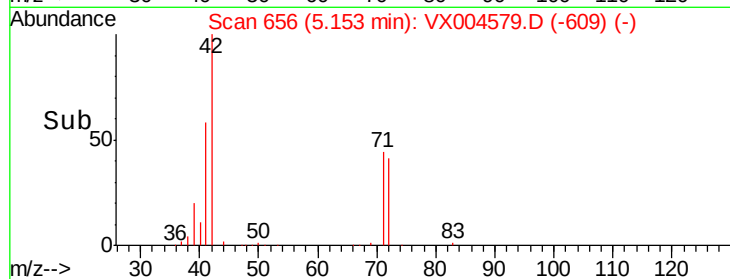
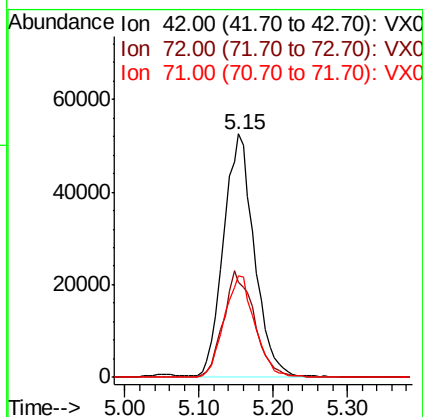
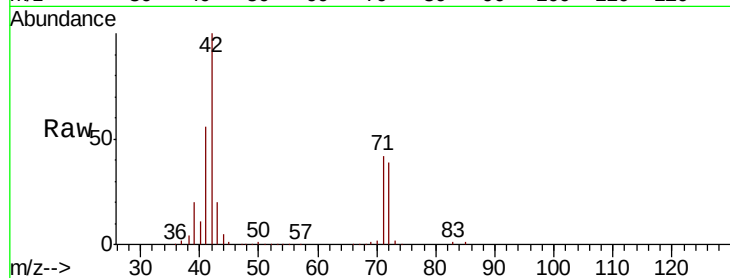




#29
Tetrahydrofuran
Concen: 85.88 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

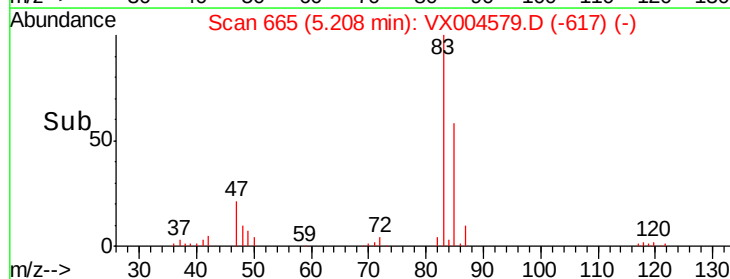
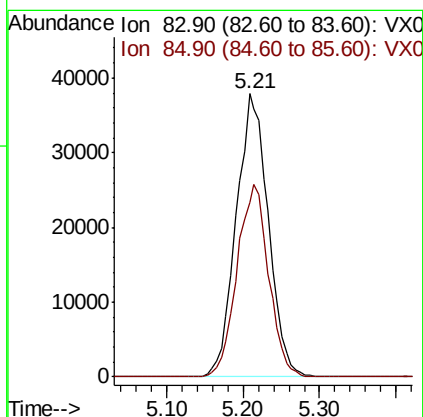
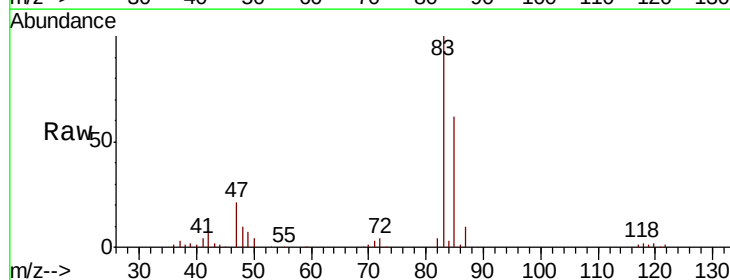
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

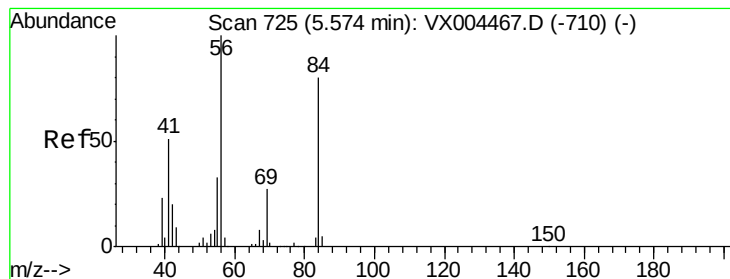
Tot Ion: 42 Resp: 151087
Ion Ratio Lower Upper
42 100
72 43.9 37.4 56.0
71 41.9 34.5 51.7



#30
Chloroform
Concen: 17.74 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 83 Resp: 110164
Ion Ratio Lower Upper
83 100
85 61.6 52.6 79.0





#31

Cyclohexane

Concen: 19.77 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

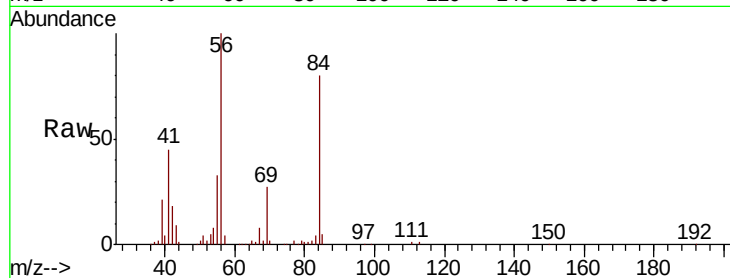
Tot Ion: 56 Resp: 107404

Ion Ratio Lower Upper

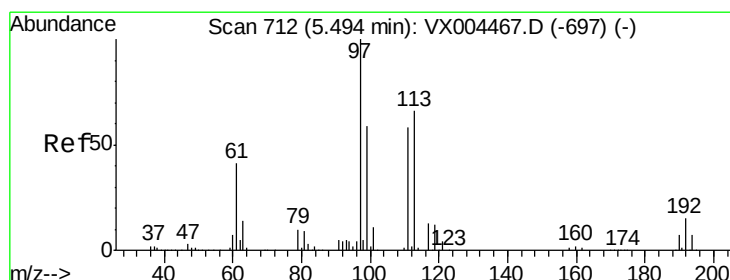
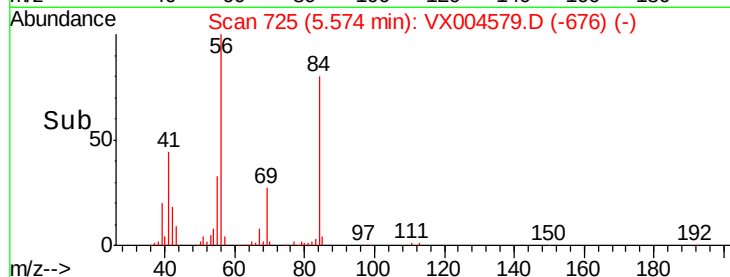
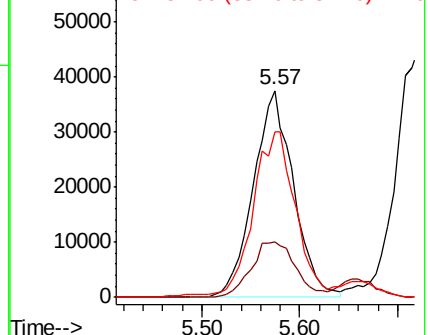
56 100

69 26.6 25.4 38.2

84 78.6 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 18.54 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

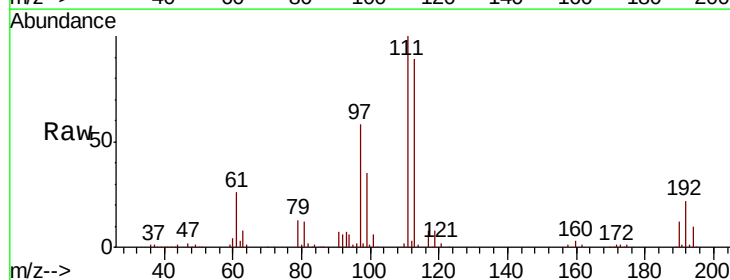
Tgt Ion: 97 Resp: 92767

Ion Ratio Lower Upper

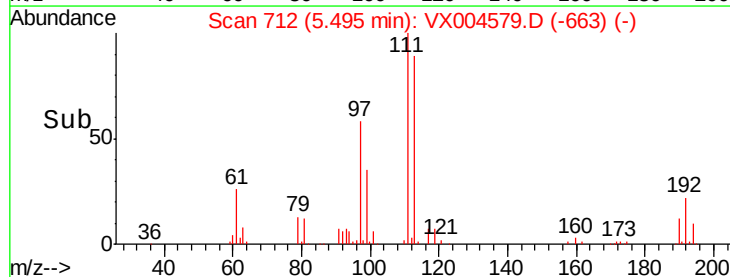
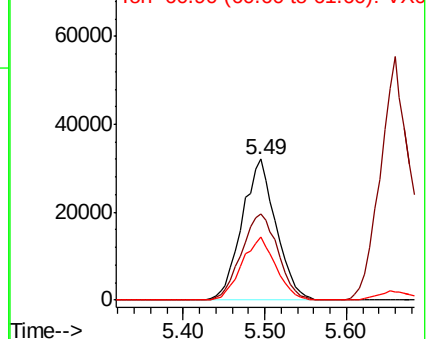
97 100

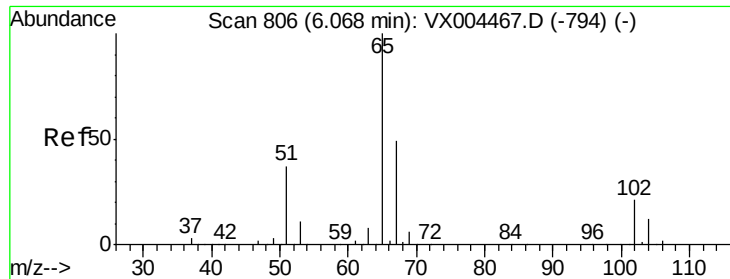
99 65.5 52.0 78.0

61 45.0 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

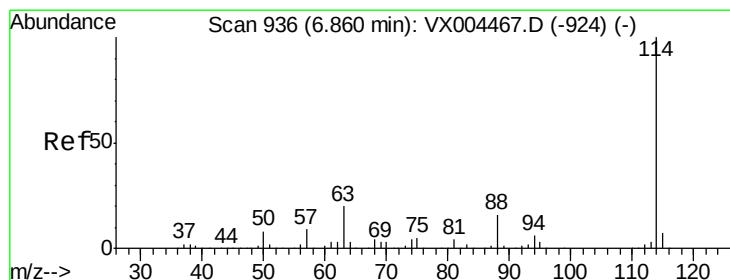
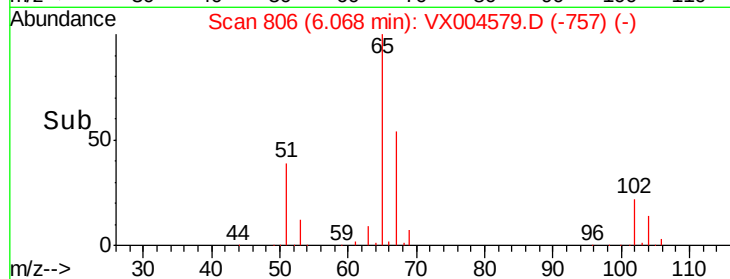
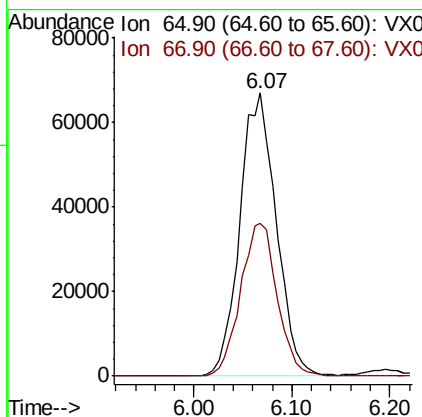
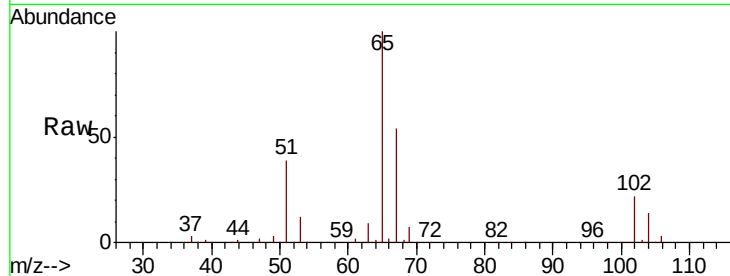




#33
 1,2-Dichloroethane-d4
 Concen: 46.03 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

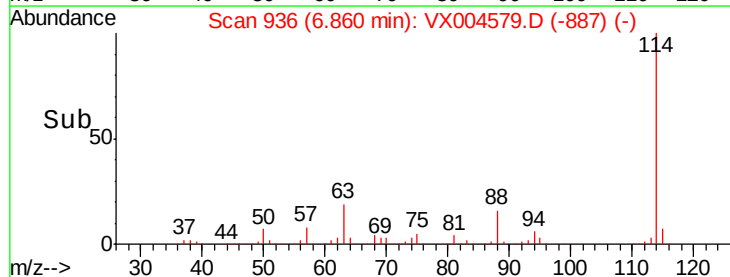
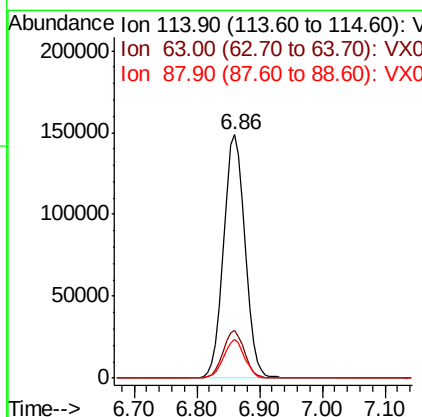
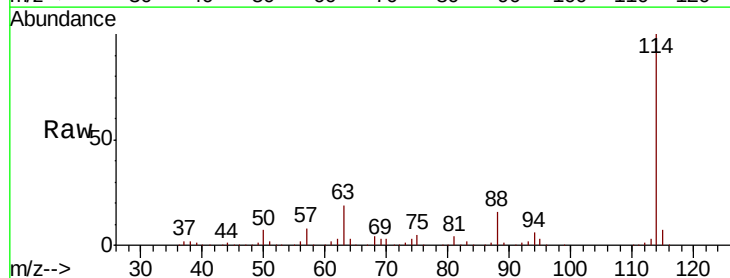
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

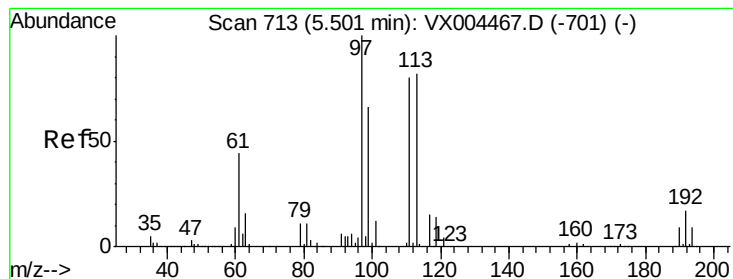
Tot Ion: 65 Resp: 172883
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion: 114 Resp: 353100
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.49 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

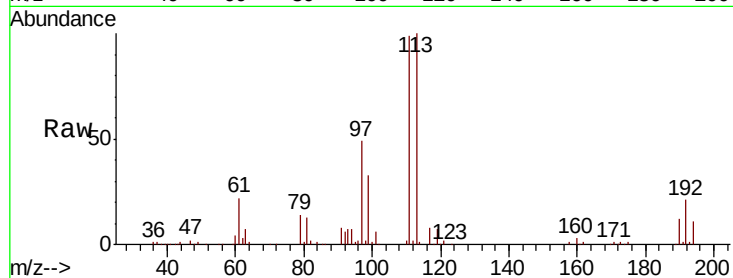
Tot Ion:113 Resp: 150221

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

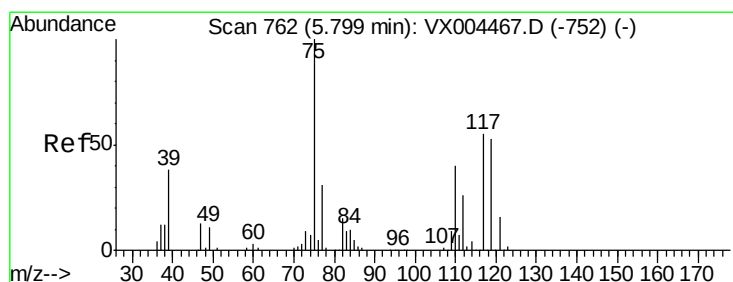
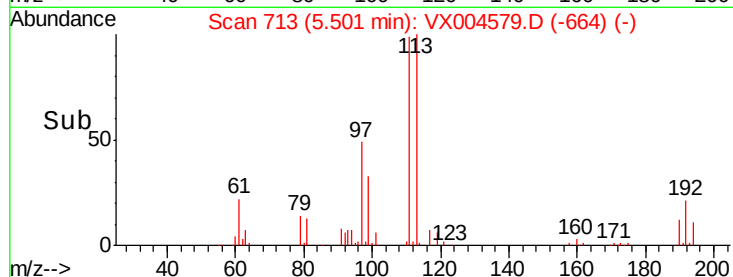
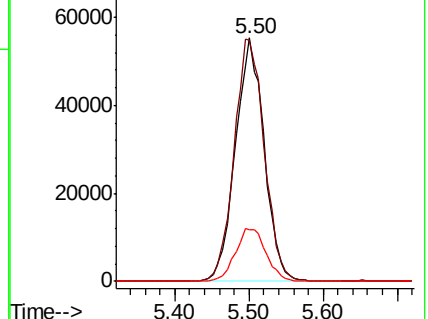
192 22.9 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.99 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

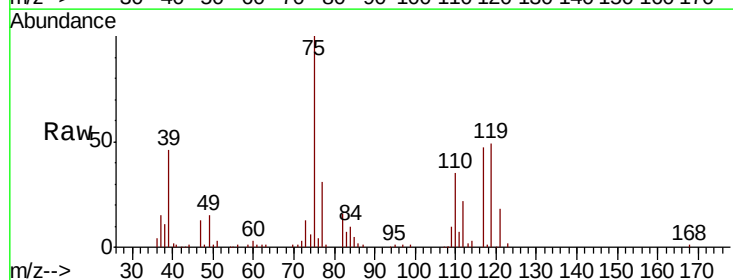
Tgt Ion: 75 Resp: 85699

Ion Ratio Lower Upper

75 100

110 37.7 18.0 54.0

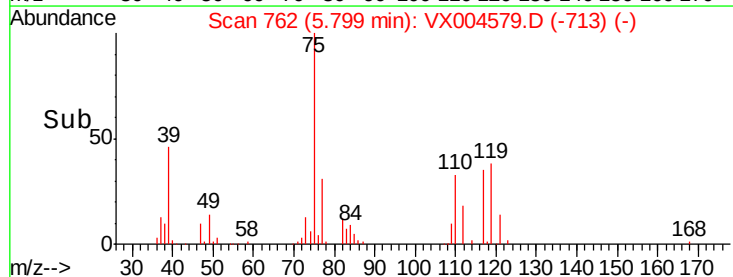
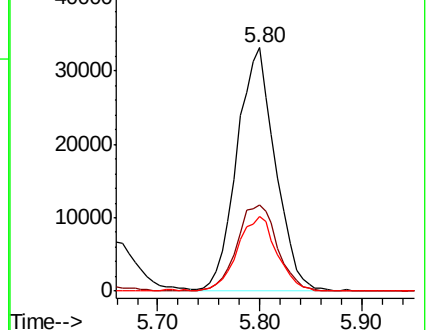
77 31.8 24.6 36.8

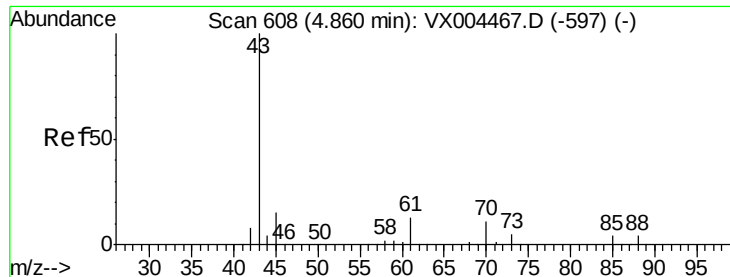


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.24 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampled :

VX0915WBS01

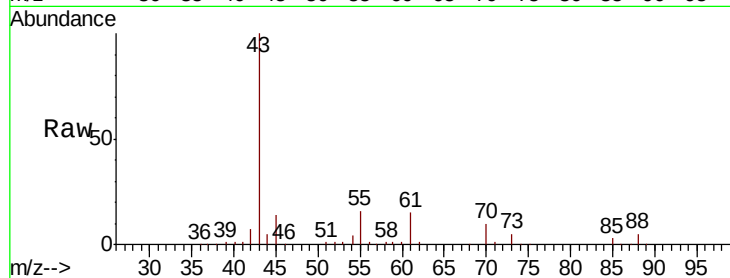
Tot Ion: 43 Resp: 88942

Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

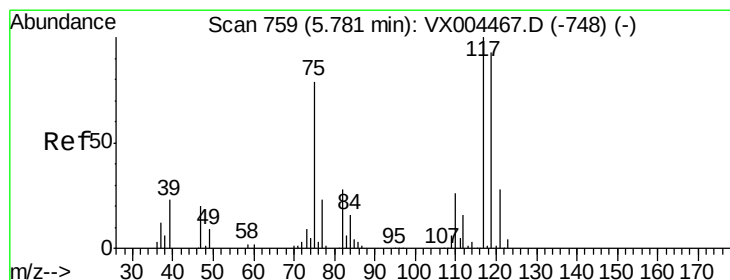
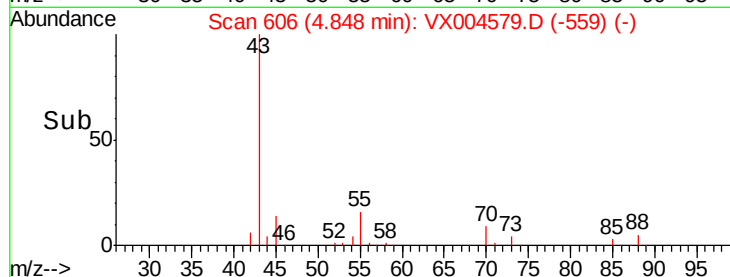
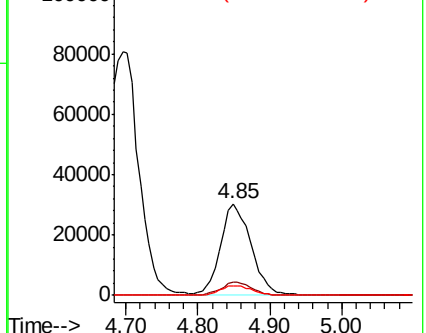
70 10.9 9.0 13.6



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: 19.46 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

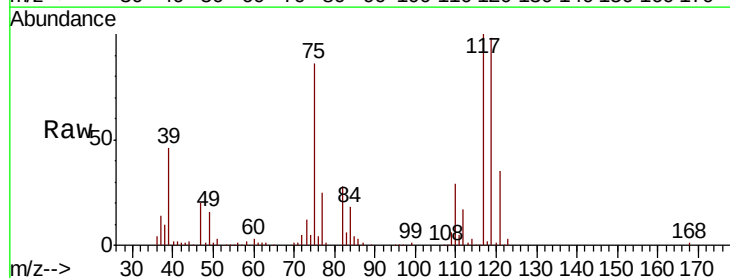
Tgt Ion: 117 Resp: 81465

Ion Ratio Lower Upper

117 100

119 97.7 78.8 118.2

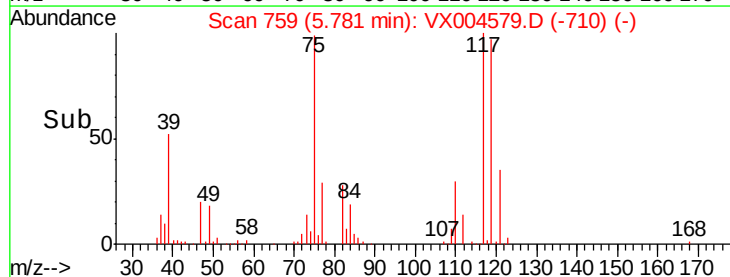
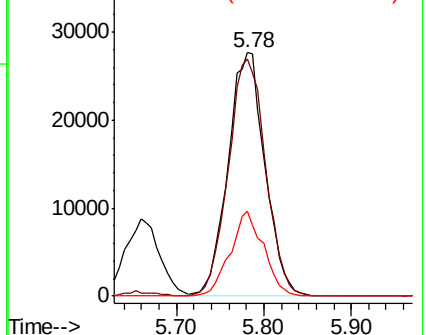
121 35.0 24.9 37.3

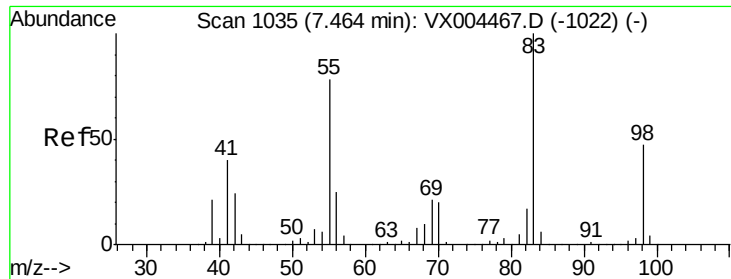


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

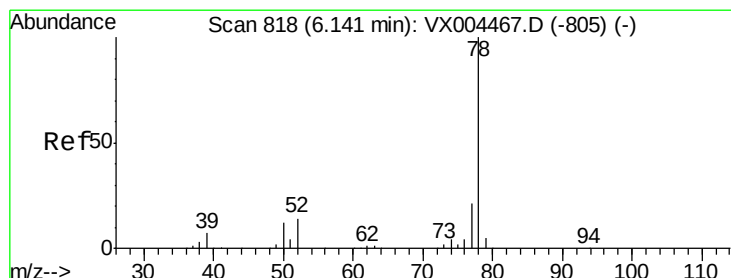
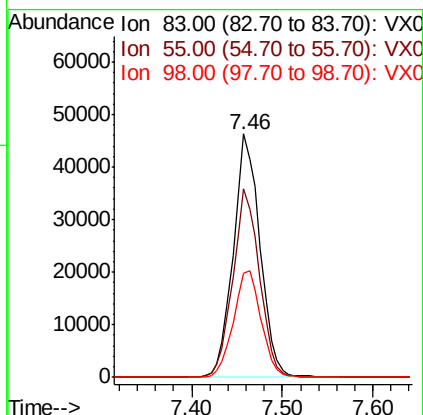
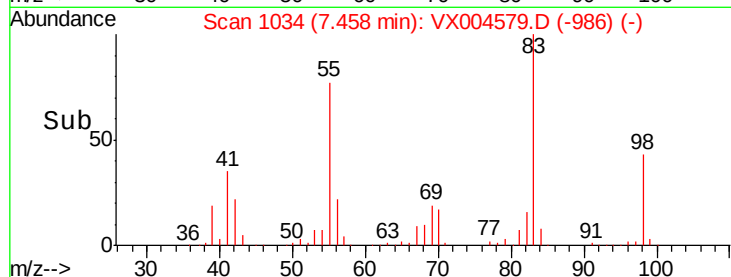
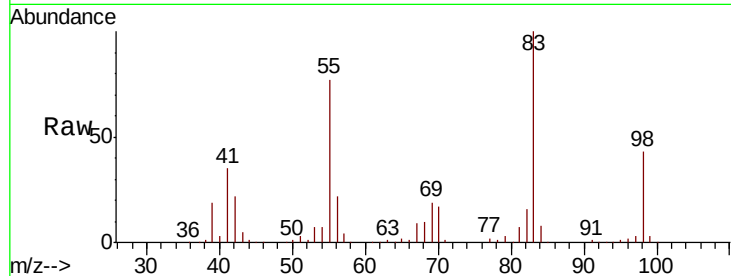




#39
Methylvlcyclohexane
Concen: 21.19 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

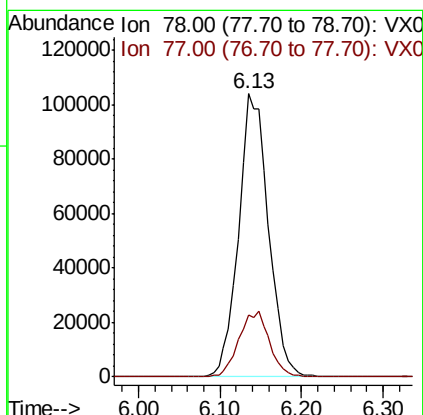
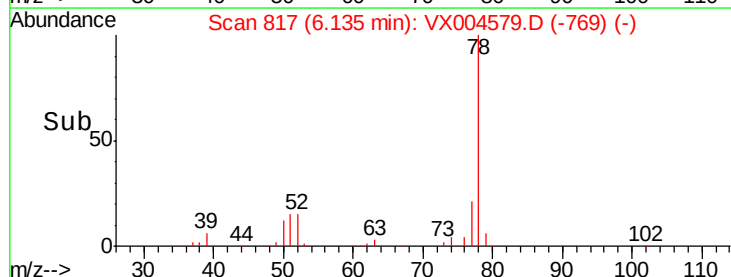
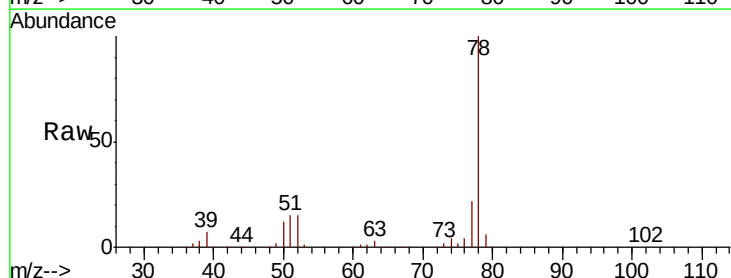
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

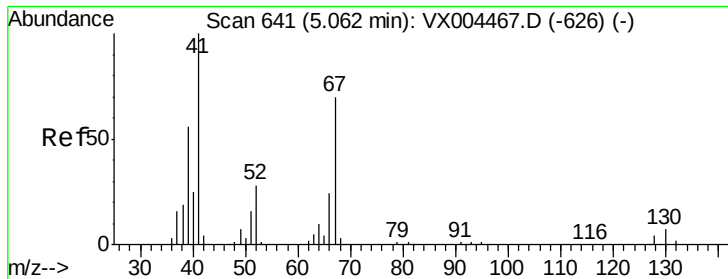
Tot Ion: 83 Resp: 94799
Ion Ratio Lower Upper
83 100
55 77.5 61.0 91.4
98 42.8 39.6 59.4



#40
Benzene
Concen: 20.72 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 78 Resp: 263510
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4





#41

Methacrylonitrile

Concen: 18.61 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

Tot Ion: 41 Resp: 49981

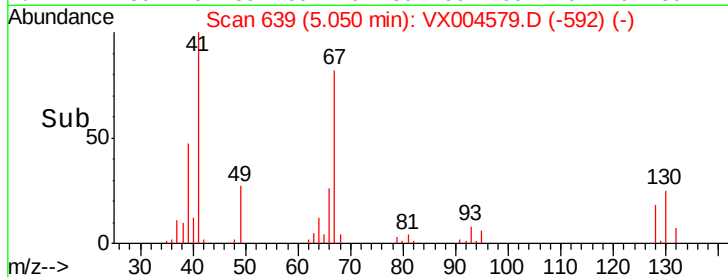
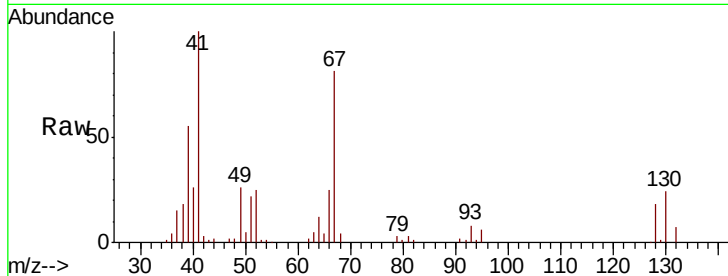
Ion Ratio Lower Upper

41 100

39 53.0 42.4 63.6

67 75.1 59.2 88.8

52 28.6 23.0 34.4

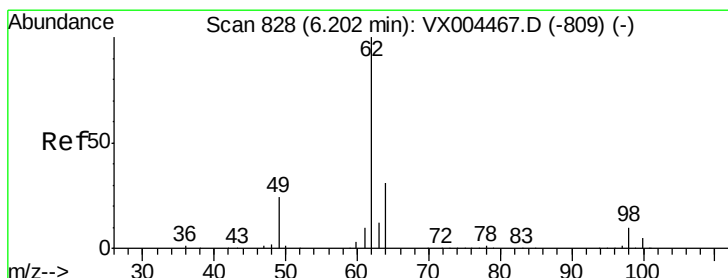
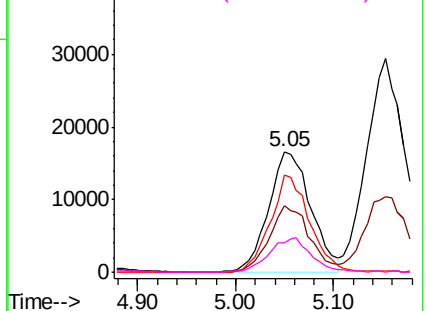


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.73 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004579.D

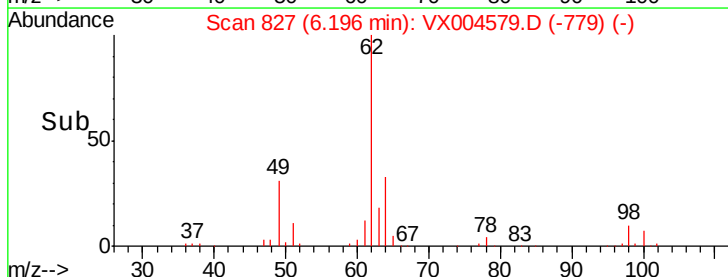
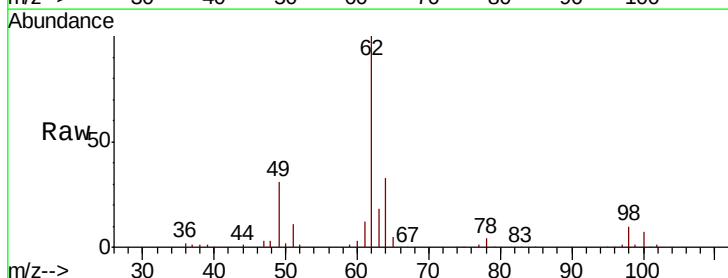
Acq: 15 Sep 2018 12:54

Tgt Ion: 62 Resp: 87438

Ion Ratio Lower Upper

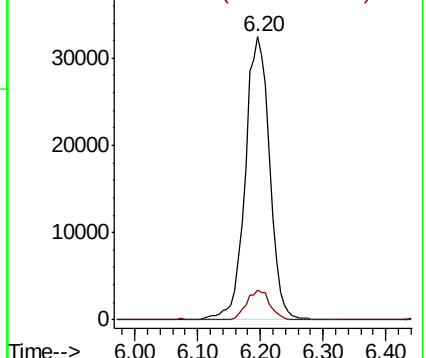
62 100

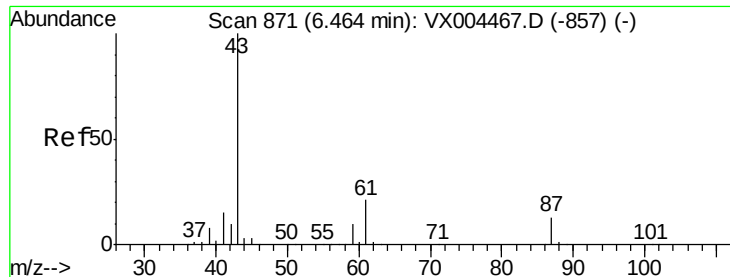
98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.77 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

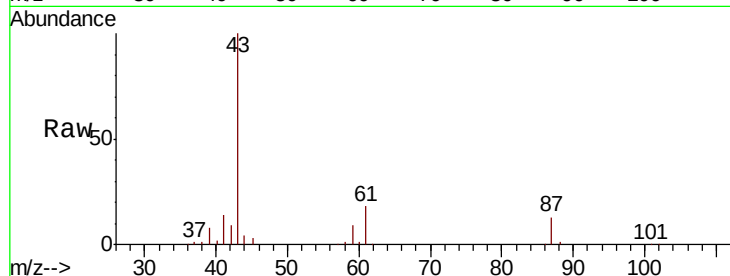
Tot Ion: 43 Resp: 134492

Ion Ratio Lower Upper

43 100

61 19.9 17.0 25.4

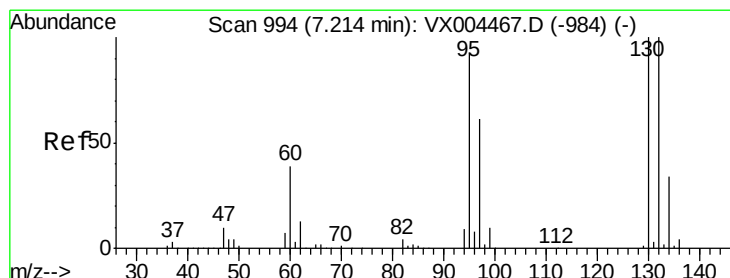
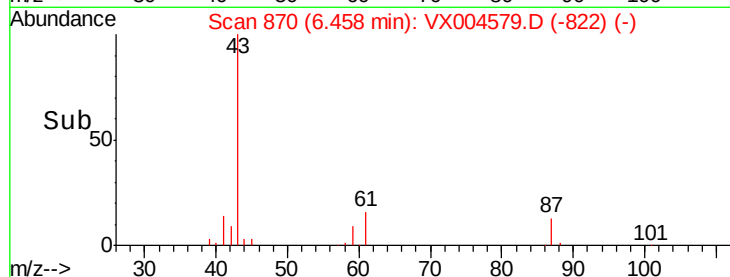
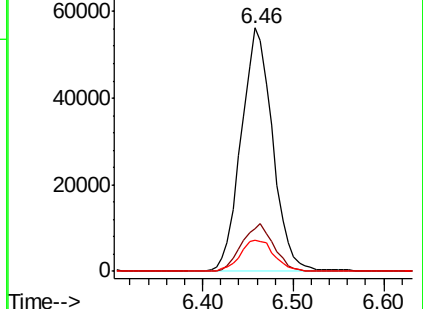
87 13.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.73 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004579.D

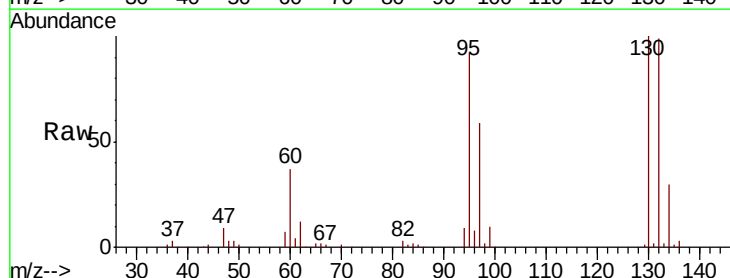
Acq: 15 Sep 2018 12:54

Tgt Ion:130 Resp: 65191

Ion Ratio Lower Upper

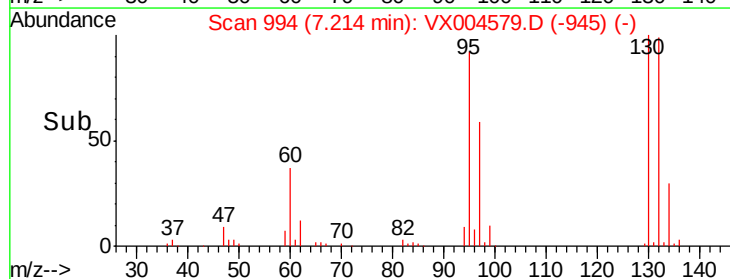
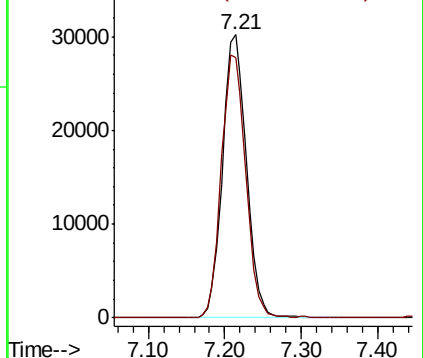
130 100

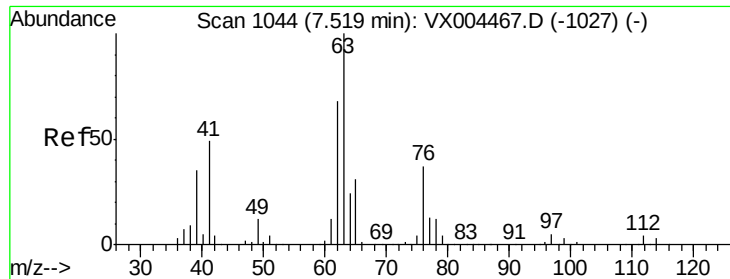
95 92.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

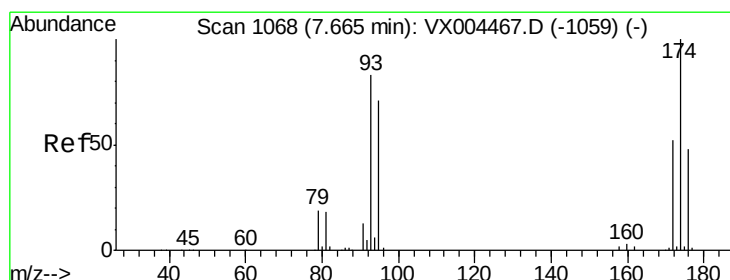
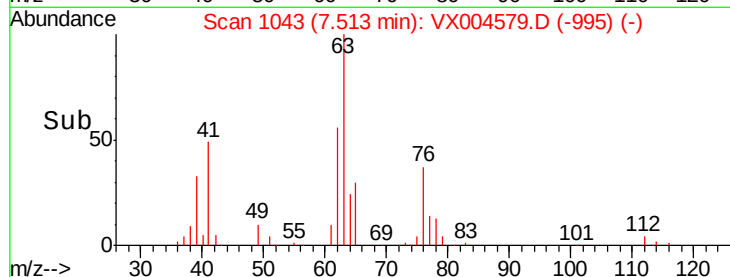
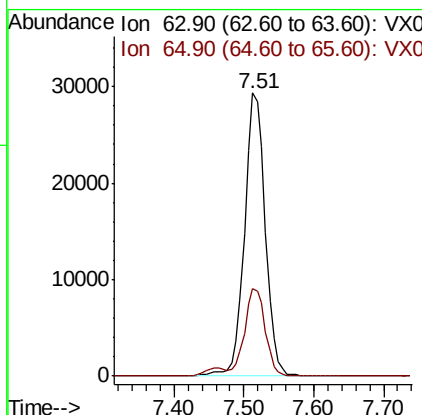
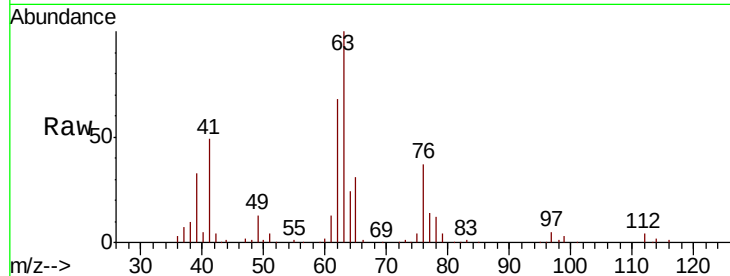




#45
 1,2-Dichloropropane
 Concen: 19.74 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

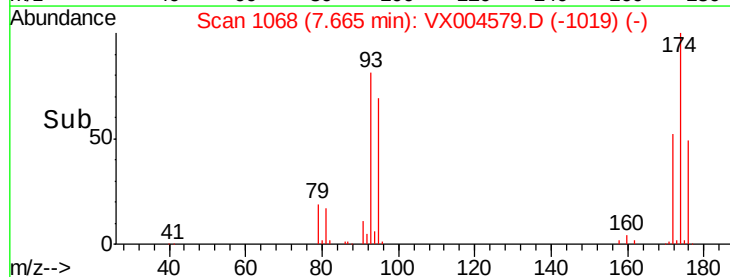
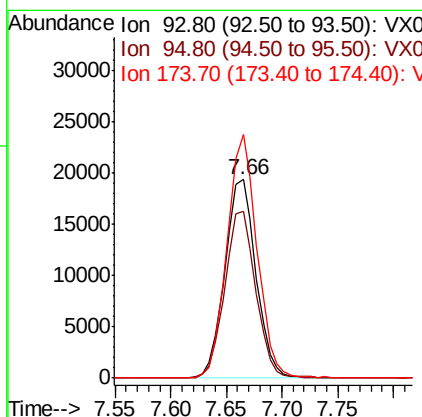
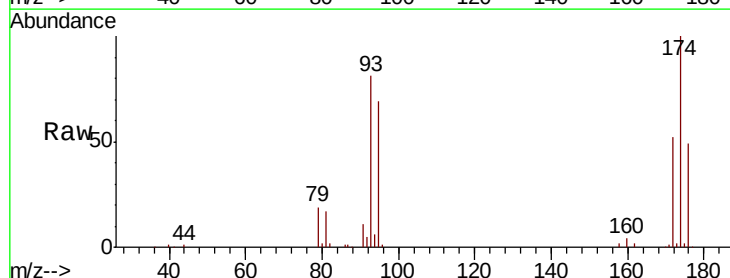
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

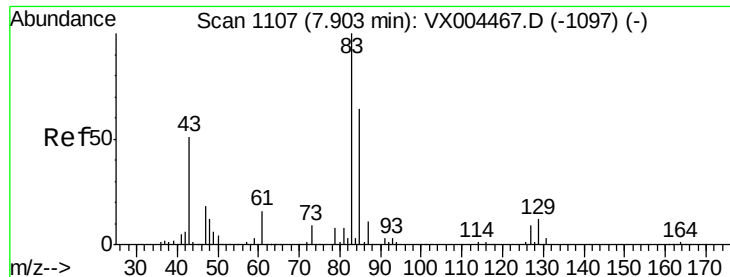
Tot Ion: 63 Resp: 60401
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 19.39 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion: 93 Resp: 37487
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 118.3 94.2 141.4





#47

Bromodichloromethane

Concen: 20.13 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

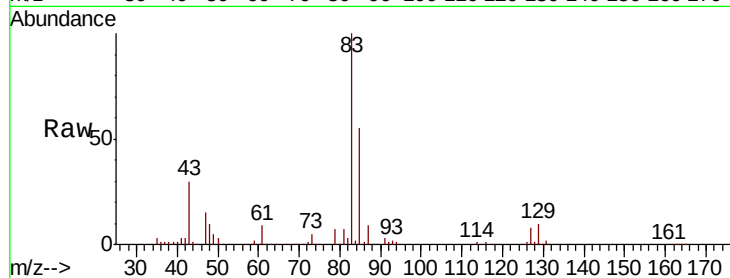
Tot Ion: 83 Resp: 73611

Ion Ratio Lower Upper

83 100

85 54.5 50.9 76.3

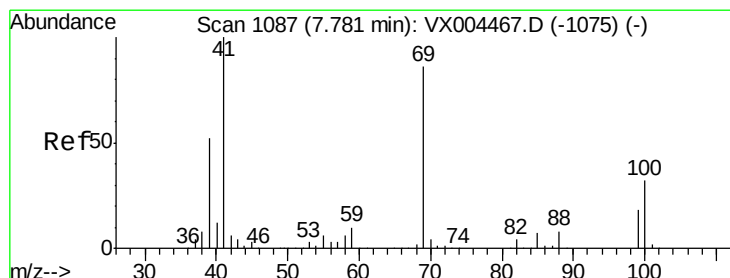
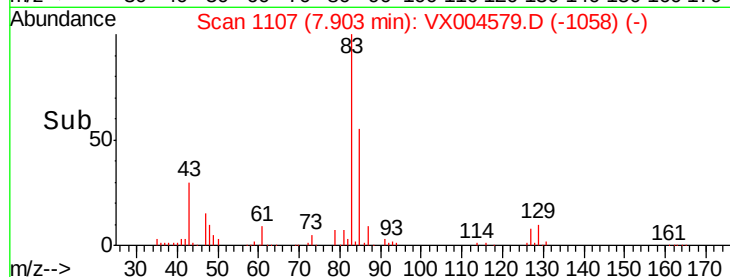
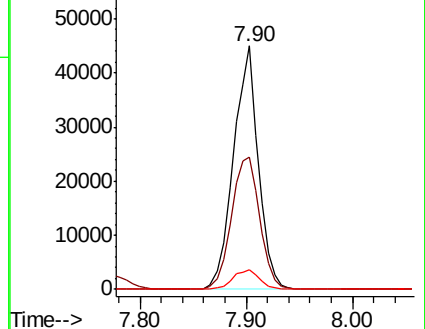
127 7.9 7.3 10.9



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: 18.87 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

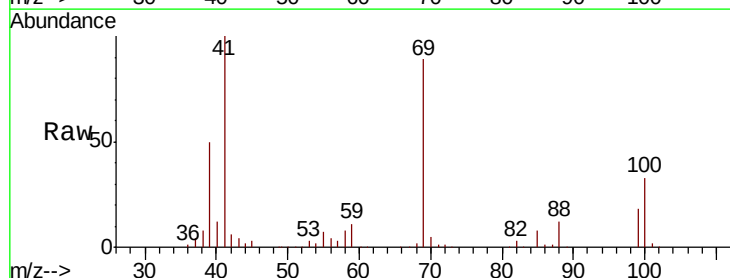
Tgt Ion: 41 Resp: 60468

Ion Ratio Lower Upper

41 100

69 89.1 70.2 105.4

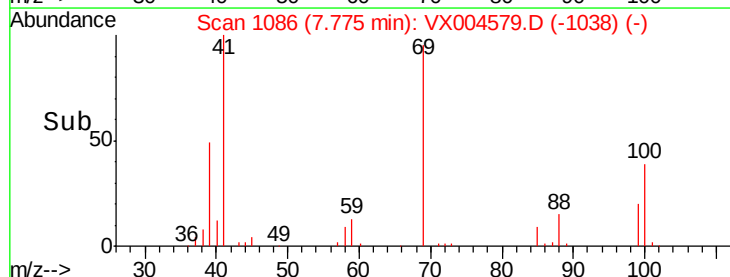
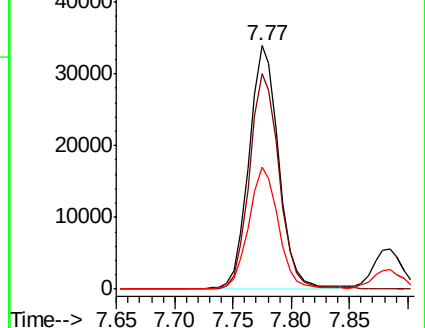
39 50.4 42.7 64.1

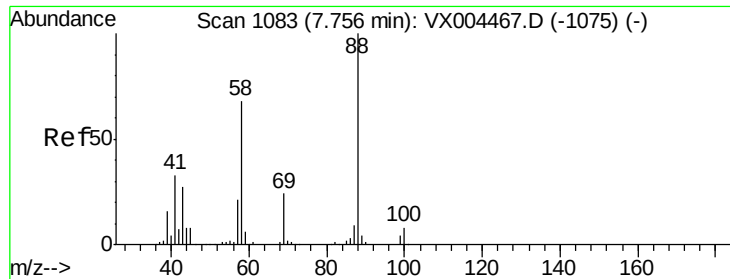


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

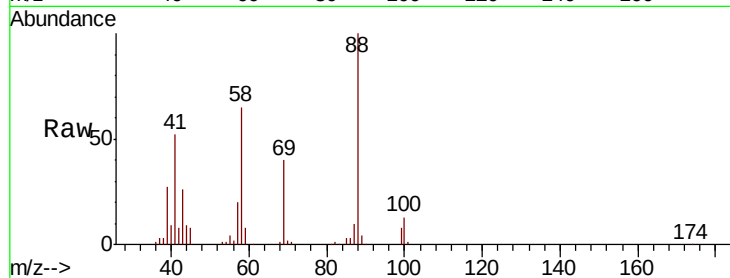




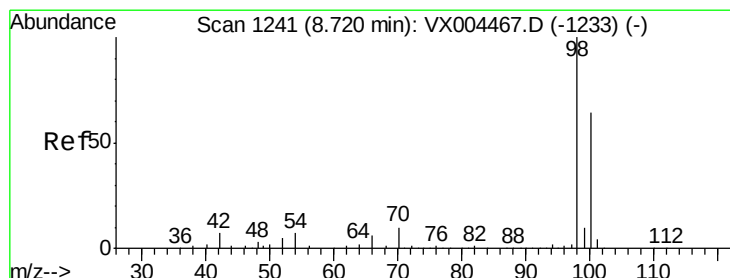
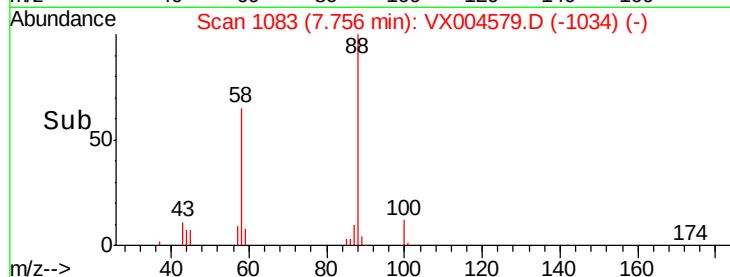
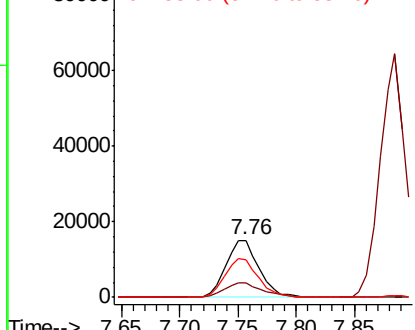
#49
1,4-Dioxane
Concen: 389.88 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

Tot Ion: 88 Resp: 29573
Ion Ratio Lower Upper
88 100
43 29.8 24.7 37.1
58 69.9 55.3 82.9

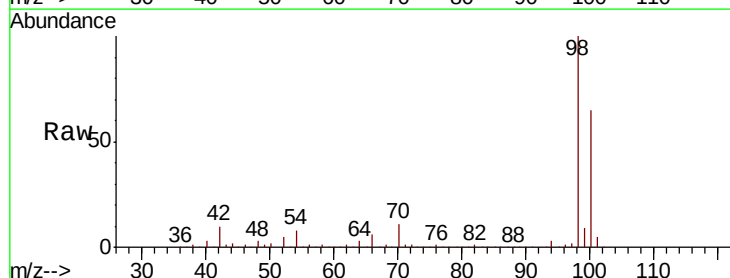


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

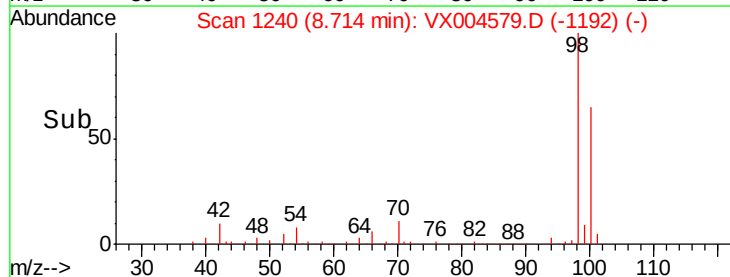
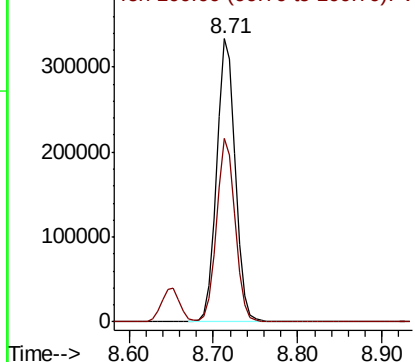


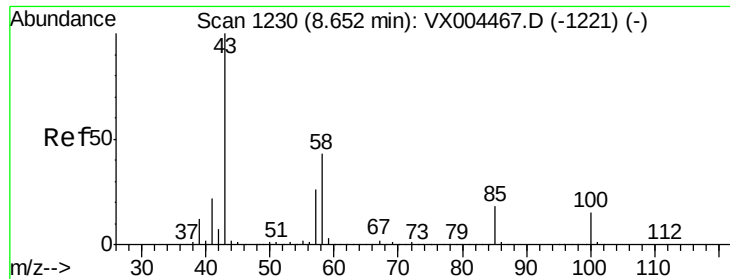
#50
Toluene-d8
Concen: 47.29 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 98 Resp: 512384
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 85.99 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampled :

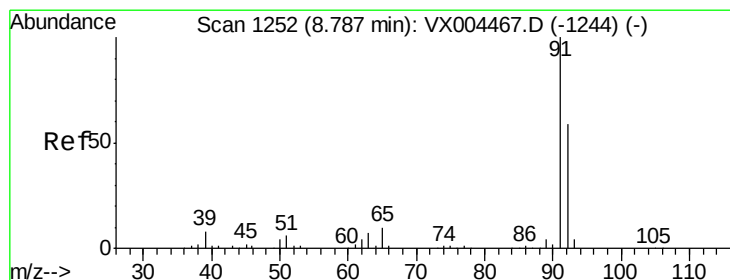
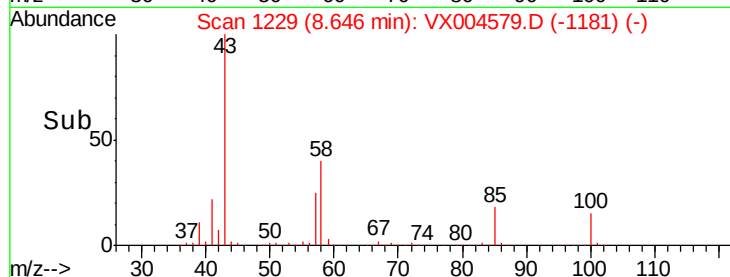
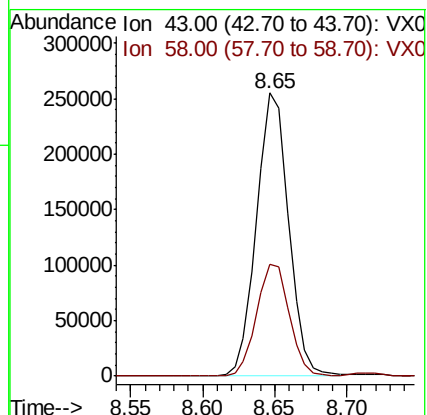
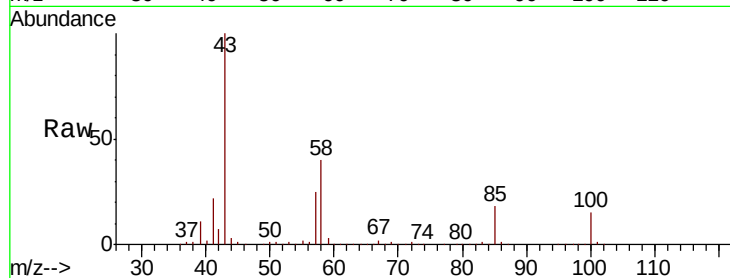
VX0915WBS01

Tot Ion: 43 Resp: 392950

Ion Ratio Lower Upper

43 100

58 40.3 33.1 49.7



#52

Toluene

Concen: 19.37 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004579.D

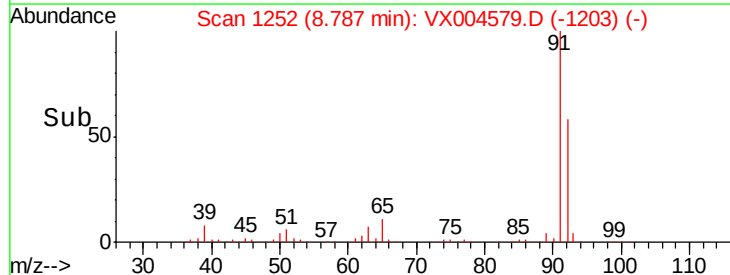
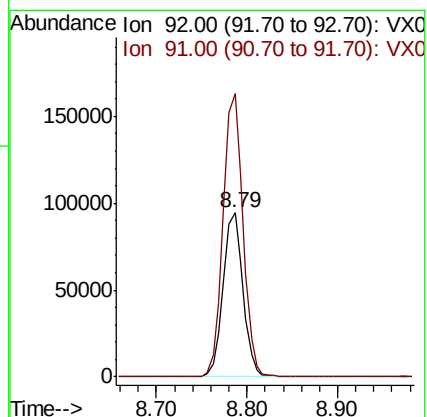
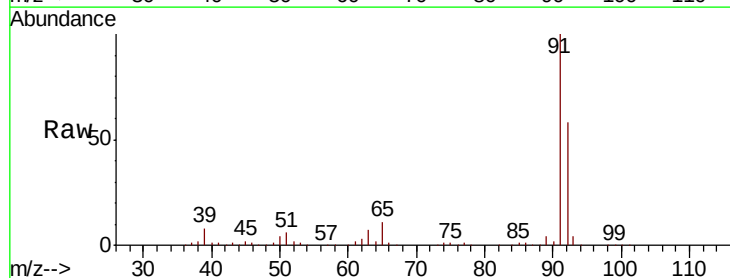
Acq: 15 Sep 2018 12:54

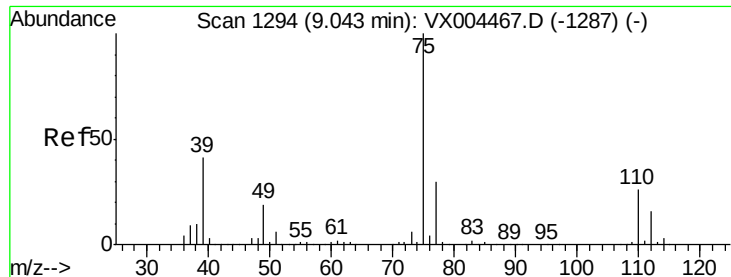
Tgt Ion: 92 Resp: 145128

Ion Ratio Lower Upper

92 100

91 173.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.45 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

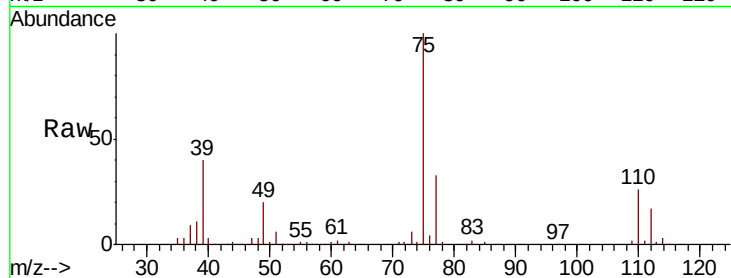
VX0915WBS01

Tot Ion: 75 Resp: 78807

Ion Ratio Lower Upper

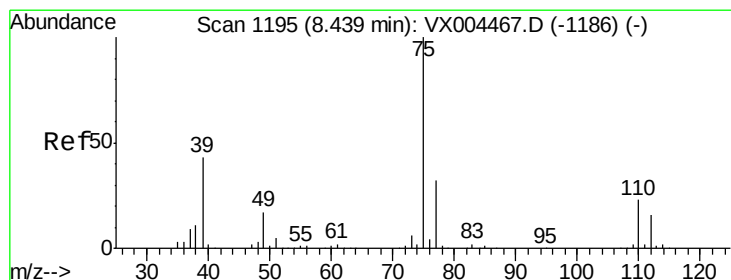
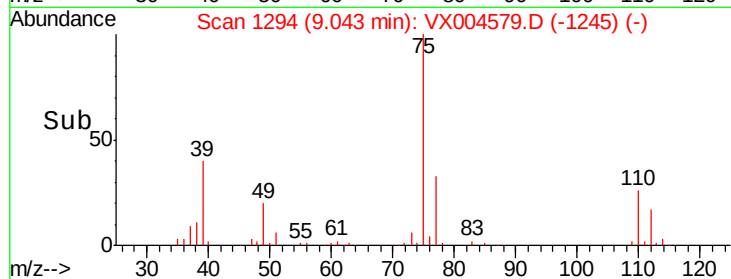
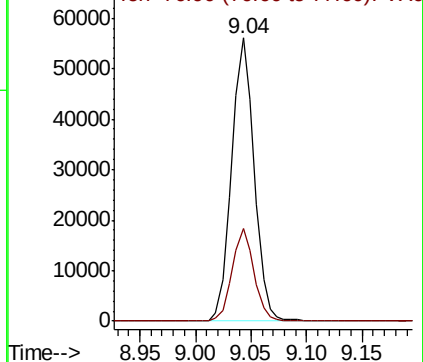
75 100

77 32.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.41 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

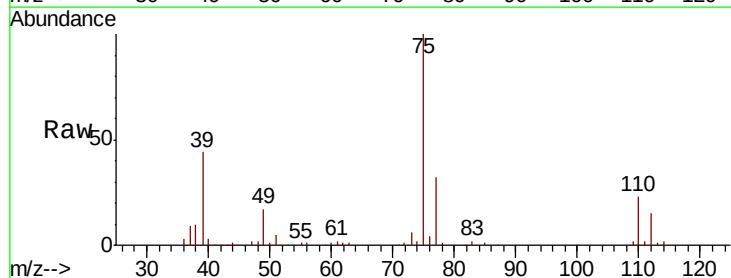
Tgt Ion: 75 Resp: 88888

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

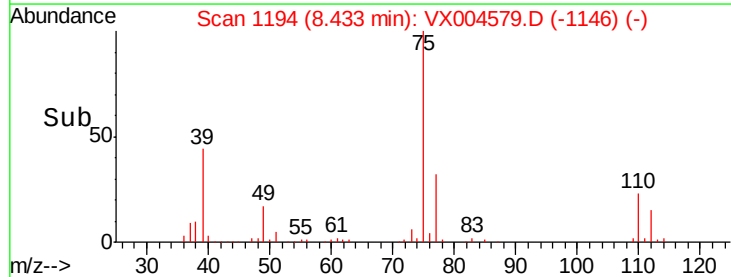
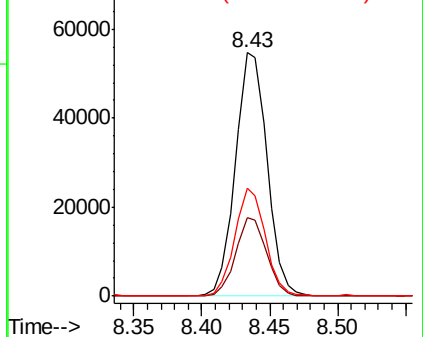
39 44.4 36.4 54.6

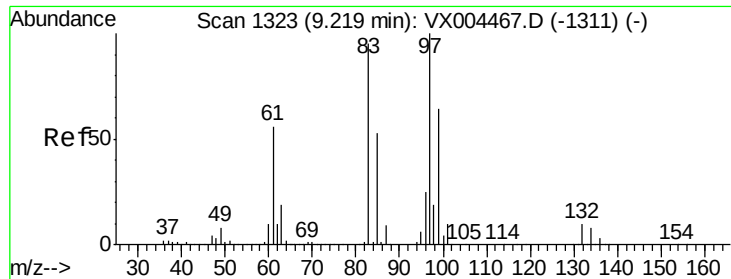


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 18.19 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

Tot Ion: 97 Resp: 58707

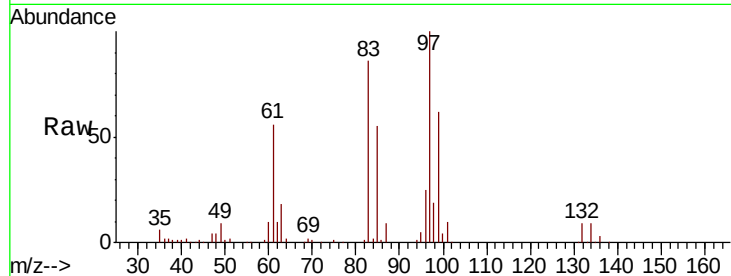
Ion Ratio Lower Upper

97 100

83 86.3 66.4 99.6

85 54.9 43.3 64.9

99 61.9 49.0 73.4

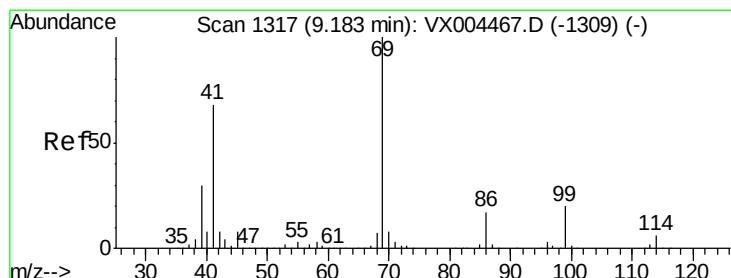
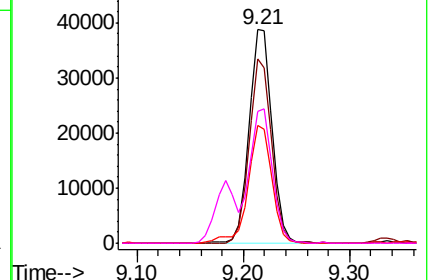
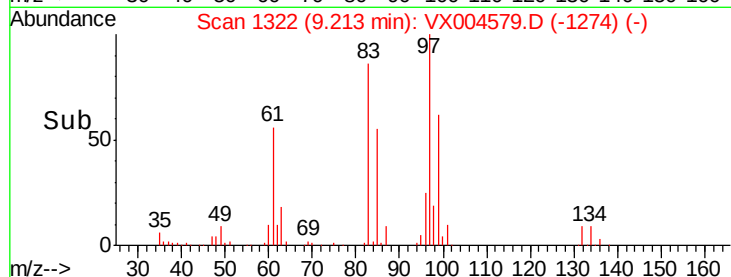


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.27 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

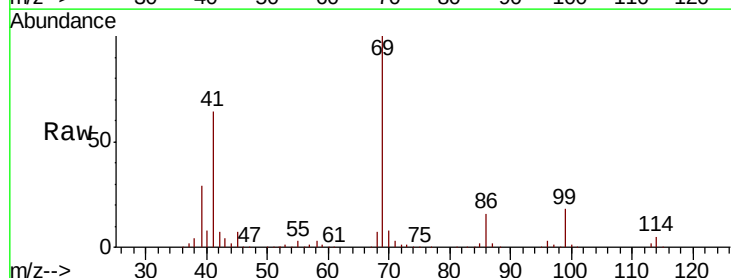
Tgt Ion: 69 Resp: 83381

Ion Ratio Lower Upper

69 100

41 63.0 51.0 76.4

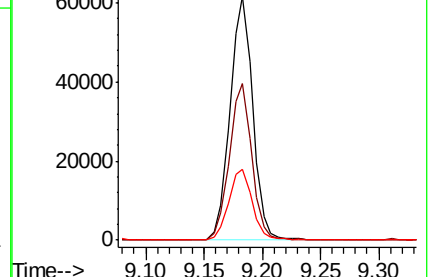
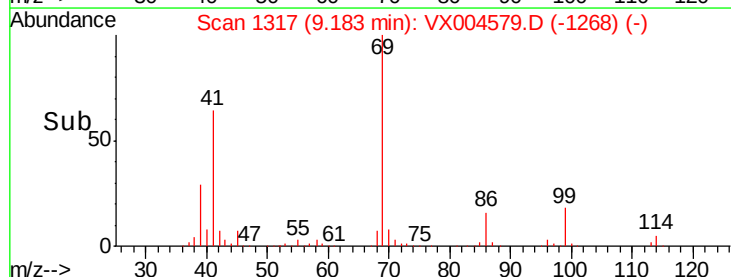
39 29.8 26.1 39.1

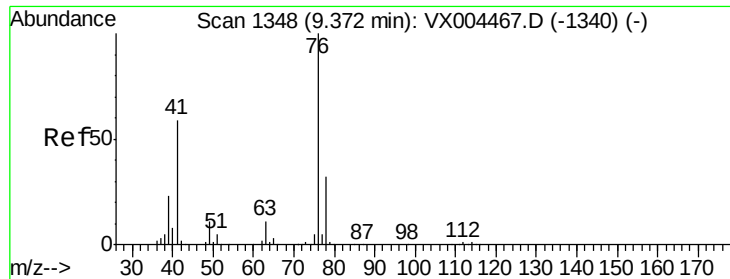


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

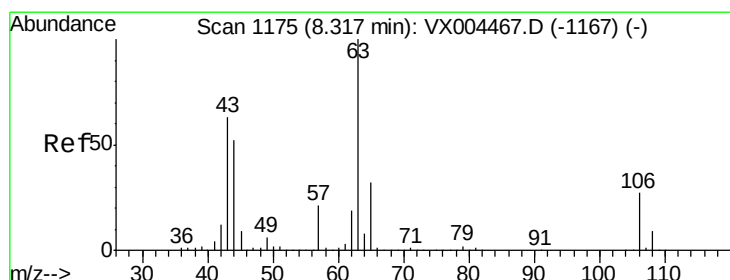
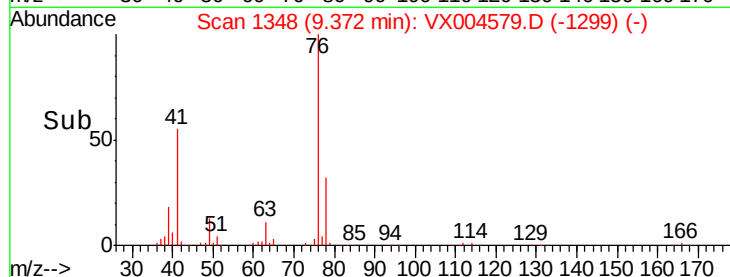
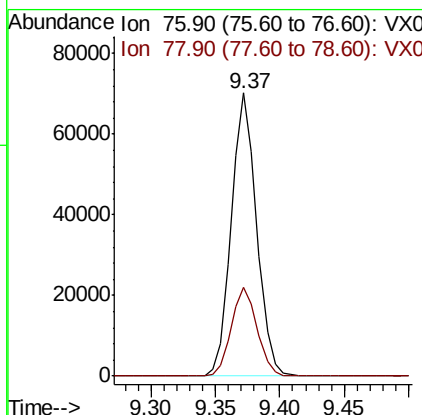
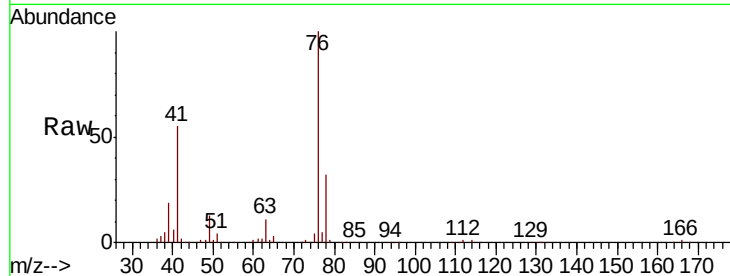




#57
 1,3-Dichloropropane
 Concen: 18.41 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

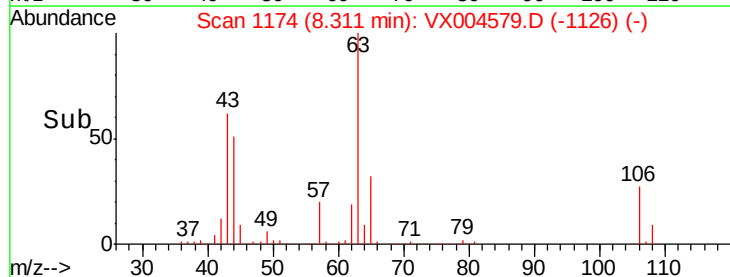
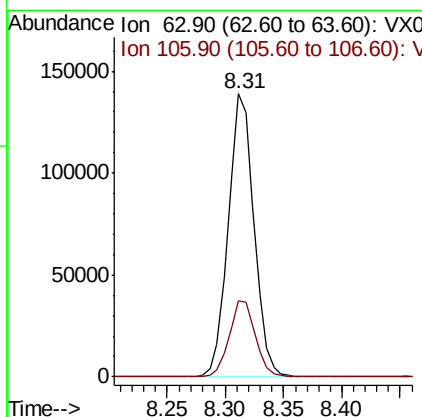
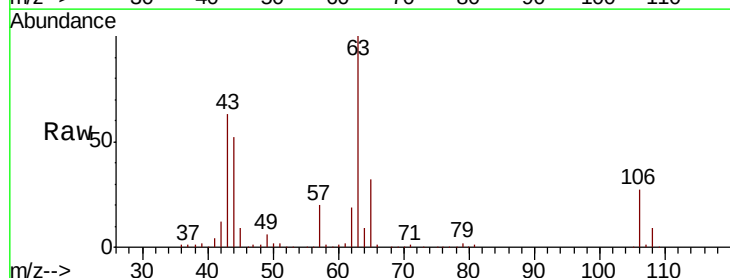
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

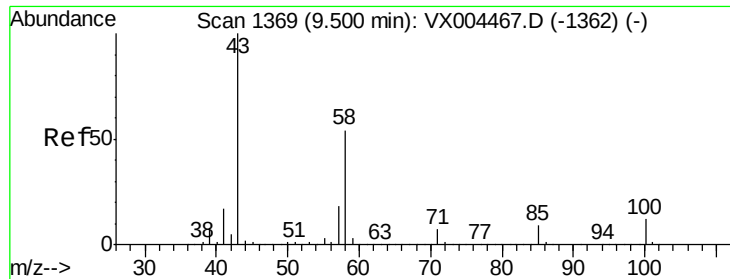
Tot Ion: 76 Resp: 96529
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.64 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion: 63 Resp: 214078
 Ion Ratio Lower Upper
 63 100
 106 27.4 23.9 35.9

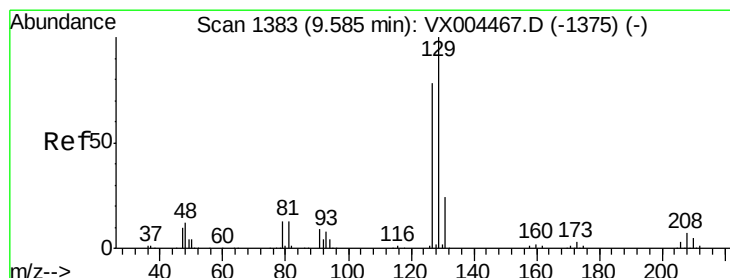
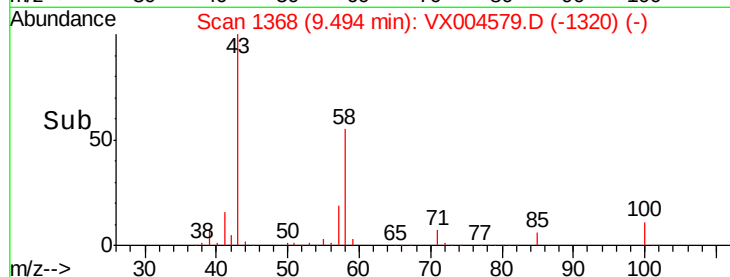
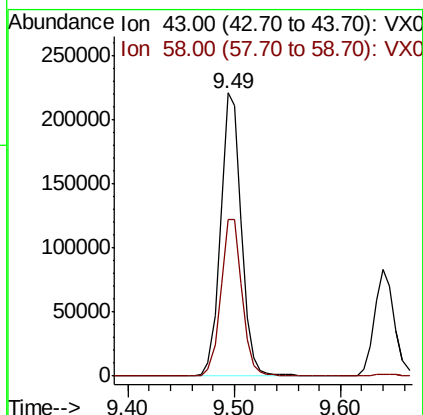
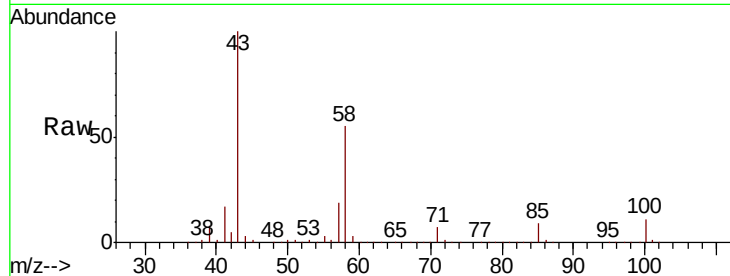




#59
2-Hexanone
Concen: 85.84 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

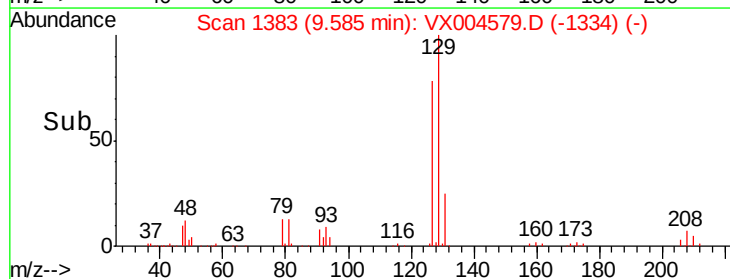
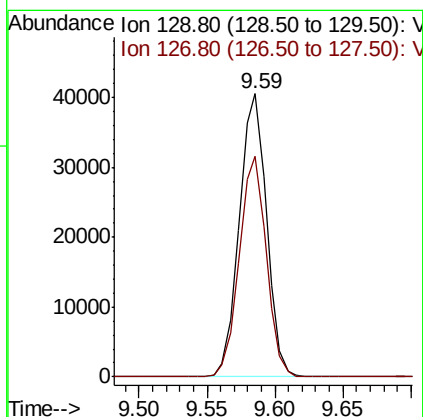
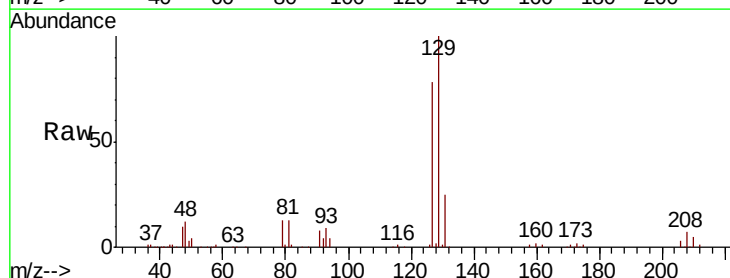
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

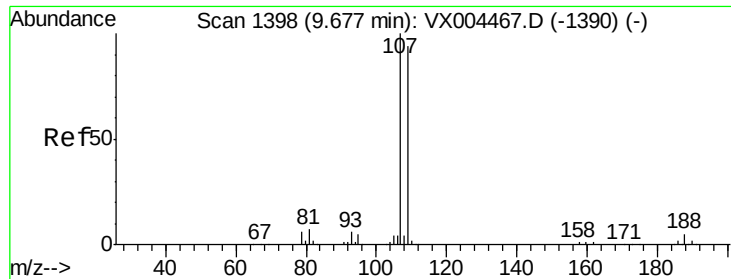
Tot Ion: 43 Resp: 300899
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.0



#60
Dibromochloromethane
Concen: 18.67 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 129 Resp: 56709
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.25 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

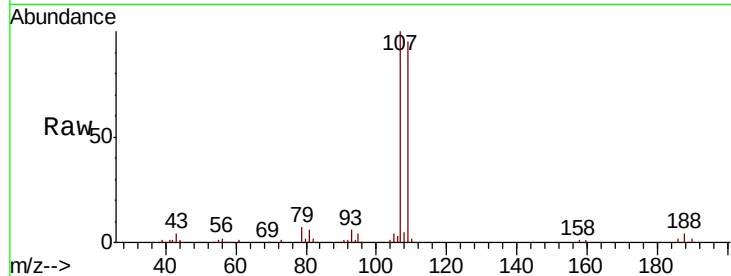
VX0915WBS01

Tot Ion:107 Resp: 59348

Ion Ratio Lower Upper

107 100

109 95.3 76.0 114.0

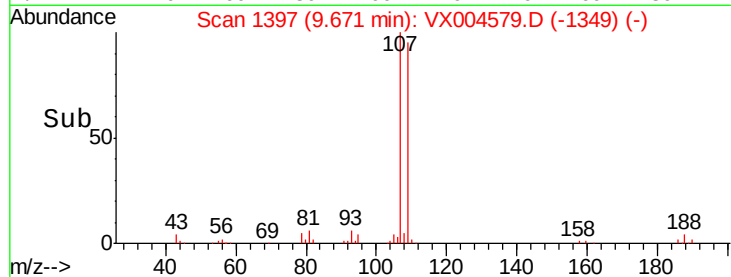


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



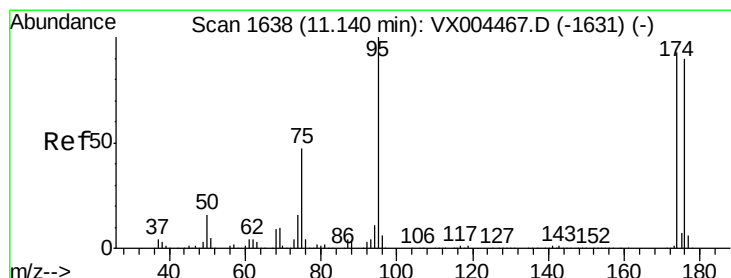
Abundance

Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 48.28 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

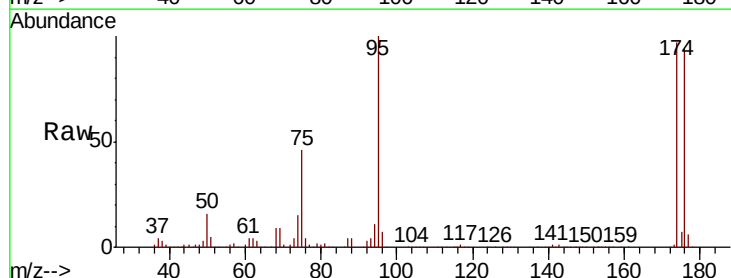
Tgt Ion: 95 Resp: 186751

Ion Ratio Lower Upper

95 100

174 92.7 0.0 185.2

176 89.9 0.0 178.6



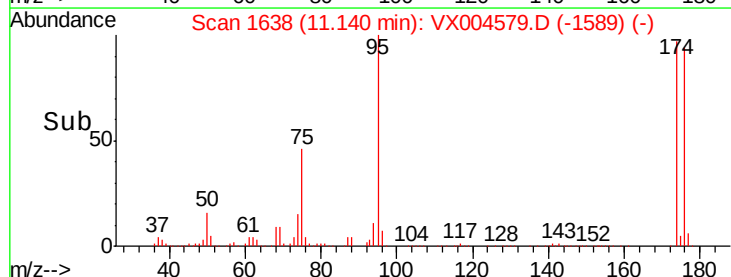
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->



Abundance

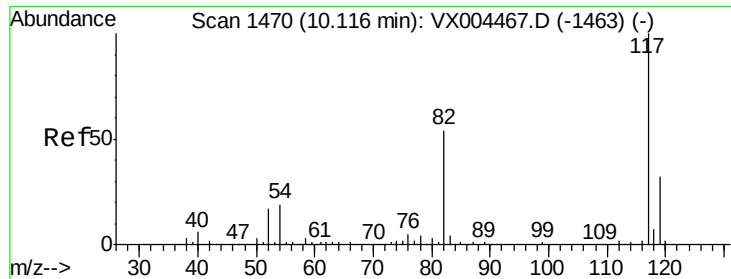
Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

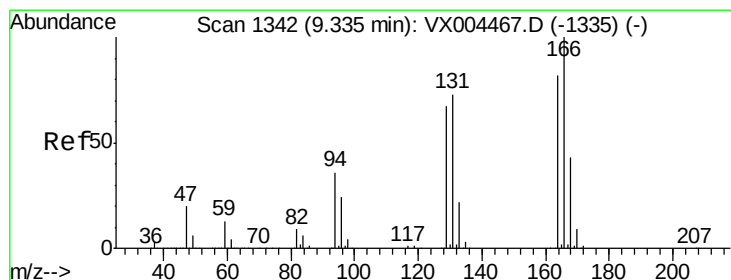
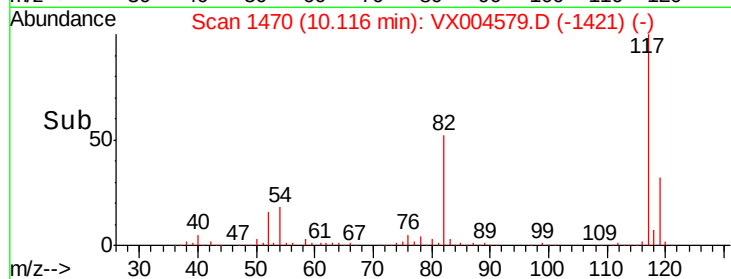
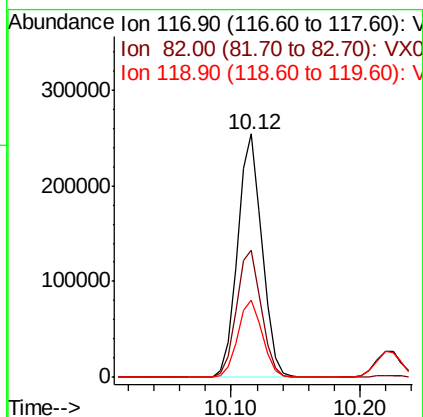
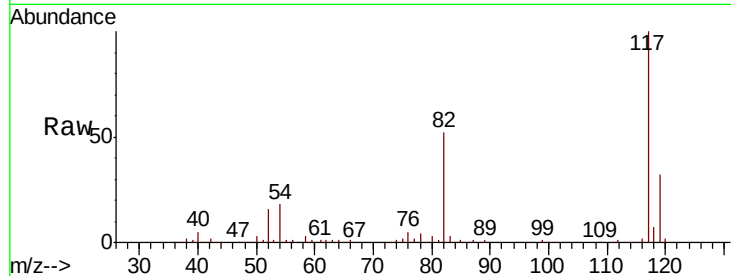
Time-->



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

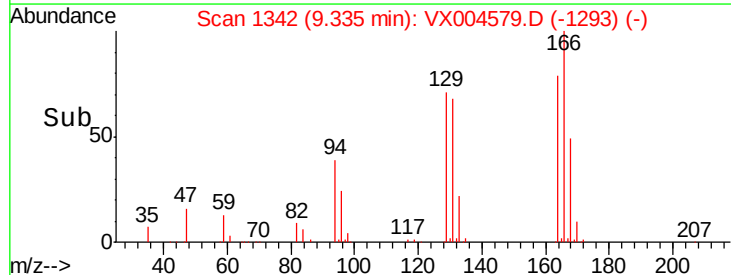
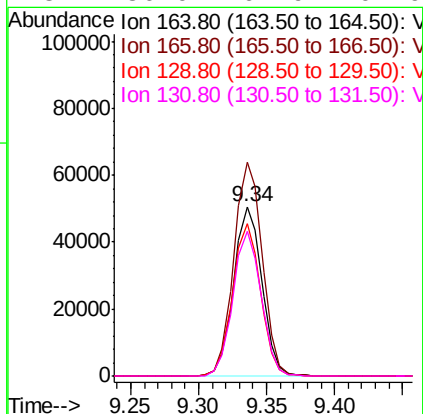
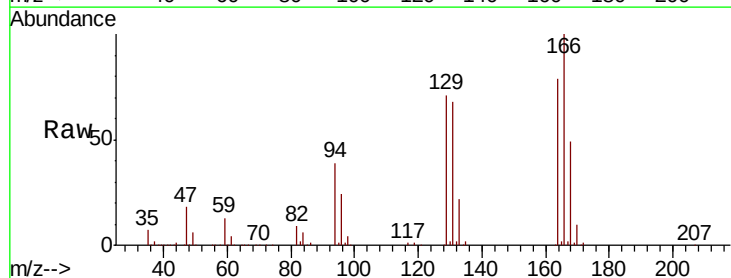
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

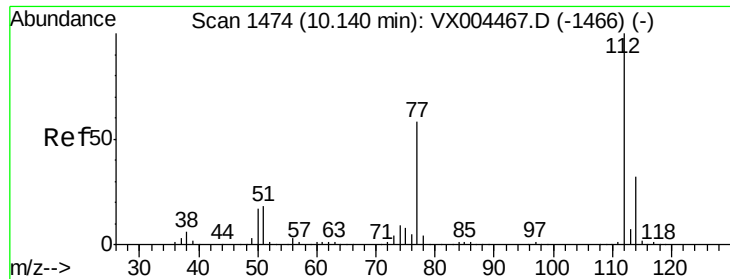
Tot Ion:117 Resp: 332359
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.6
119 32.0 29.3 43.9



#64
Tetrachloroethene
Concen: 17.62 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion:164 Resp: 73109
Ion Ratio Lower Upper
164 100
166 126.4 102.8 154.2
129 90.3 69.4 104.0
131 86.0 67.9 101.9

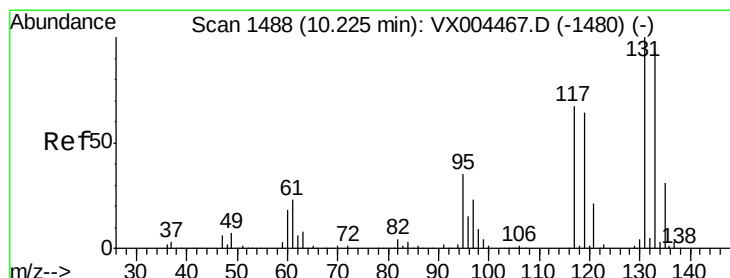
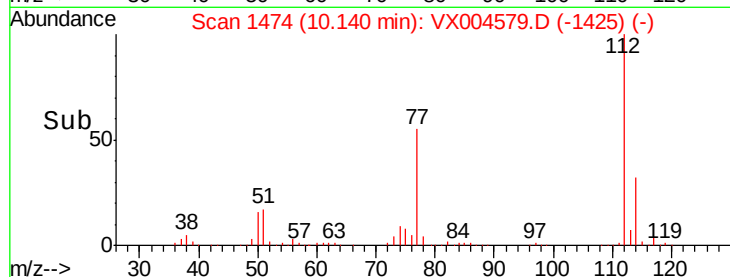
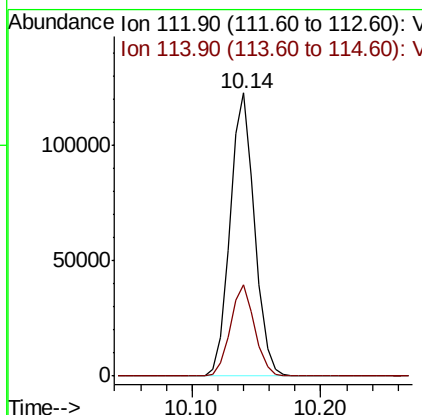
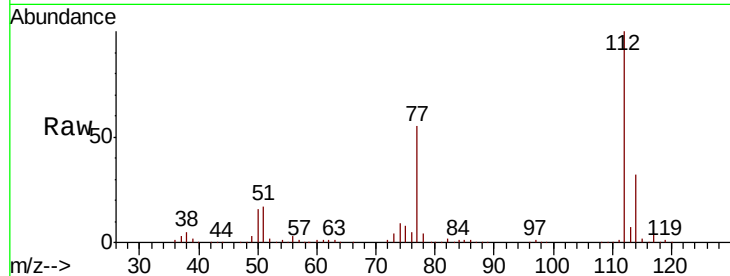




#65
Chlorobenzene
Concen: 19.79 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

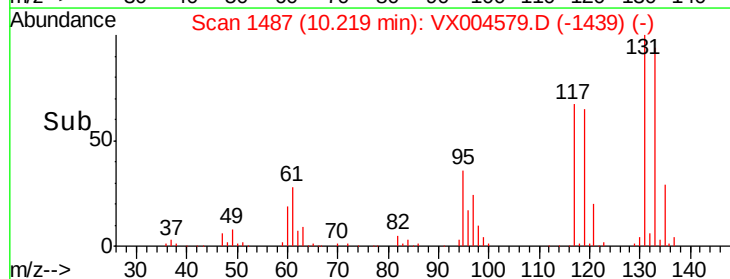
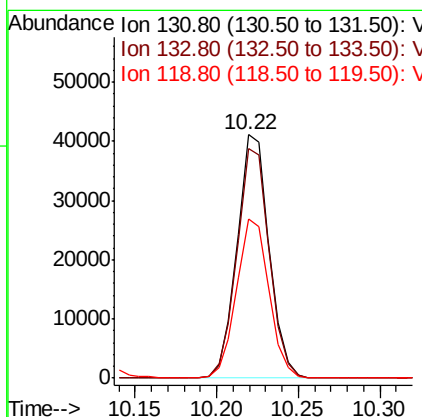
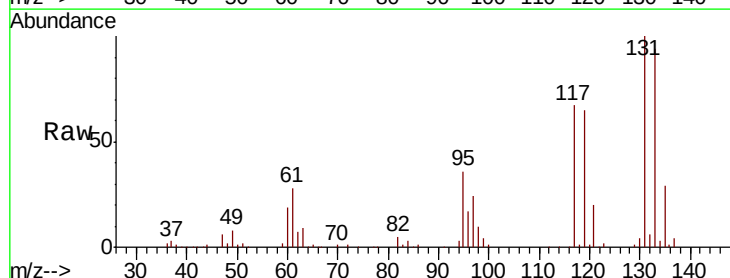
Instrument :
MSVOA_X
ClientSampled :
VX0915WBS01

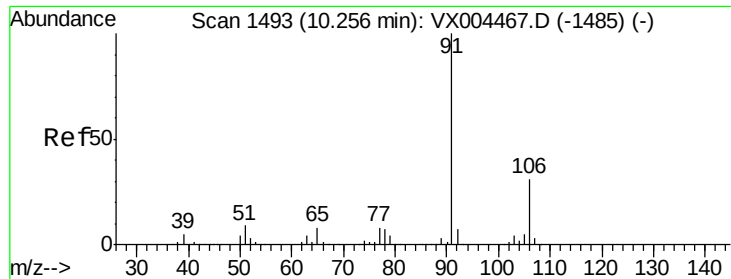
Tot Ion:112 Resp: 163404
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.75 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion:131 Resp: 56238
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 66.3 32.9 98.6

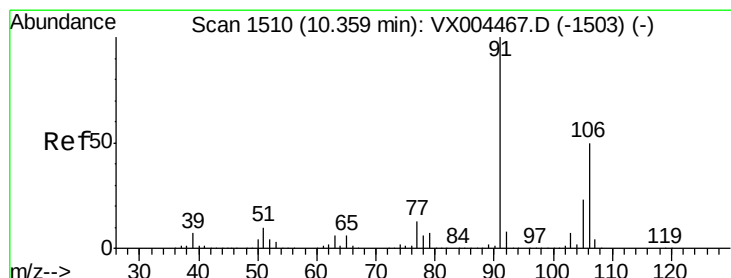
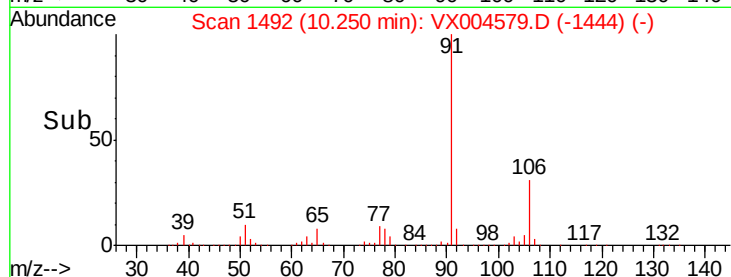
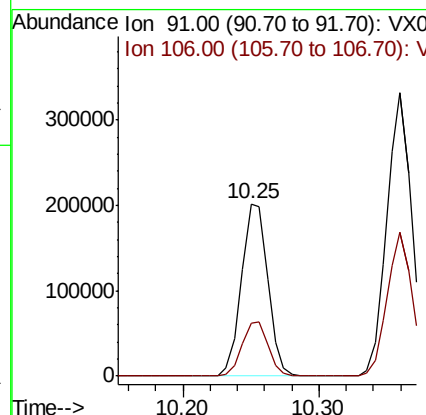
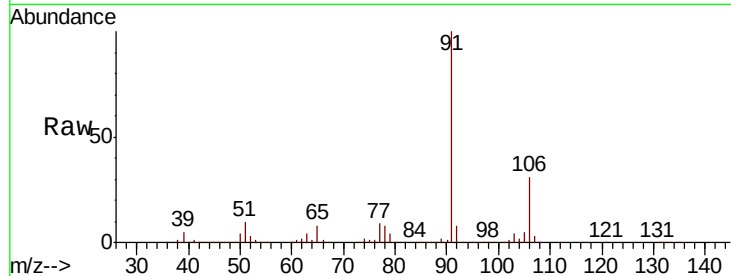




#67
Ethyl Benzene
Concen: 20.40 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

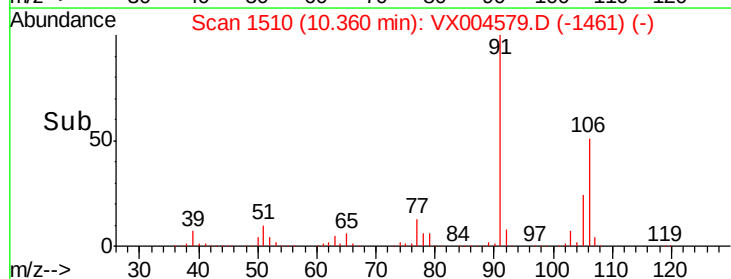
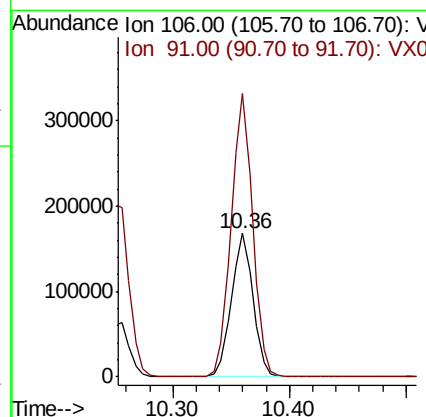
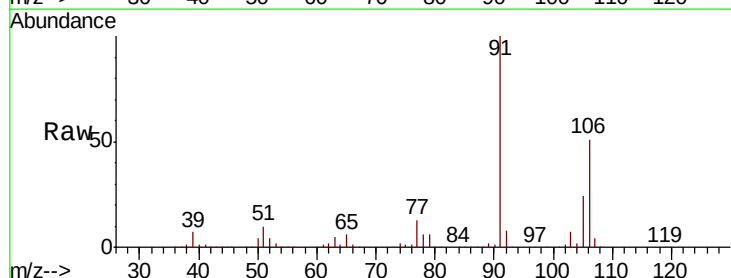
Instrument :
MSVOA_X
ClientSampled :
VX0915WBS01

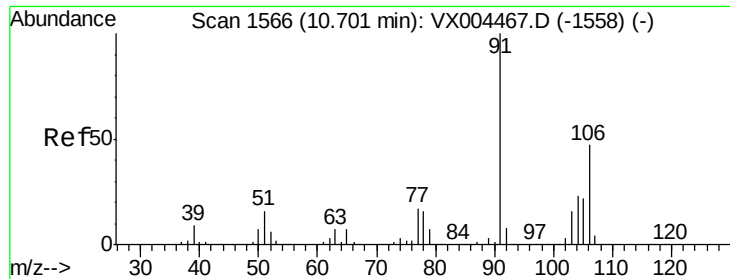
Tot Ion: 91 Resp: 273911
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 41.57 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 106 Resp: 214939
Ion Ratio Lower Upper
106 100
91 198.1 157.1 235.7

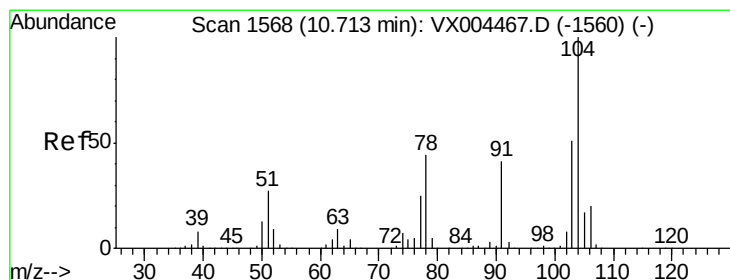
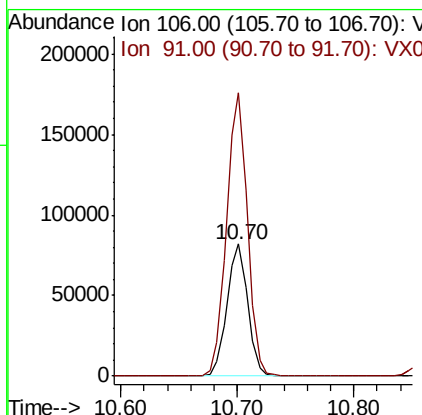
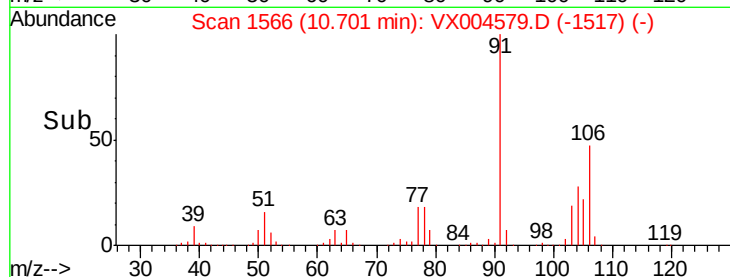
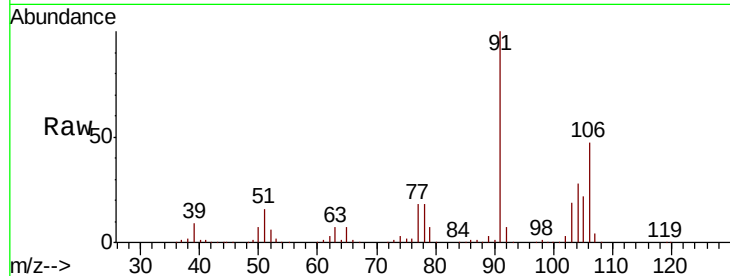




#69
o-Xylene
Concen: 20.37 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

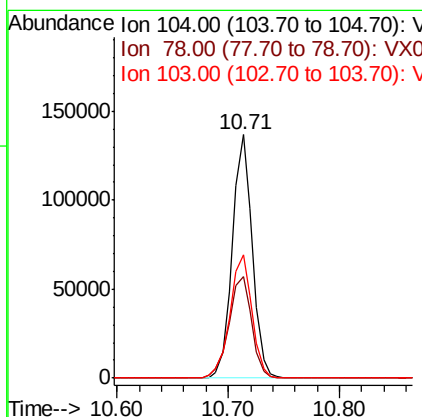
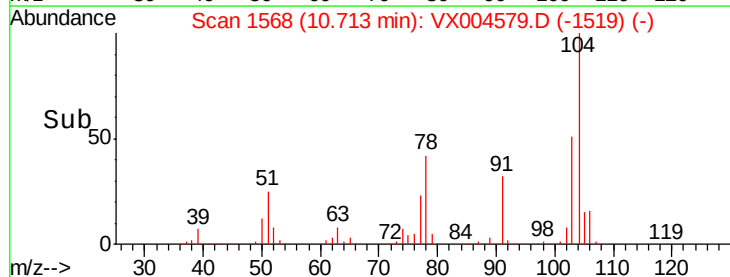
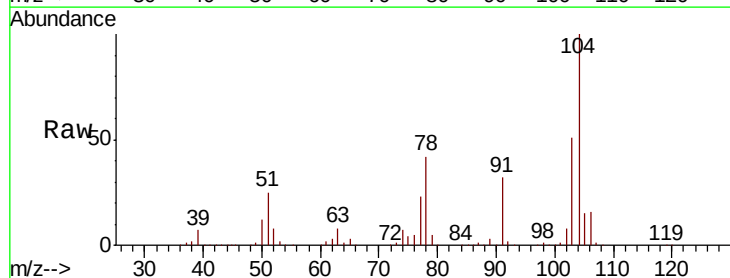
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS01

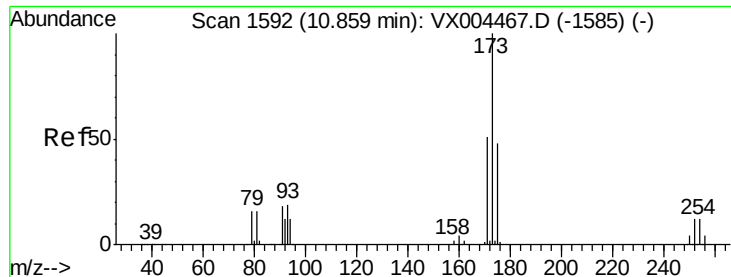
Tot Ion:106 Resp: 101252
Ion Ratio Lower Upper
106 100
91 215.9 105.1 315.1



#70
Styrene
Concen: 20.57 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion:104 Resp: 169410
Ion Ratio Lower Upper
104 100
78 48.1 37.4 56.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 18.52 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

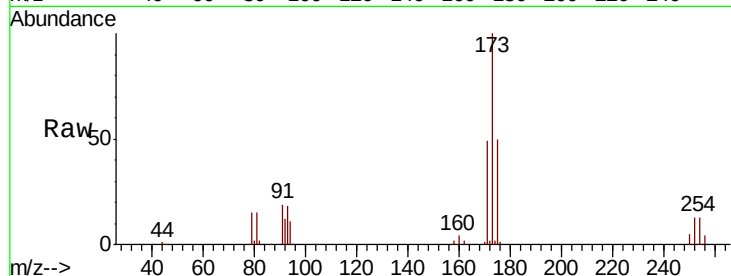
Tot Ion:173 Resp: 43297

Ion Ratio Lower Upper

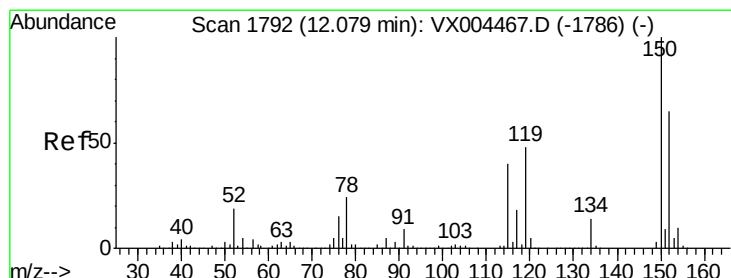
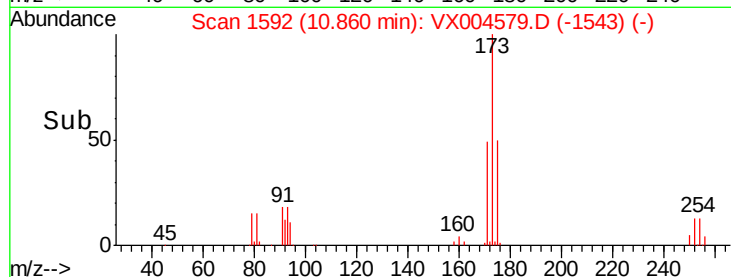
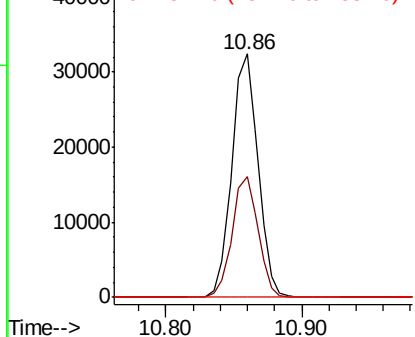
173 100

175 49.1 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: VX004579.D

Acq: 15 Sep 2018 12:54

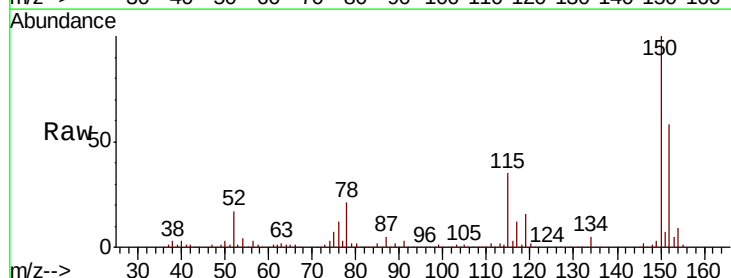
Tgt Ion:152 Resp: 237752

Ion Ratio Lower Upper

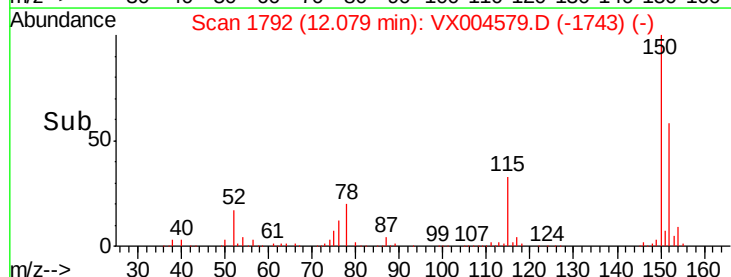
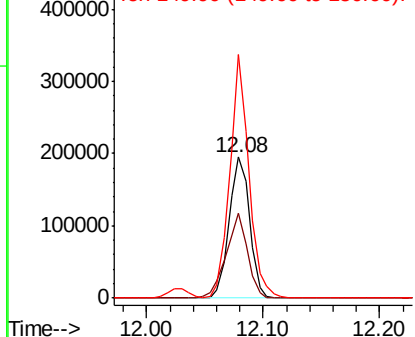
152 100

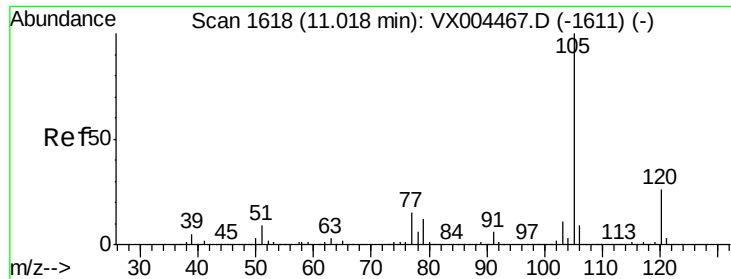
115 62.4 39.0 117.0

150 161.2 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: 17.86 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

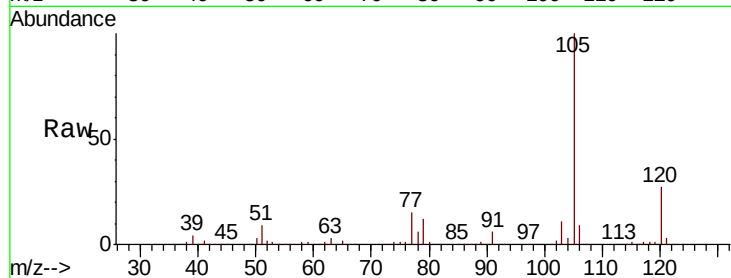
VX0915WBS01

Tot Ion:105 Resp: 279721

Ion Ratio Lower Upper

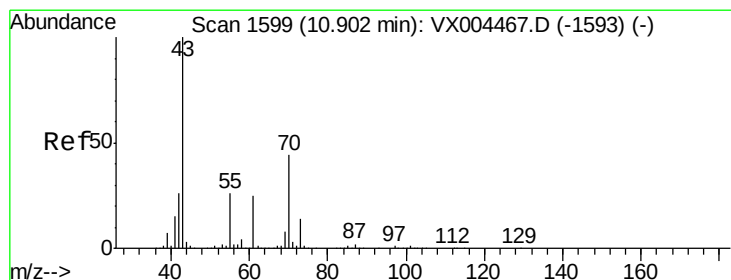
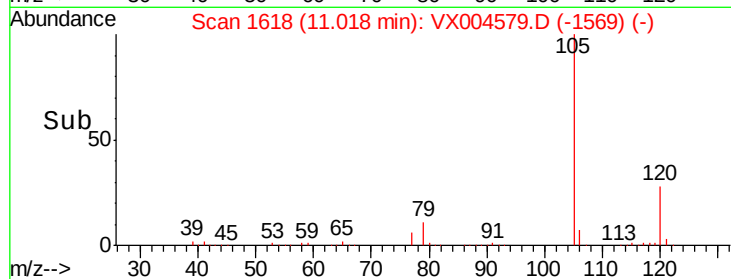
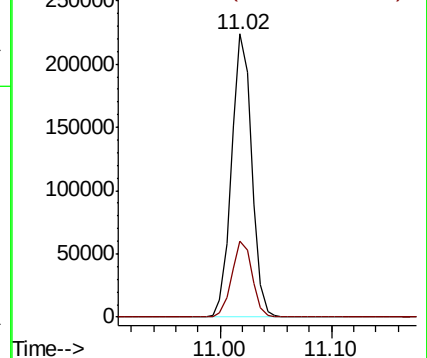
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.08 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Tgt Ion: 43 Resp: 105985

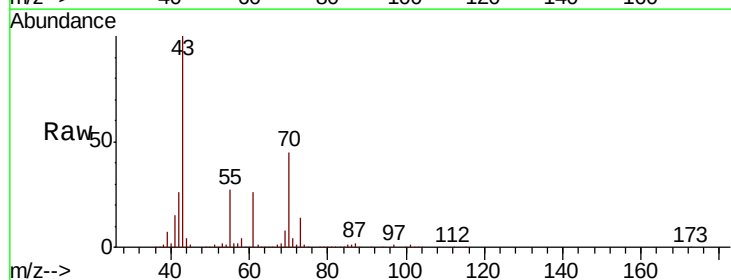
Ion Ratio Lower Upper

43 100

70 43.5 37.4 56.0

55 27.3 21.8 32.8

61 24.9 20.6 30.8

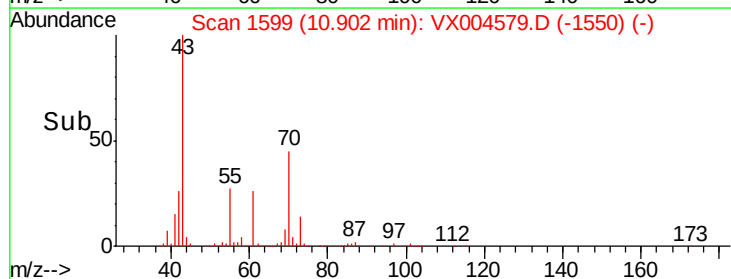
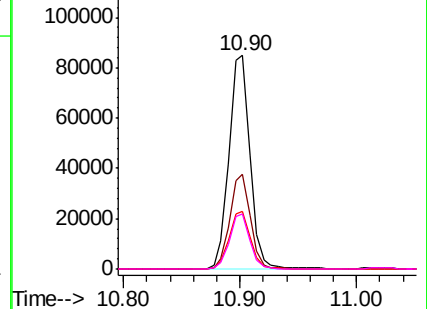


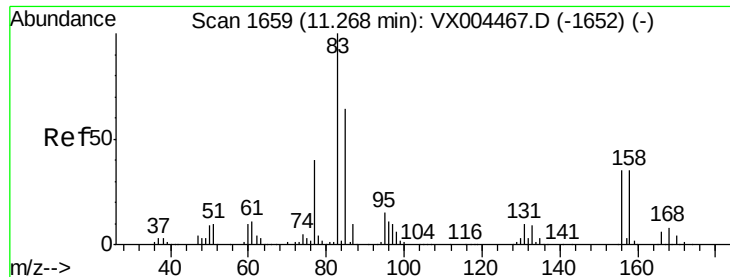
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.30 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

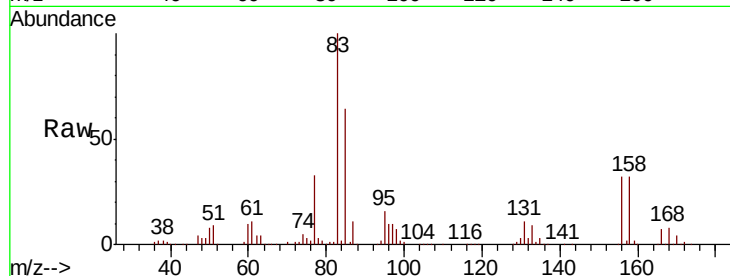
Tot Ion: 83 Resp: 82339

Ion Ratio Lower Upper

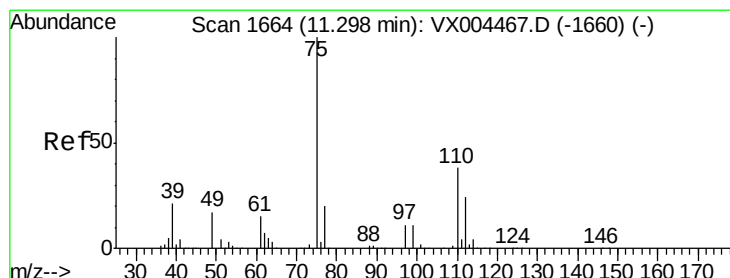
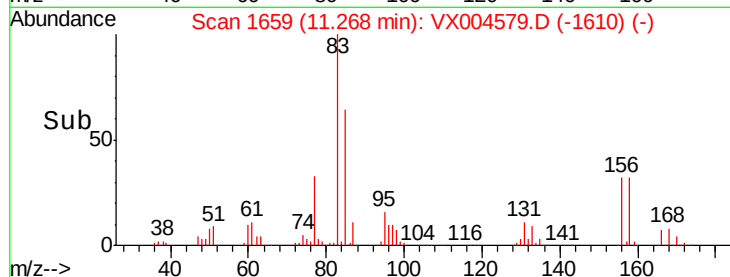
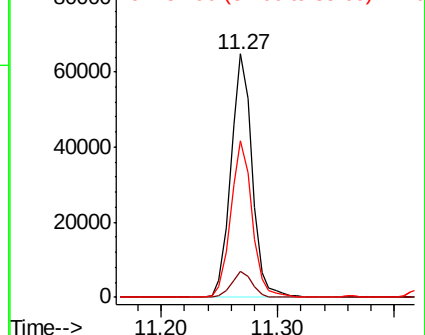
83 100

131 10.3 5.2 15.6

85 64.7 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: 20.08 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004579.D

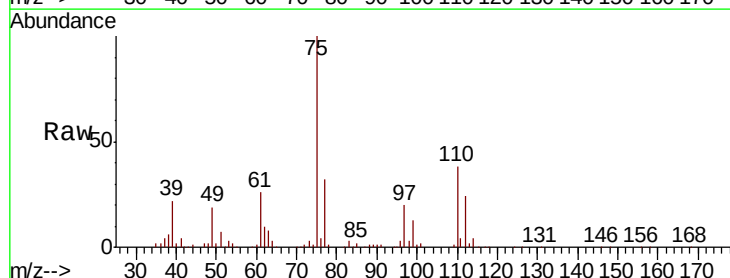
Acq: 15 Sep 2018 12:54

Tgt Ion: 75 Resp: 96072

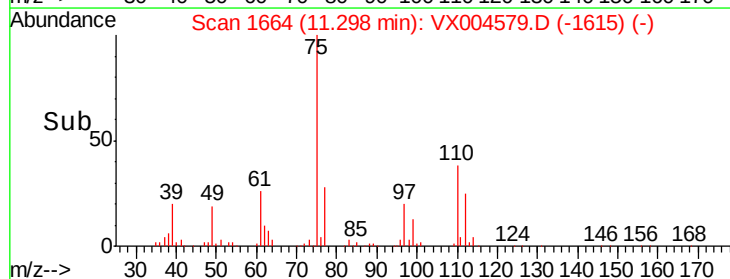
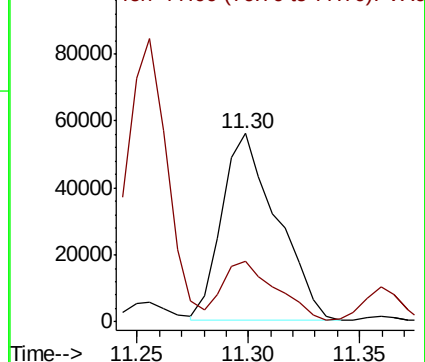
Ion Ratio Lower Upper

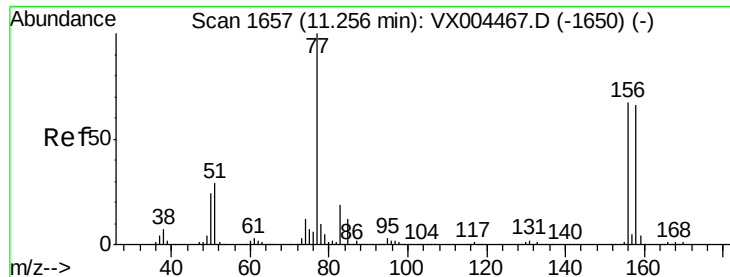
75 100

77 31.8 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: 17.06 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampled :

VX0915WBS01

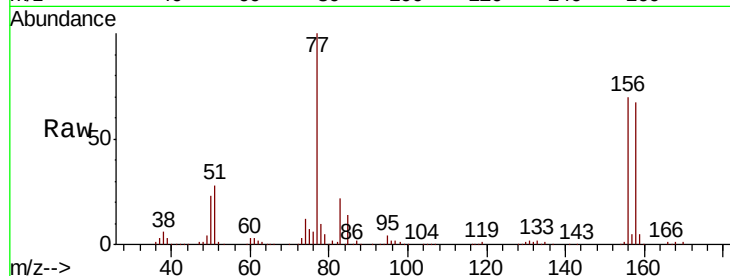
Tot Ion:156 Resp: 73830

Ion Ratio Lower Upper

156 100

77 146.3 71.5 214.3

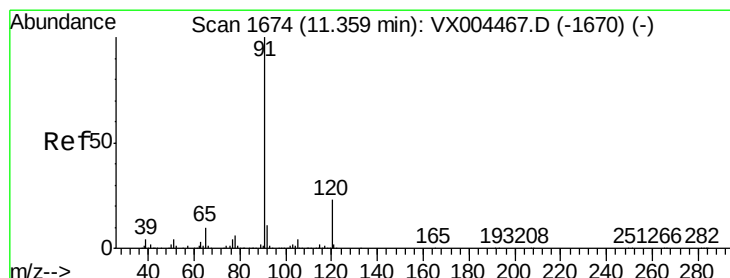
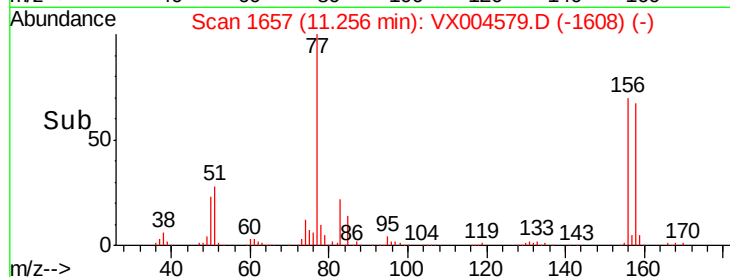
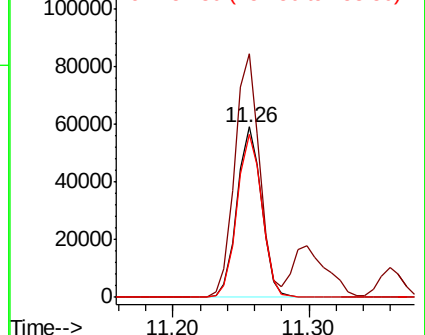
158 97.7 48.9 146.8



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: 17.87 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004579.D

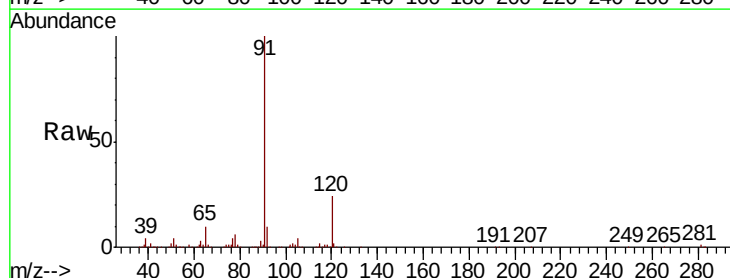
Acq: 15 Sep 2018 12:54

Tgt Ion: 91 Resp: 321779

Ion Ratio Lower Upper

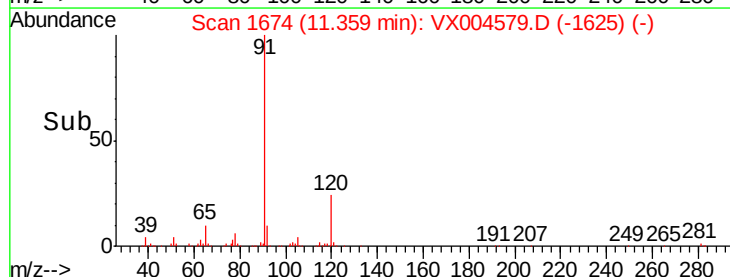
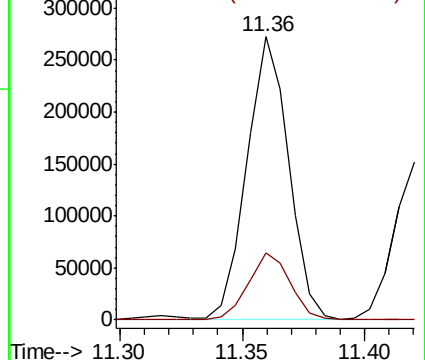
91 100

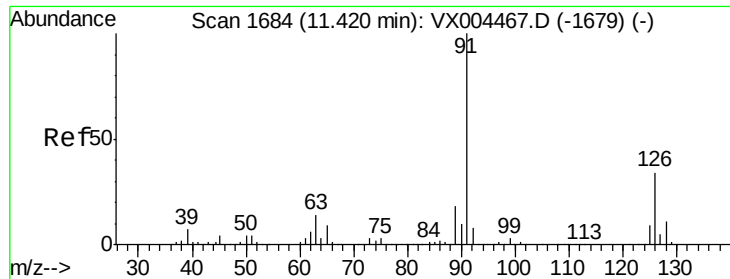
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

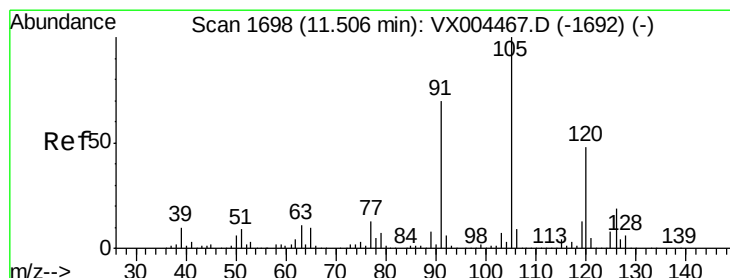
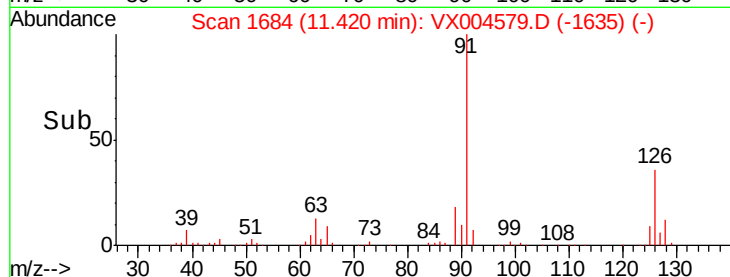
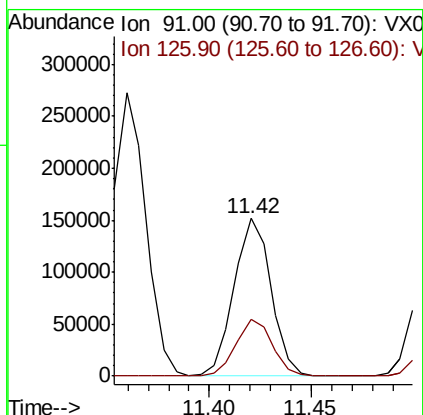
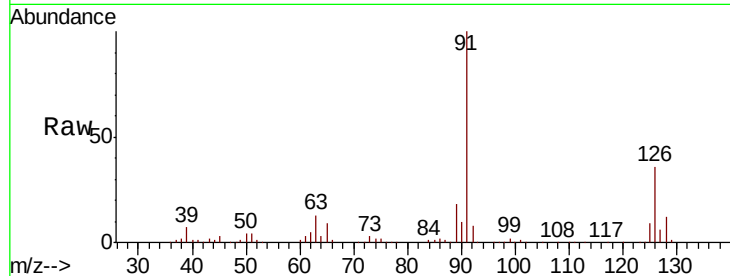




#79
 2-Chlorotoluene
 Concen: 17.37 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

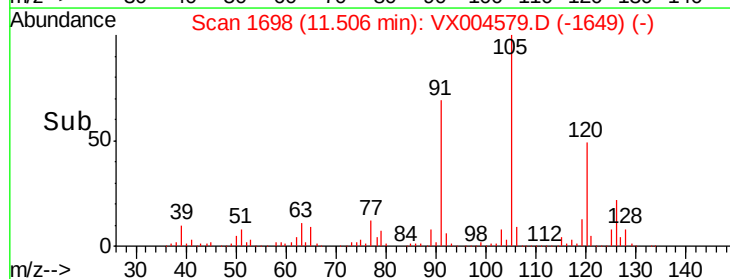
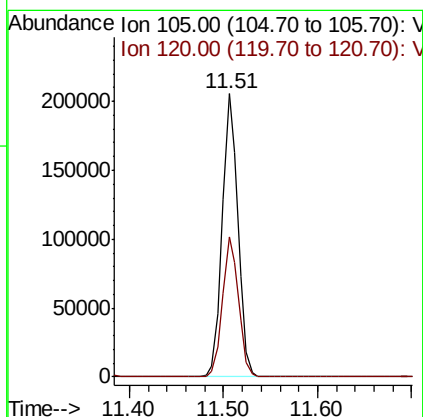
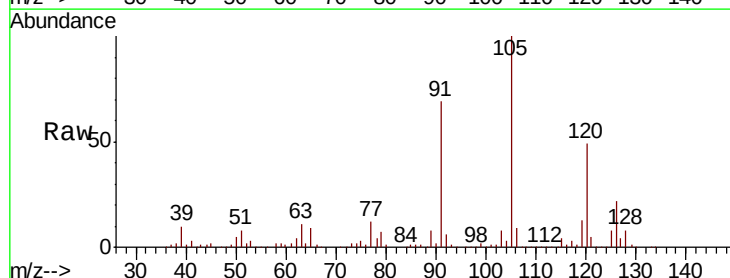
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

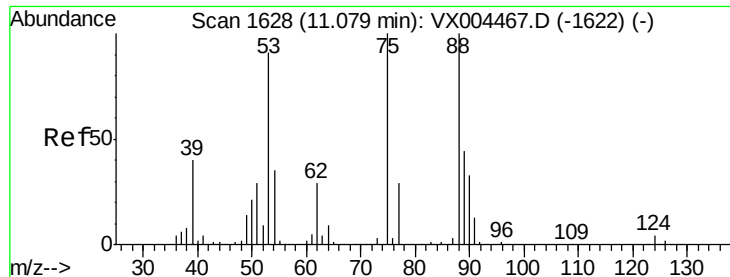
Tot Ion: 91 Resp: 189648
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.04 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion: 105 Resp: 237477
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.26 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampled :

VX0915WBS01

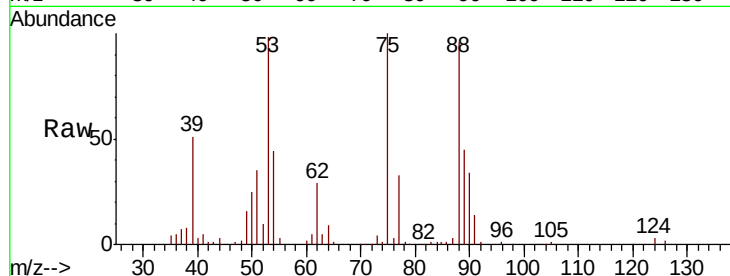
Tot Ion: 75 Resp: 24395

Ion Ratio Lower Upper

75 100

53 97.3 80.1 120.1

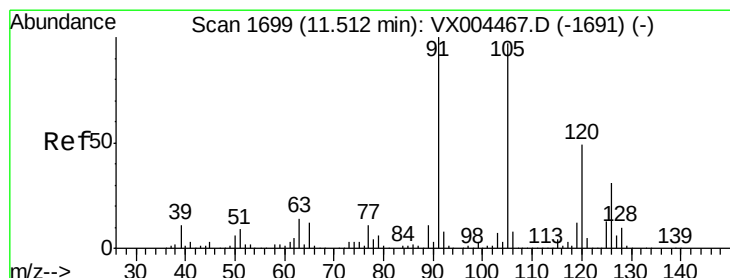
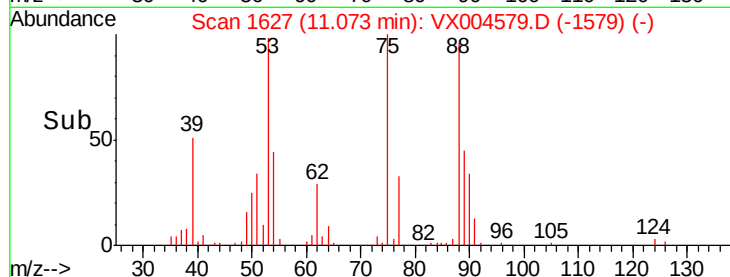
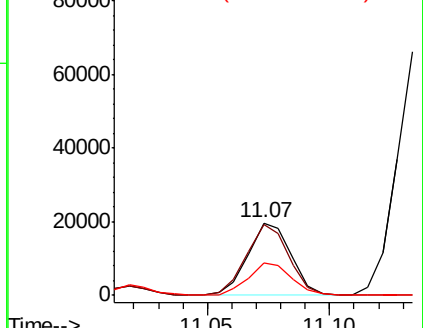
89 45.1 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.58 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004579.D

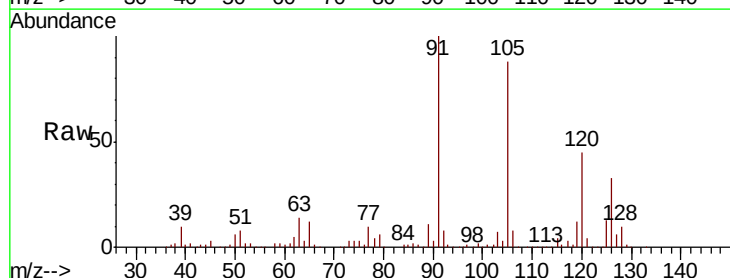
Acq: 15 Sep 2018 12:54

Tgt Ion: 91 Resp: 223993

Ion Ratio Lower Upper

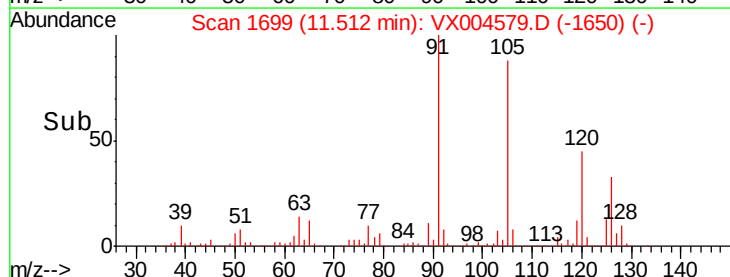
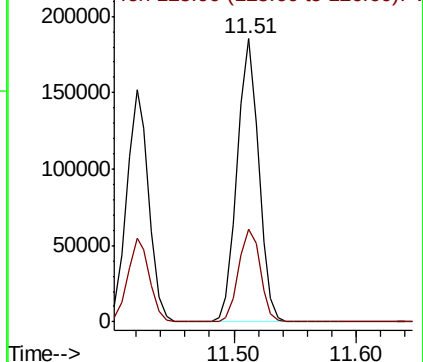
91 100

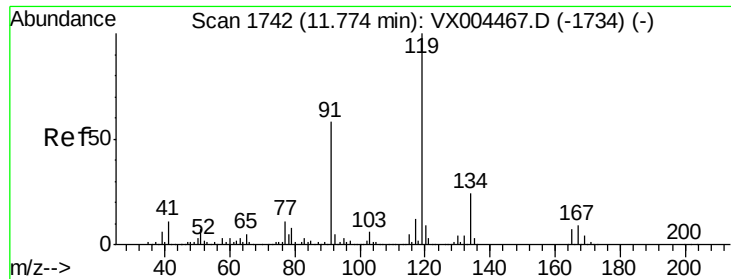
126 33.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

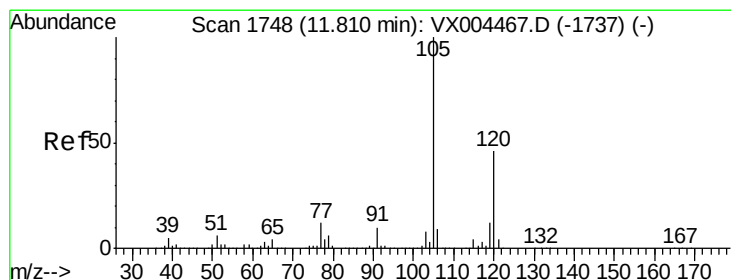
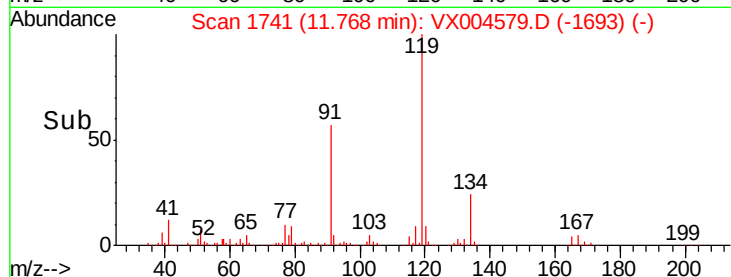
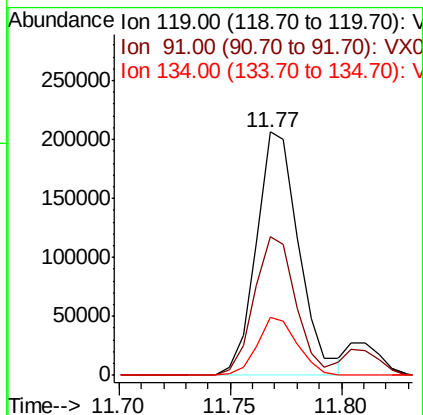
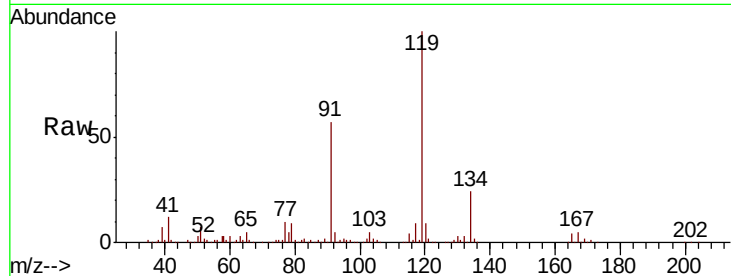




#83
 tert-Butylbenzene
 Concen: 21.99 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

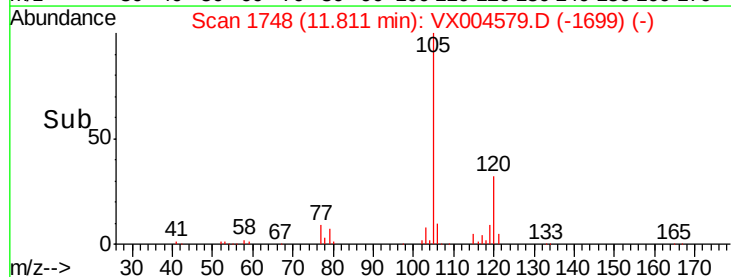
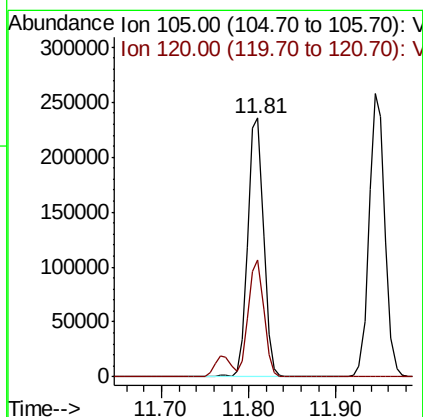
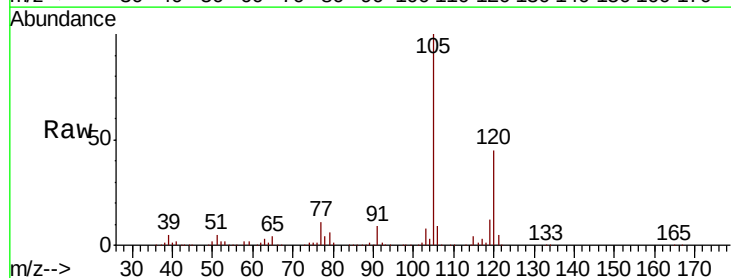
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

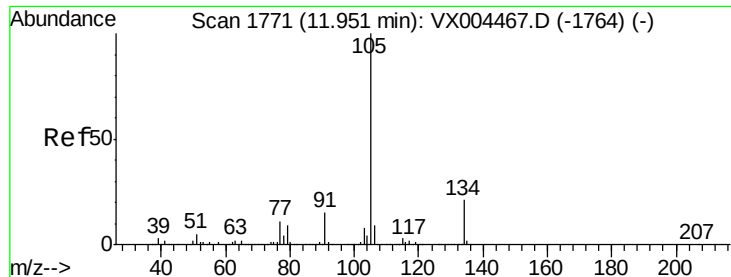
Tot Ion:119 Resp: 275522
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.0 81.0
 134 22.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.81 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion:105 Resp: 293070
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.47 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

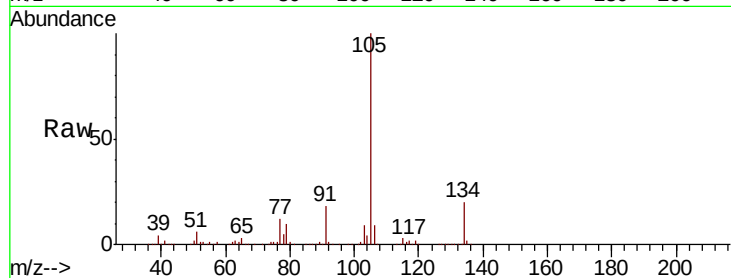
VX0915WBS01

Tot Ion:105 Resp: 326971

Ion Ratio Lower Upper

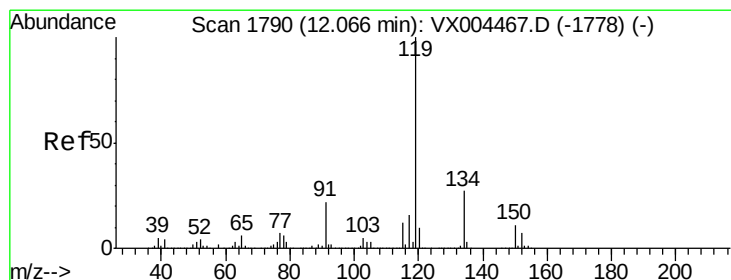
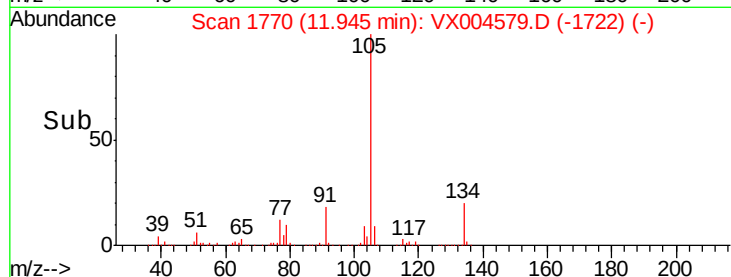
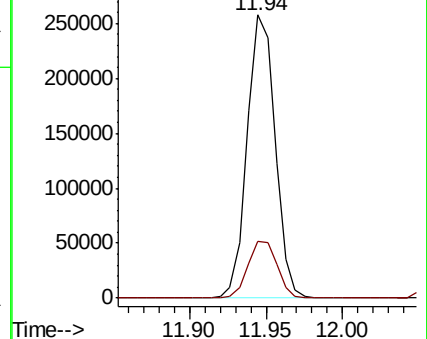
105 100

134 21.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.92 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

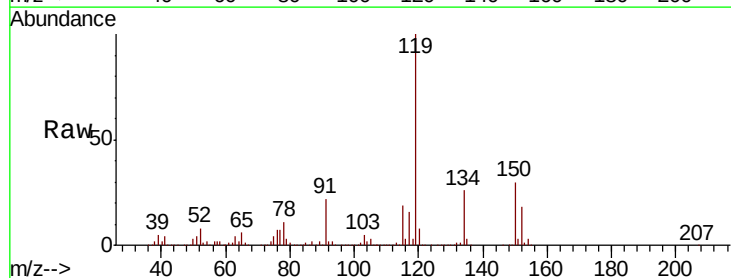
Tgt Ion:119 Resp: 309139

Ion Ratio Lower Upper

119 100

134 25.8 13.4 40.2

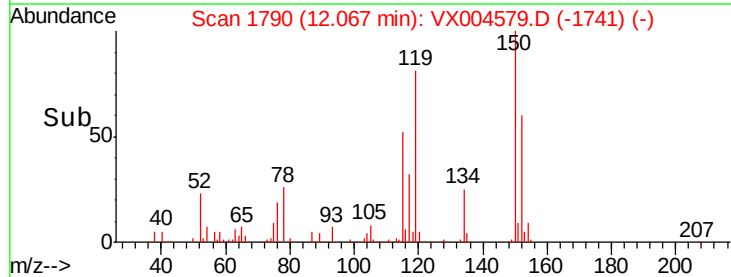
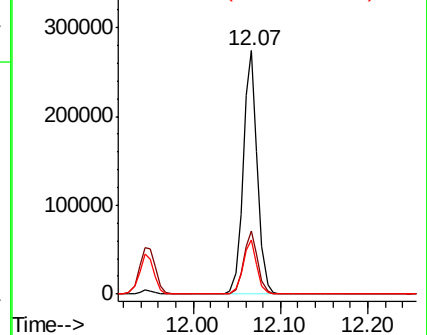
91 21.8 10.9 32.7

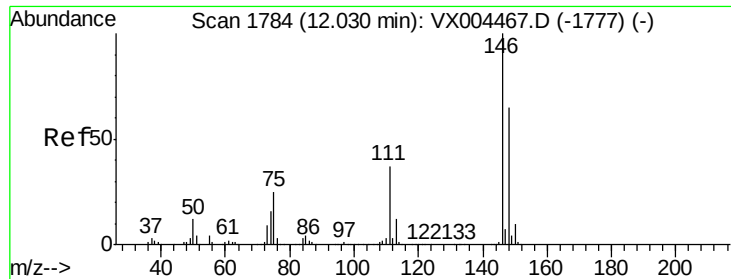


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

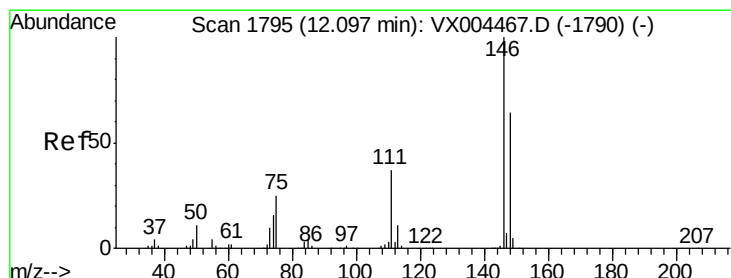
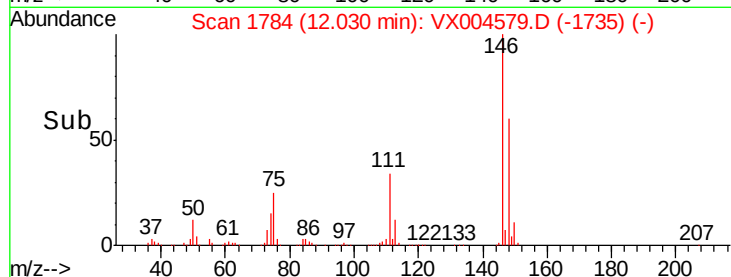
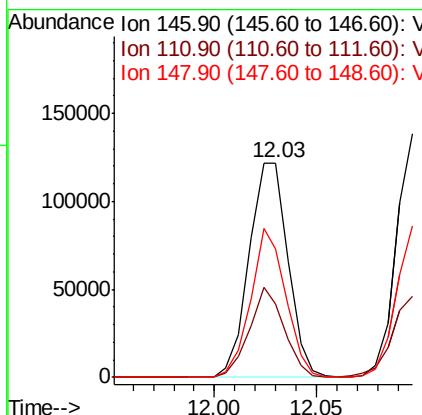
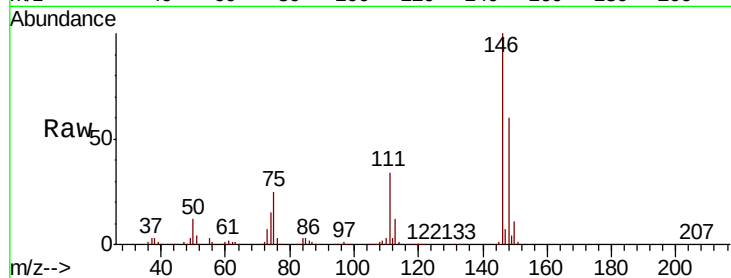




#87
 1,3-Dichlorobenzene
 Concen: 20.06 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

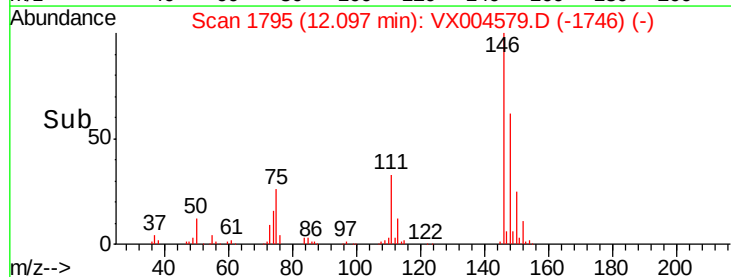
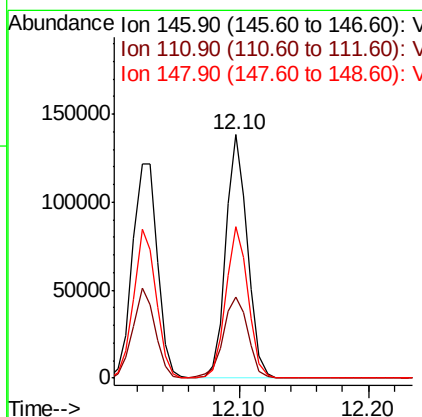
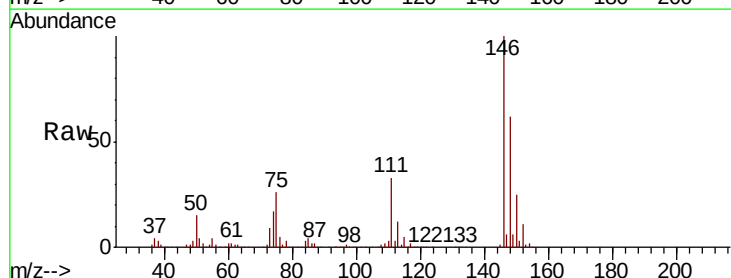
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

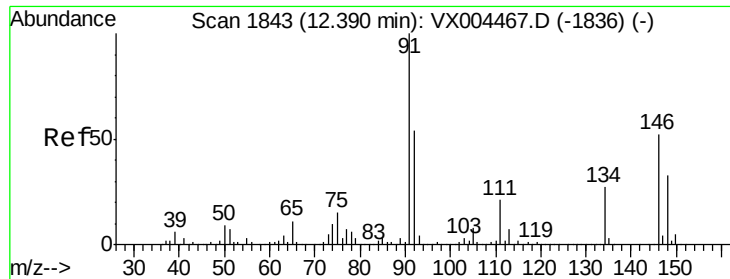
Tot Ion:146 Resp: 161996
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 62.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.61 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion:146 Resp: 163599
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.1 54.1
 148 64.1 32.0 96.0

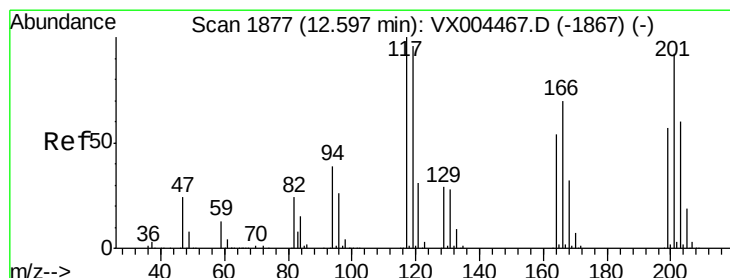
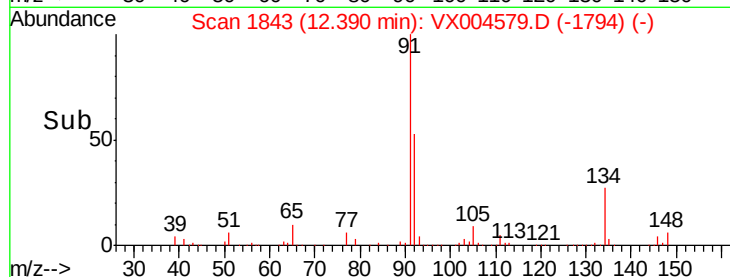
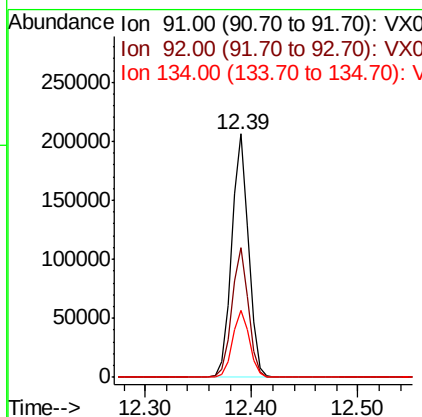
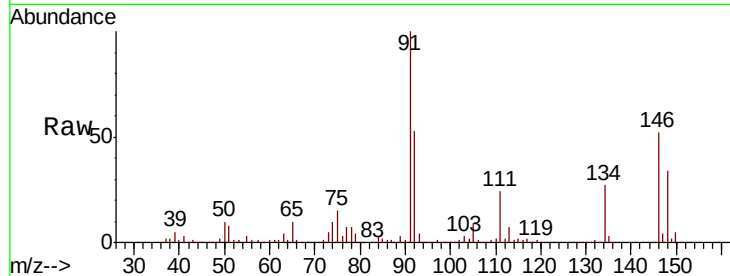




#89
n-Butylbenzene
Concen: 17.81 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

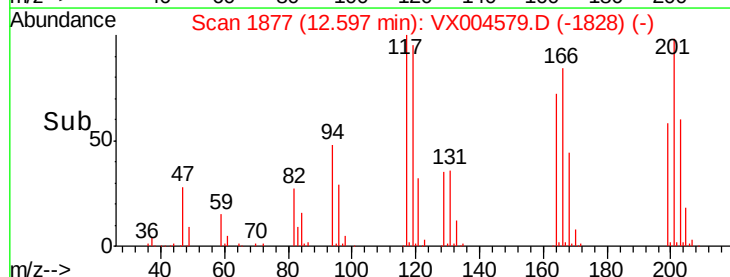
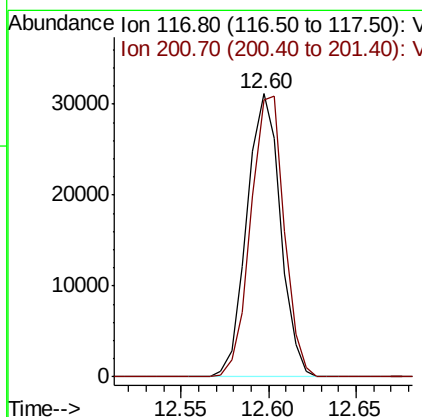
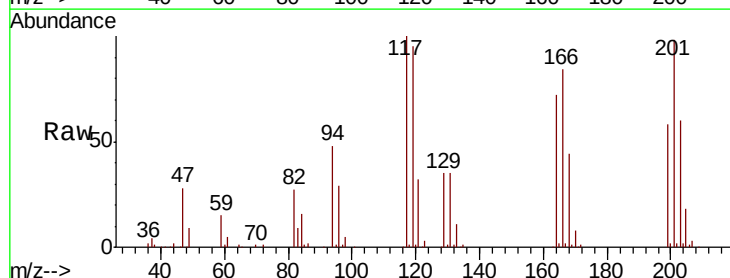
Instrument :
MSVOA_X
ClientSampled :
VX0915WBS01

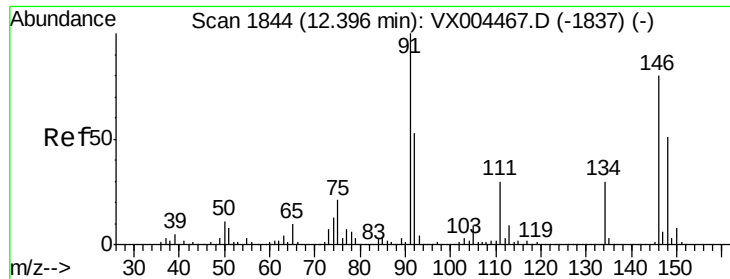
Tot Ion: 91 Resp: 228862
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 18.39 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004579.D
Acq: 15 Sep 2018 12:54

Tgt Ion: 117 Resp: 41521
Ion Ratio Lower Upper
117 100
201 99.2 46.9 140.6

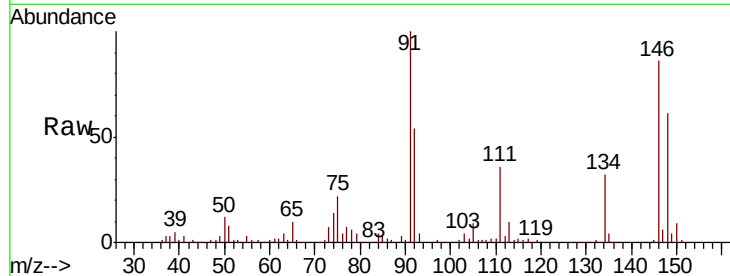




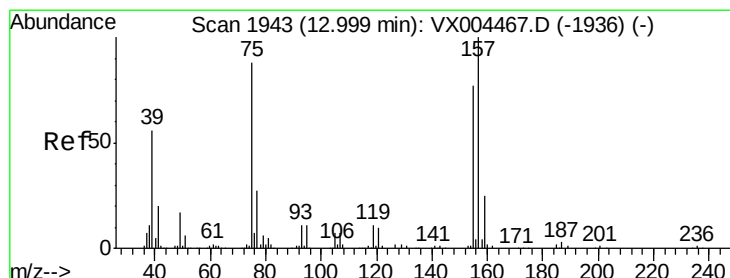
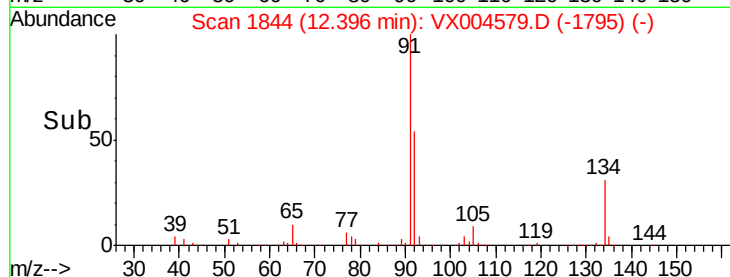
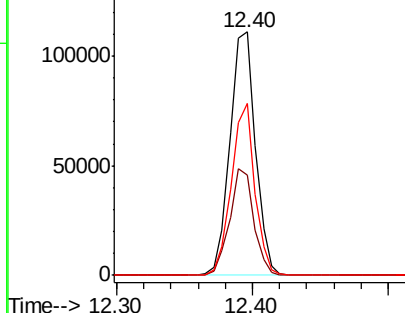
#91
 1,2-Dichlorobenzene
 Concen: 17.71 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0915WBS01

Tot Ion:146 Resp: 144752
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.4 58.1
 148 65.0 32.8 98.3

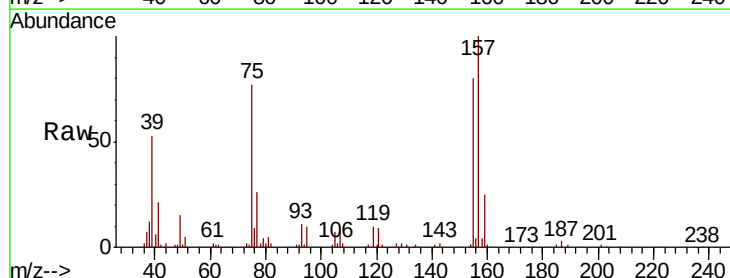


Abundance Ion 145.90 (145.60 to 146.60): V
 150000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

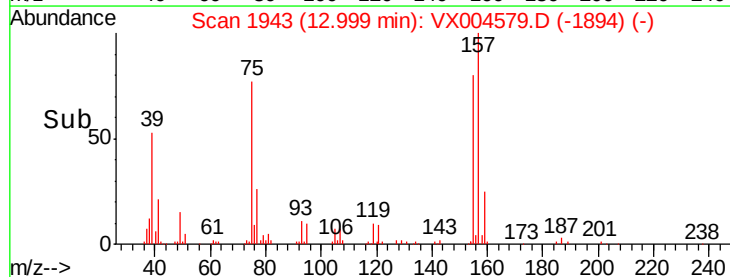
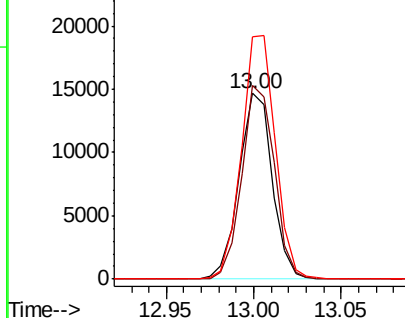


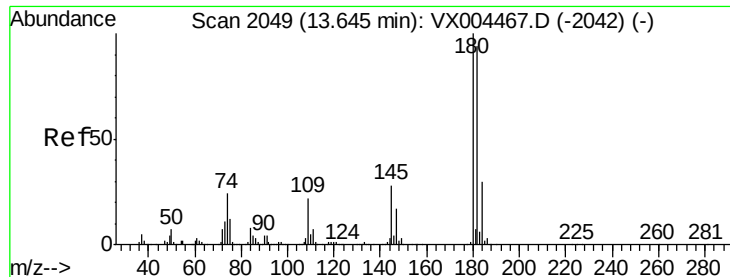
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.98 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion: 75 Resp: 19392
 Ion Ratio Lower Upper
 75 100
 155 102.0 48.0 144.2
 157 132.7 61.4 184.1



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

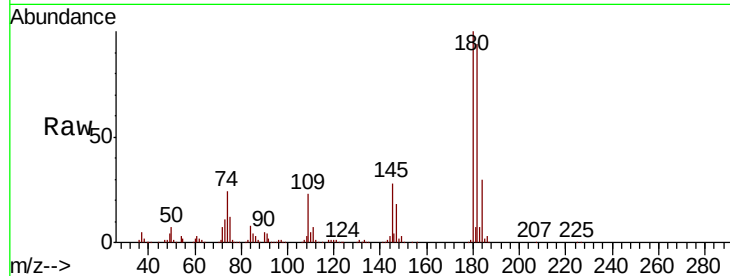




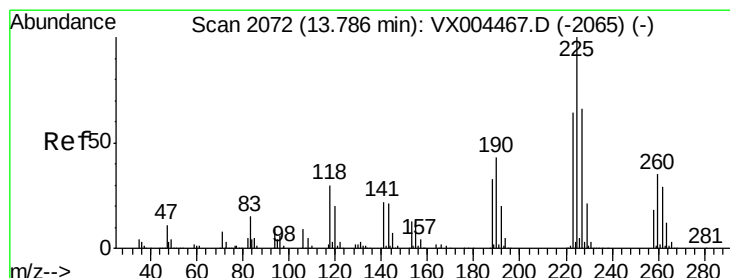
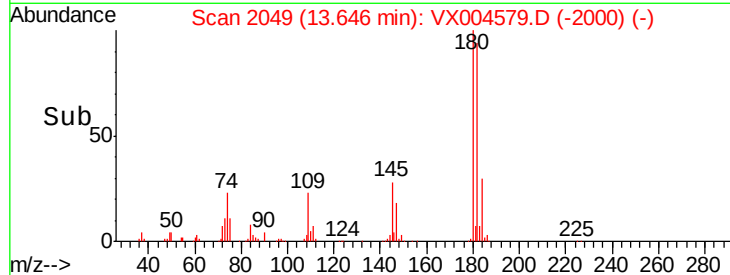
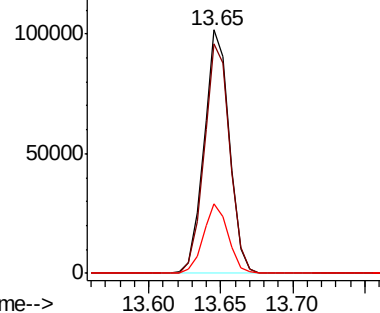
#93
 1,2,4-Trichlorobenzene
 Concen: 21.64 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0915WBS01

Tot Ion:180 Resp: 125226
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.4 145.0
 145 28.0 14.3 42.9

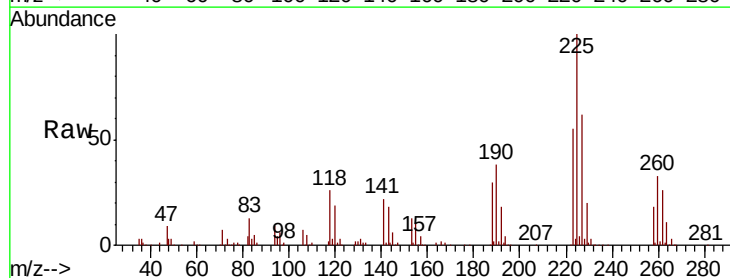


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

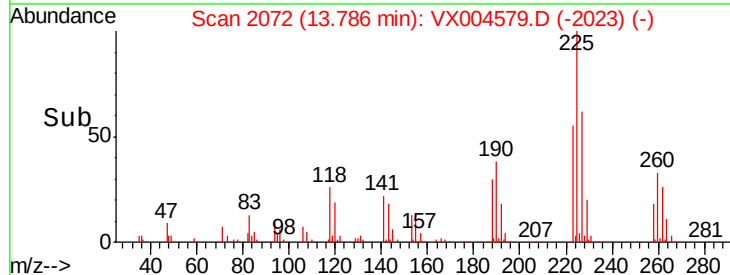
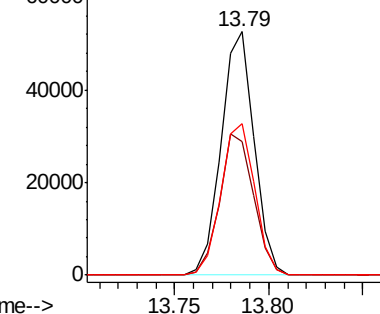


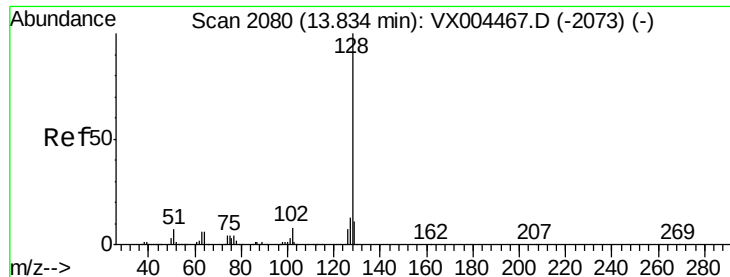
#94
 Hexachlorobutadiene
 Concen: 21.12 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004579.D
 Acq: 15 Sep 2018 12:54

Tgt Ion:225 Resp: 63830
 Ion Ratio Lower Upper
 225 100
 223 59.8 30.1 90.5
 227 64.0 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: 21.24 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS01

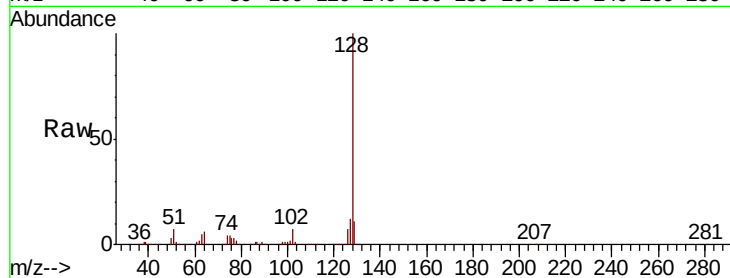
Tot Ion:128 Resp: 344799

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

129 10.9 8.6 12.8

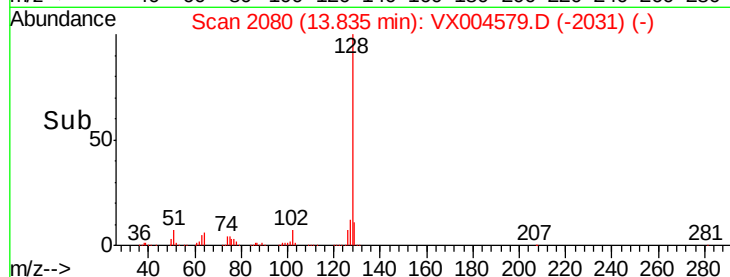


Abundance Ion 128.00 (127.70 to 128.70): V

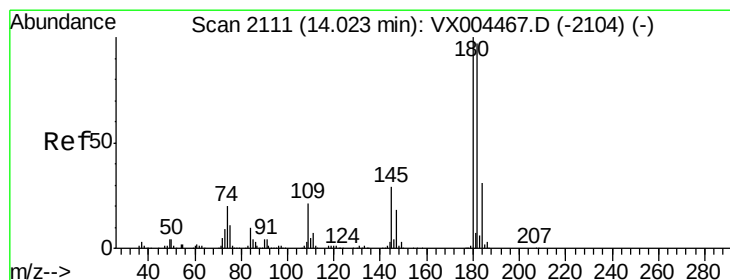
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.75 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004579.D

Acq: 15 Sep 2018 12:54

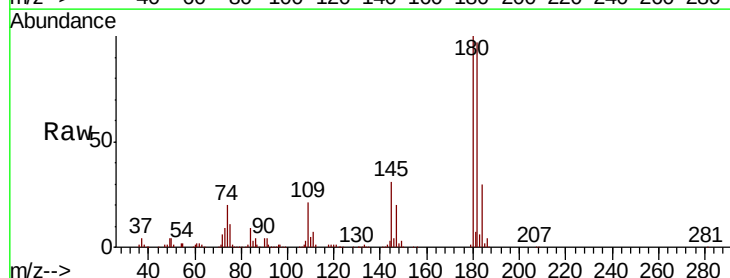
Tgt Ion:180 Resp: 117415

Ion Ratio Lower Upper

180 100

182 100.8 48.5 145.6

145 30.6 14.9 44.9

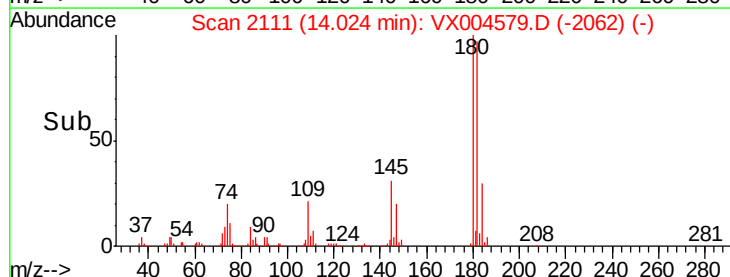


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->