

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004736.D
 Acq On : 26 Sep 2018 19:42
 Operator : JC/MD
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Quant Time: Sep 27 01:13:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198735	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
35) Dibromofluoromethane	5.50	113	160437	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	8.71	98	559053	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
62) 4-Bromofluorobenzene	11.14	95	202049	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81505	23.493	ug/l	99
3) Chloromethane	1.32	50	93414	22.193	ug/l	99
4) Vinyl Chloride	1.40	62	84771	21.473	ug/l	100
5) Bromomethane	1.64	94	53681	22.931	ug/l	98
6) Chloroethane	1.72	64	51425	22.628	ug/l	96
7) Trichlorofluoromethane	1.93	101	110611	22.632	ug/l	98
8) Diethyl Ether	2.19	74	41968	19.766	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59128	21.239	ug/l	96
10) Methyl Iodide	2.51	142	76843	20.627	ug/l	100
11) Tert butyl alcohol	3.08	59	113259	111.438	ug/l	98
12) 1,1-Dichloroethene	2.37	96	57817	20.970	ug/l	98
13) Acrolein	2.29	56	69525	96.145	ug/l	95
14) Allyl chloride	2.73	41	132327	21.997	ug/l	95
15) Acrylonitrile	3.15	53	247159	110.469	ug/l	95
16) Acetone	2.45	43	231561	109.119	ug/l	91
17) Carbon Disulfide	2.57	76	167755	20.249	ug/l	99
18) Methyl Acetate	2.78	43	116763	21.717	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	208507	21.925	ug/l	99
20) Methylene Chloride	2.85	84	73571	23.398	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	65114	21.574	ug/l	93
22) Diisopropyl ether	3.87	45	230789	22.783	ug/l	96
23) Vinyl Acetate	3.82	43	1031953	111.291	ug/l	96
24) 1,1-Dichloroethane	3.69	63	121809	20.158	ug/l	97
25) 2-Butanone	4.70	43	350508	112.053	ug/l	98
26) 2,2-Dichloropropane	4.58	77	91907	21.842	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	73724	21.866	ug/l	98
28) Bromochloromethane	5.01	49	58834	20.676	ug/l	89
29) Tetrahydrofuran	5.16	42	228630	117.596	ug/l	92
30) Chloroform	5.21	83	121676	21.306	ug/l	92
31) Cyclohexane	5.57	56	107893	23.329	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	100427	21.533	ug/l	97
36) 1,1-Dichloropropene	5.80	75	85939	20.638	ug/l	99
37) Ethyl Acetate	4.86	43	123906	22.417	ug/l	98
38) Carbon Tetrachloride	5.78	117	84836	19.381	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004736.D
 Acq On : 26 Sep 2018 19:42
 Operator : JC/MD
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Quant Time: Sep 27 01:13:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90433	21.268	ug/l	91
40) Benzene	6.13	78	275011	21.096	ug/l	97
41) Methacrylonitrile	5.07	41	64889	21.168	ug/l	96
42) 1,2-Dichloroethane	6.20	62	97771	21.215	ug/l	98
43) Isopropyl Acetate	6.46	43	173284	21.720	ug/l	95
44) Trichloroethene	7.21	130	67477	21.055	ug/l	98
45) 1,2-Dichloropropane	7.52	63	67082	20.983	ug/l	99
46) Dibromomethane	7.66	93	43778	21.789	ug/l	96
47) Bromodichloromethane	7.90	83	81340	21.623	ug/l	99
48) Methyl methacrylate	7.78	41	83908	23.172	ug/l	93
49) 1,4-Dioxane	7.76	88	40680	452.192	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	586738	116.803	ug/l	92
52) Toluene	8.79	92	154520	21.571	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	87519	20.589	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	98348	22.089	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	65523	20.882	ug/l	97
56) Ethyl methacrylate	9.18	69	95661	20.574	ug/l	93
57) 1,3-Dichloropropane	9.37	76	109518	20.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	284358	113.427	ug/l	94
59) 2-Hexanone	9.50	43	460130	109.921	ug/l	93
60) Dibromochloromethane	9.59	129	63809	20.334	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67882	20.201	ug/l	99
64) Tetrachloroethene	9.34	164	66340	19.706	ug/l	98
65) Chlorobenzene	10.14	112	173601	19.792	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	61088	19.811	ug/l	99
67) Ethyl Benzene	10.26	91	285158	20.478	ug/l	96
68) m/p-Xylenes	10.36	106	224982	41.344	ug/l	95
69) o-Xylene	10.70	106	107275	21.463	ug/l	97
70) Styrene	10.71	104	181161	20.690	ug/l	97
71) Bromoform	10.86	173	51150	19.375	ug/l #	100
73) Isopropylbenzene	11.02	105	284612	22.158	ug/l	100
74) N-amyl acetate	10.90	43	135729	20.301	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	105484	20.174	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	119660	26.198	ug/l	91
77) Bromobenzene	11.26	156	77915	20.884	ug/l	97
78) n-propylbenzene	11.36	91	327430	22.217	ug/l	99
79) 2-Chlorotoluene	11.42	91	201142	21.896	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	243025	20.527	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	28414	18.280	ug/l	97
82) 4-Chlorotoluene	11.51	91	235469	21.777	ug/l	99
83) tert-Butylbenzene	11.77	119	232216	21.958	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	252671	20.696	ug/l	98
85) sec-Butylbenzene	11.94	105	281096	21.822	ug/l	98
86) p-Isopropyltoluene	12.07	119	253764	21.744	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	143082	20.538	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	145480	20.229	ug/l	99
89) n-Butylbenzene	12.39	91	219387	20.699	ug/l	97
90) Hexachloroethane	12.60	117	38098	19.607	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	144260	19.815	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23755	20.692	ug/l	95

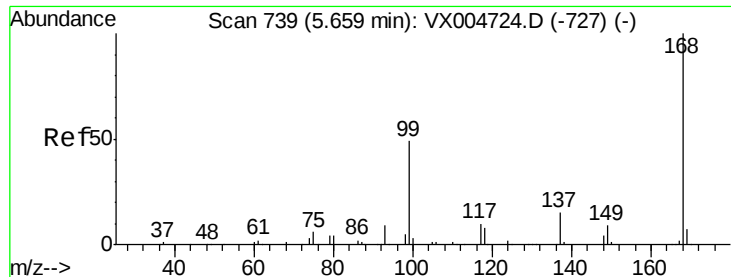
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004736.D
Acq On : 26 Sep 2018 19:42
Operator : JC/MD
Sample : VX0926WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Quant Time: Sep 27 01:13:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102284	20.028	ug/l	99
94) Hexachlorobutadiene	13.79	225	51045	19.275	ug/l	97
95) Naphthalene	13.83	128	330666	19.946	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107043	20.290	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

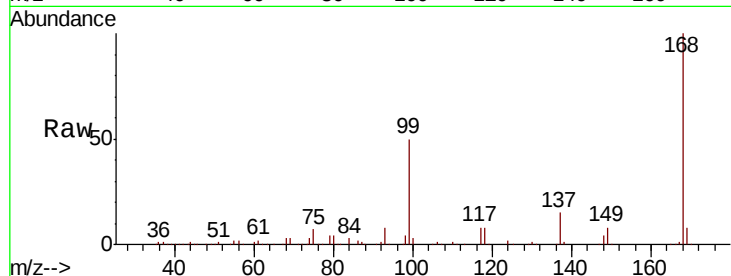
VX0926WBSD01

Tot Ion:168 Resp: 254453

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

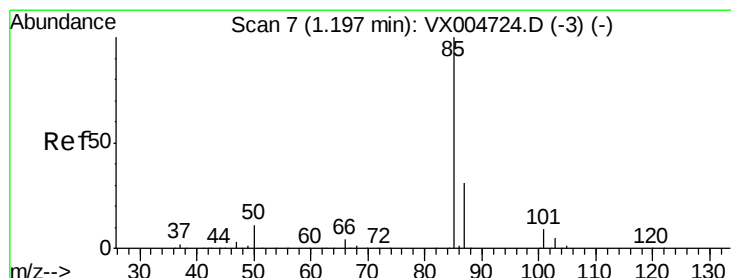
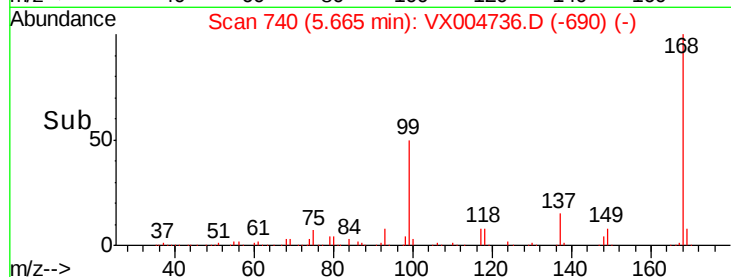
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 23.493 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004736.D

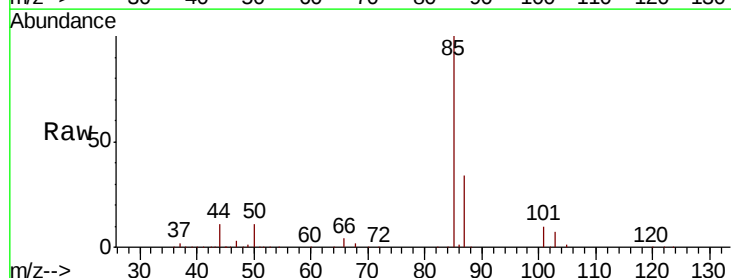
Acq: 26 Sep 2018 19:42

Tgt Ion: 85 Resp: 81505

Ion Ratio Lower Upper

85 100

87 34.5 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

80000

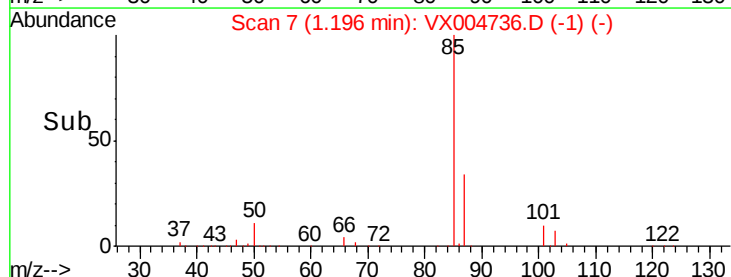
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 22.193 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

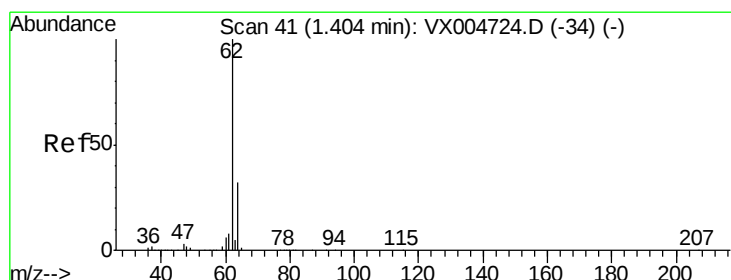
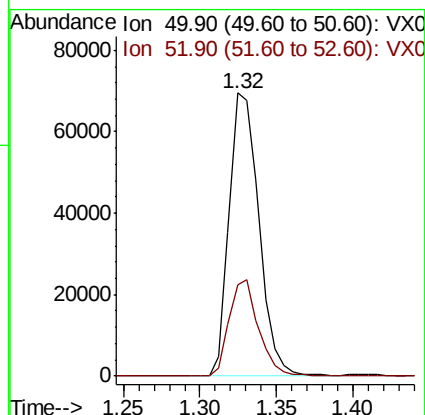
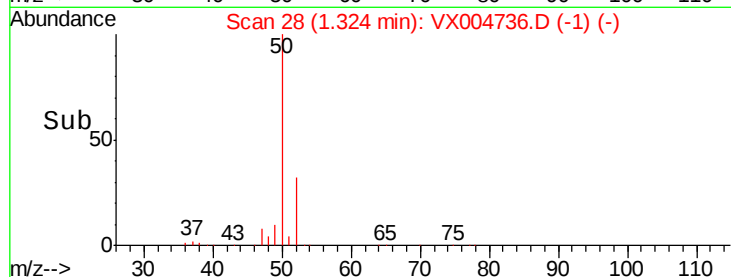
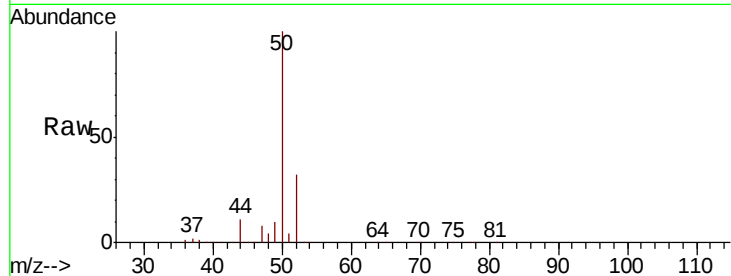
VX0926WBSD01

Tot Ion: 50 Resp: 93414

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



#4

Vinyl Chloride

Concen: 21.473 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004736.D

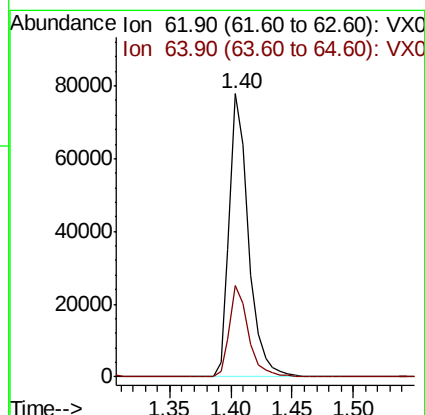
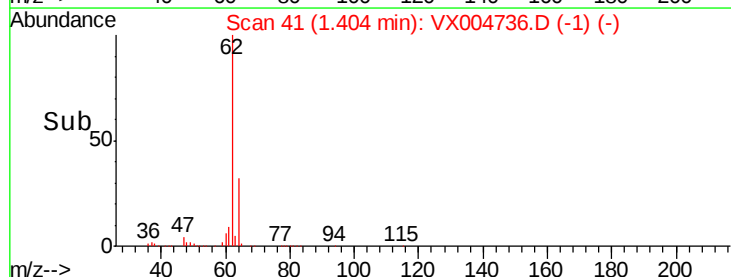
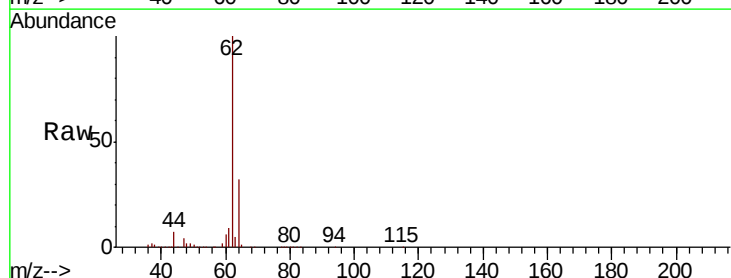
Acq: 26 Sep 2018 19:42

Tgt Ion: 62 Resp: 84771

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 22.931 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

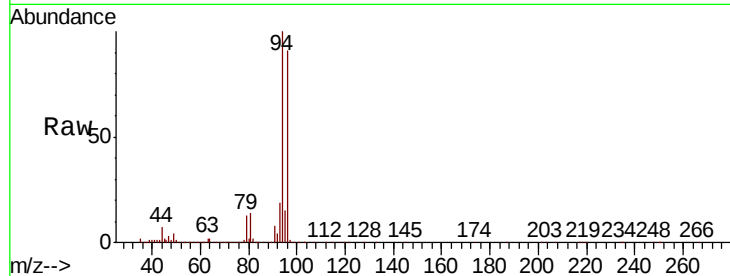
VX0926WBSD01

Tot Ion: 94 Resp: 53681

Ion Ratio Lower Upper

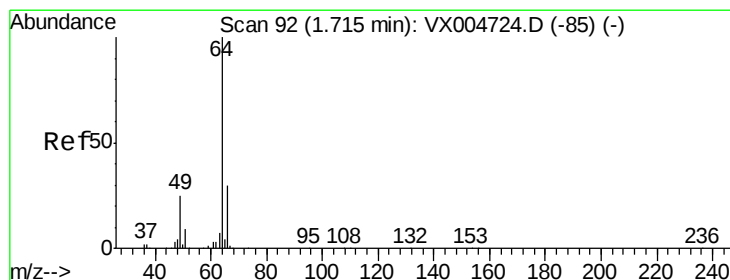
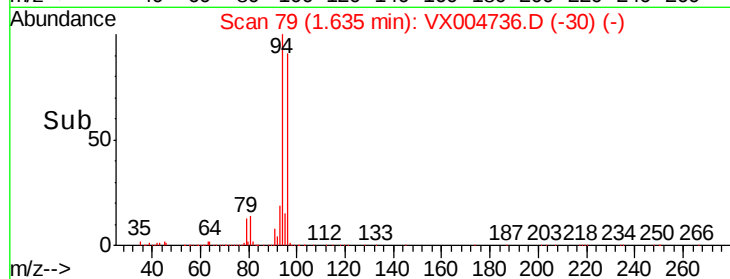
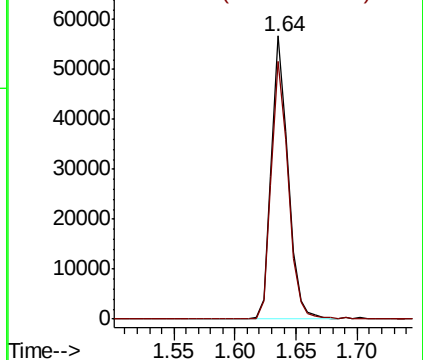
94 100

96 91.2 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: 22.628 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004736.D

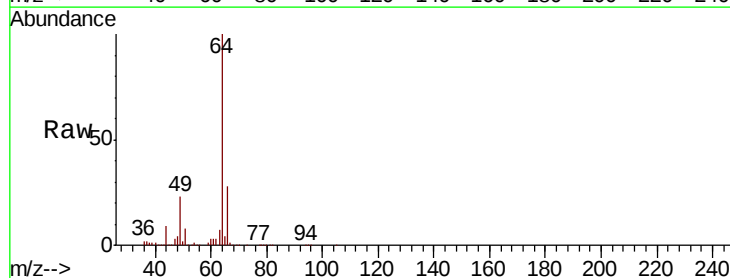
Acq: 26 Sep 2018 19:42

Tgt Ion: 64 Resp: 51425

Ion Ratio Lower Upper

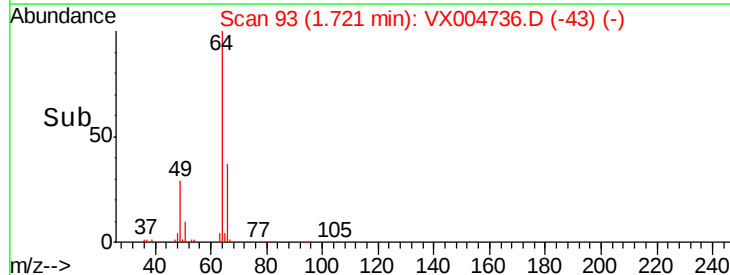
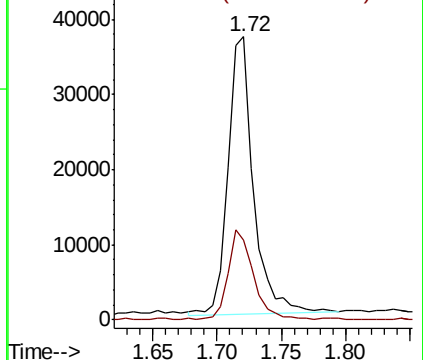
64 100

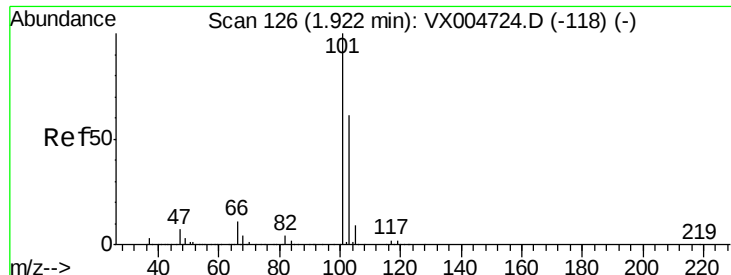
66 28.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



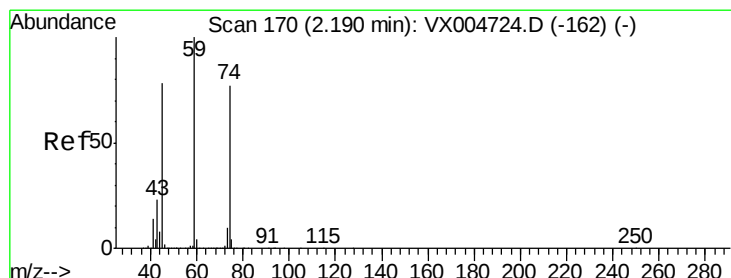
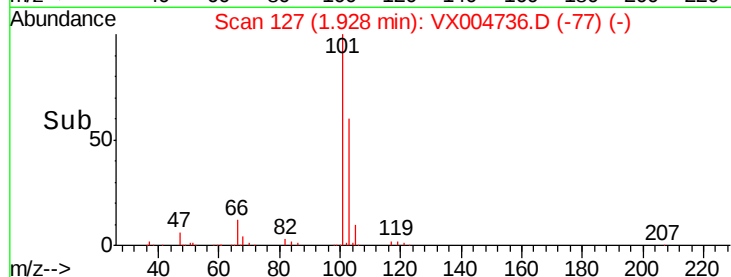
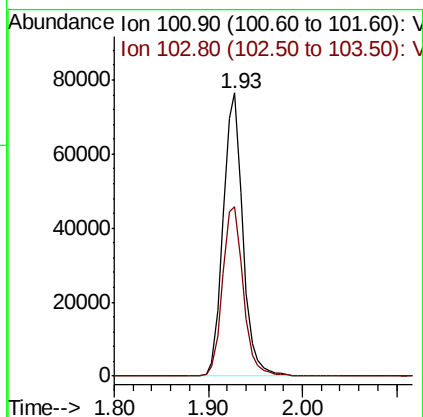
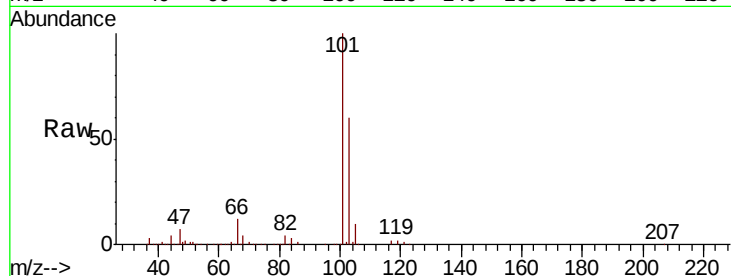


#7

Trichlorofluoromethane
 Concen: 22.632 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

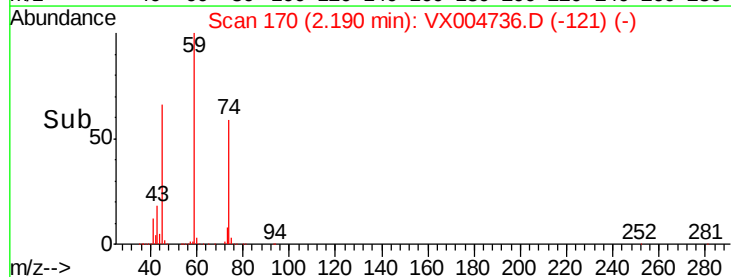
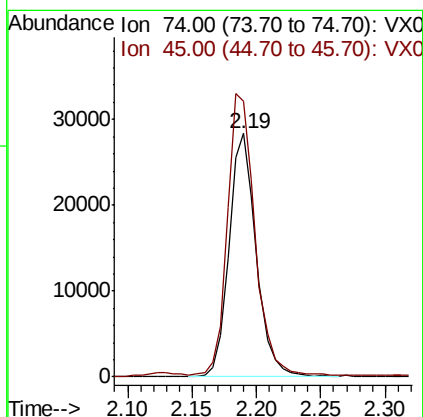
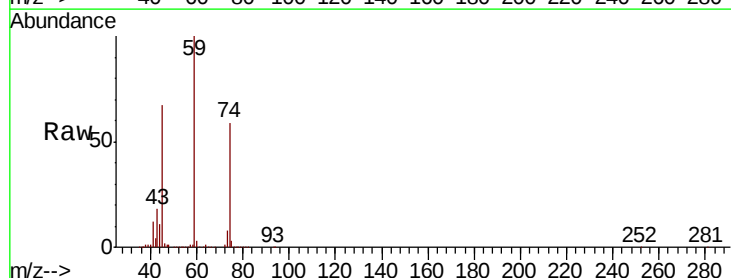
Tot Ion:101 Resp: 110611
 Ion Ratio Lower Upper
 101 100
 103 59.8 48.9 73.3



#8

Diethyl Ether
 Concen: 19.766 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion: 74 Resp: 41968
 Ion Ratio Lower Upper
 74 100
 45 118.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.239 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

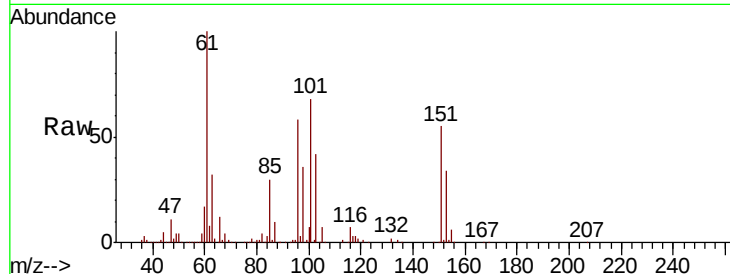
Tot Ion:101 Resp: 59128

Ion Ratio Lower Upper

101 100

85 45.2 34.2 51.4

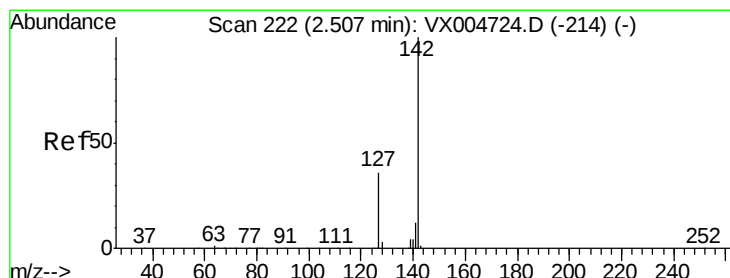
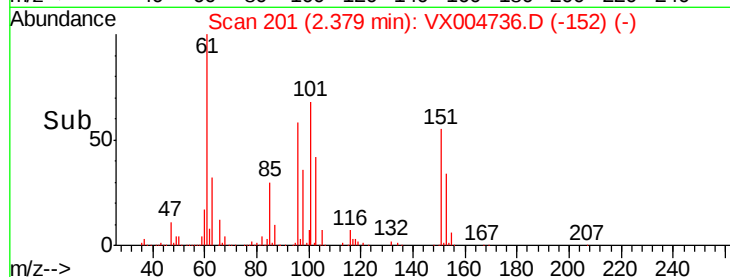
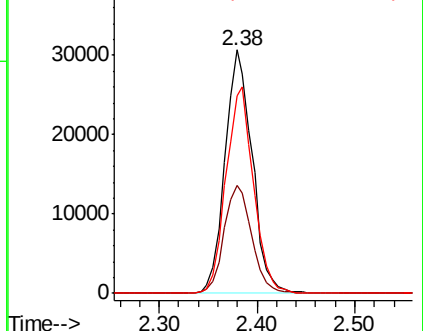
151 85.6 65.0 97.6



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: 20.627 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

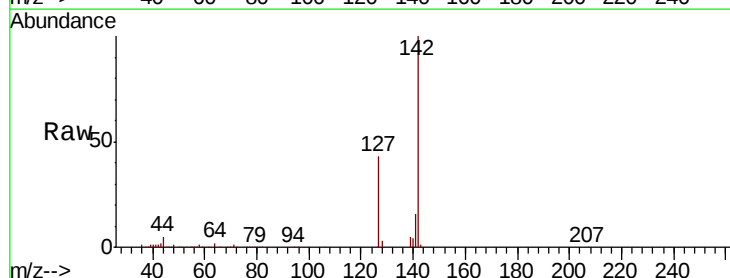
Tgt Ion:142 Resp: 76843

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

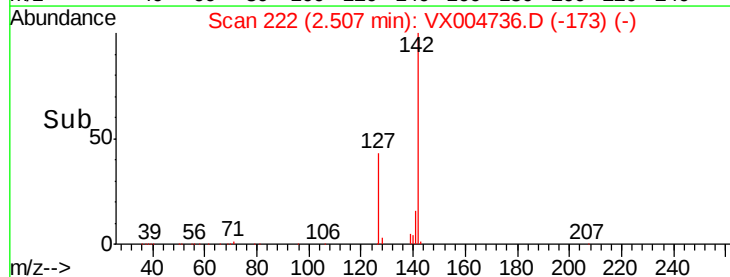
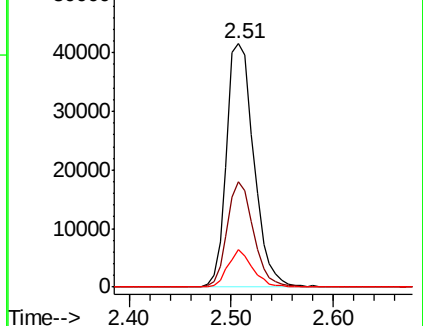
141 14.2 11.4 17.0

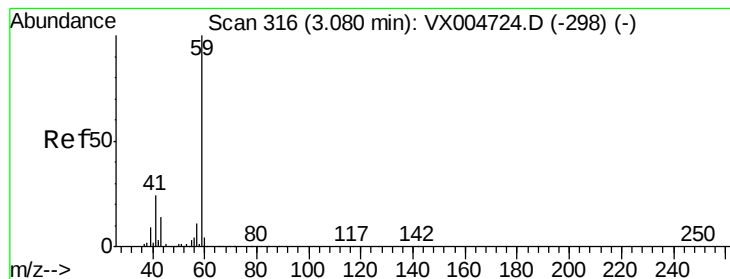


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



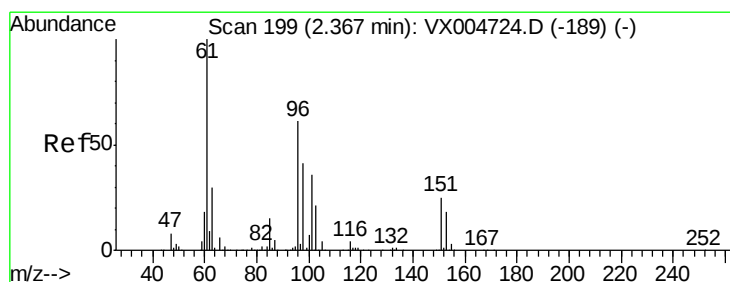
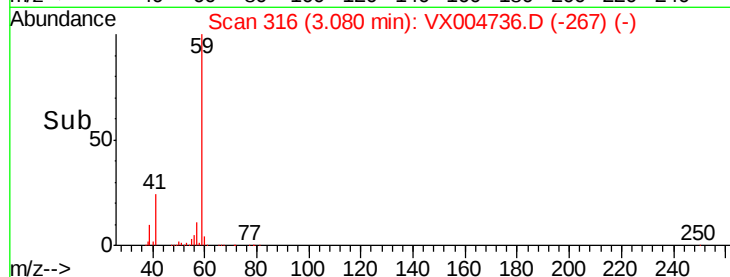
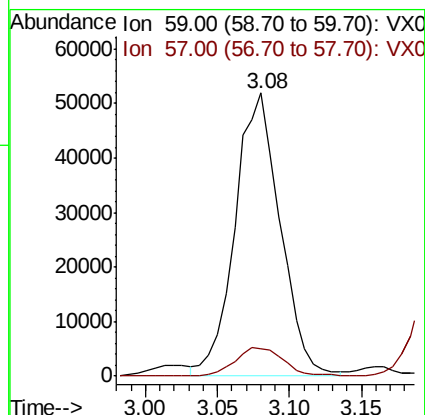
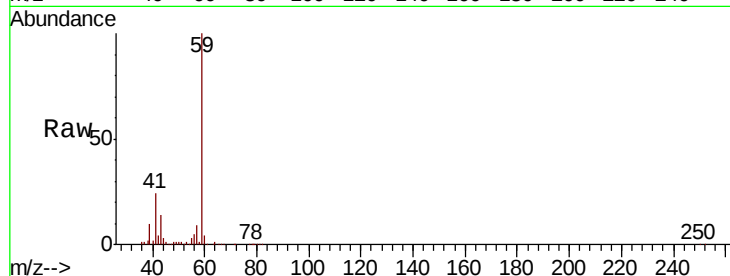


#11

Tert butyl alcohol
 Concen: 111.438 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

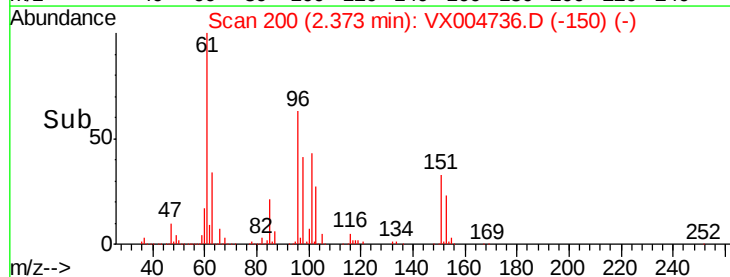
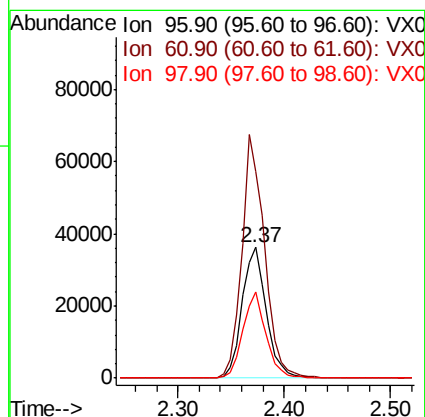
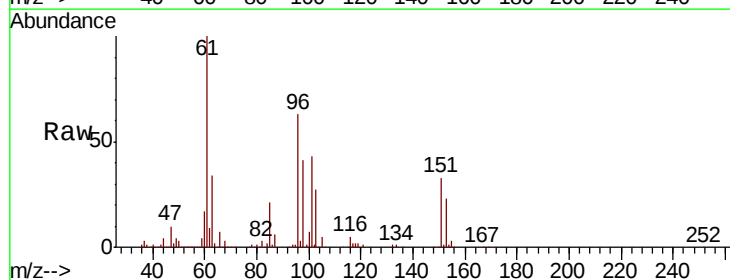
Tot Ion: 59 Resp: 113259
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 20.970 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion: 96 Resp: 57817
 Ion Ratio Lower Upper
 96 100
 61 158.4 128.8 193.2
 98 65.7 52.2 78.2





#13

Acrolein

Concen: 96.145 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

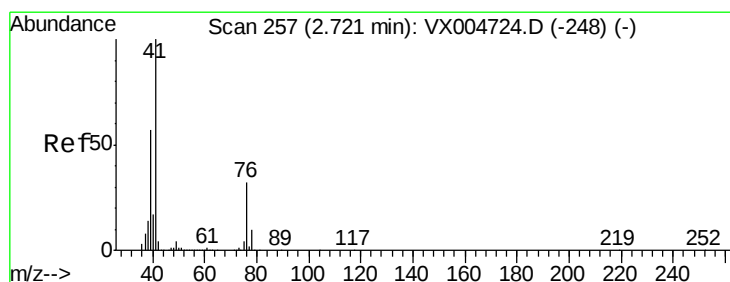
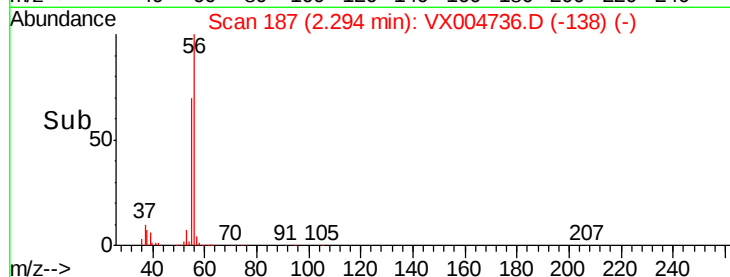
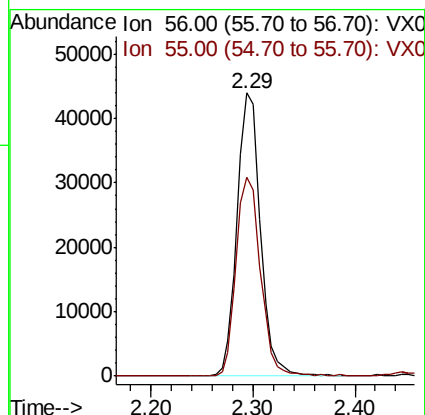
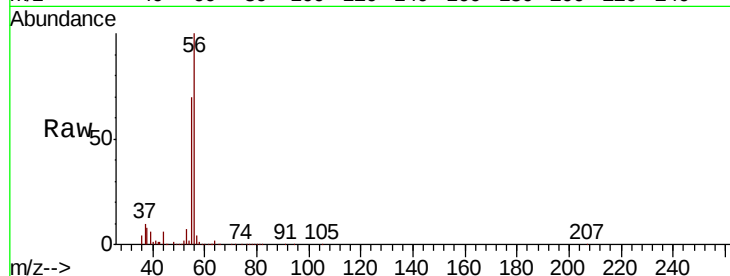
VX0926WBSD01

Tot Ion: 56 Resp: 69525

Ion Ratio Lower Upper

56 100

55 72.5 54.7 82.1



#14

Allyl chloride

Concen: 21.997 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

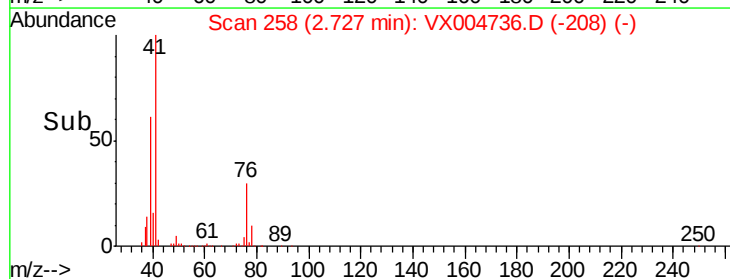
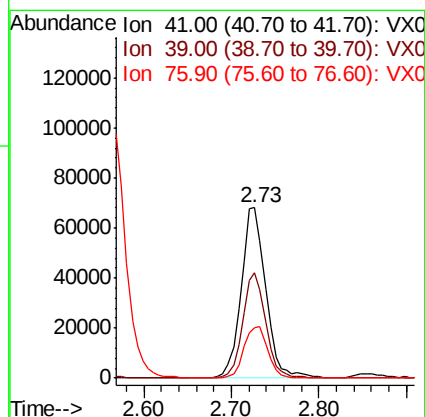
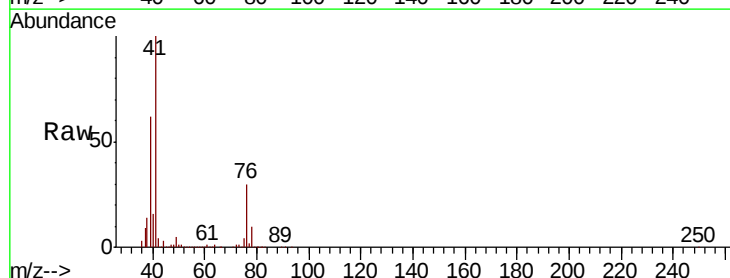
Tgt Ion: 41 Resp: 132327

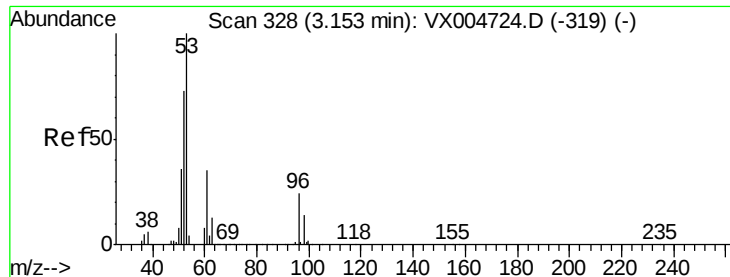
Ion Ratio Lower Upper

41 100

39 57.4 48.9 73.3

76 29.8 26.7 40.1





#15

Acrylonitrile

Concen: 110.469 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

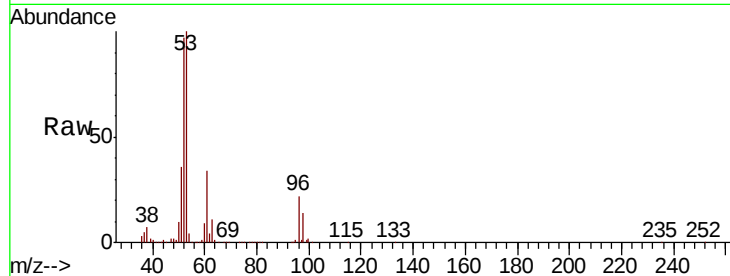
Tot Ion: 53 Resp: 247159

Ion Ratio Lower Upper

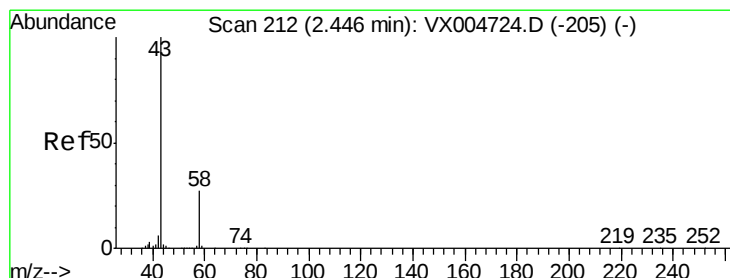
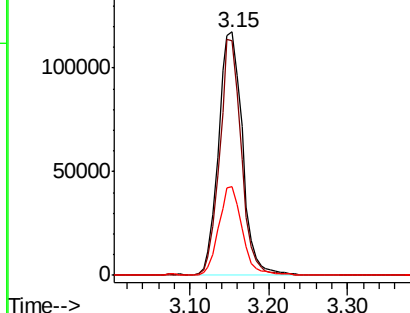
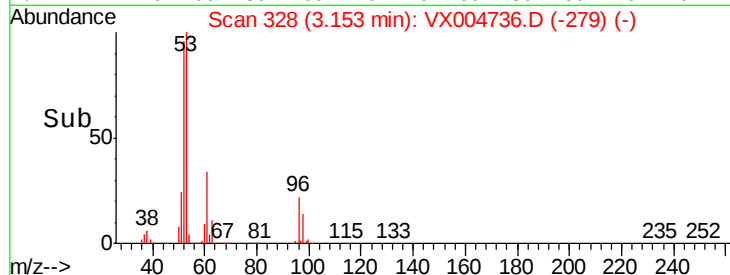
53 100

52 88.0 65.2 97.8

51 35.8 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: 109.119 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX004736.D

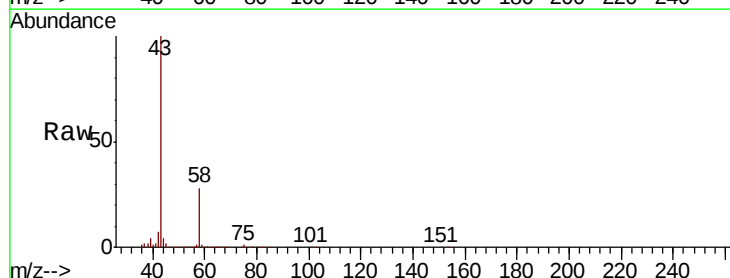
Acq: 26 Sep 2018 19:42

Tgt Ion: 43 Resp: 231561

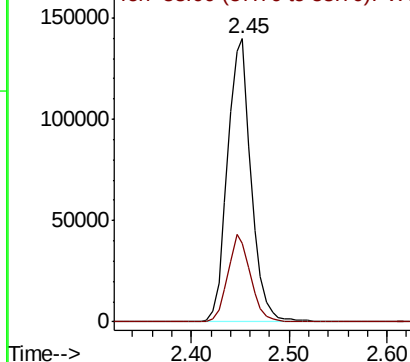
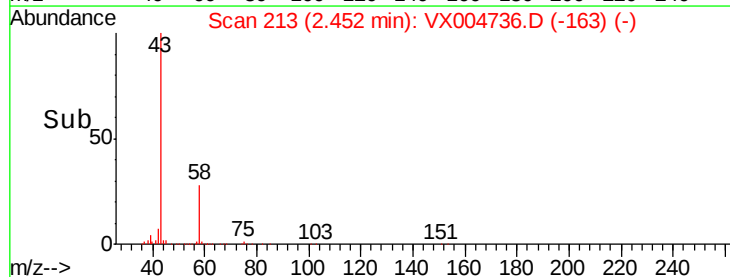
Ion Ratio Lower Upper

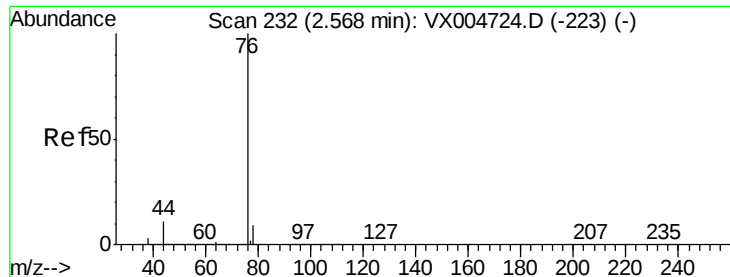
43 100

58 27.8 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: 20.249 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

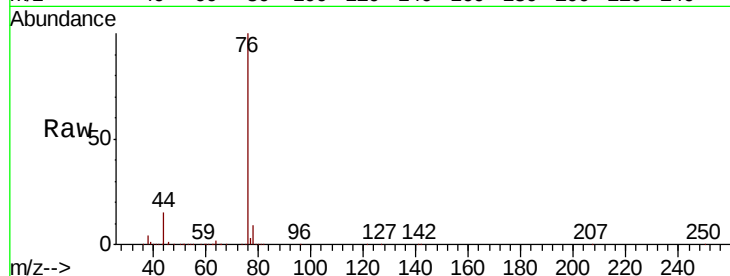
VX0926WBSD01

Tot Ion: 76 Resp: 167755

Ion Ratio Lower Upper

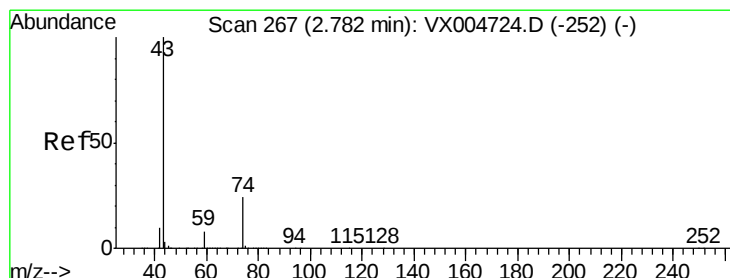
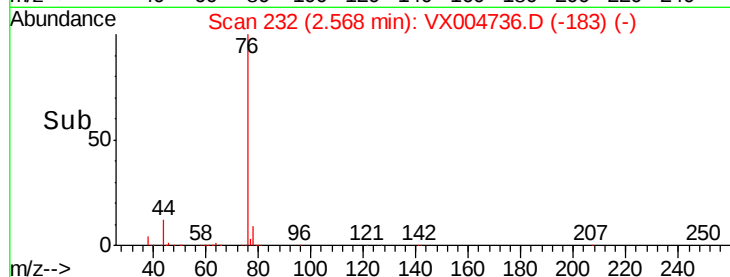
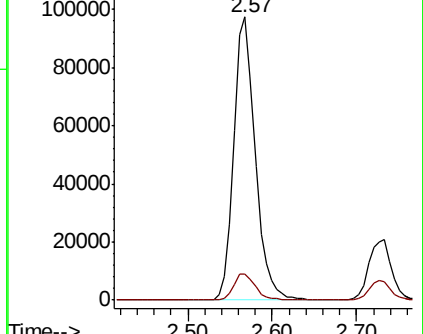
76 100

78 9.1 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: 21.717 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX004736.D

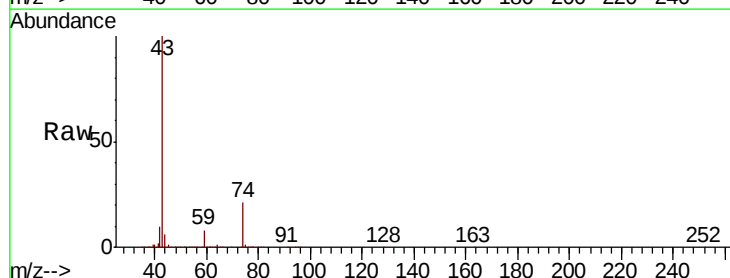
Acq: 26 Sep 2018 19:42

Tgt Ion: 43 Resp: 116763

Ion Ratio Lower Upper

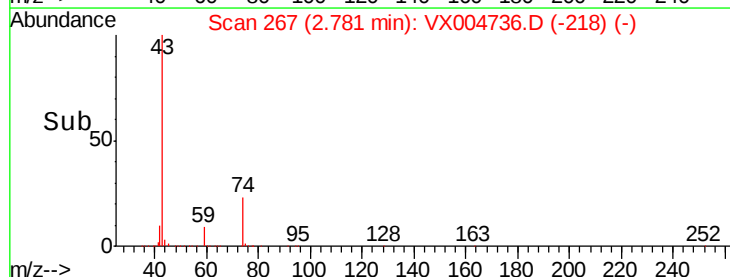
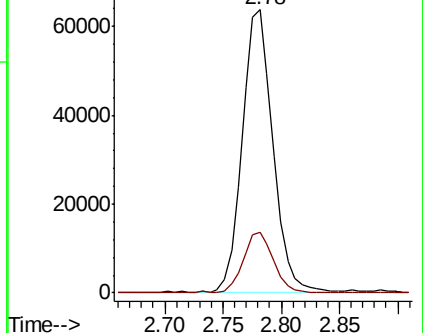
43 100

74 20.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

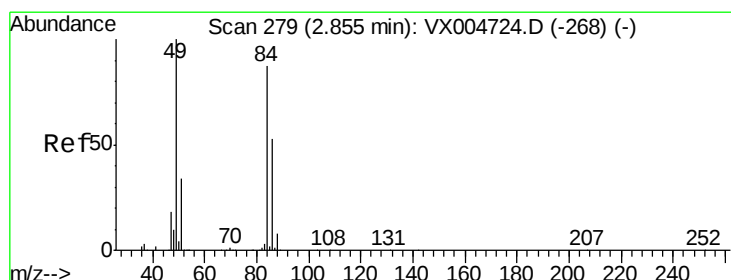
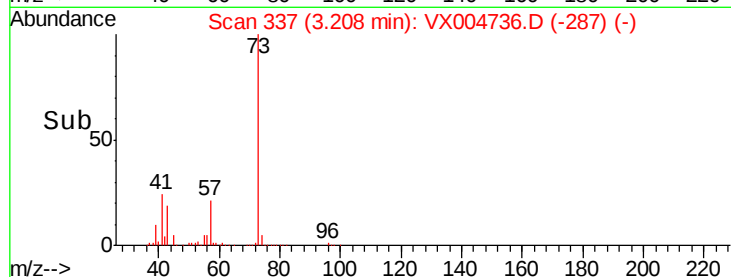
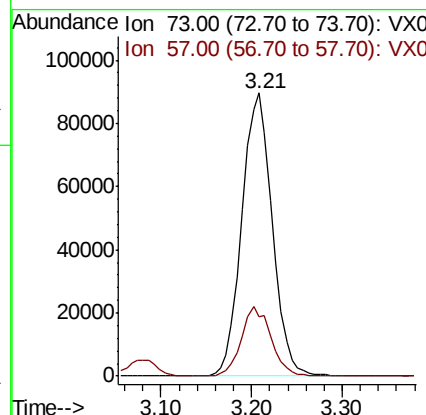
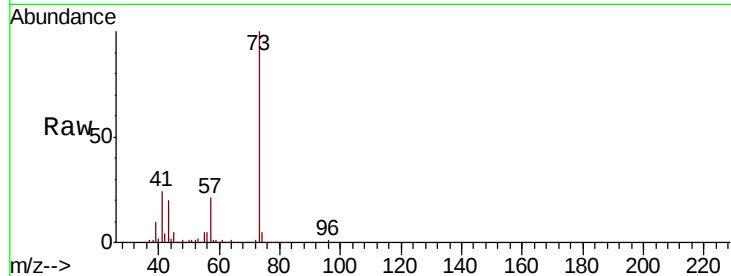




#19
Methyl tert-butyl Ether
Concen: 21.925 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

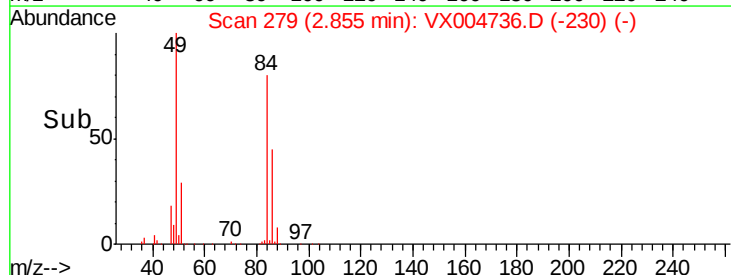
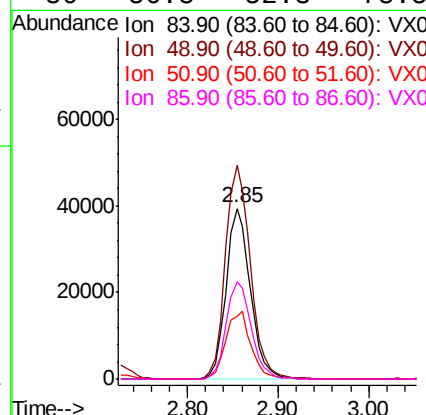
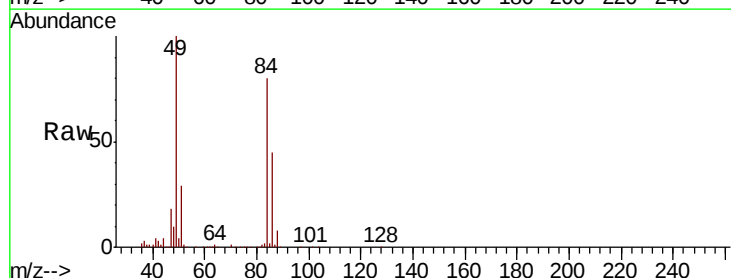
Instrument :
MSVOA_X
ClientSampleID :
VX0926WBSD01

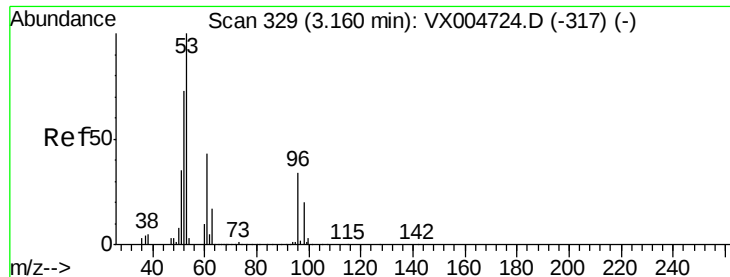
Tot Ion: 73 Resp: 208507
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



#20
Methylene Chloride
Concen: 23.398 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion: 84 Resp: 73571
Ion Ratio Lower Upper
84 100
49 125.1 101.2 151.8
51 36.5 29.5 44.3
86 56.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.574 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

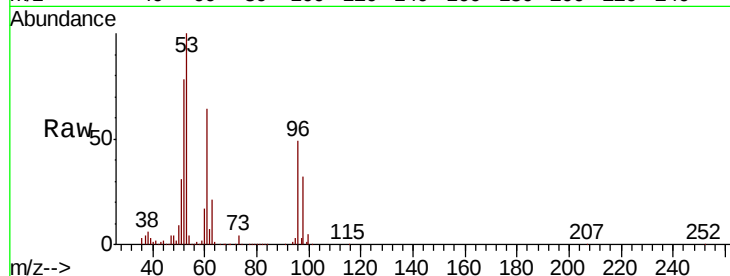
Tot Ion: 96 Resp: 65114

Ion Ratio Lower Upper

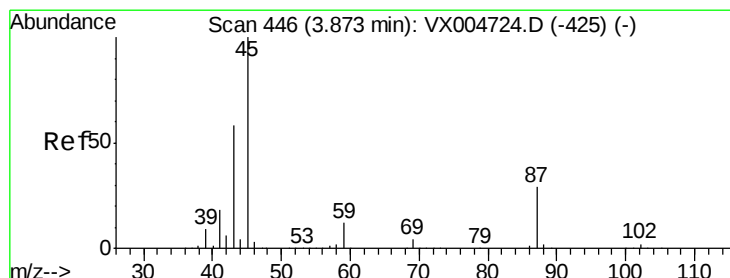
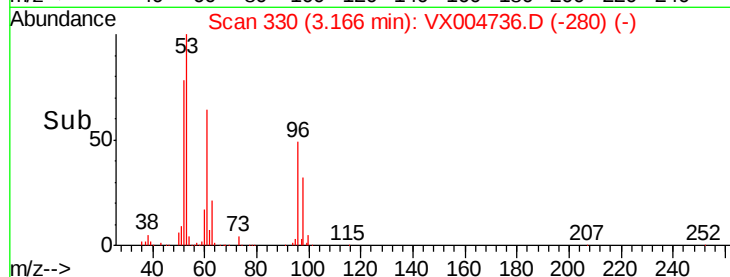
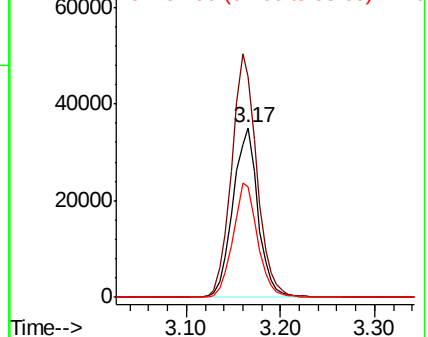
96 100

61 129.3 113.8 170.6

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: 22.783 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Tgt Ion: 45 Resp: 230789

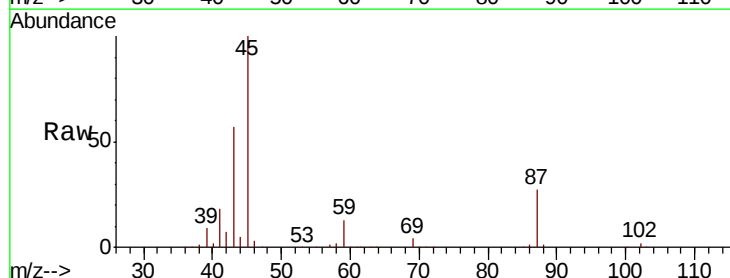
Ion Ratio Lower Upper

45 100

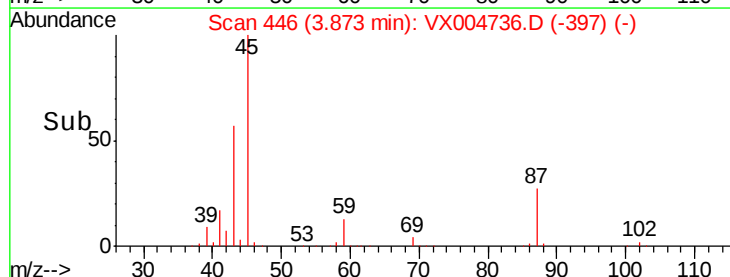
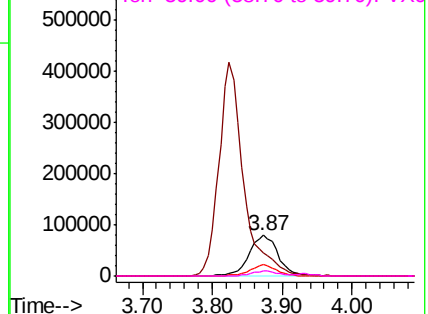
43 56.7 42.8 64.2

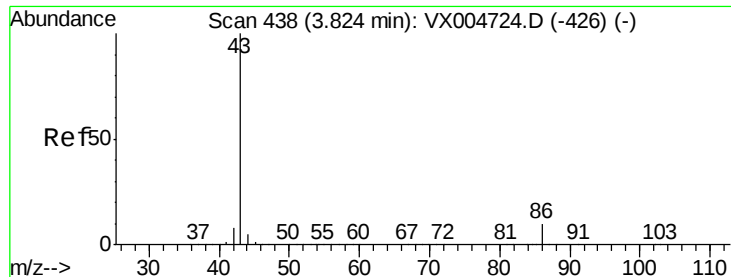
87 26.8 22.6 34.0

59 12.6 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: 111.291 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

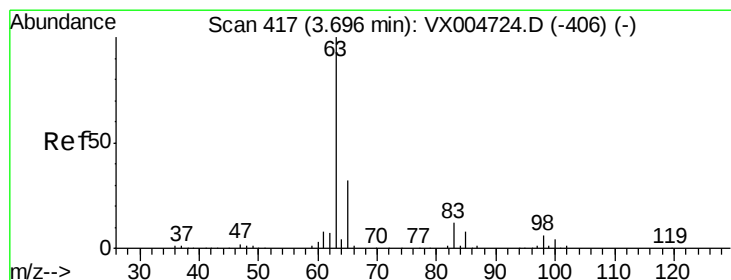
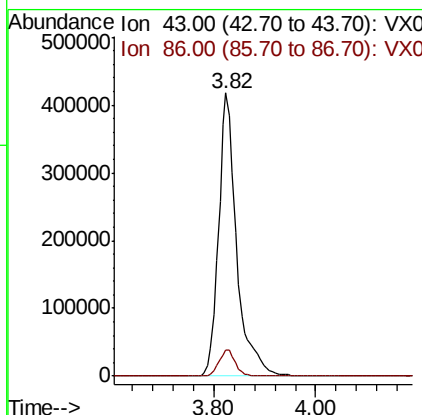
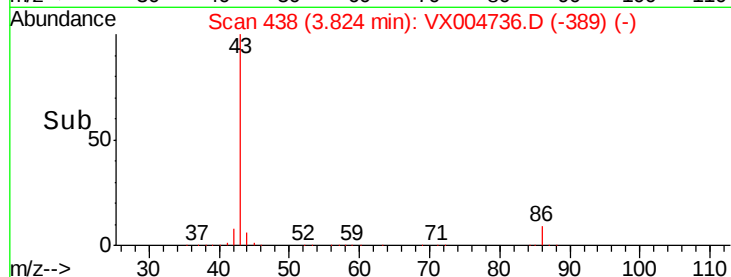
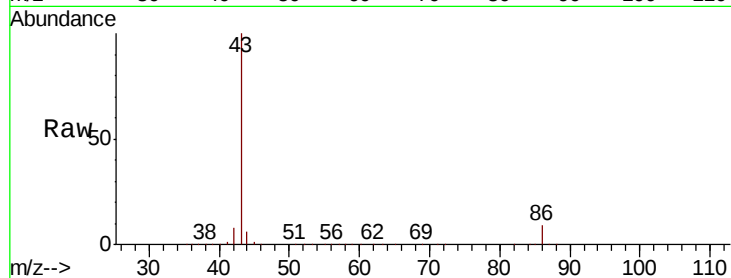
VX0926WBSD01

Tot Ion: 43 Resp: 1031953

Ion Ratio Lower Upper

43 100

86 9.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.158 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

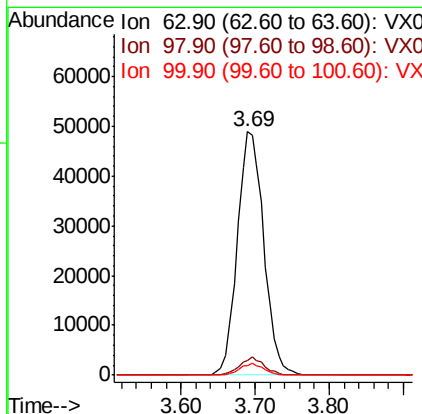
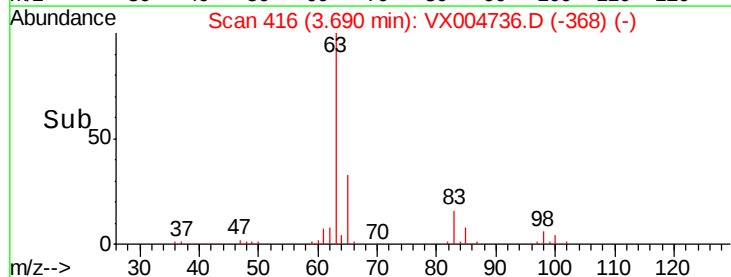
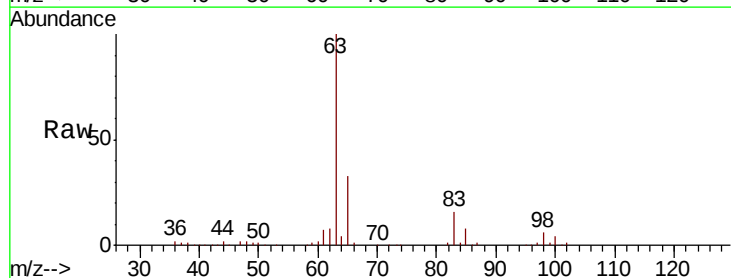
Tgt Ion: 63 Resp: 121809

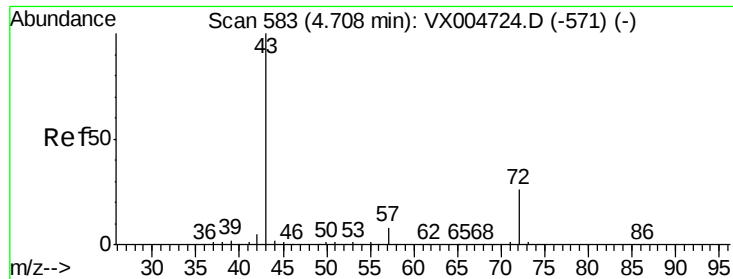
Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.4

100 3.8 2.4 7.1





#25

2-Butanone

Concen: 112.053 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

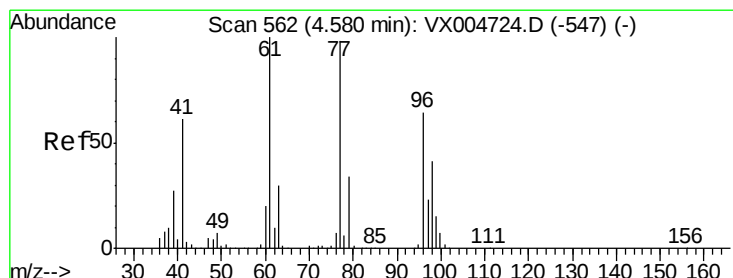
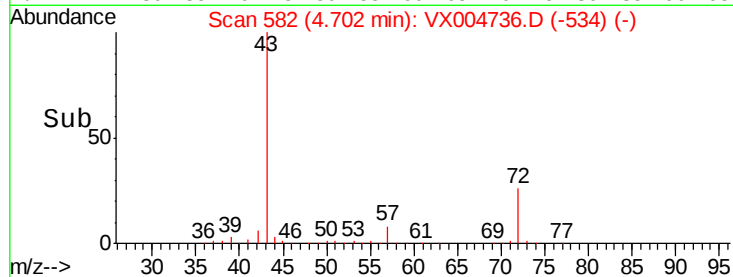
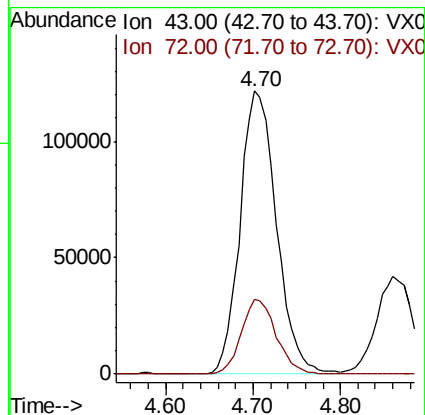
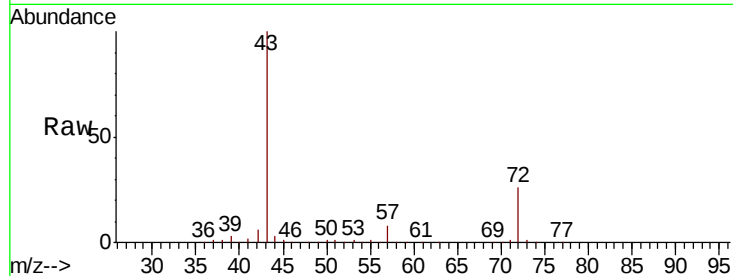
VX0926WBSD01

Tot Ion: 43 Resp: 350508

Ion Ratio Lower Upper

43 100

72 26.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 21.842 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004736.D

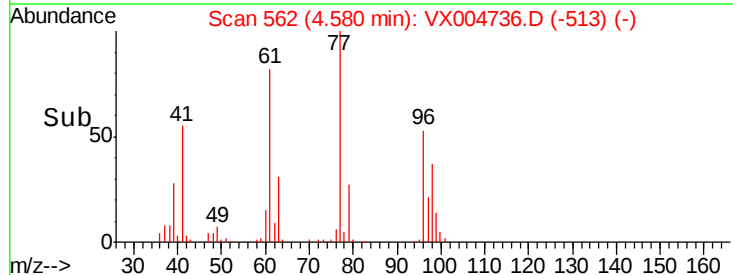
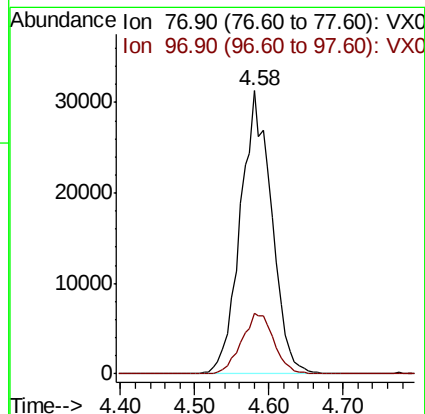
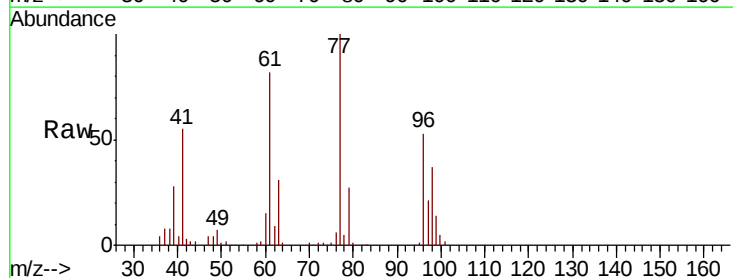
Acq: 26 Sep 2018 19:42

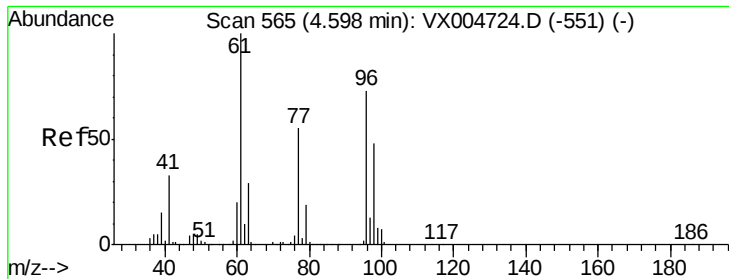
Tgt Ion: 77 Resp: 91907

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0



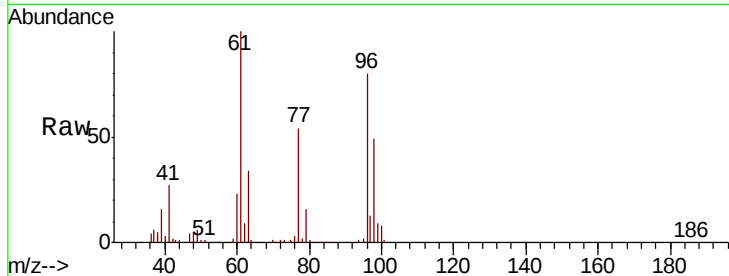


#27

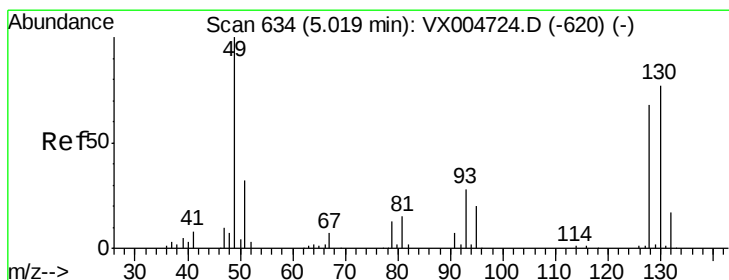
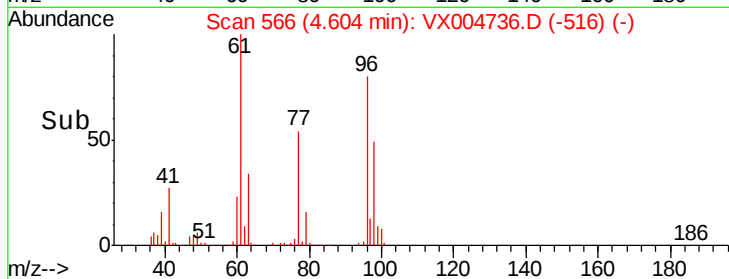
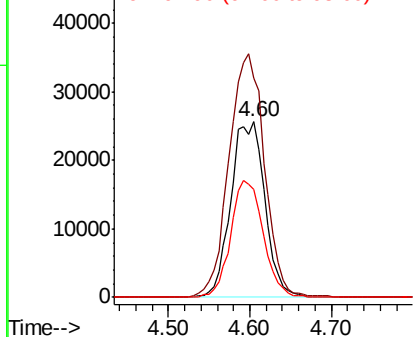
cis-1,2-Dichloroethene
 Concen: 21.866 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion: 96 Resp: 73724
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 282.6
 98 63.9 0.0 130.2



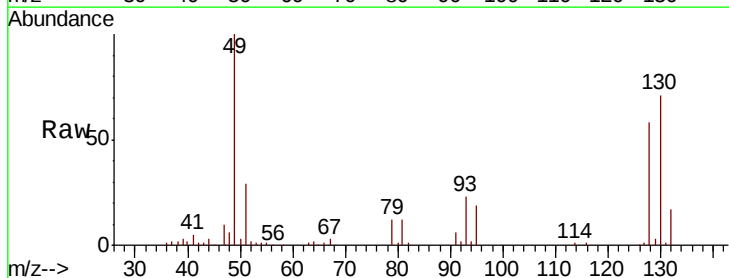
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



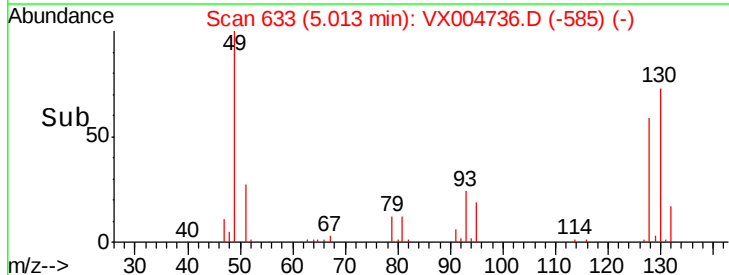
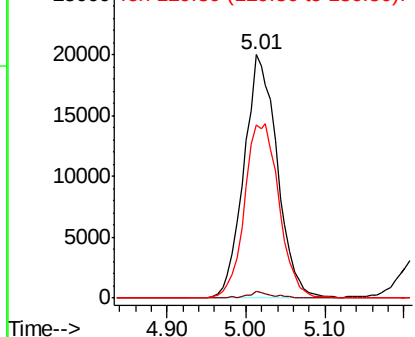
#28

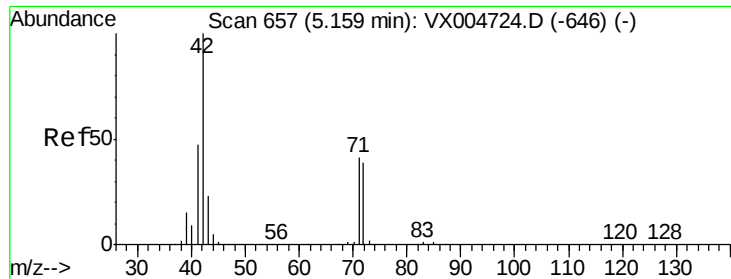
Bromochloromethane
 Concen: 20.676 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion: 49 Resp: 58834
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.2 67.5 101.3



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

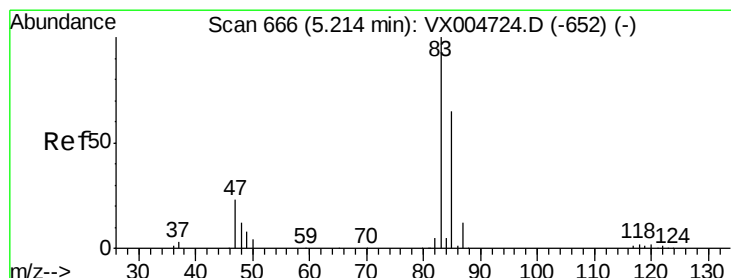
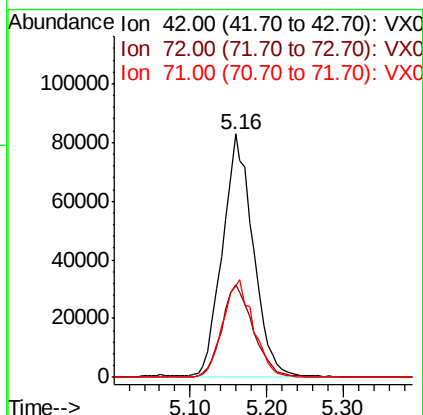
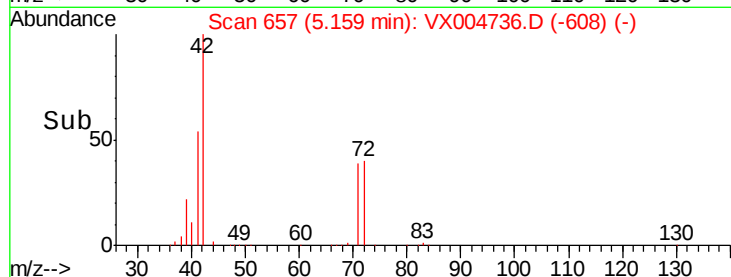
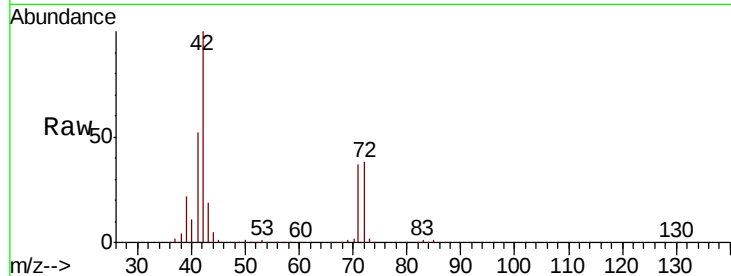




#29
Tetrahydrofuran
Concen: 117.596 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

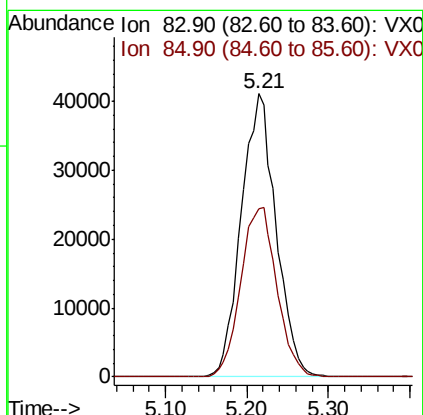
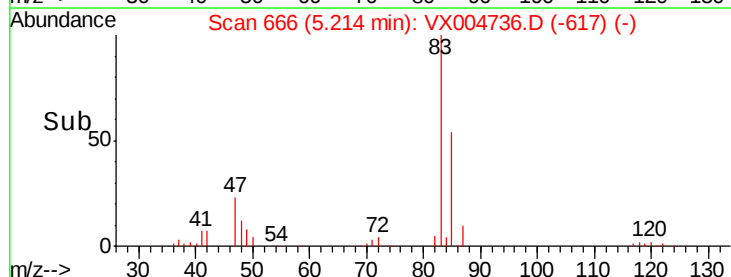
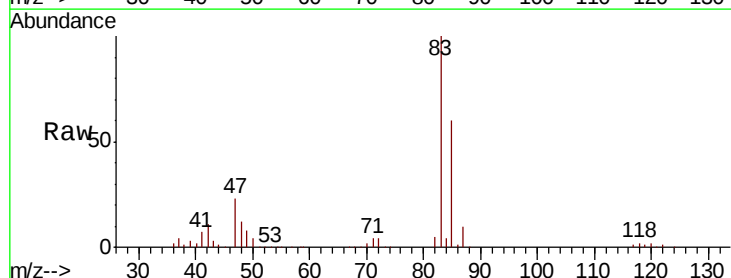
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

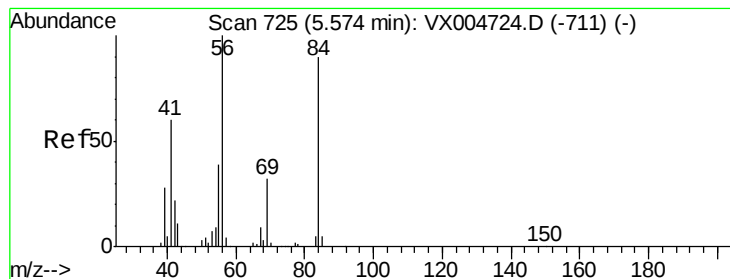
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	37.4	56.0
71	40.1	34.5	51.7



#30
Chloroform
Concen: 21.306 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.6	52.6	79.0





#31

Cyclohexane

Concen: 23.329 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

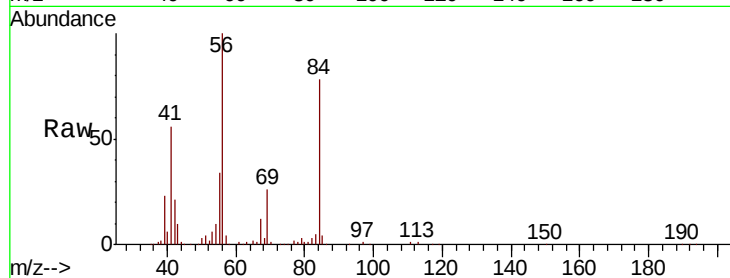
Tot Ion: 56 Resp: 107893

Ion Ratio Lower Upper

56 100

69 25.8 25.4 38.2

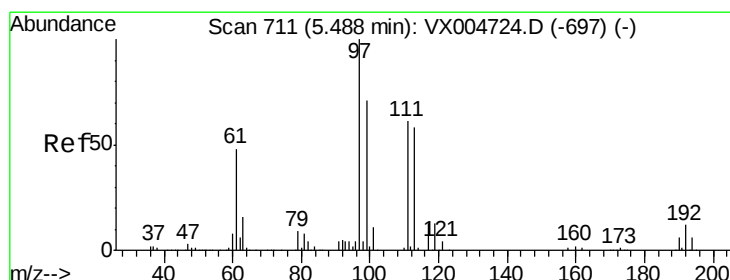
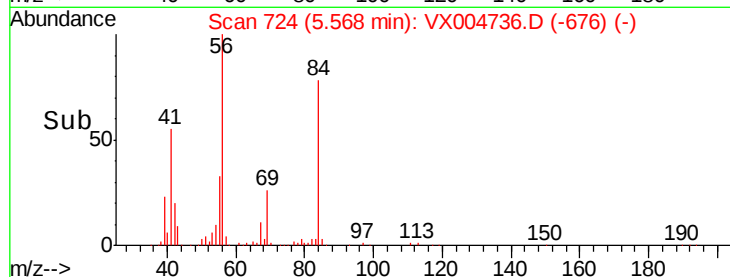
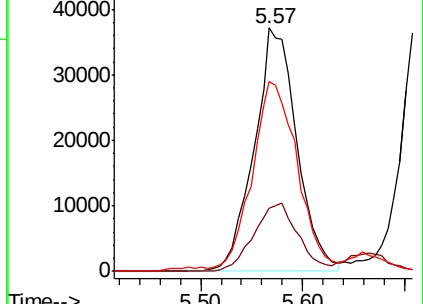
84 76.5 71.4 107.2



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: 21.533 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

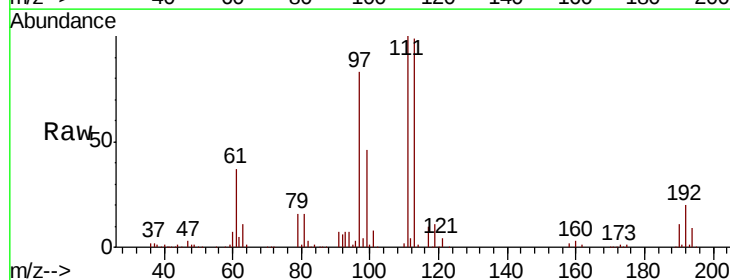
Tgt Ion: 97 Resp: 100427

Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

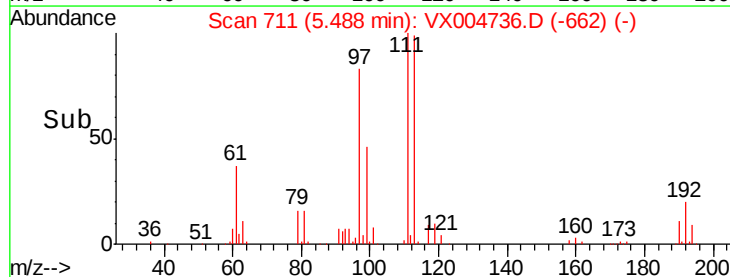
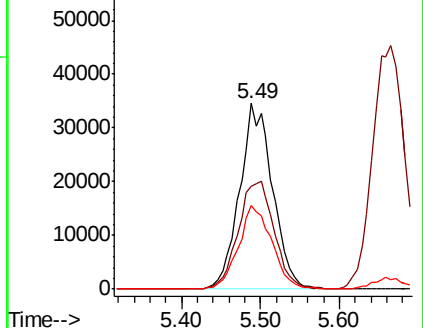
61 45.5 34.9 52.3

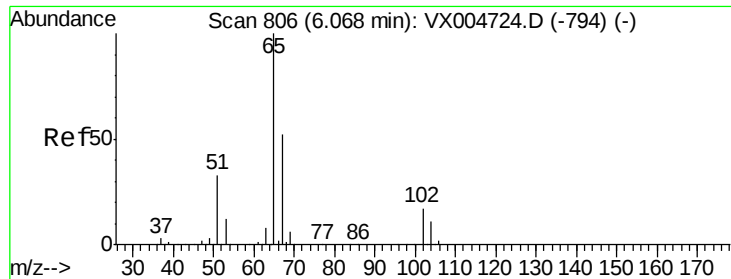


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

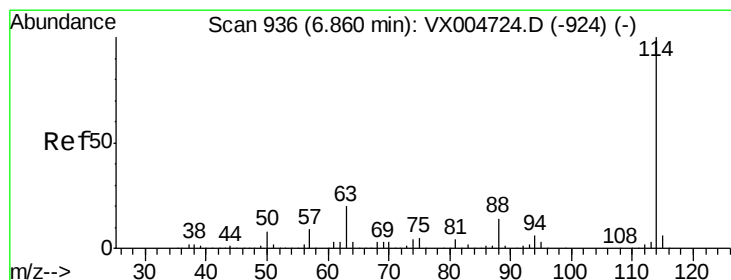
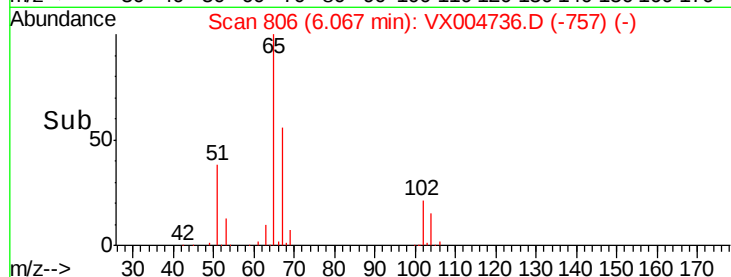
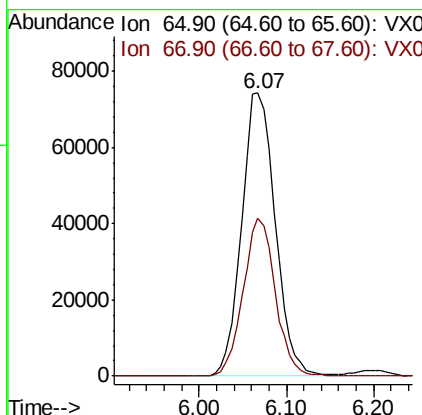
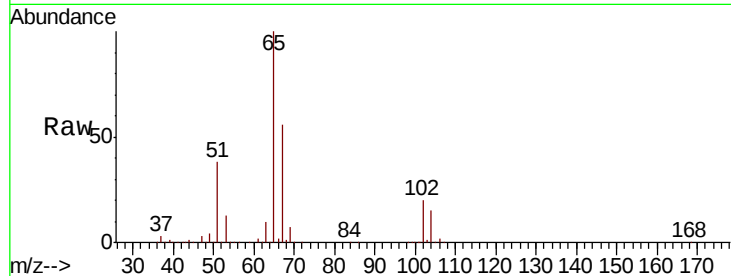




#33
 1,2-Dichloroethane-d4
 Concen: 54.675 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

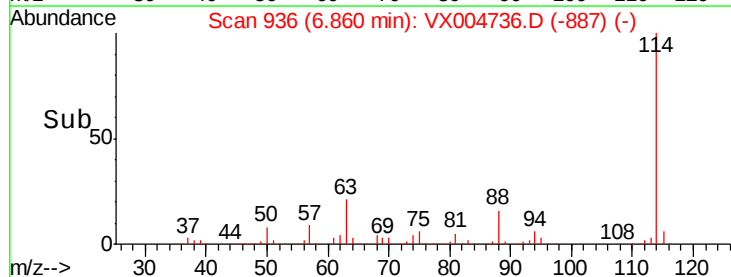
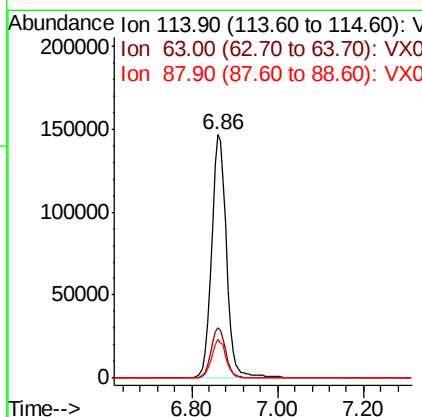
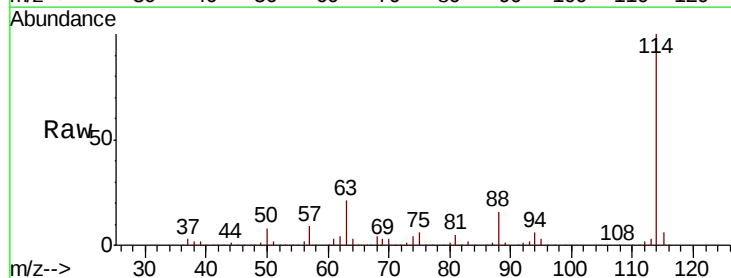
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion: 65 Resp: 198735
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion: 114 Resp: 360114
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.568 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

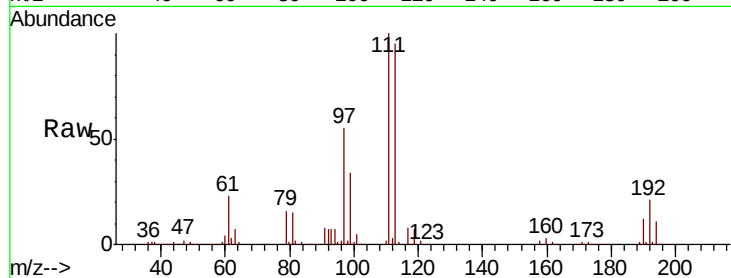
Tot Ion:113 Resp: 160437

Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

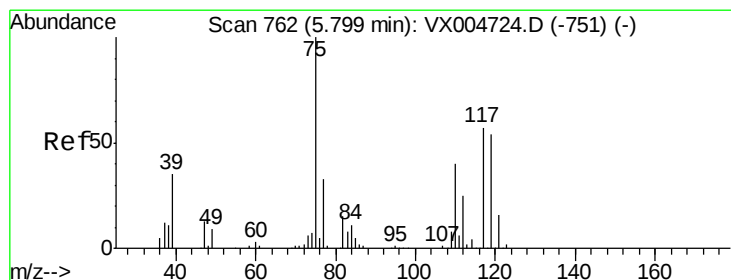
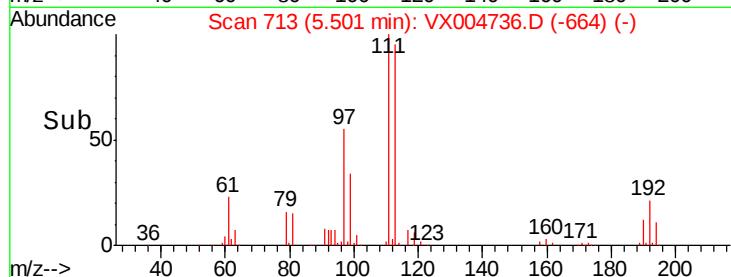
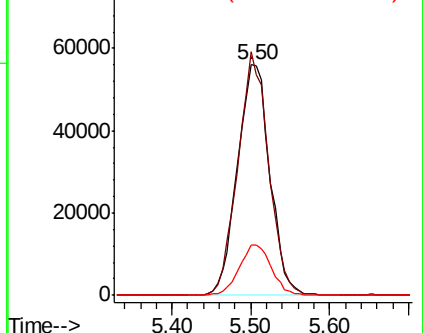
192 21.7 19.4 29.2



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: 20.638 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

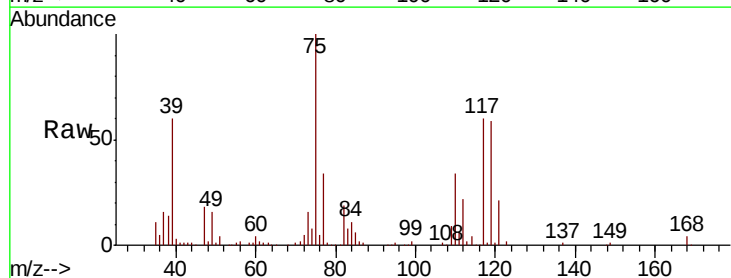
Tgt Ion: 75 Resp: 85939

Ion Ratio Lower Upper

75 100

110 36.2 18.0 54.0

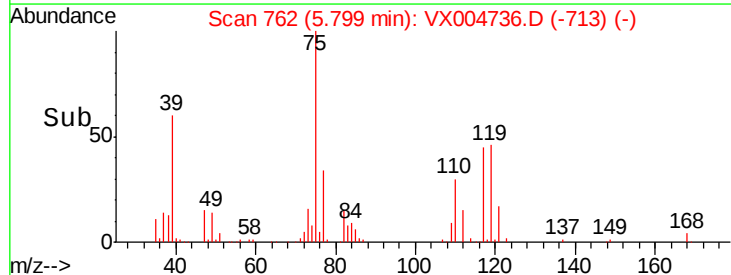
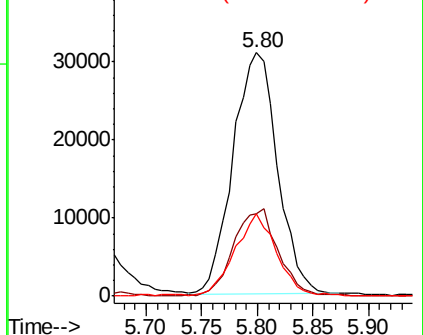
77 31.5 24.6 36.8

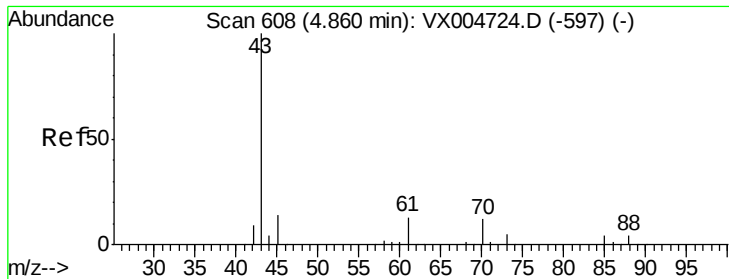


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 22.417 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

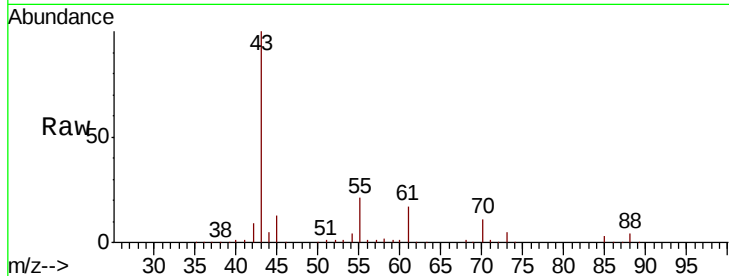
Tot Ion: 43 Resp: 123906

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

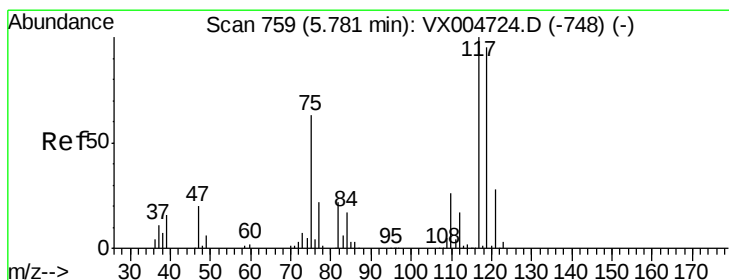
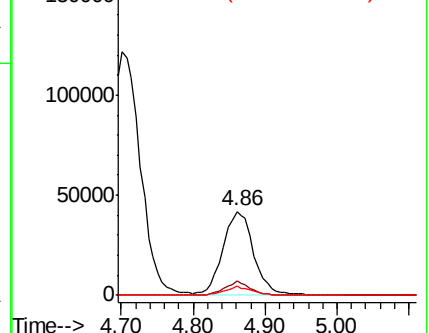
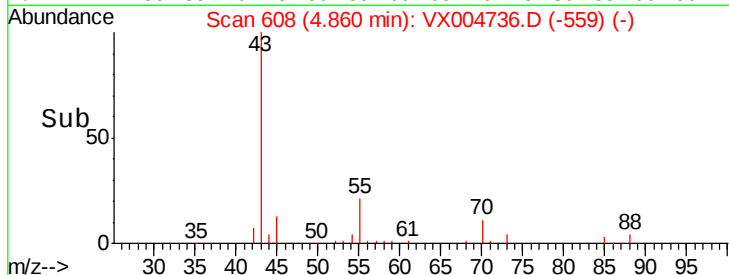
70 10.0 9.0 13.6



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: 19.381 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

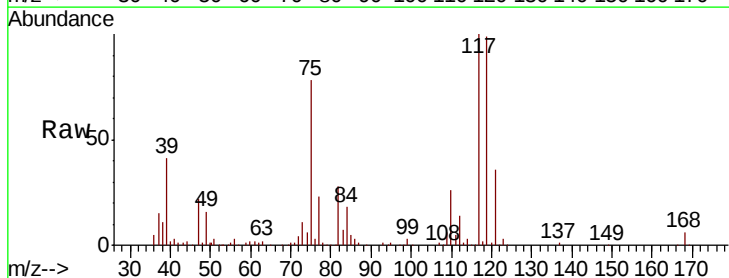
Tgt Ion: 117 Resp: 84836

Ion Ratio Lower Upper

117 100

119 99.5 78.8 118.2

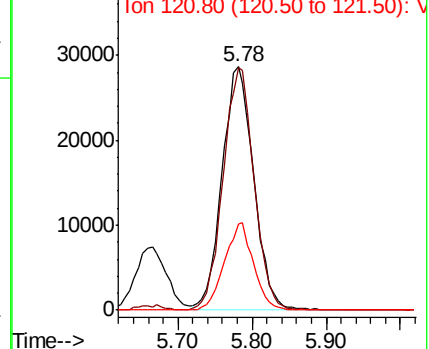
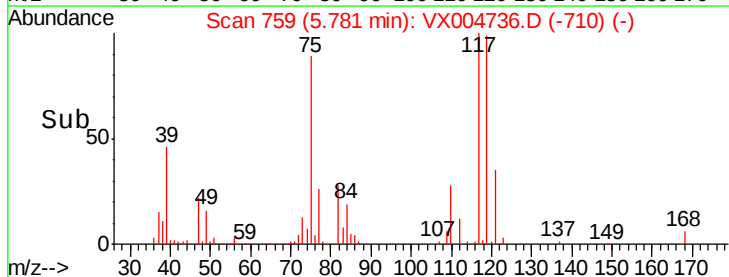
121 35.6 24.9 37.3

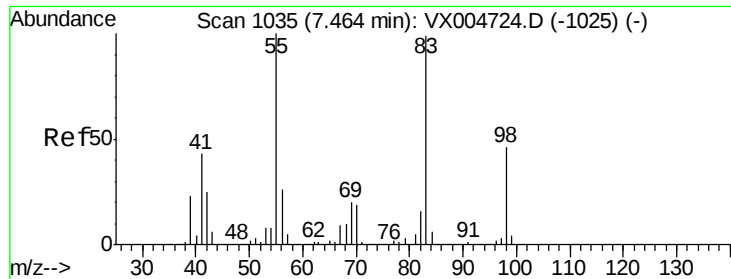


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

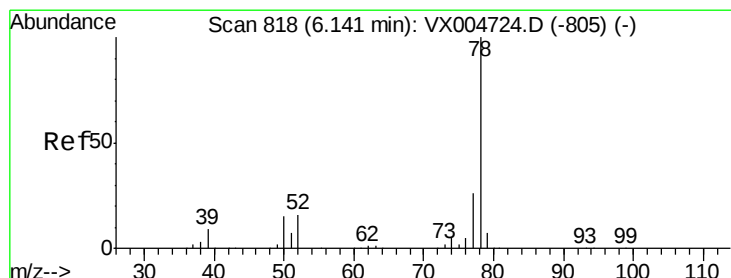
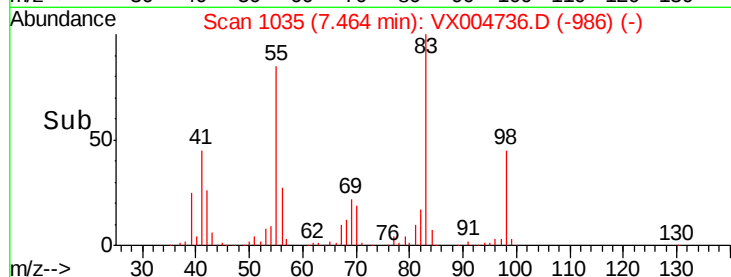
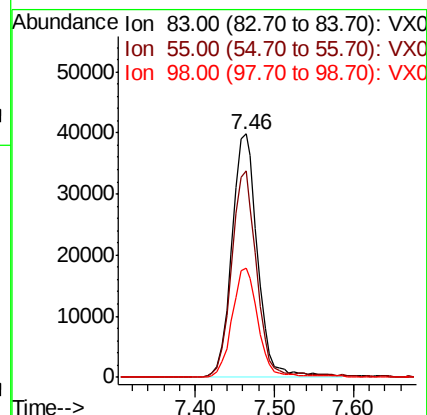
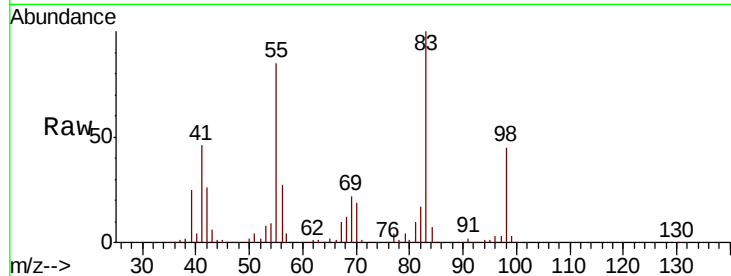




#39
Methvlcvclohexane
Concen: 21.268 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

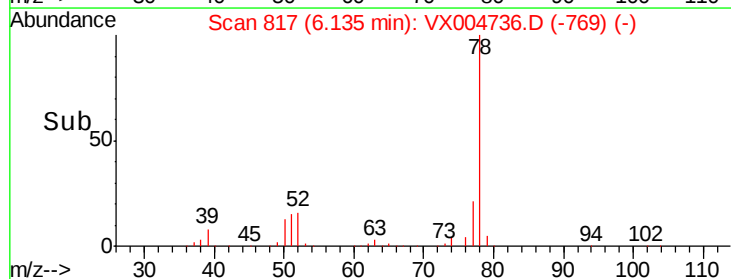
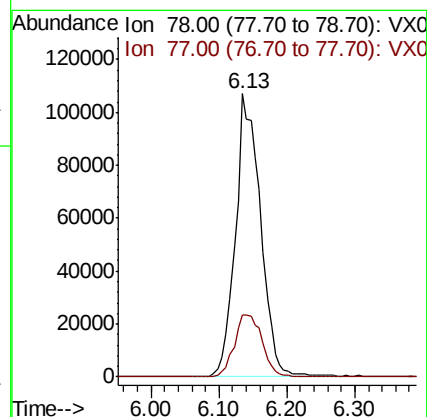
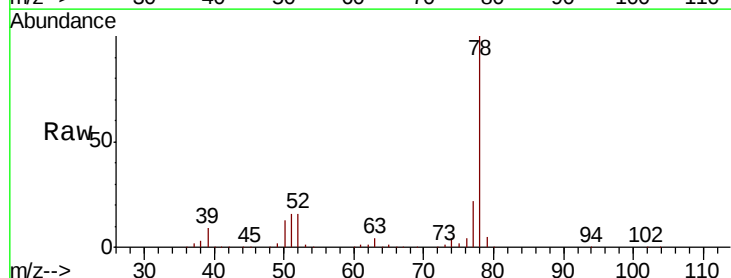
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

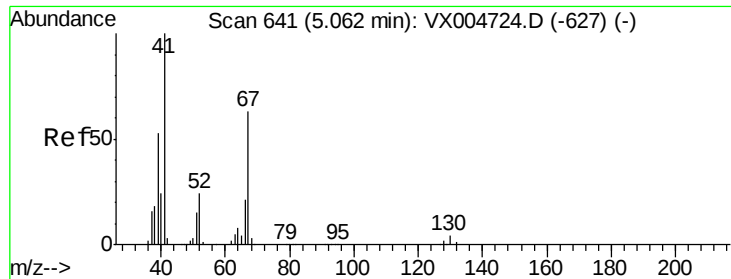
Tot Ion: 83 Resp: 90433
Ion Ratio Lower Upper
83 100
55 84.5 61.0 91.4
98 44.8 39.6 59.4



#40
Benzene
Concen: 21.096 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion: 78 Resp: 275011
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.4

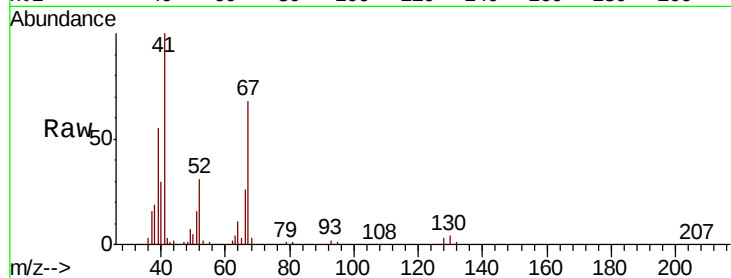




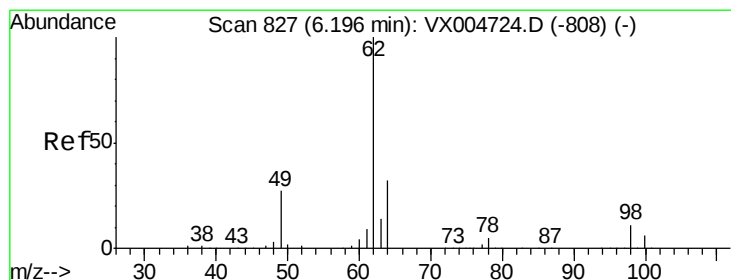
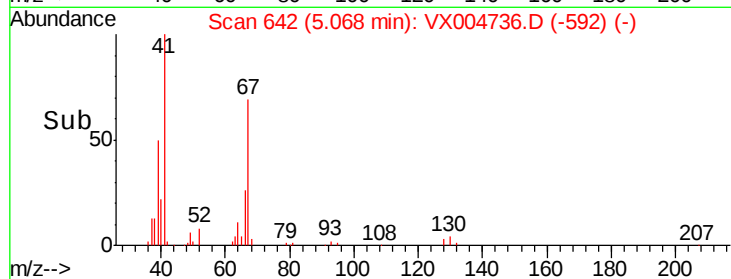
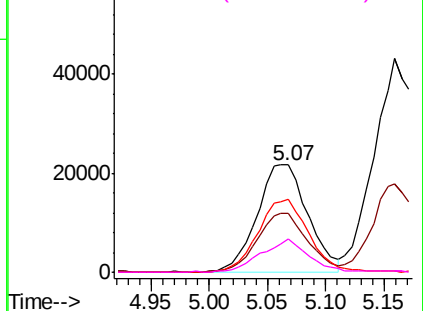
#41
Methacrylonitrile
Concen: 21.168 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion:	41	Resp:	64889
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.4	63.6
67	68.4	59.2	88.8
52	29.2	23.0	34.4

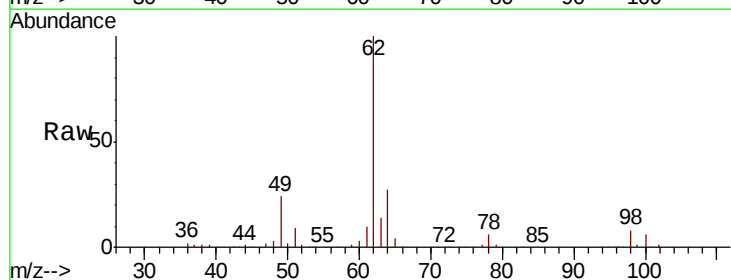


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

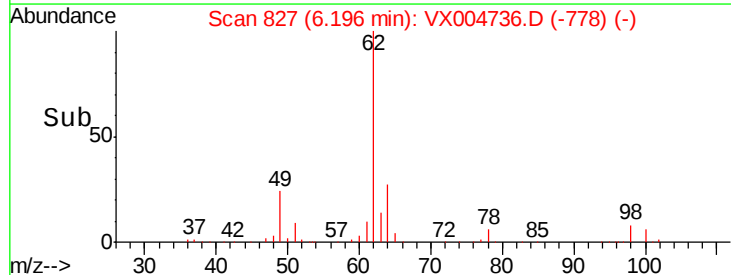
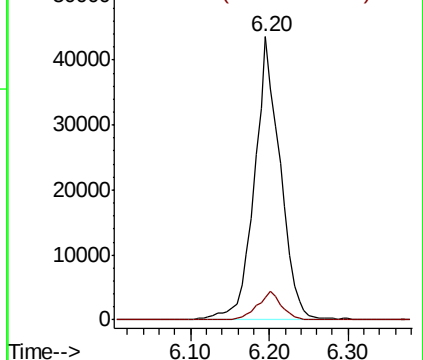


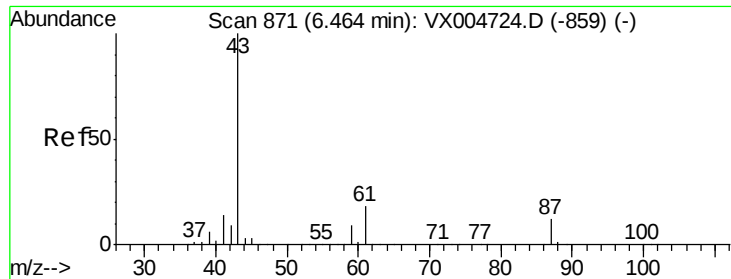
#42
1,2-Dichloroethane
Concen: 21.215 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion:	62	Resp:	97771
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 21.720 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

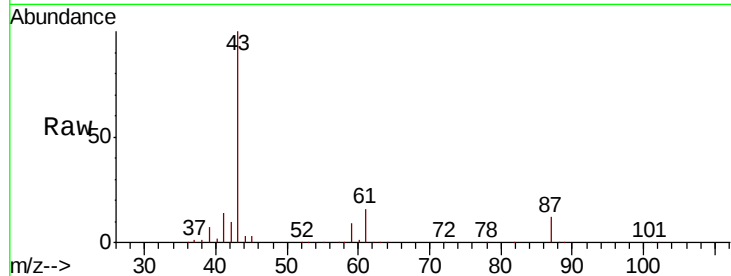
Tot Ion: 43 Resp: 173284

Ion Ratio Lower Upper

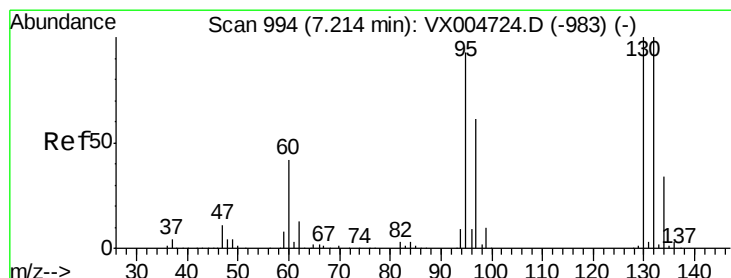
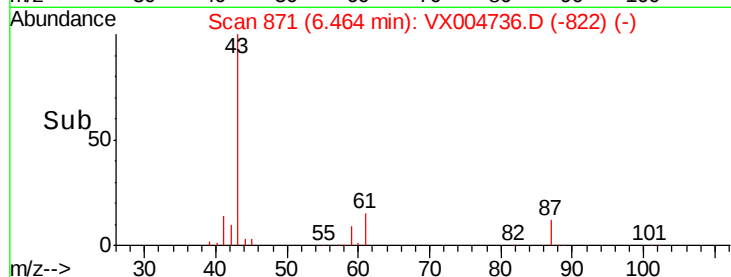
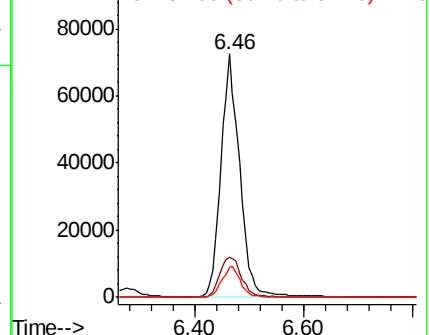
43 100

61 19.1 17.0 25.4

87 12.5 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: 21.055 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004736.D

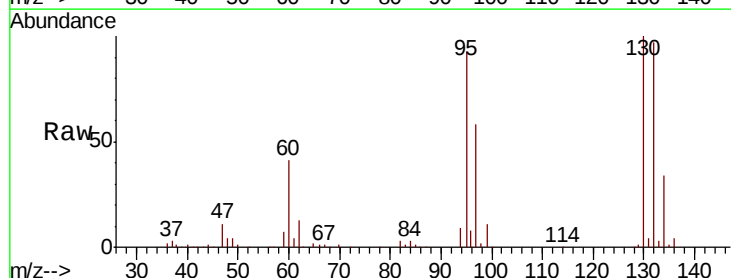
Acq: 26 Sep 2018 19:42

Tgt Ion:130 Resp: 67477

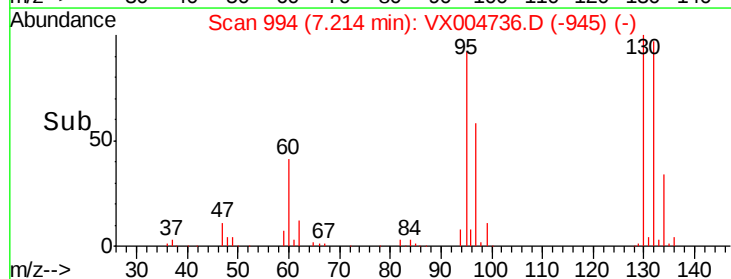
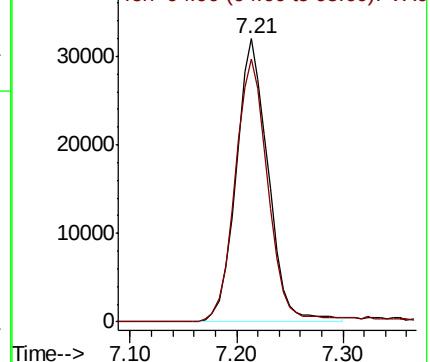
Ion Ratio Lower Upper

130 100

95 92.9 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: 20.983 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

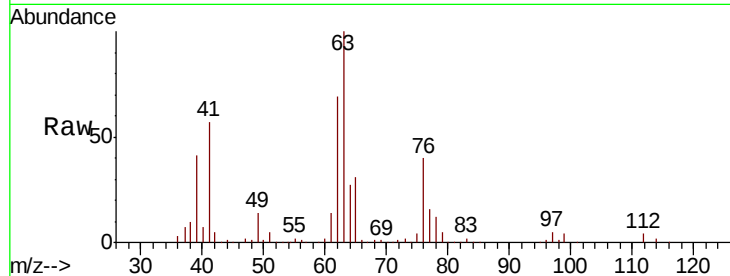
VX0926WBSD01

Tot Ion: 63 Resp: 67082

Ion Ratio Lower Upper

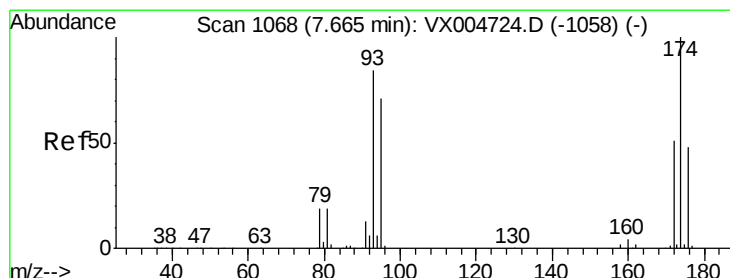
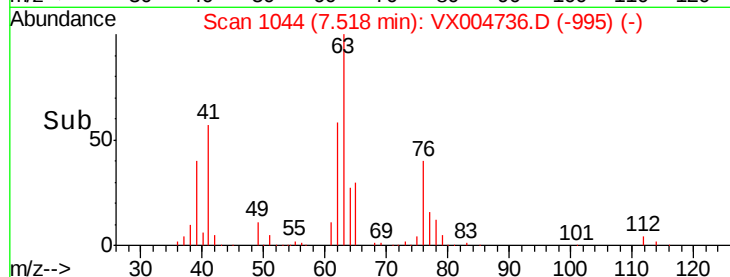
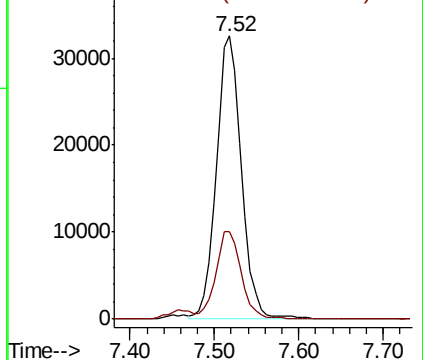
63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.789 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

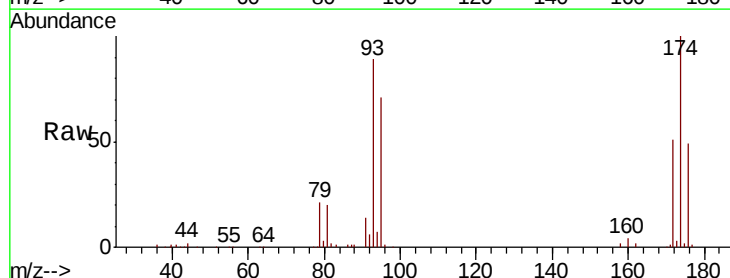
Tgt Ion: 93 Resp: 43778

Ion Ratio Lower Upper

93 100

95 81.6 65.5 98.3

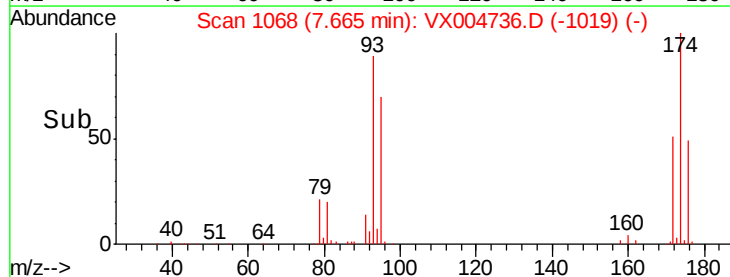
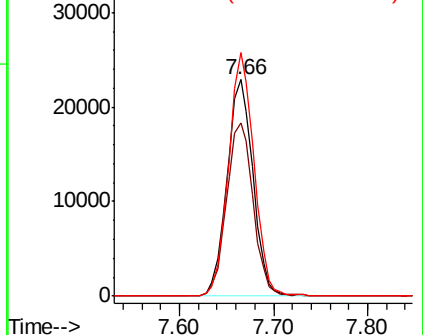
174 110.2 94.2 141.4

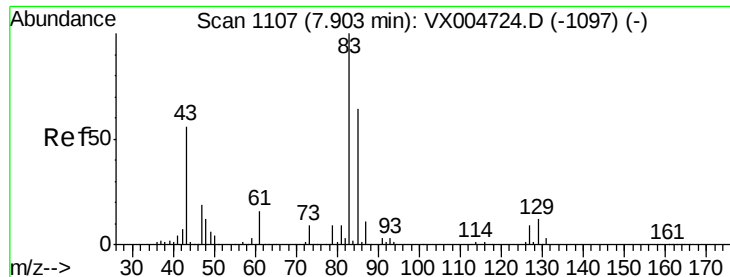


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.623 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

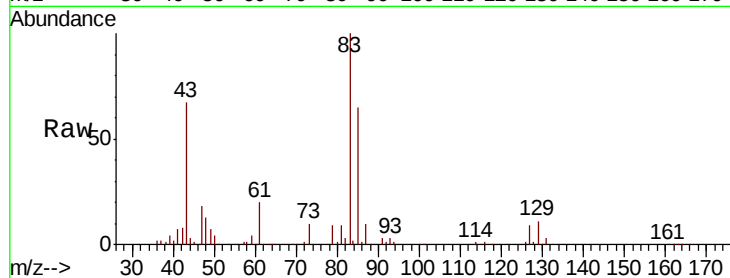
Tot Ion: 83 Resp: 81340

Ion Ratio Lower Upper

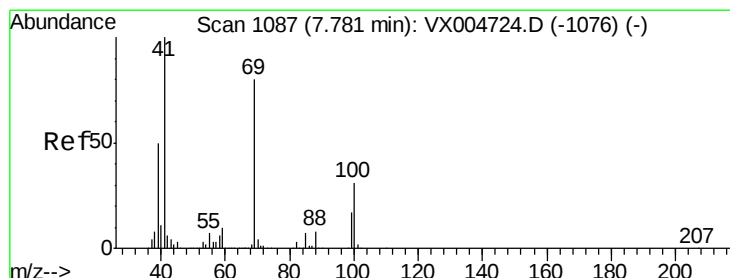
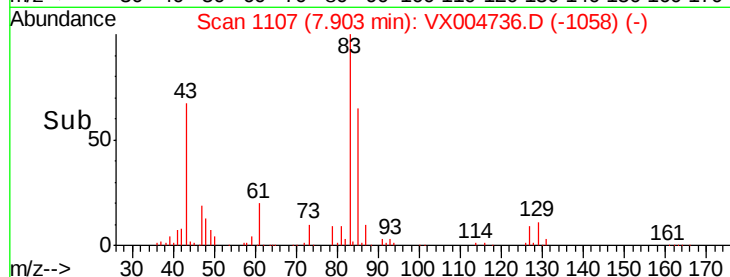
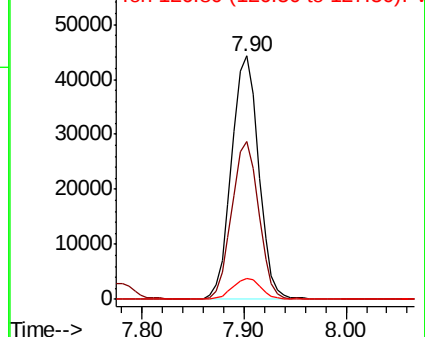
83 100

85 64.6 50.9 76.3

127 8.6 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: 23.172 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

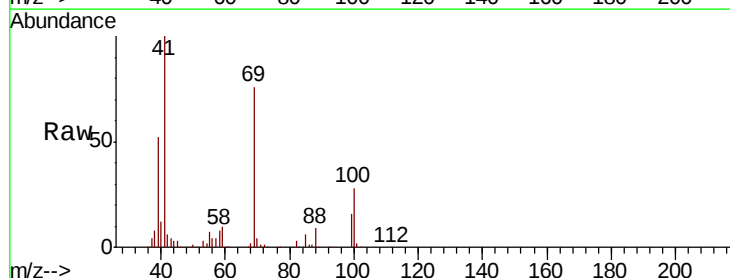
Tgt Ion: 41 Resp: 83908

Ion Ratio Lower Upper

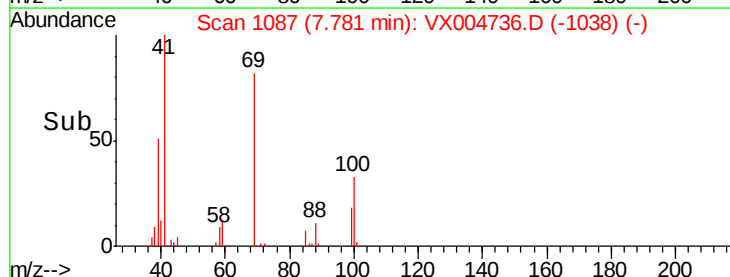
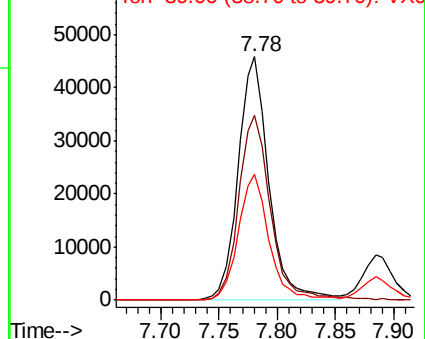
41 100

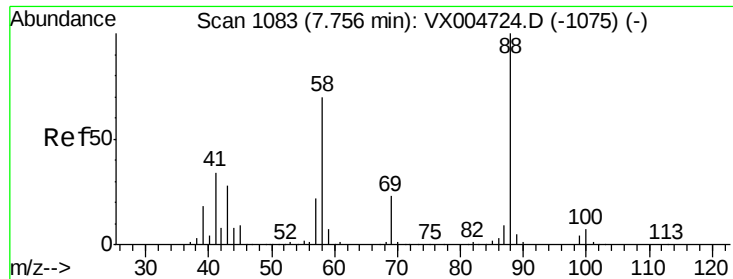
69 79.2 70.2 105.4

39 50.9 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

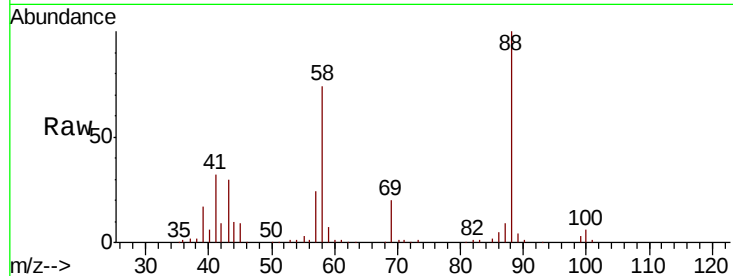




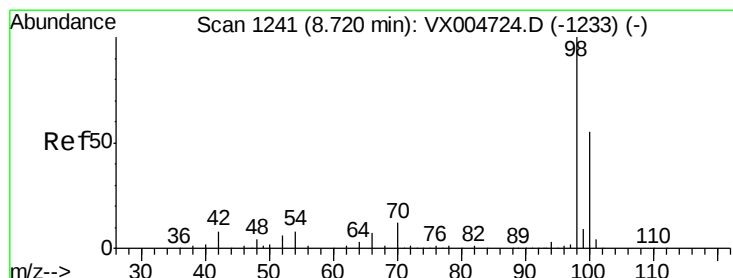
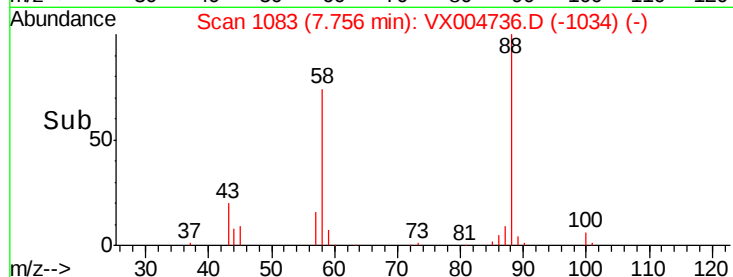
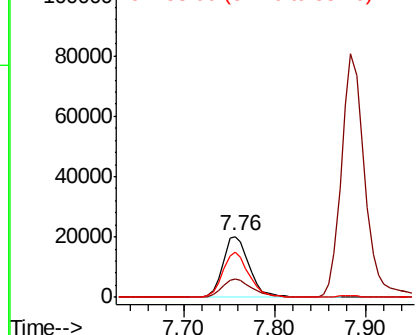
#49
1,4-Dioxane
Concen: 452.192 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion: 88 Resp: 40680
Ion Ratio Lower Upper
88 100
43 33.1 24.7 37.1
58 74.1 55.3 82.9

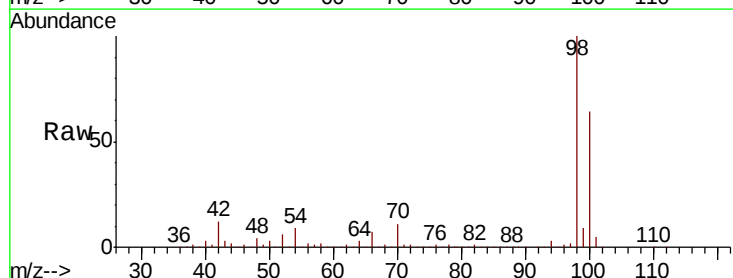


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

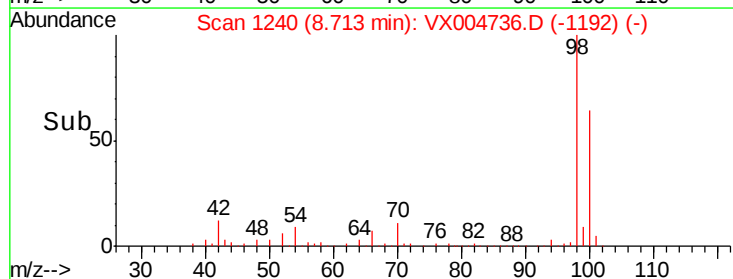
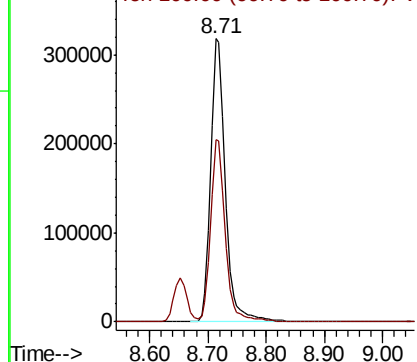


#50
Toluene-d8
Concen: 55.099 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion: 98 Resp: 559053
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



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

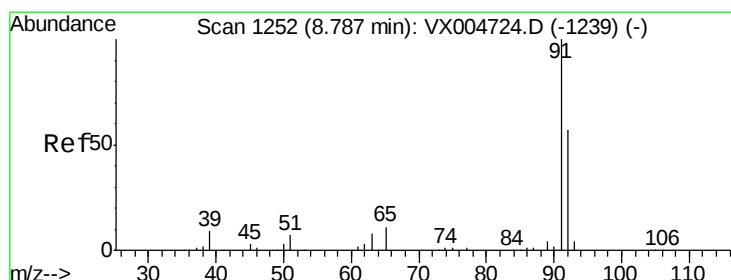
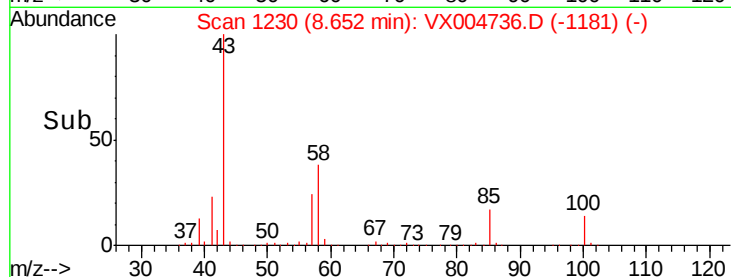
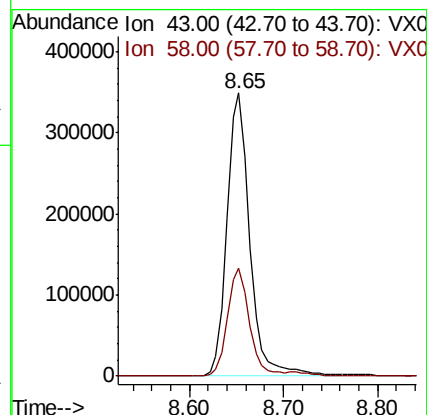
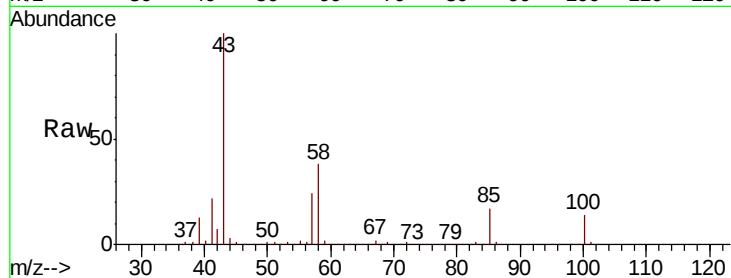




#51
4-Methyl-2-Pentanone
Concen: 116.803 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

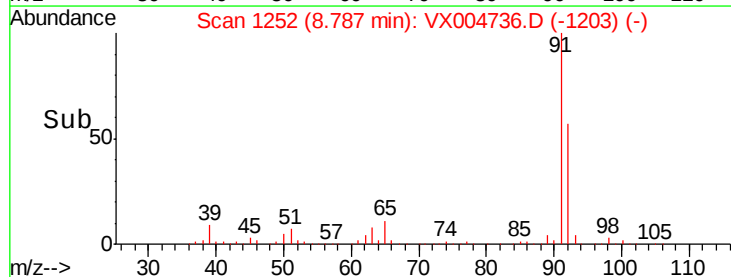
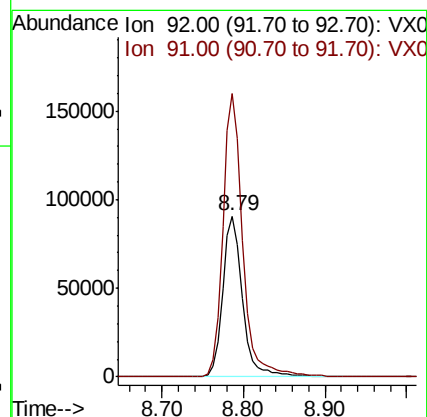
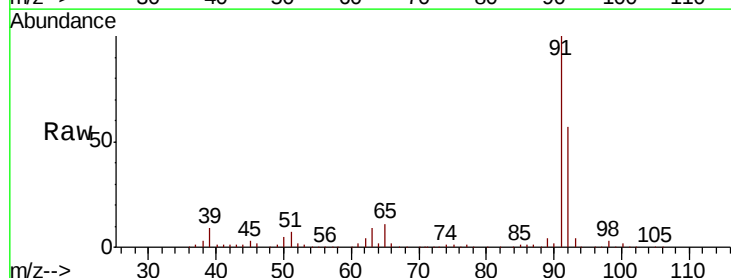
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

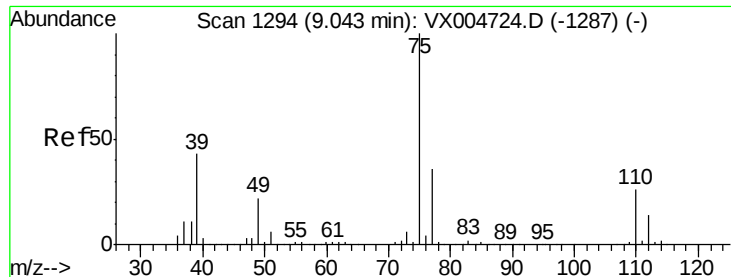
Tot Ion: 43 Resp: 586738
Ion Ratio Lower Upper
43 100
58 36.7 33.1 49.7



#52
Toluene
Concen: 21.571 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion: 92 Resp: 154520
Ion Ratio Lower Upper
92 100
91 175.8 136.4 204.6

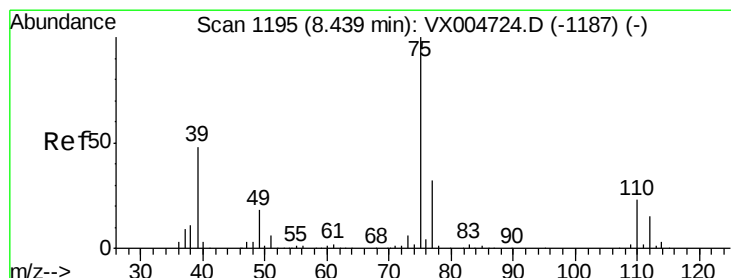
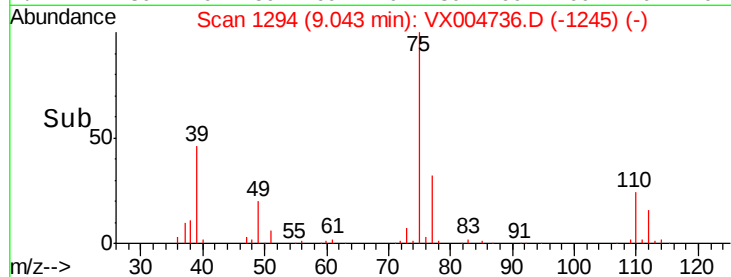
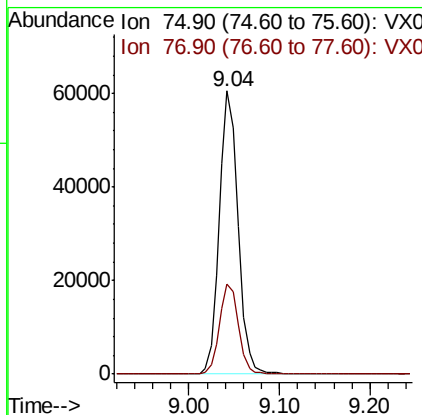
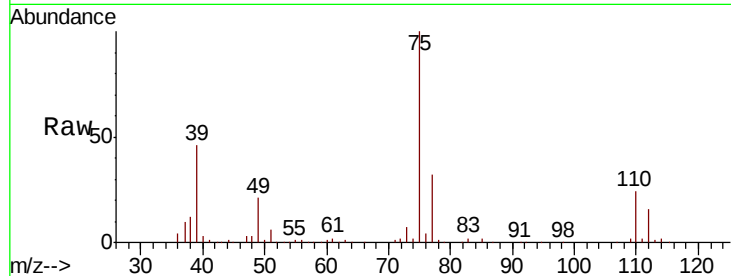




#53
t-1,3-Dichloropropene
Concen: 20.589 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

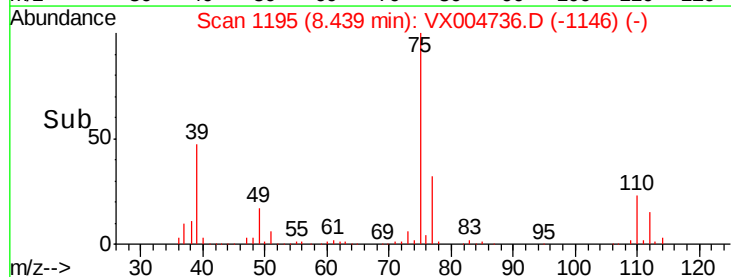
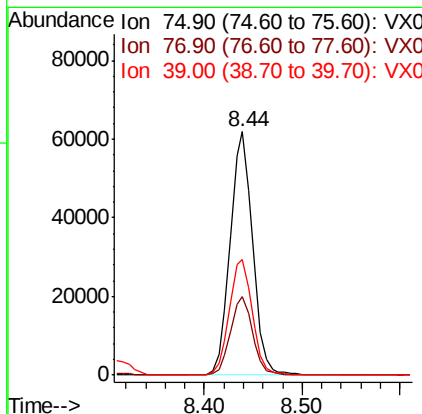
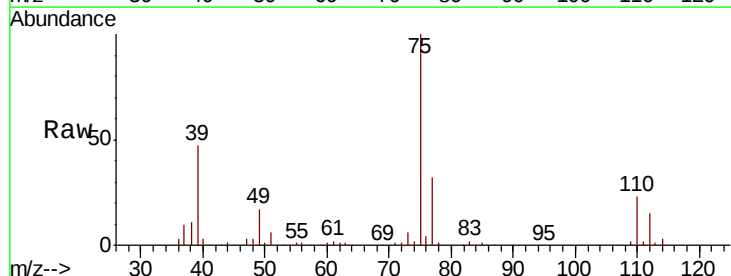
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion: 75 Resp: 87519
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 22.089 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion: 75 Resp: 98348
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
39 47.1 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 20.882 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 97 Resp: 65523

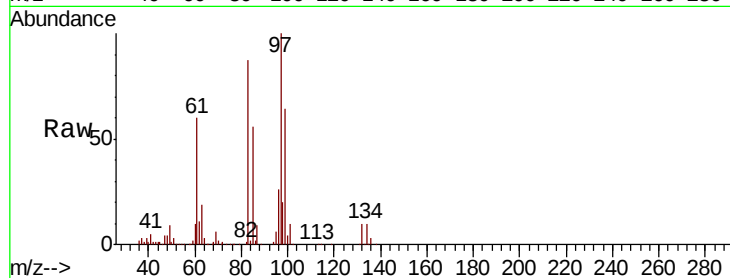
Ion Ratio Lower Upper

97 100

83 86.7 66.4 99.6

85 55.8 43.3 64.9

99 63.6 49.0 73.4

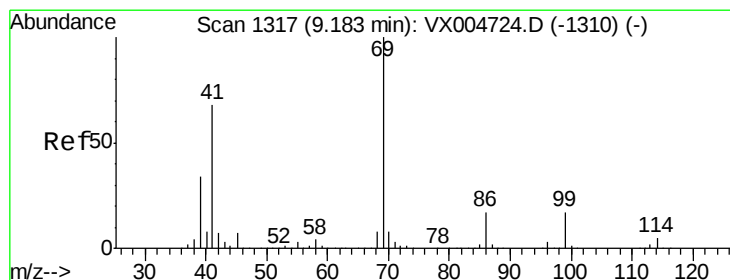
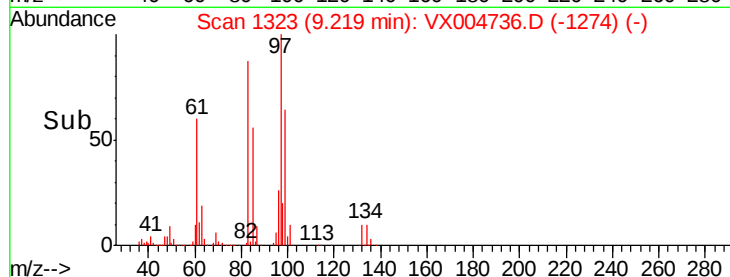
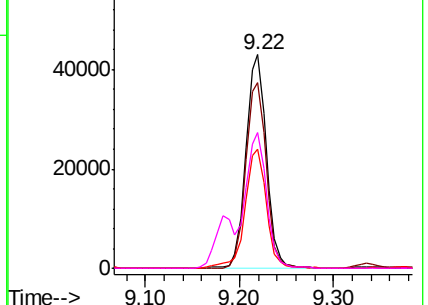


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.574 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

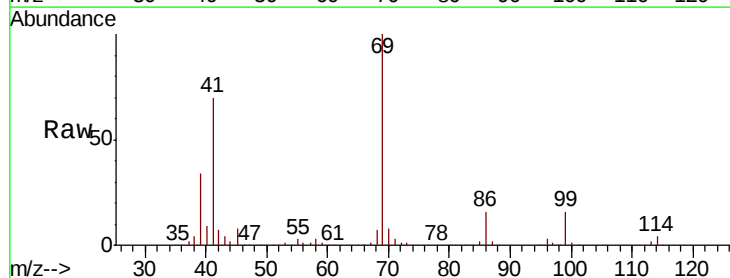
Tgt Ion: 69 Resp: 95661

Ion Ratio Lower Upper

69 100

41 69.8 51.0 76.4

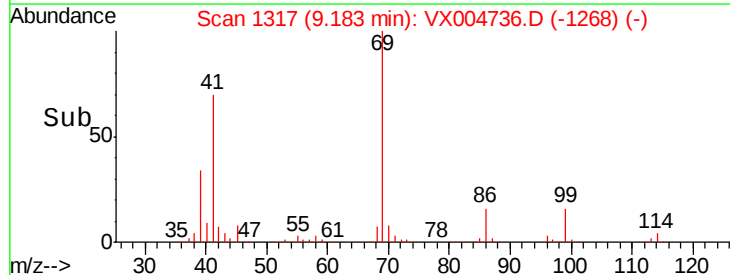
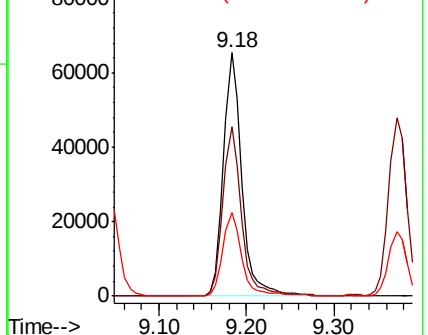
39 34.8 26.1 39.1



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

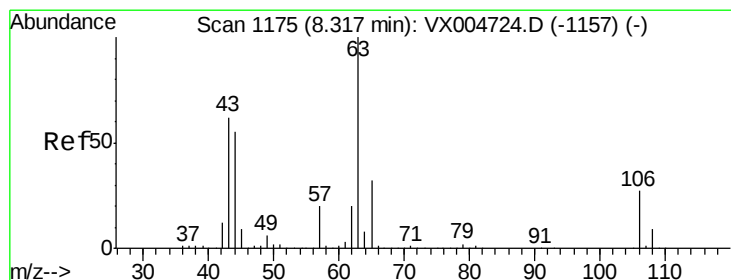
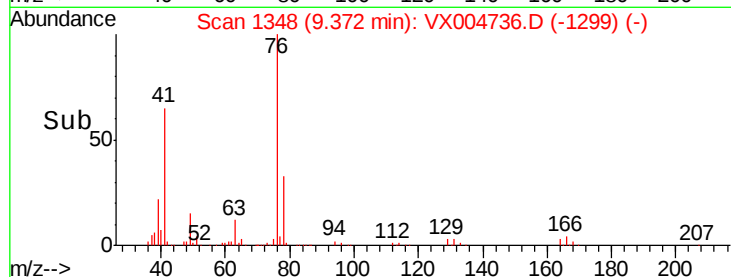
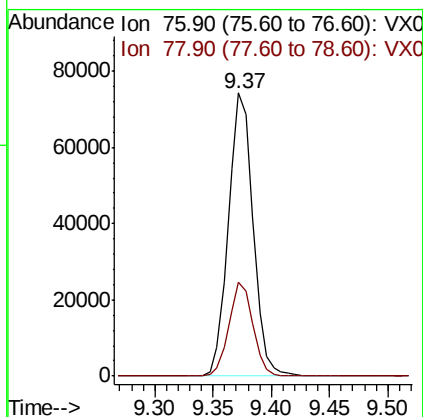
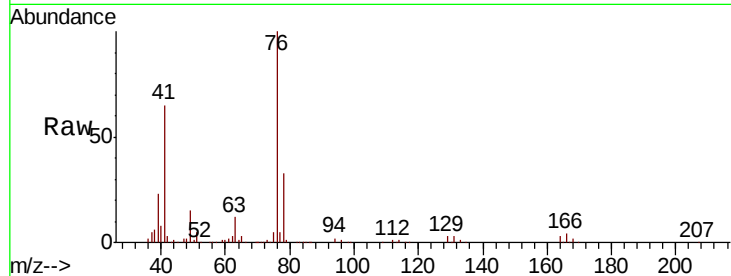




#57
 1,3-Dichloropropane
 Concen: 20.971 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

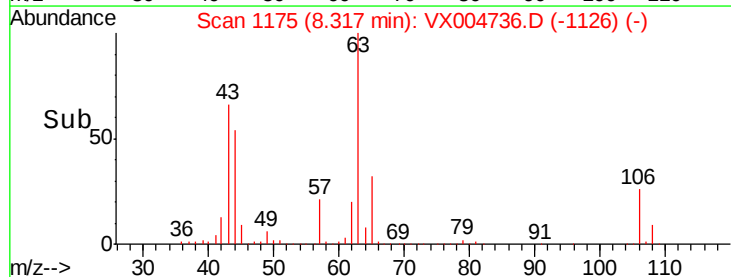
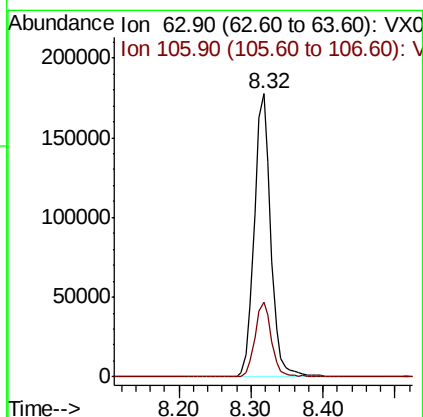
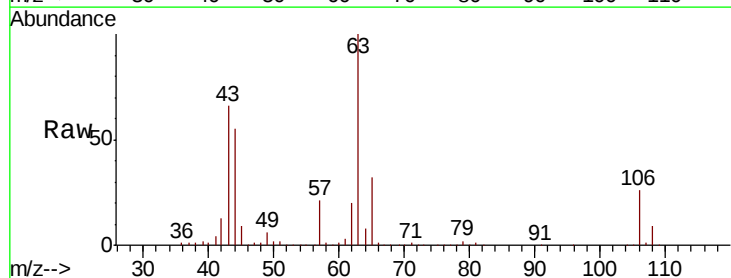
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

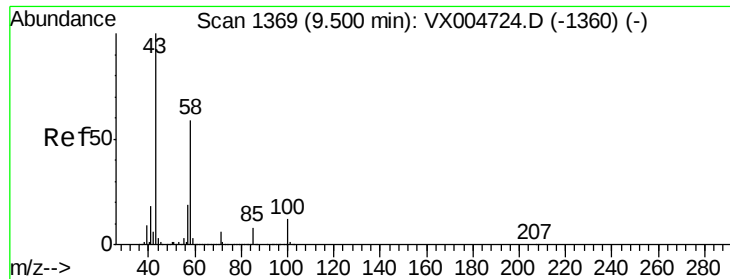
Tot Ion: 76 Resp: 109518
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.427 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion: 63 Resp: 284358
 Ion Ratio Lower Upper
 63 100
 106 26.5 23.9 35.9

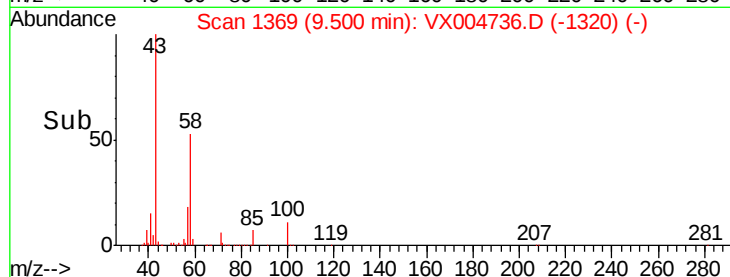
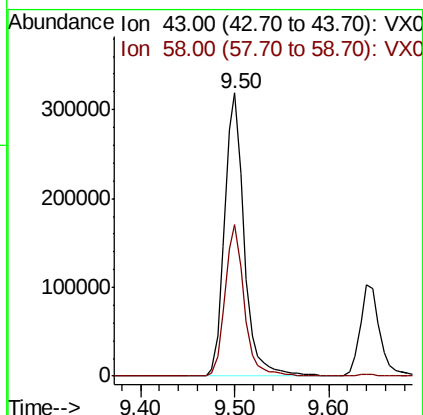
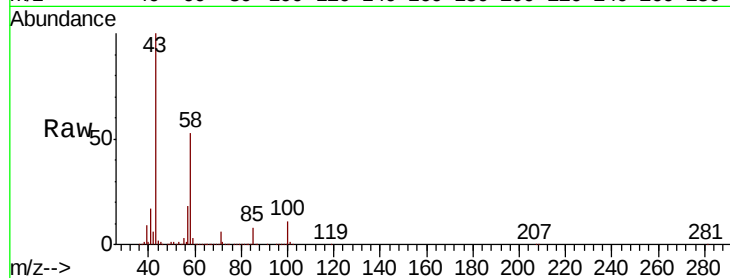




#59
2-Hexanone
Concen: 109.921 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

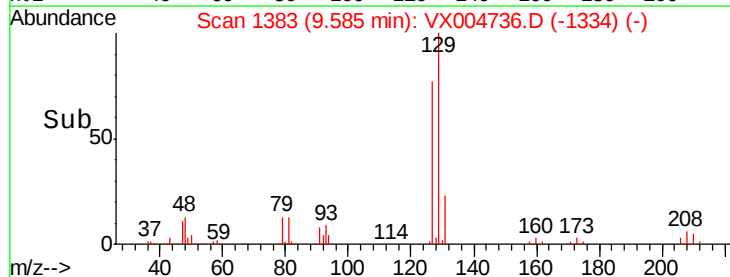
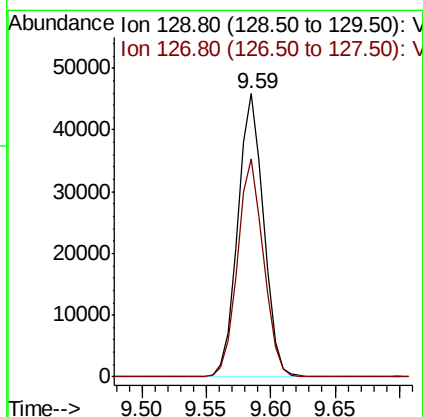
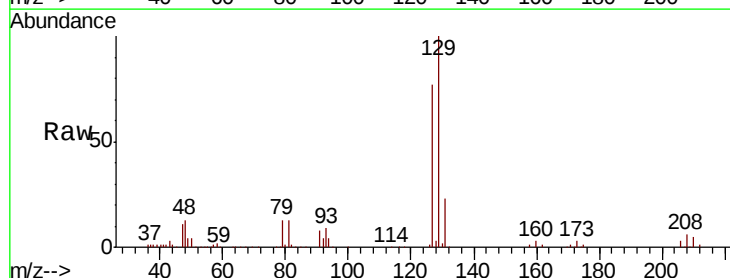
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

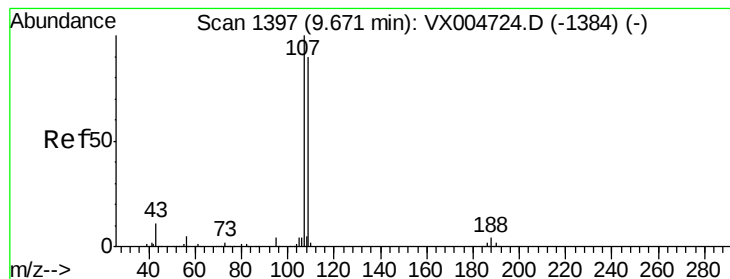
Tot Ion: 43 Resp: 460130
Ion Ratio Lower Upper
43 100
58 52.8 29.0 87.0



#60
Dibromochloromethane
Concen: 20.334 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion:129 Resp: 63809
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.201 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

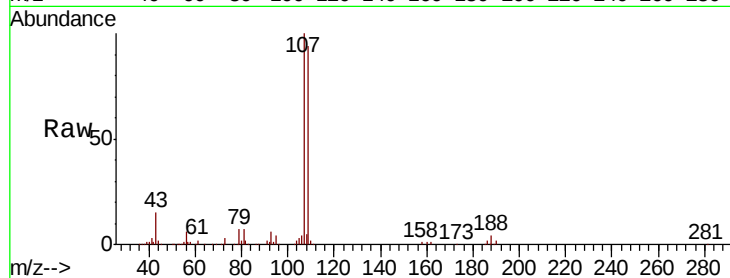
VX0926WBSD01

Tot Ion:107 Resp: 67882

Ion Ratio Lower Upper

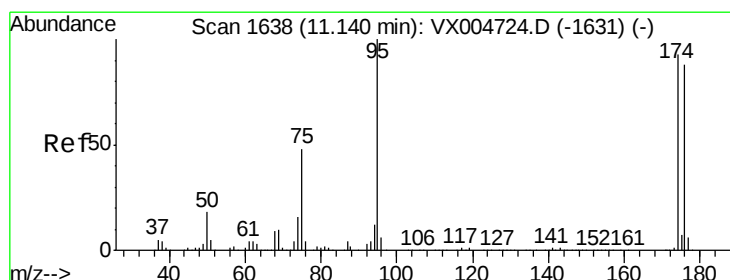
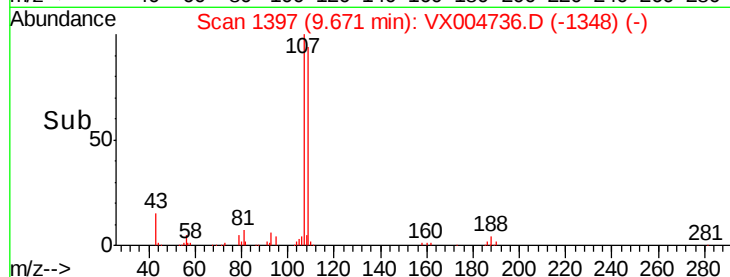
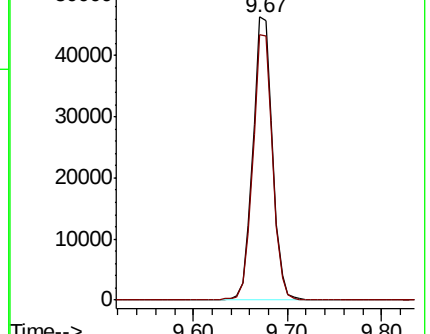
107 100

109 94.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.276 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

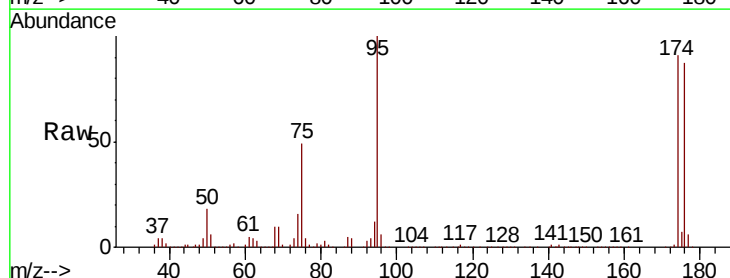
Tgt Ion: 95 Resp: 202049

Ion Ratio Lower Upper

95 100

174 90.0 0.0 185.2

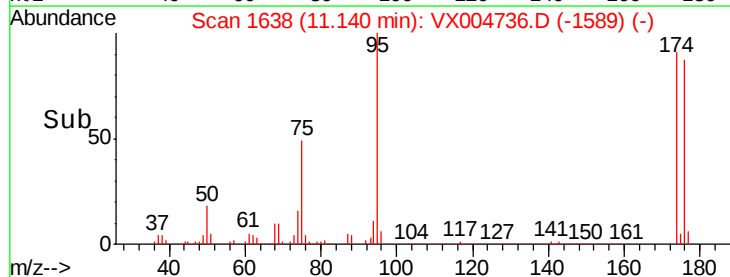
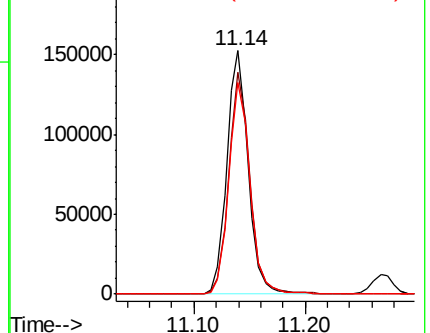
176 87.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

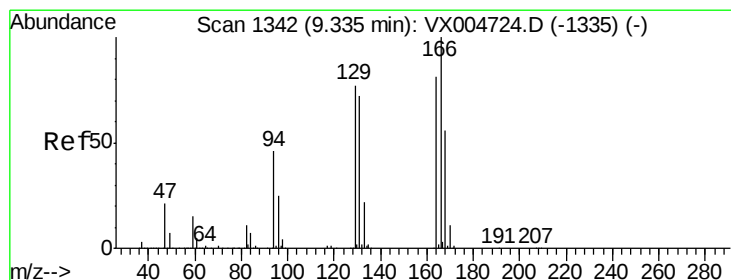
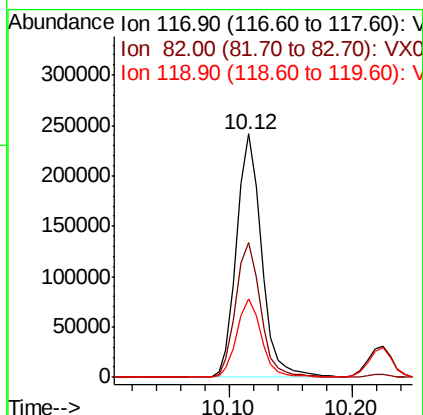
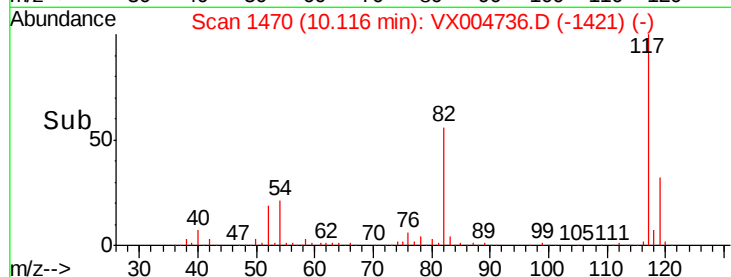
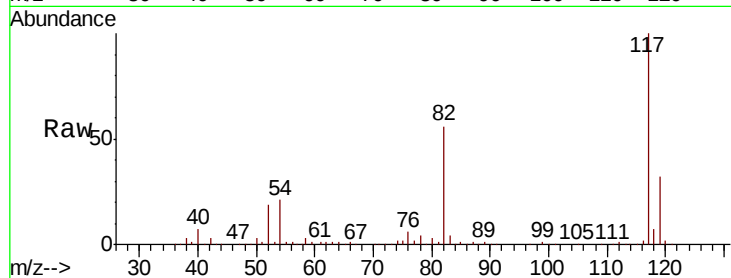




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

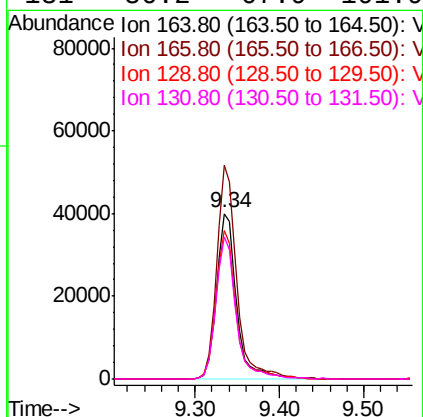
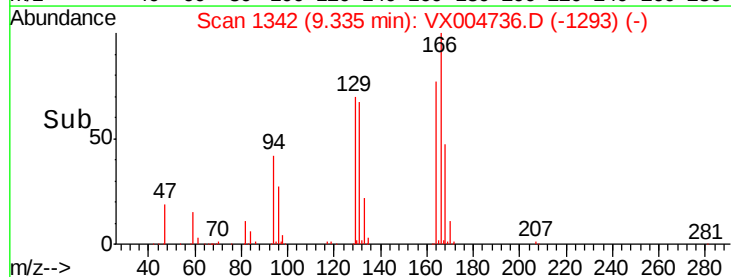
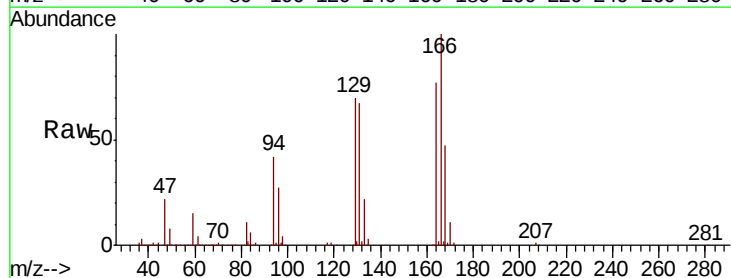
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion:117 Resp: 342053
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 19.706 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion:164 Resp: 66340
Ion Ratio Lower Upper
164 100
166 129.3 102.8 154.2
129 90.2 69.4 104.0
131 86.2 67.9 101.9

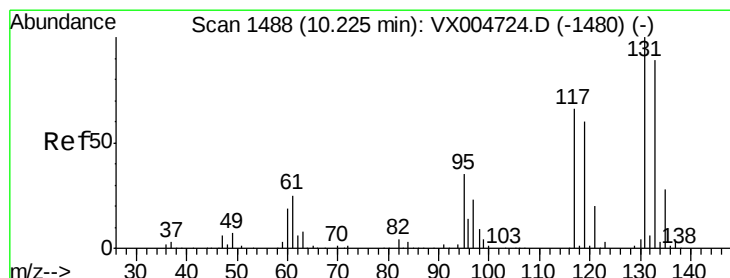
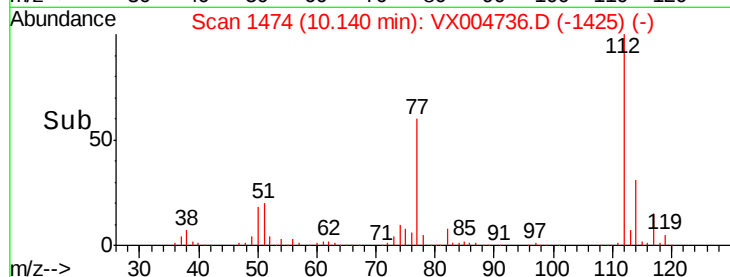
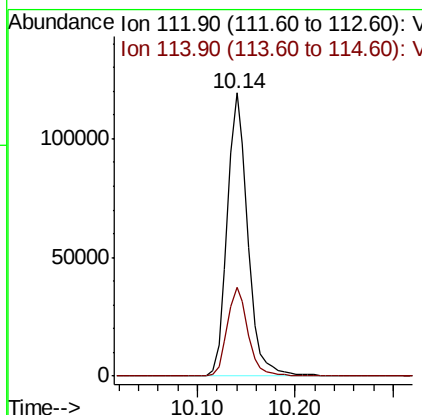
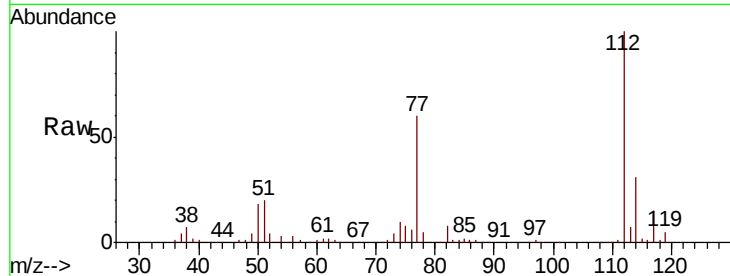




#65
Chlorobenzene
Concen: 19.792 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

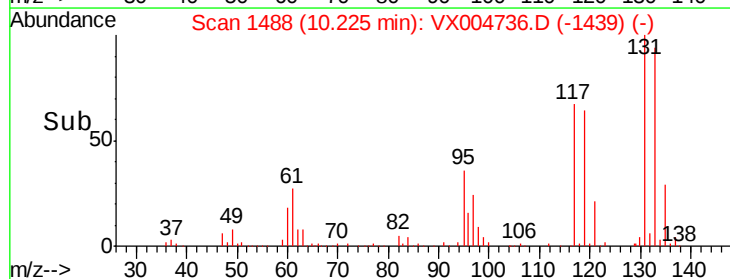
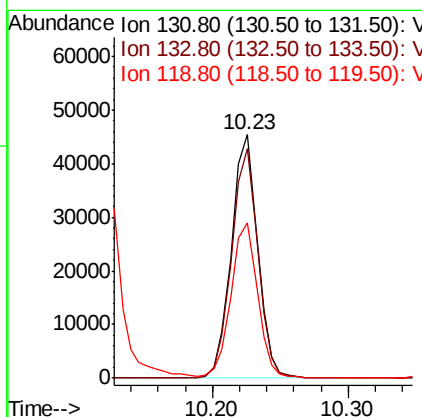
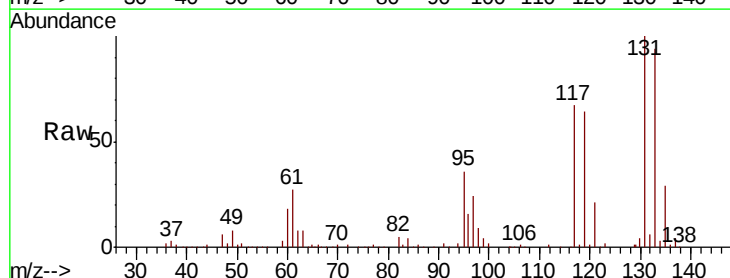
Instrument :
MSVOA_X
ClientSampled :
VX0926WBSD01

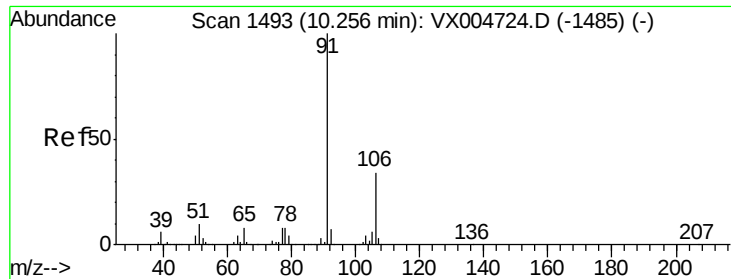
Tot Ion:112 Resp: 173601
Ion Ratio Lower Upper
112 100
114 31.5 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.811 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion:131 Resp: 61088
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 65.2 32.9 98.6

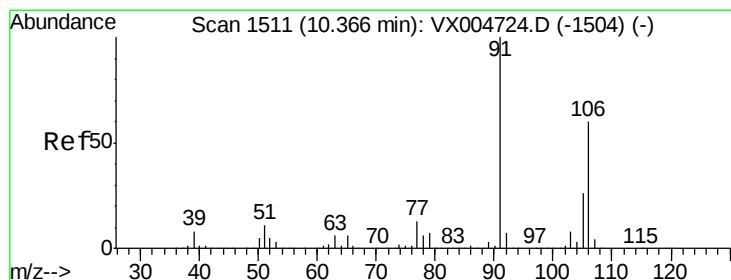
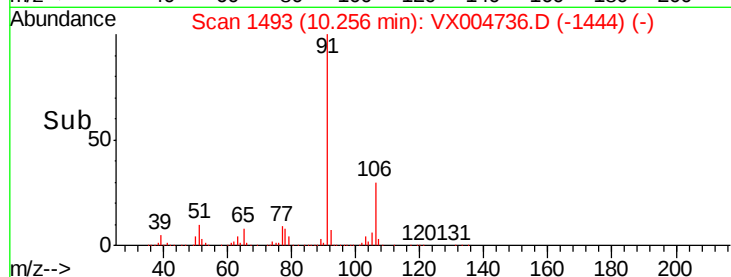
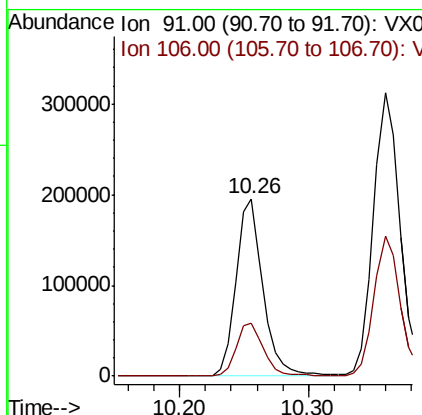
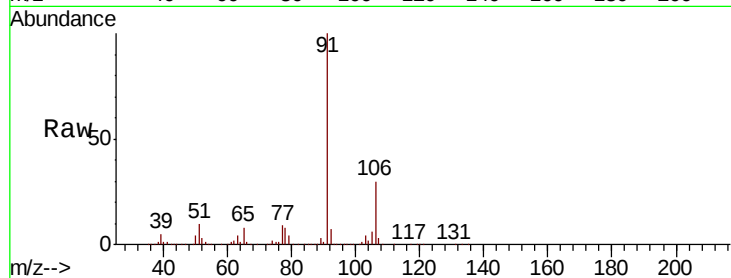




#67
Ethyl Benzene
Concen: 20.478 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

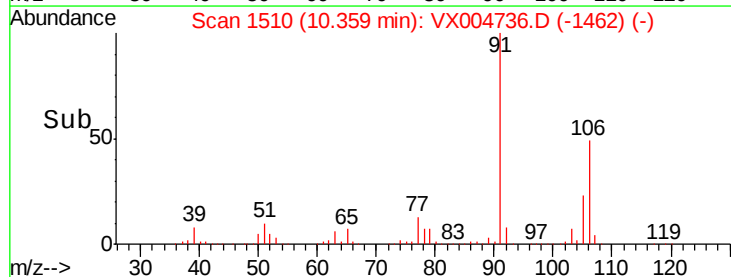
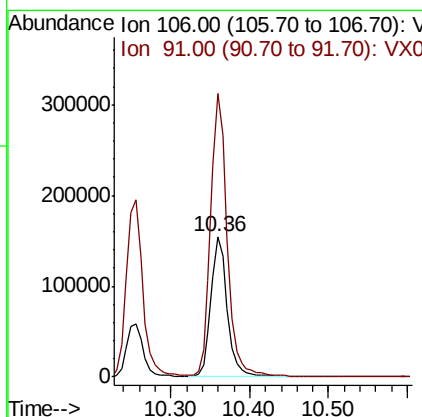
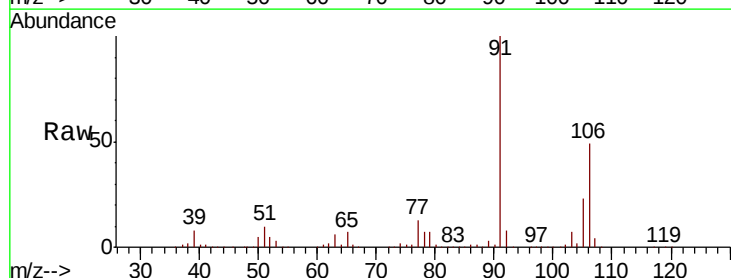
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion: 91 Resp: 285158
Ion Ratio Lower Upper
91 100
106 30.0 25.9 38.9



#68
m/p-Xylenes
Concen: 41.344 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion: 106 Resp: 224982
Ion Ratio Lower Upper
106 100
91 204.3 157.1 235.7

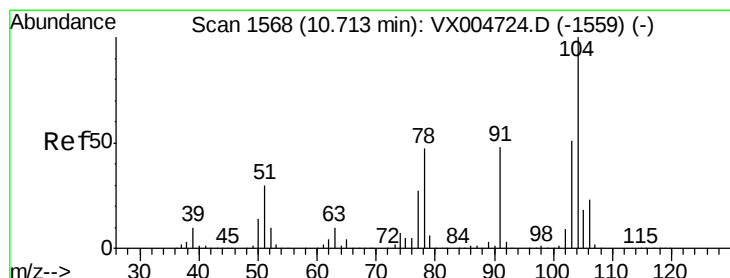
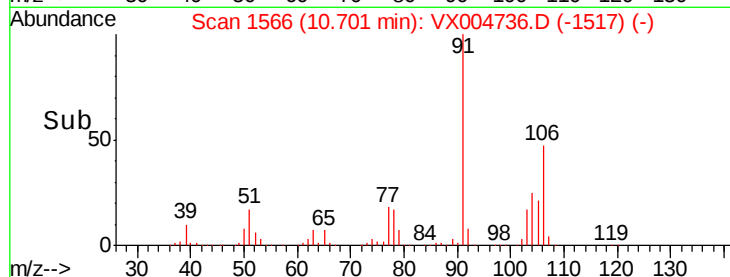
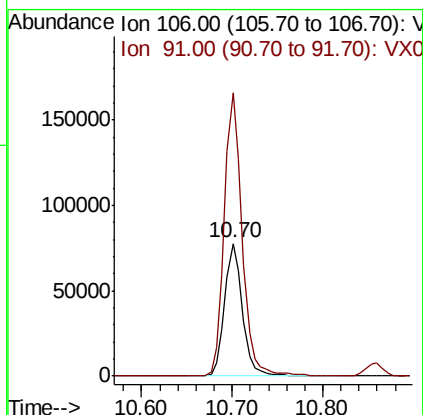
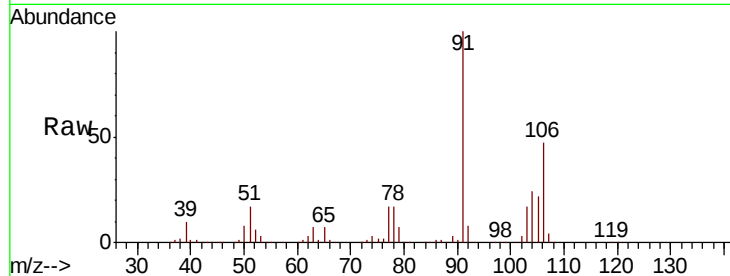




#69
o-Xylene
Concen: 21.463 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

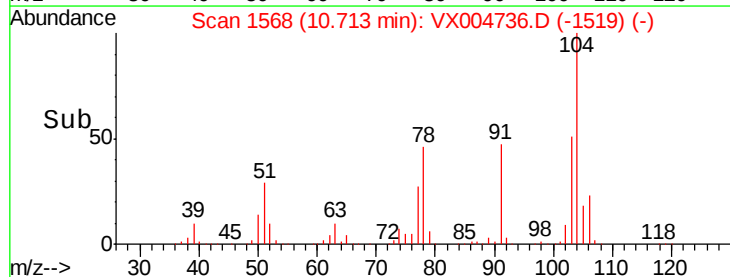
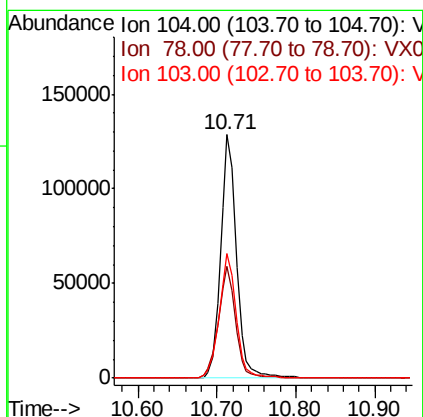
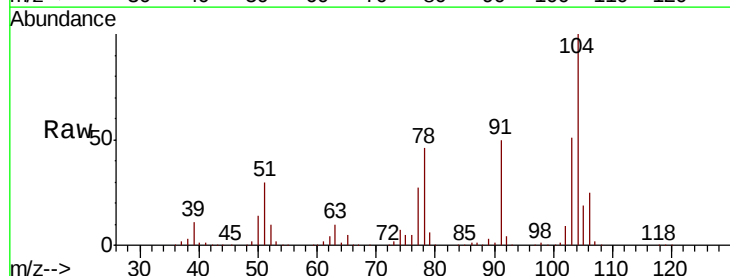
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

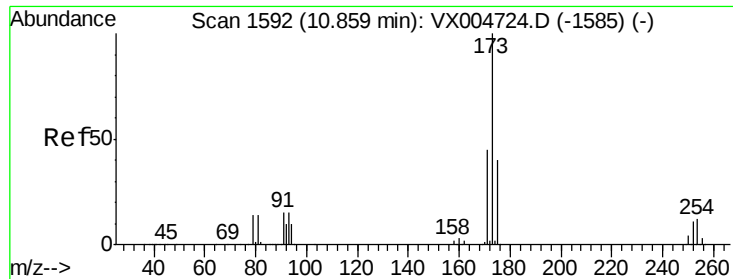
Tot Ion:106 Resp: 107275
Ion Ratio Lower Upper
106 100
91 214.1 105.1 315.1



#70
Styrene
Concen: 20.690 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion:104 Resp: 181161
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 19.375 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

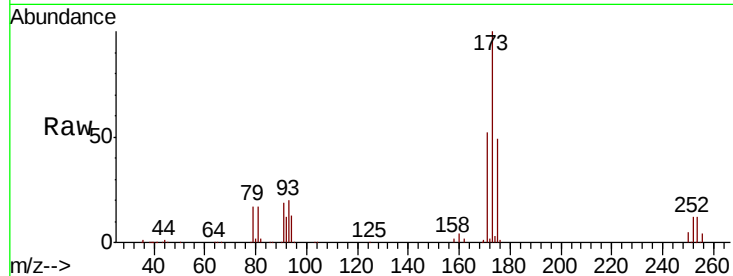
Tot Ion:173 Resp: 51150

Ion Ratio Lower Upper

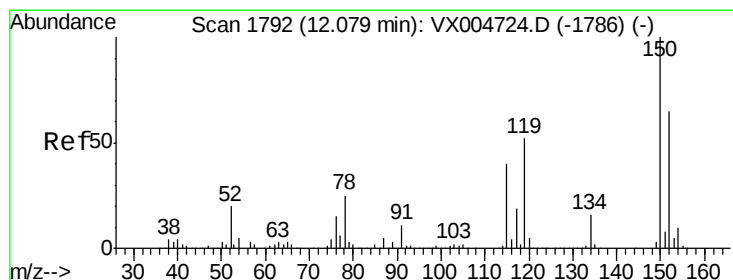
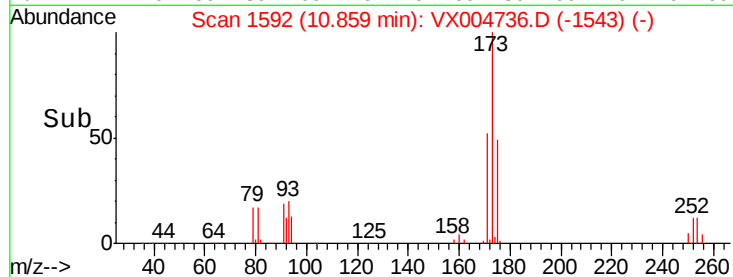
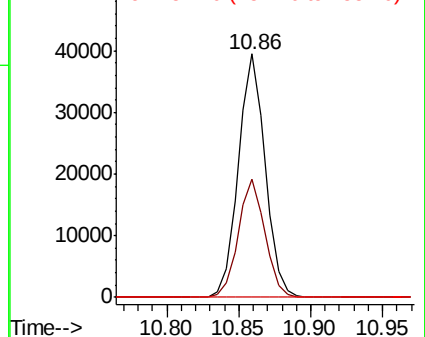
173 100

175 48.3 24.1 72.3

254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

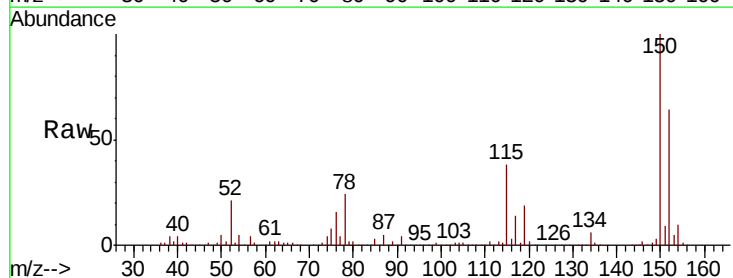
Tgt Ion:152 Resp: 203782

Ion Ratio Lower Upper

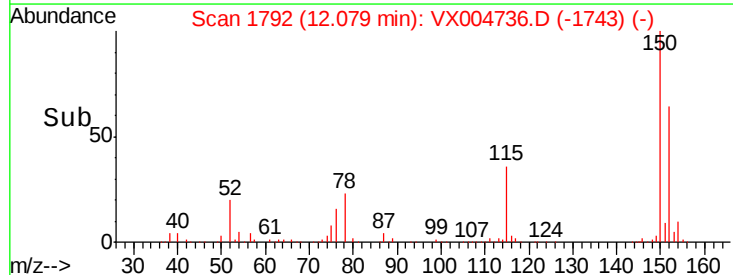
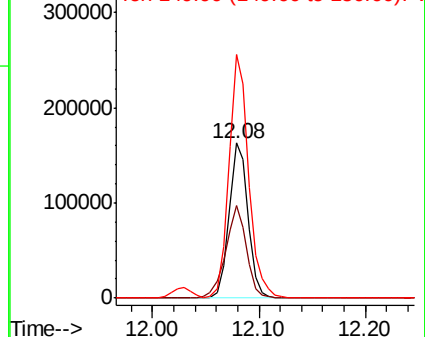
152 100

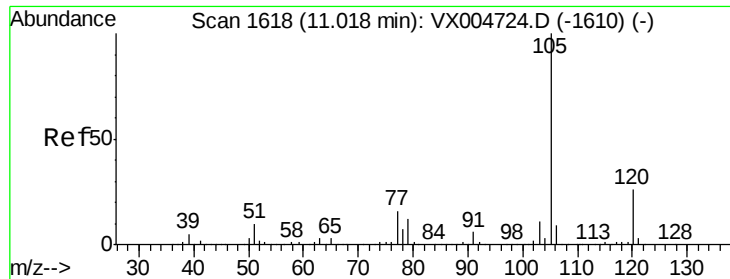
115 64.8 39.0 117.0

150 162.2 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: 22.158 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

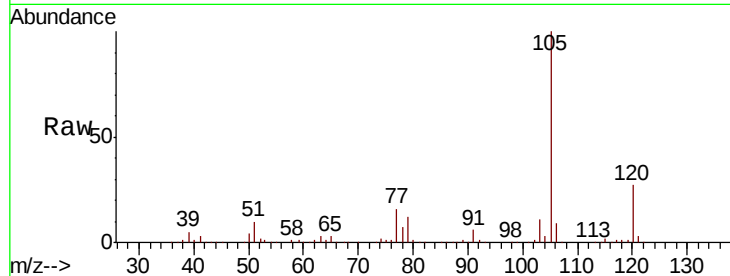
VX0926WBSD01

Tot Ion: 105 Resp: 284612

Ion Ratio Lower Upper

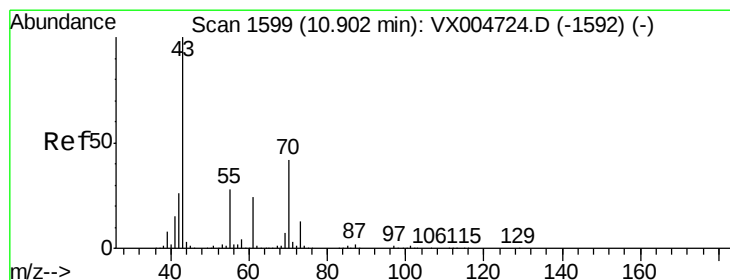
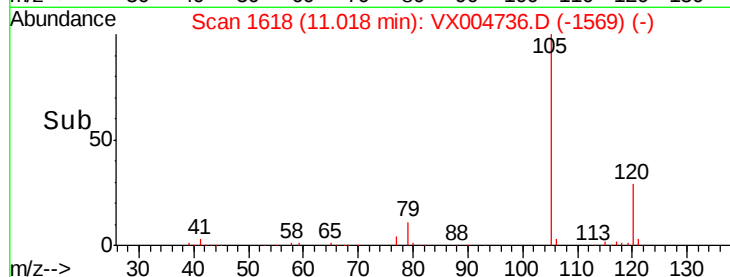
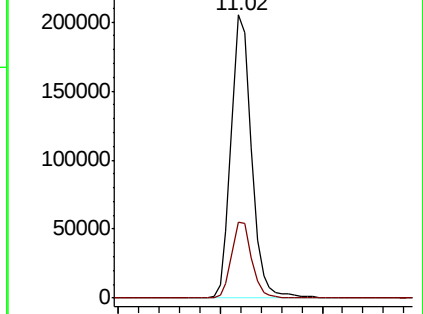
105 100

120 26.7 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: 20.301 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Tgt Ion: 43 Resp: 135729

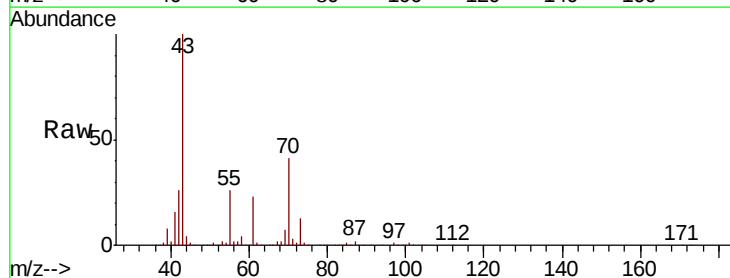
Ion Ratio Lower Upper

43 100

70 40.5 37.4 56.0

55 26.4 21.8 32.8

61 23.5 20.6 30.8

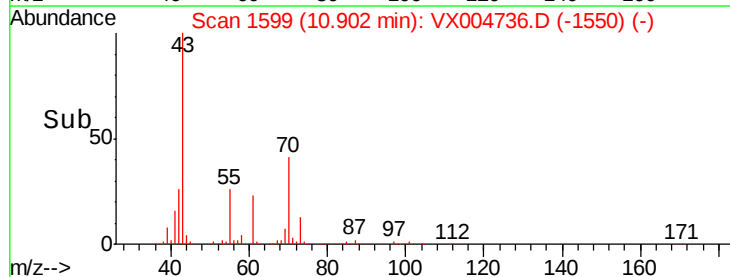
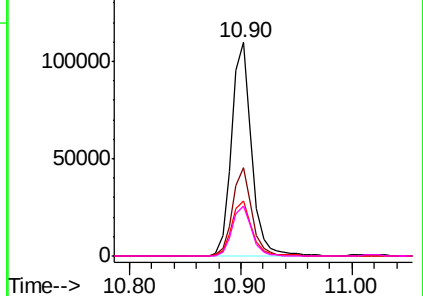


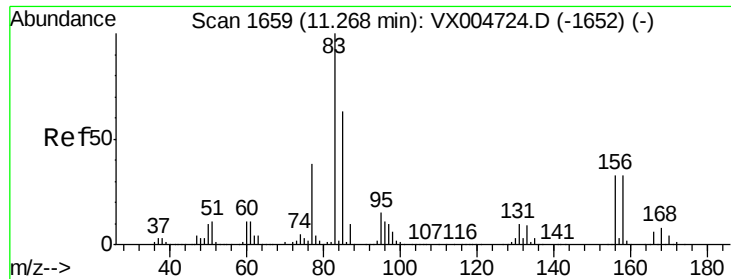
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

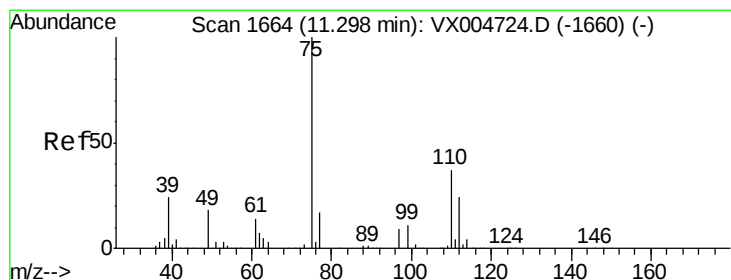
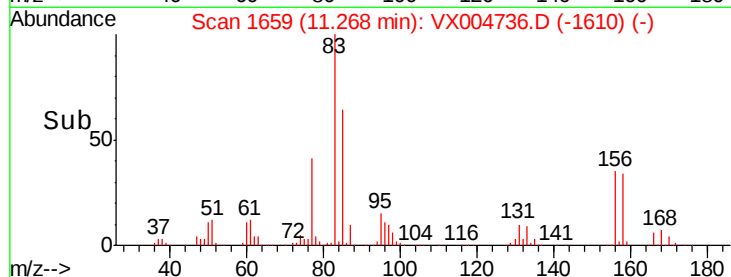
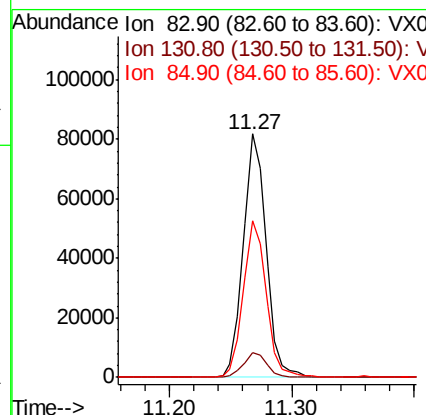
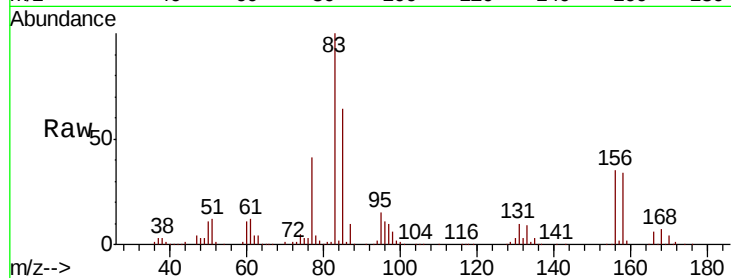




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.174 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

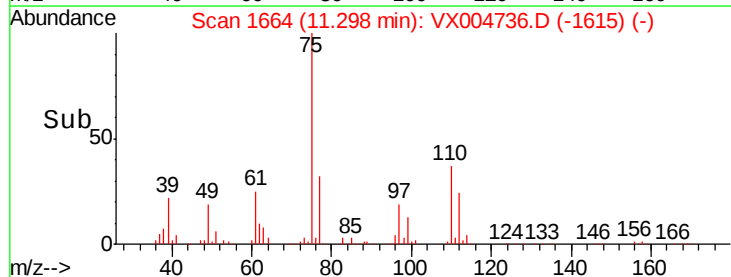
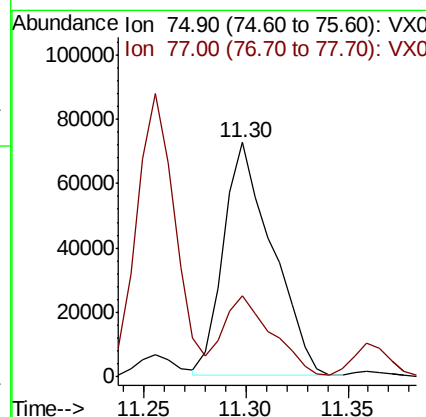
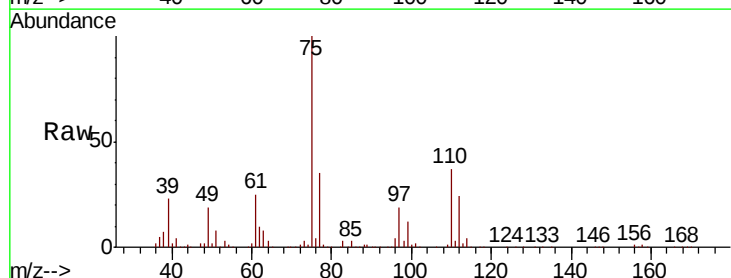
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

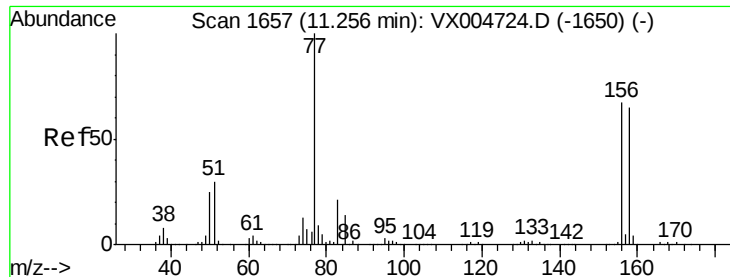
Tot Ion: 83 Resp: 105484
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 26.198 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion: 75 Resp: 119660
 Ion Ratio Lower Upper
 75 100
 77 34.9 20.2 60.6





#77

Bromobenzene

Concen: 20.884 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

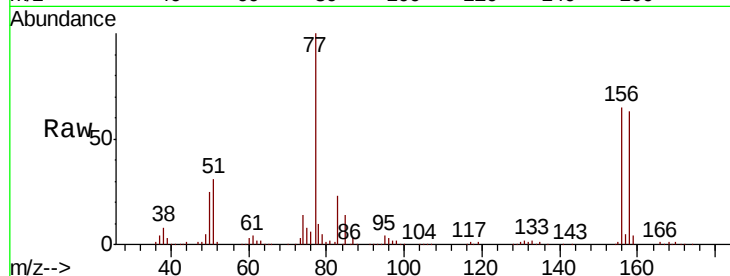
Tot Ion:156 Resp: 77915

Ion Ratio Lower Upper

156 100

77 148.9 71.5 214.3

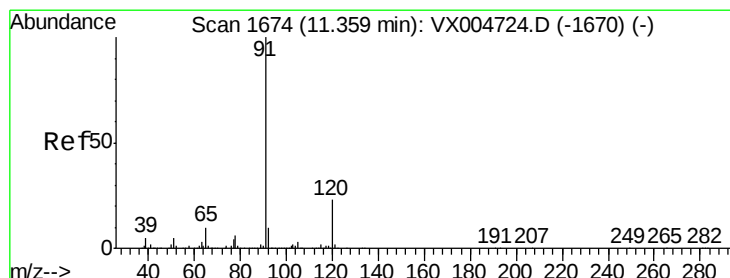
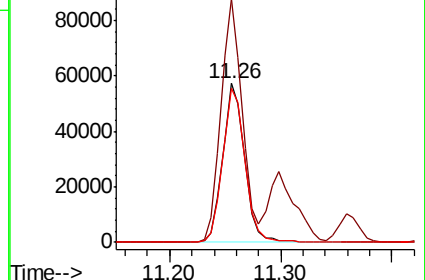
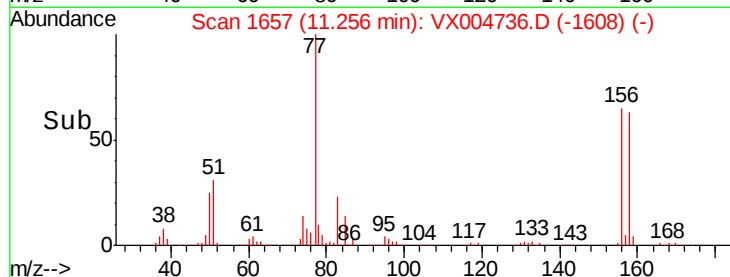
158 98.9 48.9 146.8



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: 22.217 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004736.D

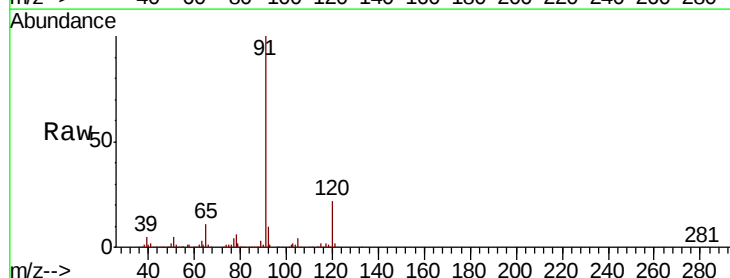
Acq: 26 Sep 2018 19:42

Tgt Ion: 91 Resp: 327430

Ion Ratio Lower Upper

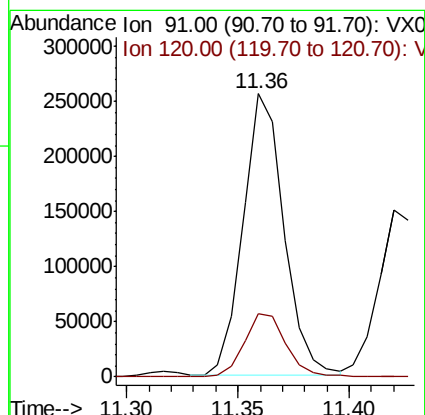
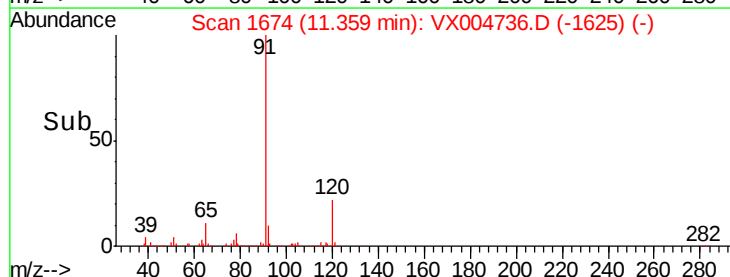
91 100

120 23.4 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: 21.896 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

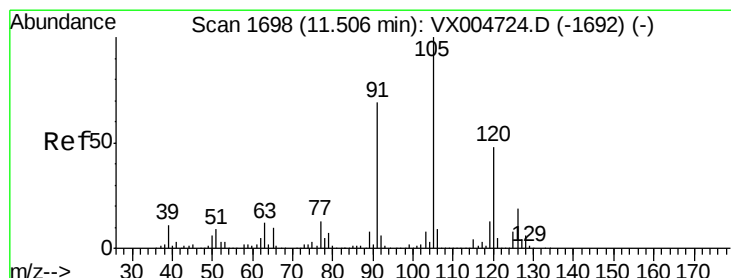
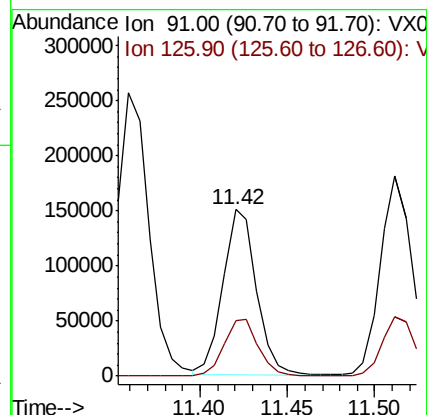
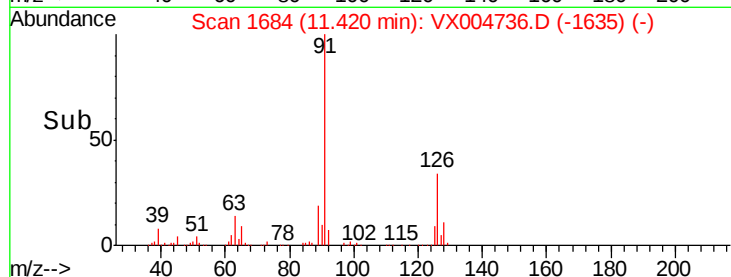
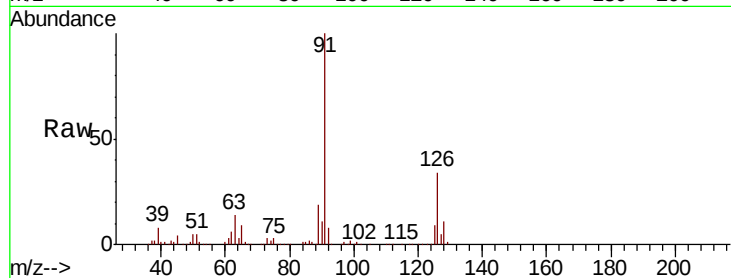
VX0926WBSD01

Tot Ion: 91 Resp: 201142

Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.527 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004736.D

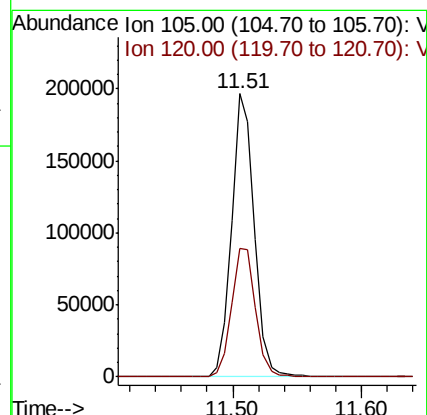
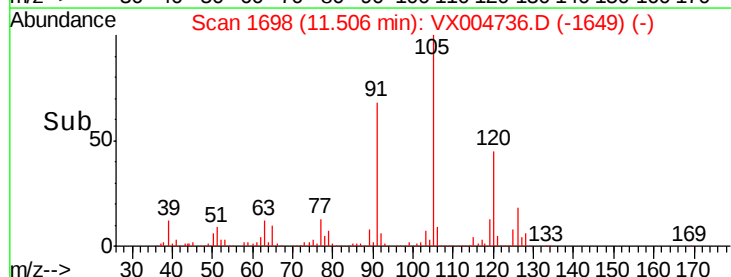
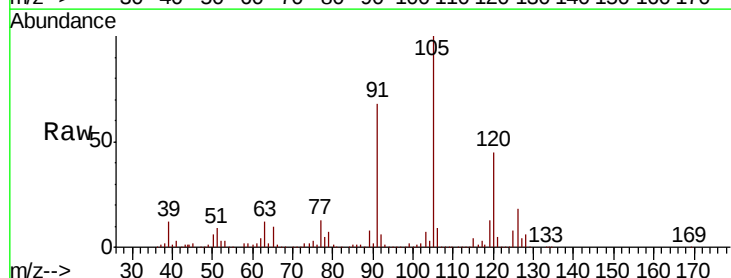
Acq: 26 Sep 2018 19:42

Tgt Ion:105 Resp: 243025

Ion Ratio Lower Upper

105 100

120 48.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.280 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

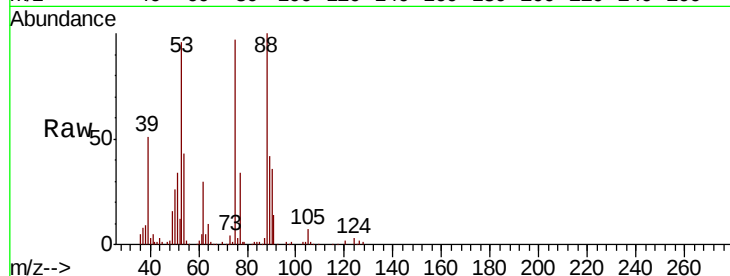
Tot Ion: 75 Resp: 28414

Ion Ratio Lower Upper

75 100

53 103.3 80.1 120.1

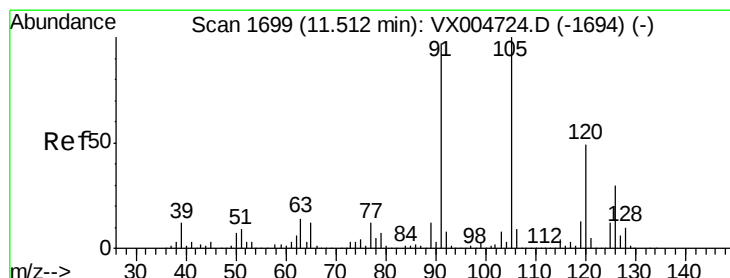
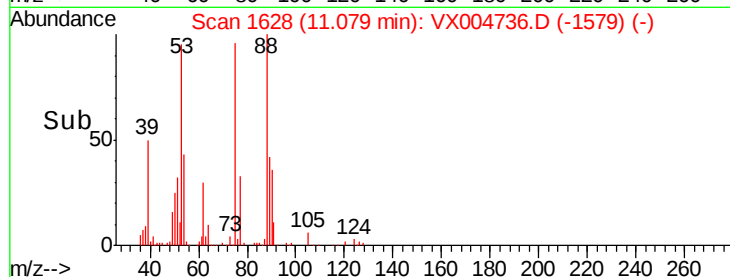
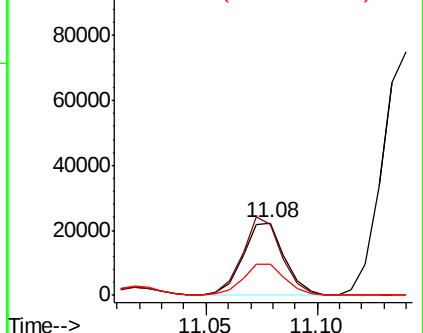
89 44.9 37.2 55.8



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: 21.777 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004736.D

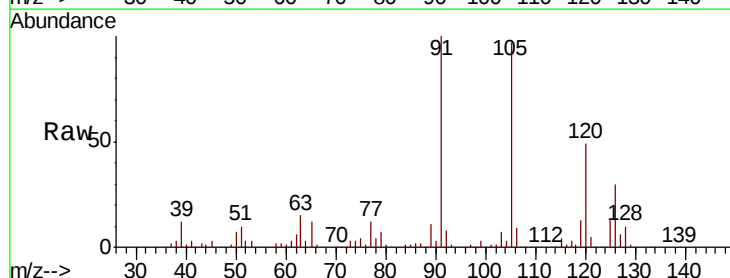
Acq: 26 Sep 2018 19:42

Tgt Ion: 91 Resp: 235469

Ion Ratio Lower Upper

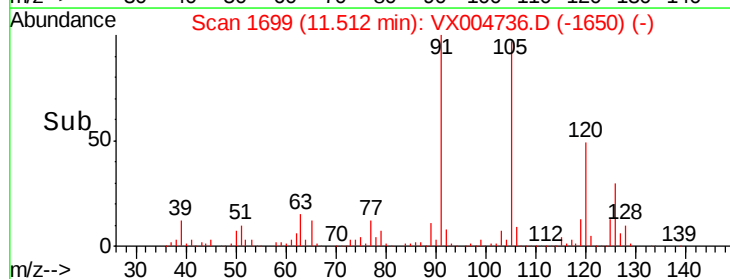
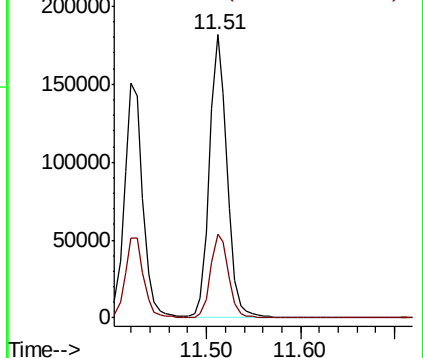
91 100

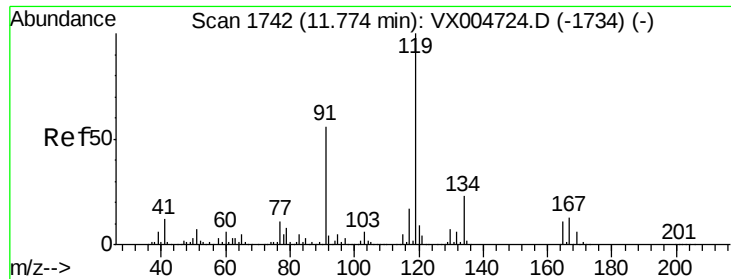
126 30.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

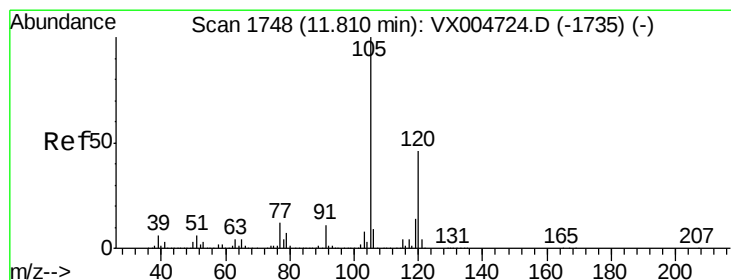
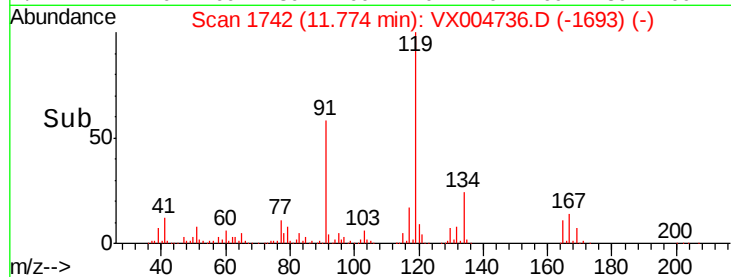
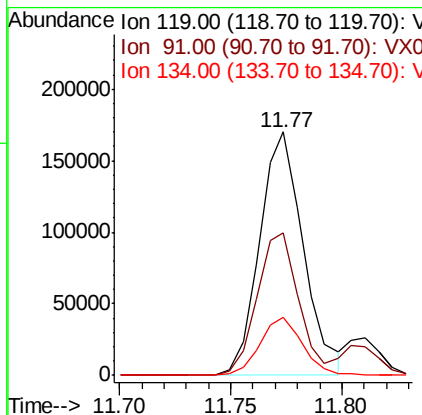
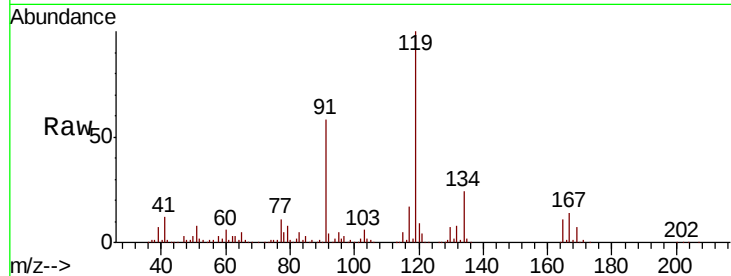




#83
 tert-Butylbenzene
 Concen: 21.958 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

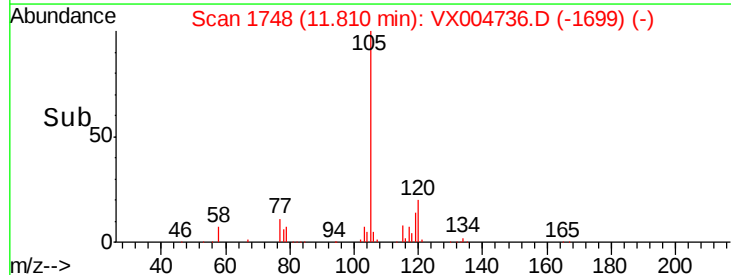
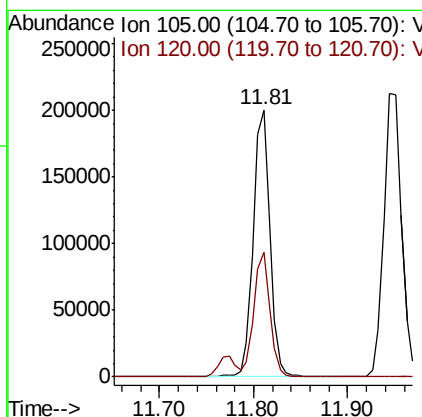
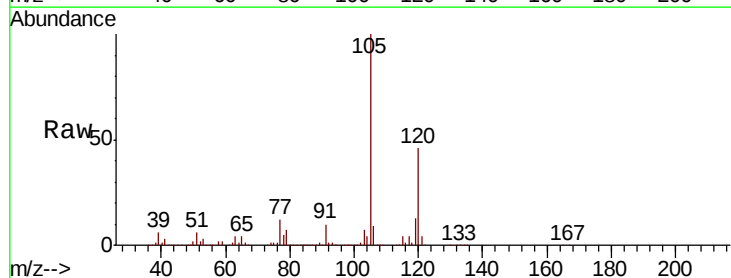
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

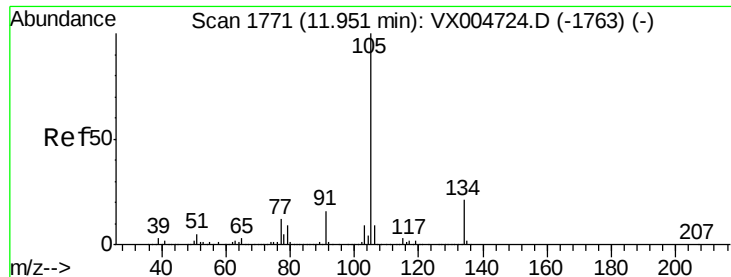
Tot Ion:119 Resp: 232216
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.0 81.0
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.696 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion:105 Resp: 252671
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.822 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

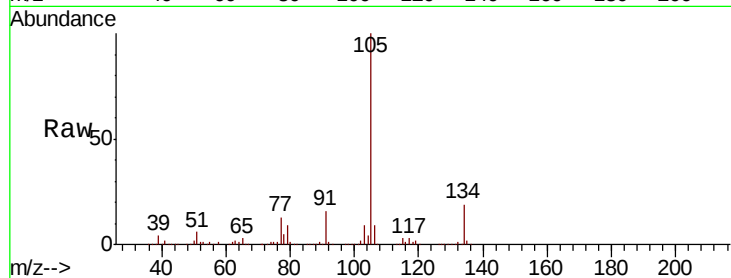
VX0926WBSD01

Tot Ion:105 Resp: 281096

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

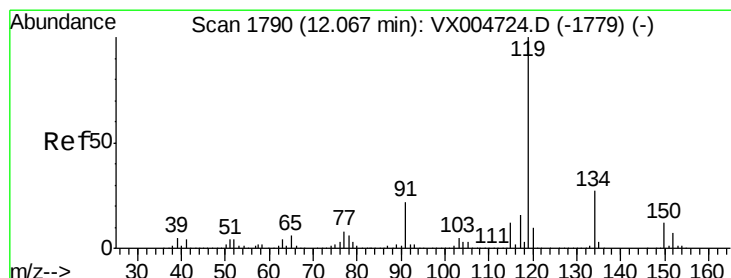
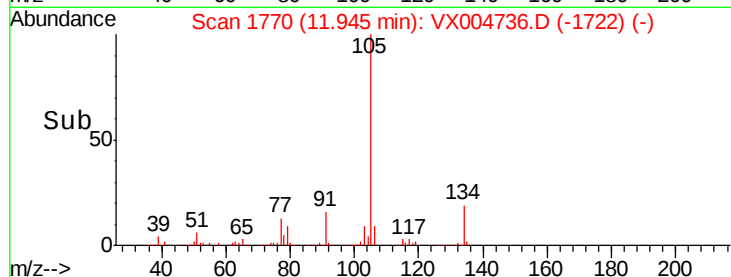
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.744 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

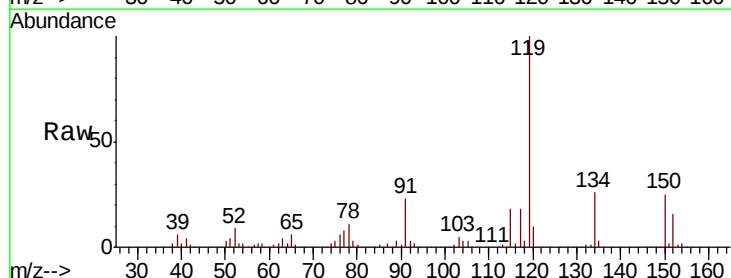
Tgt Ion:119 Resp: 253764

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 23.5 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

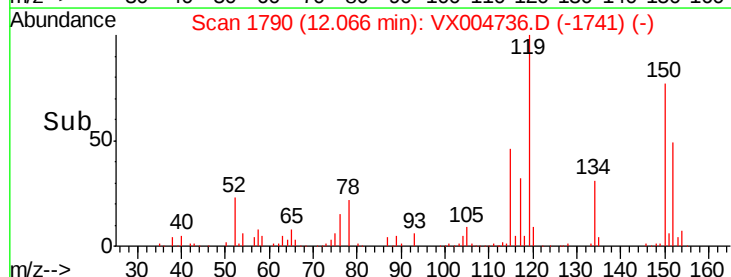
150000

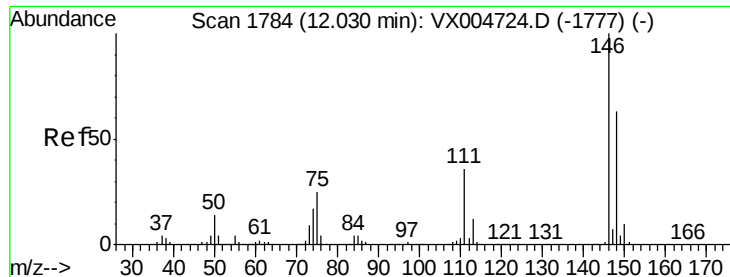
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.538 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

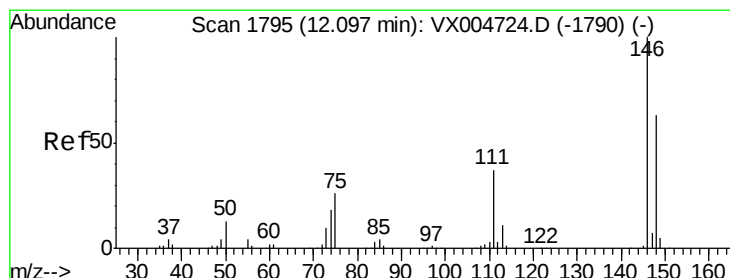
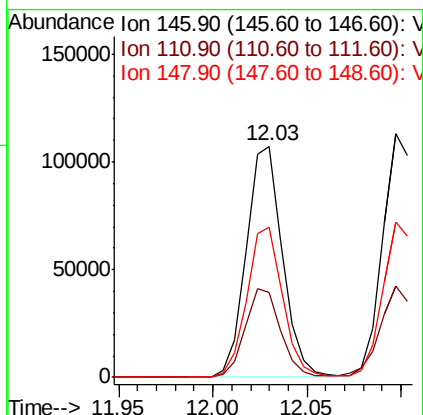
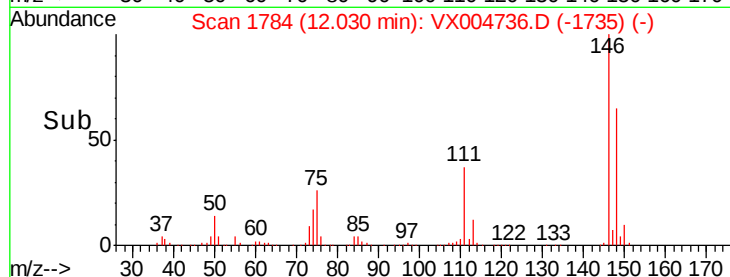
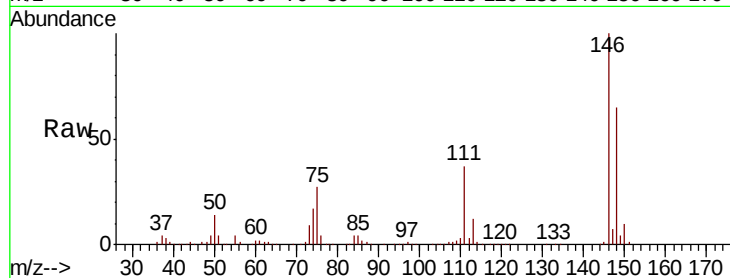
Tot Ion:146 Resp: 143082

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 64.2 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.229 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

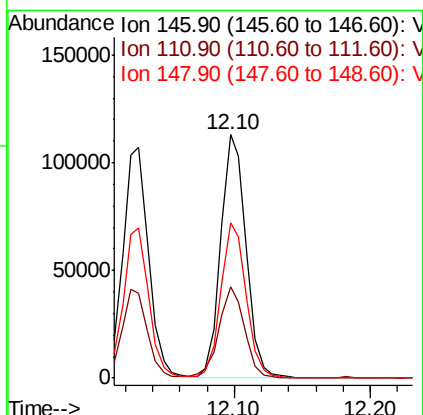
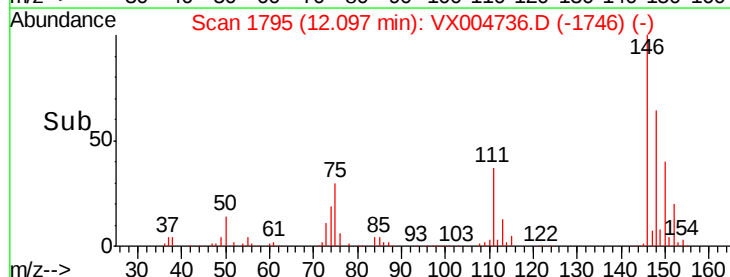
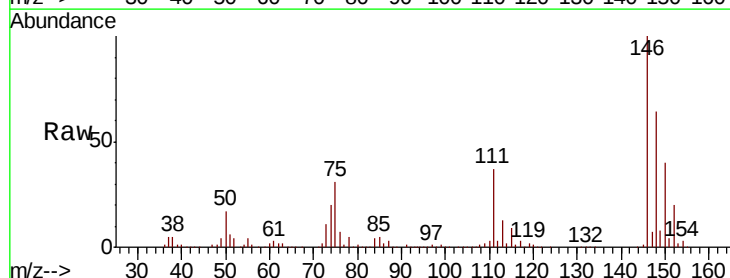
Tgt Ion:146 Resp: 145480

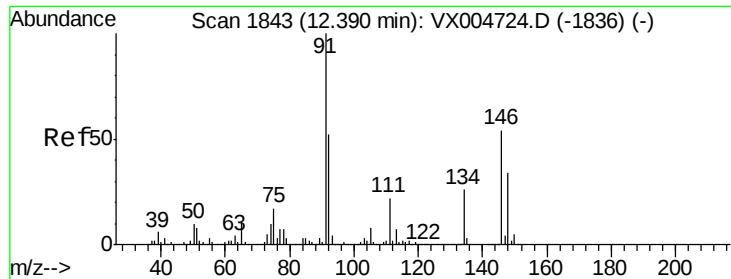
Ion Ratio Lower Upper

146 100

111 37.7 18.1 54.1

148 63.9 32.0 96.0

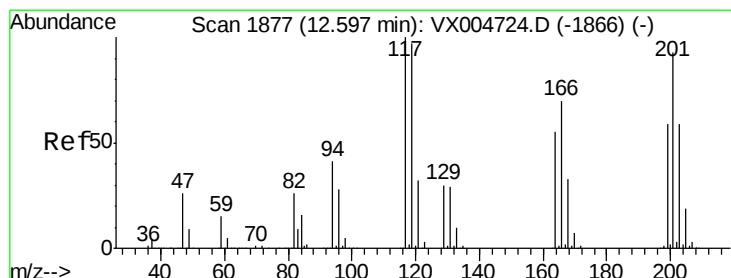
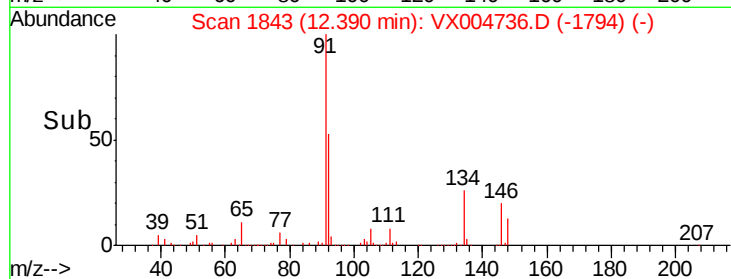
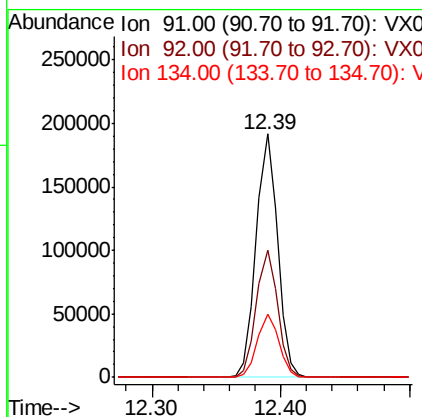
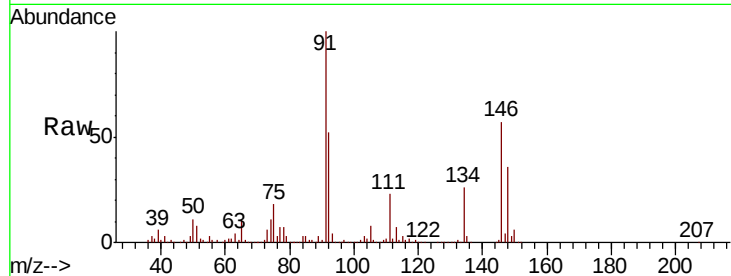




#89
n-Butylbenzene
Concen: 20.699 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

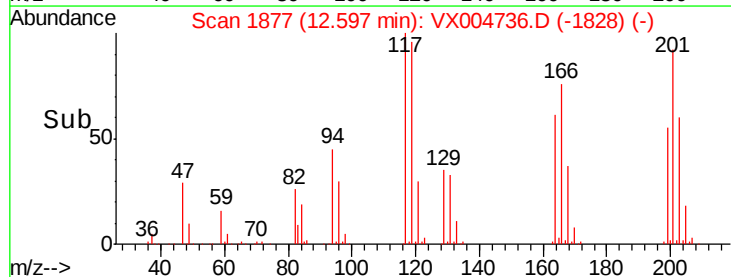
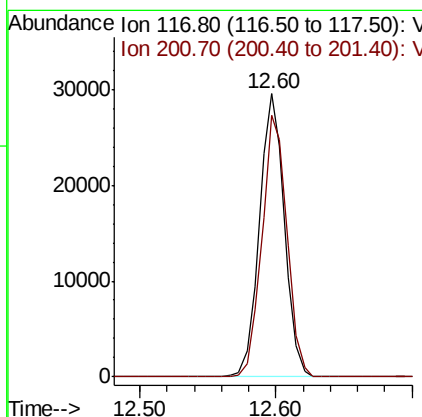
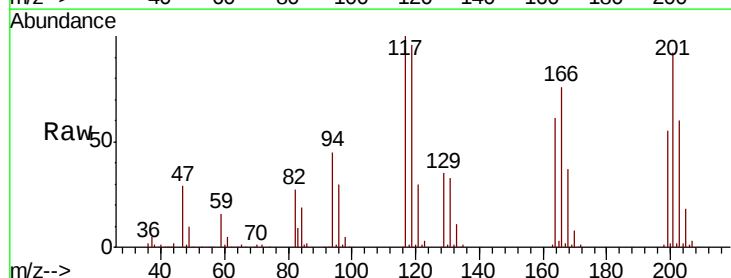
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

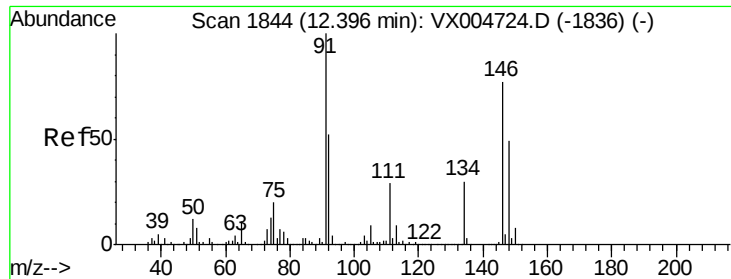
Tot Ion: 91 Resp: 219387
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 26.1 13.6 40.7



#90
Hexachloroethane
Concen: 19.607 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004736.D
Acq: 26 Sep 2018 19:42

Tgt Ion: 117 Resp: 38098
Ion Ratio Lower Upper
117 100
201 92.4 46.9 140.6

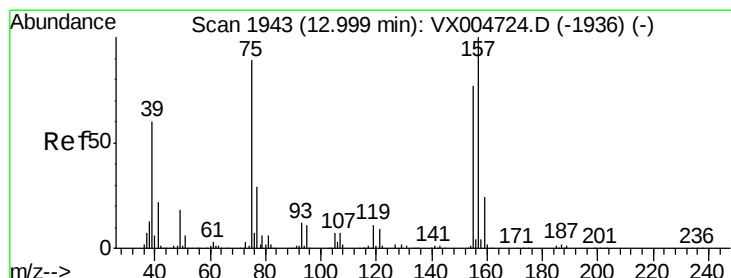
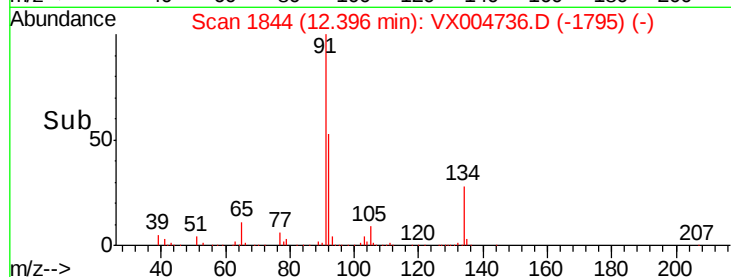
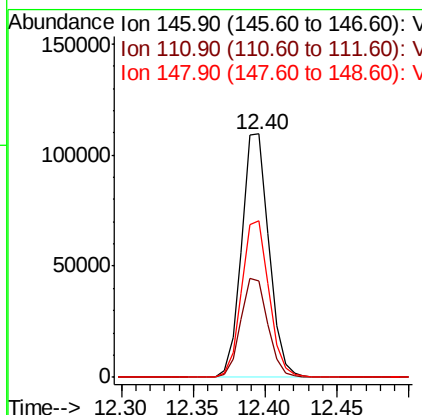
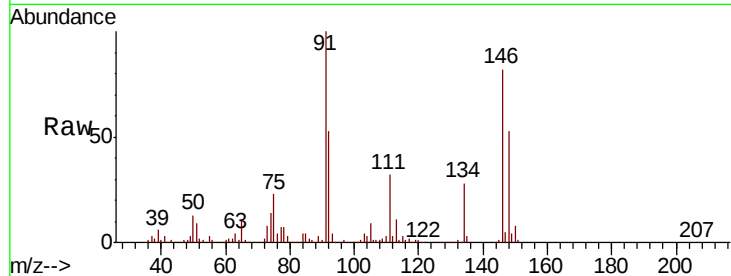




#91
 1,2-Dichlorobenzene
 Concen: 19.815 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

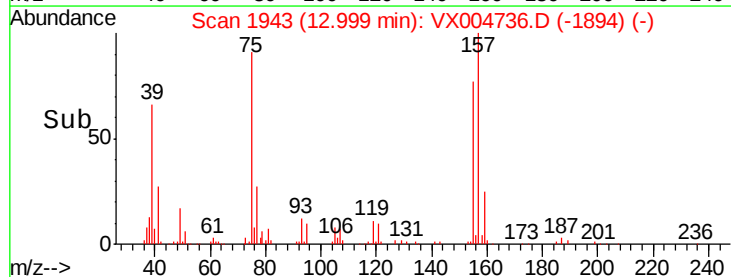
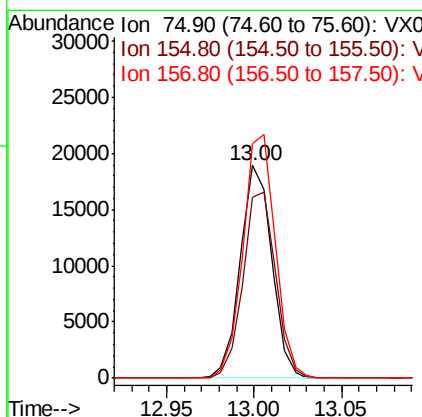
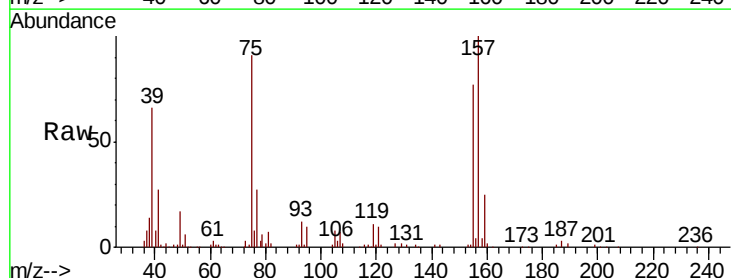
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

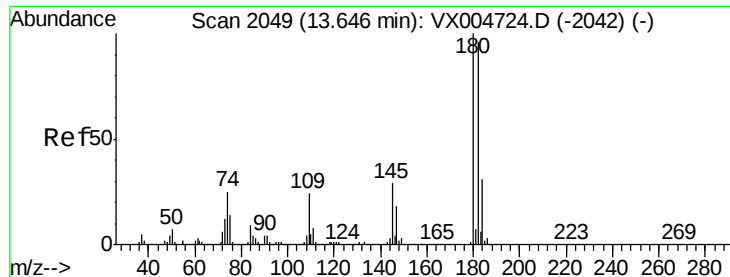
Tot Ion:146 Resp: 144260
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.1
 148 64.5 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.692 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion: 75 Resp: 23755
 Ion Ratio Lower Upper
 75 100
 155 90.2 48.0 144.2
 157 117.3 61.4 184.1

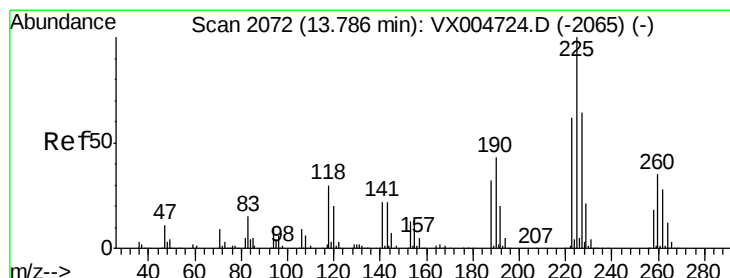
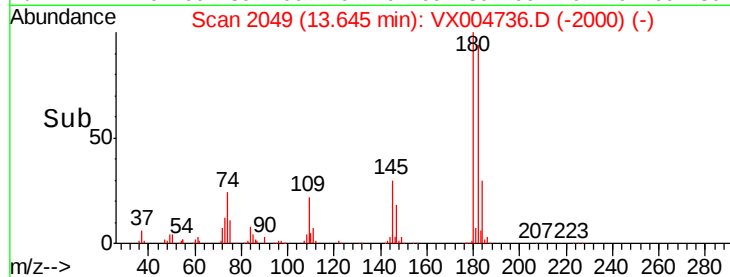
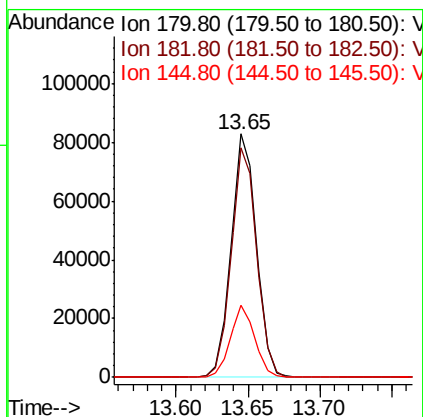
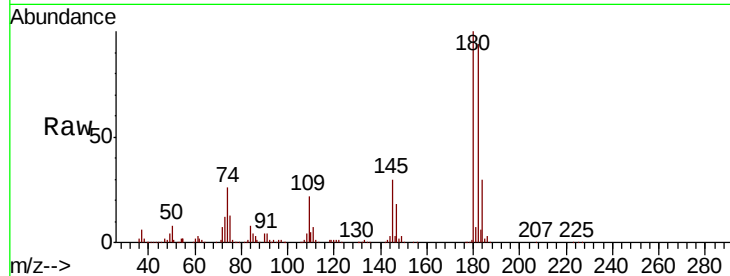




#93
 1,2,4-Trichlorobenzene
 Concen: 20.028 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

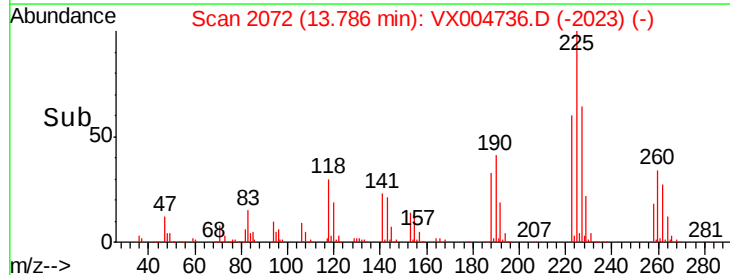
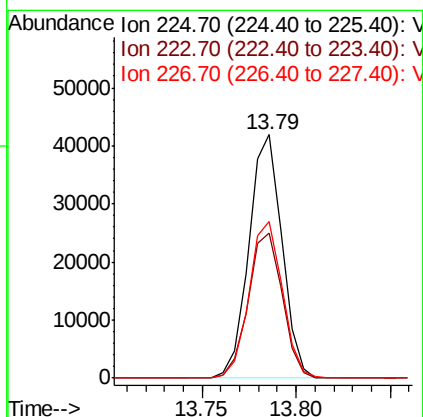
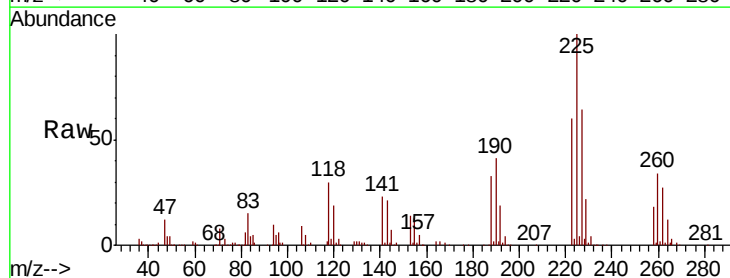
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

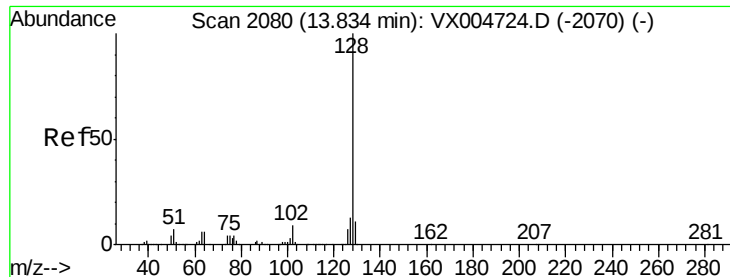
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.0
145	28.6	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 19.275 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004736.D
 Acq: 26 Sep 2018 19:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.1	90.5
227	64.6	30.8	92.4





#95

Naphthalene

Concen: 19.946 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

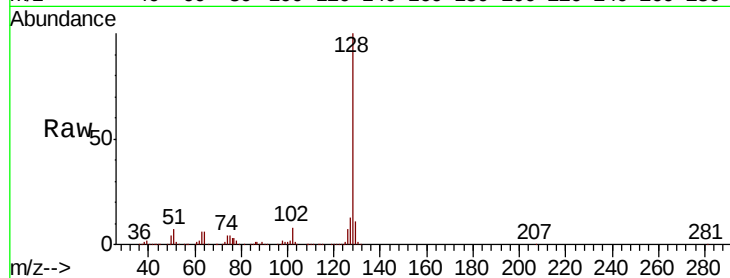
Tot Ion:128 Resp: 330666

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

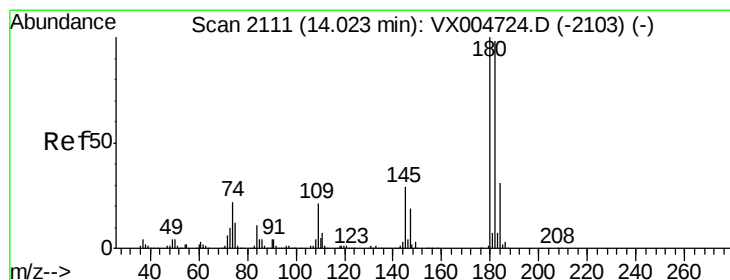
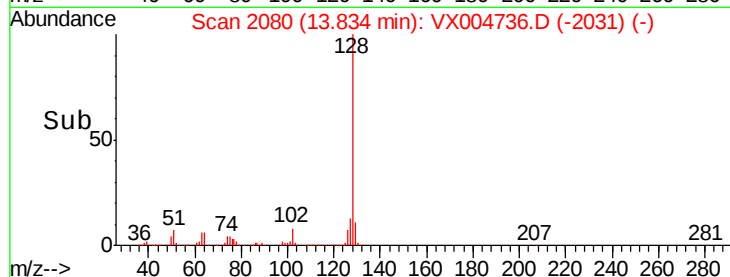
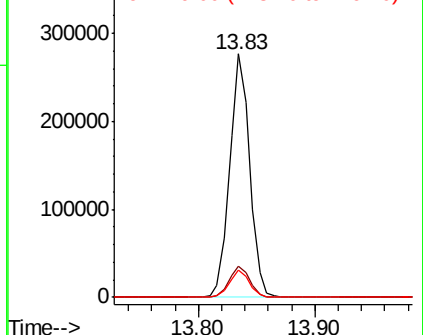
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.290 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004736.D

Acq: 26 Sep 2018 19:42

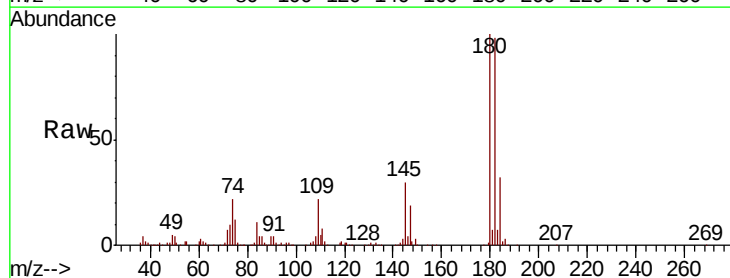
Tgt Ion:180 Resp: 107043

Ion Ratio Lower Upper

180 100

182 97.0 48.5 145.6

145 30.5 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

