

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004730.D
 Acq On : 26 Sep 2018 17:01
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Quant Time: Sep 27 01:11:28 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	5.66	168	273235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216663	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	203074	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
35) Dibromofluoromethane	5.51	113	164615	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	8.71	98	591456	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	11.14	95	213638	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88501	23.756	ug/l	94
3) Chloromethane	1.32	50	98887	21.878	ug/l	98
4) Vinyl Chloride	1.40	62	94034	22.182	ug/l	95
5) Bromomethane	1.64	94	57519	22.881	ug/l	98
6) Chloroethane	1.72	64	57134	23.497	ug/l	98
7) Trichlorofluoromethane	1.93	101	110847	21.121	ug/l #	82
8) Diethyl Ether	2.18	74	48463	21.256	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66223	22.152	ug/l	98
10) Methyl Iodide	2.51	142	73623	18.404	ug/l	94
11) Tert butyl alcohol	3.08	59	113317	103.831	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61306	20.707	ug/l	97
13) Acrolein	2.29	56	78797	101.477	ug/l	100
14) Allyl chloride	2.73	41	136856	21.186	ug/l	93
15) Acrylonitrile	3.15	53	253673	105.587	ug/l	99
16) Acetone	2.45	43	235950	103.544	ug/l	97
17) Carbon Disulfide	2.57	76	193344	21.733	ug/l	99
18) Methyl Acetate	2.78	43	119269	20.658	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	217211	21.270	ug/l	94
20) Methylene Chloride	2.85	84	69417	20.456	ug/l	87
21) trans-1,2-Dichloroethene	3.15	96	65766	20.292	ug/l	91
22) Diisopropyl ether	3.87	45	231553	21.287	ug/l #	85
23) Vinyl Acetate	3.82	43	1043295	104.780	ug/l	96
24) 1,1-Dichloroethane	3.70	63	127472	19.645	ug/l	98
25) 2-Butanone	4.70	43	355565	105.856	ug/l	95
26) 2,2-Dichloropropane	4.57	77	94637	20.945	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	76023	20.998	ug/l	96
28) Bromochloromethane	5.02	49	62418	20.428	ug/l	93
29) Tetrahydrofuran	5.16	42	221653	106.171	ug/l	95
30) Chloroform	5.21	83	127954	20.865	ug/l	99
31) Cyclohexane	5.57	56	114212	22.998	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	102573	20.481	ug/l	100
36) 1,1-Dichloropropene	5.80	75	88996	20.185	ug/l	97
37) Ethyl Acetate	4.85	43	124233	21.228	ug/l	98
38) Carbon Tetrachloride	5.77	117	90217	19.466	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Quant Time: Sep 27 01:11:28 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	100665	22.360	ug/l	95
40) Benzene	6.15	78	277215	20.084	ug/l #	89
41) Methacrylonitrile	5.06	41	67318	20.741	ug/l	97
42) 1,2-Dichloroethane	6.20	62	100974	20.693	ug/l	98
43) Isopropyl Acetate	6.46	43	178445	21.125	ug/l	95
44) Trichloroethene	7.21	130	71676	21.123	ug/l	80
45) 1,2-Dichloropropane	7.52	63	69457	20.519	ug/l	93
46) Dibromomethane	7.66	93	45024	21.165	ug/l	96
47) Bromodichloromethane	7.90	83	82977	20.833	ug/l	98
48) Methyl methacrylate	7.77	41	84682	22.087	ug/l	94
49) 1,4-Dioxane	7.76	88	40932	429.724	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	587837	110.523	ug/l	95
52) Toluene	8.79	92	161594	21.306	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	91413	20.310	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	102511	21.745	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	65963	19.855	ug/l	94
56) Ethyl methacrylate	9.18	69	99242	20.217	ug/l	95
57) 1,3-Dichloropropane	9.37	76	112238	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	293635	110.974	ug/l	93
59) 2-Hexanone	9.50	43	463657	104.612	ug/l	93
60) Dibromochloromethane	9.59	129	65286	19.649	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68800	19.337	ug/l	99
64) Tetrachloroethene	9.34	164	68850	19.421	ug/l	98
65) Chlorobenzene	10.14	112	179569	19.441	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	62049	19.109	ug/l	99
67) Ethyl Benzene	10.26	91	295128	20.126	ug/l	99
68) m/p-Xylenes	10.36	106	234319	40.891	ug/l	94
69) o-Xylene	10.70	106	111042	21.097	ug/l	96
70) Styrene	10.71	104	187485	20.371	ug/l	96
71) Bromoform	10.86	173	51513	18.530	ug/l #	99
73) Isopropylbenzene	11.02	105	301451	22.074	ug/l	99
74) N-amyl acetate	10.90	43	138299	19.528	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	106903	19.230	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120373	24.787	ug/l	89
77) Bromobenzene	11.26	156	80465	20.285	ug/l	97
78) n-propylbenzene	11.36	91	351463	22.430	ug/l	99
79) 2-Chlorotoluene	11.42	91	211923	21.698	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	258102	20.504	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	28950	17.600	ug/l	96
82) 4-Chlorotoluene	11.51	91	248527	21.618	ug/l	100
83) tert-Butylbenzene	11.77	119	246829	21.952	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	266337	20.517	ug/l	98
85) sec-Butylbenzene	11.94	105	304670	22.246	ug/l	99
86) p-Isopropyltoluene	12.07	119	272973	22.000	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	151958	20.516	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153068	20.019	ug/l	98
89) n-Butylbenzene	12.39	91	243503	21.608	ug/l	97
90) Hexachloroethane	12.60	117	39560	19.149	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	149846	19.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23996	19.659	ug/l	95

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Instrument :
MSVOA_X
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VX0926WBS01

Quant Time: Sep 27 01:11:28 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	112318	20.685	ug/l	100
94) Hexachlorobutadiene	13.79	225	58097	20.633	ug/l	97
95) Naphthalene	13.83	128	348224	19.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	113521	20.239	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

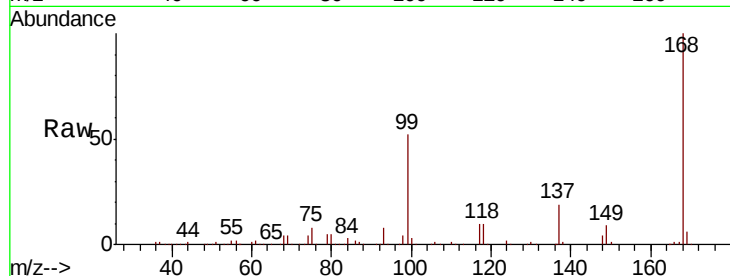
VX0926WBS01

Tot Ion:168 Resp: 273235

Ion Ratio Lower Upper

168 100

99 52.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

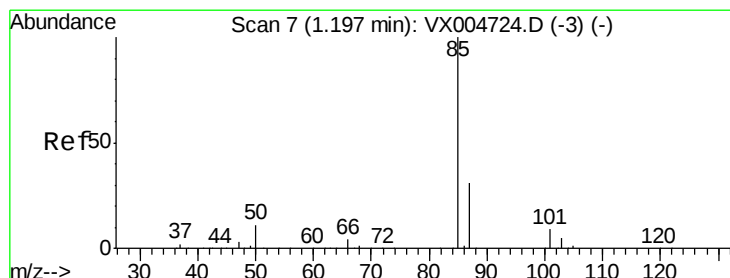
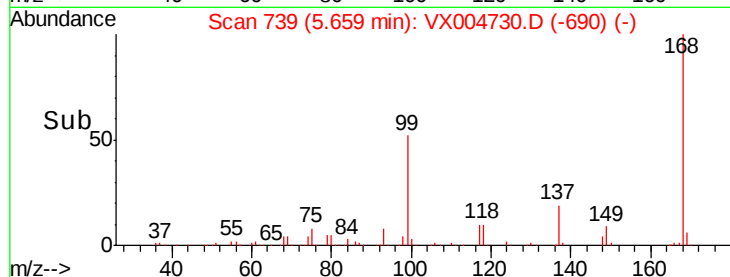
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 23.756 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004730.D

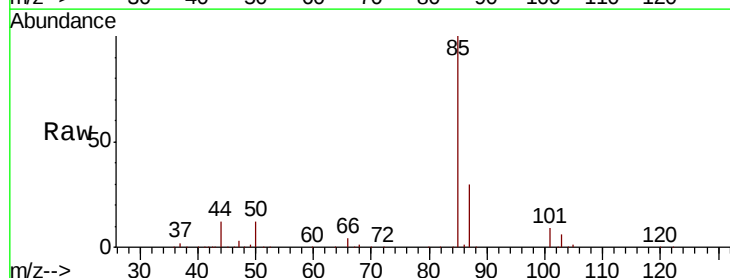
Acq: 26 Sep 2018 17:01

Tgt Ion: 85 Resp: 88501

Ion Ratio Lower Upper

85 100

87 30.3 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

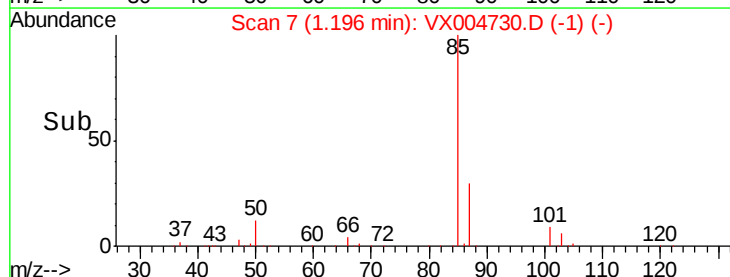
40000

20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.878 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

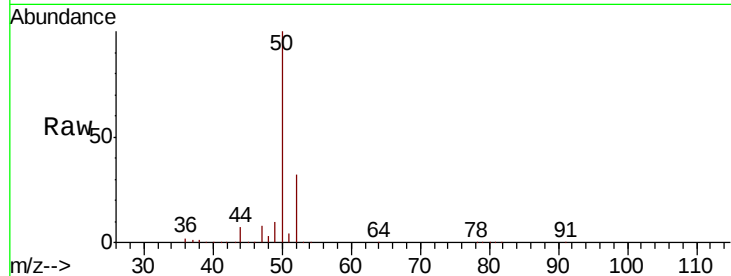
VX0926WBS01

Tot Ion: 50 Resp: 98887

Ion Ratio Lower Upper

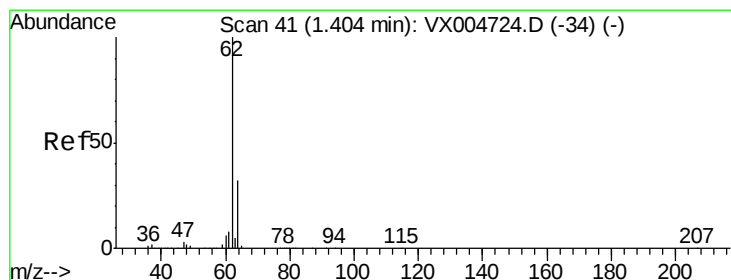
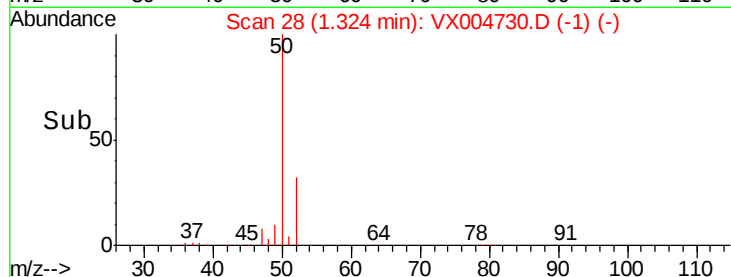
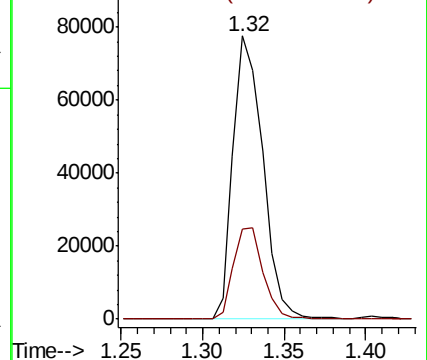
50 100

52 31.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.182 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004730.D

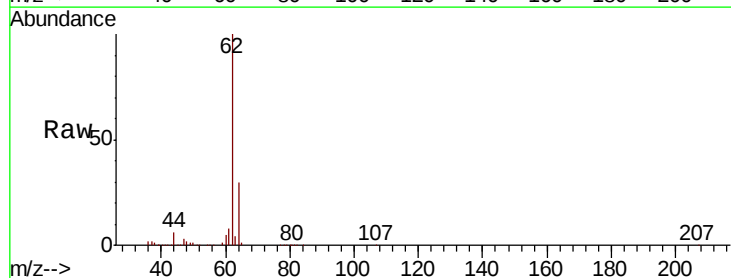
Acq: 26 Sep 2018 17:01

Tgt Ion: 62 Resp: 94034

Ion Ratio Lower Upper

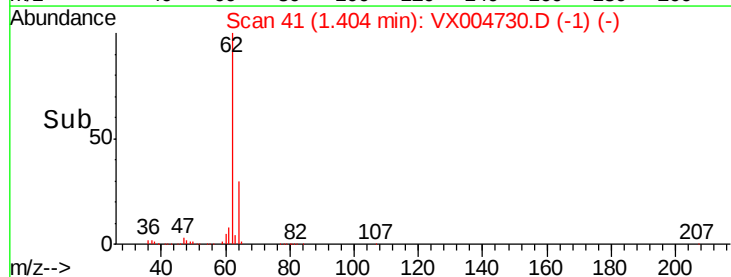
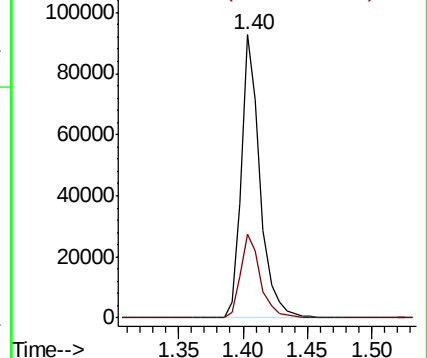
62 100

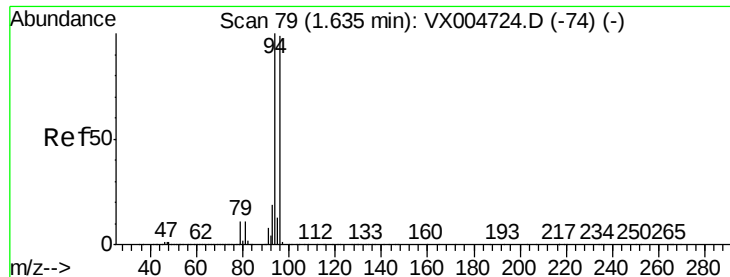
64 29.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.881 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

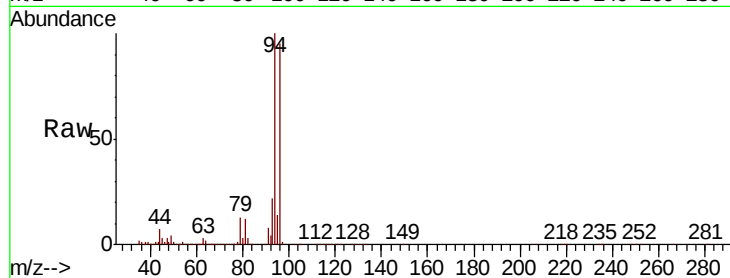
VX0926WBS01

Tot Ion: 94 Resp: 57519

Ion Ratio Lower Upper

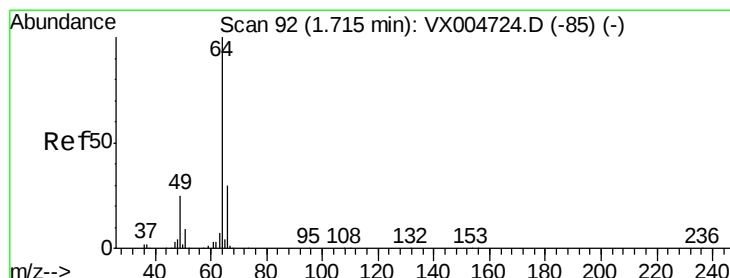
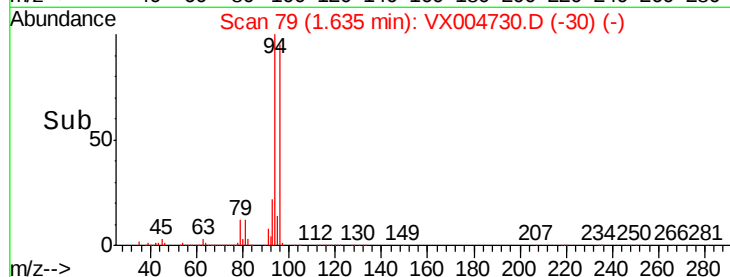
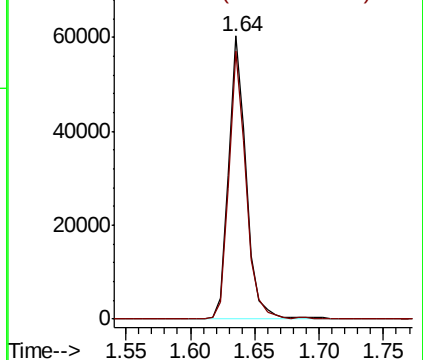
94 100

96 94.9 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: 23.497 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004730.D

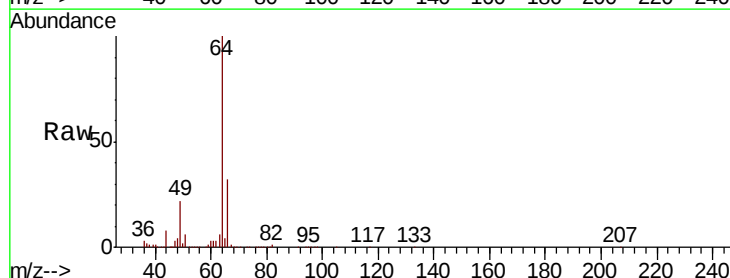
Acq: 26 Sep 2018 17:01

Tgt Ion: 64 Resp: 57134

Ion Ratio Lower Upper

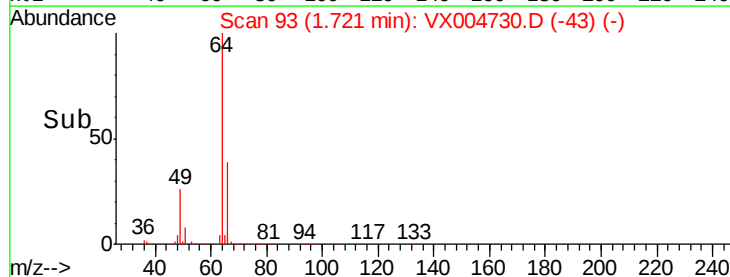
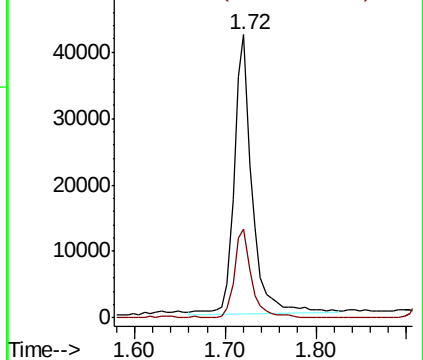
64 100

66 32.0 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: 21.121 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

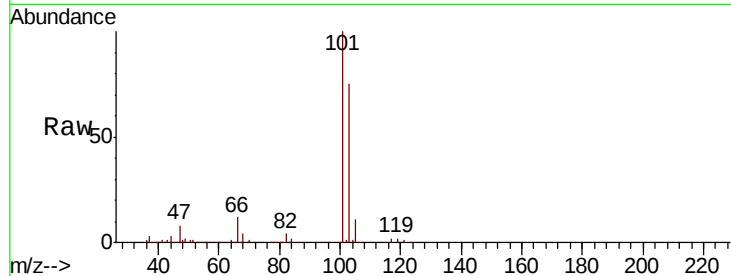
VX0926WBS01

Tot Ion:101 Resp: 110847

Ion Ratio Lower Upper

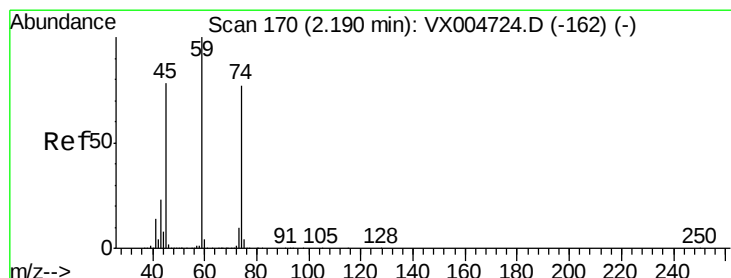
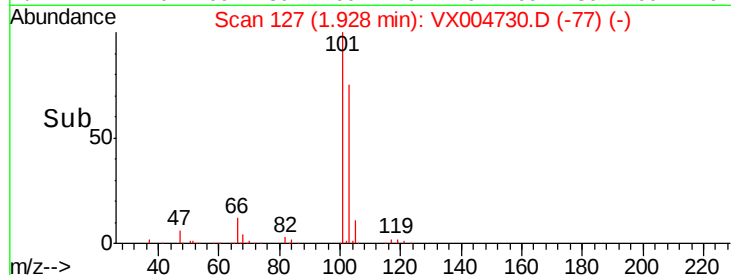
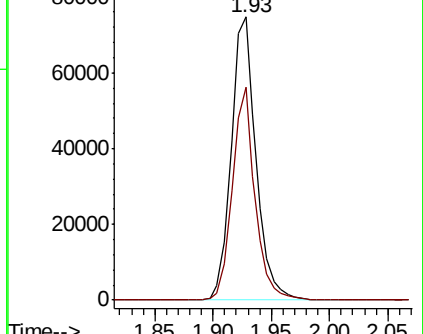
101 100

103 75.1 48.9 73.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.256 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX004730.D

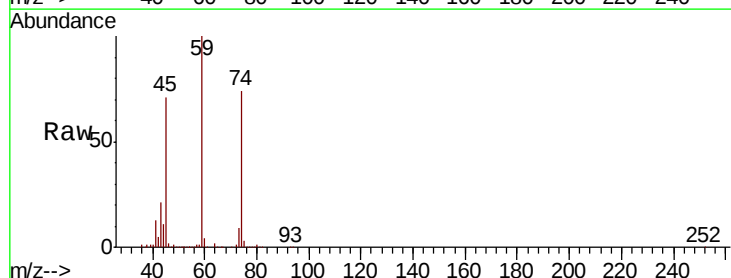
Acq: 26 Sep 2018 17:01

Tgt Ion: 74 Resp: 48463

Ion Ratio Lower Upper

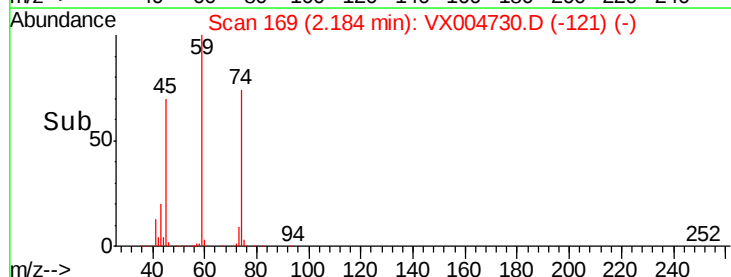
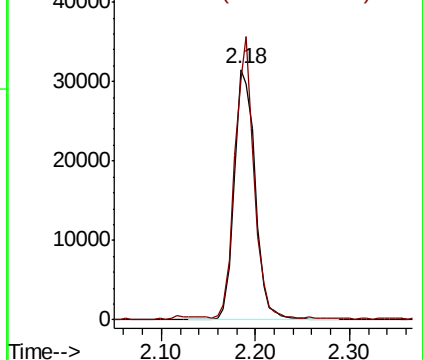
74 100

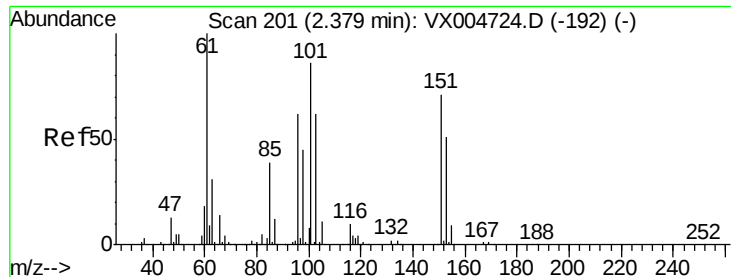
45 102.2 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.152 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

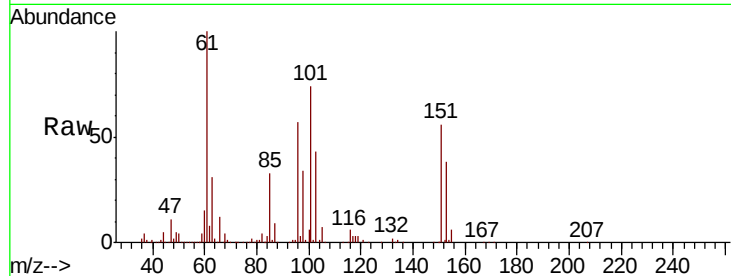
Tot Ion:101 Resp: 66223

Ion Ratio Lower Upper

101 100

85 45.0 34.2 51.4

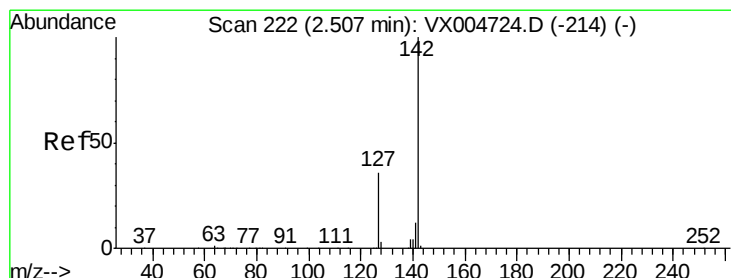
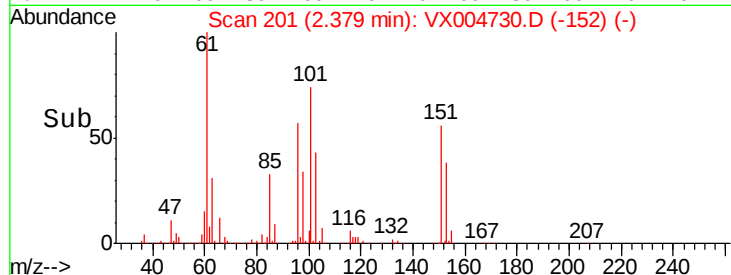
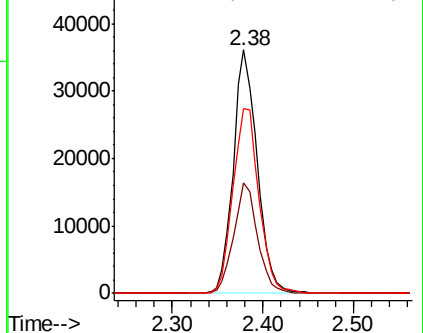
151 82.0 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.404 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

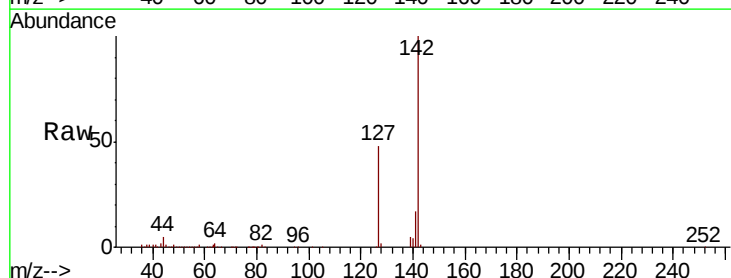
Tgt Ion:142 Resp: 73623

Ion Ratio Lower Upper

142 100

127 46.4 33.8 50.6

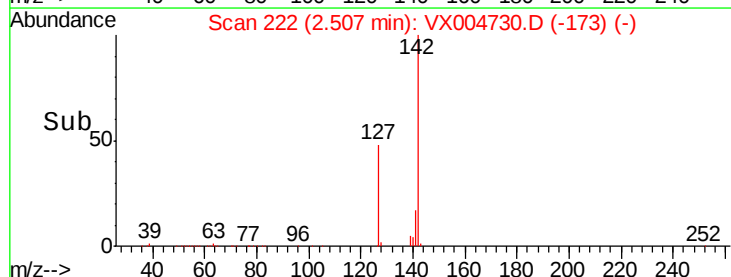
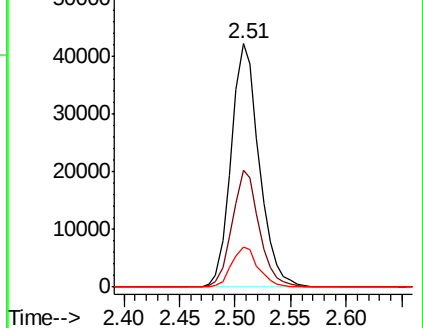
141 15.7 11.4 17.0

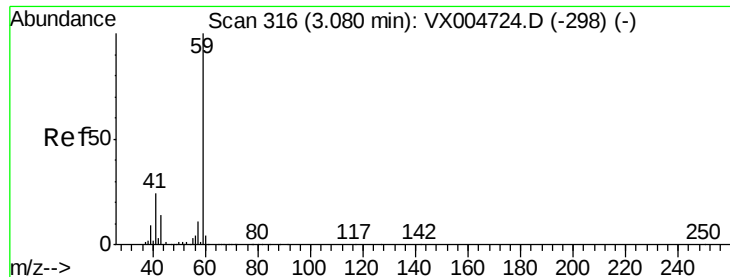


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

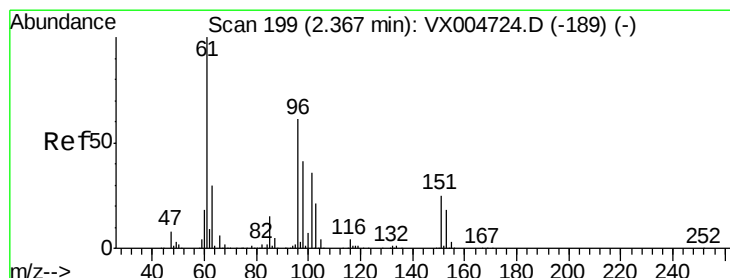
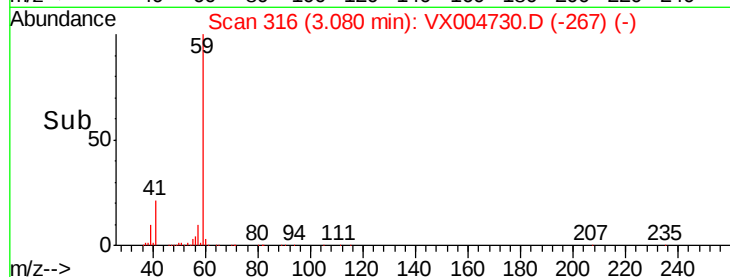
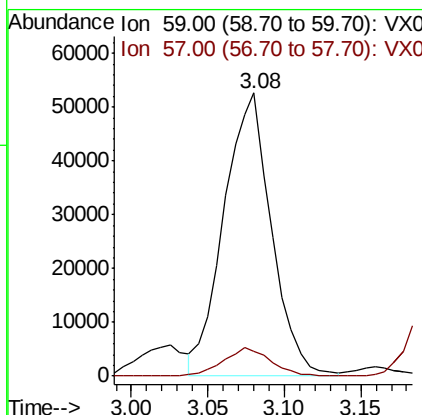
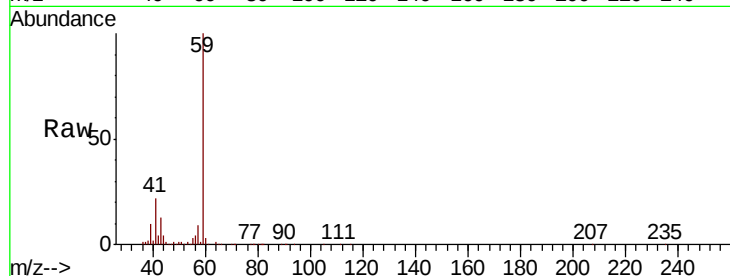




#11
Tert butyl alcohol
Concen: 103.831 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

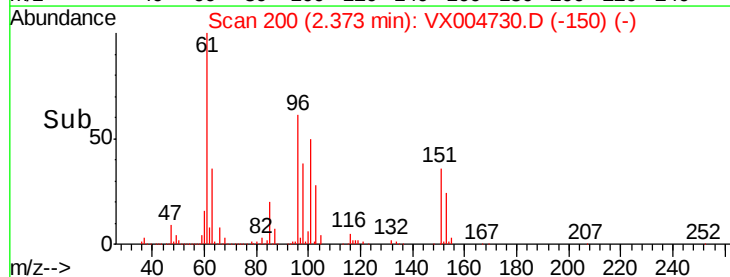
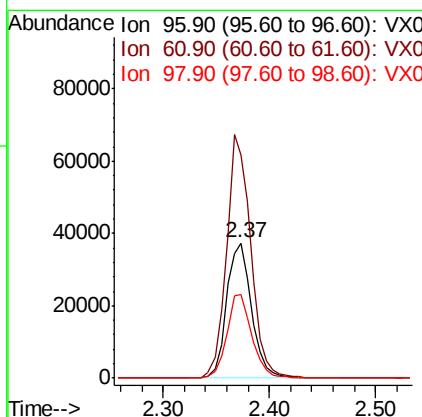
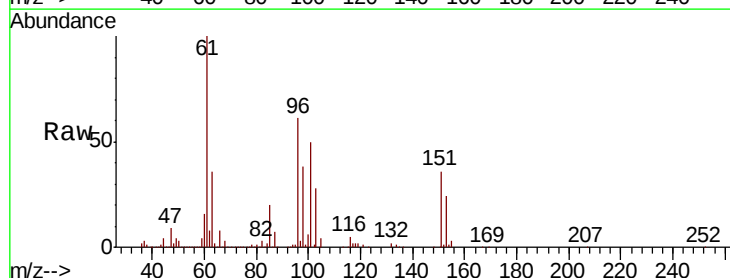
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

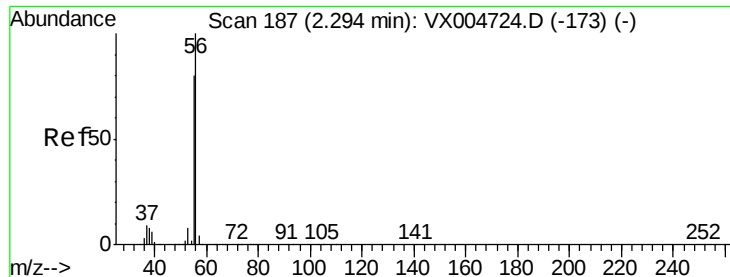
Tot Ion: 59 Resp: 113317
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.707 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 96 Resp: 61306
Ion Ratio Lower Upper
96 100
61 164.8 128.8 193.2
98 62.1 52.2 78.2

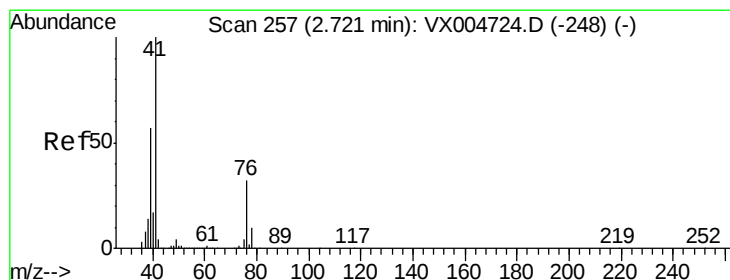
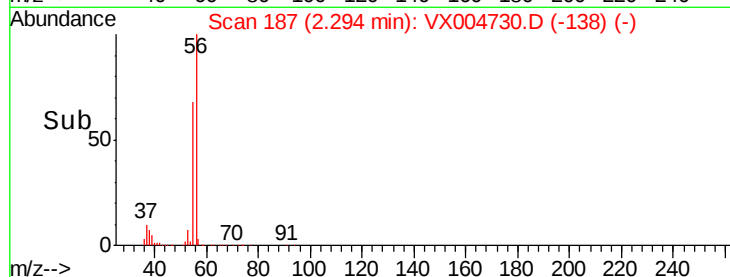
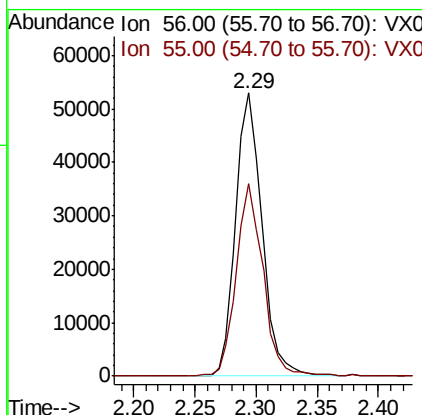
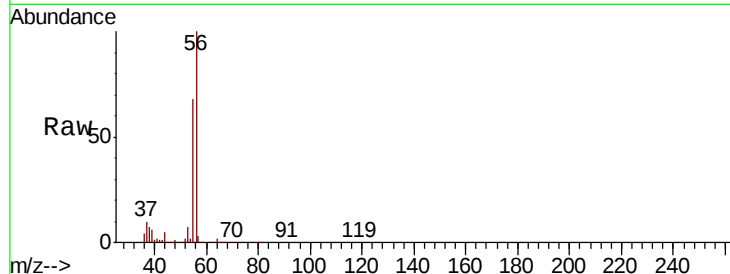




#13
 Acrolein
 Concen: 101.477 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

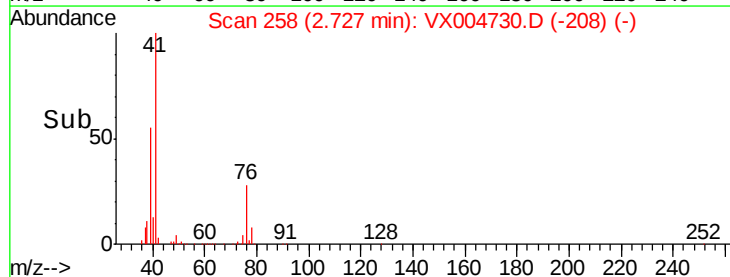
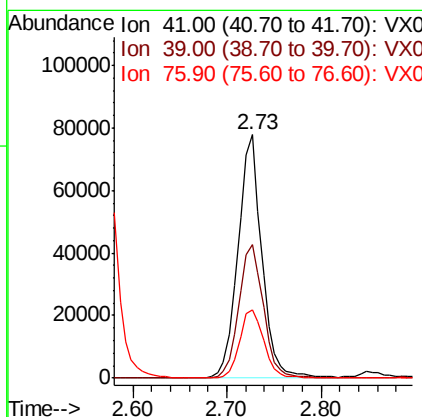
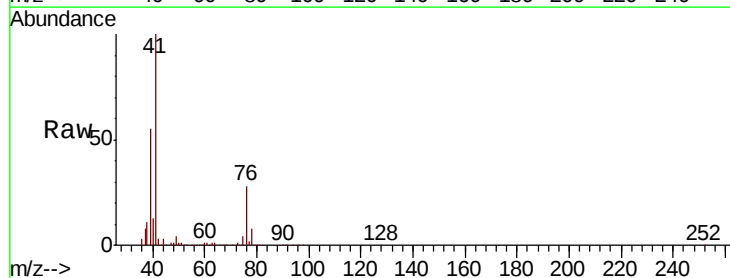
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion: 56 Resp: 78797
 Ion Ratio Lower Upper
 56 100
 55 68.3 54.7 82.1



#14
 Allyl chloride
 Concen: 21.186 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 41 Resp: 136856
 Ion Ratio Lower Upper
 41 100
 39 56.5 48.9 73.3
 76 29.0 26.7 40.1





#15

Acrylonitrile

Concen: 105.587 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

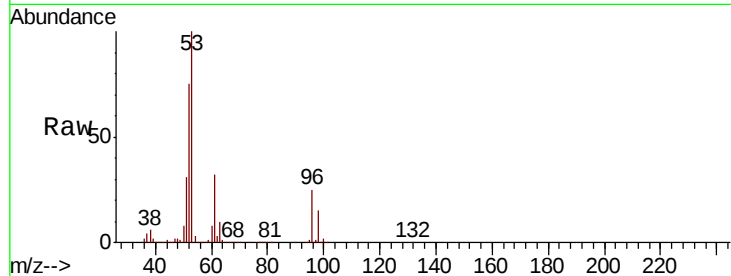
Tot Ion: 53 Resp: 253673

Ion Ratio Lower Upper

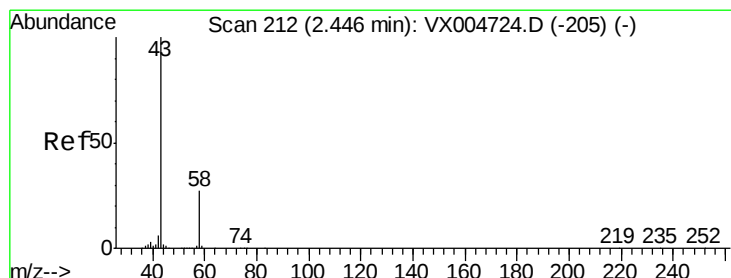
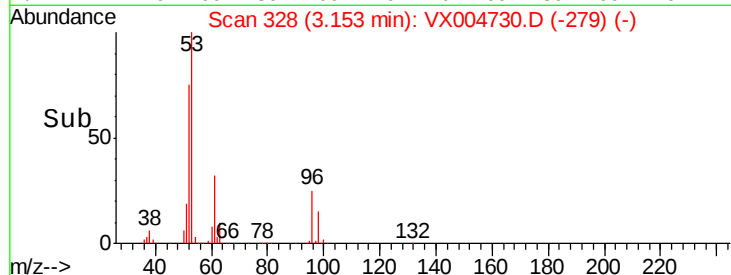
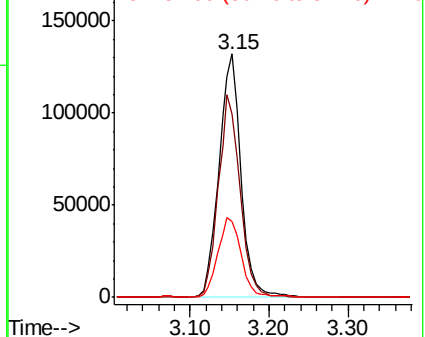
53 100

52 82.6 65.2 97.8

51 35.1 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: 103.544 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004730.D

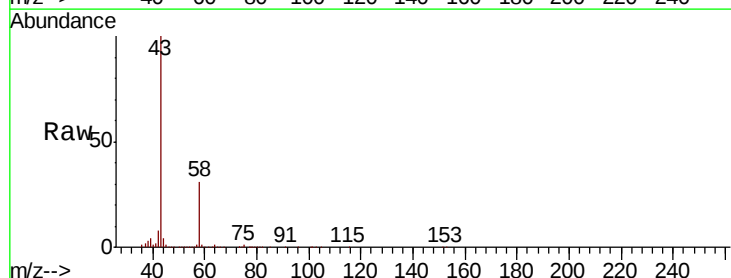
Acq: 26 Sep 2018 17:01

Tgt Ion: 43 Resp: 235950

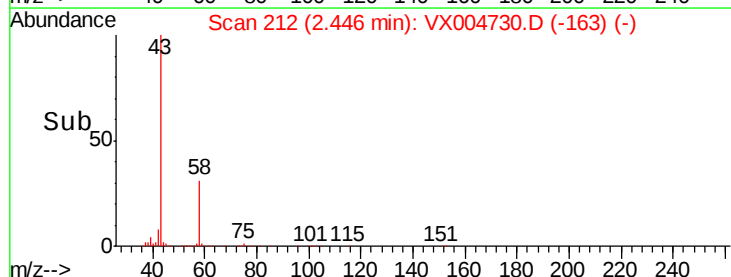
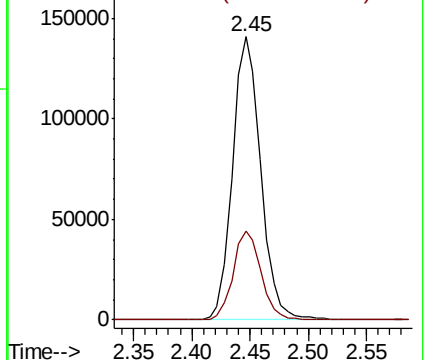
Ion Ratio Lower Upper

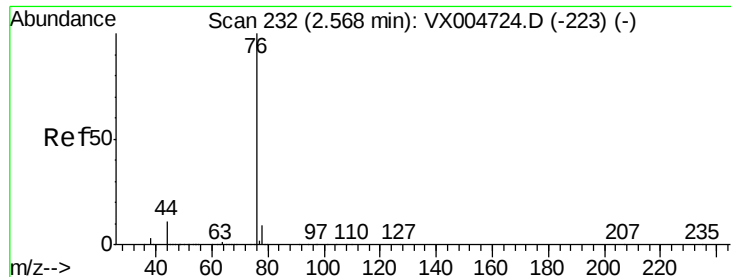
43 100

58 31.2 26.2 39.4



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

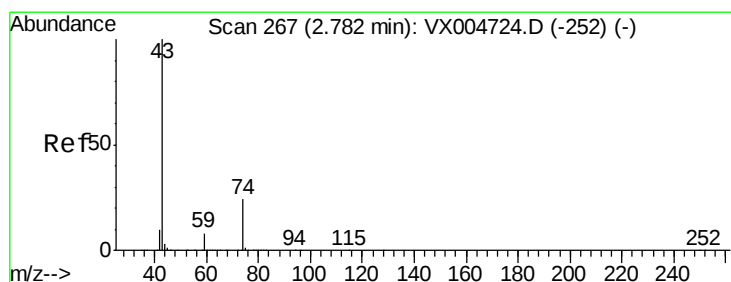
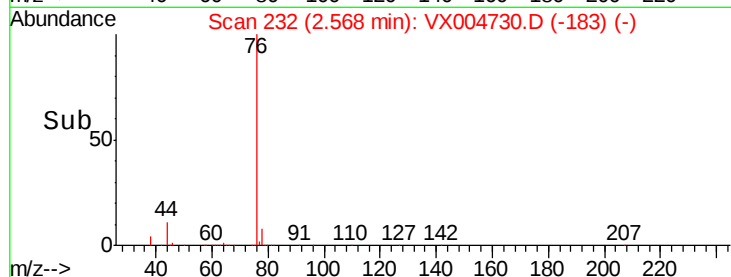
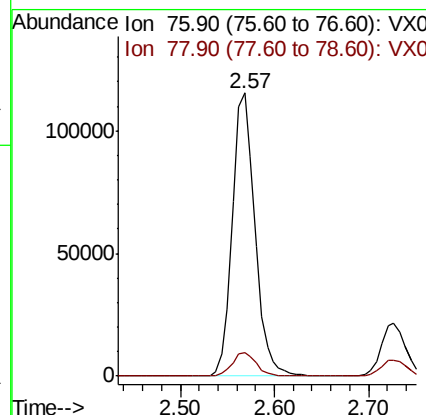
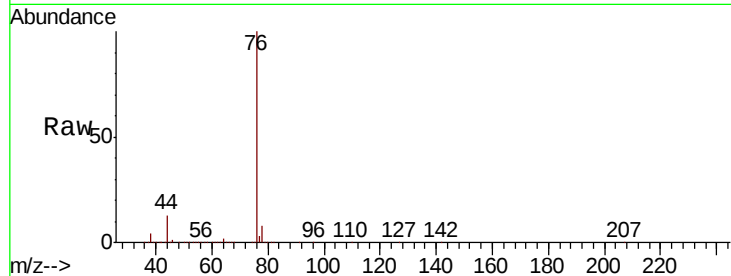




#17
Carbon Disulfide
Concen: 21.733 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

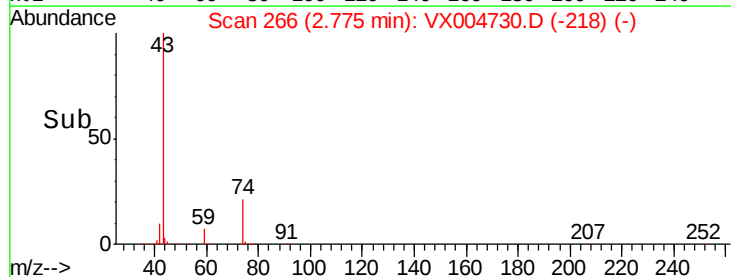
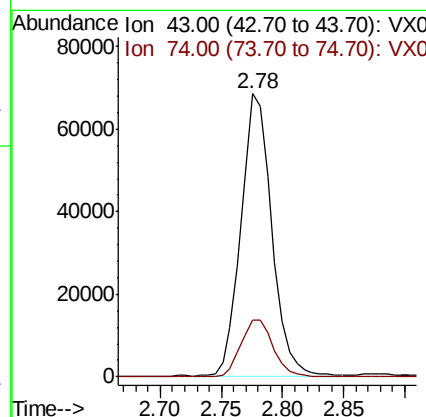
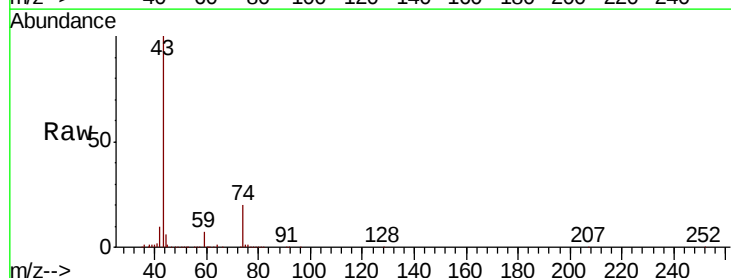
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

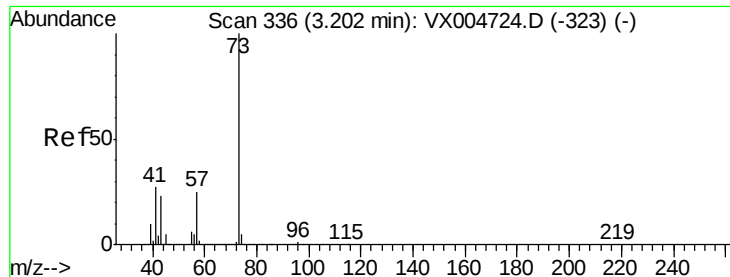
Tot Ion: 76 Resp: 193344
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 20.658 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 43 Resp: 119269
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2



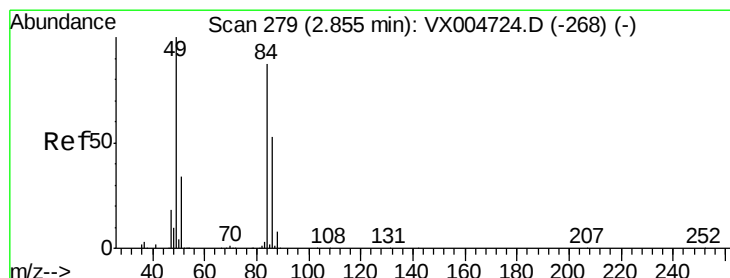
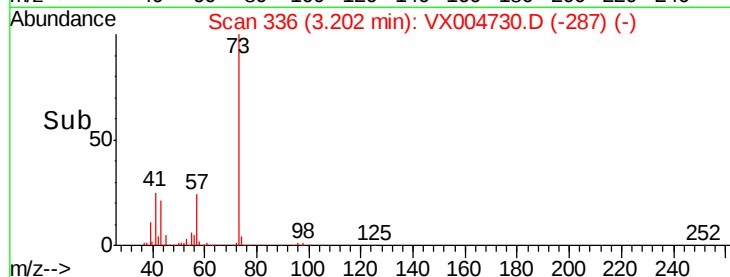
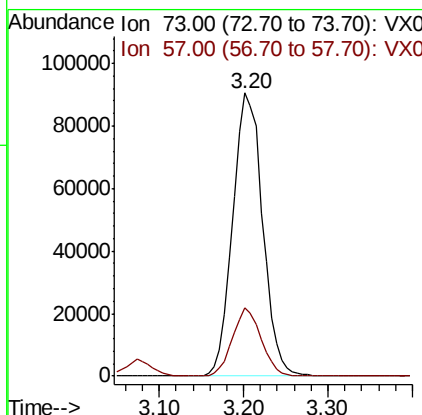
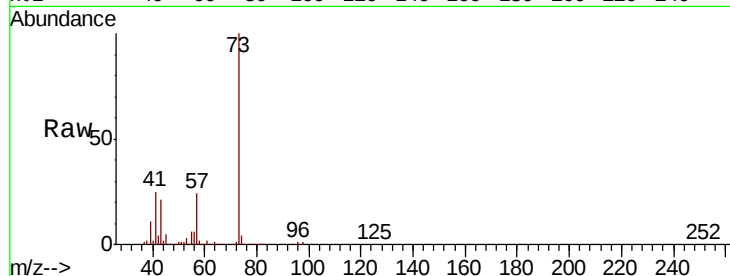


#19

Methyl tert-butyl Ether
 Concen: 21.270 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0926WBS01

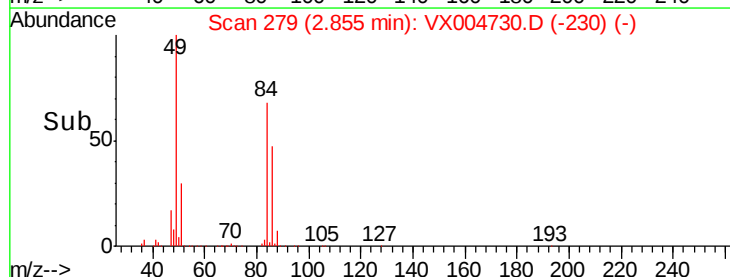
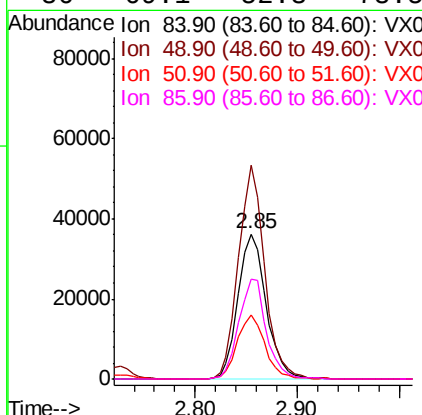
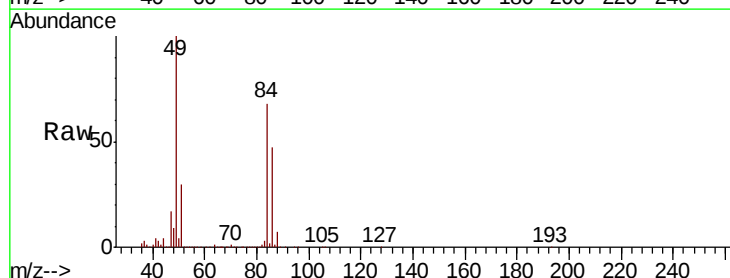
Tot Ion: 73 Resp: 217211
 Ion Ratio Lower Upper
 73 100
 57 24.1 17.1 25.7

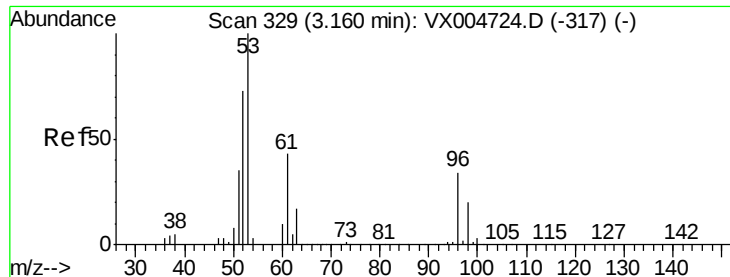


#20

Methylene Chloride
 Concen: 20.456 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 84 Resp: 69417
 Ion Ratio Lower Upper
 84 100
 49 147.4 101.2 151.8
 51 43.7 29.5 44.3
 86 69.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.292 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

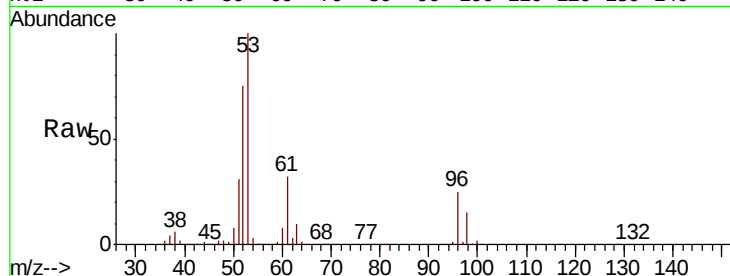
Tot Ion: 96 Resp: 65766

Ion Ratio Lower Upper

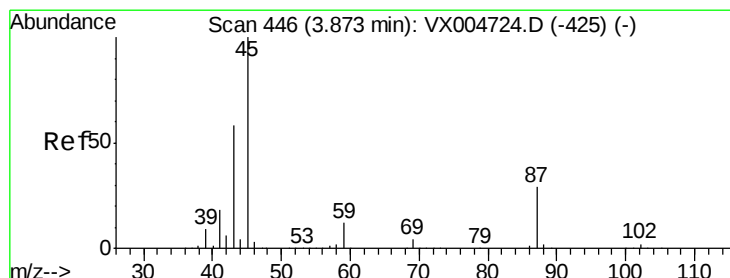
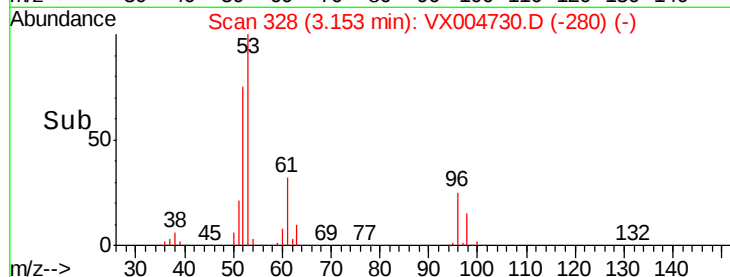
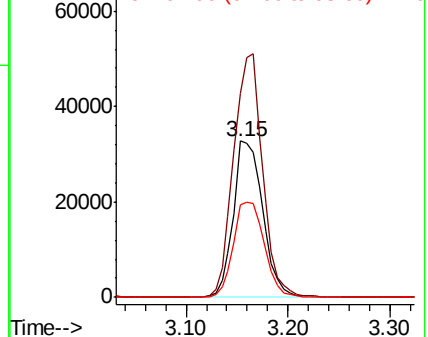
96 100

61 130.3 113.8 170.6

98 59.1 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: 21.287 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion: 45 Resp: 231553

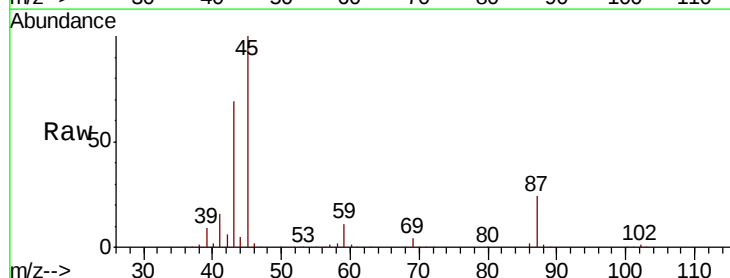
Ion Ratio Lower Upper

45 100

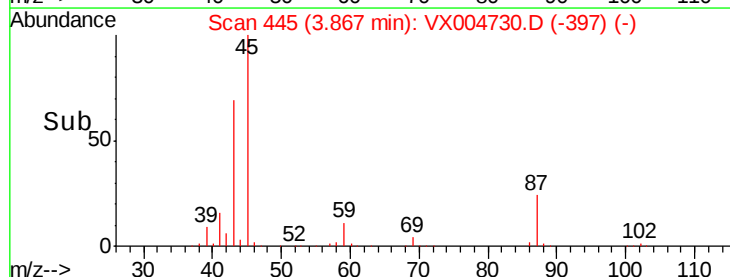
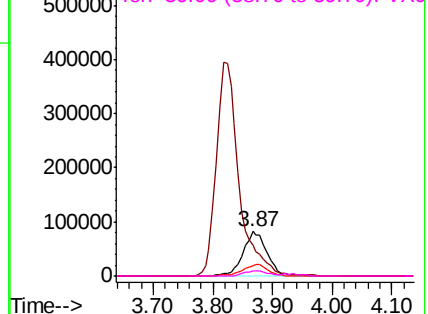
43 68.8 42.8 64.2#

87 23.6 22.6 34.0

59 11.2 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

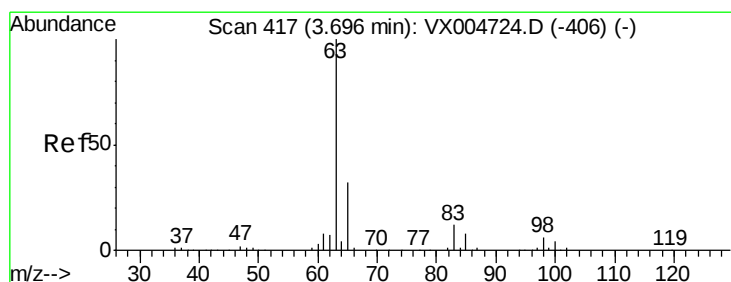
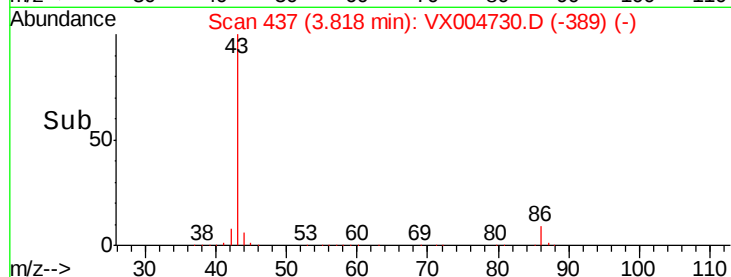
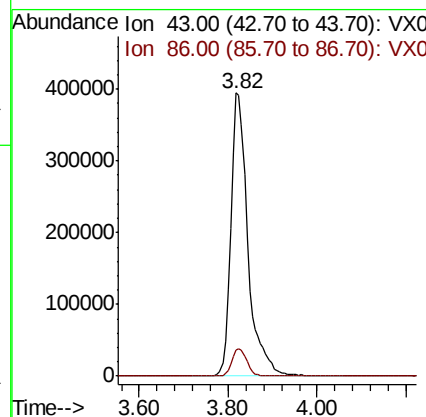
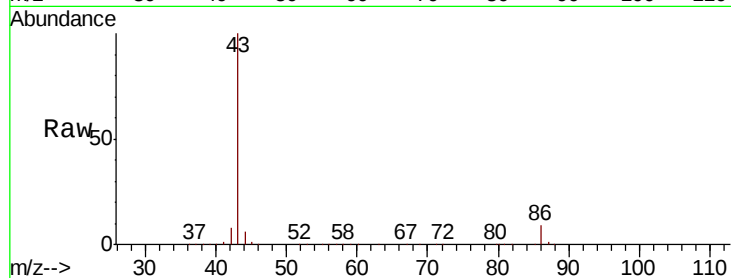




#23
 Vinyl Acetate
 Concen: 104.780 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

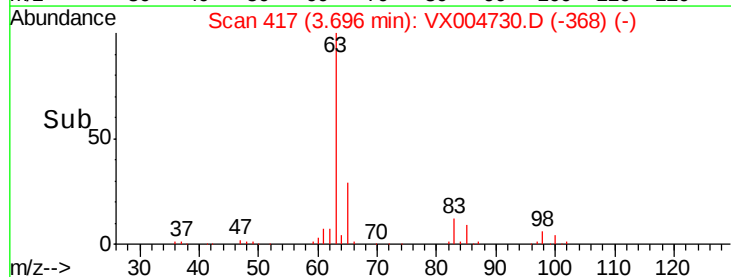
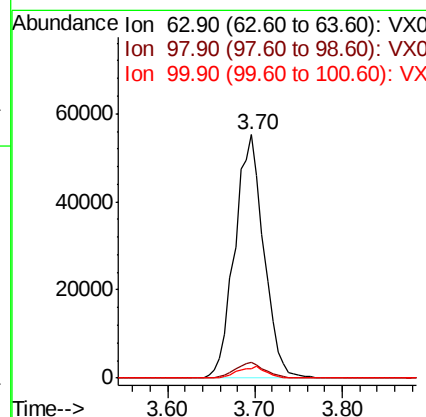
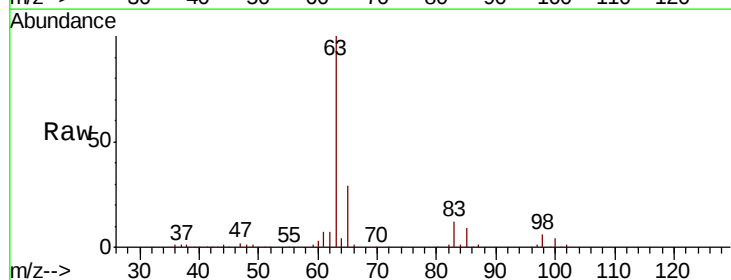
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

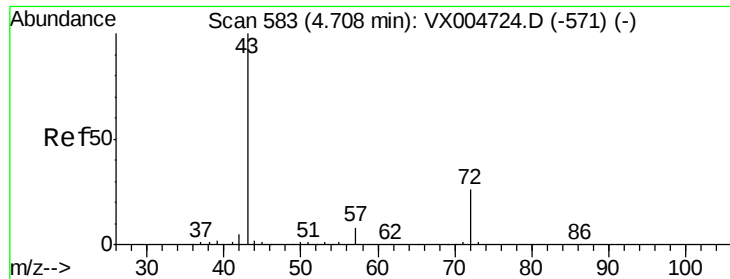
Tot Ion: 43 Resp: 1043295
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.645 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 63 Resp: 127472
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 3.8 2.4 7.1





#25

2-Butanone

Concen: 105.856 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

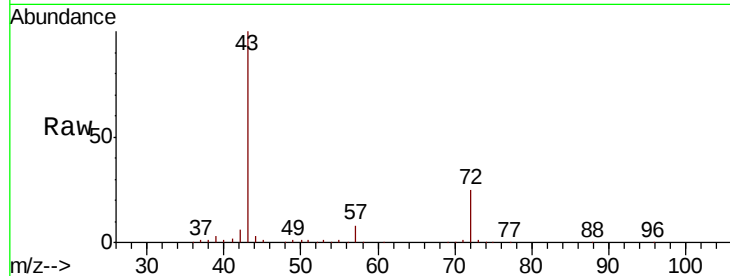
VX0926WBS01

Tot Ion: 43 Resp: 355565

Ion Ratio Lower Upper

43 100

72 25.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

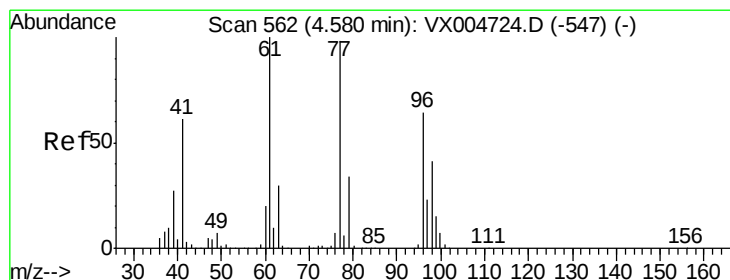
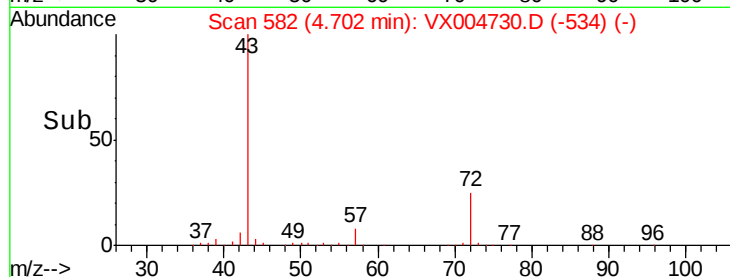
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.945 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004730.D

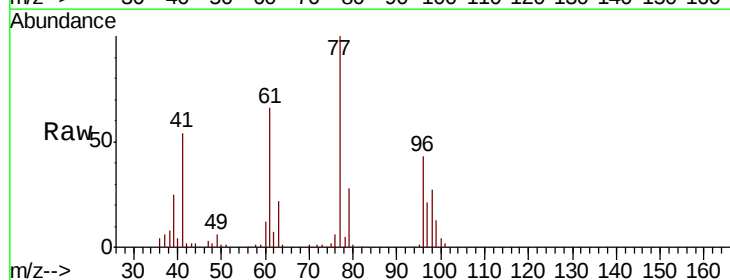
Acq: 26 Sep 2018 17:01

Tgt Ion: 77 Resp: 94637

Ion Ratio Lower Upper

77 100

97 24.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

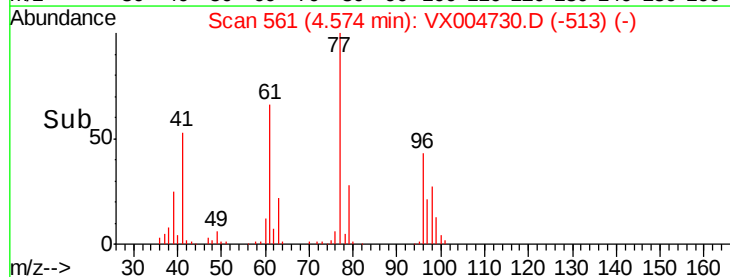
20000

10000

0

4.40 4.50 4.60 4.70

Time-->



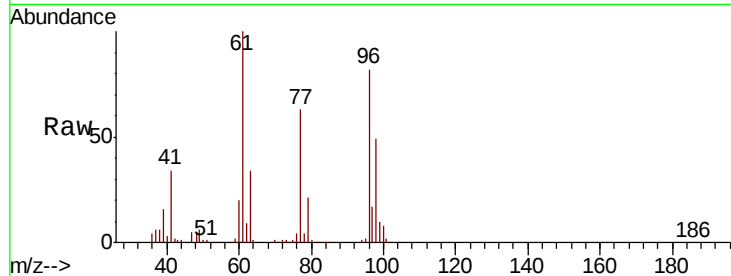


#27

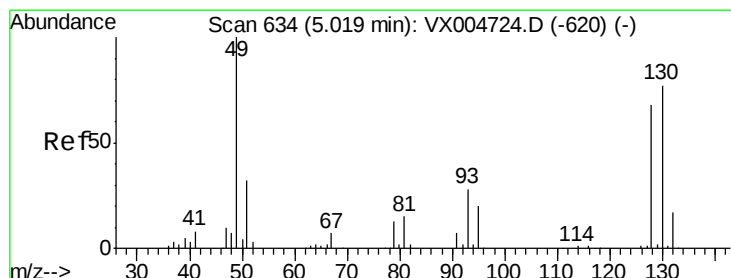
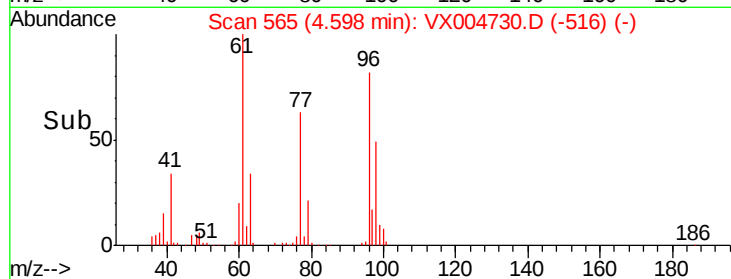
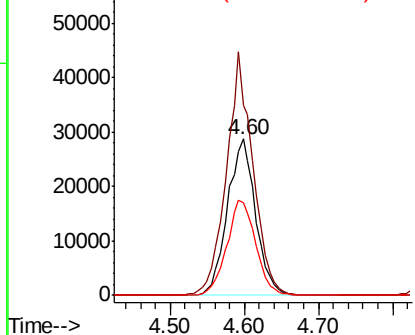
cis-1,2-Dichloroethene
 Concen: 20.998 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion: 96 Resp: 76023
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 282.6
 98 62.5 0.0 130.2



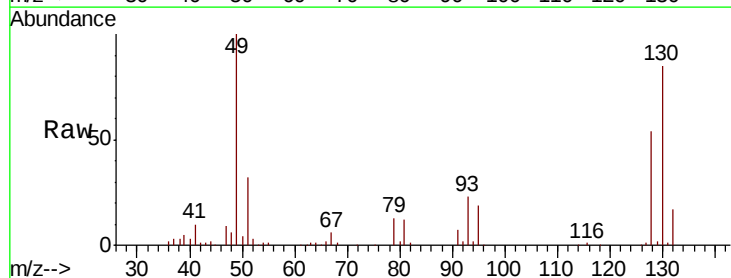
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



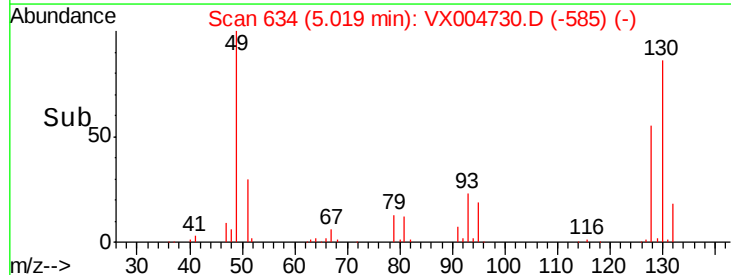
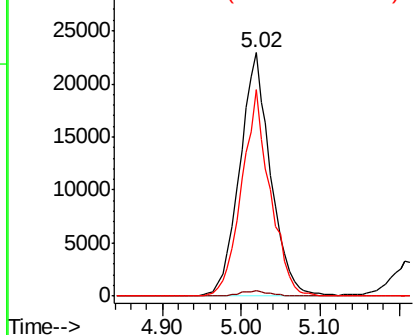
#28

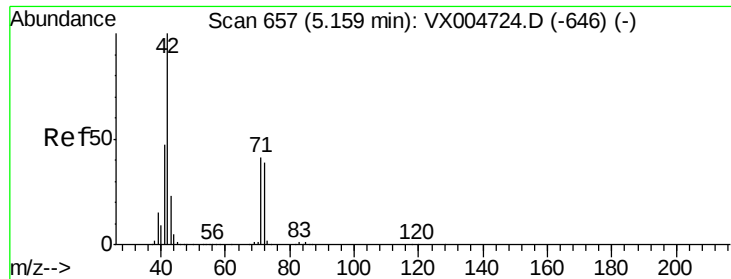
Bromochloromethane
 Concen: 20.428 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 49 Resp: 62418
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 78.1 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: 106.171 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0926WBS01

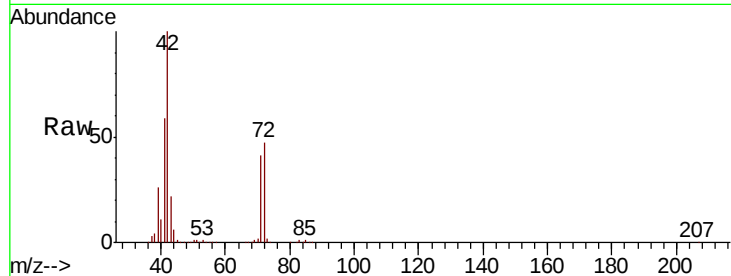
Tot Ion: 42 Resp: 221653

Ion Ratio Lower Upper

42 100

72 43.7 37.4 56.0

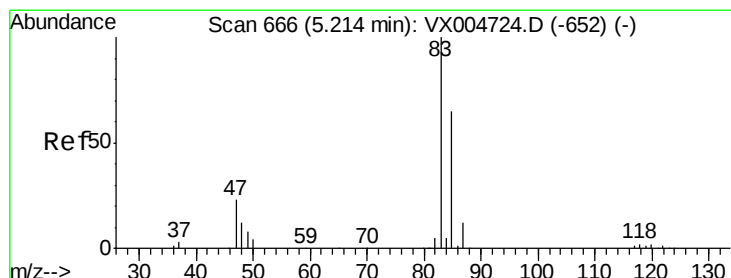
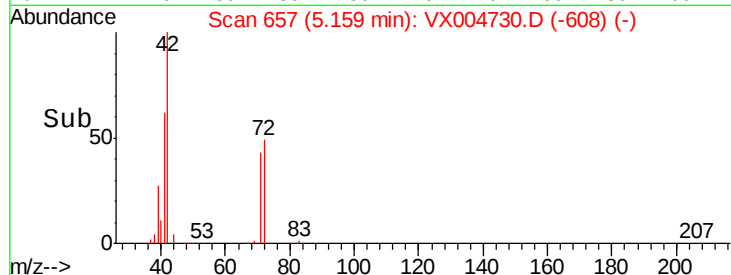
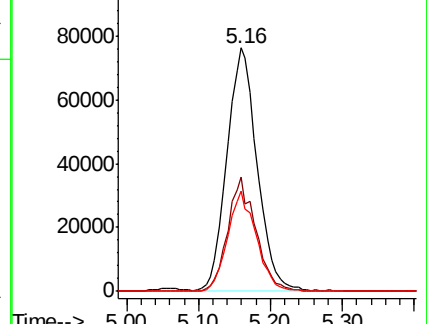
71 39.3 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.865 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004730.D

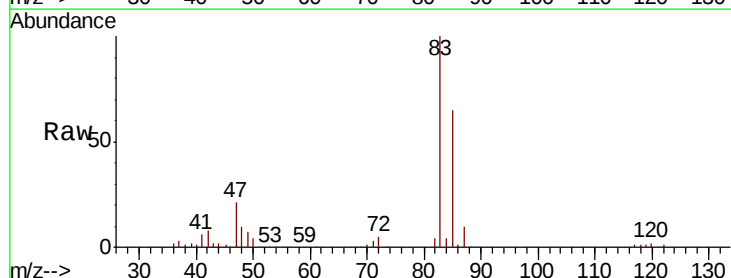
Acq: 26 Sep 2018 17:01

Tgt Ion: 83 Resp: 127954

Ion Ratio Lower Upper

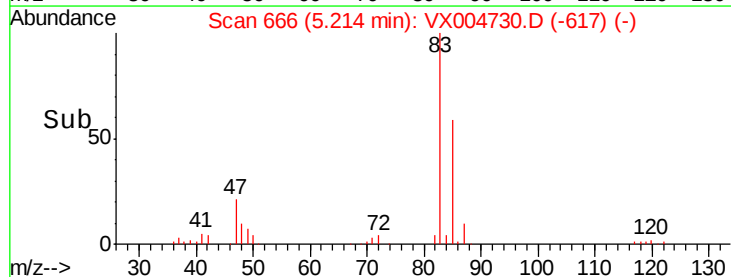
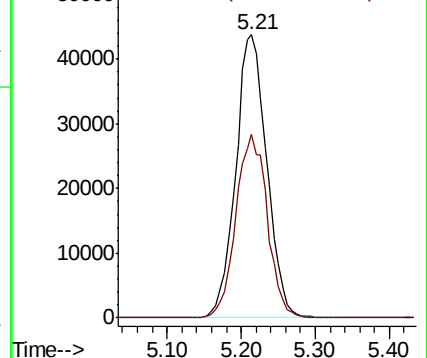
83 100

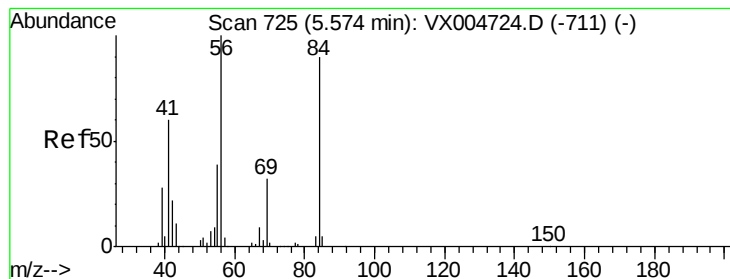
85 64.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 22.998 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

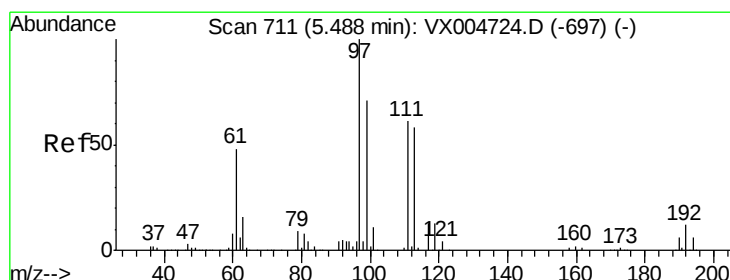
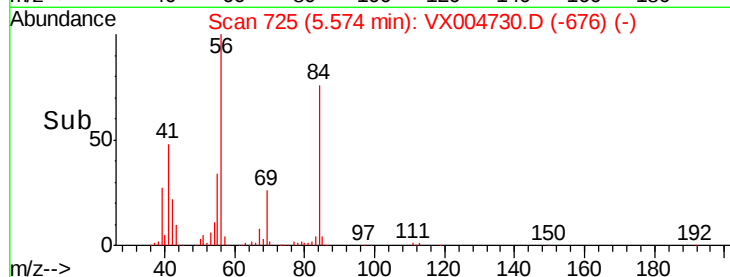
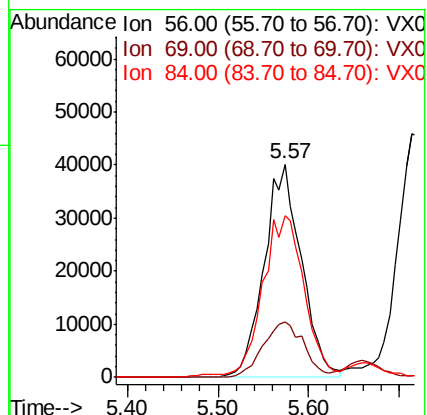
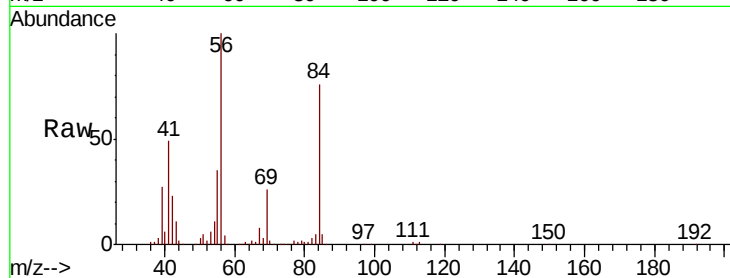
Tot Ion: 56 Resp: 114212

Ion Ratio Lower Upper

56 100

69 26.2 25.4 38.2

84 74.8 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 20.481 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

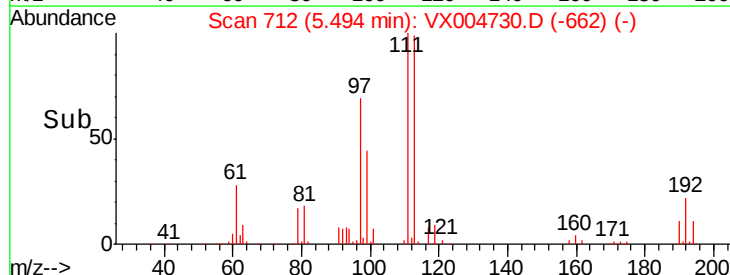
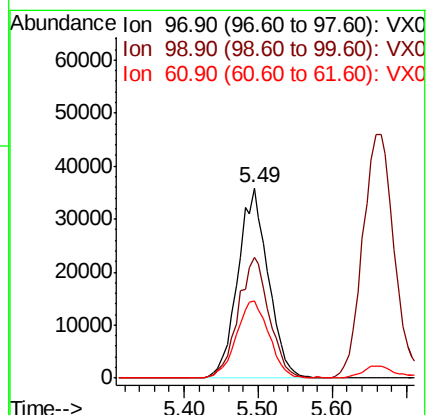
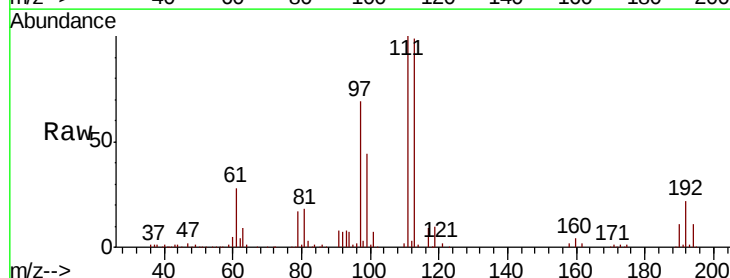
Tgt Ion: 97 Resp: 102573

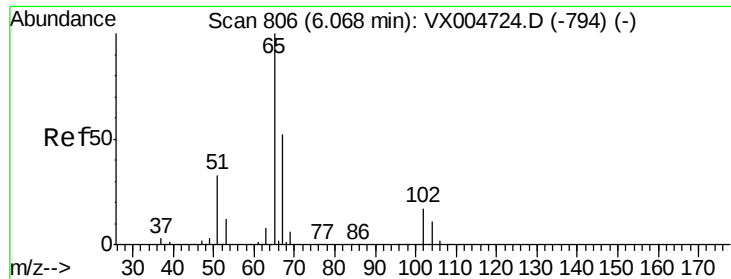
Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

61 43.9 34.9 52.3

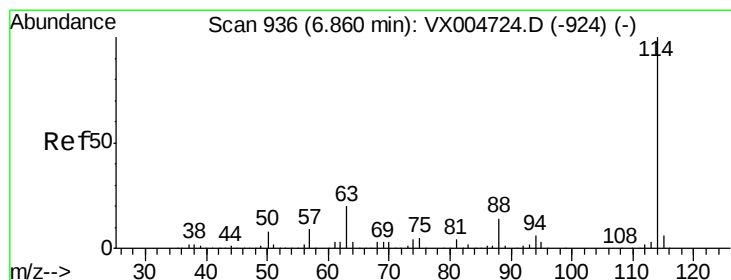
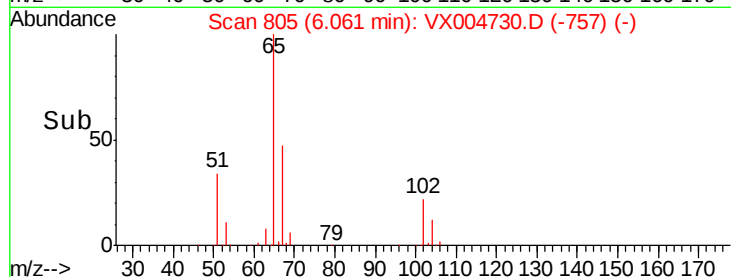
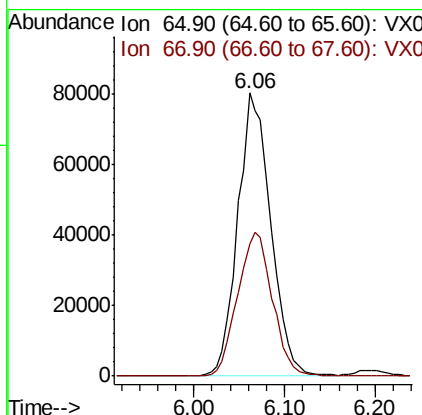
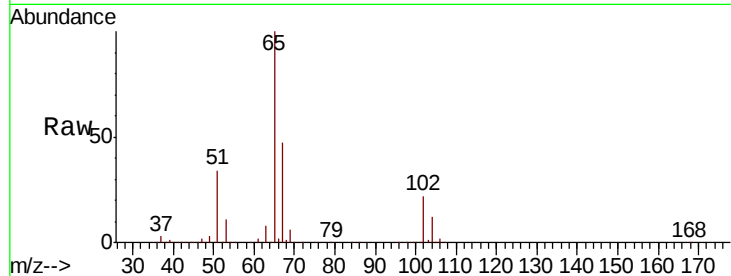




#33
 1,2-Dichloroethane-d4
 Concen: 52.028 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

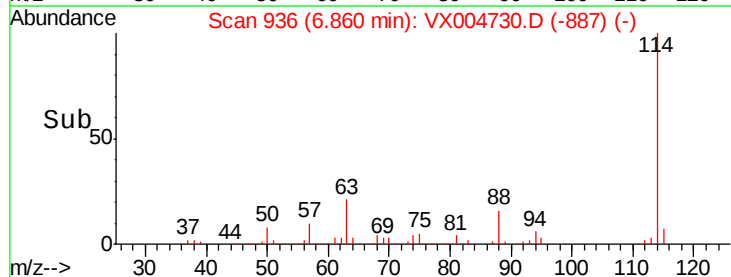
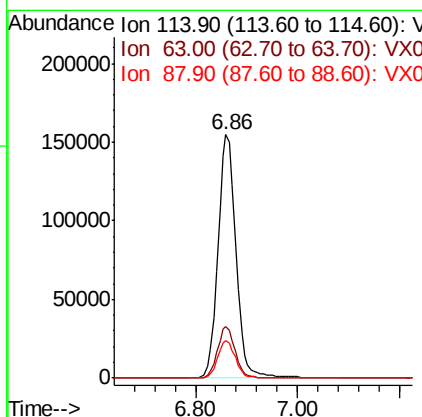
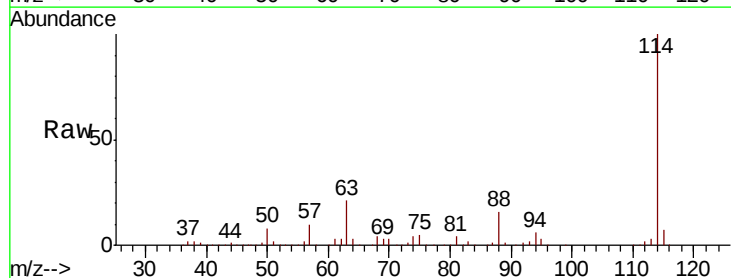
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

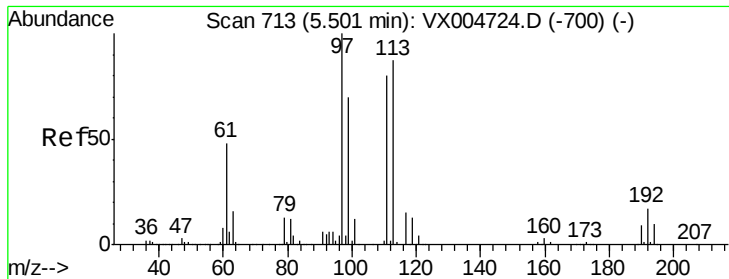
Tot Ion: 65 Resp: 203074
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 114 Resp: 381290
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.0
 88 15.6 0.0 30.4

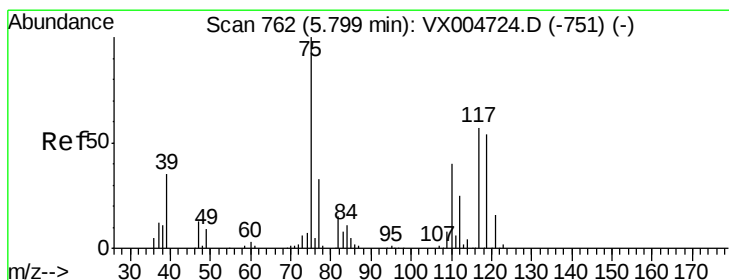
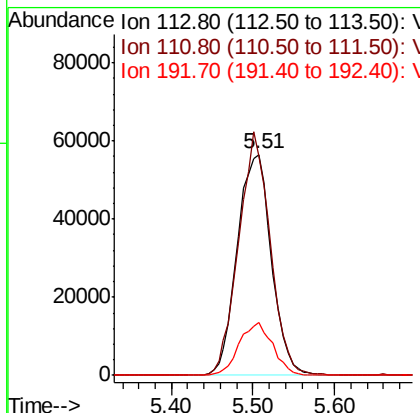
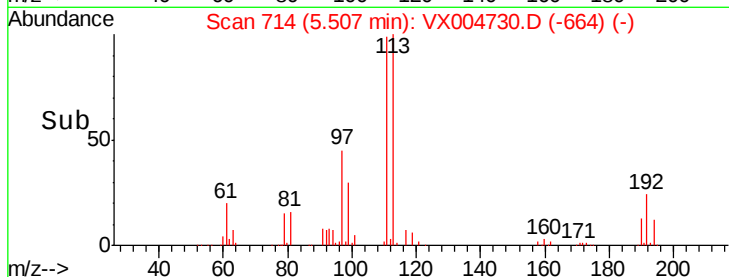
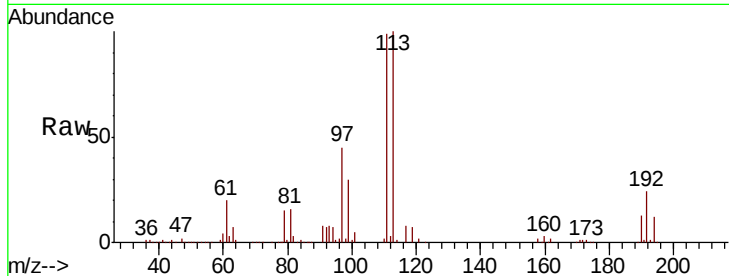




#35
 Dibromofluoromethane
 Concen: 50.941 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

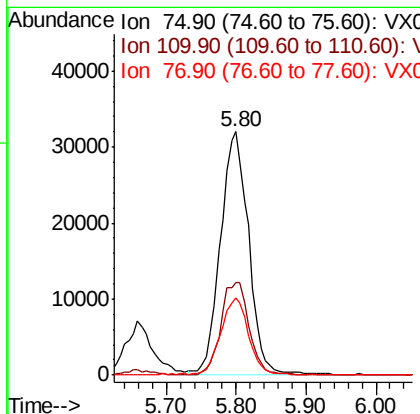
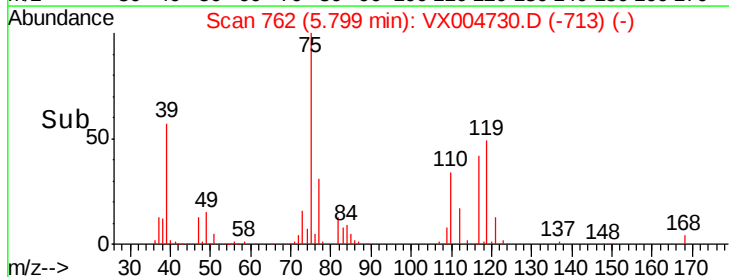
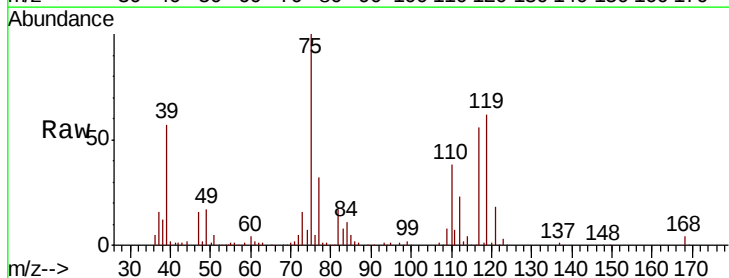
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

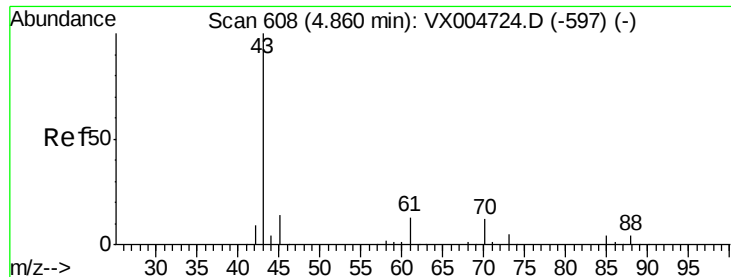
Tot Ion:113 Resp: 164615
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 23.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 20.185 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 75 Resp: 88996
 Ion Ratio Lower Upper
 75 100
 110 38.5 18.0 54.0
 77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 21.228 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0926WBS01

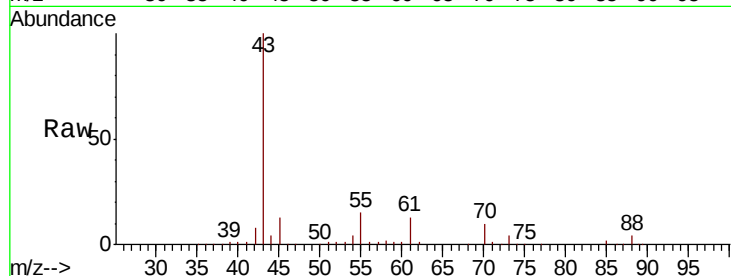
Tot Ion: 43 Resp: 124233

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

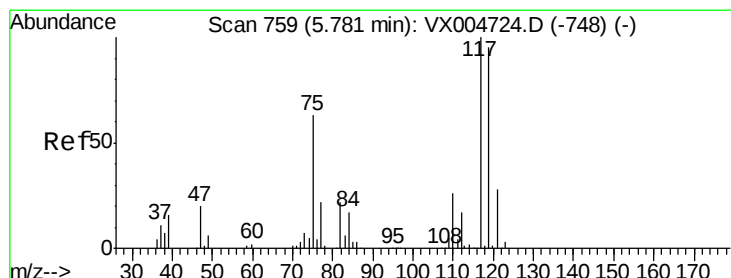
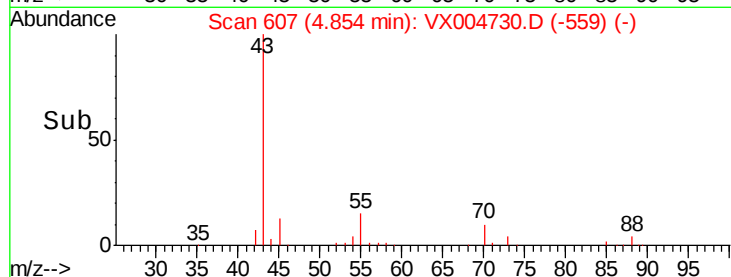
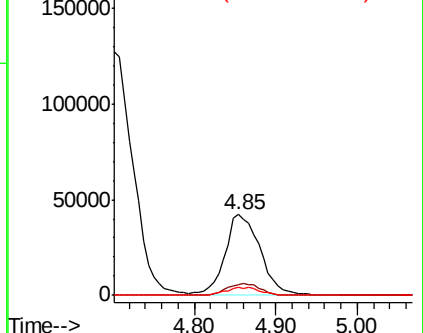
70 9.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.466 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

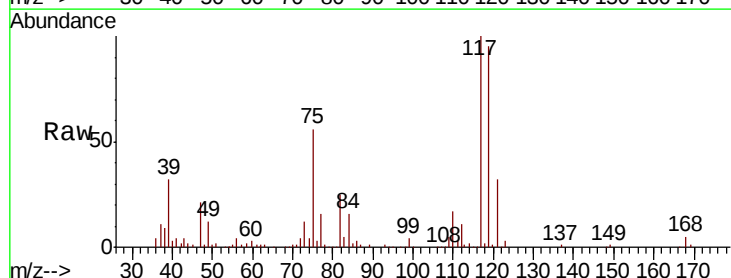
Tgt Ion: 117 Resp: 90217

Ion Ratio Lower Upper

117 100

119 95.3 78.8 118.2

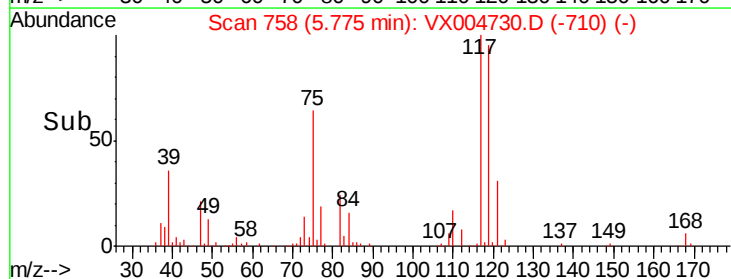
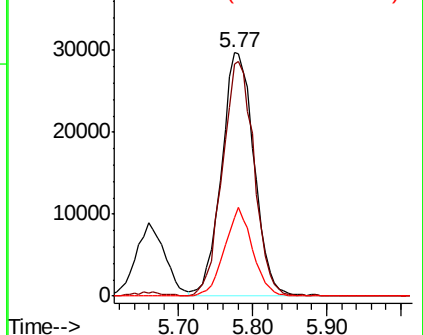
121 32.4 24.9 37.3

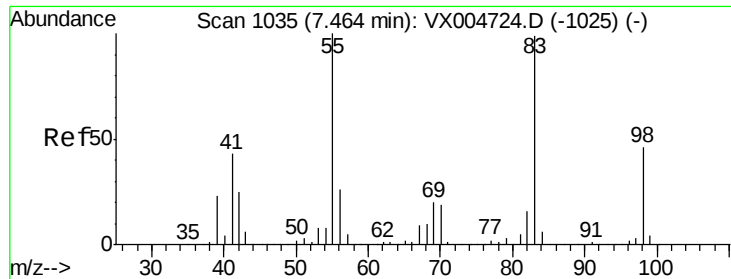


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

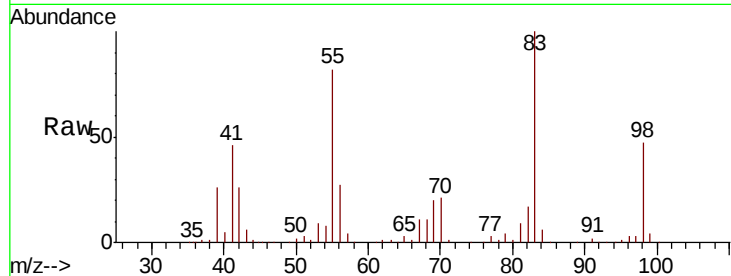




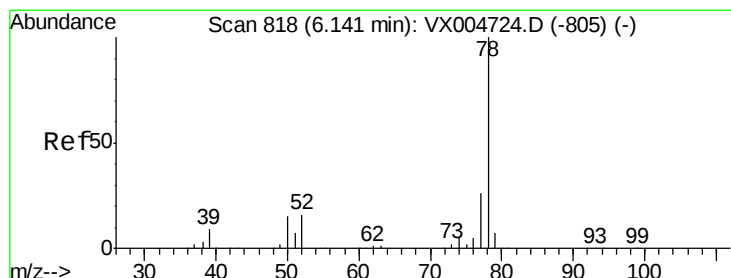
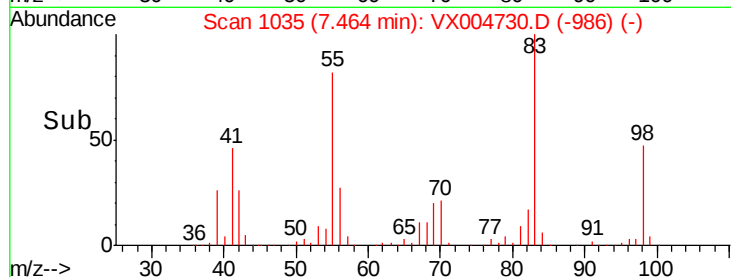
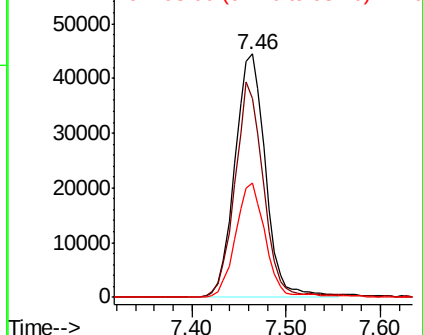
#39
Methvlcvclohexane
Concen: 22.360 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

Tot Ion: 83 Resp: 100665
Ion Ratio Lower Upper
83 100
55 81.8 61.0 91.4
98 47.2 39.6 59.4

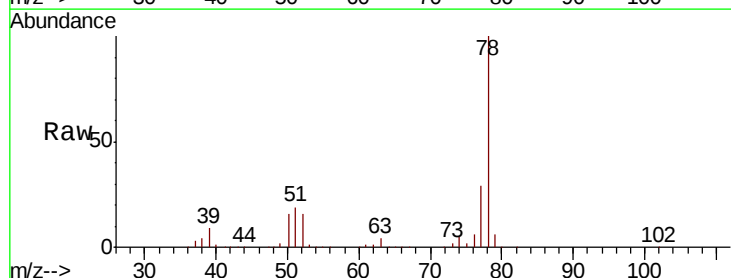


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

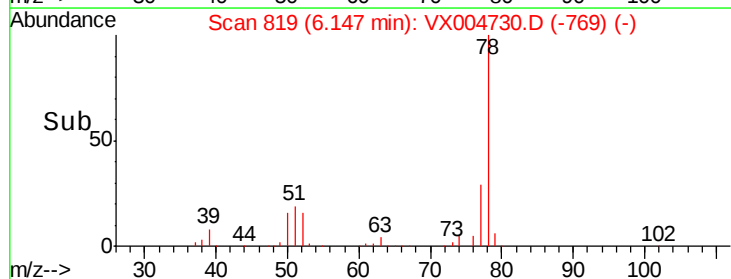
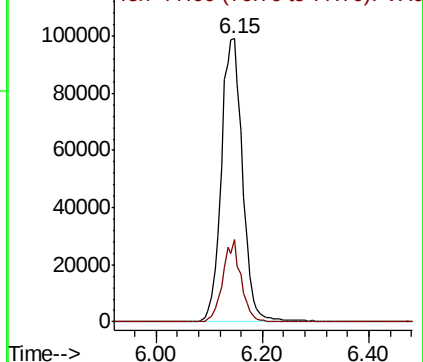


#40
Benzene
Concen: 20.084 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 78 Resp: 277215
Ion Ratio Lower Upper
78 100
77 29.3 19.0 28.4#



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

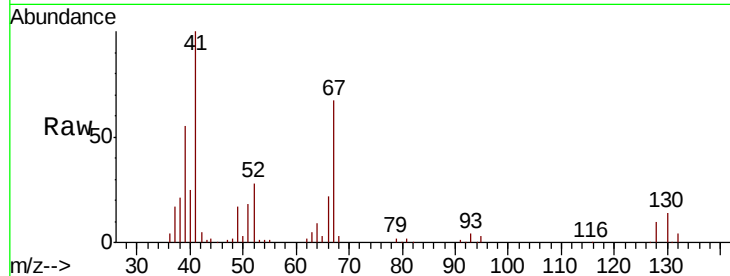




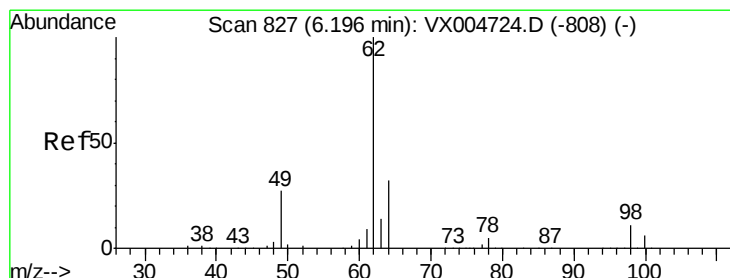
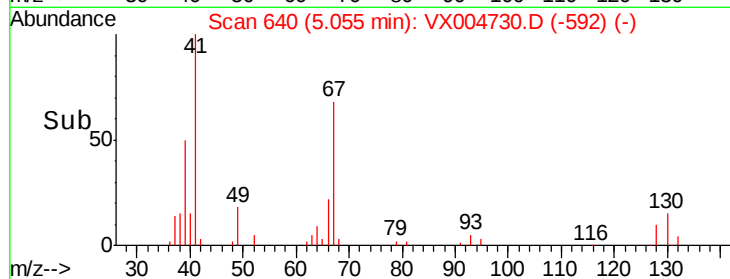
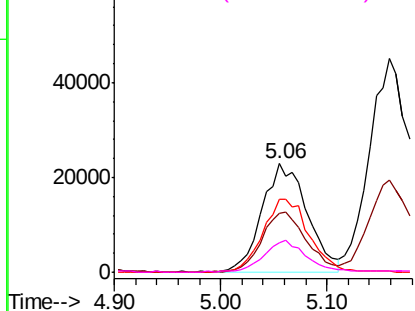
#41
Methacrylonitrile
Concen: 20.741 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion:	41	Resp:	67318
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.4	63.6
67	69.7	59.2	88.8
52	29.3	23.0	34.4

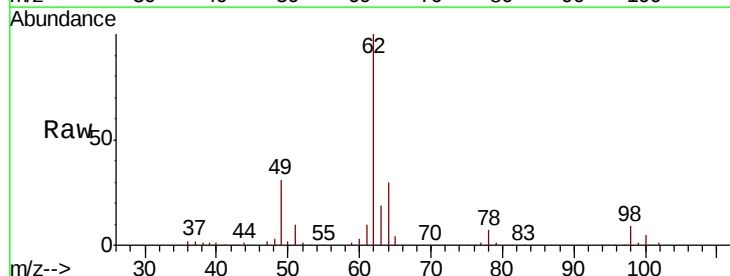


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

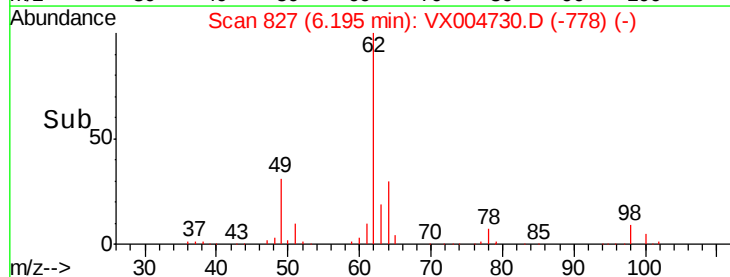
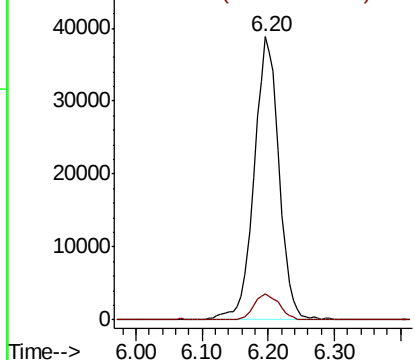


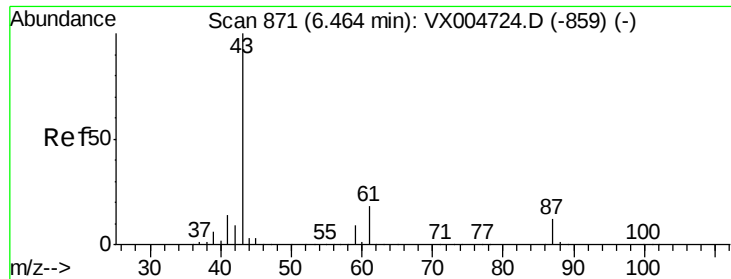
#42
1,2-Dichloroethane
Concen: 20.693 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion:	62	Resp:	100974
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: 21.125 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

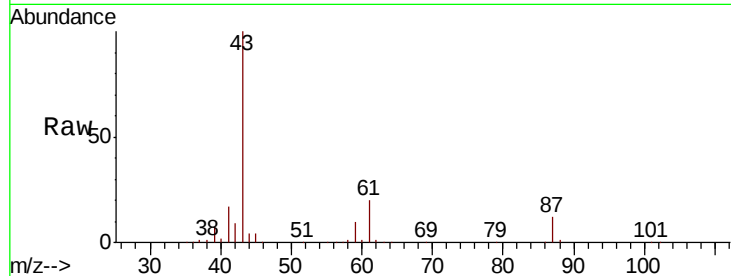
Tot Ion: 43 Resp: 178445

Ion Ratio Lower Upper

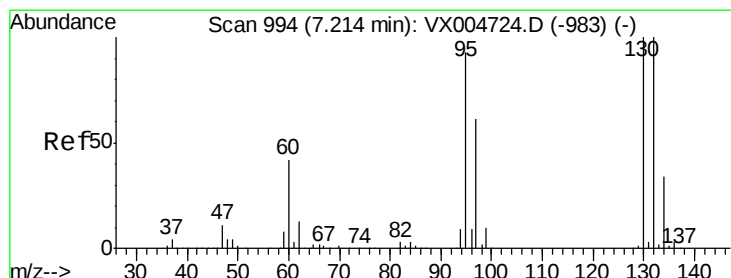
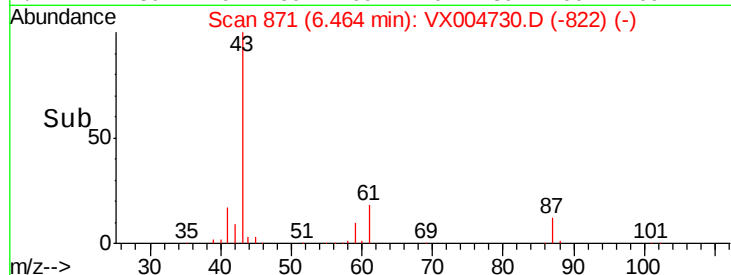
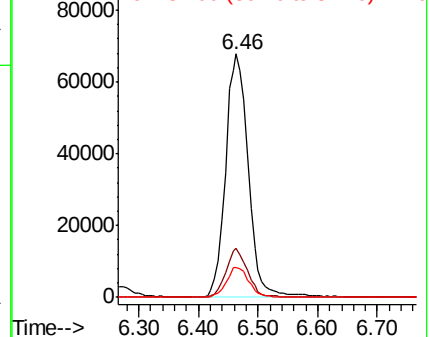
43 100

61 19.2 17.0 25.4

87 12.2 11.4 17.2



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



#44

Trichloroethene

Concen: 21.123 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004730.D

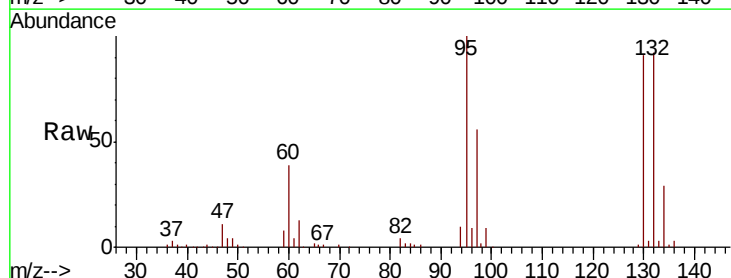
Acq: 26 Sep 2018 17:01

Tgt Ion:130 Resp: 71676

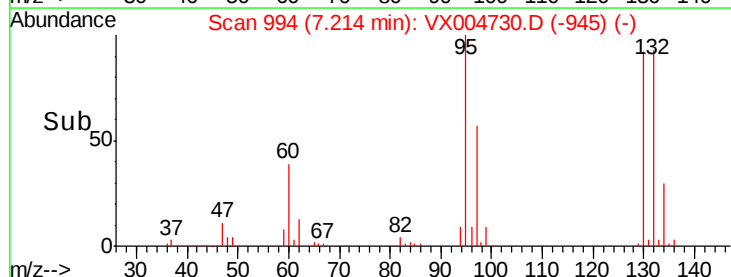
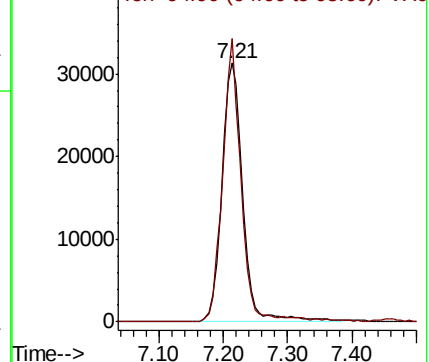
Ion Ratio Lower Upper

130 100

95 109.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
40000 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.519 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

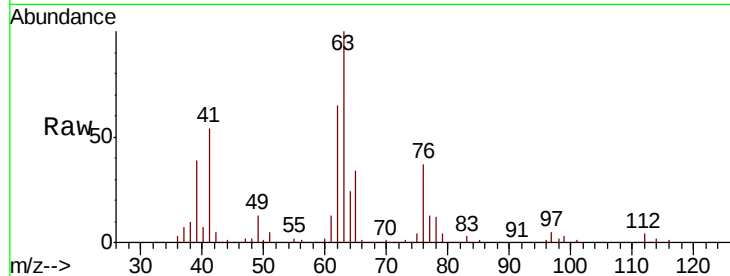
VX0926WBS01

Tot Ion: 63 Resp: 69457

Ion Ratio Lower Upper

63 100

65 34.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

40000

30000

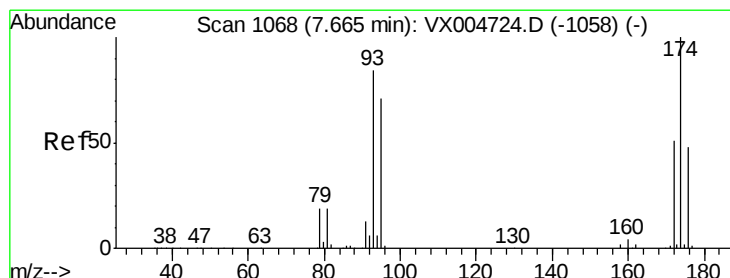
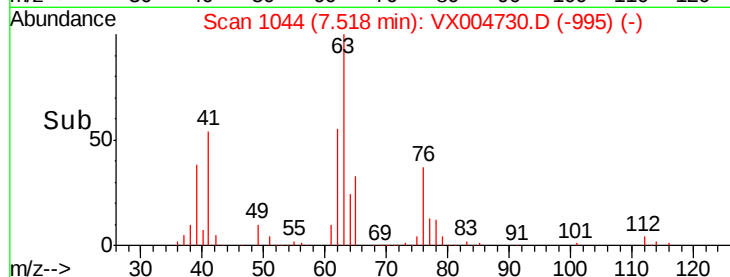
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 21.165 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

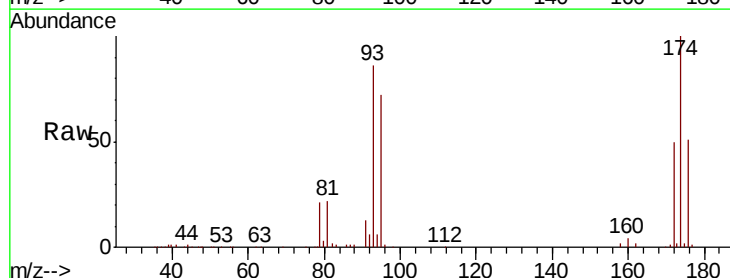
Tgt Ion: 93 Resp: 45024

Ion Ratio Lower Upper

93 100

95 82.3 65.5 98.3

174 111.3 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

30000

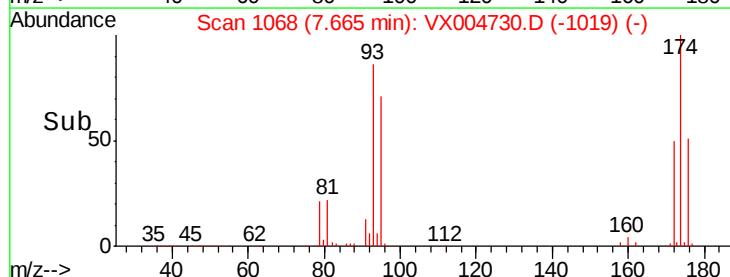
20000

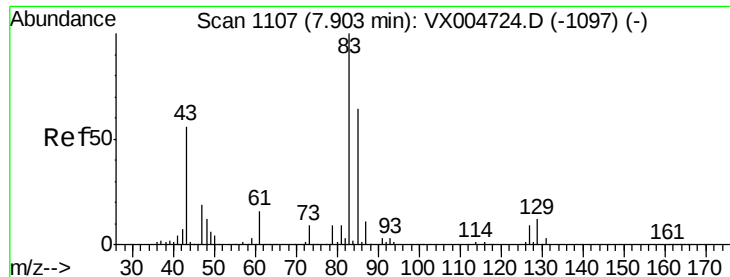
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 20.833 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

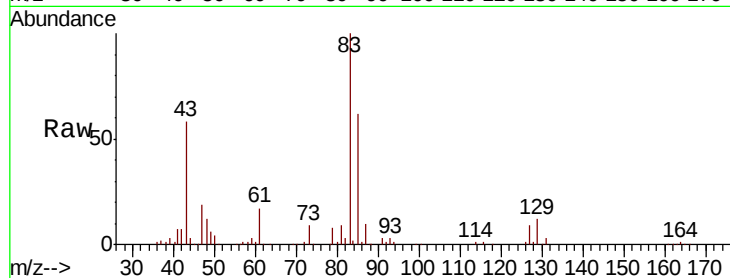
Tot Ion: 83 Resp: 82977

Ion Ratio Lower Upper

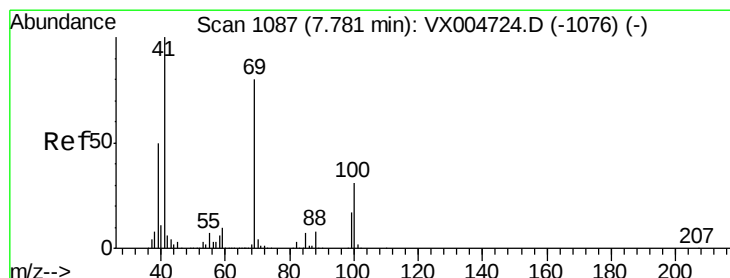
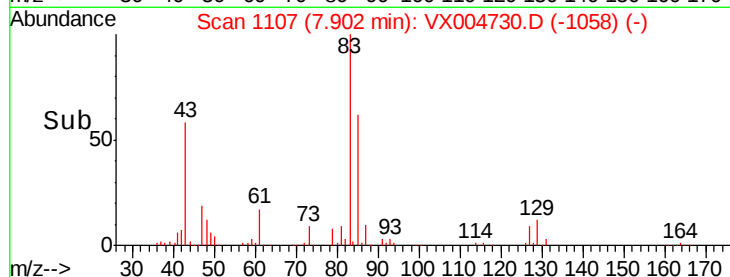
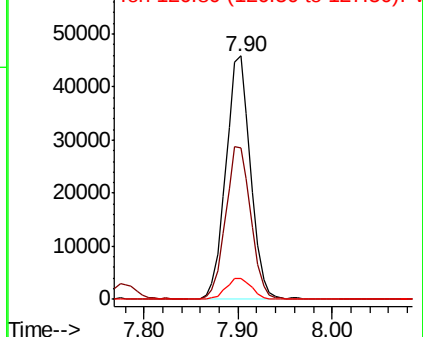
83 100

85 62.0 50.9 76.3

127 8.7 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: 22.087 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

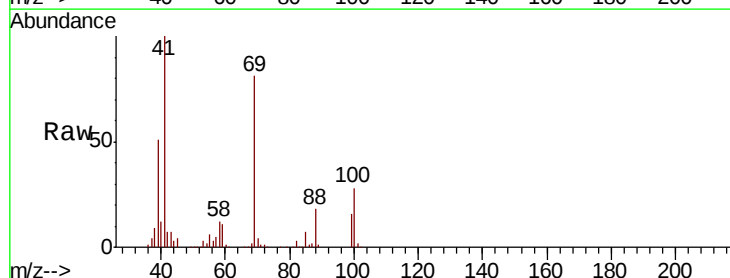
Tgt Ion: 41 Resp: 84682

Ion Ratio Lower Upper

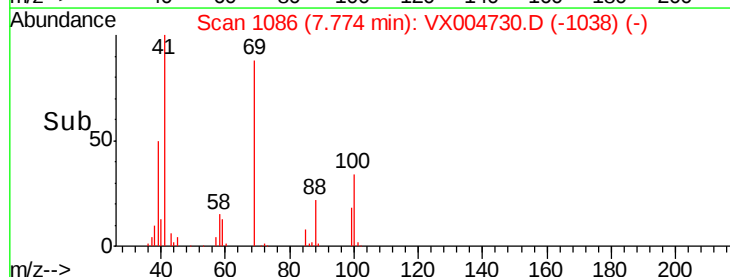
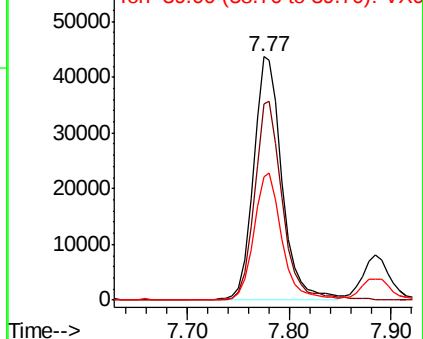
41 100

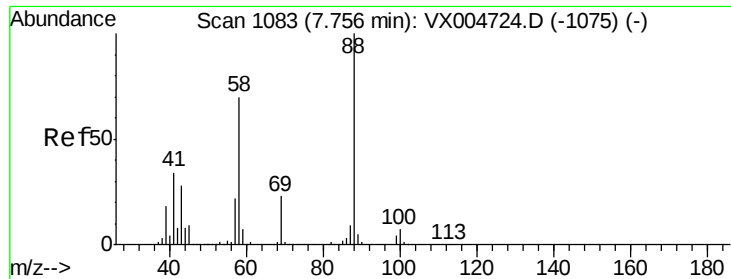
69 80.8 70.2 105.4

39 51.2 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

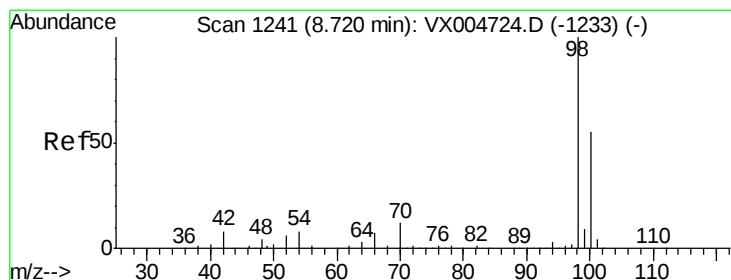
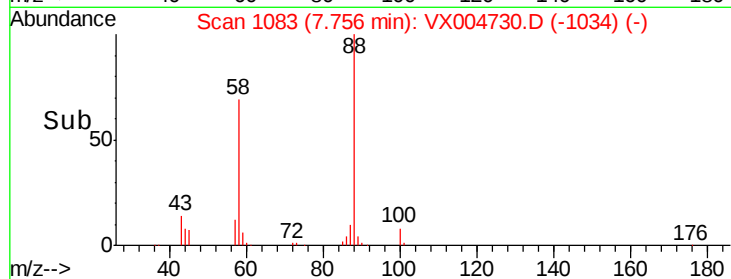
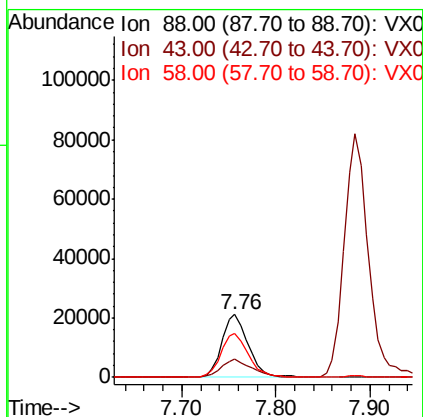
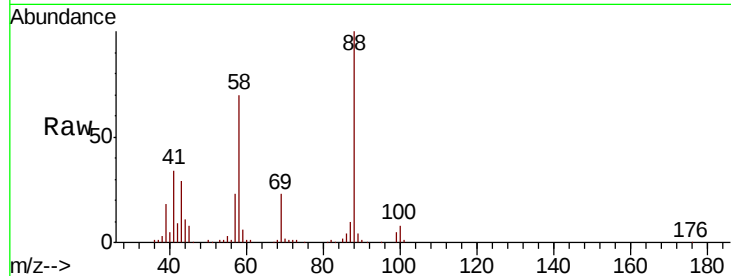




#49
 1,4-Dioxane
 Concen: 429.724 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

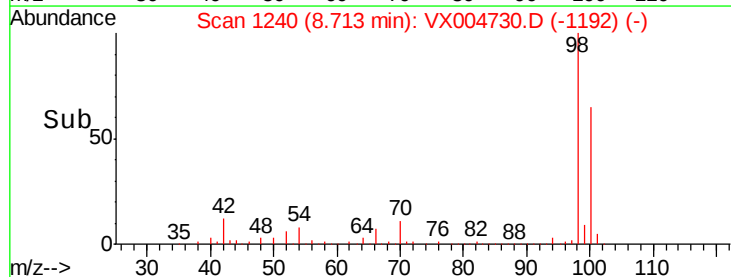
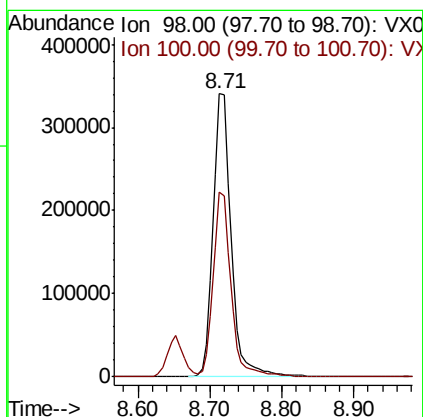
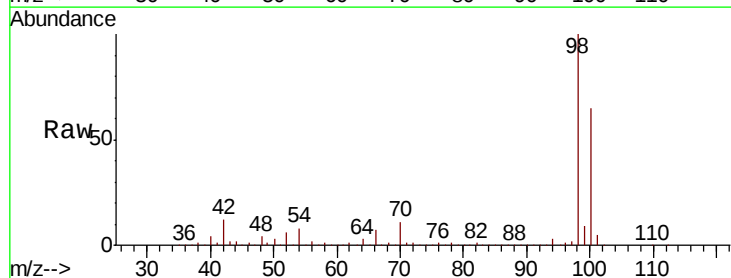
Instrument :
 MSVOA_X
 ClientSampled :
 VX0926WBS01

Tot Ion: 88 Resp: 40932
 Ion Ratio Lower Upper
 88 100
 43 32.4 24.7 37.1
 58 73.4 55.3 82.9



#50
 Toluene-d8
 Concen: 55.055 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 98 Resp: 591456
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.9 79.3

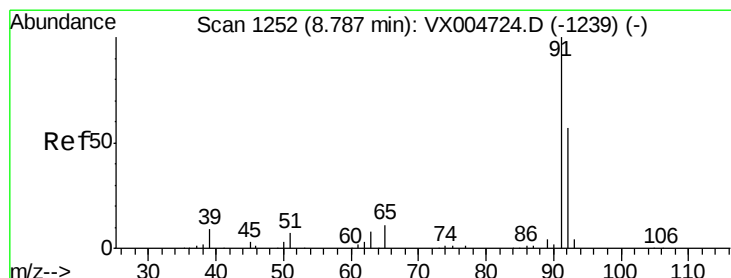
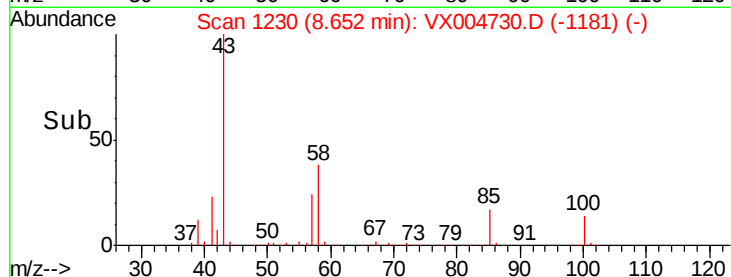
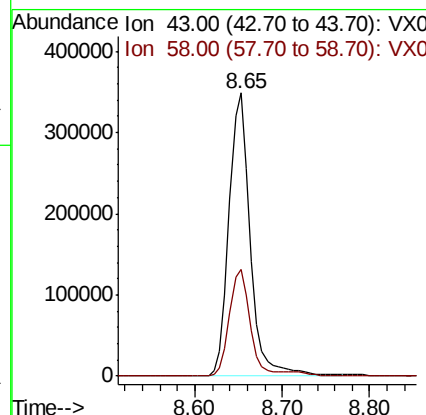
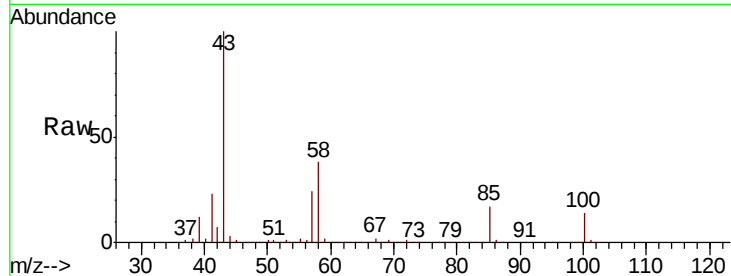




#51
 4-Methyl-2-Pentanone
 Concen: 110.523 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

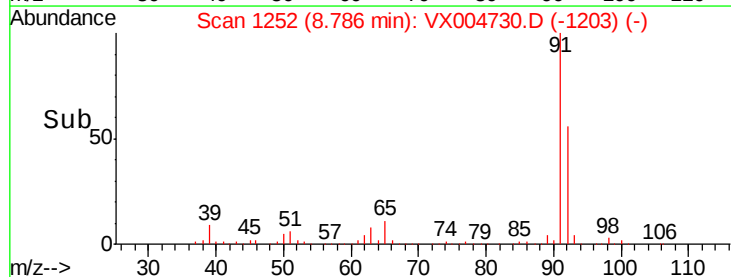
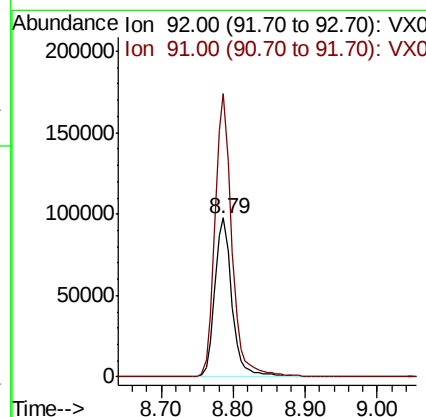
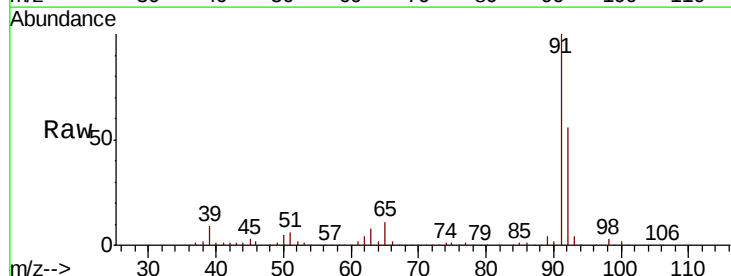
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion: 43 Resp: 587837
 Ion Ratio Lower Upper
 43 100
 58 38.5 33.1 49.7



#52
 Toluene
 Concen: 21.306 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 92 Resp: 161594
 Ion Ratio Lower Upper
 92 100
 91 174.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 20.310 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

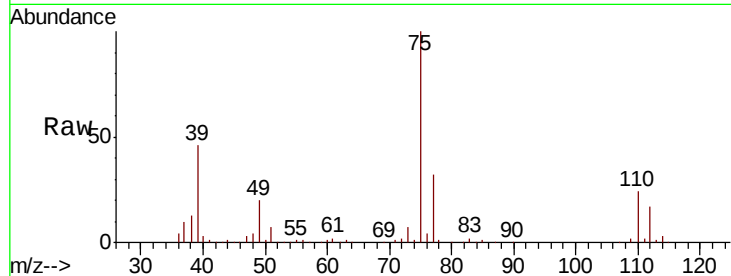
VX0926WBS01

Tot Ion: 75 Resp: 91413

Ion Ratio Lower Upper

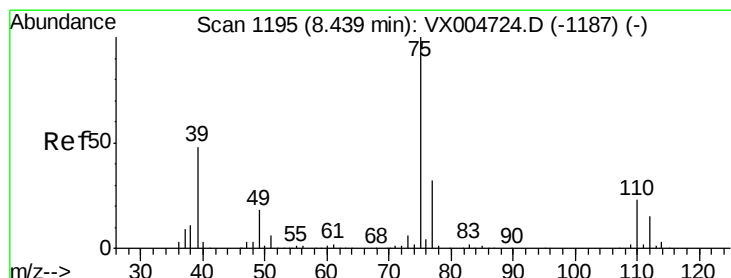
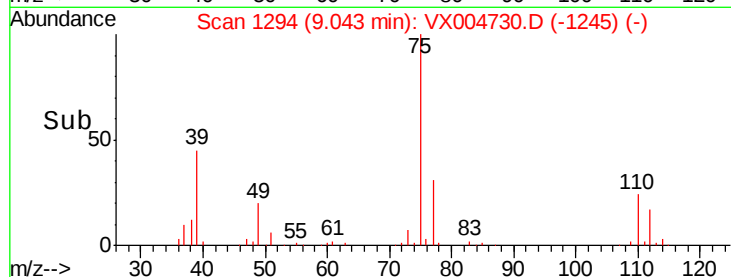
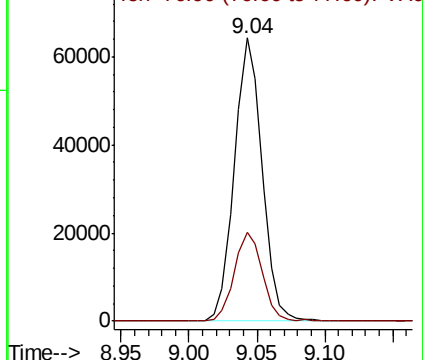
75 100

77 31.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.745 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

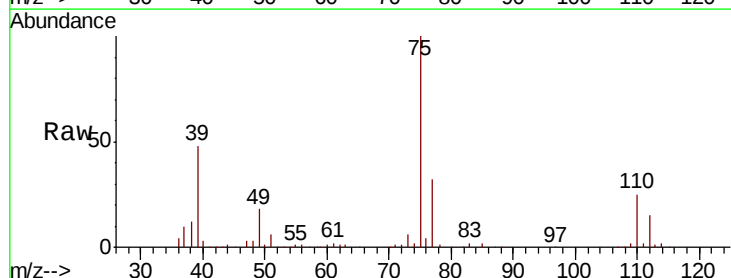
Tgt Ion: 75 Resp: 102511

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

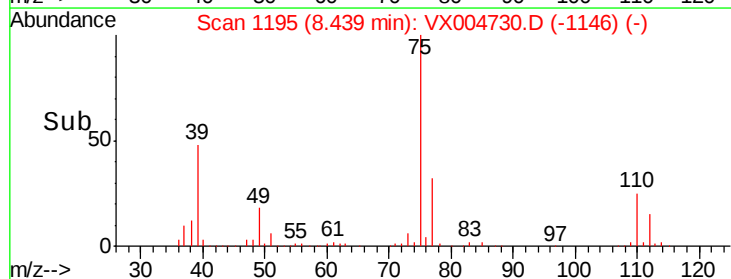
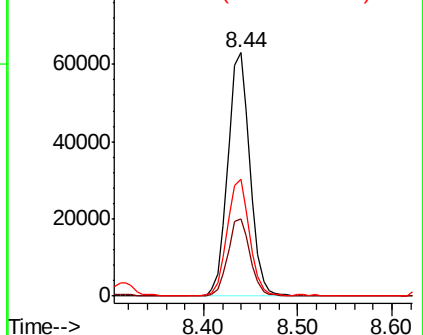
39 47.7 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

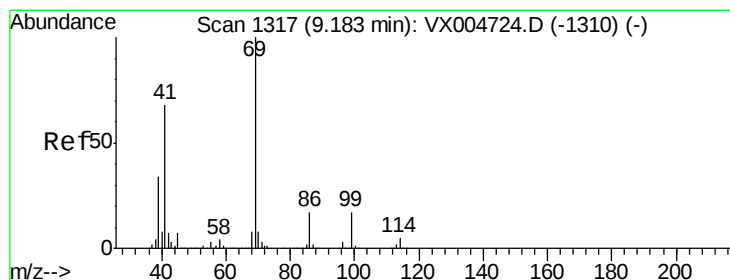
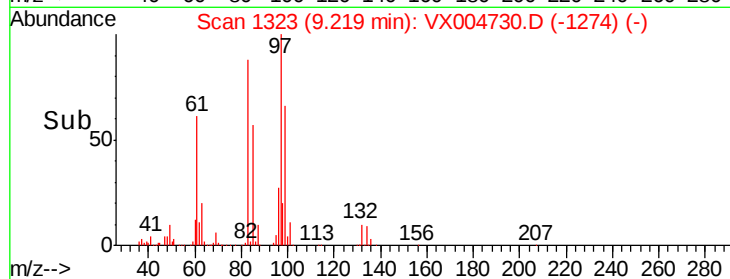
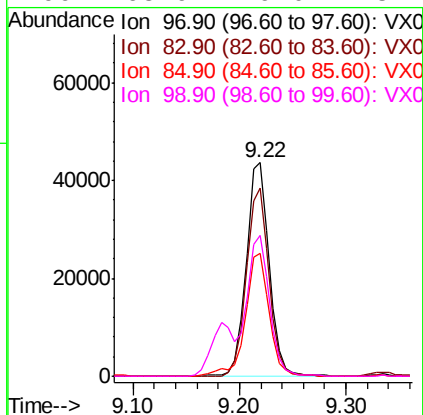
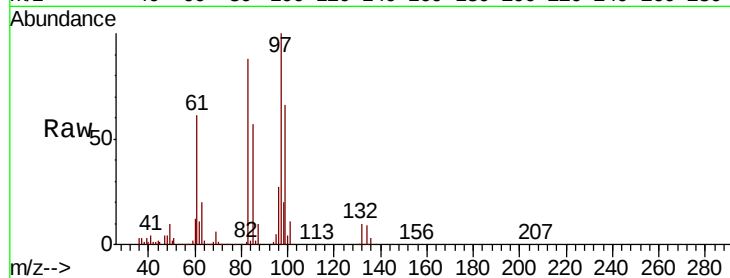




#55
 1,1,2-Trichloroethane
 Concen: 19.855 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

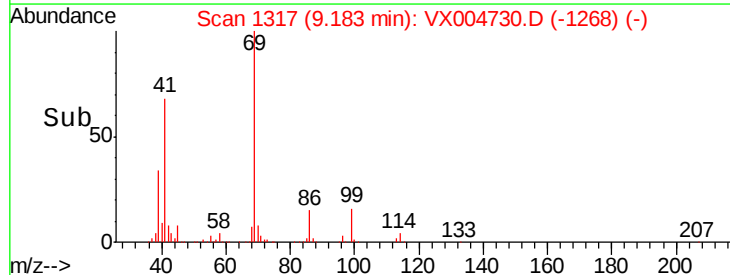
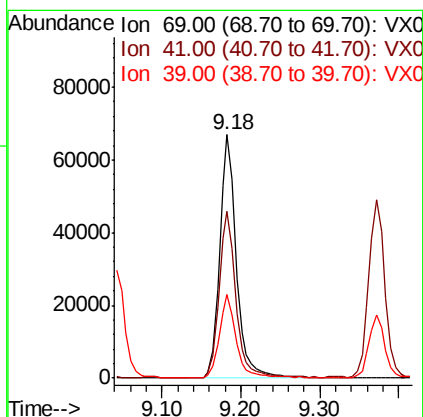
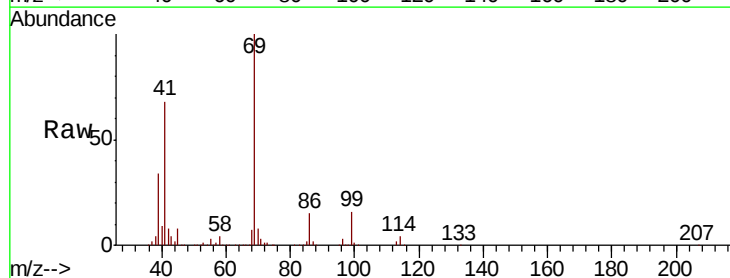
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion:	97	Resp:	65963
Ion	Ratio	Lower	Upper
97	100		
83	88.1	66.4	99.6
85	57.4	43.3	64.9
99	65.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.217 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion:	69	Resp:	99242
Ion	Ratio	Lower	Upper
69	100		
41	68.7	51.0	76.4
39	33.7	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.299 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

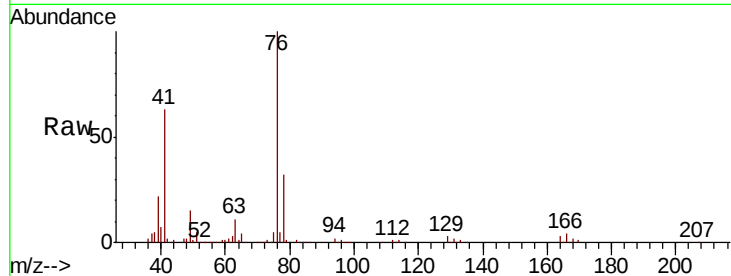
VX0926WBS01

Tot Ion: 76 Resp: 112238

Ion Ratio Lower Upper

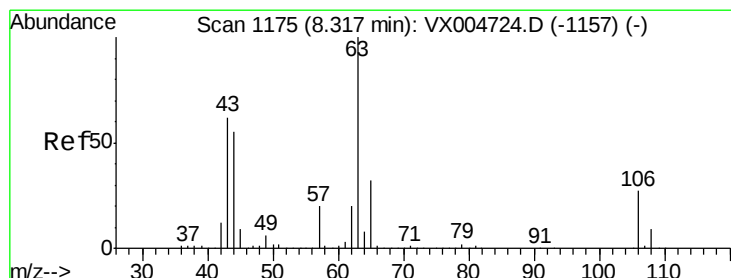
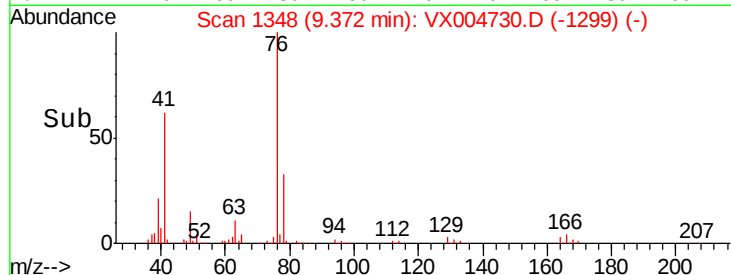
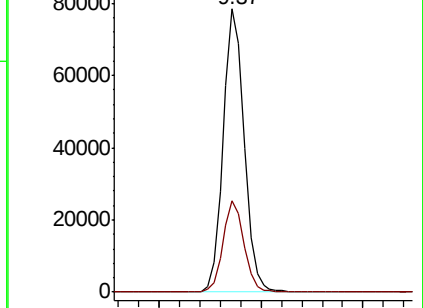
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 110.974 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004730.D

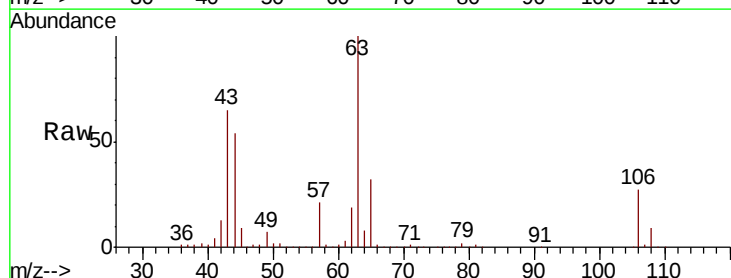
Acq: 26 Sep 2018 17:01

Tgt Ion: 63 Resp: 293635

Ion Ratio Lower Upper

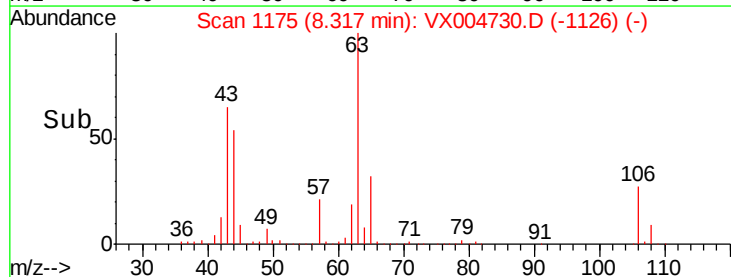
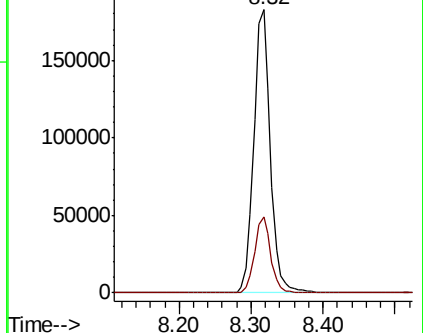
63 100

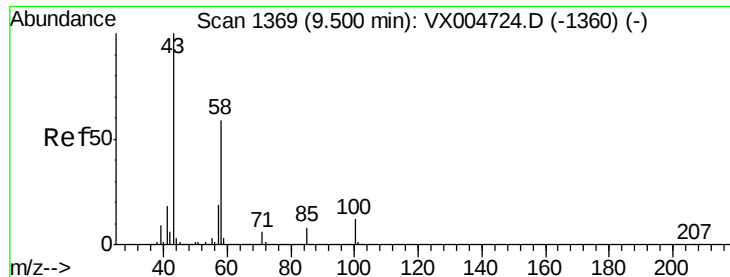
106 26.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

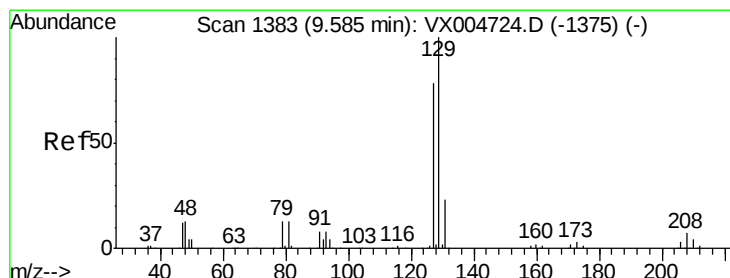
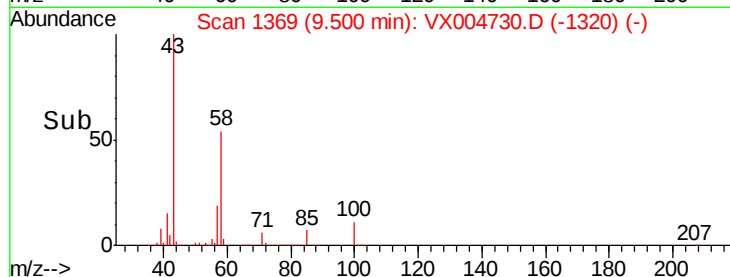
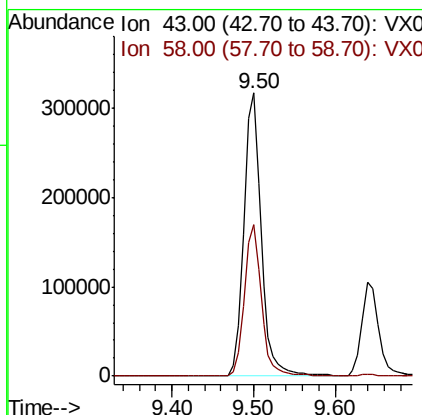
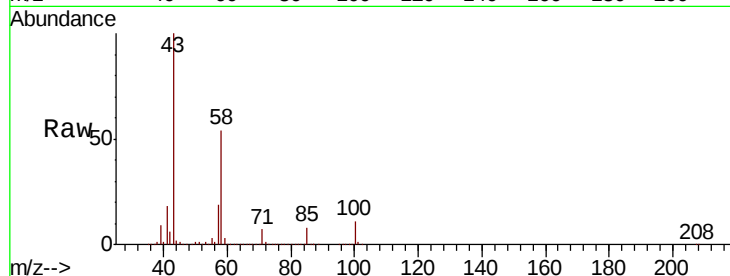




#59
2-Hexanone
Concen: 104.612 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

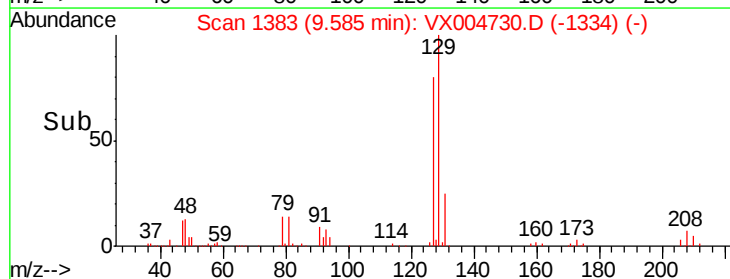
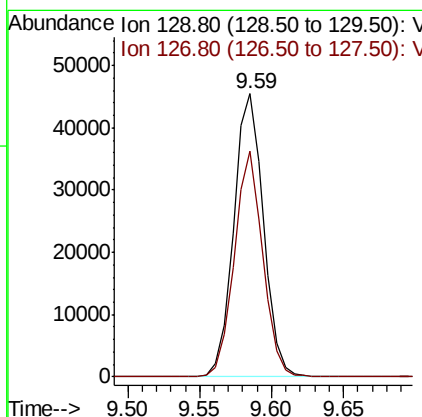
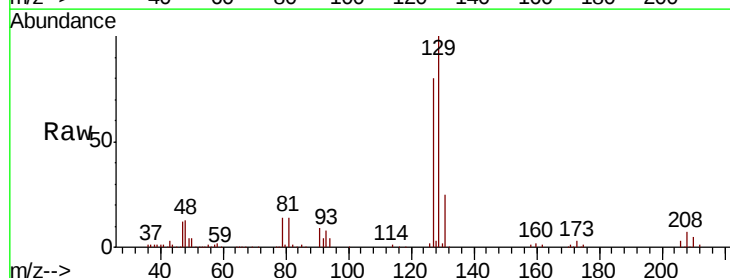
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

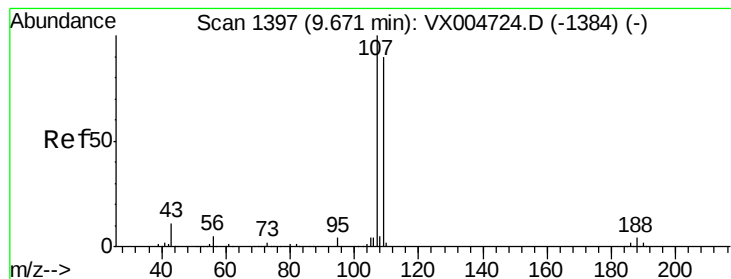
Tot Ion: 43 Resp: 463657
Ion Ratio Lower Upper
43 100
58 52.8 29.0 87.0



#60
Dibromochloromethane
Concen: 19.649 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 129 Resp: 65286
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.337 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

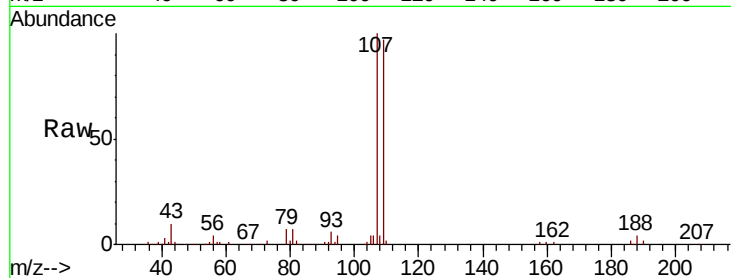
VX0926WBS01

Tot Ion:107 Resp: 68800

Ion Ratio Lower Upper

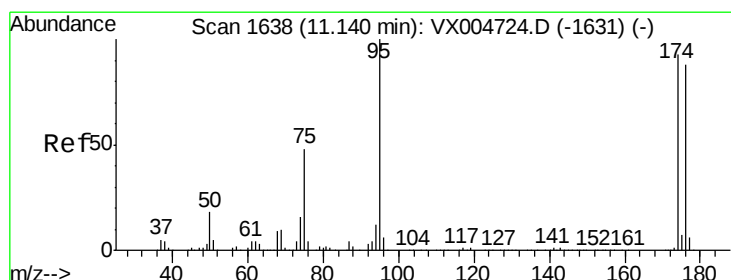
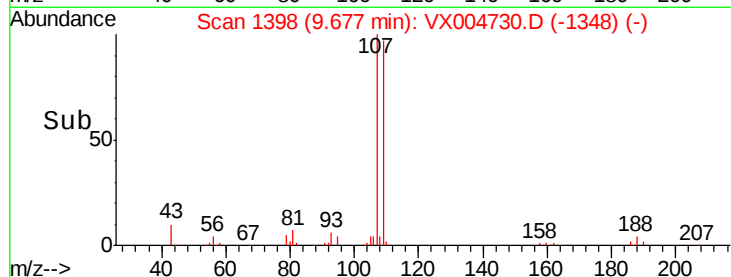
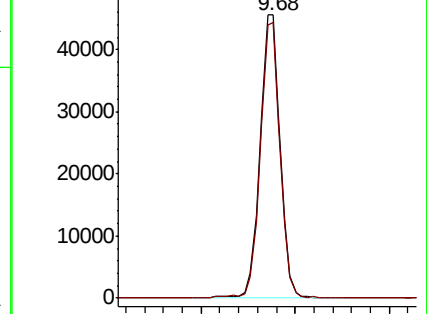
107 100

109 95.8 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: 55.200 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

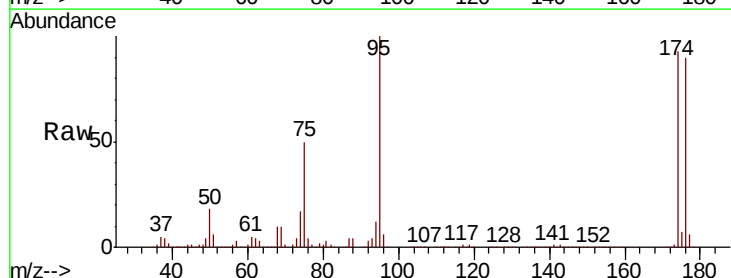
Tgt Ion: 95 Resp: 213638

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.2

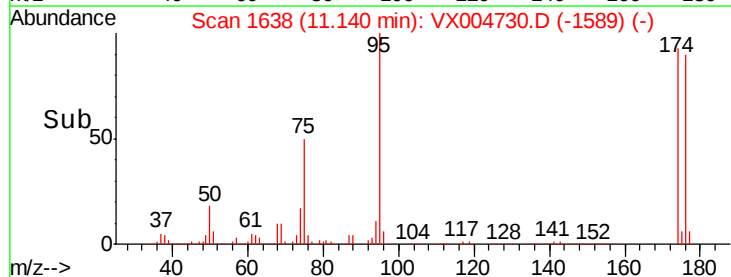
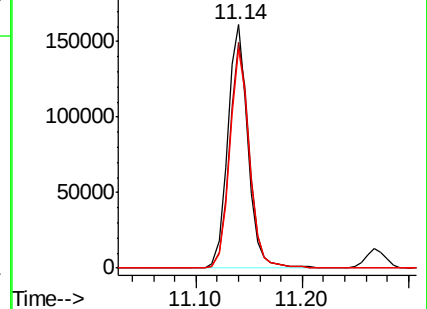
176 88.3 0.0 178.6



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

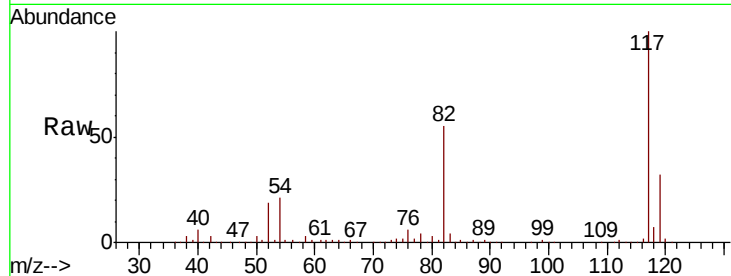




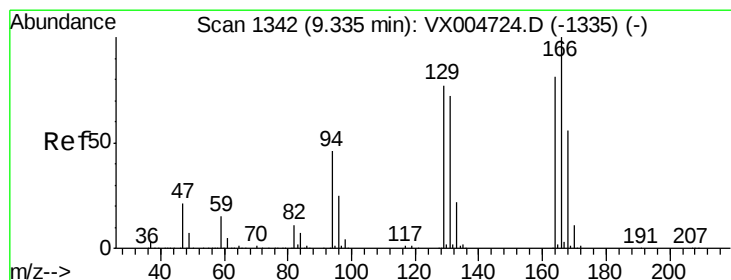
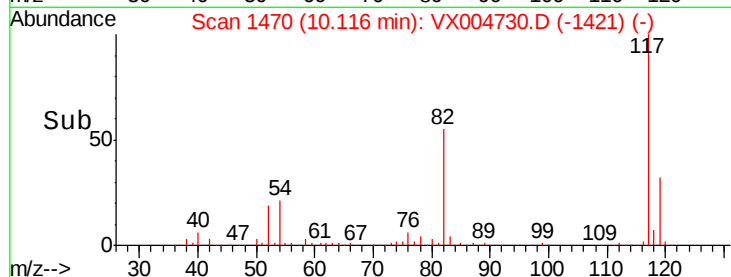
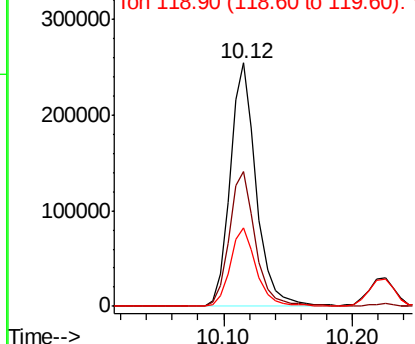
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

Tot Ion:117 Resp: 360201
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.6
119 32.1 29.3 43.9

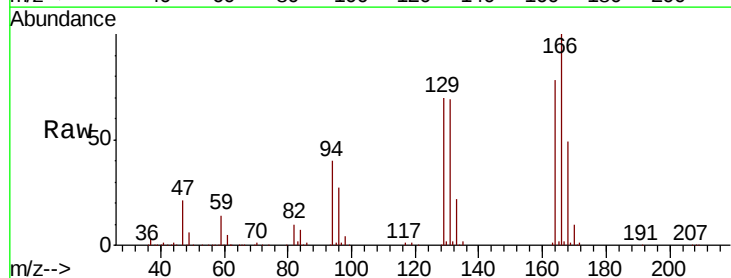


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

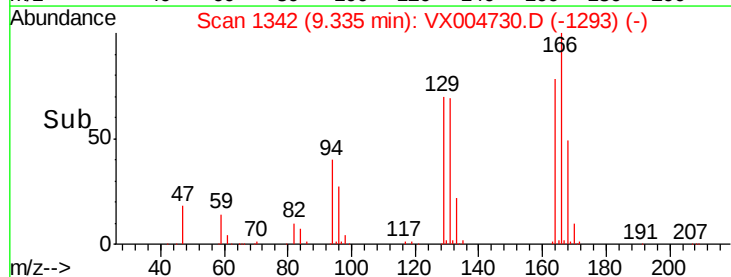
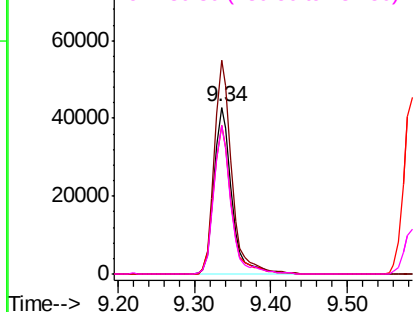


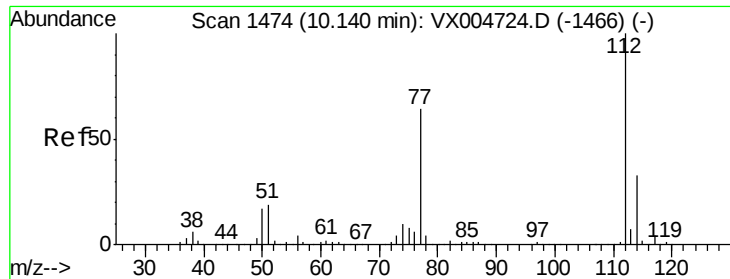
#64
Tetrachloroethene
Concen: 19.421 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion:164 Resp: 68850
Ion Ratio Lower Upper
164 100
166 128.1 102.8 154.2
129 89.2 69.4 104.0
131 88.9 67.9 101.9



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

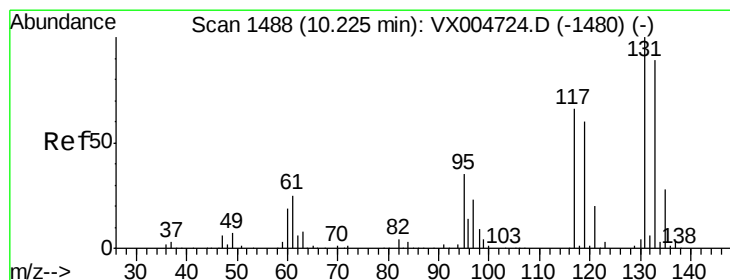
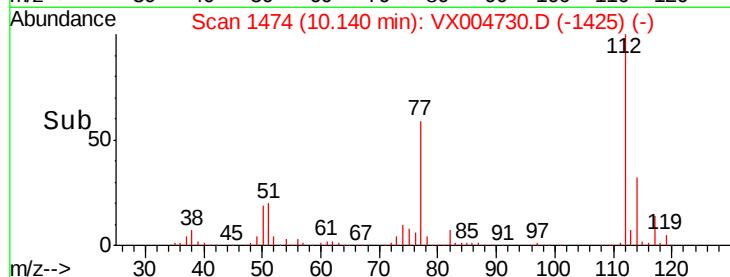
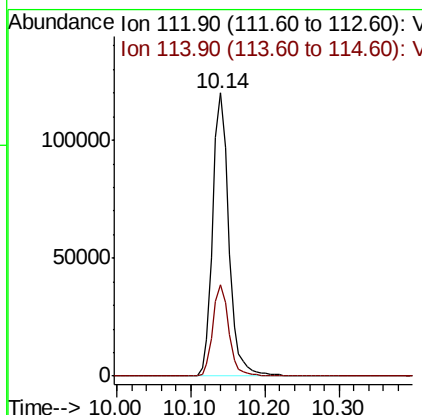
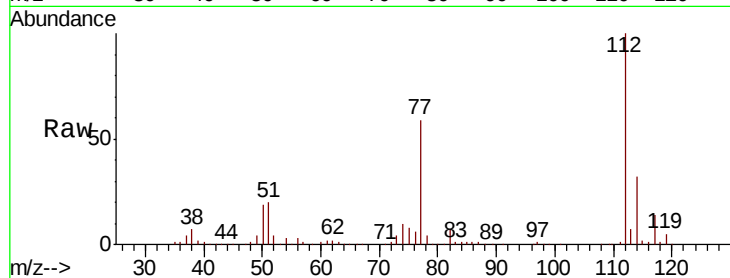




#65
Chlorobenzene
Concen: 19.441 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

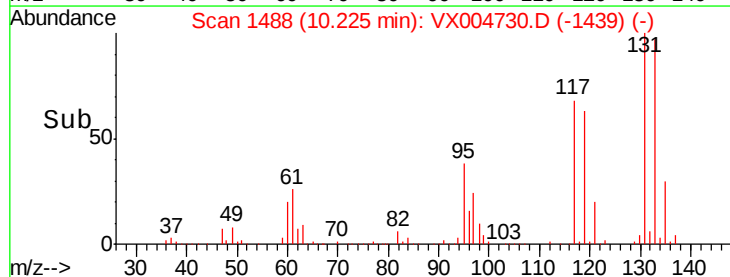
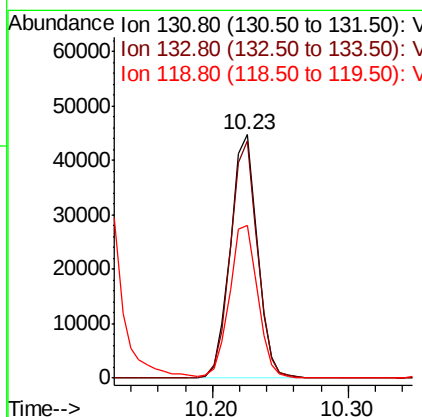
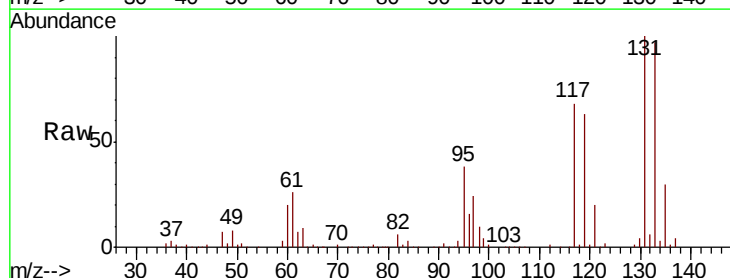
Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

Tot Ion:112 Resp: 179569
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.109 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion:131 Resp: 62049
Ion Ratio Lower Upper
131 100
133 97.0 48.1 144.4
119 65.5 32.9 98.6

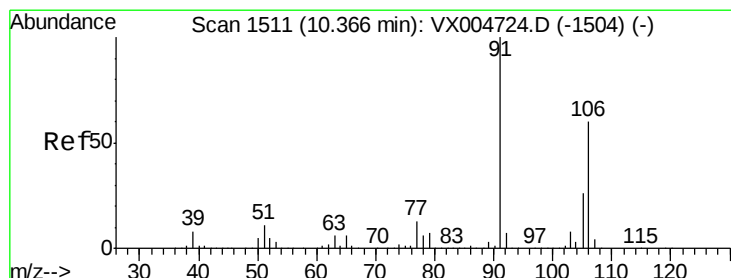
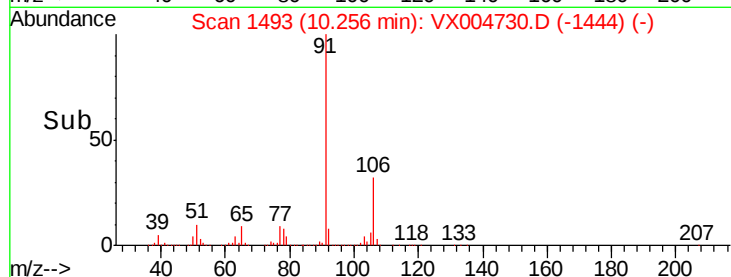
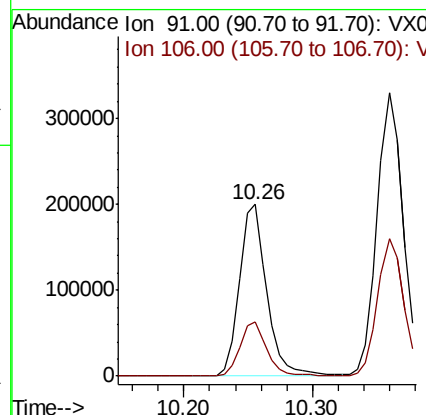
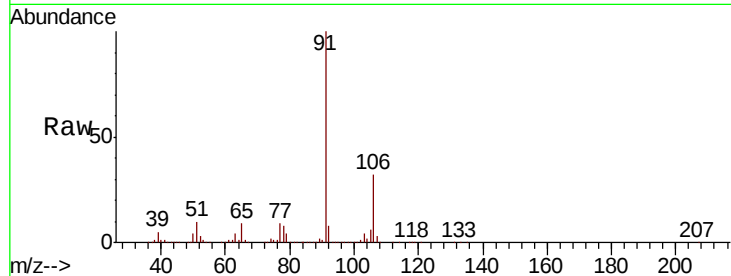




#67
Ethyl Benzene
Concen: 20.126 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

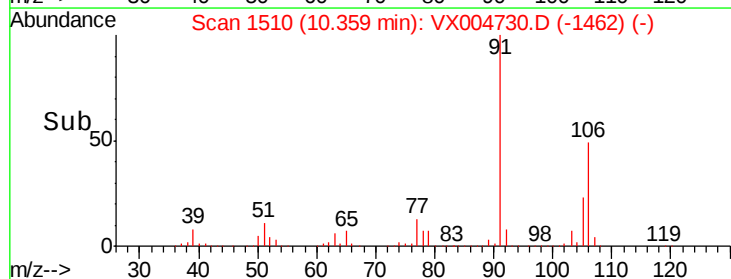
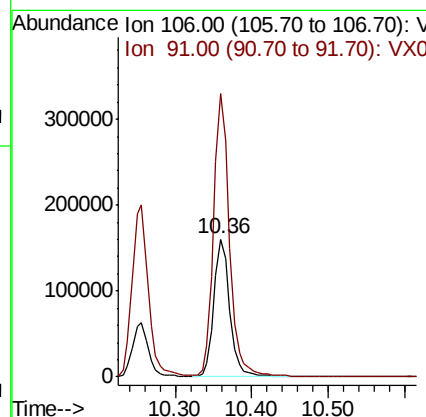
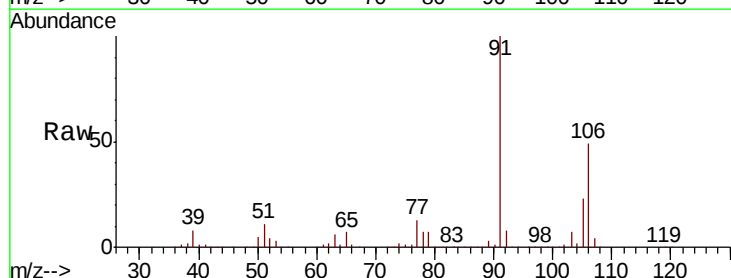
Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

Tot Ion: 91 Resp: 295128
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 40.891 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 106 Resp: 234319
Ion Ratio Lower Upper
106 100
91 205.1 157.1 235.7

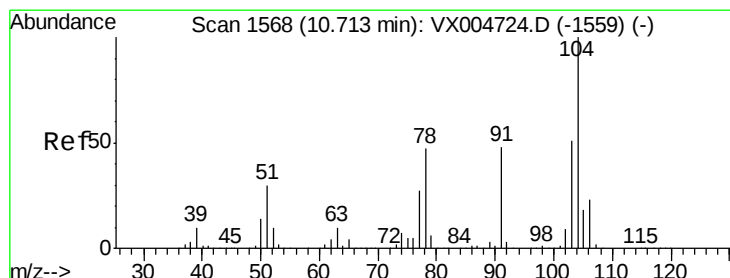
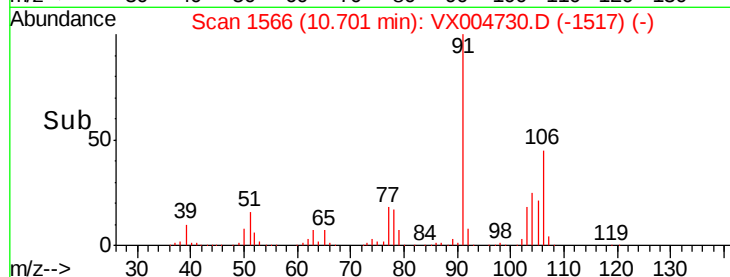
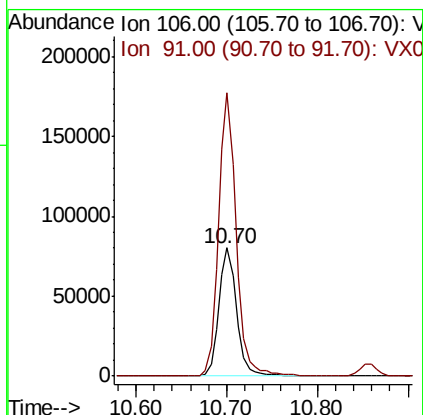
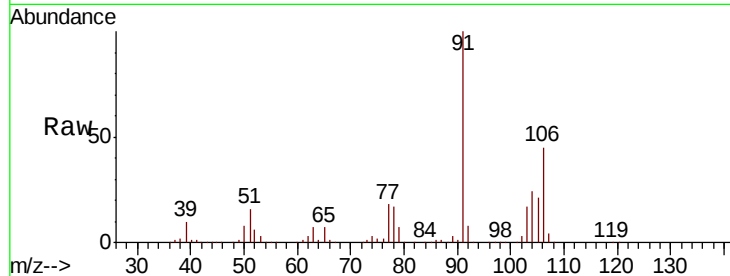




#69
o-Xylene
Concen: 21.097 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

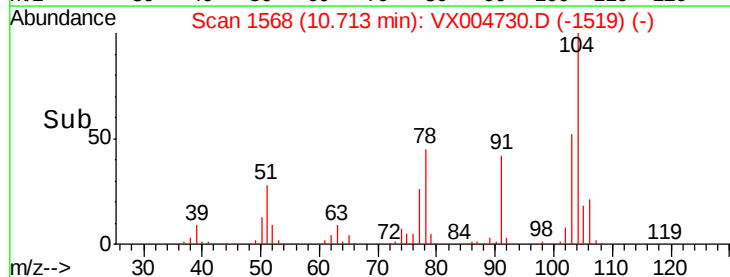
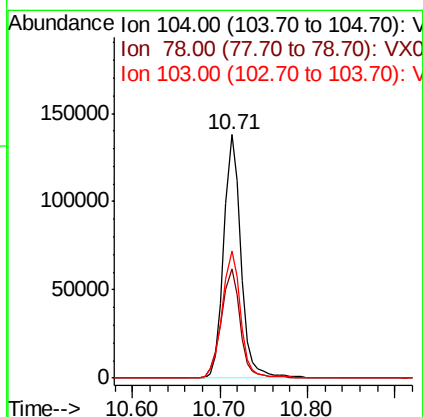
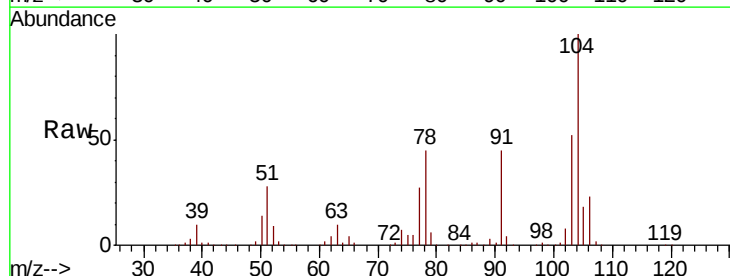
Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

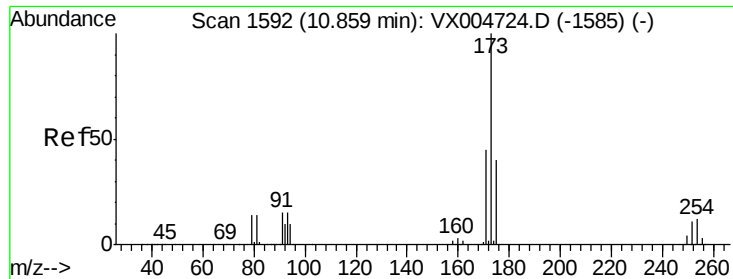
Tot Ion:106 Resp: 111042
Ion Ratio Lower Upper
106 100
91 216.9 105.1 315.1



#70
Styrene
Concen: 20.371 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion:104 Resp: 187485
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 56.6 43.8 65.6





#71

Bromoform

Concen: 18.530 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

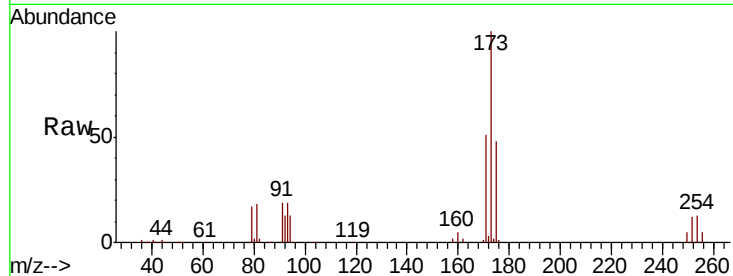
Tot Ion:173 Resp: 51513

Ion Ratio Lower Upper

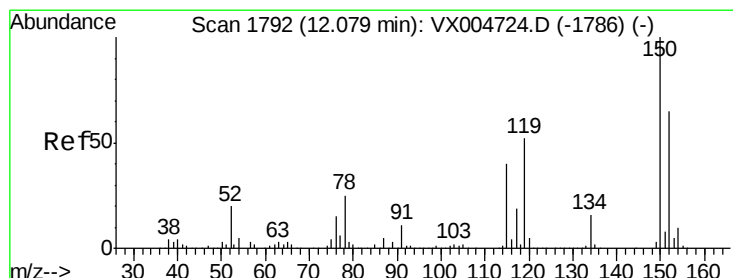
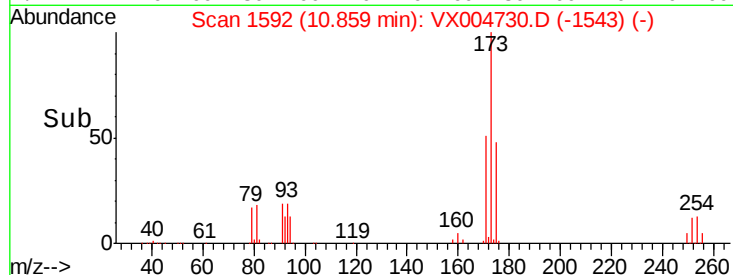
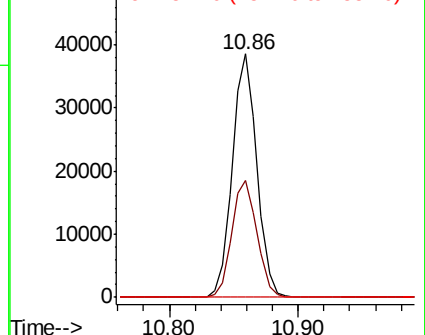
173 100

175 49.1 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: VX004730.D

Acq: 26 Sep 2018 17:01

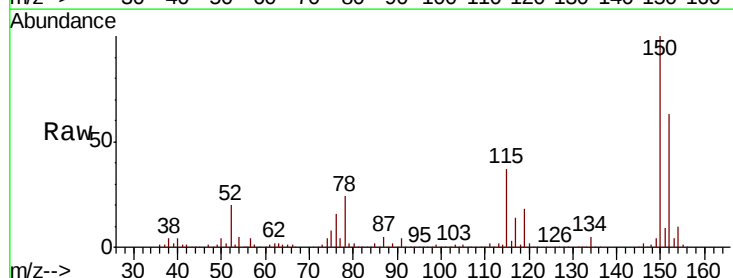
Tgt Ion:152 Resp: 216663

Ion Ratio Lower Upper

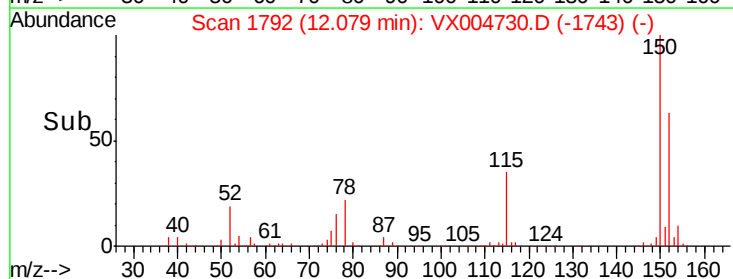
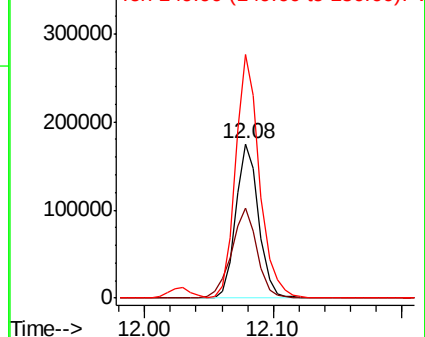
152 100

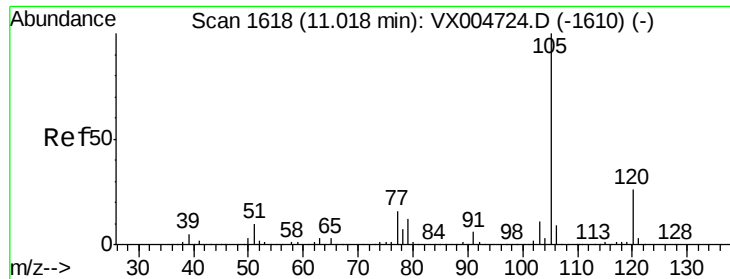
115 65.1 39.0 117.0

150 164.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.074 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

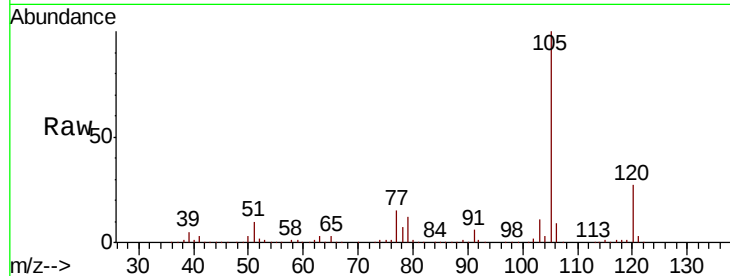
VX0926WBS01

Tot Ion: 105 Resp: 301451

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

250000

200000

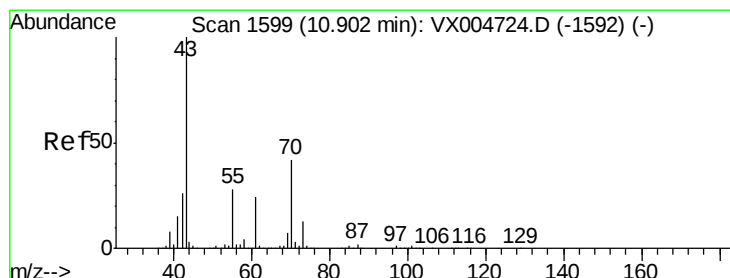
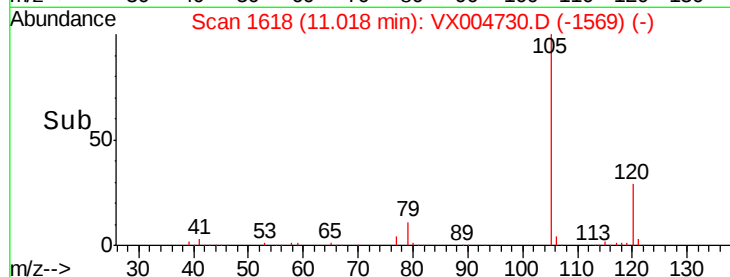
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.528 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion: 43 Resp: 138299

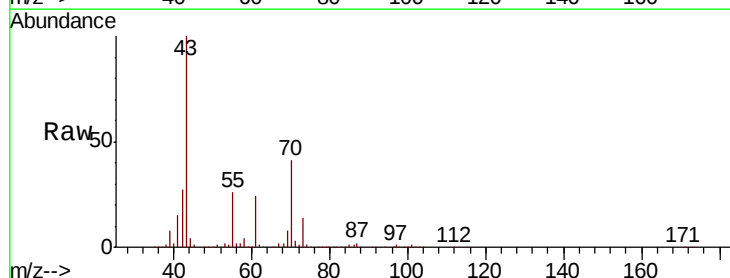
Ion Ratio Lower Upper

43 100

70 40.4 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

10.90

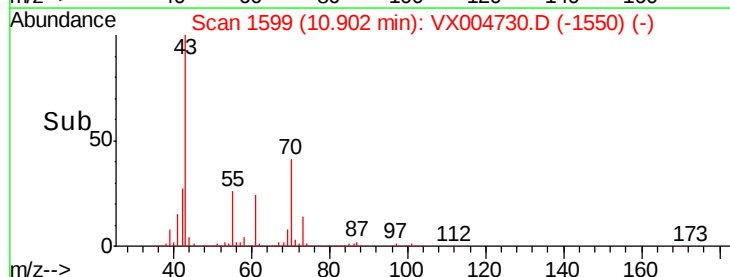
150000

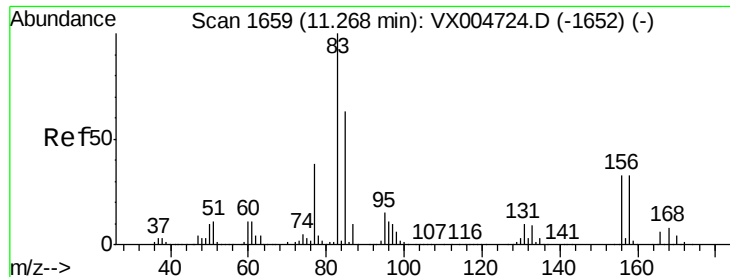
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.230 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0926WBS01

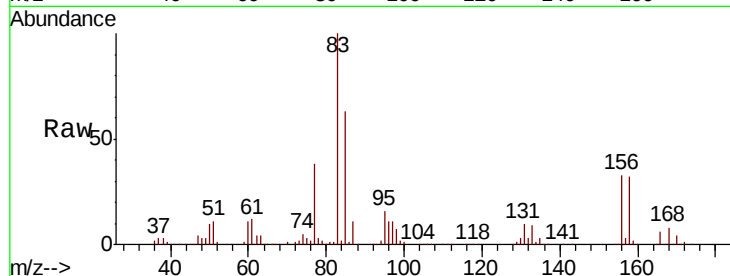
Tot Ion: 83 Resp: 106903

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

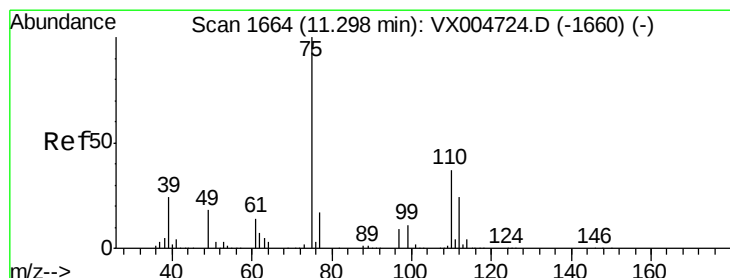
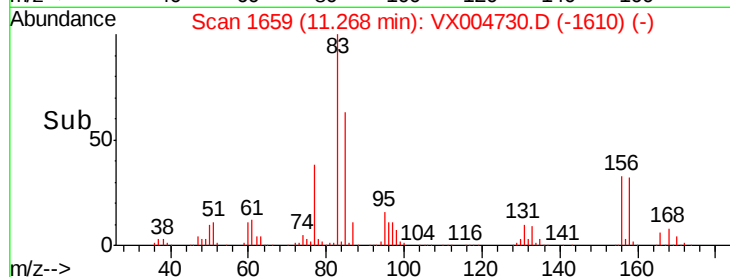
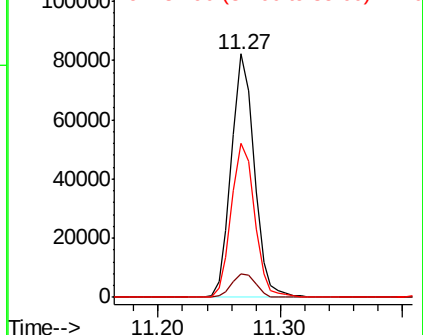
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.787 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004730.D

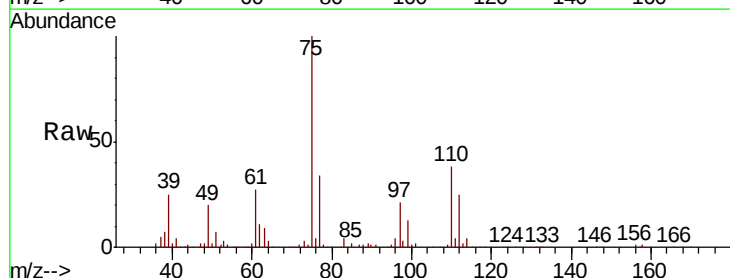
Acq: 26 Sep 2018 17:01

Tgt Ion: 75 Resp: 120373

Ion Ratio Lower Upper

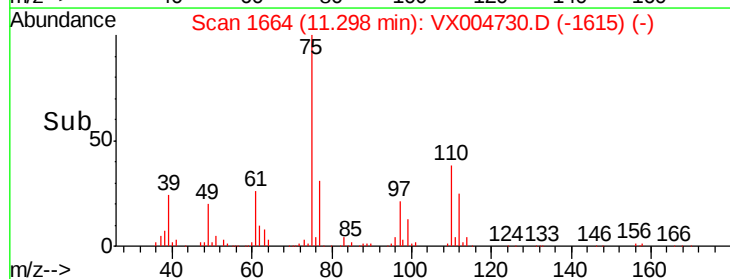
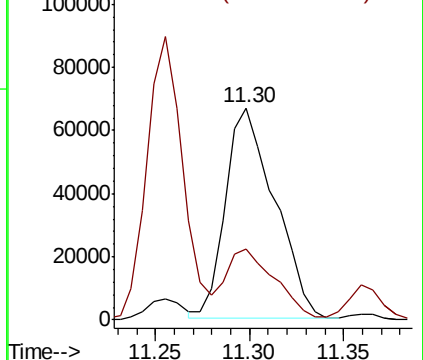
75 100

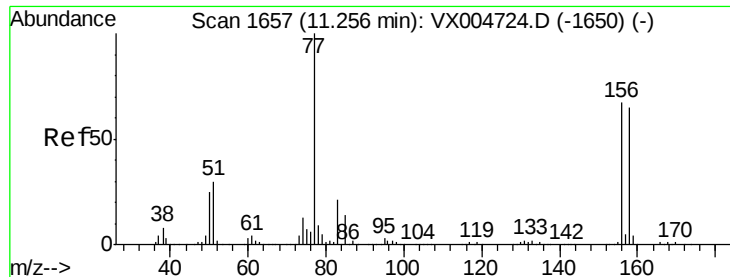
77 33.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.285 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

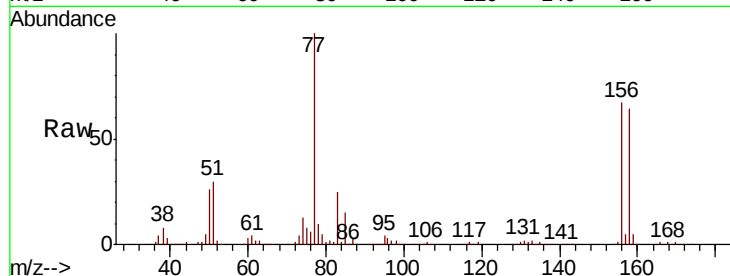
Tot Ion:156 Resp: 80465

Ion Ratio Lower Upper

156 100

77 149.7 71.5 214.3

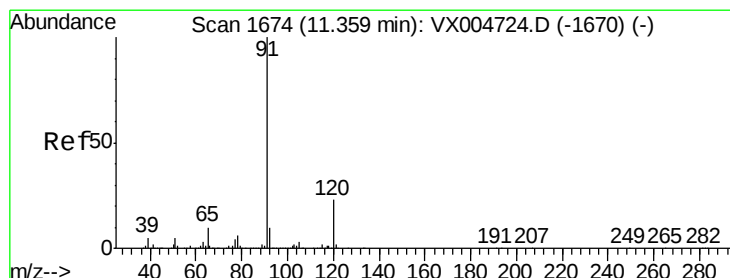
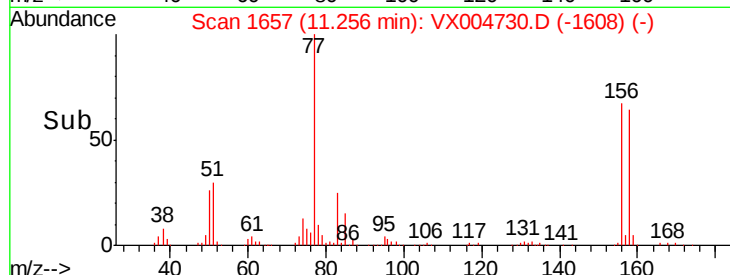
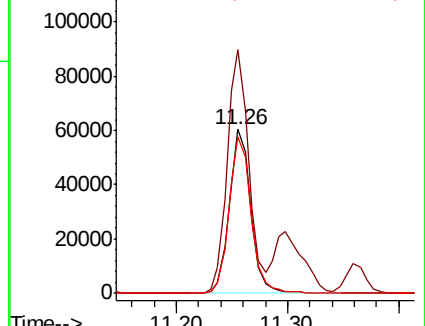
158 98.2 48.9 146.8



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: 22.430 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004730.D

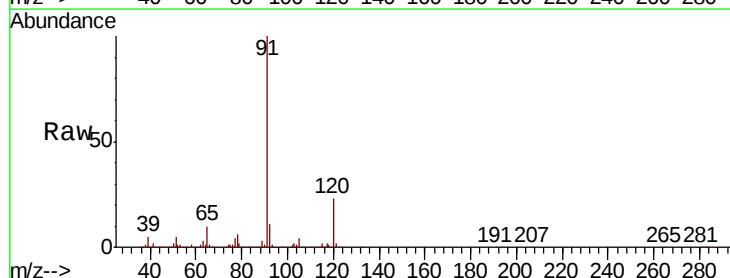
Acq: 26 Sep 2018 17:01

Tgt Ion: 91 Resp: 351463

Ion Ratio Lower Upper

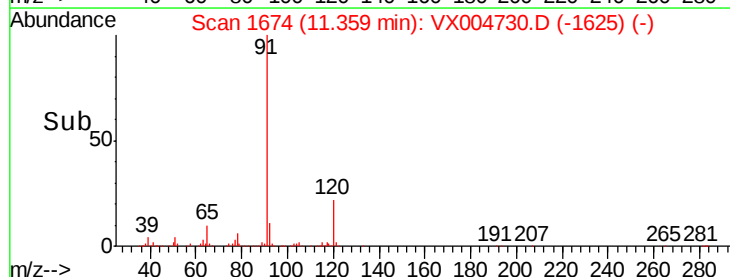
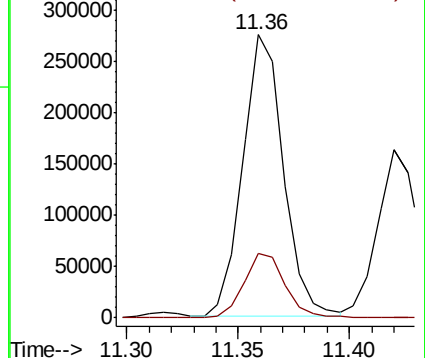
91 100

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

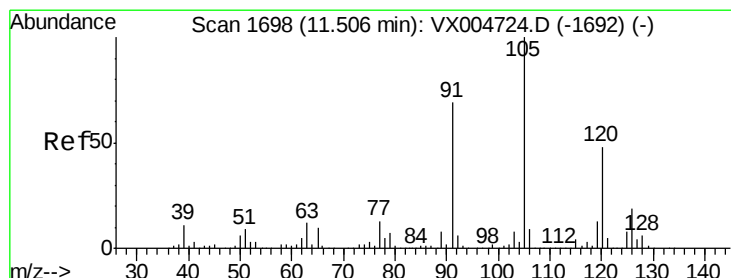
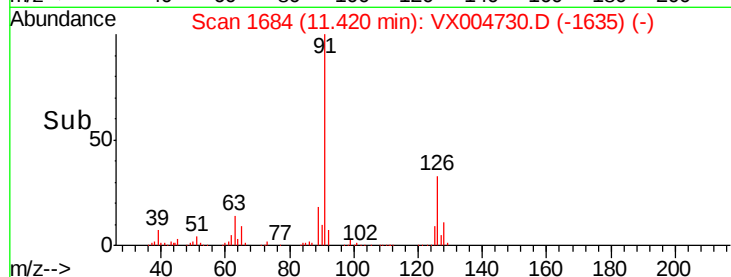
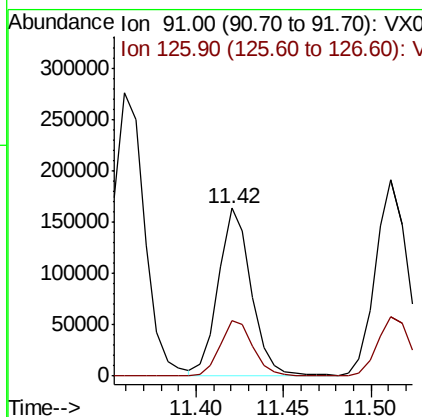
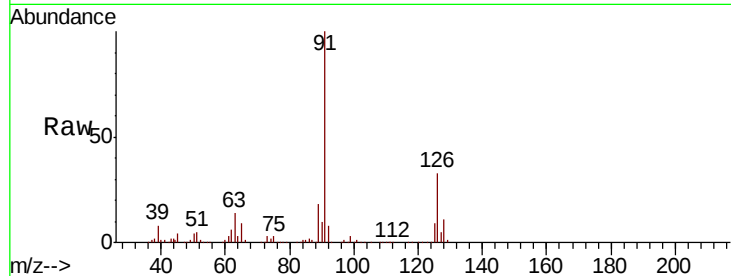




#79
 2-Chlorotoluene
 Concen: 21.698 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

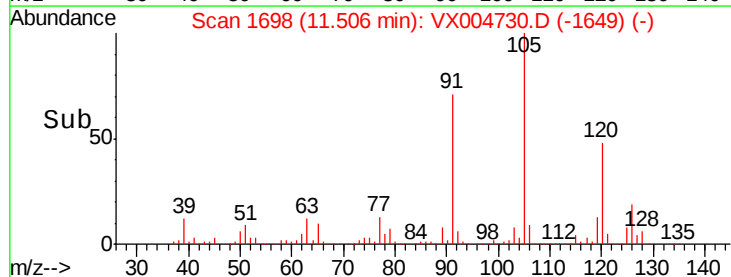
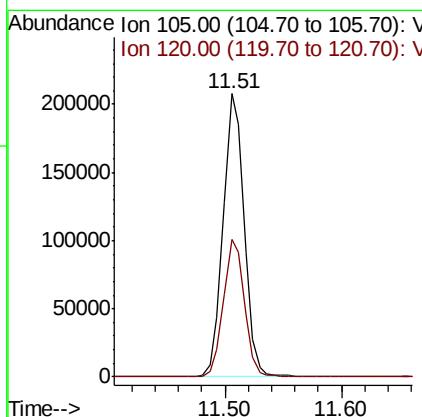
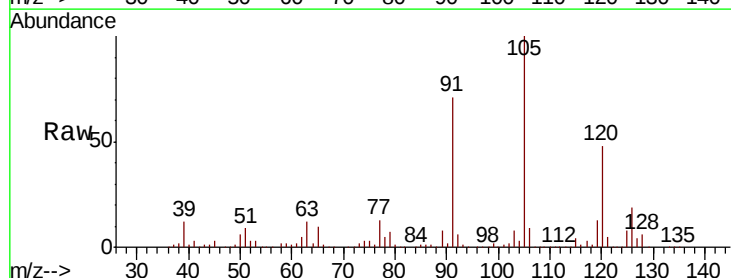
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

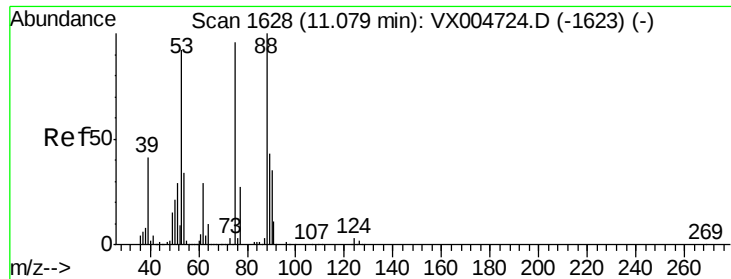
Tot Ion: 91 Resp: 211923
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.504 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 105 Resp: 258102
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.600 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0926WBS01

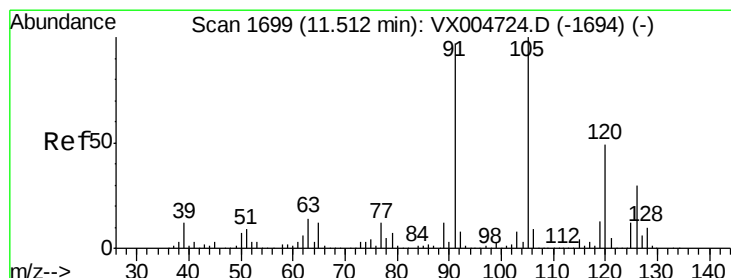
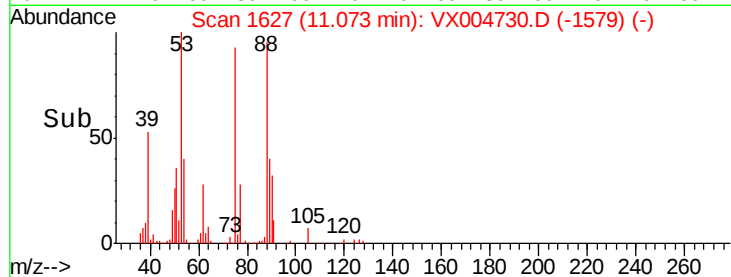
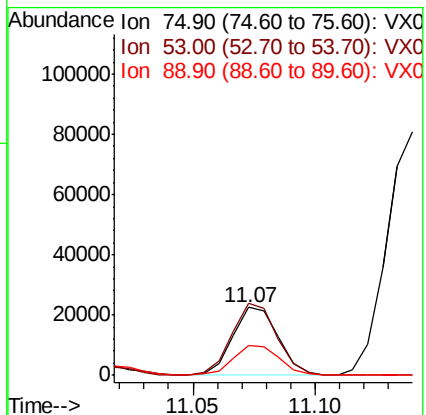
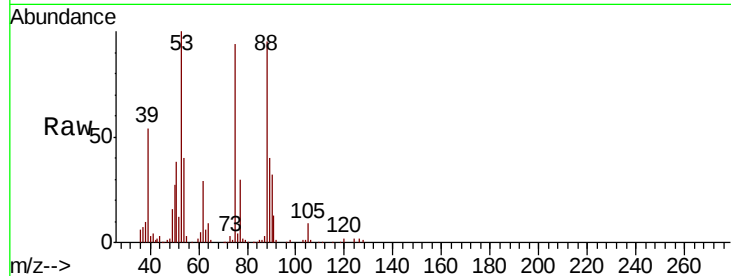
Tot Ion: 75 Resp: 28950

Ion Ratio Lower Upper

75 100

53 105.0 80.1 120.1

89 46.1 37.2 55.8



#82

4-Chlorotoluene

Concen: 21.618 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004730.D

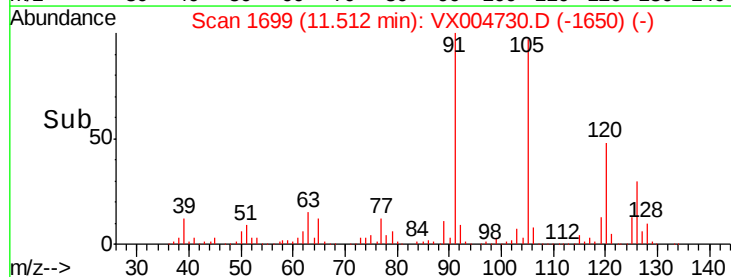
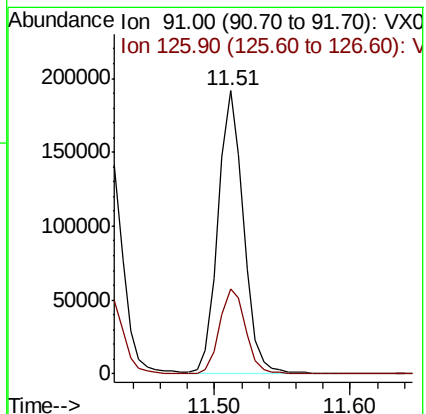
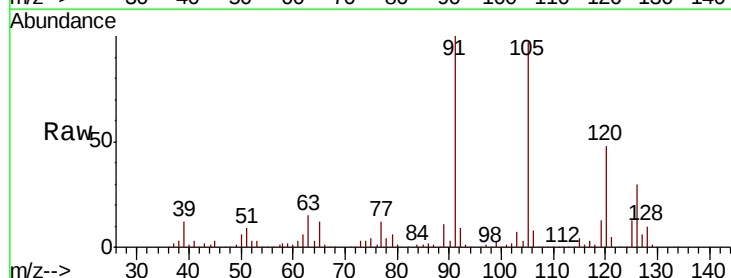
Acq: 26 Sep 2018 17:01

Tgt Ion: 91 Resp: 248527

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

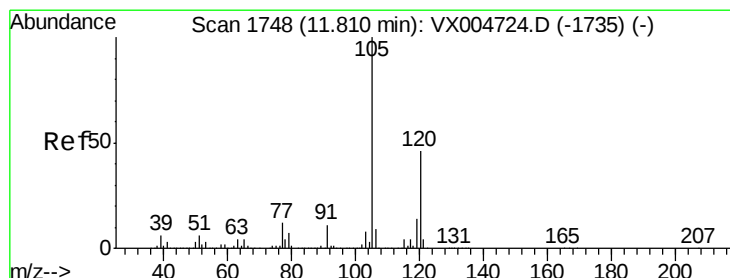
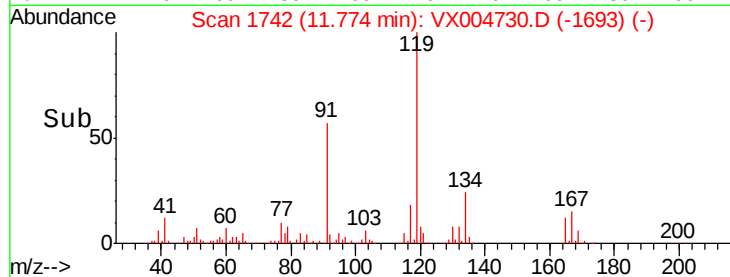
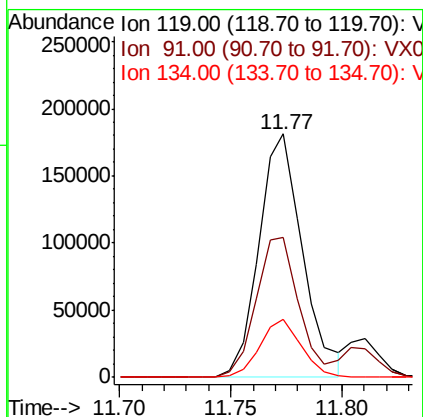
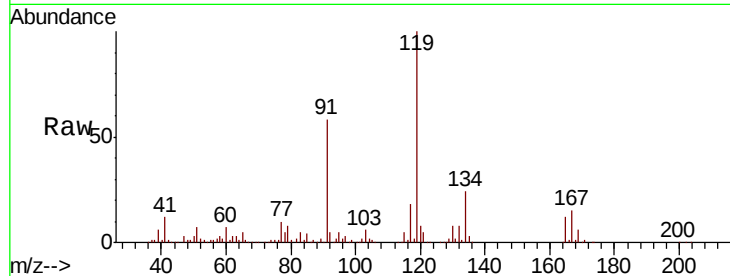




#83
 tert-Butylbenzene
 Concen: 21.952 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

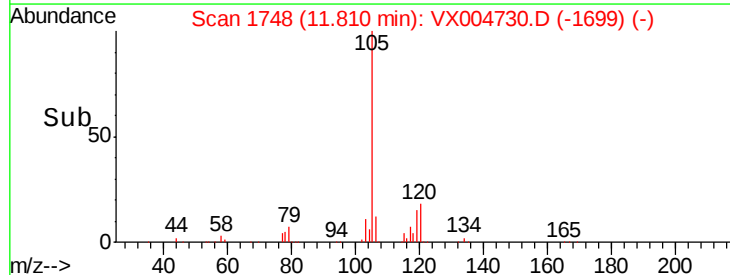
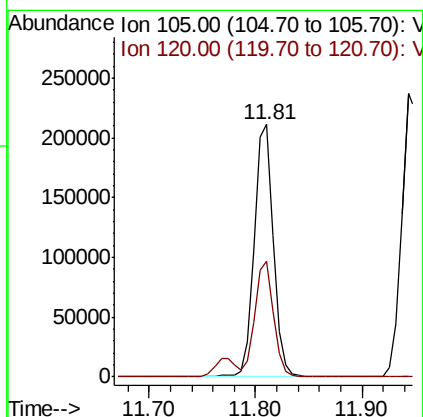
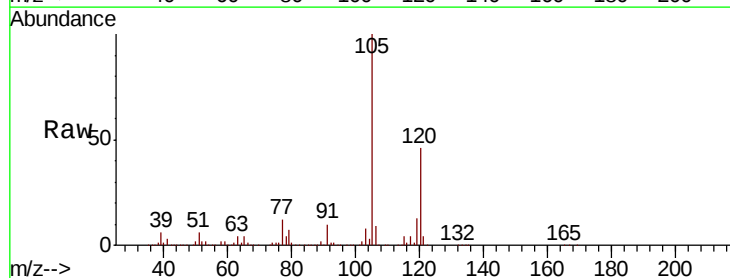
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

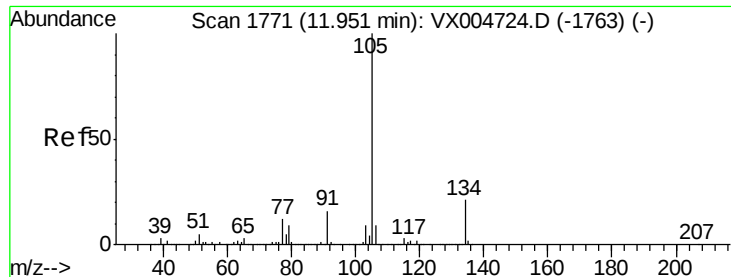
Tot Ion:119 Resp: 246829
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.517 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion:105 Resp: 266337
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.246 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

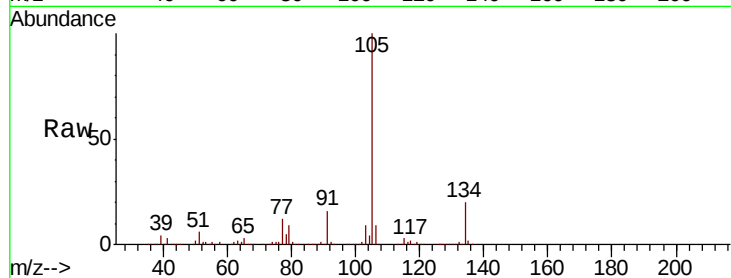
VX0926WBS01

Tot Ion:105 Resp: 304670

Ion Ratio Lower Upper

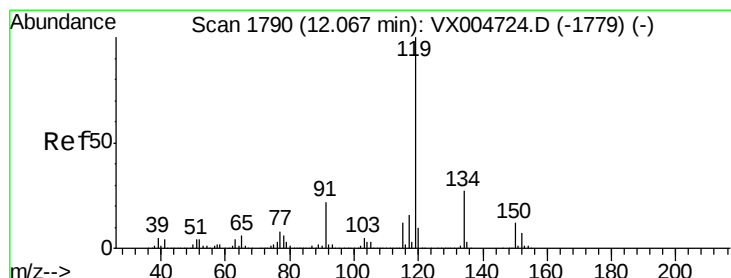
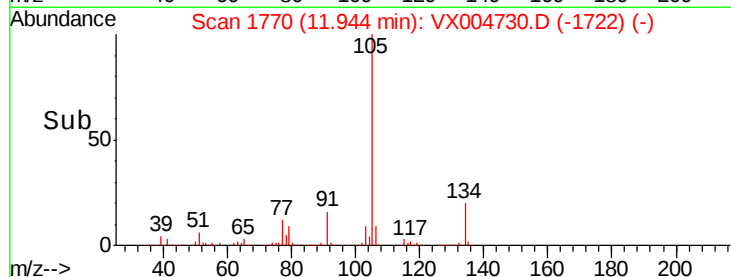
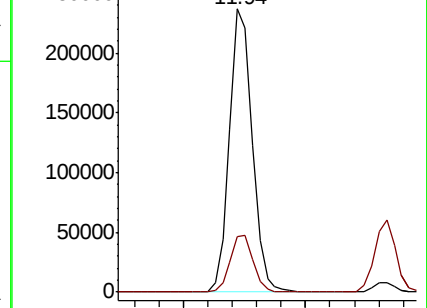
105 100

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



#86

p-Isopropyltoluene

Concen: 22.000 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

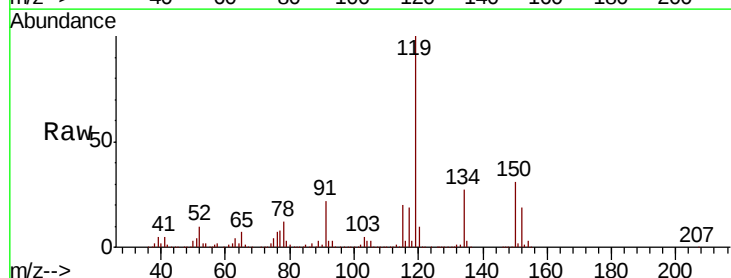
Tgt Ion:119 Resp: 272973

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

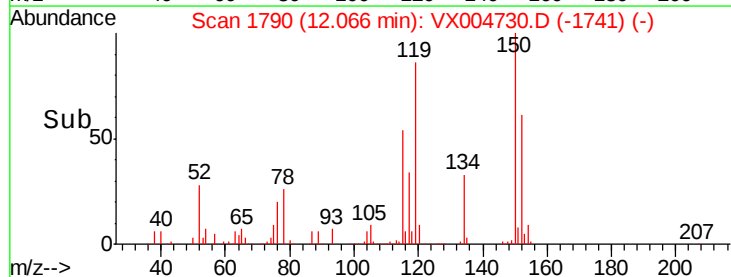
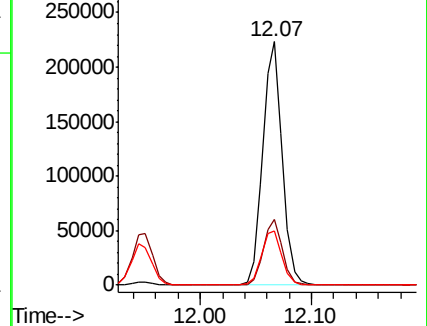
91 23.1 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

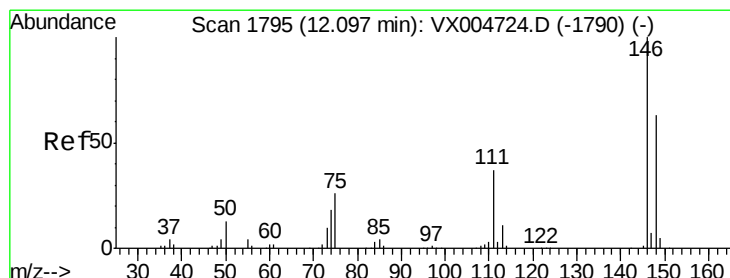
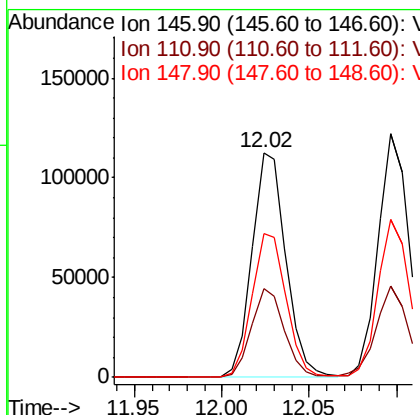
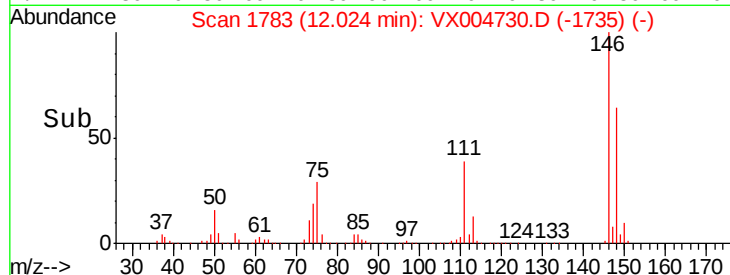
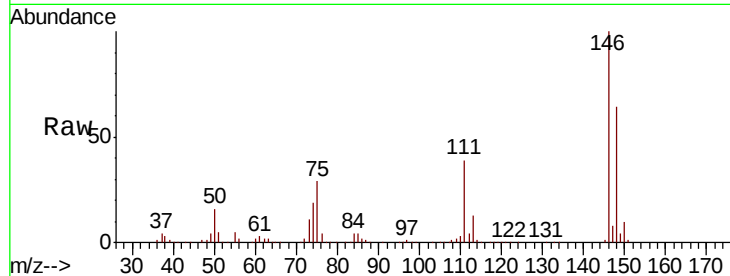




#87
 1,3-Dichlorobenzene
 Concen: 20.516 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

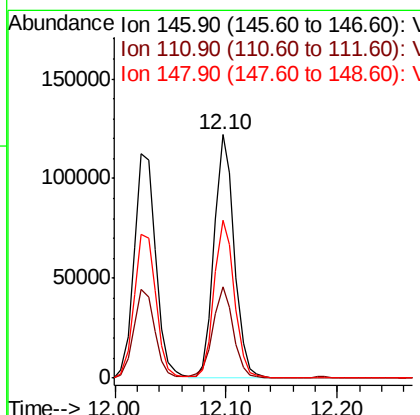
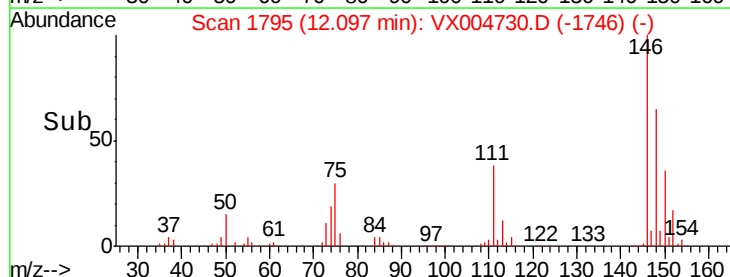
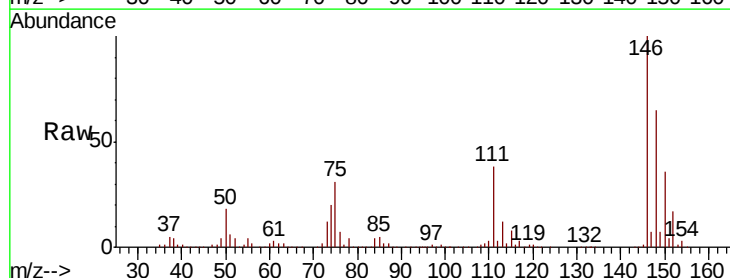
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

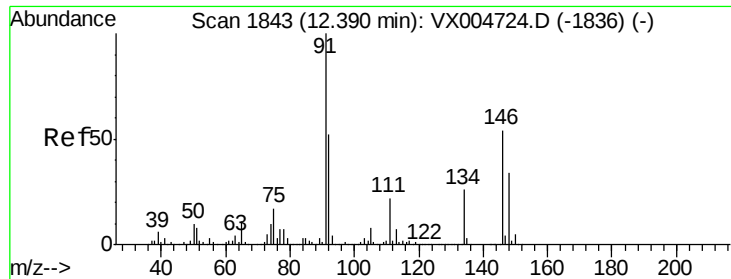
Tot Ion:146 Resp: 151958
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.7 56.1
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.019 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion:146 Resp: 153068
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.1 54.1
 148 65.4 32.0 96.0

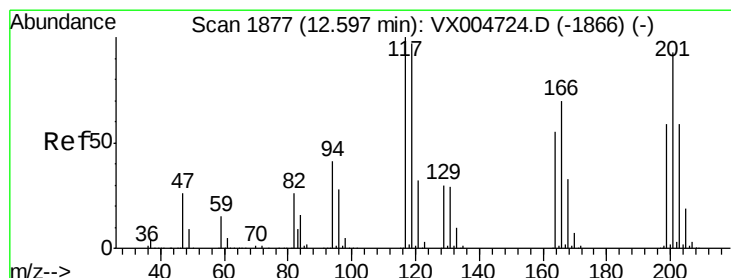
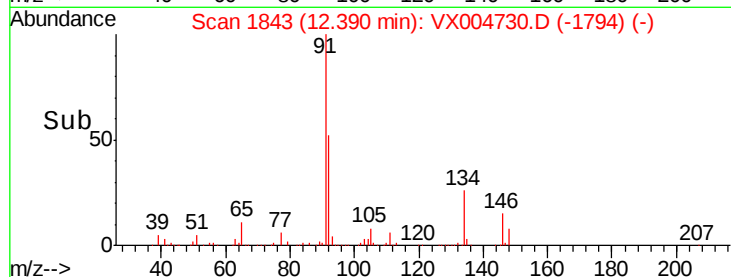
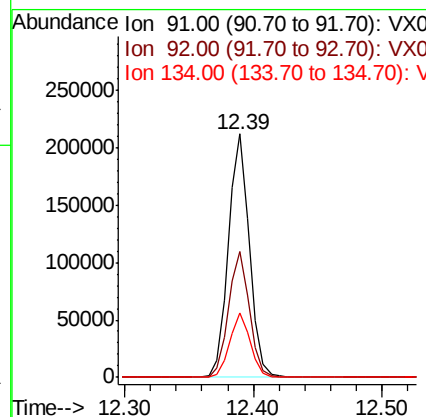
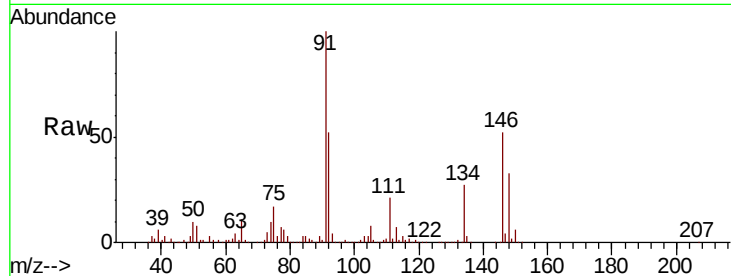




#89
n-Butylbenzene
Concen: 21.608 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

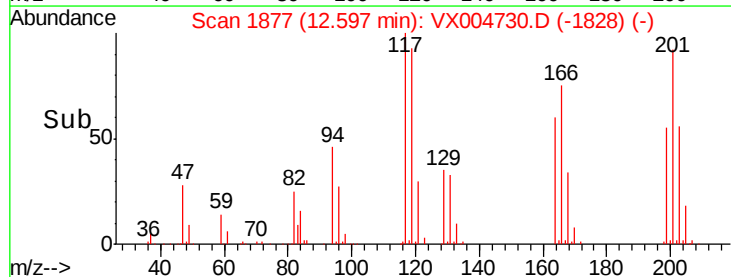
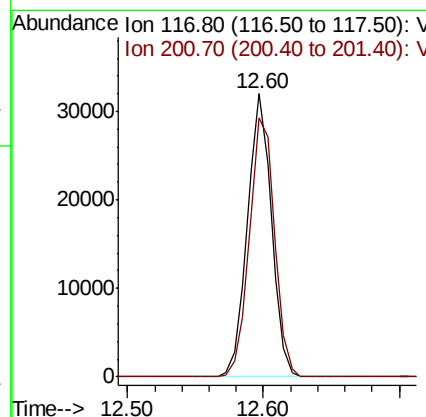
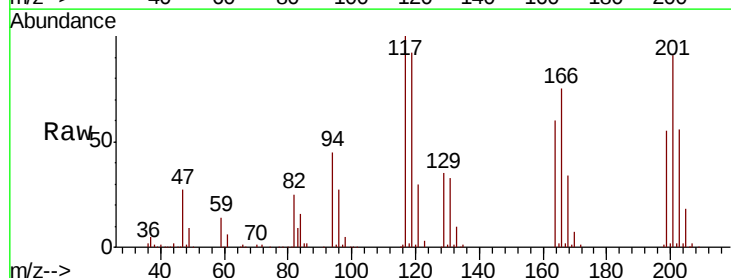
Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

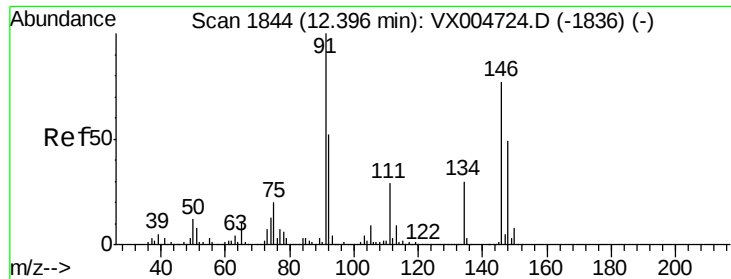
Tot Ion: 91 Resp: 243503
Ion Ratio Lower Upper
91 100
92 51.8 27.3 81.9
134 26.0 13.6 40.7



#90
Hexachloroethane
Concen: 19.149 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 117 Resp: 39560
Ion Ratio Lower Upper
117 100
201 95.8 46.9 140.6

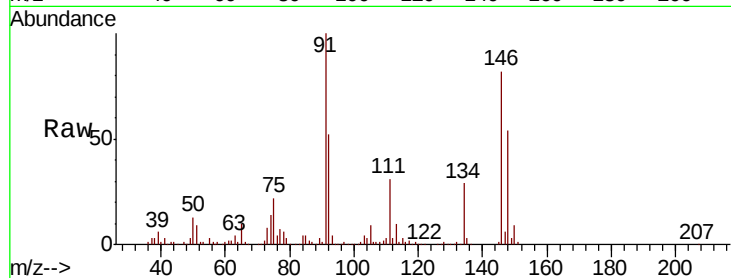




#91
 1,2-Dichlorobenzene
 Concen: 19.359 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.1
148	64.5	32.8	98.3

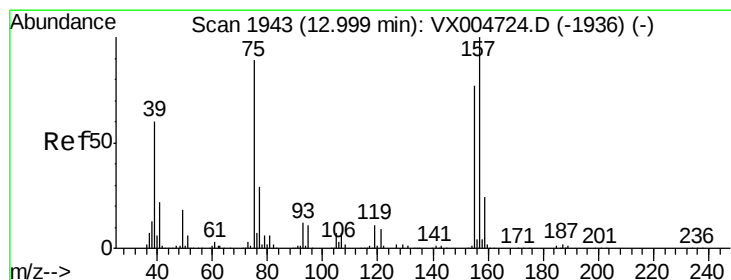
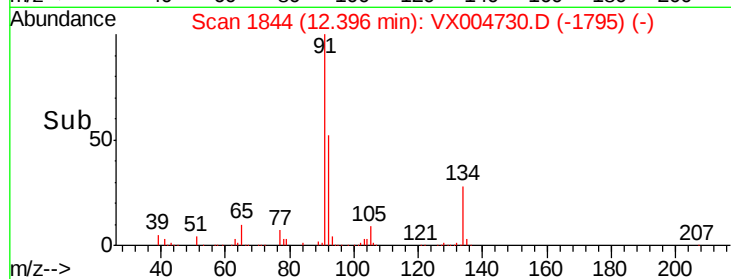
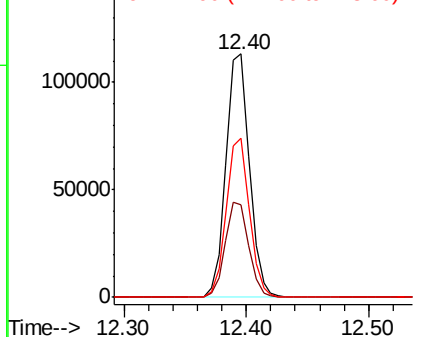


Abundance

Ion 145.90 (145.60 to 146.60): V

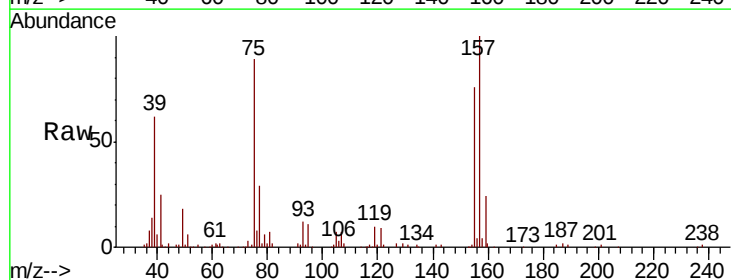
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.659 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	48.0	144.2
157	118.6	61.4	184.1

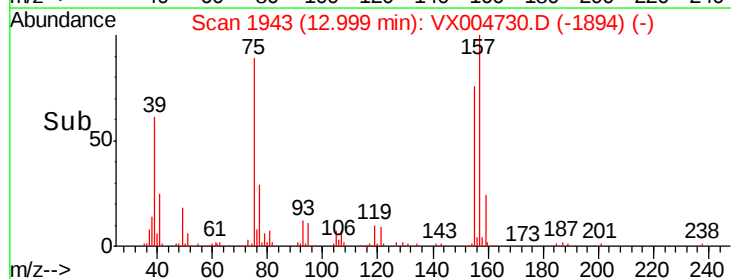
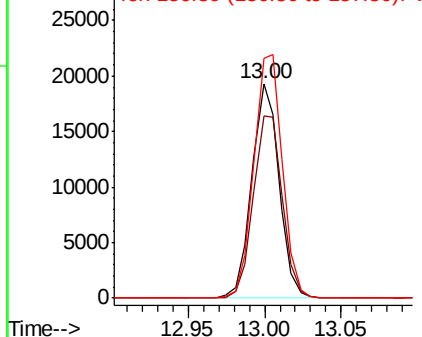


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

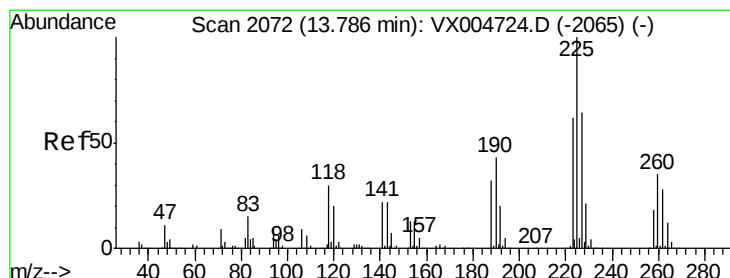
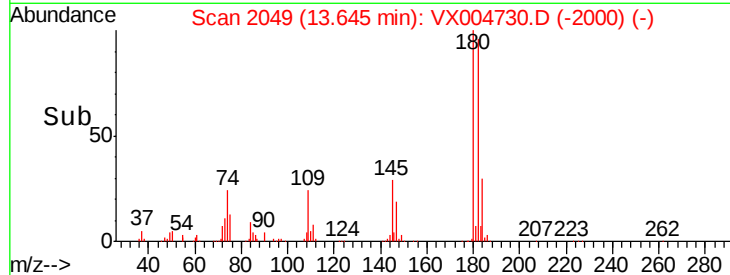
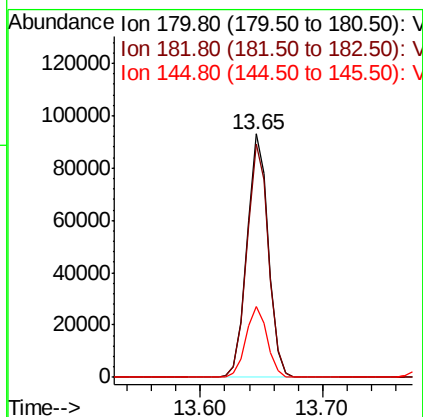
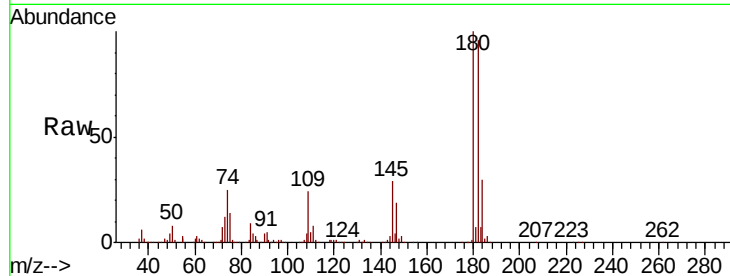




#93
 1,2,4-Trichlorobenzene
 Concen: 20.685 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

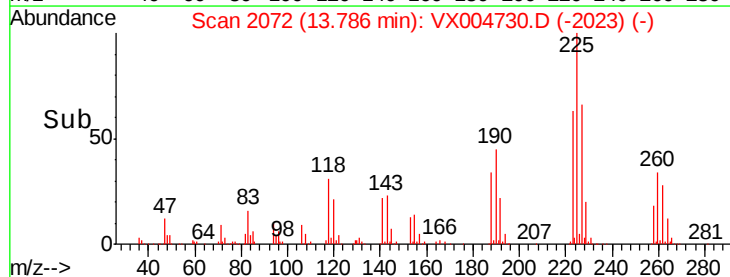
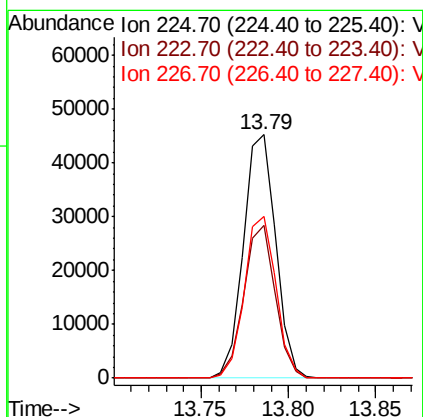
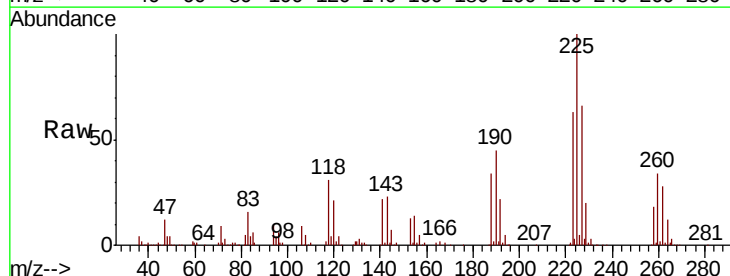
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

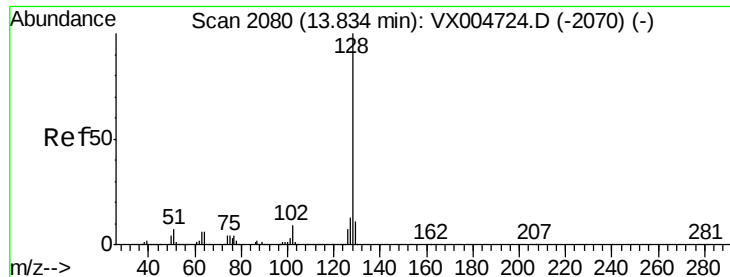
Tot Ion:180 Resp: 112318
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.4 145.0
 145 28.9 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 20.633 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion:225 Resp: 58097
 Ion Ratio Lower Upper
 225 100
 223 61.1 30.1 90.5
 227 64.8 30.8 92.4





#95

Naphthalene

Concen: 19.764 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

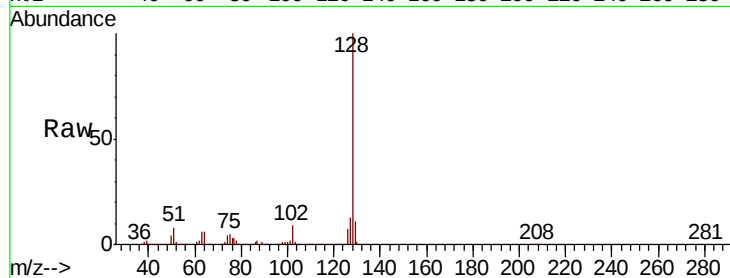
Tot Ion:128 Resp: 348224

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

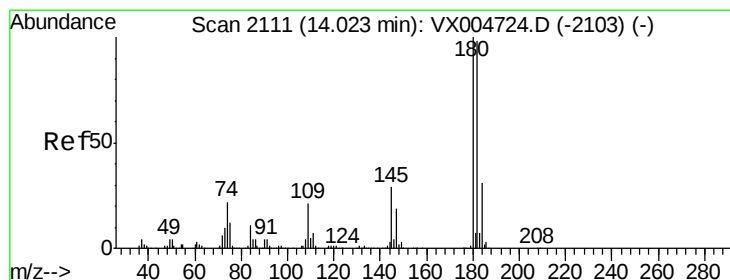
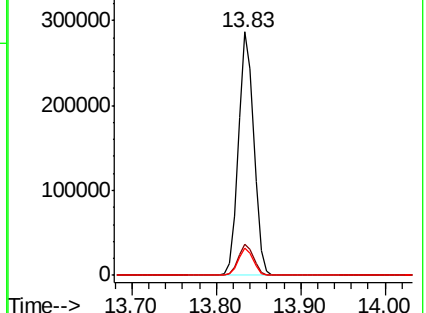
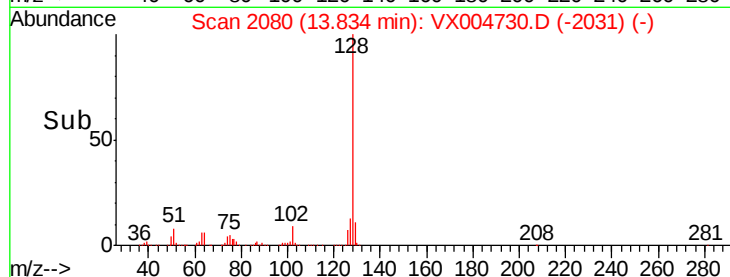
129 11.0 8.6 12.8



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: 20.239 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

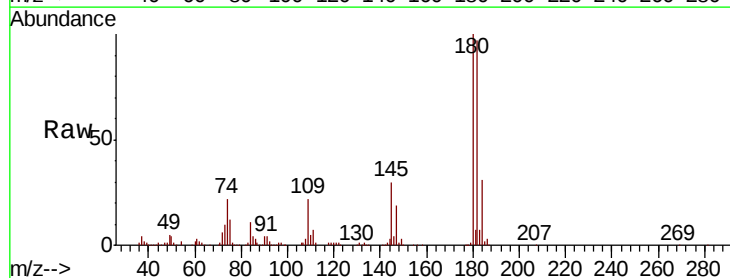
Tgt Ion:180 Resp: 113521

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.6

145 29.9 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

