

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005970.D
 Acq On : 14 Nov 2018 13:23
 Operator : JC/MD
 Sample : VX1114WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

Quant Time: Nov 15 00:21:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	98352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	147507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	128370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	59121	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	5.50	113	47591	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	162657	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	60628	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	17444	19.672	ug/l	84
3) Chloromethane	1.32	50	23218	19.951	ug/l	92
4) Vinyl Chloride	1.40	62	23322	19.962	ug/l	91
5) Bromomethane	1.64	94	13503	18.887	ug/l	98
6) Chloroethane	1.72	64	13374	19.186	ug/l	98
7) Trichlorofluoromethane	1.93	101	32383	20.882	ug/l	94
8) Diethyl Ether	2.19	74	12458	20.502	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18728	20.998	ug/l	95
10) Methyl Iodide	2.51	142	18525	17.138	ug/l	100
11) Tert butyl alcohol	3.06	59	32221	99.478	ug/l	99
12) 1,1-Dichloroethene	2.37	96	16717	19.230	ug/l	89
13) Acrolein	2.29	56	23759	161.211	ug/l	95
14) Allyl chloride	2.73	41	43066	22.181	ug/l	98
15) Acrylonitrile	3.15	53	72979	108.721	ug/l	99
16) Acetone	2.45	43	64586	106.089	ug/l	93
17) Carbon Disulfide	2.57	76	49226	18.984	ug/l	98
18) Methyl Acetate	2.78	43	38744	22.945	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	62936	21.212	ug/l	99
20) Methylene Chloride	2.85	84	20187	20.186	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	18400	20.067	ug/l	92
22) Diisopropyl ether	3.87	45	73643	21.652	ug/l	92
23) Vinyl Acetate	3.82	43	320796	110.004	ug/l	98
24) 1,1-Dichloroethane	3.70	63	37626	20.735	ug/l	98
25) 2-Butanone	4.70	43	100004	104.485	ug/l	99
26) 2,2-Dichloropropane	4.58	77	28840	21.666	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	19647	19.405	ug/l	89
28) Bromochloromethane	5.01	49	17661	21.778	ug/l	96
29) Tetrahydrofuran	5.15	42	62304	101.383	ug/l	99
30) Chloroform	5.21	83	37535	21.440	ug/l #	82
31) Cyclohexane	5.57	56	29818	18.930	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	30037	20.570	ug/l	98
36) 1,1-Dichloropropene	5.79	75	24255	17.057	ug/l	97
37) Ethyl Acetate	4.85	43	36358	19.443	ug/l	99
38) Carbon Tetrachloride	5.78	117	27055	19.005	ug/l	91

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1114WBS01

Quant Time: Nov 15 00:21:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	25154	17.453	ug/l	97
40) Benzene	6.14	78	75463	18.204	ug/l	98
41) Methacrylonitrile	5.06	41	18757	18.563	ug/l	98
42) 1,2-Dichloroethane	6.20	62	27976	18.842	ug/l	99
43) Isopropyl Acetate	6.46	43	49244	18.174	ug/l	100
44) Trichloroethene	7.21	130	18879	17.933	ug/l	99
45) 1,2-Dichloropropane	7.51	63	19260	19.142	ug/l	94
46) Dibromomethane	7.66	93	12209	19.337	ug/l	98
47) Bromodichloromethane	7.90	83	23826	19.968	ug/l	100
48) Methyl methacrylate	7.77	41	23854	19.606	ug/l	98
49) 1,4-Dioxane	7.75	88	9529	363.462	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	165963	97.185	ug/l	99
52) Toluene	8.79	92	43451	18.754	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	25527	18.128	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	28028	19.529	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	18269	17.693	ug/l	99
56) Ethyl methacrylate	9.18	69	26116	16.904	ug/l	98
57) 1,3-Dichloropropane	9.37	76	30722	17.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	80687	100.948	ug/l	99
59) 2-Hexanone	9.49	43	132045	87.723	ug/l	98
60) Dibromochloromethane	9.59	129	18810	16.856	ug/l	99
61) 1,2-Dibromoethane	9.67	107	18987	16.629	ug/l	98
64) Tetrachloroethene	9.34	164	20418	18.682	ug/l	98
65) Chlorobenzene	10.14	112	49168	19.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	17929	20.054	ug/l	99
67) Ethyl Benzene	10.25	91	81512	19.767	ug/l	100
68) m/p-Xylenes	10.36	106	63270	40.224	ug/l	97
69) o-Xylene	10.70	106	30095	21.337	ug/l	99
70) Styrene	10.71	104	50031	21.503	ug/l	99
71) Bromoform	10.86	173	15298	20.412	ug/l #	100
73) Isopropylbenzene	11.02	105	83328	20.281	ug/l	100
74) N-amyl acetate	10.90	43	39566	17.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	29492	19.556	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	35756	24.715	ug/l	84
77) Bromobenzene	11.26	156	22219	19.186	ug/l	99
78) n-propylbenzene	11.36	91	96900	20.011	ug/l	98
79) 2-Chlorotoluene	11.42	91	58664	20.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	71359	20.437	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8828	19.448	ug/l	95
82) 4-Chlorotoluene	11.51	91	69581	20.172	ug/l	99
83) tert-Butylbenzene	11.77	119	69237	19.601	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	74815	19.343	ug/l	98
85) sec-Butylbenzene	11.94	105	85474	19.788	ug/l	99
86) p-Isopropyltoluene	12.07	119	74958	19.591	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	41194	18.535	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	42308	18.595	ug/l	98
89) n-Butylbenzene	12.39	91	65893	18.582	ug/l	99
90) Hexachloroethane	12.60	117	12225	19.138	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	41854	18.798	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7232	19.652	ug/l	99

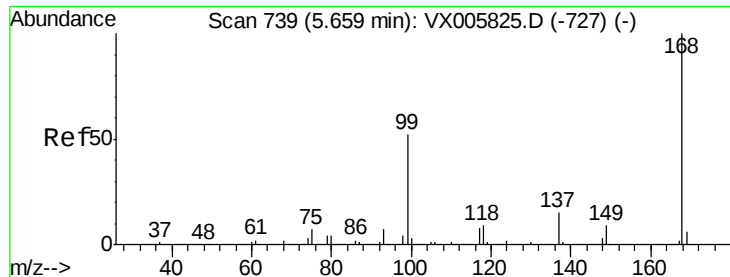
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
Data File : VX005970.D
Acq On : 14 Nov 2018 13:23
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	29614	18.894	ug/l	99
94) Hexachlorobutadiene	13.78	225	15410	18.716	ug/l	100
95) Naphthalene	13.83	128	89283	18.233	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	30843	19.315	ug/l	99

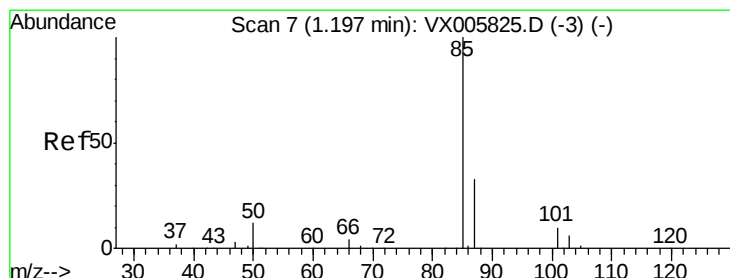
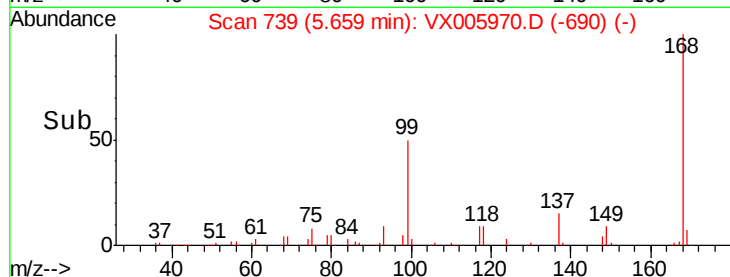
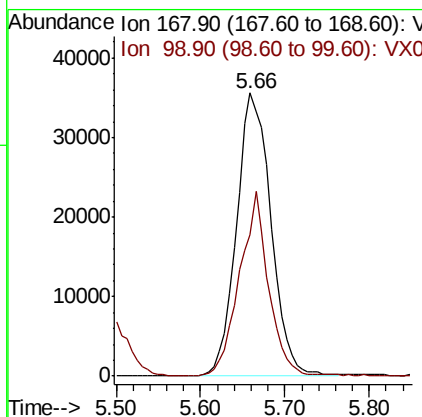
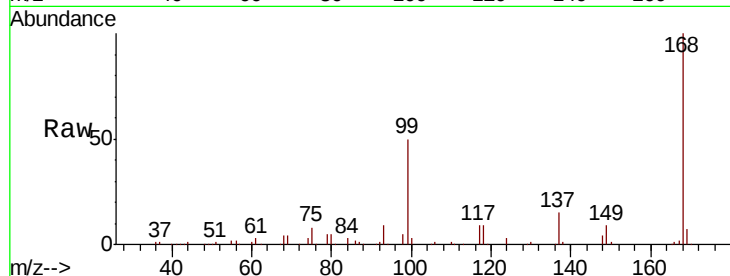
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

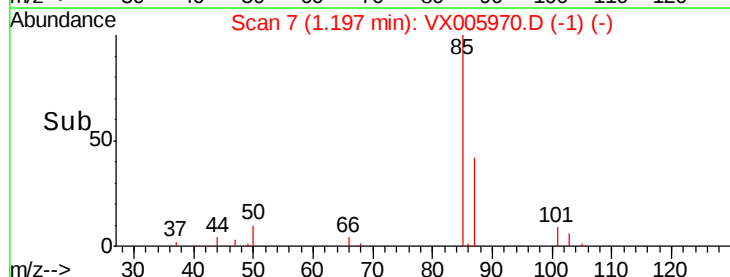
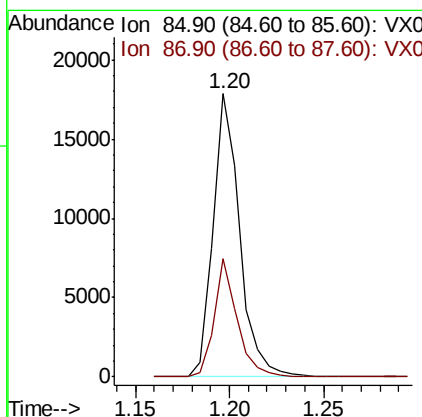
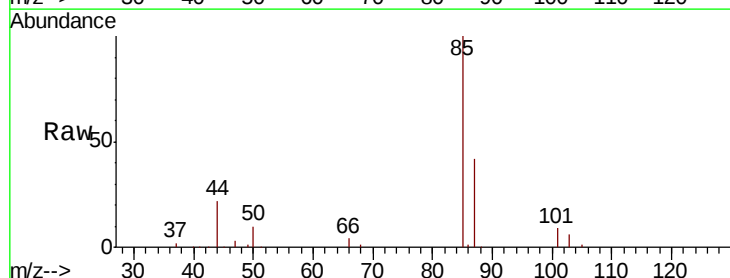
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

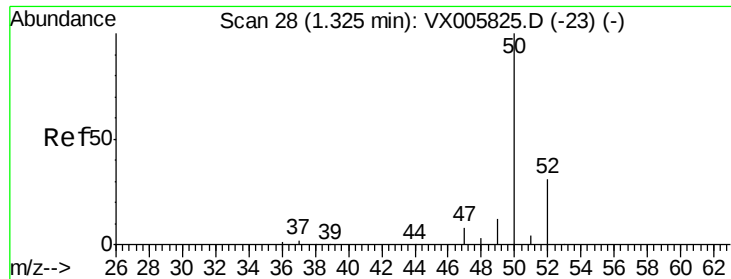
Tot Ion:168 Resp: 98352
Ion Ratio Lower Upper
168 100
99 50.1 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 19.672 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 85 Resp: 17444
Ion Ratio Lower Upper
85 100
87 41.7 16.3 48.9

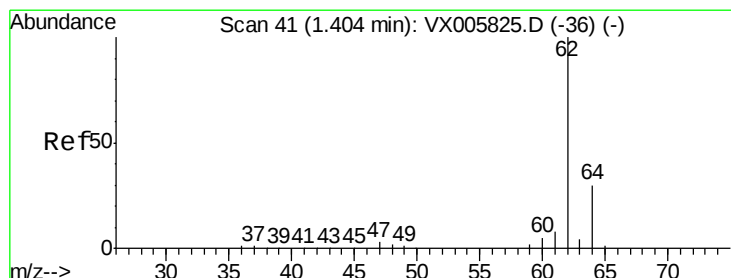
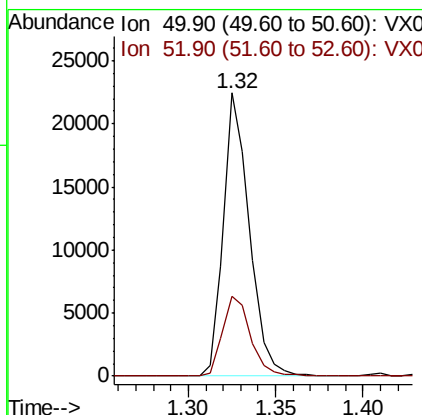
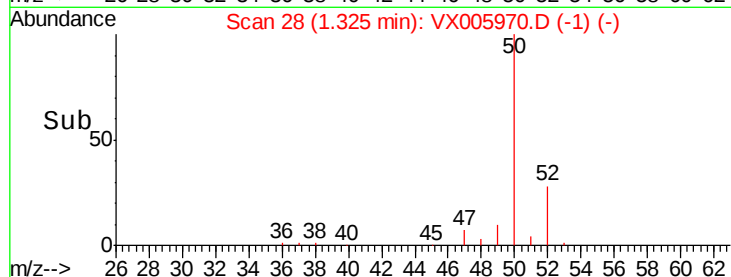
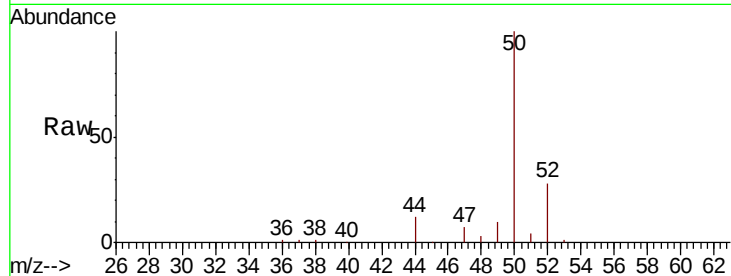




#3
 Chloromethane
 Concen: 19.951 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

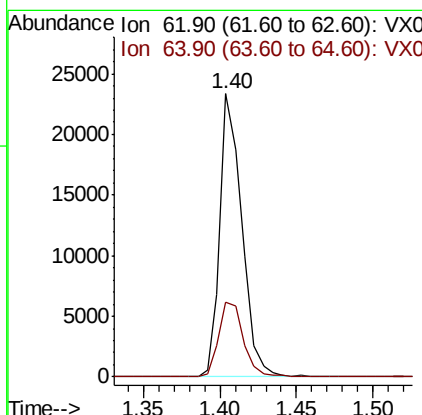
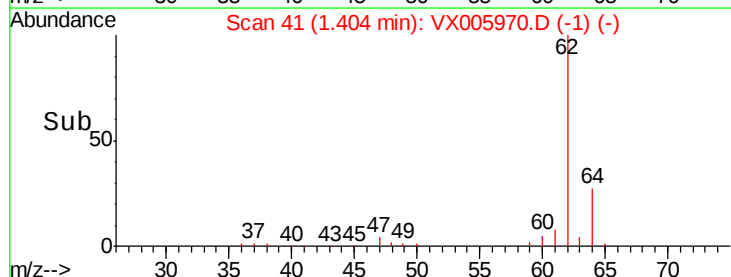
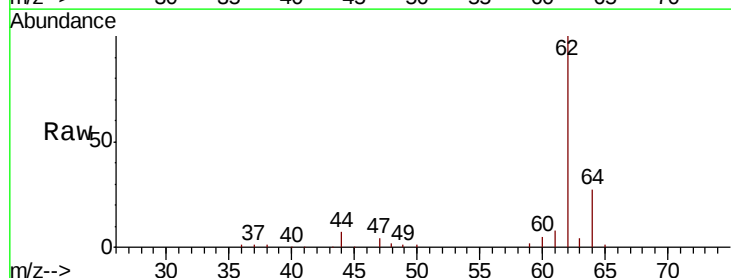
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

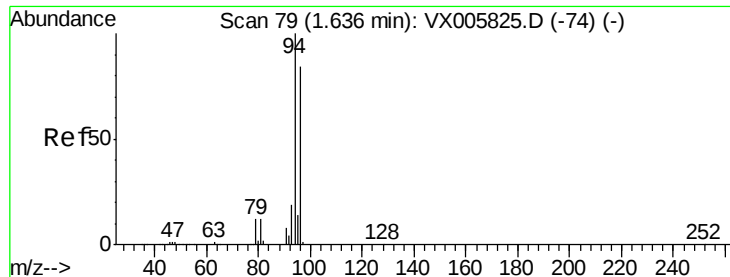
Tot Ion: 50 Resp: 23218
 Ion Ratio Lower Upper
 50 100
 52 28.2 26.2 39.2



#4
 Vinyl Chloride
 Concen: 19.962 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion: 62 Resp: 23322
 Ion Ratio Lower Upper
 62 100
 64 26.6 25.3 37.9





#5

Bromomethane

Concen: 18.887 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

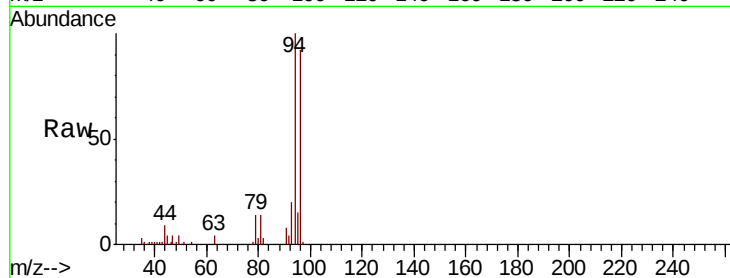
VX1114WBS01

Tot Ion: 94 Resp: 13503

Ion Ratio Lower Upper

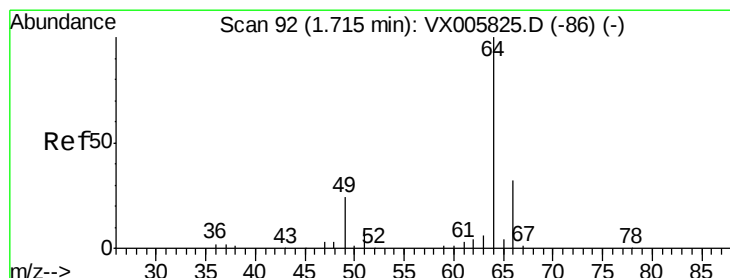
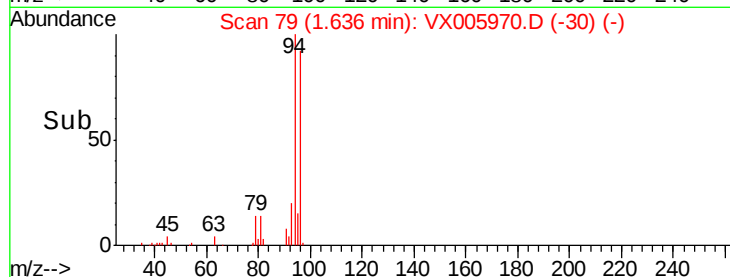
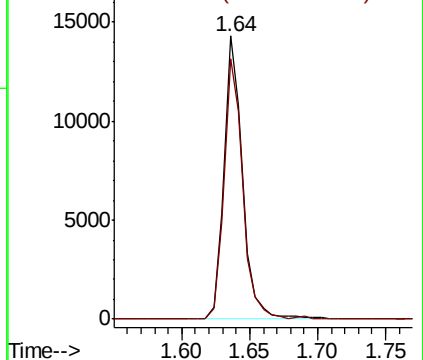
94 100

96 92.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.186 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005970.D

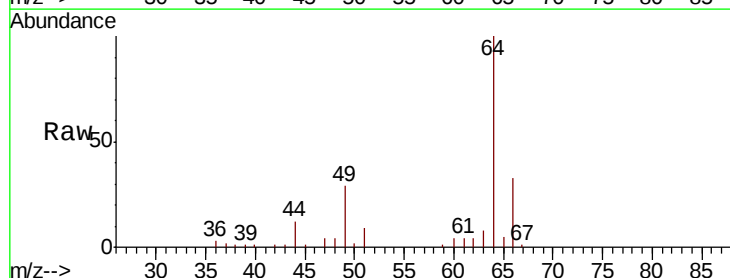
Acq: 14 Nov 2018 13:23

Tgt Ion: 64 Resp: 13374

Ion Ratio Lower Upper

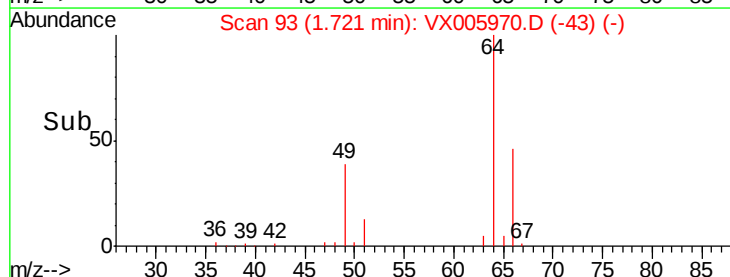
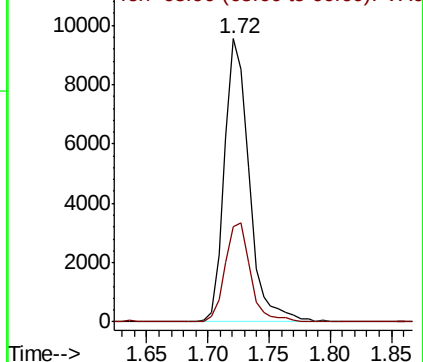
64 100

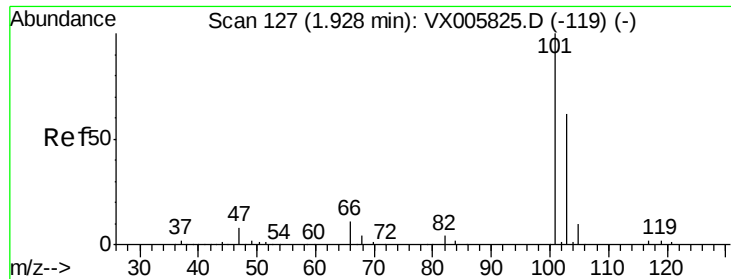
66 33.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



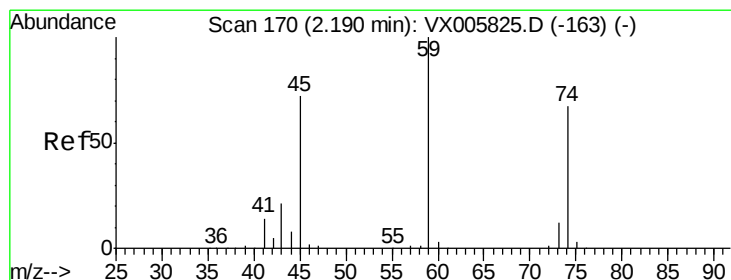
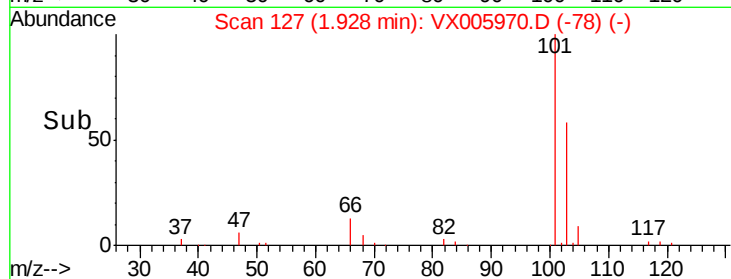
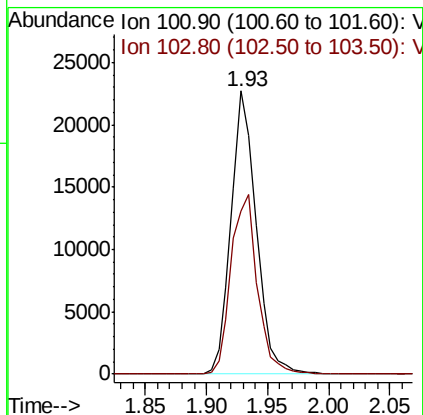
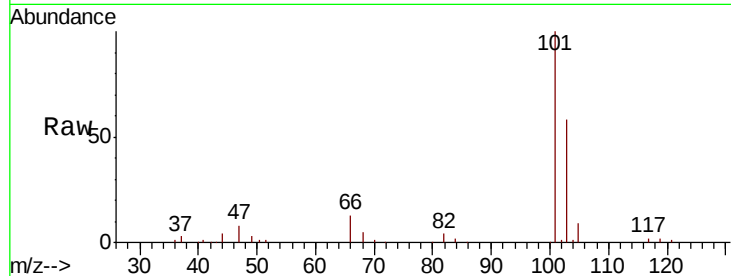


#7

Trichlorofluoromethane
Concen: 20.882 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

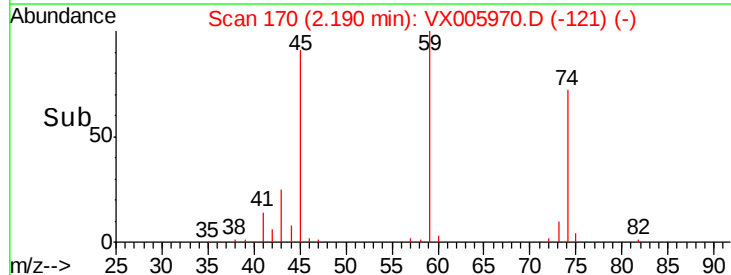
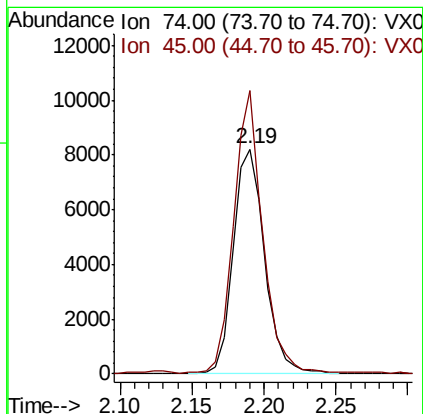
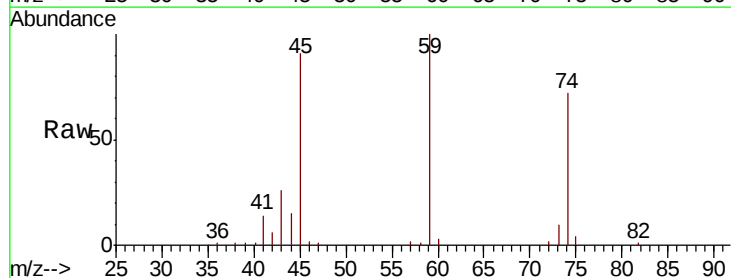
Tot Ion:101 Resp: 32383
Ion Ratio Lower Upper
101 100
103 57.7 50.0 75.0

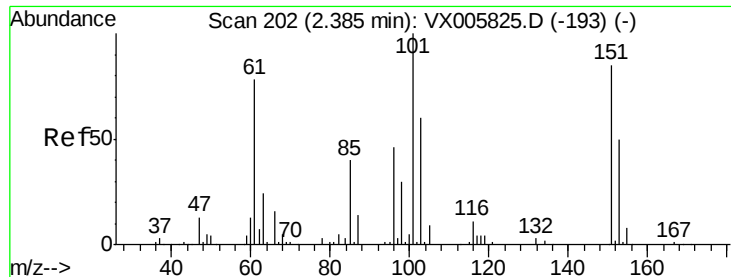


#8

Diethyl Ether
Concen: 20.502 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 74 Resp: 12458
Ion Ratio Lower Upper
74 100
45 118.3 54.1 162.3

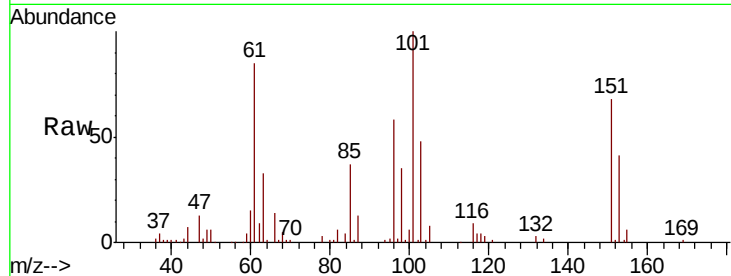




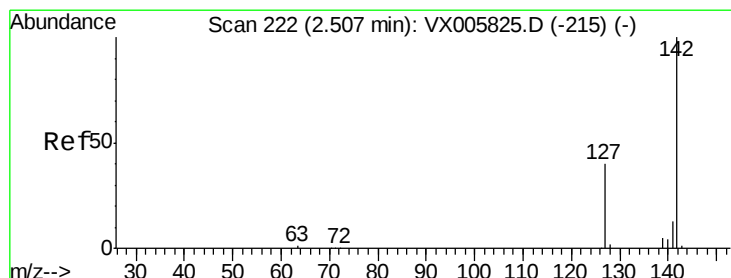
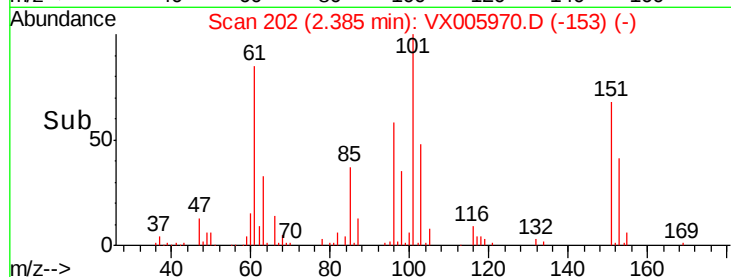
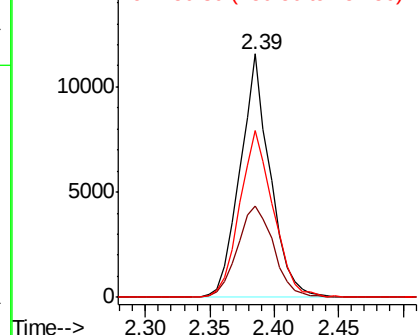
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.998 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

Tot Ion:101 Resp: 18728
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.0 52.4
 151 76.2 66.2 99.2

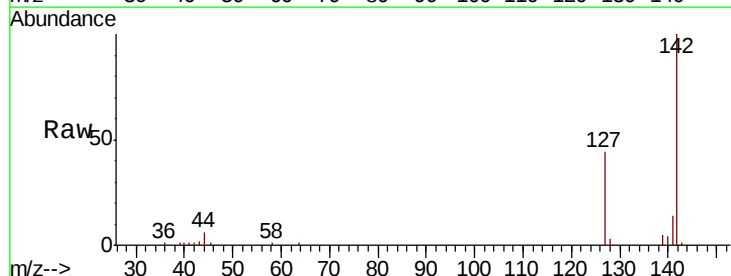


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

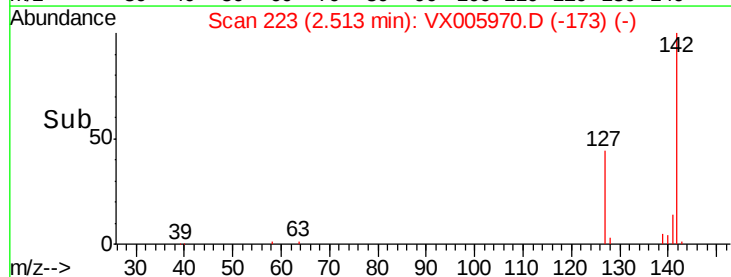
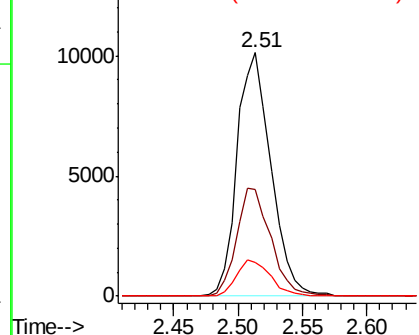


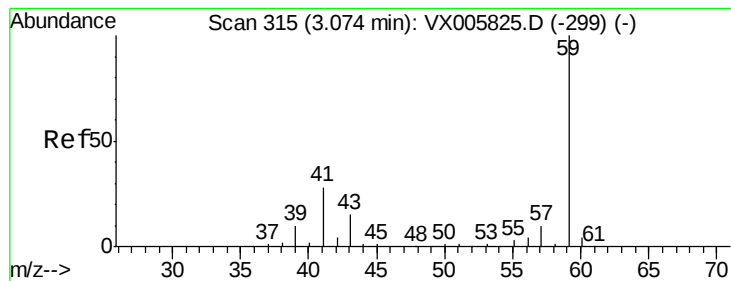
#10
 Methyl Iodide
 Concen: 17.138 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion:142 Resp: 18525
 Ion Ratio Lower Upper
 142 100
 127 44.7 36.0 54.0
 141 14.6 11.7 17.5



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



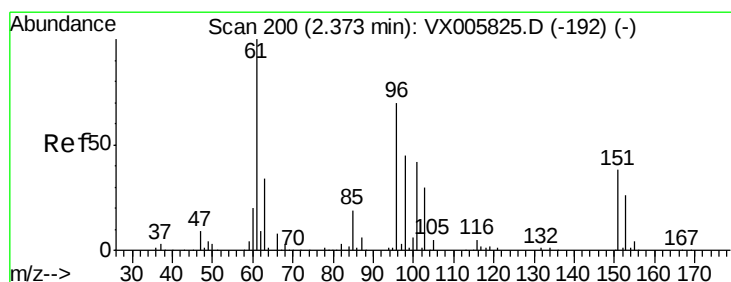
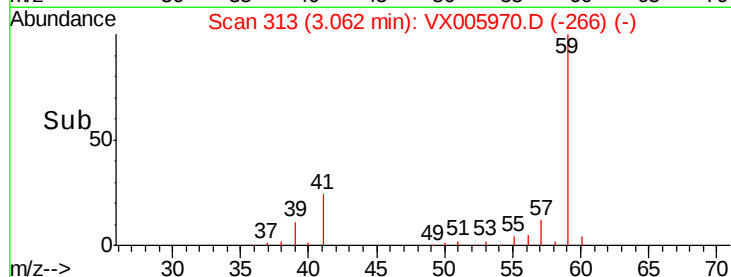
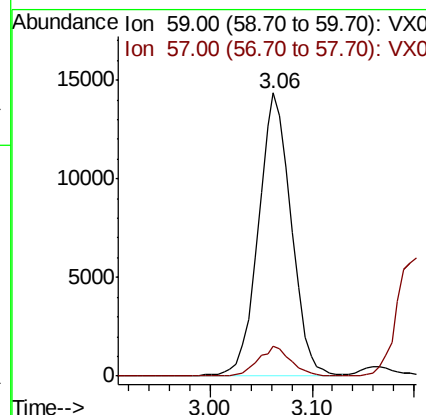
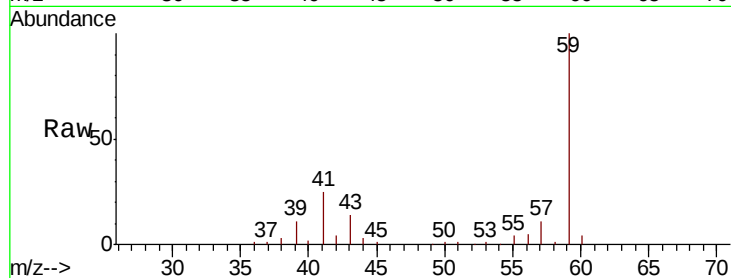


#11

Tert butyl alcohol
 Concen: 99.478 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

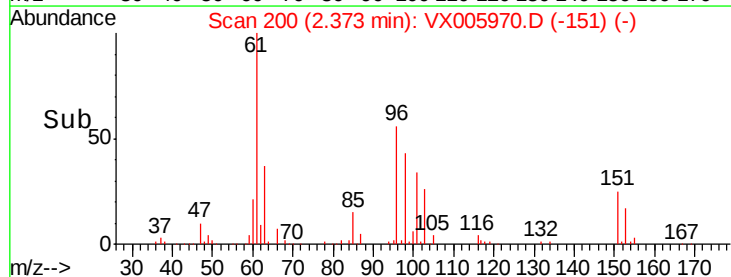
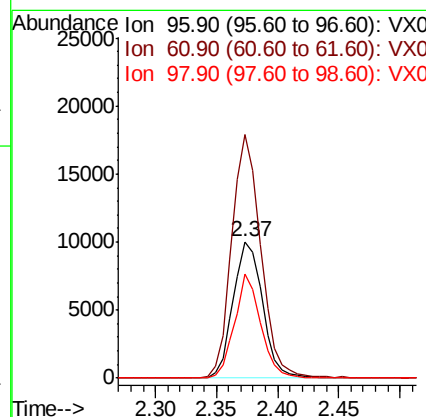
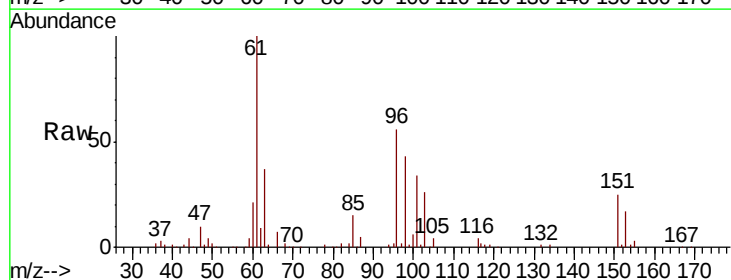
Tot Ion: 59 Resp: 32221
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

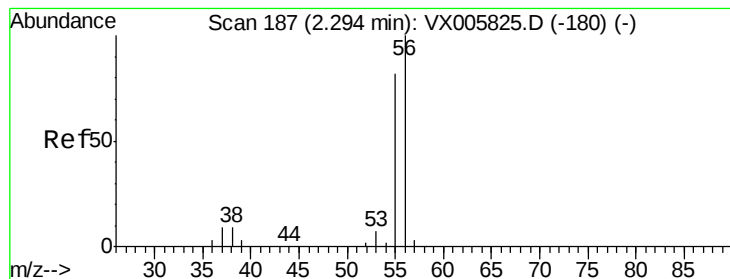


#12

1,1-Dichloroethene
 Concen: 19.230 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion: 96 Resp: 16717
 Ion Ratio Lower Upper
 96 100
 61 178.1 131.8 197.8
 98 76.5 53.4 80.2





#13

Acrolein

Concen: 161.211 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

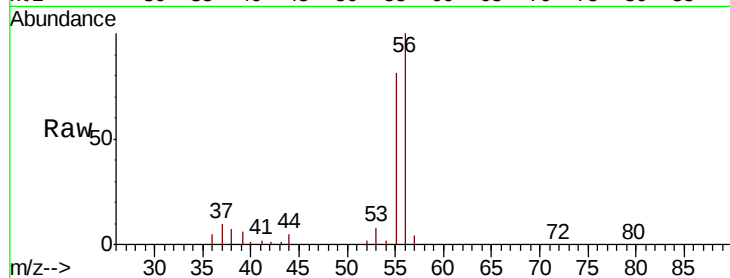
VX1114WBS01

Tot Ion: 56 Resp: 23759

Ion Ratio Lower Upper

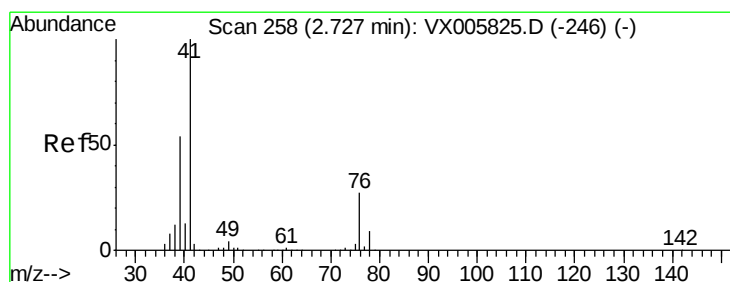
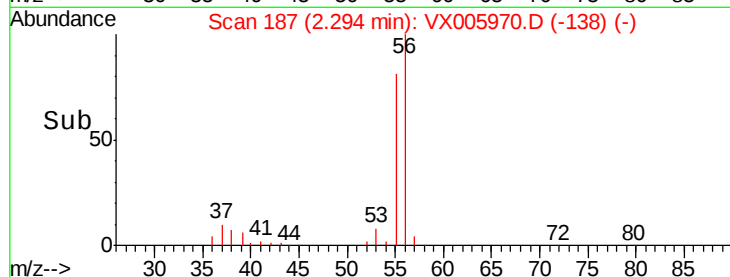
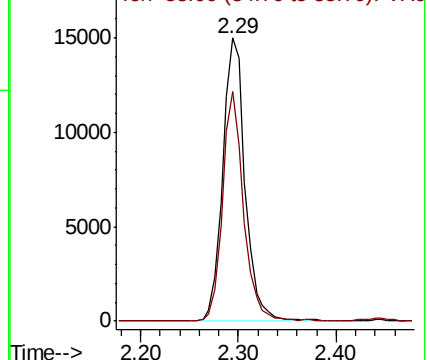
56 100

55 75.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 22.181 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

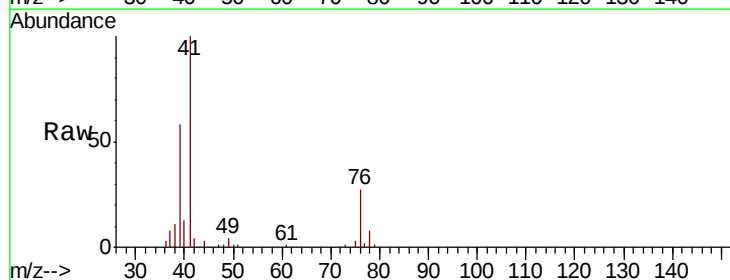
Tgt Ion: 41 Resp: 43066

Ion Ratio Lower Upper

41 100

39 60.6 48.2 72.4

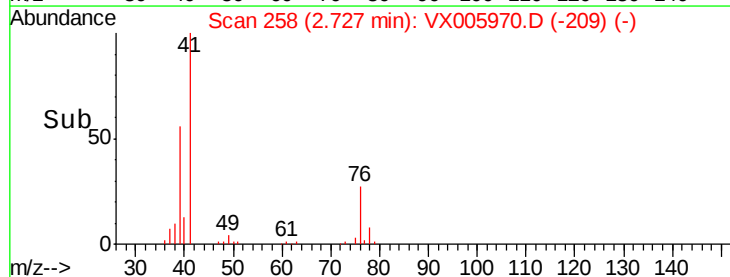
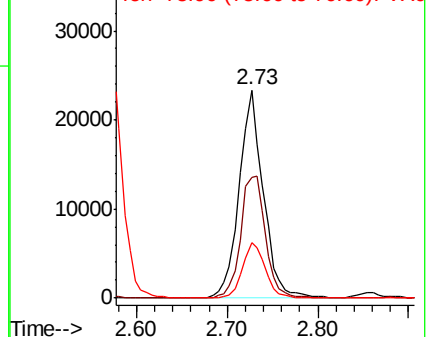
76 25.0 21.9 32.9

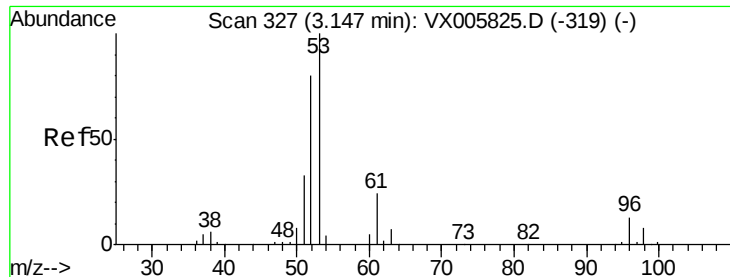


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 108.721 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

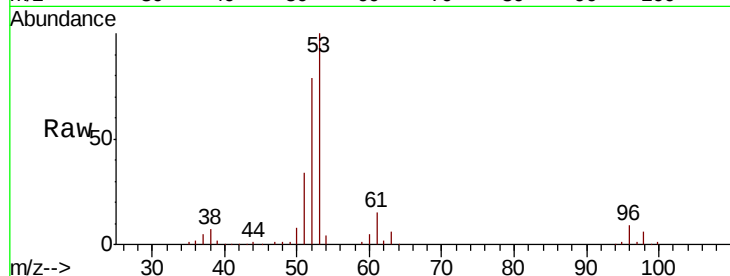
Tot Ion: 53 Resp: 72979

Ion Ratio Lower Upper

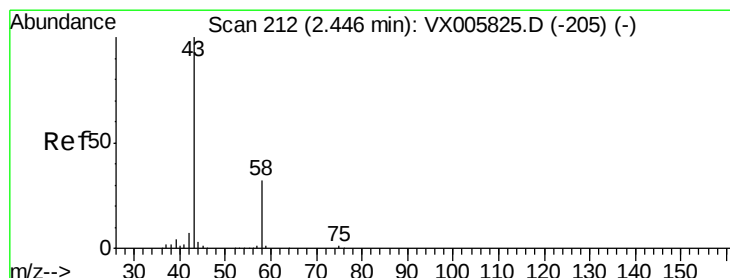
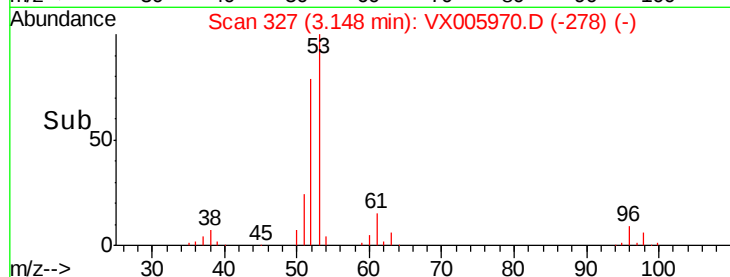
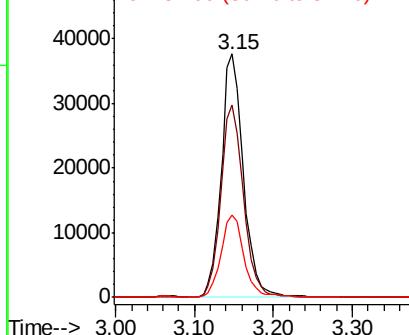
53 100

52 81.6 66.6 99.8

51 35.8 28.4 42.6



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: 106.089 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005970.D

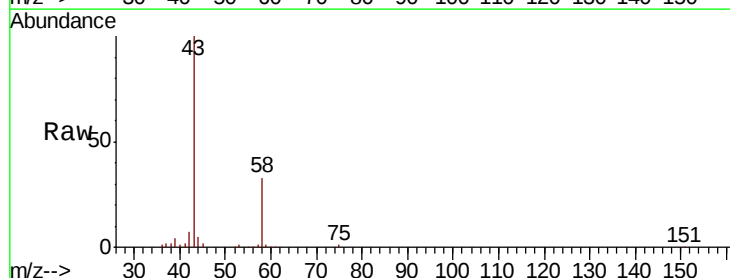
Acq: 14 Nov 2018 13:23

Tgt Ion: 43 Resp: 64586

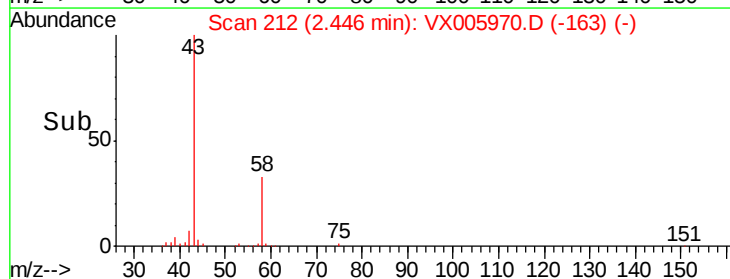
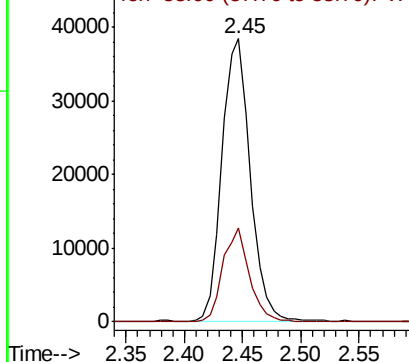
Ion Ratio Lower Upper

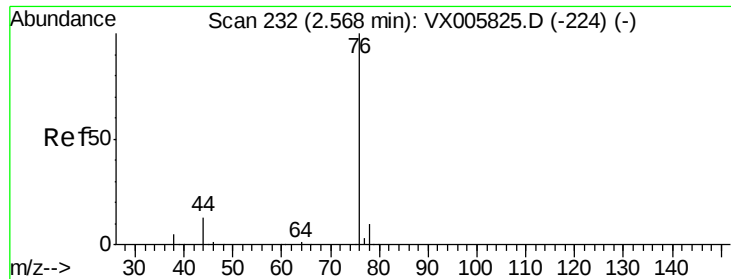
43 100

58 33.3 23.8 35.6



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

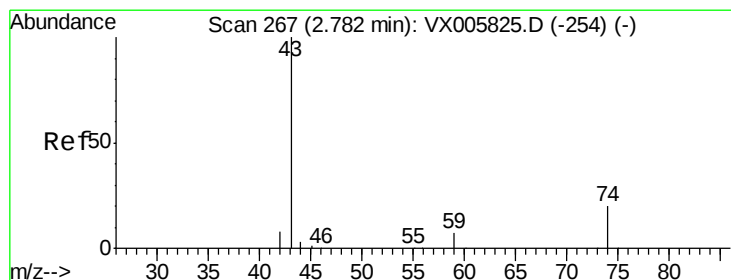
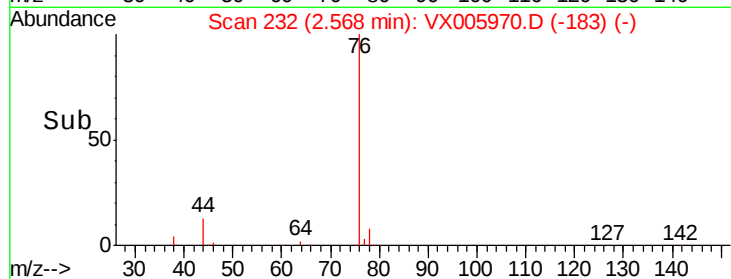
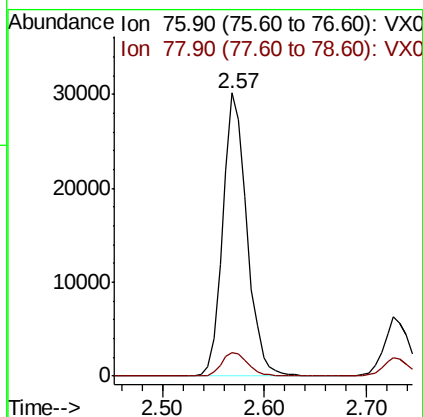
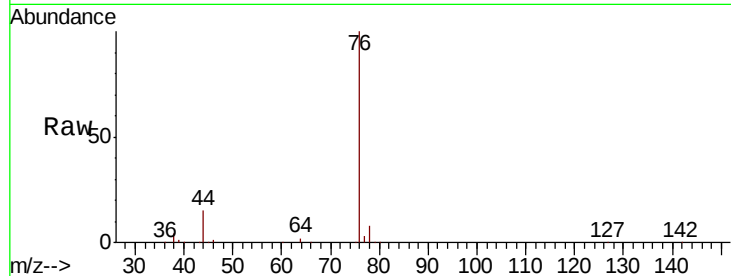




#17
Carbon Disulfide
Concen: 18.984 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

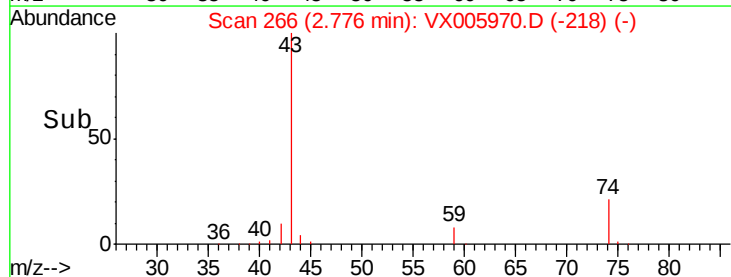
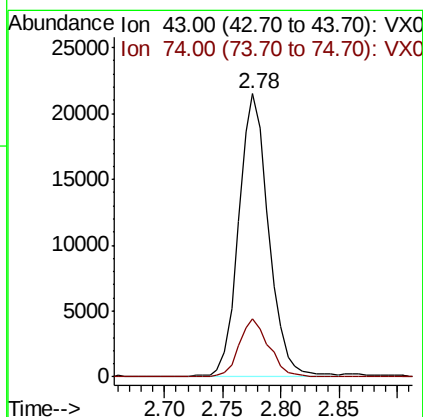
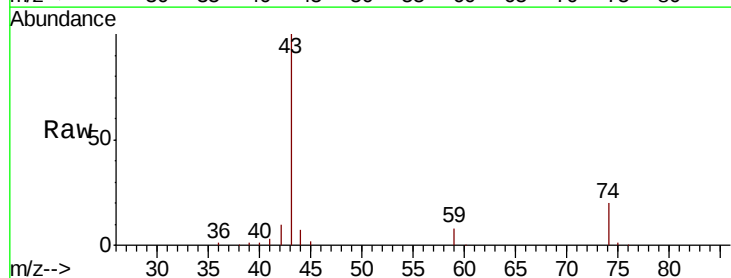
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

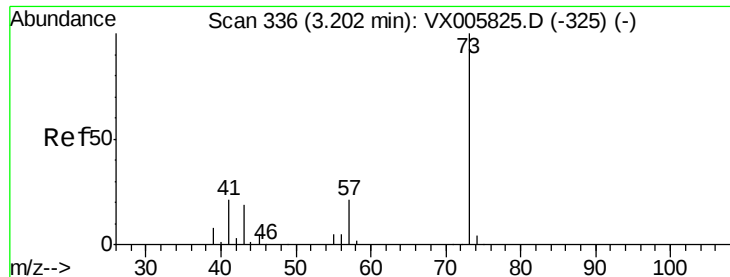
Tot Ion: 76 Resp: 49226
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 22.945 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 43 Resp: 38744
Ion Ratio Lower Upper
43 100
74 20.3 16.8 25.2

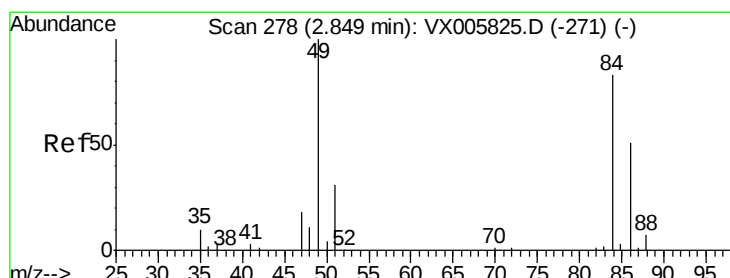
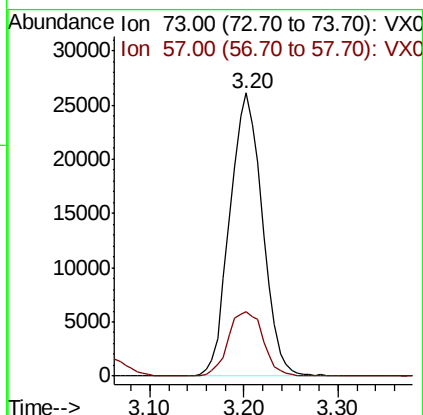
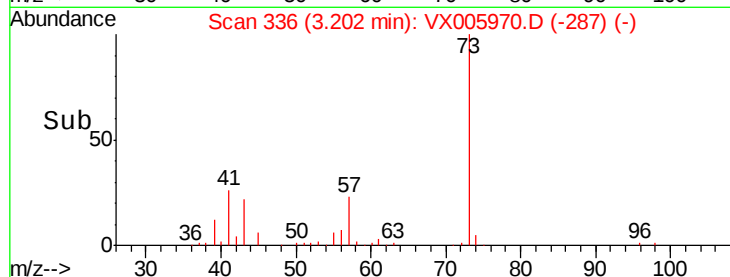
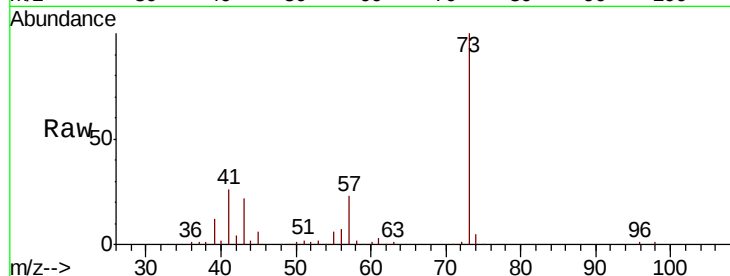




#19
Methyl tert-butyl Ether
Concen: 21.212 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

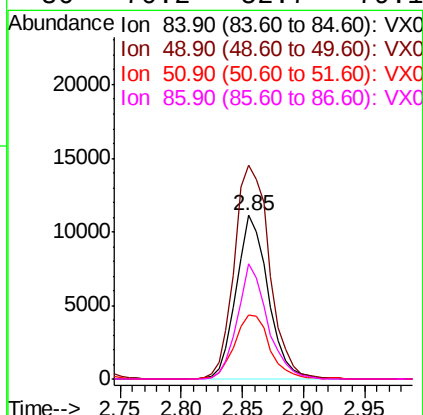
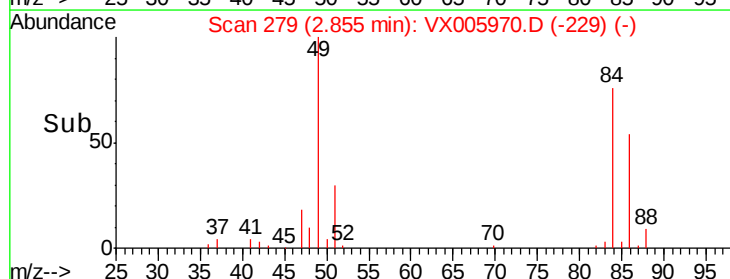
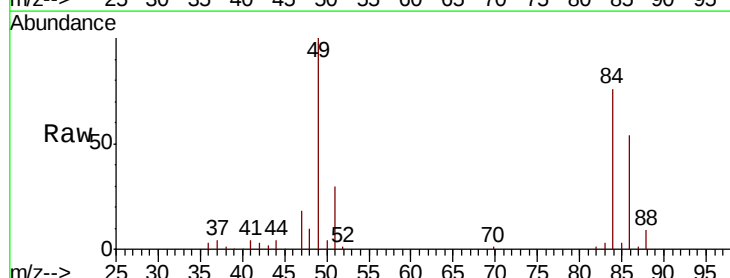
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

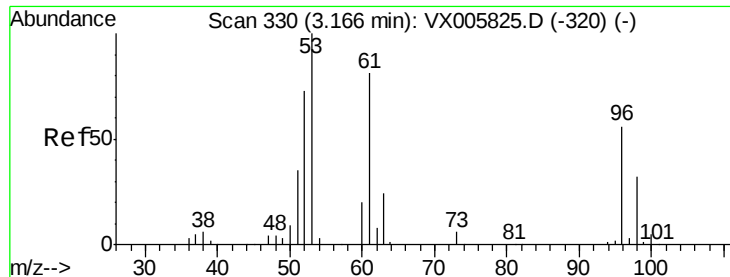
Tot Ion: 73 Resp: 62936
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2



#20
Methylene Chloride
Concen: 20.186 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 84 Resp: 20187
Ion Ratio Lower Upper
84 100
49 130.9 109.5 164.3
51 39.5 33.3 49.9
86 70.2 52.7 79.1

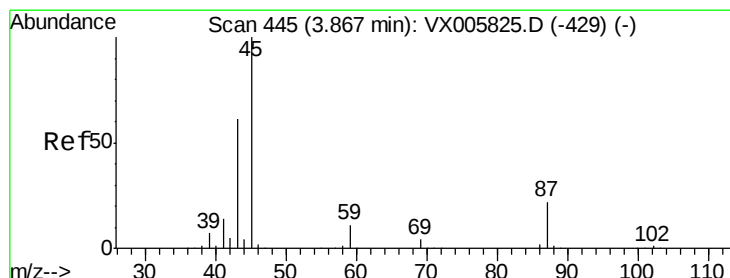
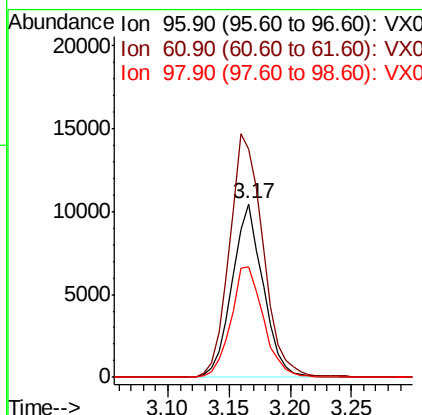
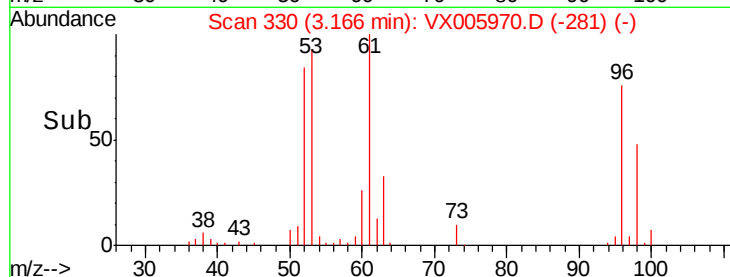
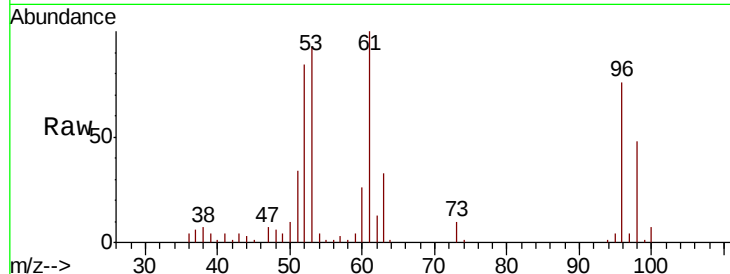




#21
trans-1,2-Dichloroethene
Concen: 20.067 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

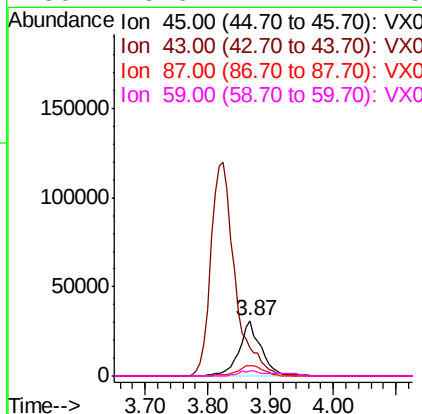
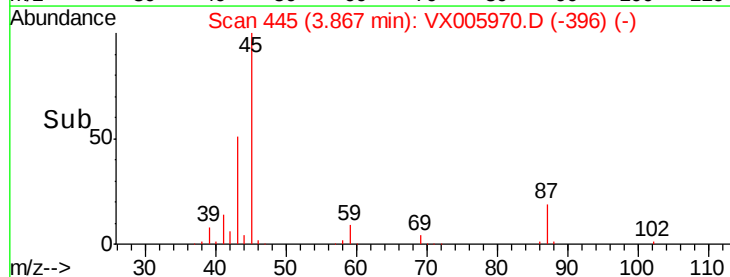
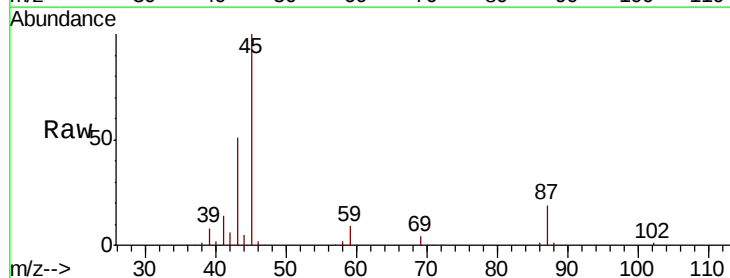
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

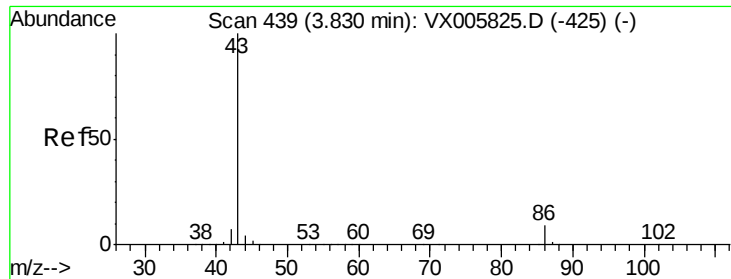
Tot Ion: 96 Resp: 18400
Ion Ratio Lower Upper
96 100
61 131.6 115.6 173.4
98 63.6 50.2 75.2



#22
Diisopropyl ether
Concen: 21.652 ug/l
RT: 3.87 min Scan# 445
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 45 Resp: 73643
Ion Ratio Lower Upper
45 100
43 50.8 47.4 71.2
87 19.5 15.9 23.9
59 8.6 7.7 11.5





#23

Vinyl Acetate

Concen: 110.004 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

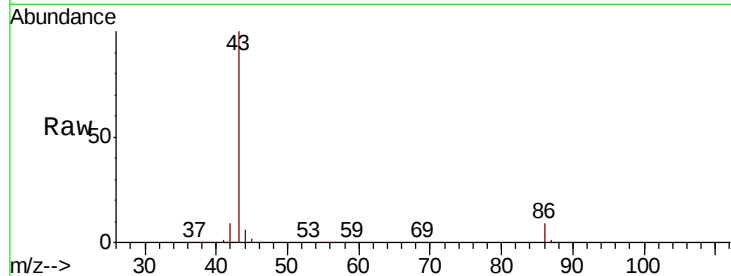
VX1114WBS01

Tot Ion: 43 Resp: 320796

Ion Ratio Lower Upper

43 100

86 8.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005825.D (-425) (-)

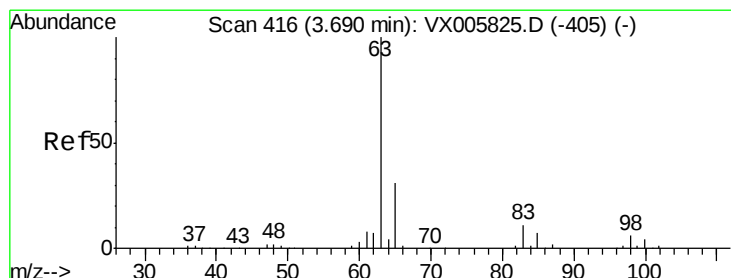
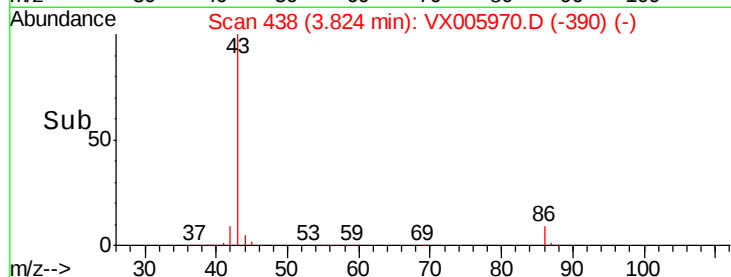
3.82

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.735 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

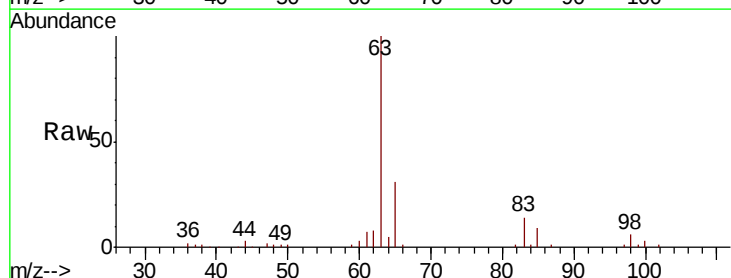
Tgt Ion: 63 Resp: 37626

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 3.2 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005825.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005825.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005825.D (-405) (-)

3.70

20000

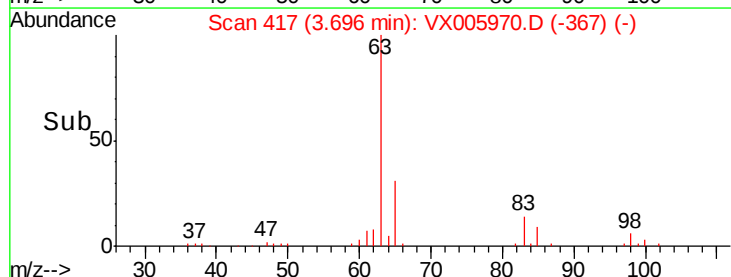
15000

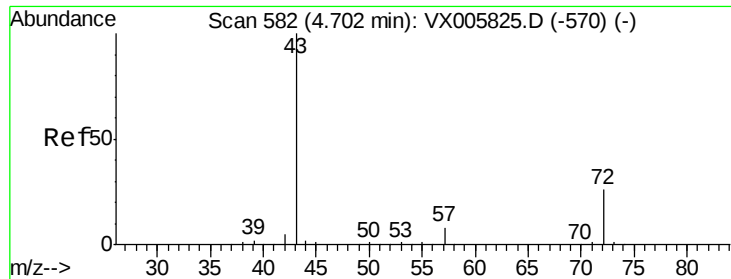
10000

5000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 104.485 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

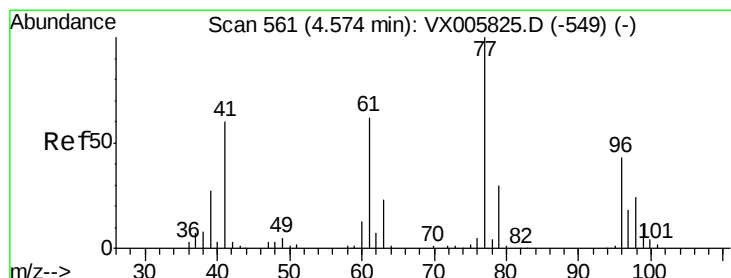
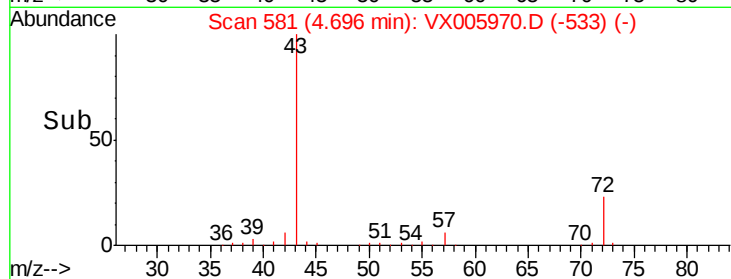
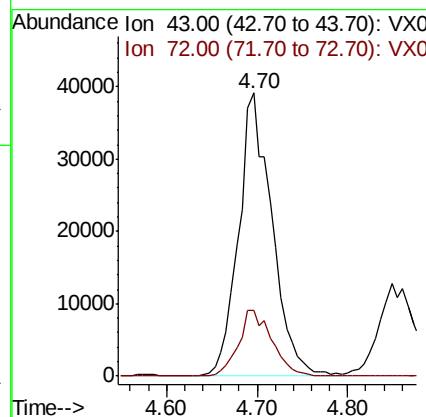
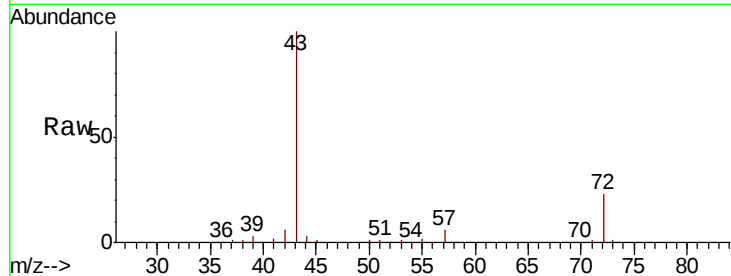
VX1114WBS01

Tot Ion: 43 Resp: 100004

Ion Ratio Lower Upper

43 100

72 23.3 19.2 28.8



#26

2,2-Dichloropropane

Concen: 21.666 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005970.D

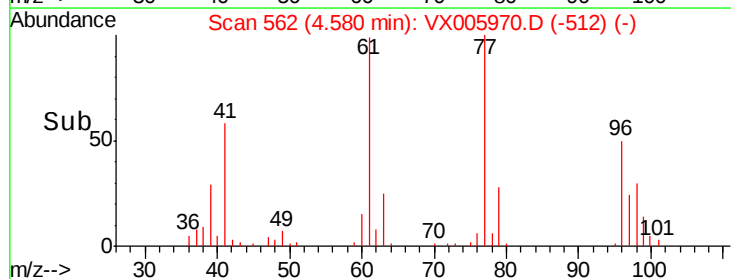
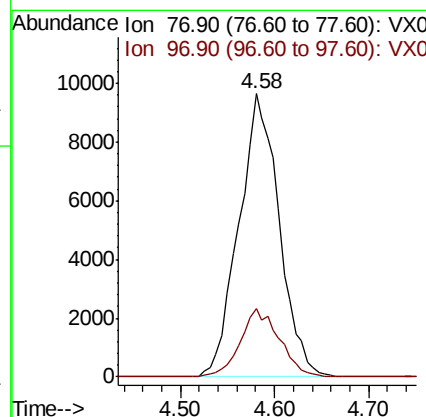
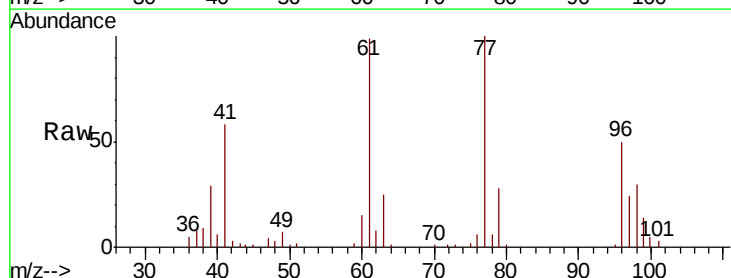
Acq: 14 Nov 2018 13:23

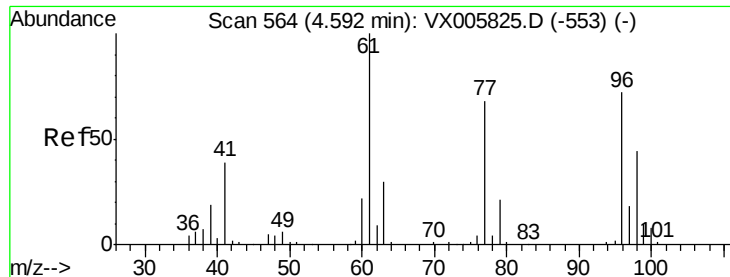
Tgt Ion: 77 Resp: 28840

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5



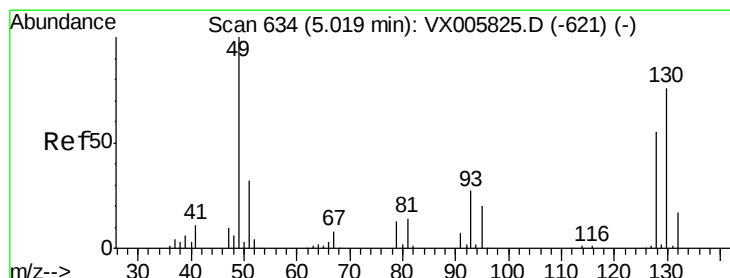
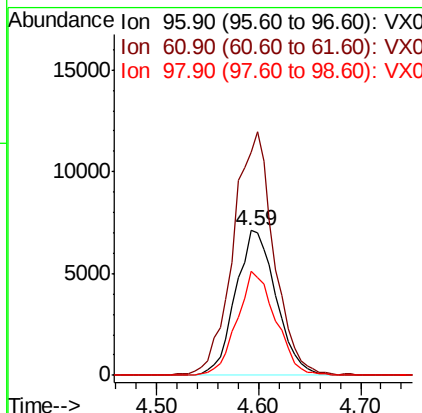
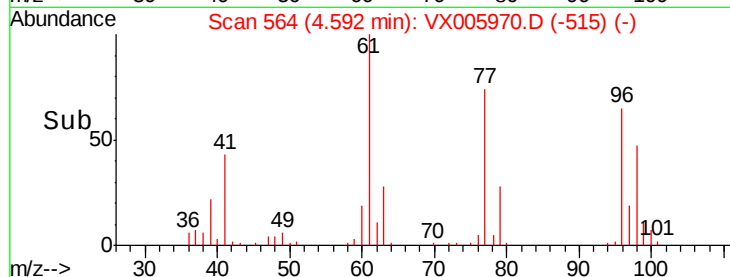
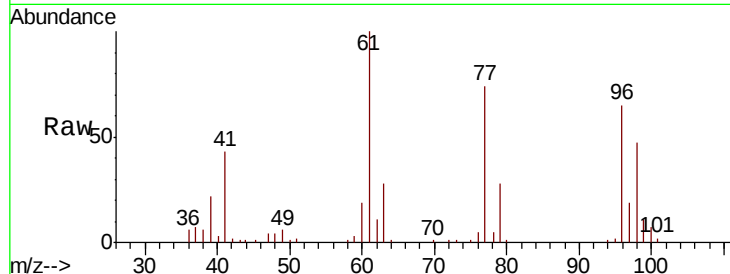


#27

cis-1,2-Dichloroethene
 Concen: 19.405 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

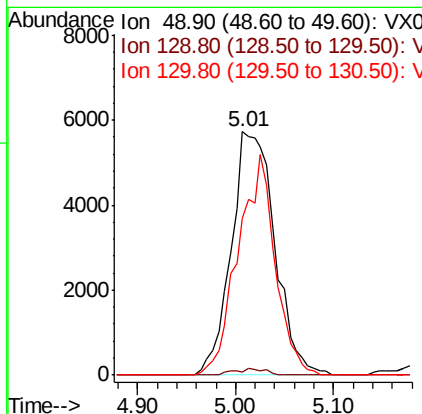
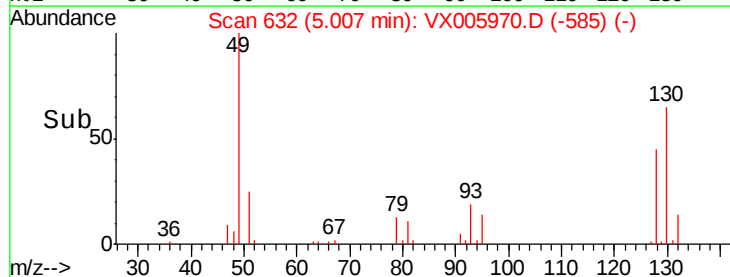
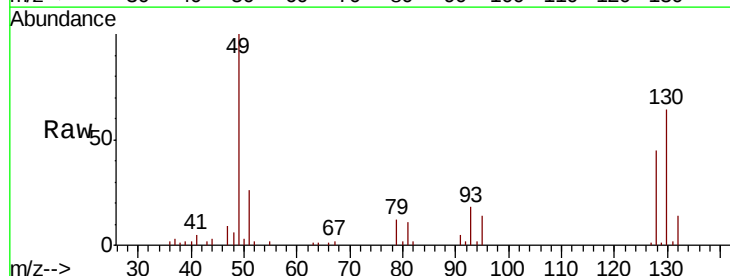
Tot Ion	Ratio	Lower	Upper
96	100		
61	168.4	0.0	304.6
98	68.3	0.0	127.4

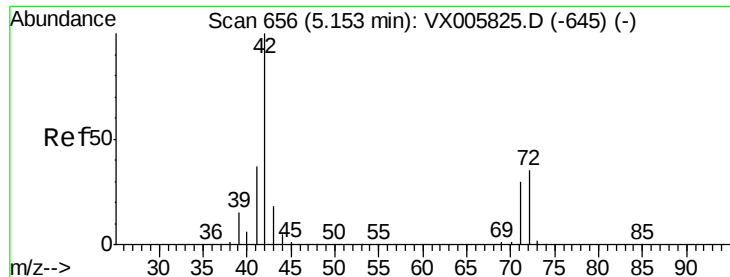


#28

Bromochloromethane
 Concen: 21.778 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	77.0	58.9	88.3

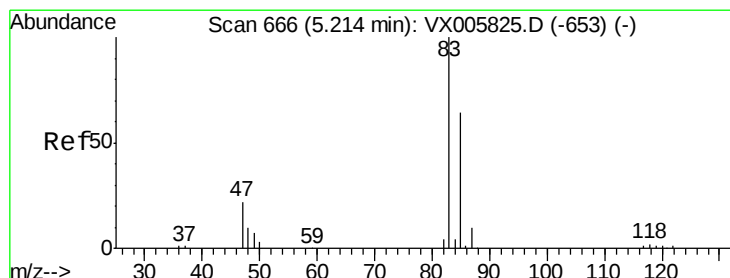
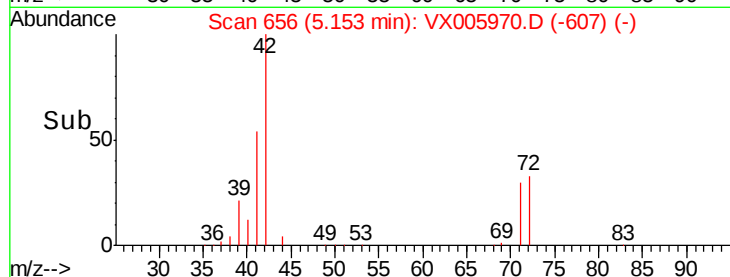
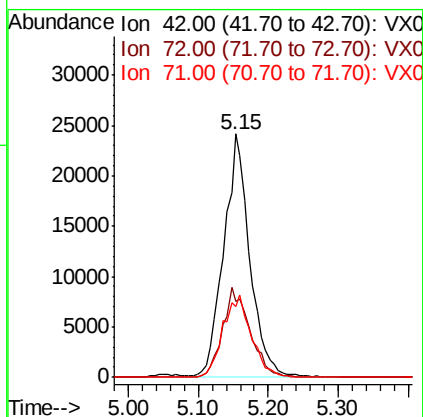
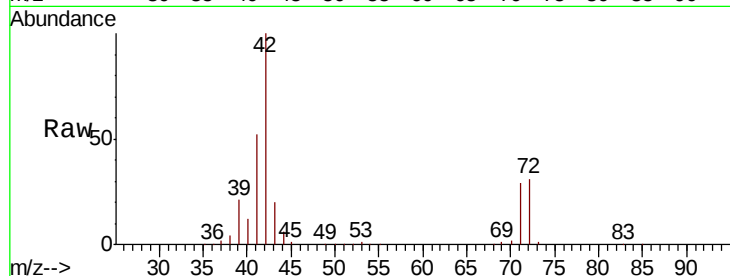




#29
Tetrahydrofuran
Concen: 101.383 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

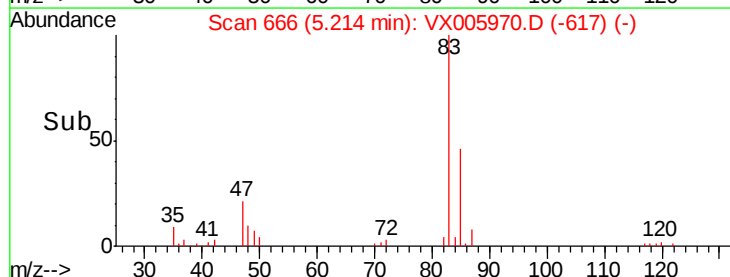
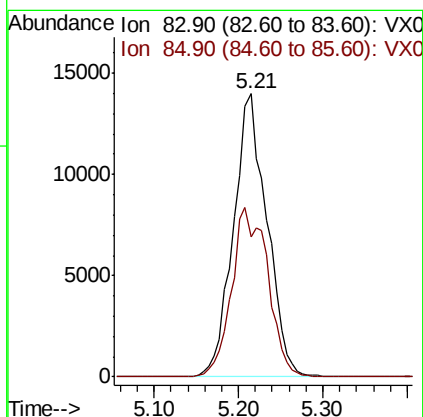
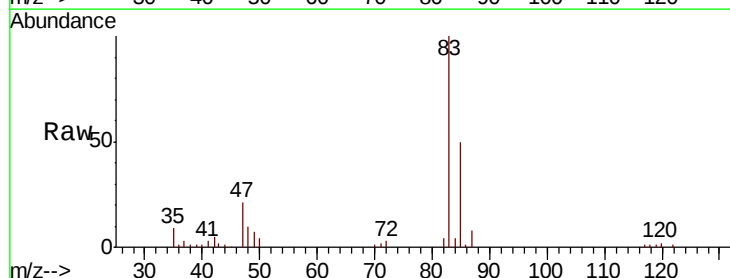
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

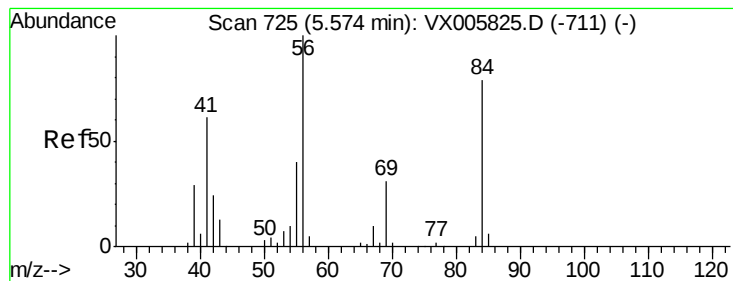
Tot Ion: 42 Resp: 62304
Ion Ratio Lower Upper
42 100
72 39.0 32.0 48.0
71 36.9 29.8 44.8



#30
Chloroform
Concen: 21.440 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 83 Resp: 37535
Ion Ratio Lower Upper
83 100
85 49.6 50.6 76.0#





#31

Cyclohexane

Concen: 18.930 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

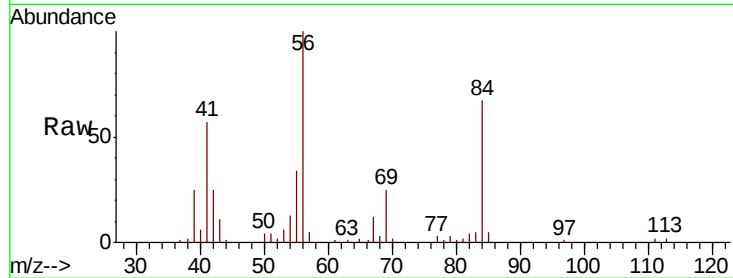
Tot Ion: 56 Resp: 29818

Ion Ratio Lower Upper

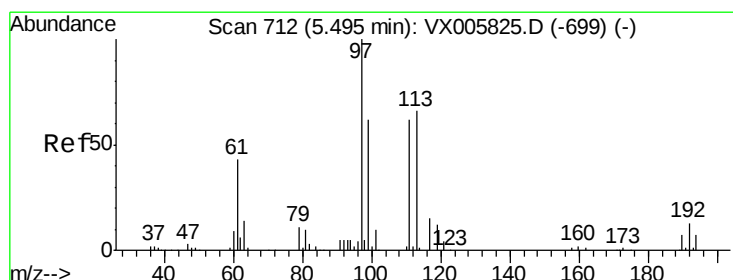
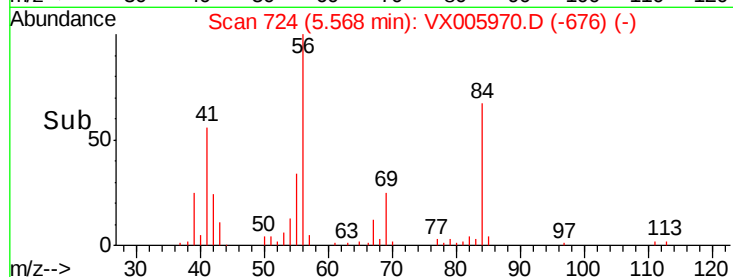
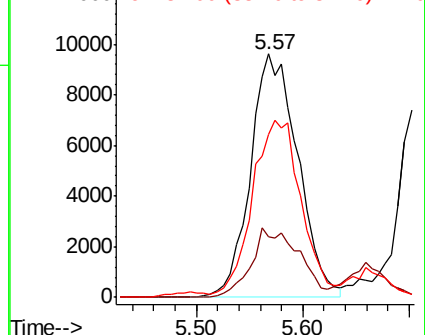
56 100

69 24.7 22.6 34.0

84 64.6 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 20.570 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

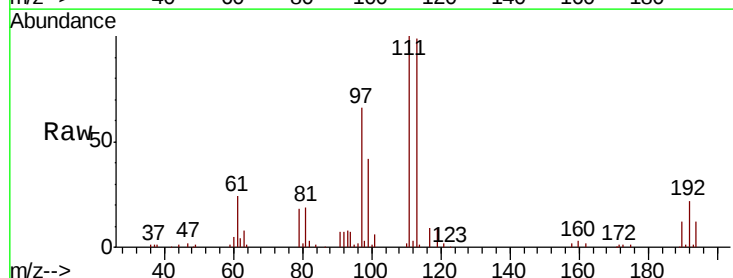
Tgt Ion: 97 Resp: 30037

Ion Ratio Lower Upper

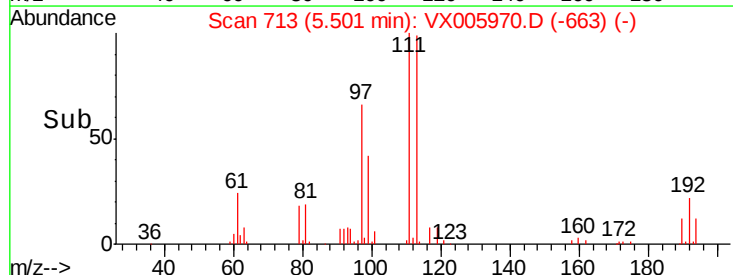
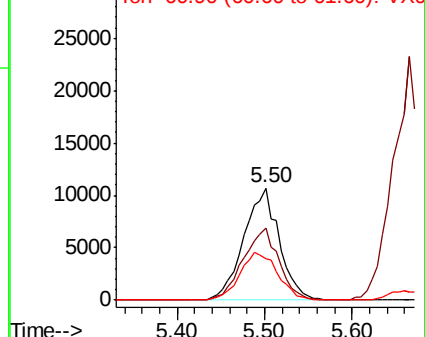
97 100

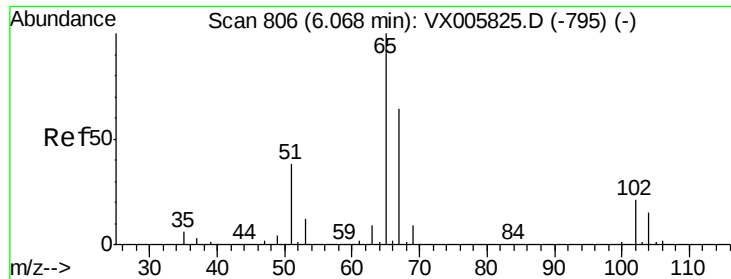
99 65.0 52.3 78.5

61 46.1 35.2 52.8



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





#33

1,2-Dichloroethane-d4

Concen: 52.288 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

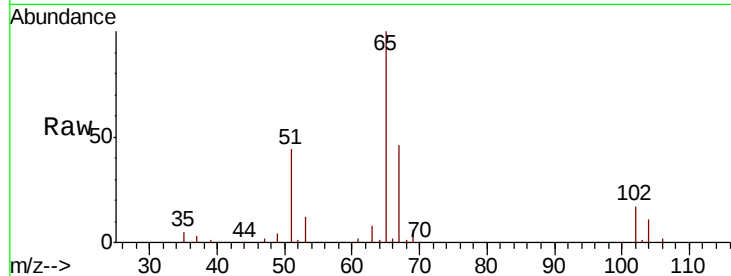
VX1114WBS01

Tot Ion: 65 Resp: 59121

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

25000

20000

15000

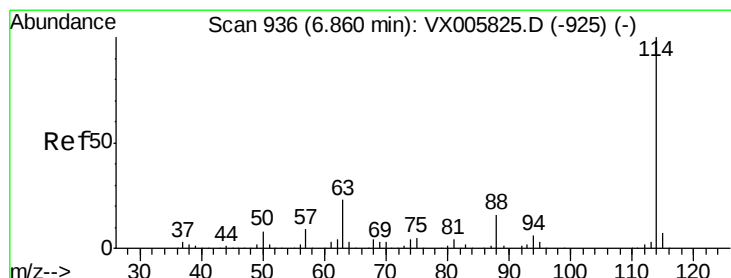
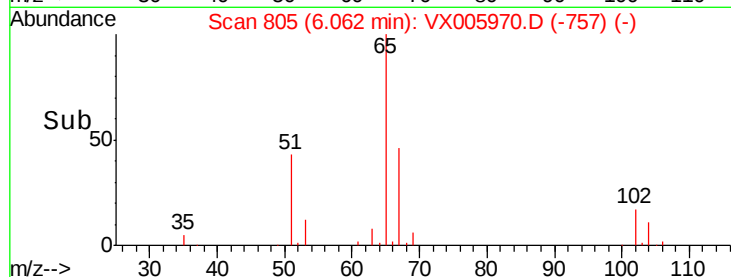
10000

5000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

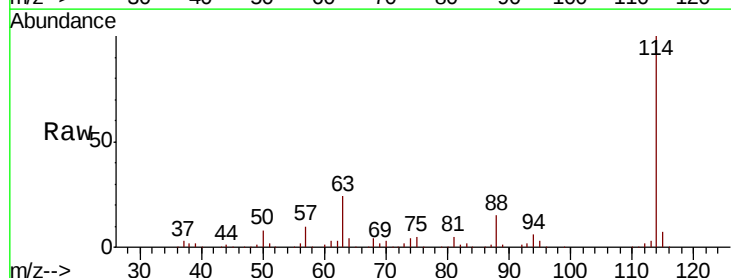
Tgt Ion: 114 Resp: 147507

Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.8

88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

80000

60000

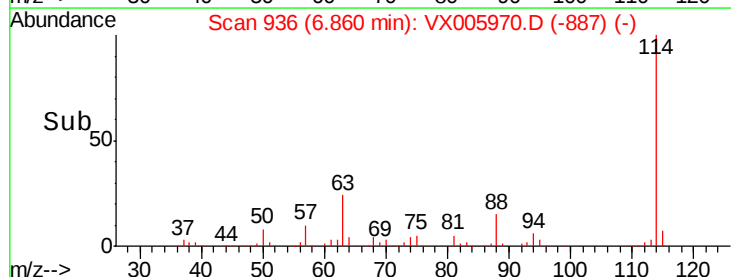
40000

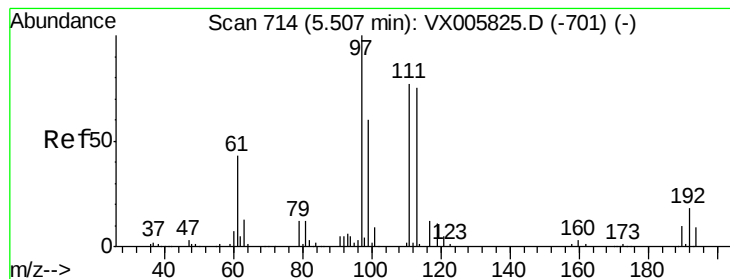
20000

0

Time-->

6.80 7.00 7.20





#35

Dibromofluoromethane

Concen: 47.436 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

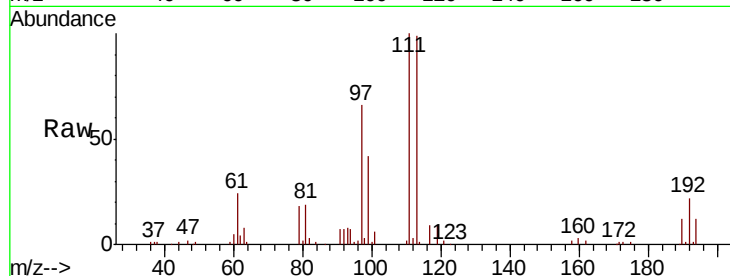
Tot Ion:113 Resp: 47591

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

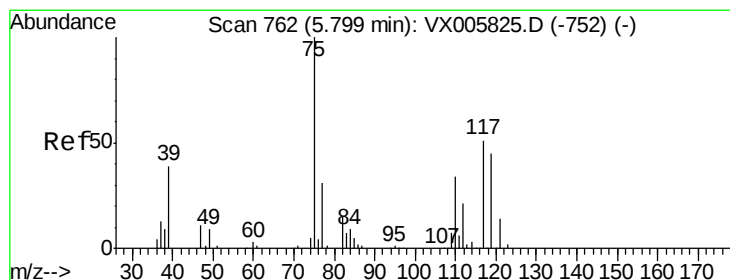
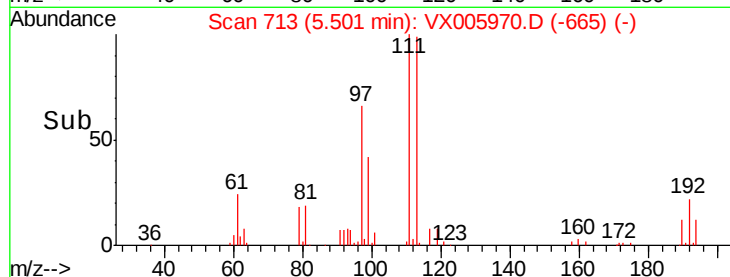
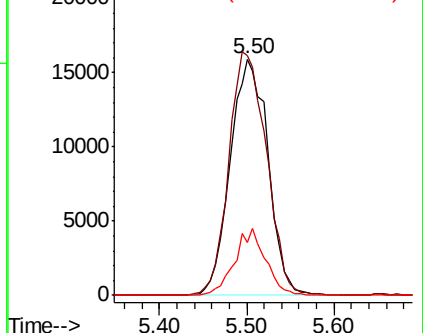
192 23.1 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.057 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

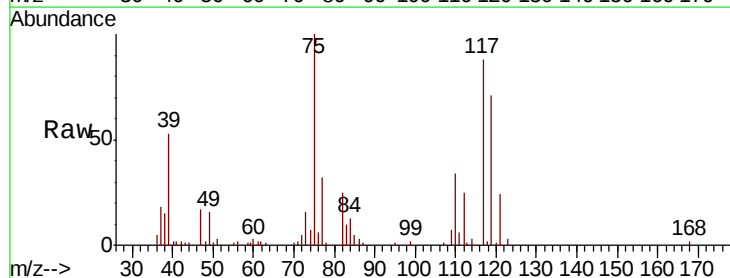
Tgt Ion: 75 Resp: 24255

Ion Ratio Lower Upper

75 100

110 37.4 17.4 52.2

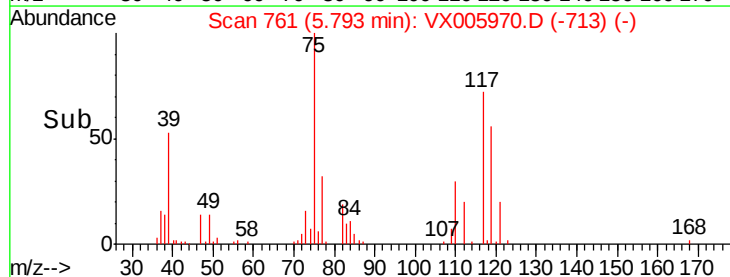
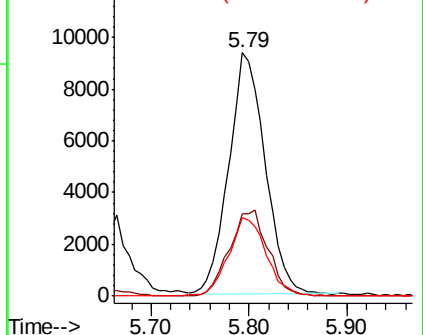
77 33.5 25.8 38.6

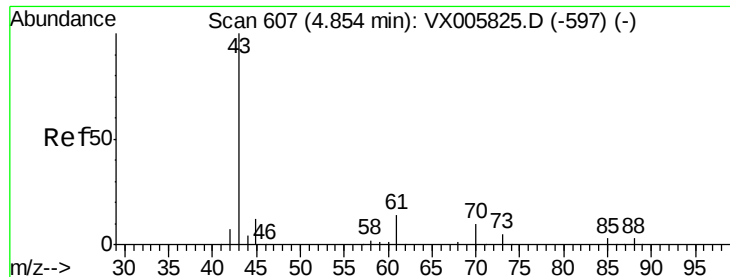


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.443 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VX1114WBS01

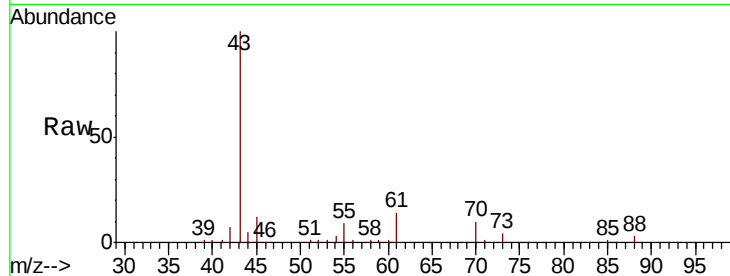
Tot Ion: 43 Resp: 36358

Ion Ratio Lower Upper

43 100

61 13.3 10.8 16.2

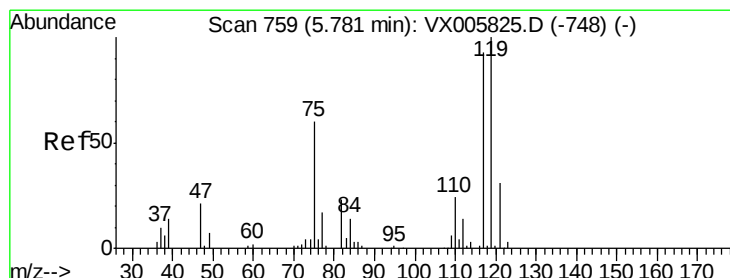
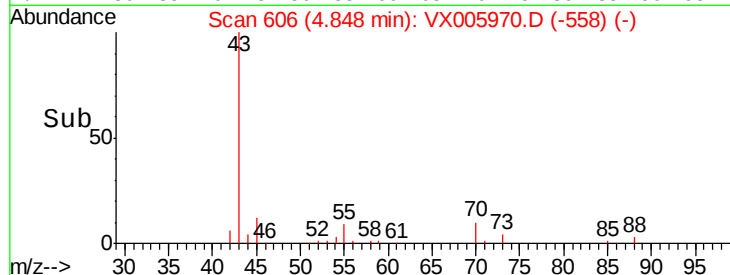
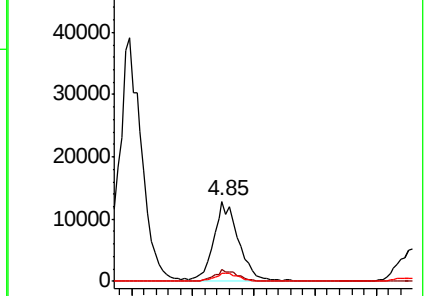
70 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 19.005 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

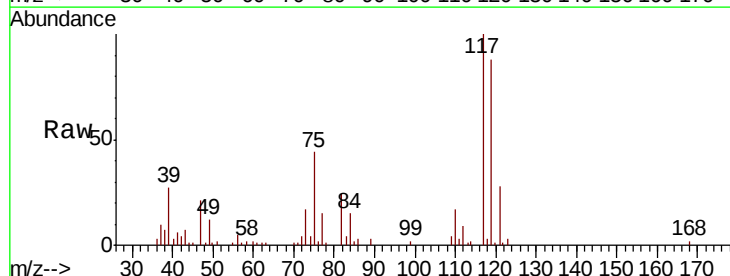
Tgt Ion: 117 Resp: 27055

Ion Ratio Lower Upper

117 100

119 87.7 78.1 117.1

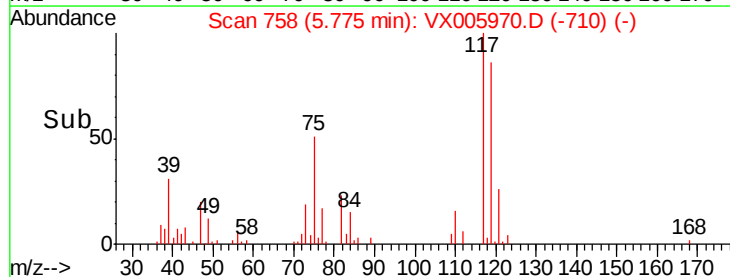
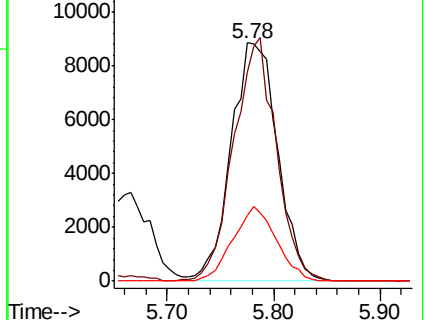
121 27.7 24.6 36.8

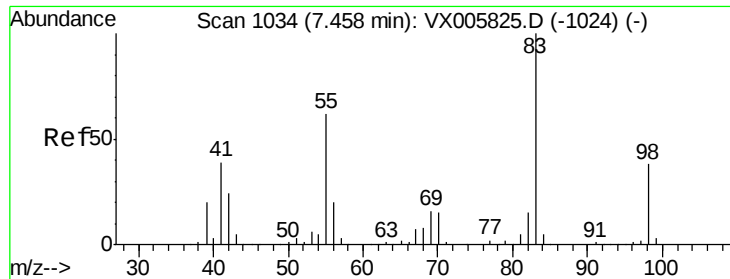


Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)

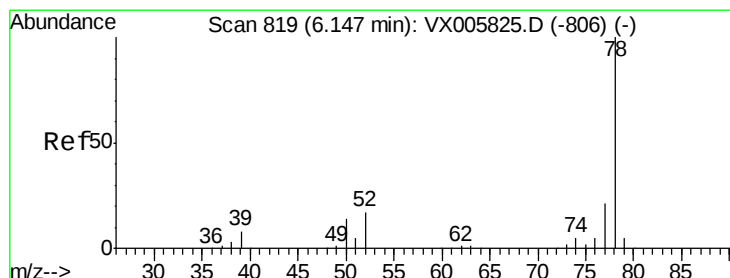
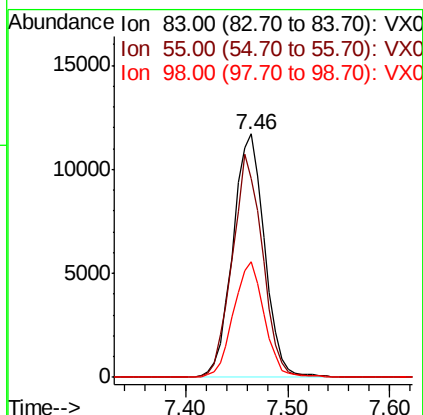
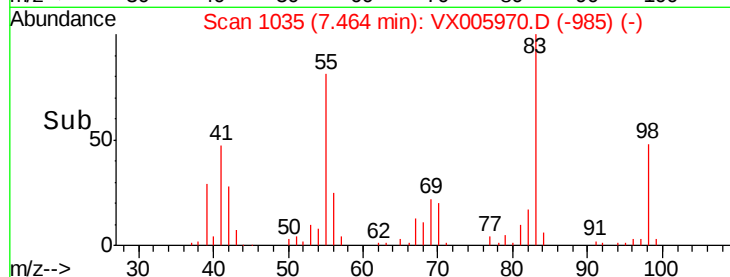
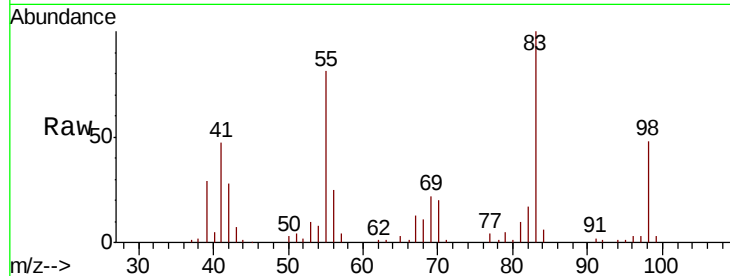




#39
Methvlcvclohexane
Concen: 17.453 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

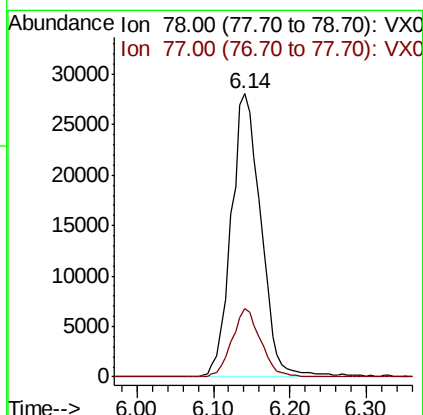
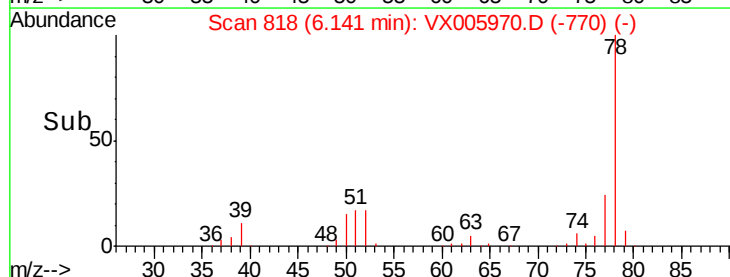
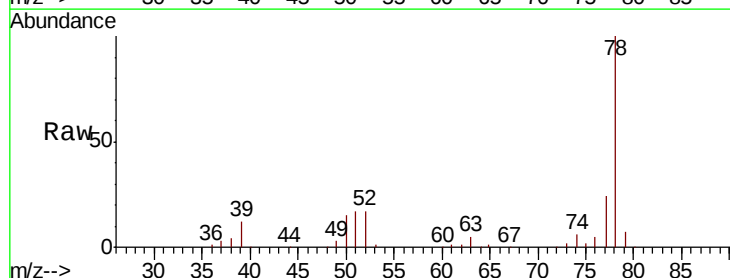
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

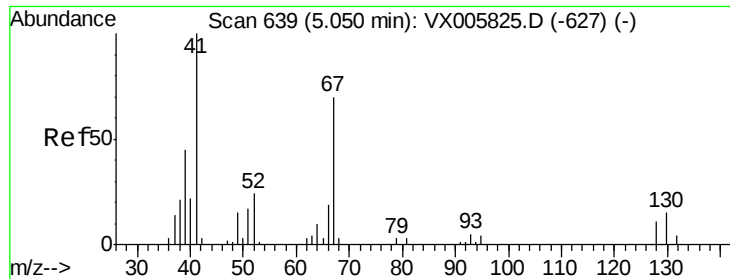
Tot Ion: 83 Resp: 25154
Ion Ratio Lower Upper
83 100
55 81.5 63.7 95.5
98 47.5 36.2 54.2



#40
Benzene
Concen: 18.204 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 78 Resp: 75463
Ion Ratio Lower Upper
78 100
77 24.1 18.4 27.6





#41

Methacrylonitrile

Concen: 18.563 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tot Ion: 41 Resp: 18757

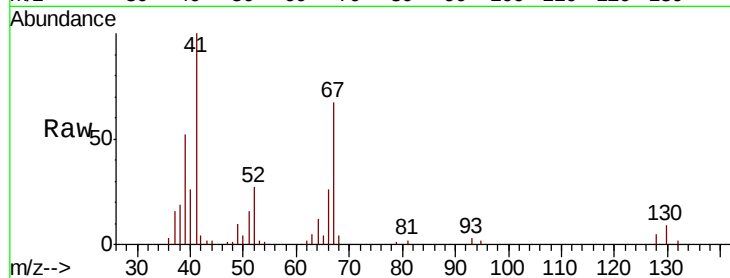
Ion Ratio Lower Upper

41 100

39 56.0 42.2 63.2

67 66.6 53.4 80.0

52 29.1 23.4 35.2

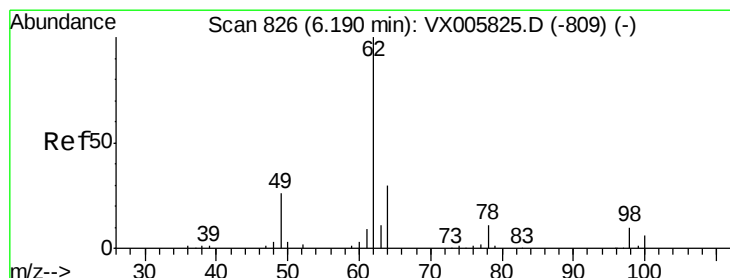
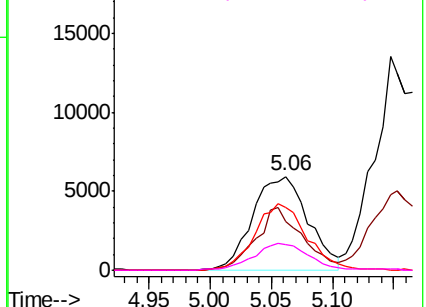
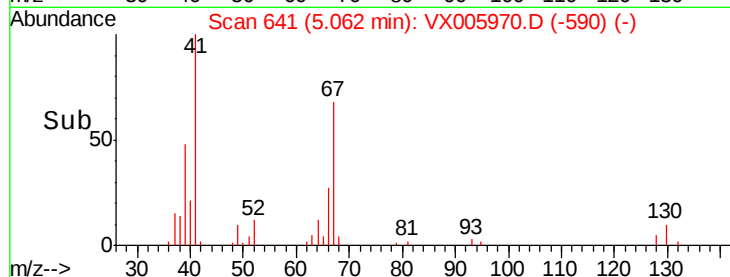


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.842 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005970.D

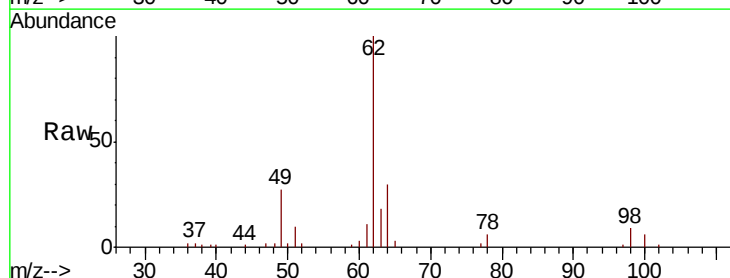
Acq: 14 Nov 2018 13:23

Tgt Ion: 62 Resp: 27976

Ion Ratio Lower Upper

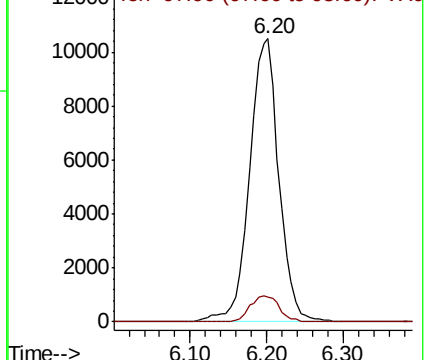
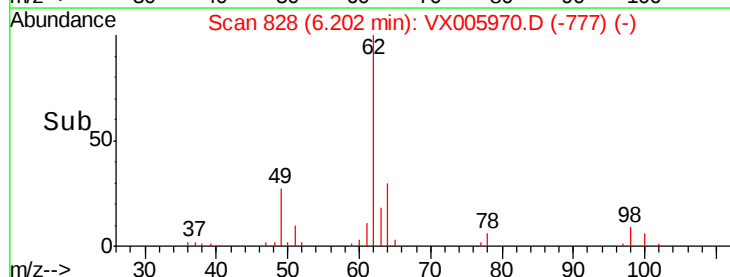
62 100

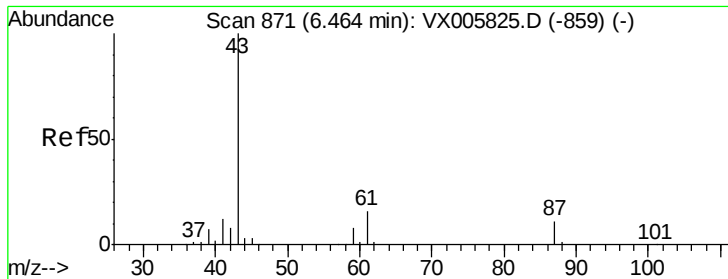
98 9.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



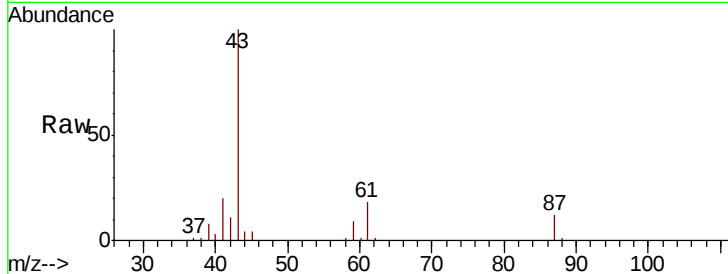


#43

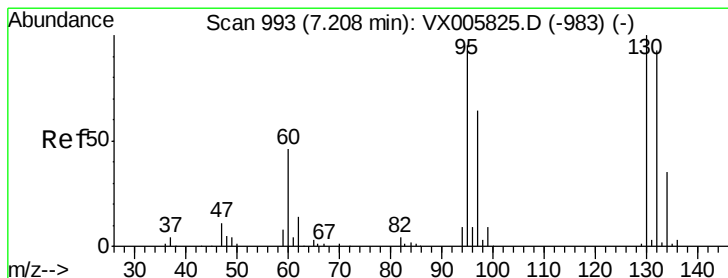
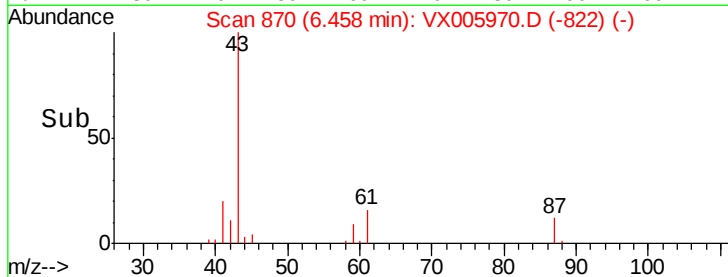
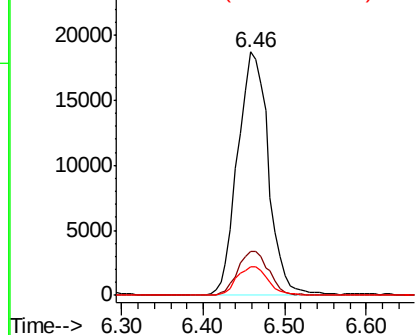
Isopropyl Acetate
 Concen: 18.174 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

Tot Ion	43	Resp	49244
Ion Ratio	Lower	Upper	
43	100		
61	18.4	14.6	22.0
87	11.8	9.6	14.4



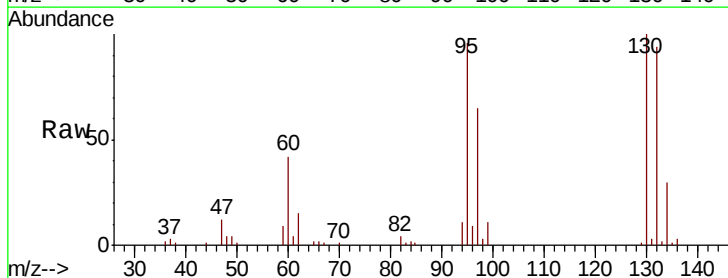
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



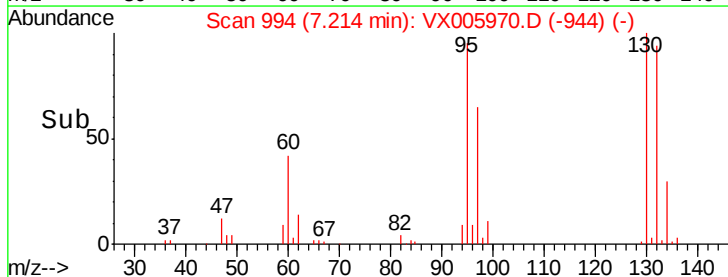
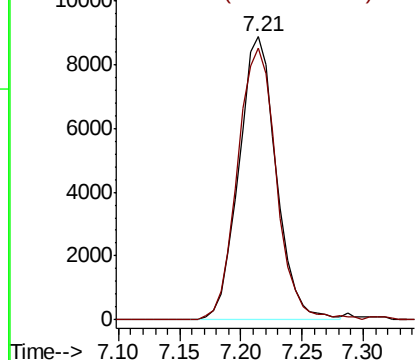
#44

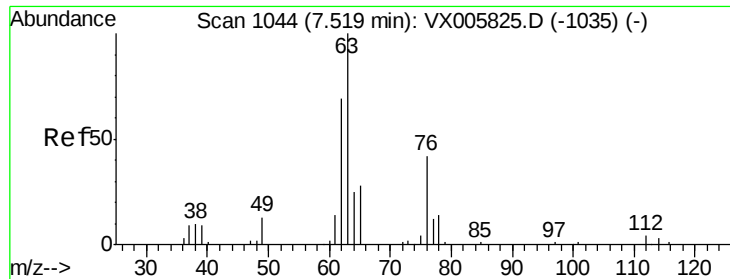
Trichloroethene
 Concen: 17.933 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion	130	Resp	18879
Ion Ratio	Lower	Upper	
130	100		
95	96.1	0.0	194.2



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





#45

1,2-Dichloropropane

Concen: 19.142 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

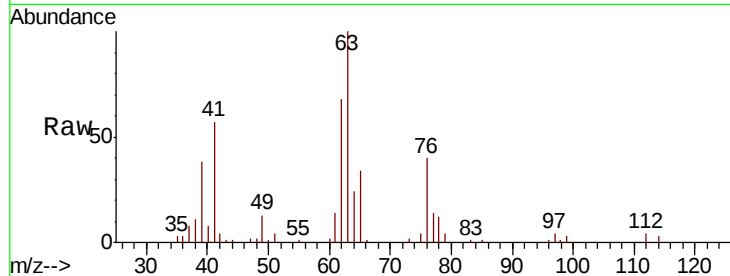
VX1114WBS01

Tot Ion: 63 Resp: 19260

Ion Ratio Lower Upper

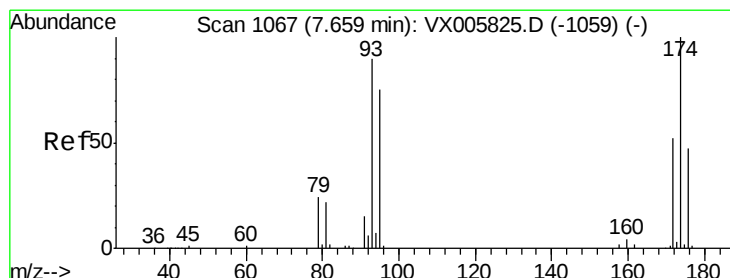
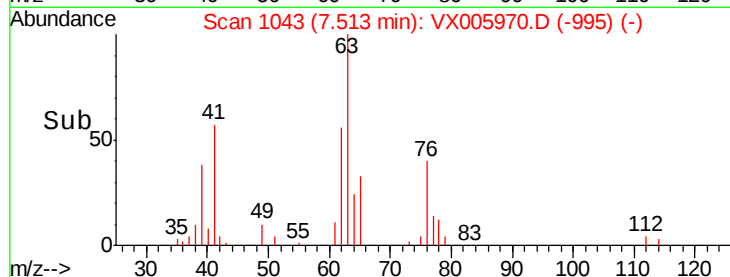
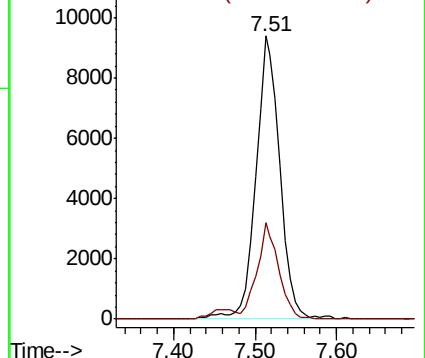
63 100

65 34.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.337 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

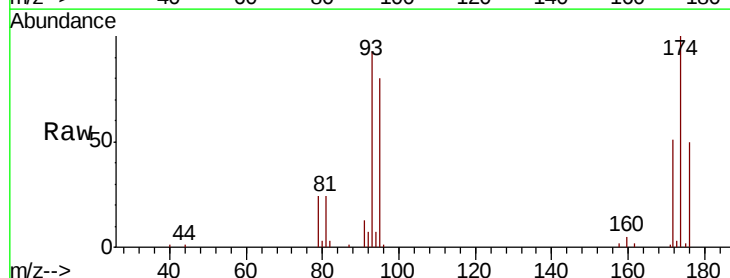
Tgt Ion: 93 Resp: 12209

Ion Ratio Lower Upper

93 100

95 85.7 67.4 101.0

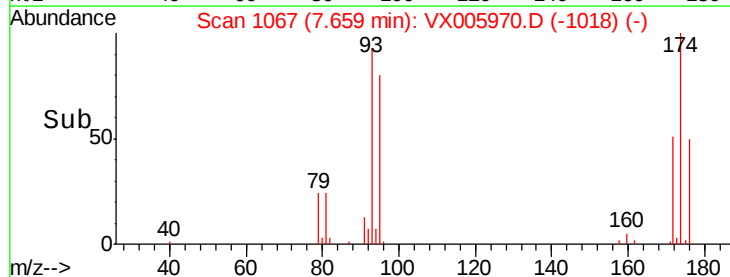
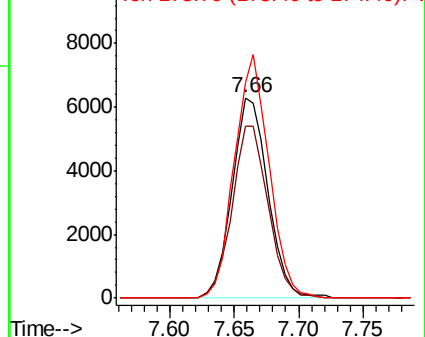
174 116.6 91.5 137.3

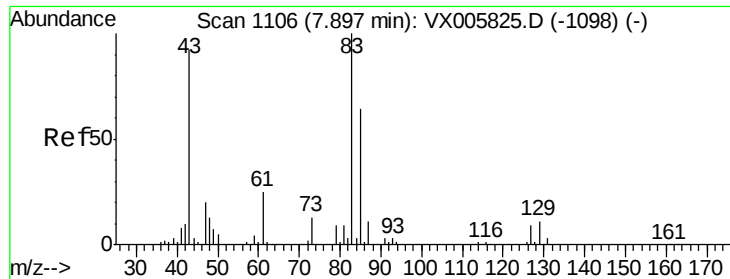


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.968 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

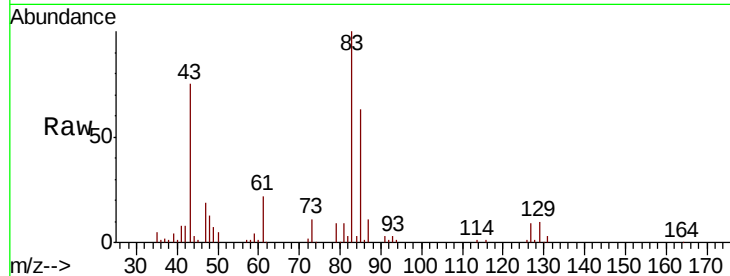
Tot Ion: 83 Resp: 23826

Ion Ratio Lower Upper

83 100

85 62.6 50.2 75.4

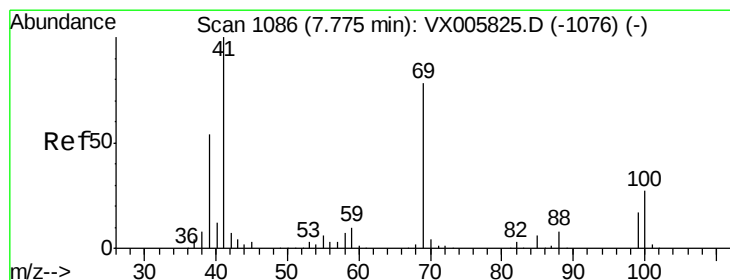
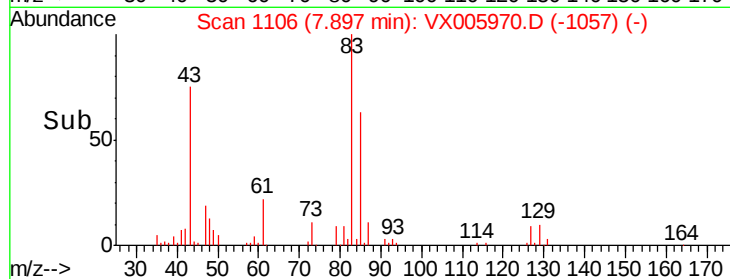
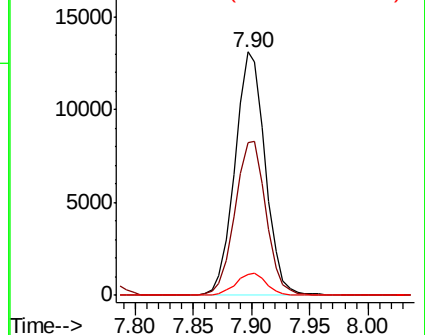
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.606 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

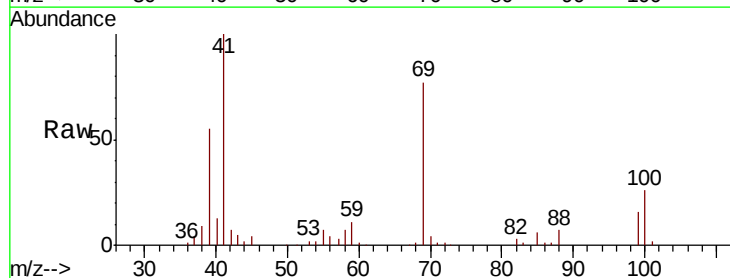
Tgt Ion: 41 Resp: 23854

Ion Ratio Lower Upper

41 100

69 77.0 63.2 94.8

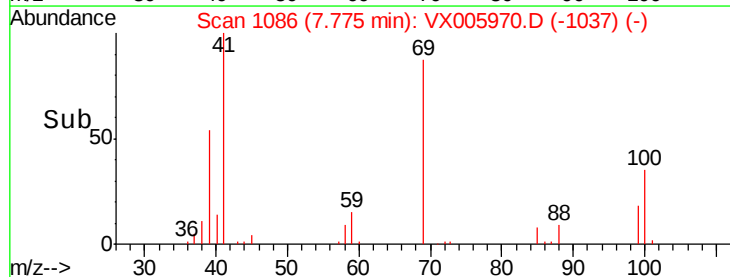
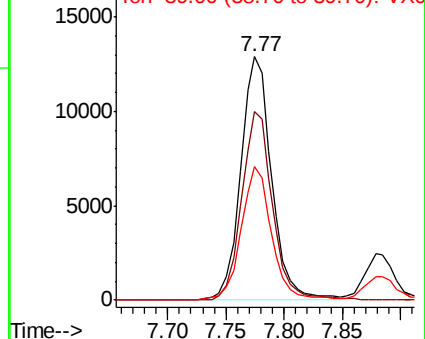
39 53.9 42.2 63.2

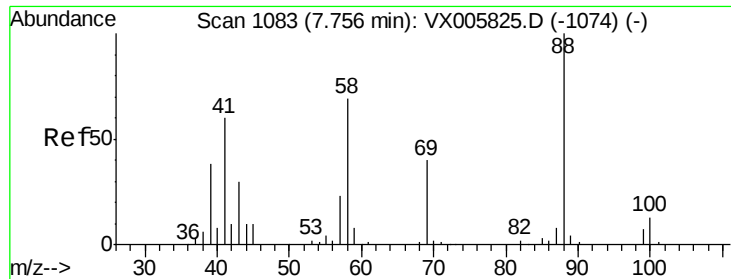


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

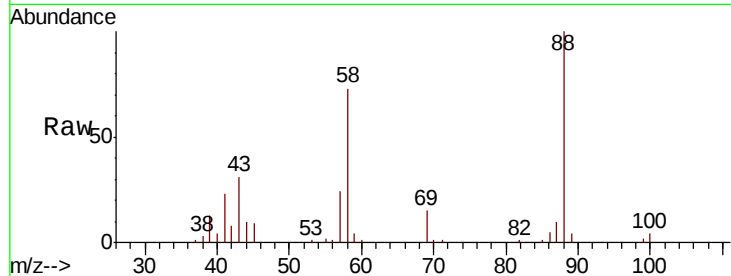




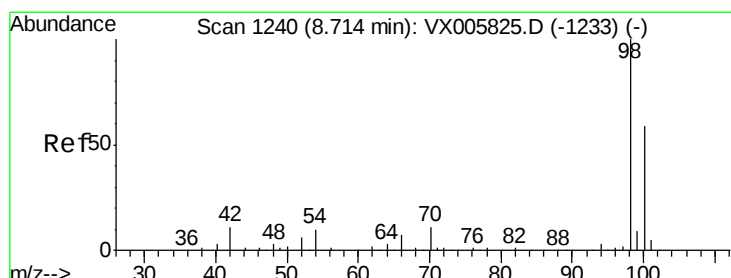
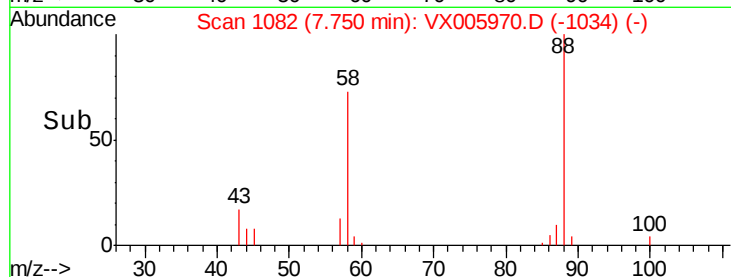
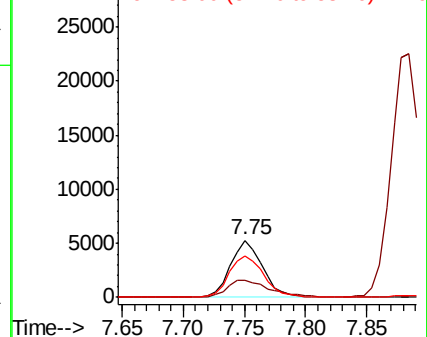
#49
1,4-Dioxane
Concen: 363.462 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tot Ion: 88 Resp: 9529
Ion Ratio Lower Upper
88 100
43 40.3 27.4 41.0
58 78.6 59.4 89.2

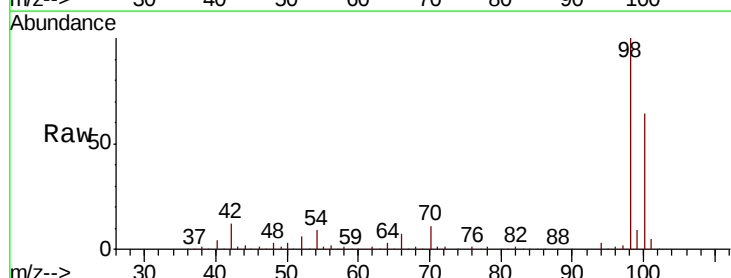


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

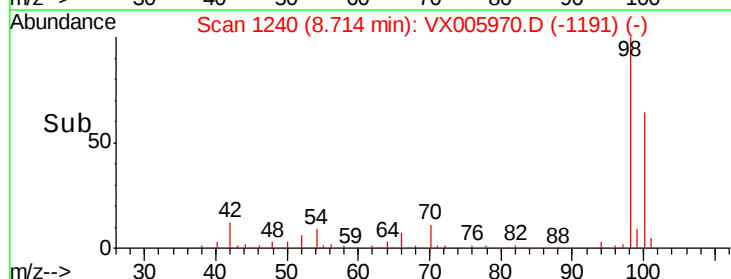
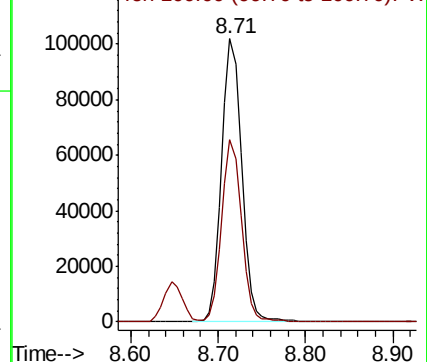


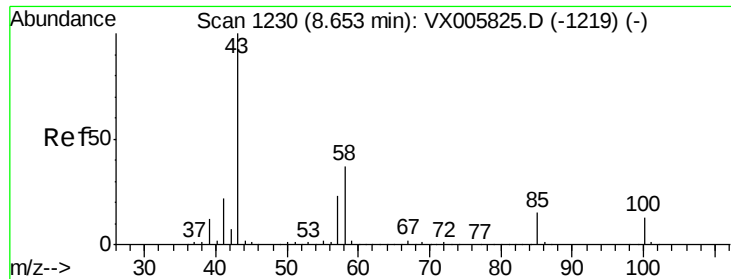
#50
Toluene-d8
Concen: 48.766 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 98 Resp: 162657
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 97.185 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

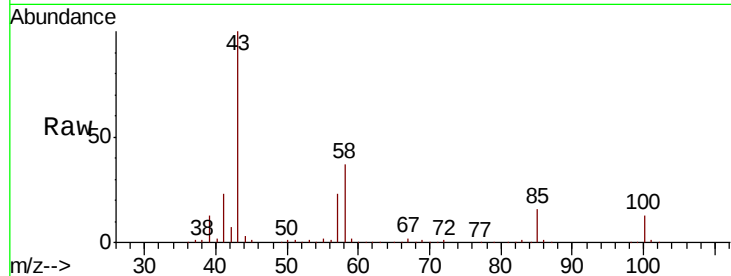
VX1114WBS01

Tot Ion: 43 Resp: 165963

Ion Ratio Lower Upper

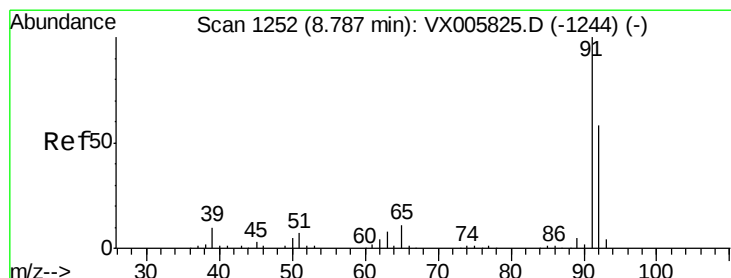
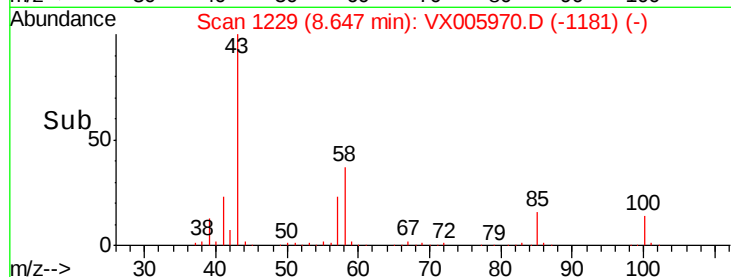
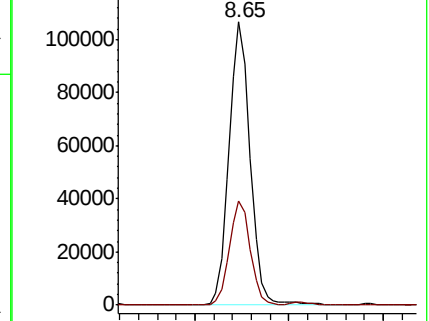
43 100

58 36.4 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.754 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005970.D

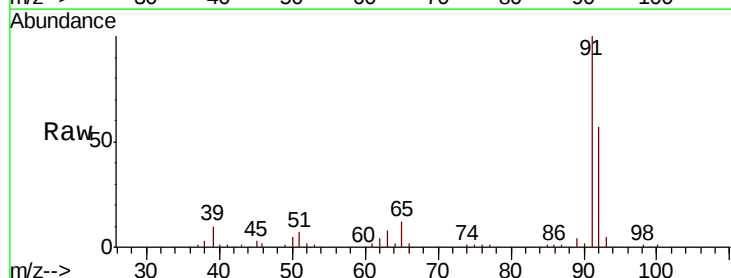
Acq: 14 Nov 2018 13:23

Tgt Ion: 92 Resp: 43451

Ion Ratio Lower Upper

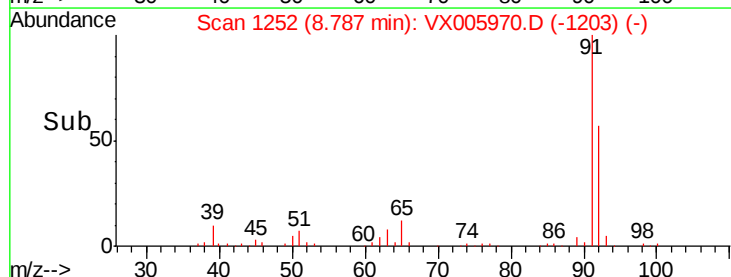
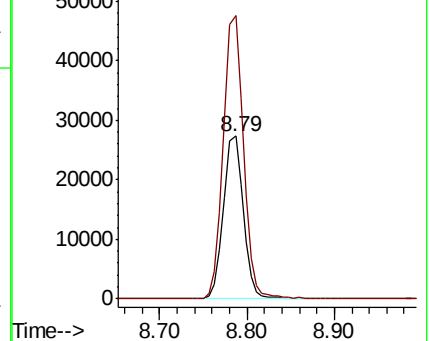
92 100

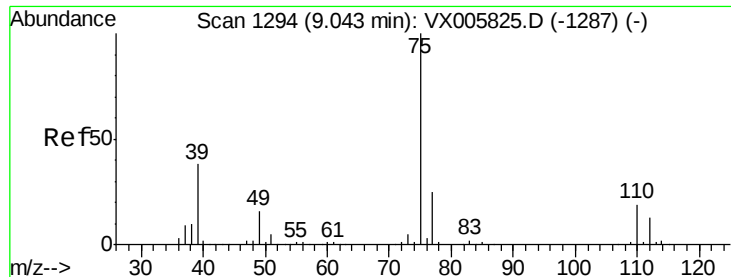
91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

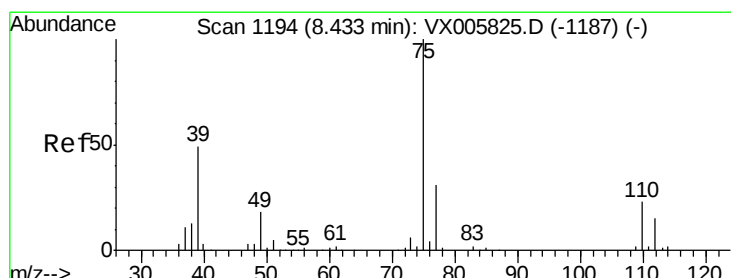
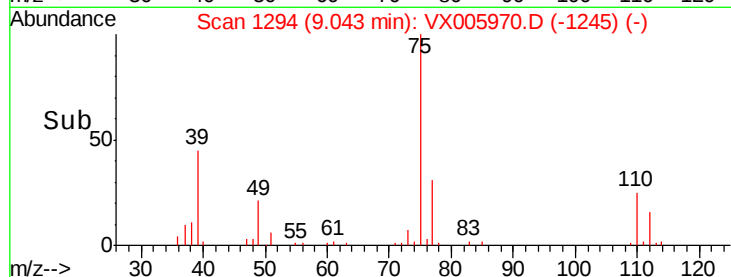
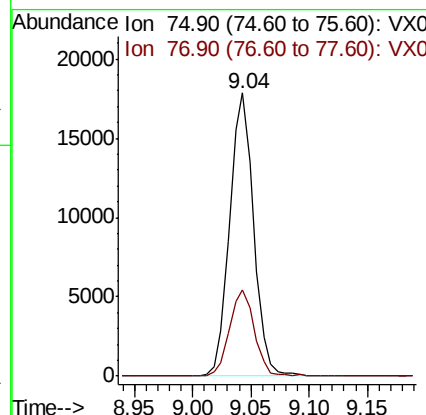
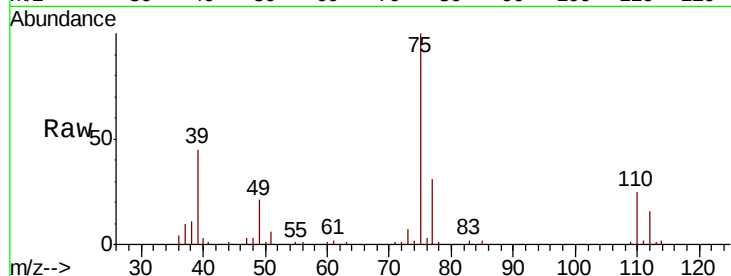




#53
 t-1,3-Dichloropropene
 Concen: 18.128 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

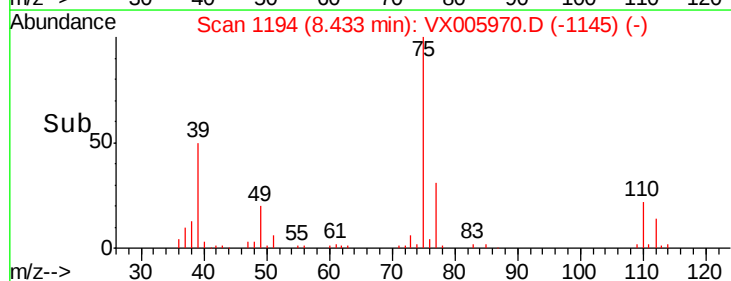
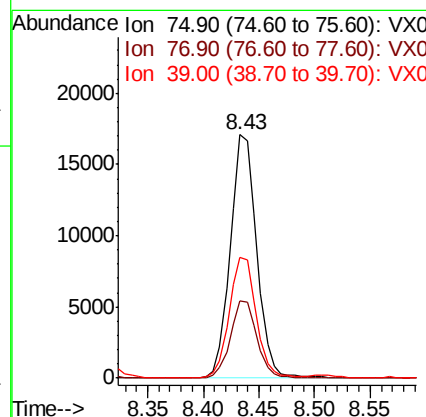
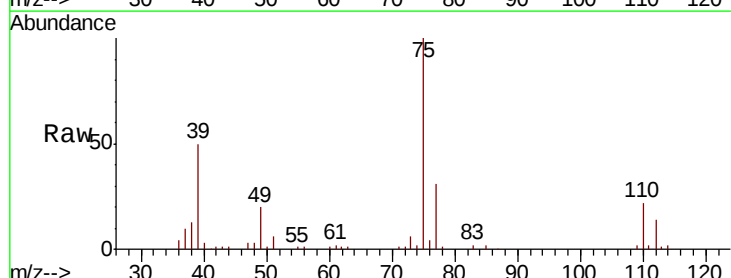
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

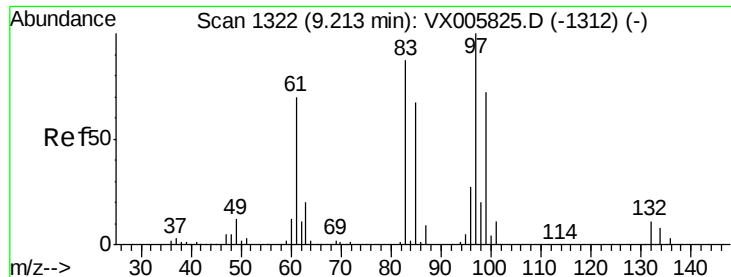
Tot Ion: 75 Resp: 25527
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.529 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion: 75 Resp: 28028
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 49.5 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 17.693 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tot Ion: 97 Resp: 18269

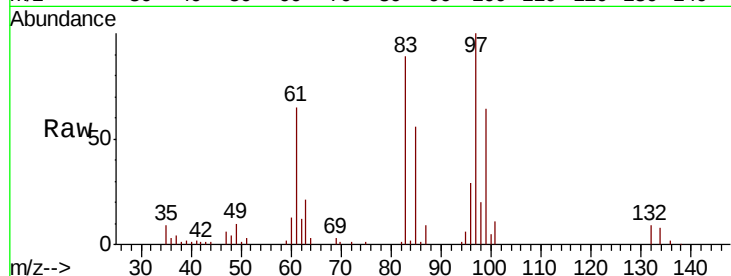
Ion Ratio Lower Upper

97 100

83 88.8 70.7 106.1

85 55.8 45.8 68.6

99 63.9 51.8 77.8

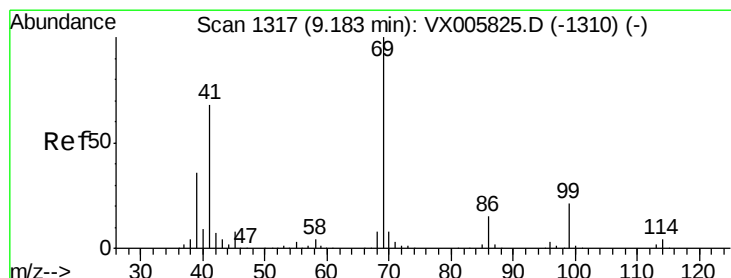
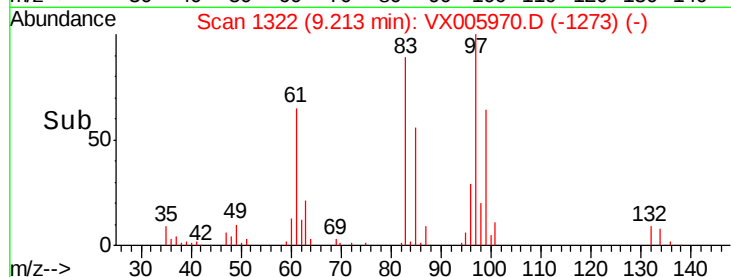
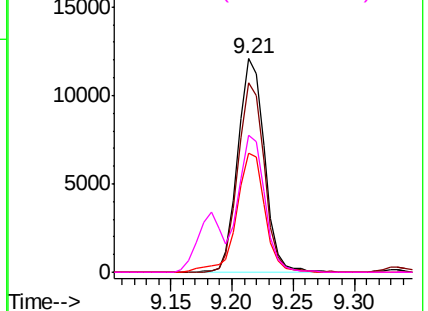


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 16.904 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

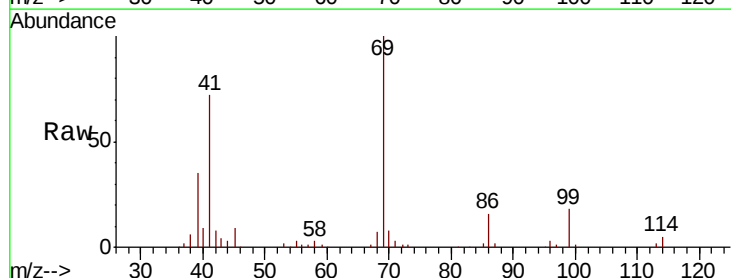
Tgt Ion: 69 Resp: 26116

Ion Ratio Lower Upper

69 100

41 72.5 57.0 85.6

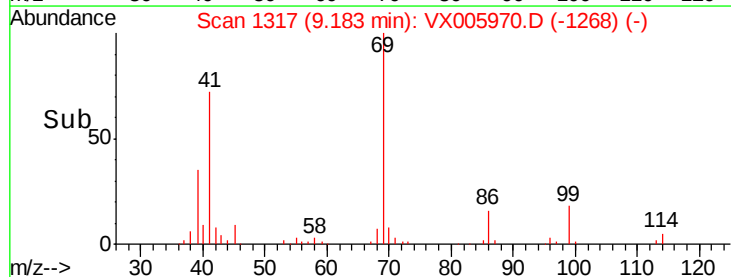
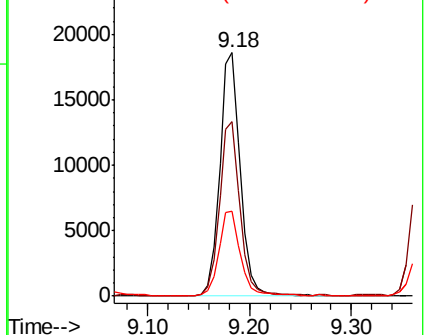
39 37.4 28.3 42.5

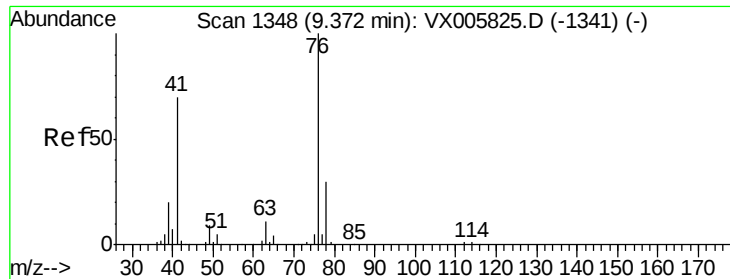


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.705 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

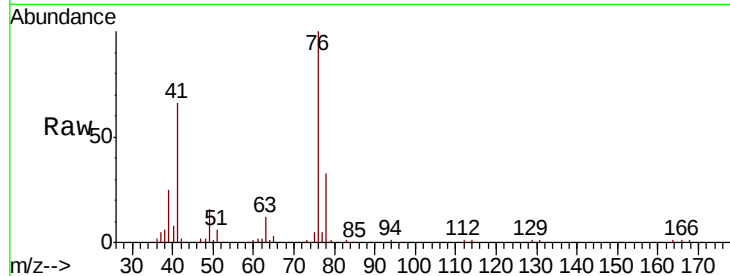
VX1114WBS01

Tot Ion: 76 Resp: 30722

Ion Ratio Lower Upper

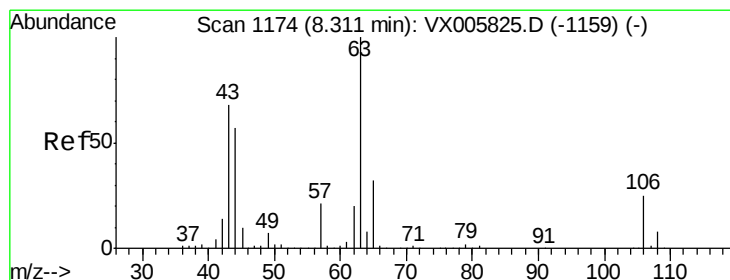
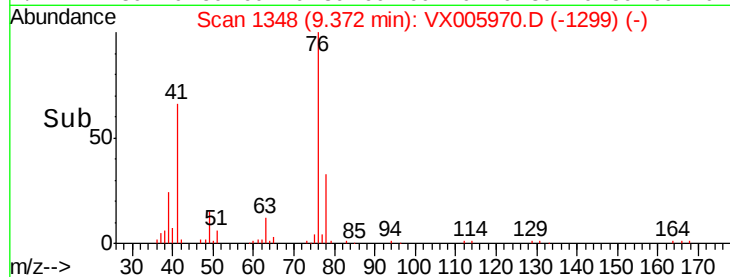
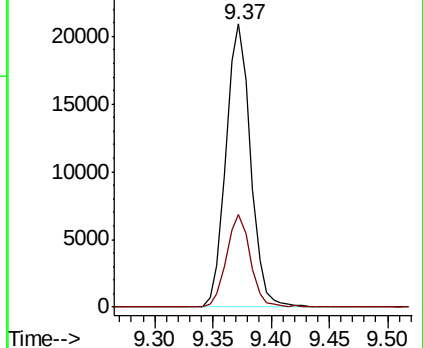
76 100

78 32.0 25.3 37.9



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: 100.948 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005970.D

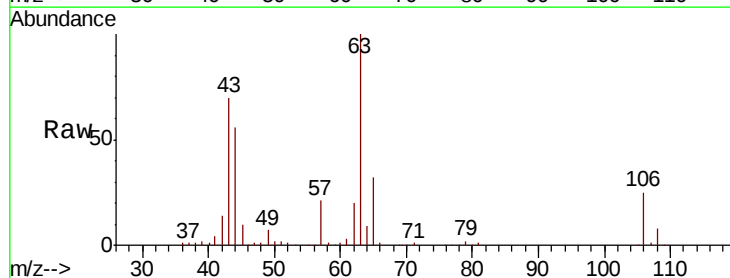
Acq: 14 Nov 2018 13:23

Tgt Ion: 63 Resp: 80687

Ion Ratio Lower Upper

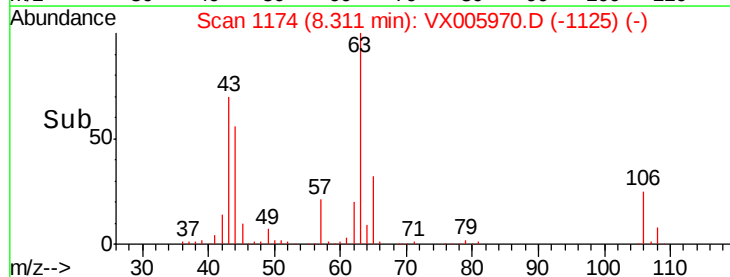
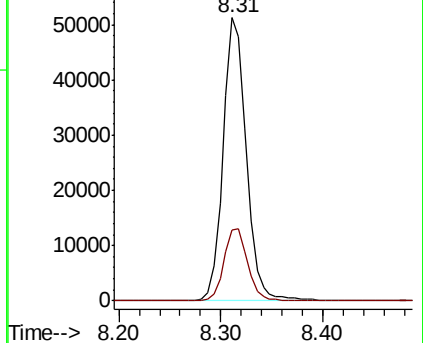
63 100

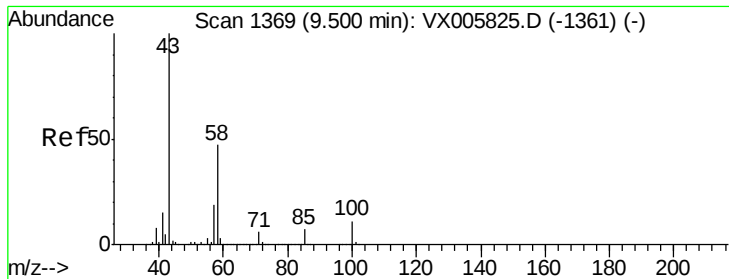
106 26.1 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

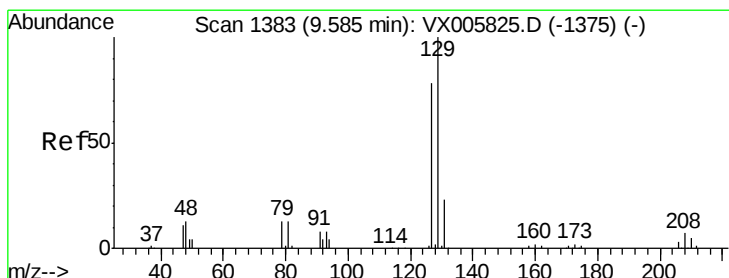
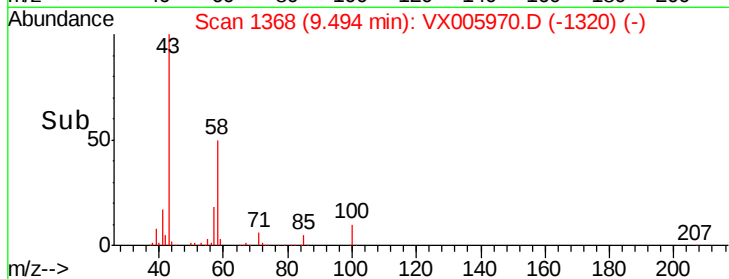
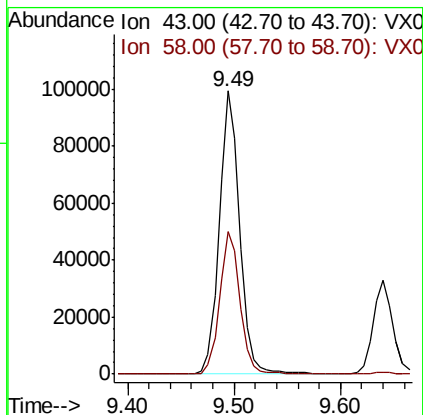
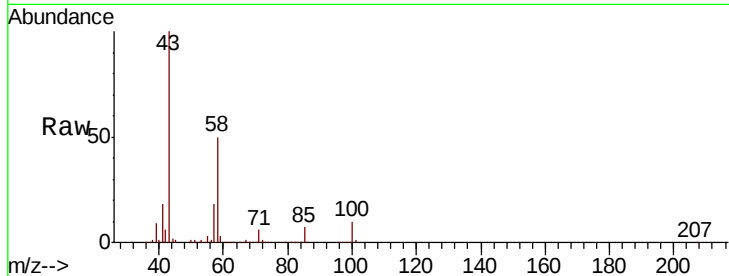




#59
2-Hexanone
Concen: 87.723 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

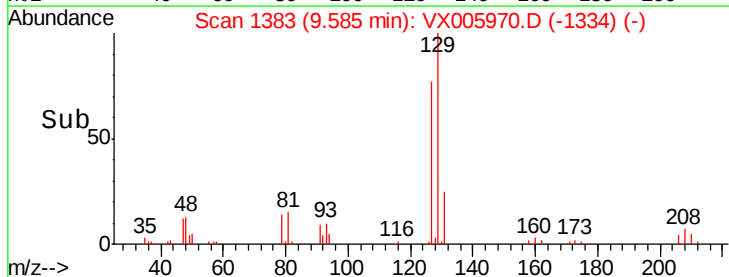
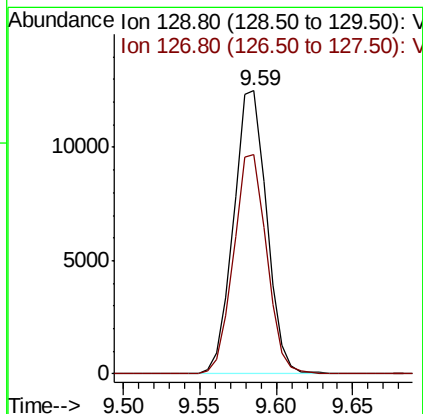
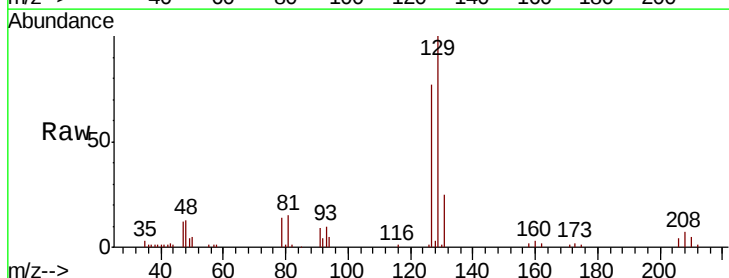
Instrument :
MSVOA_X
ClientSampled :
VX1114WBS01

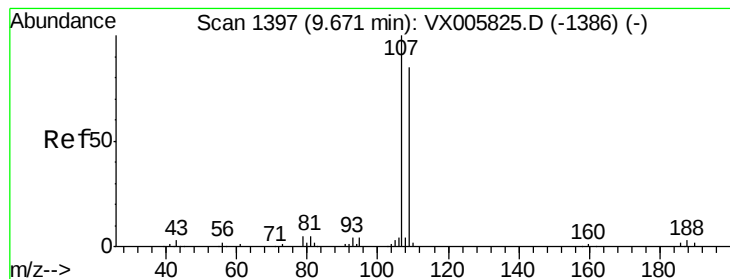
Tot Ion: 43 Resp: 132045
Ion Ratio Lower Upper
43 100
58 50.4 25.9 77.8



#60
Dibromochloromethane
Concen: 16.856 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion:129 Resp: 18810
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 16.629 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

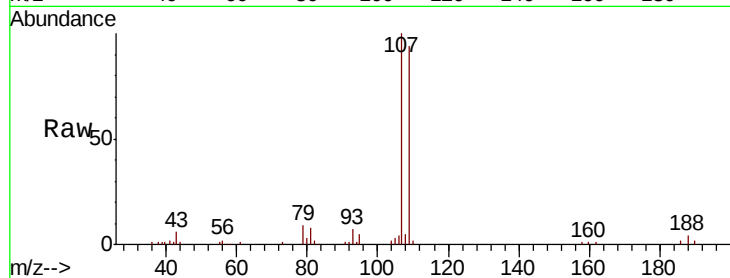
VX1114WBS01

Tot Ion:107 Resp: 18987

Ion Ratio Lower Upper

107 100

109 93.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

15000

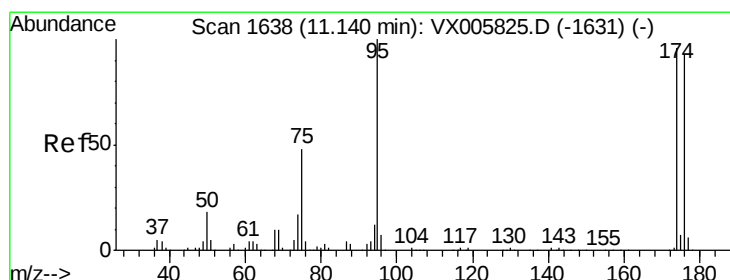
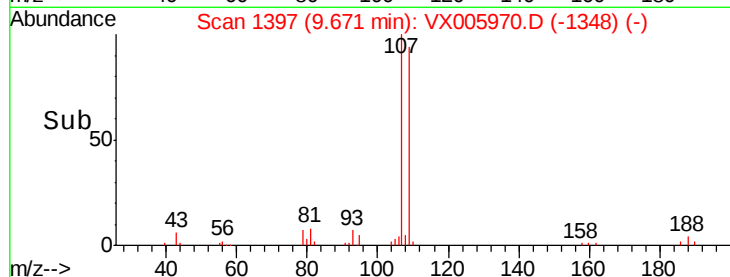
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.556 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

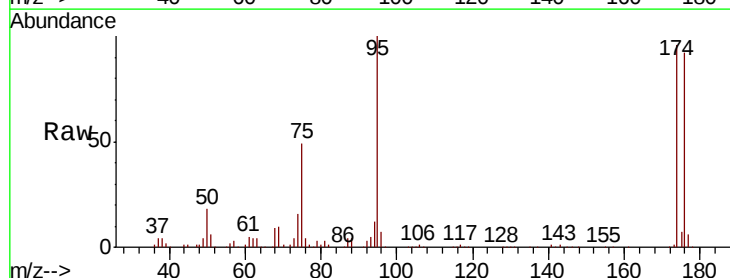
Tgt Ion: 95 Resp: 60628

Ion Ratio Lower Upper

95 100

174 90.3 0.0 184.4

176 87.7 0.0 177.4



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

60000

50000

40000

30000

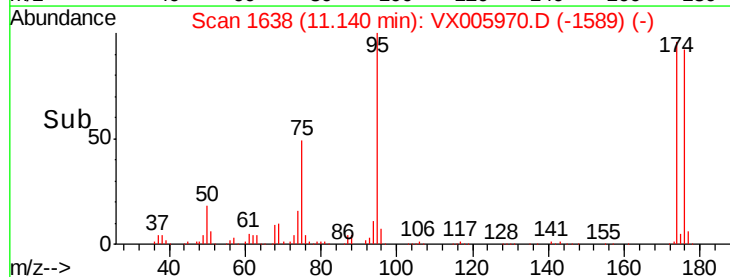
20000

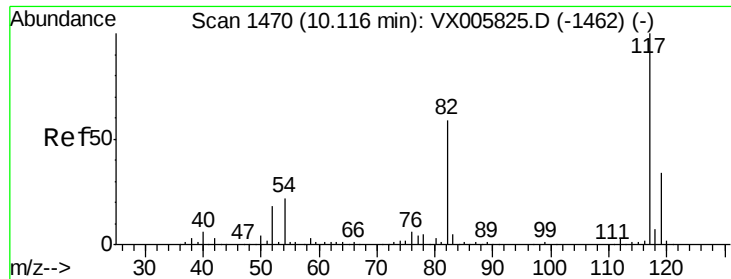
10000

0

Time-->

11.10 11.20

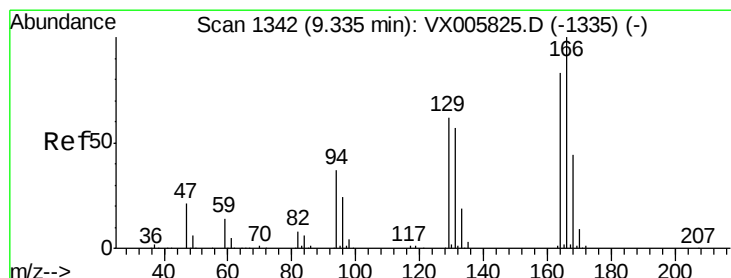
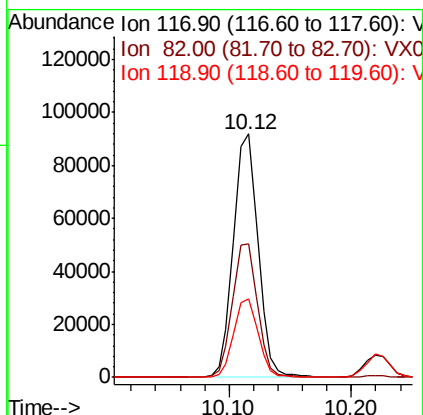
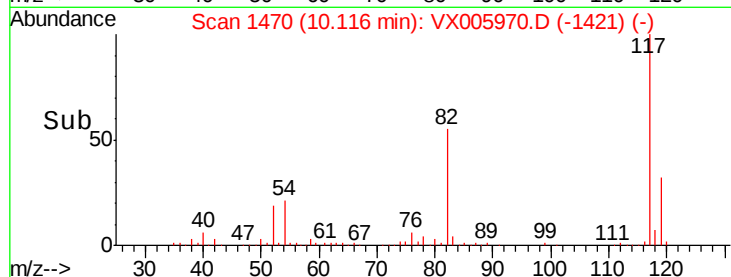
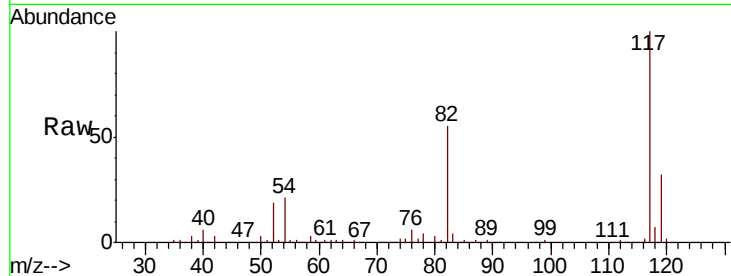




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

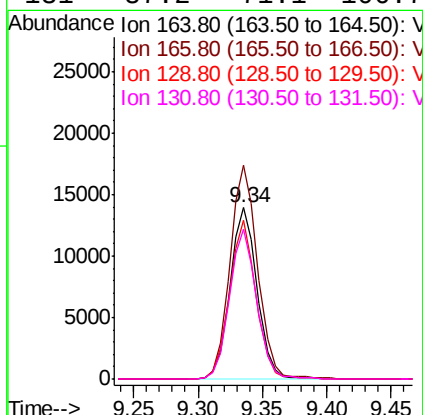
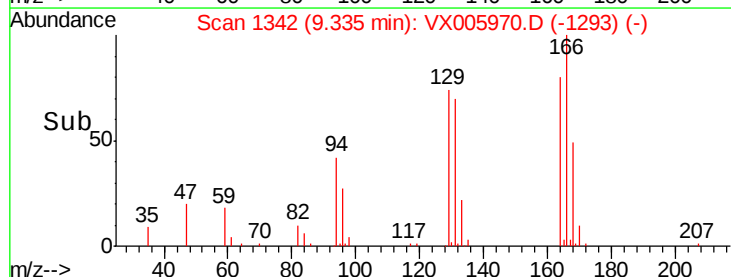
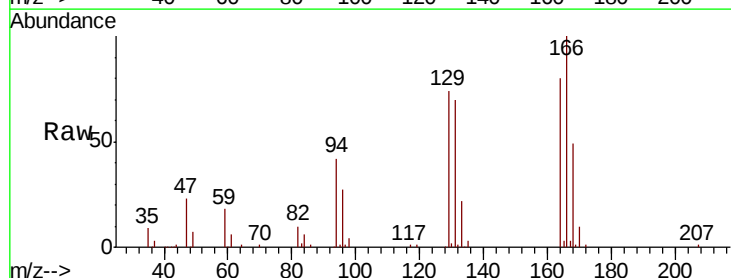
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

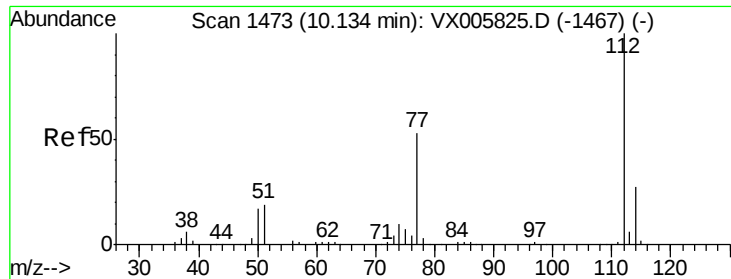
Tot Ion:117 Resp: 128370
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 18.682 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion:164 Resp: 20418
Ion Ratio Lower Upper
164 100
166 124.9 101.9 152.9
129 92.9 72.6 109.0
131 87.2 71.1 106.7

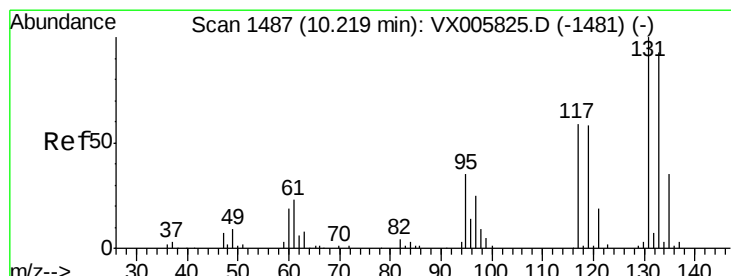
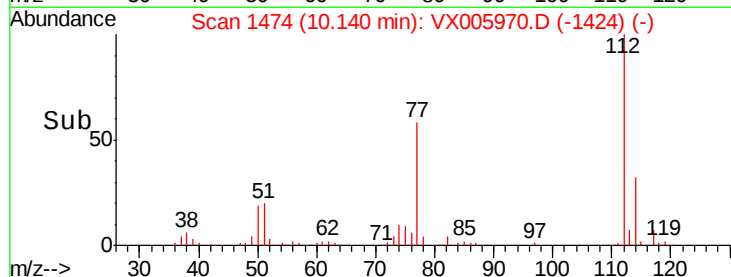
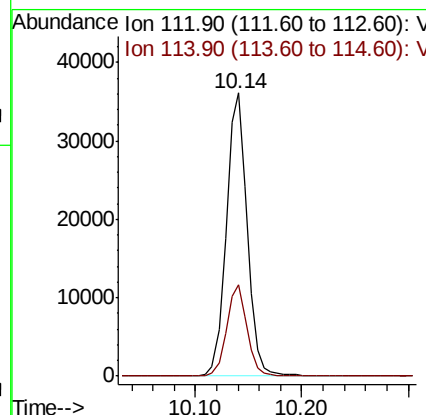
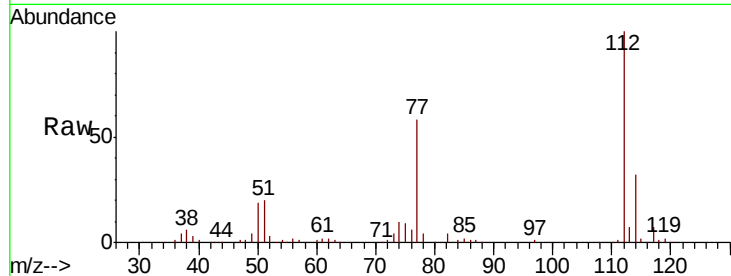




#65
Chlorobenzene
Concen: 19.119 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

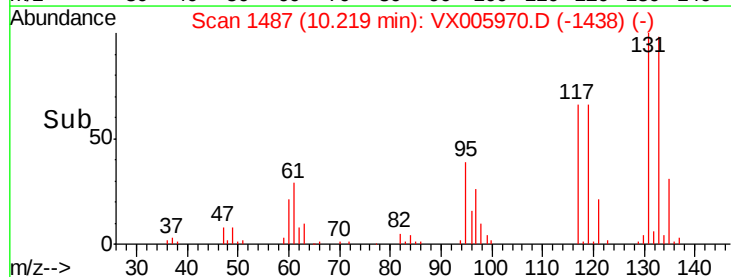
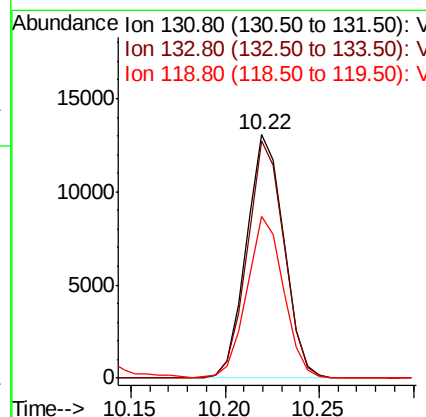
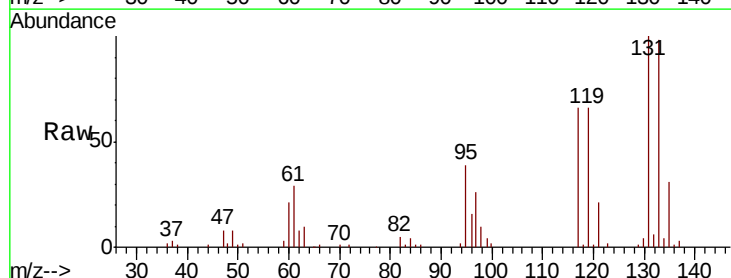
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

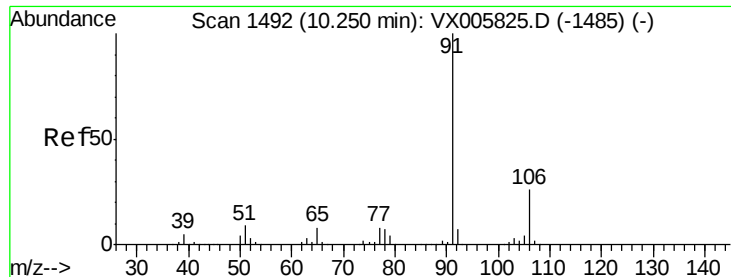
Tot Ion:112 Resp: 49168
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.054 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion:131 Resp: 17929
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 65.3 31.8 95.3





#67

Ethyl Benzene

Concen: 19.767 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

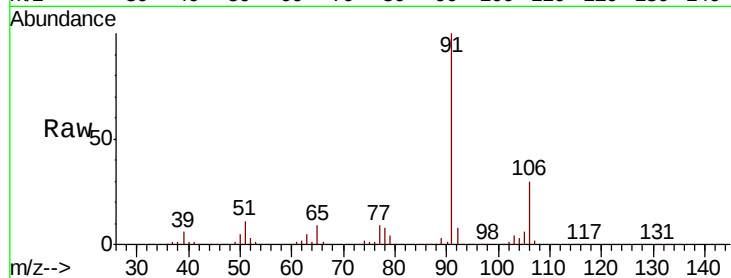
VX1114WBS01

Tot Ion: 91 Resp: 81512

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6

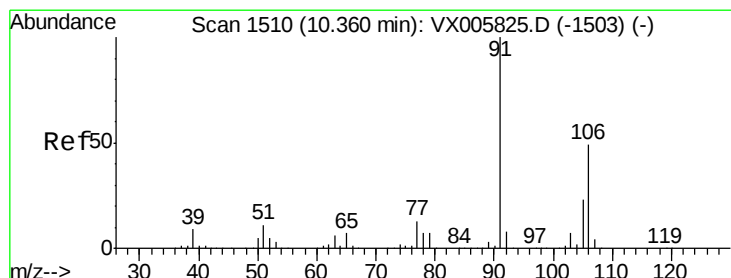
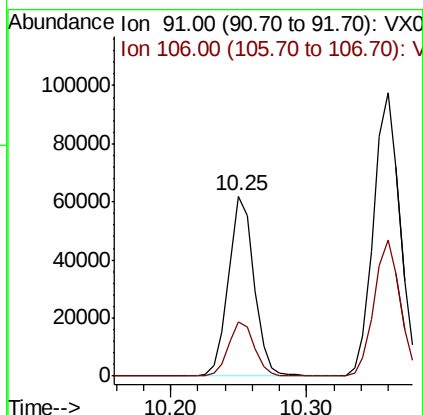
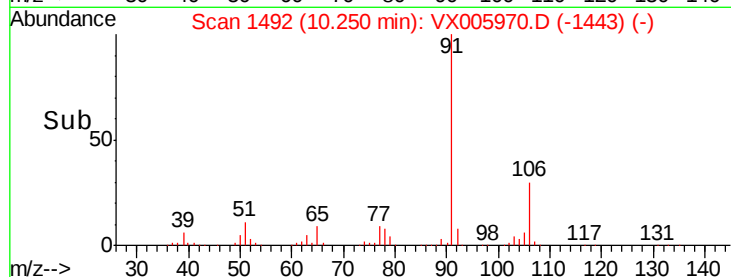


Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

Time-->

Time-->



#68

m/p-Xylenes

Concen: 40.224 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005970.D

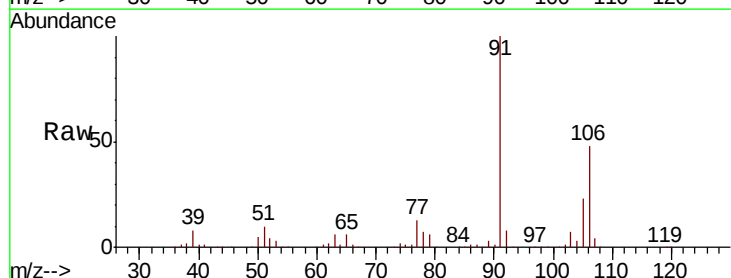
Acq: 14 Nov 2018 13:23

Tgt Ion: 106 Resp: 63270

Ion Ratio Lower Upper

106 100

91 209.4 164.2 246.4

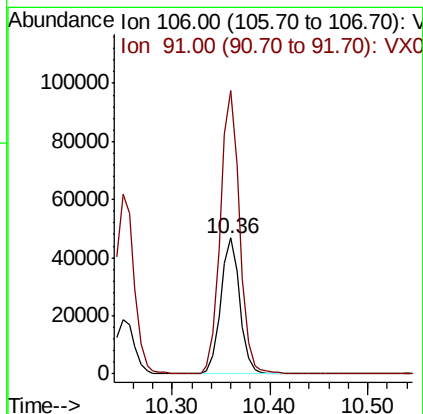
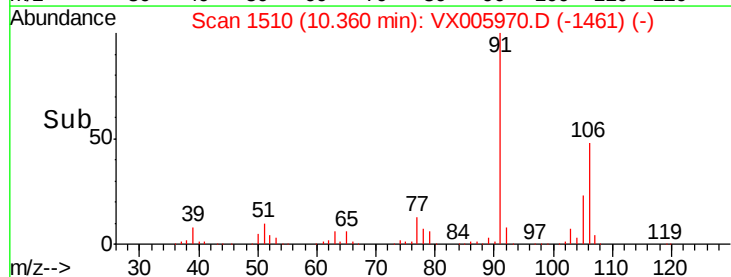


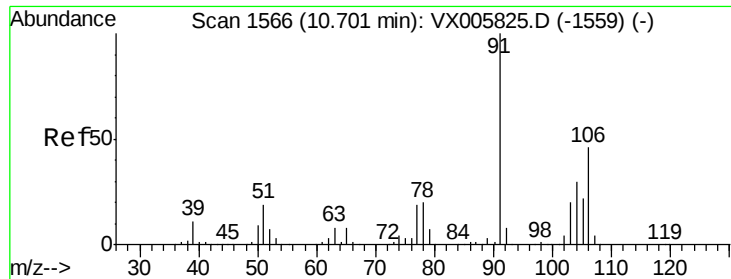
Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

Time-->

Time-->

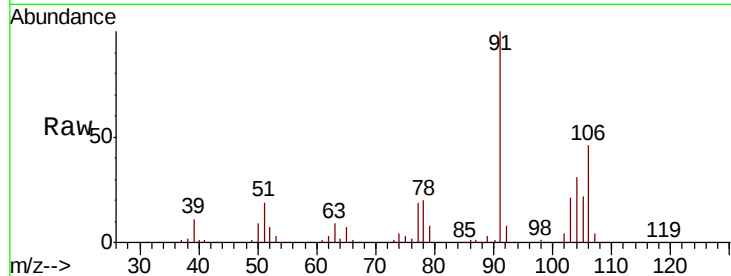




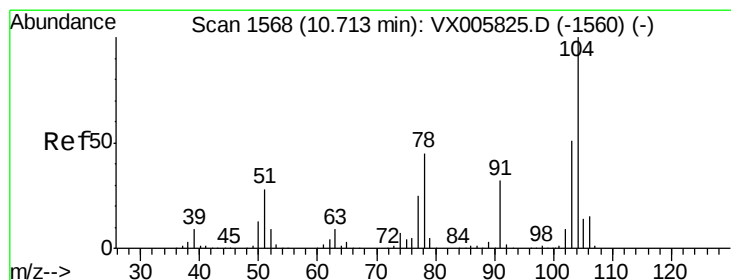
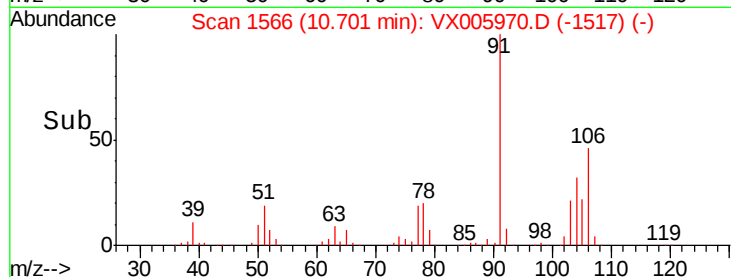
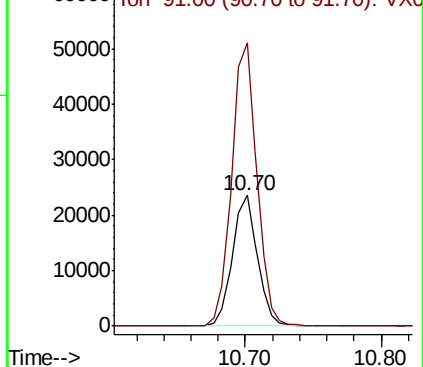
#69
o-Xylene
Concen: 21.337 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
VX1114WBS01

Tot Ion:106 Resp: 30095
Ion Ratio Lower Upper
106 100
91 219.3 108.5 325.5

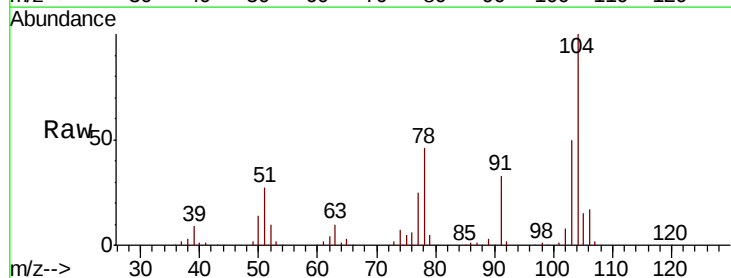


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

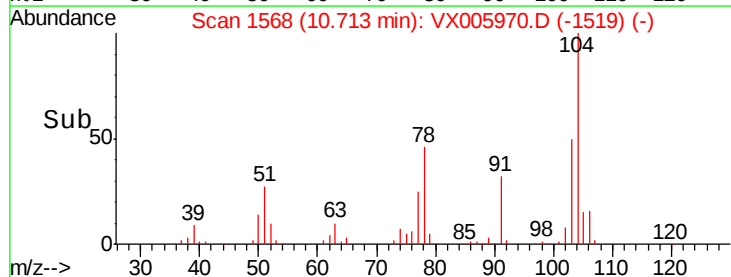
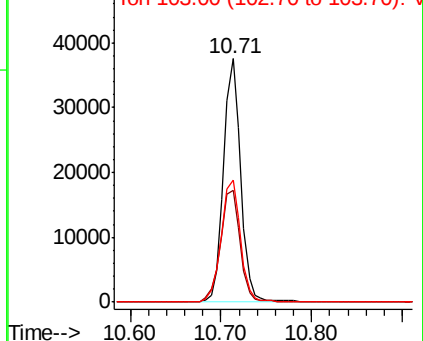


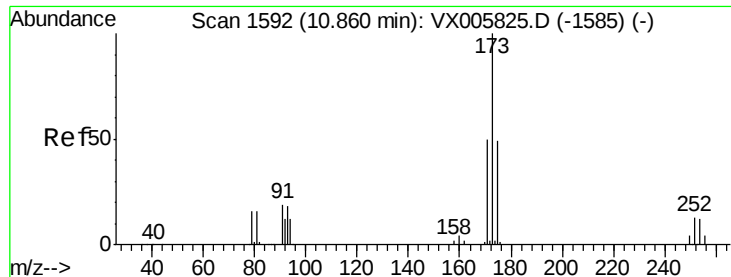
#70
Styrene
Concen: 21.503 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion:104 Resp: 50031
Ion Ratio Lower Upper
104 100
78 52.2 40.2 60.4
103 55.9 44.9 67.3



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





#71

Bromoform

Concen: 20.412 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

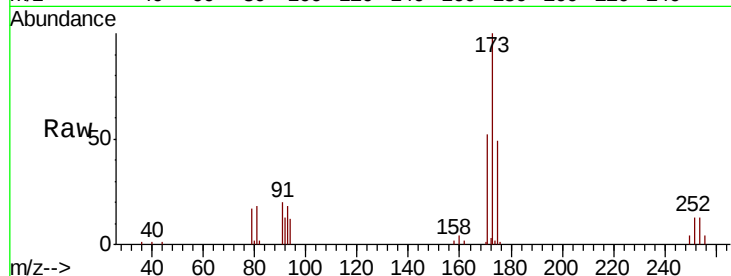
Tot Ion:173 Resp: 15298

Ion Ratio Lower Upper

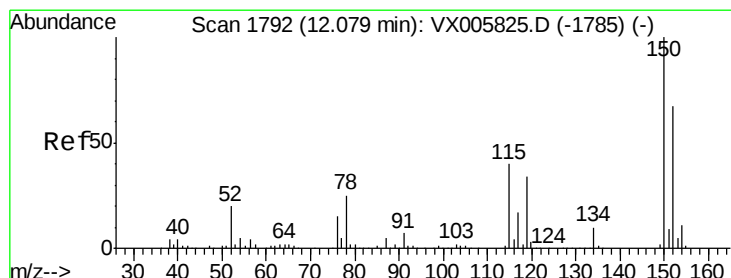
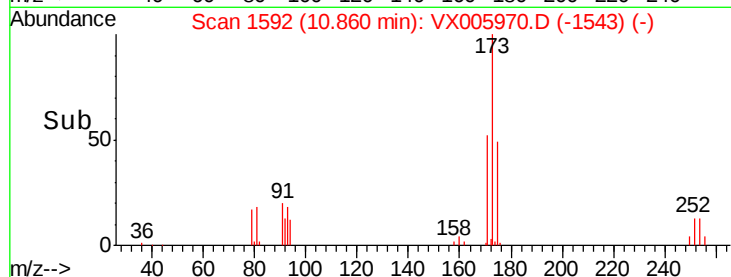
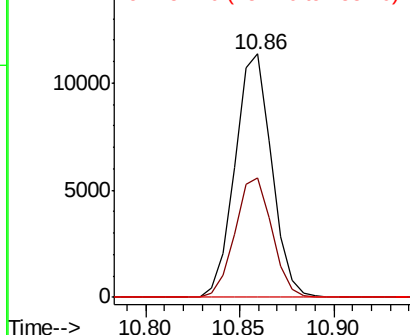
173 100

175 49.5 24.8 74.3

254 0.0 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: VX005970.D

Acq: 14 Nov 2018 13:23

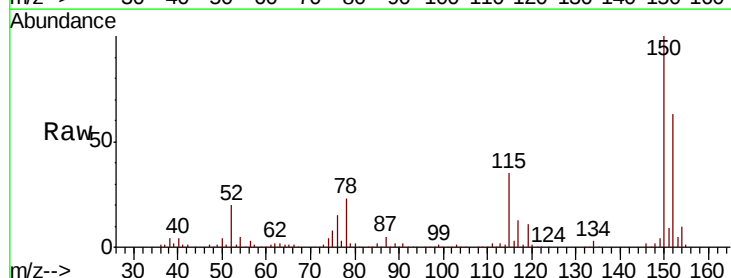
Tgt Ion:152 Resp: 71050

Ion Ratio Lower Upper

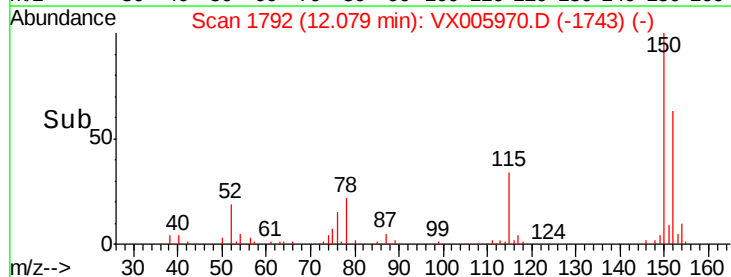
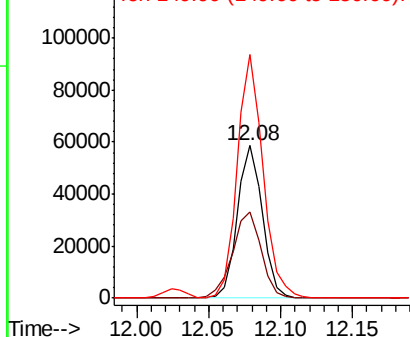
152 100

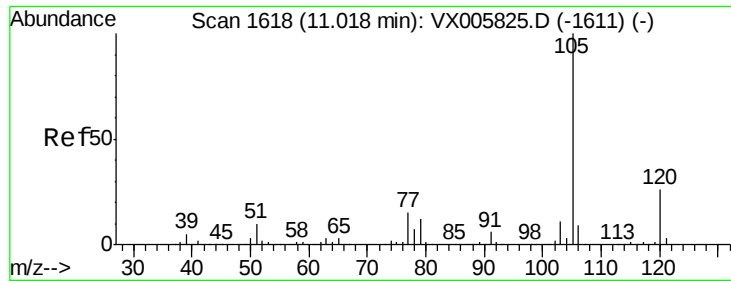
115 65.2 39.4 118.1

150 163.9 0.0 346.4



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: 20.281 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

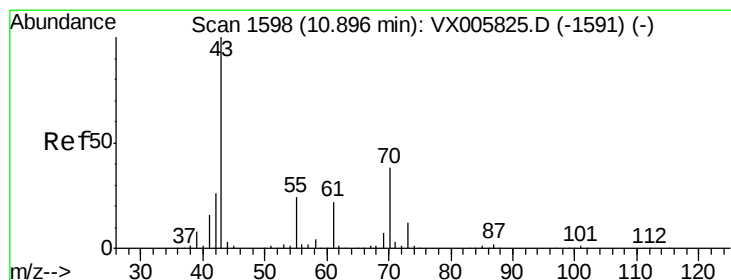
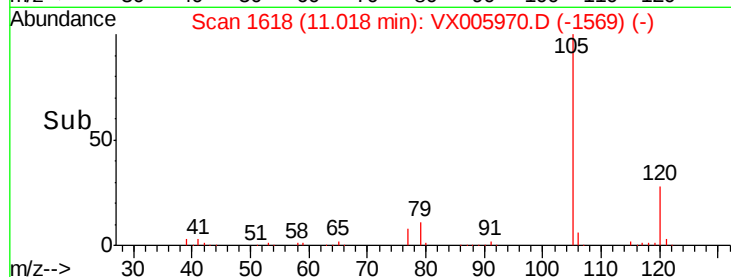
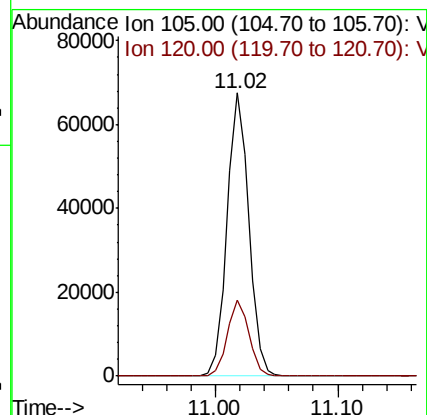
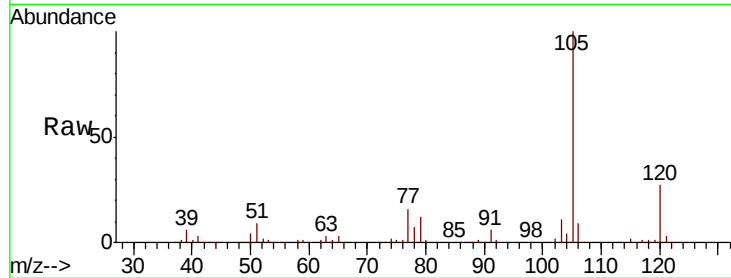
VX1114WBS01

Tot Ion:105 Resp: 83328

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 17.984 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Tgt Ion: 43 Resp: 39566

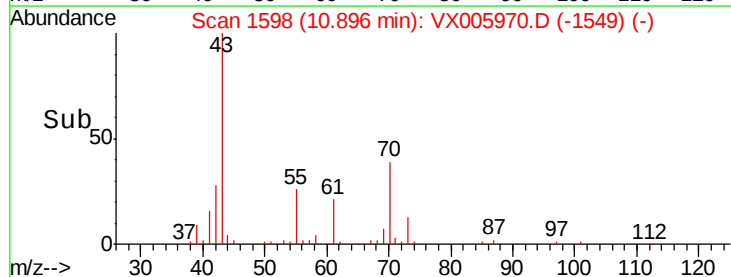
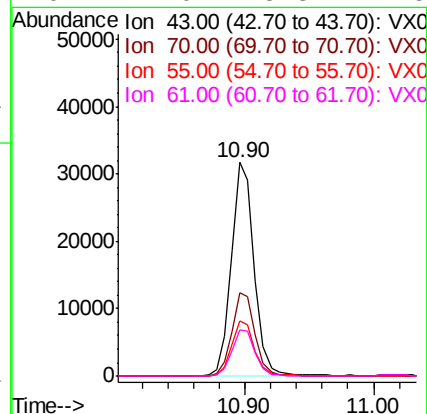
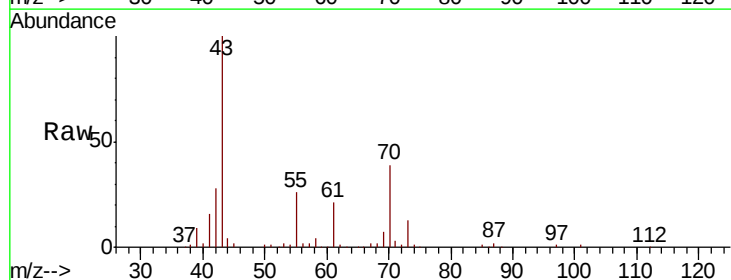
Ion Ratio Lower Upper

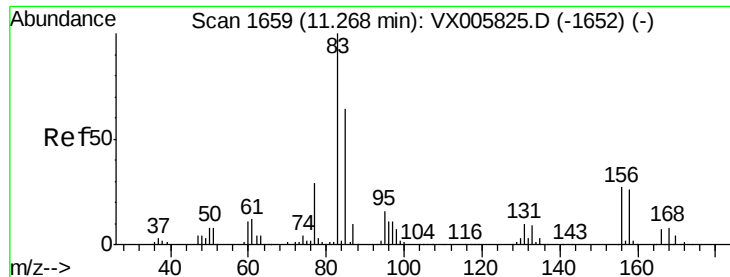
43 100

70 39.3 31.6 47.4

55 26.0 19.7 29.5

61 22.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.556 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

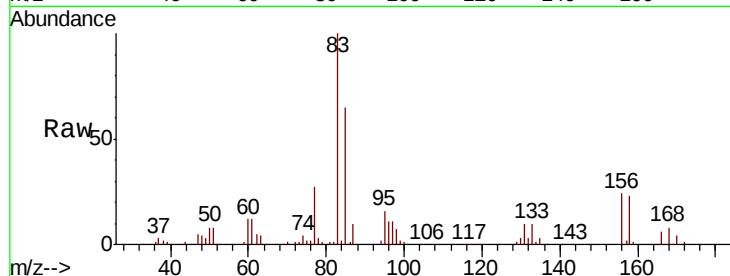
Tot Ion: 83 Resp: 29492

Ion Ratio Lower Upper

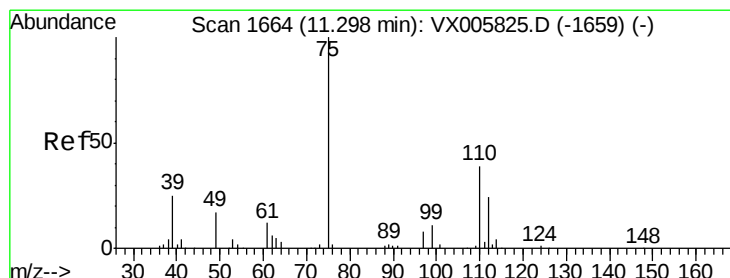
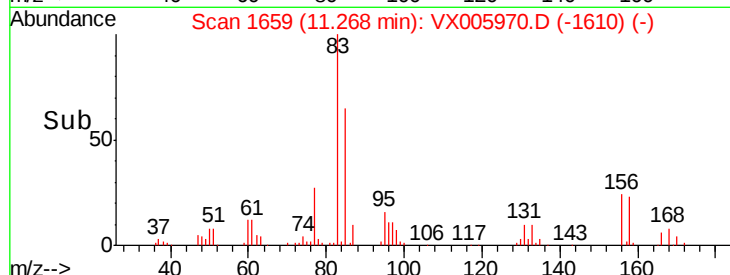
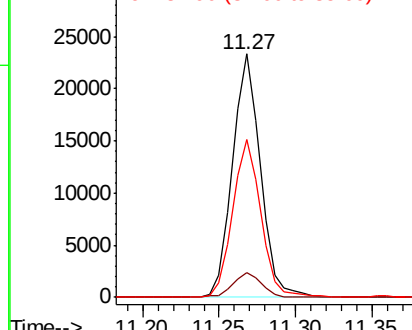
83 100

131 10.5 5.3 15.9

85 65.7 32.0 96.2



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: 24.715 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005970.D

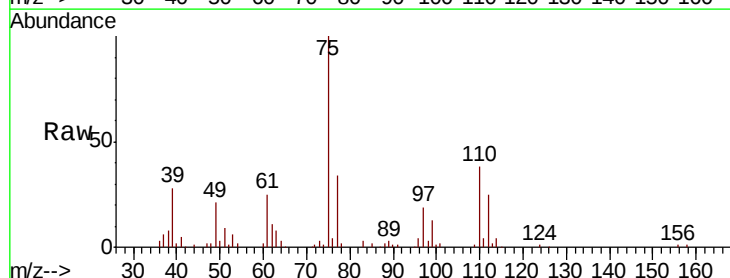
Acq: 14 Nov 2018 13:23

Tgt Ion: 75 Resp: 35756

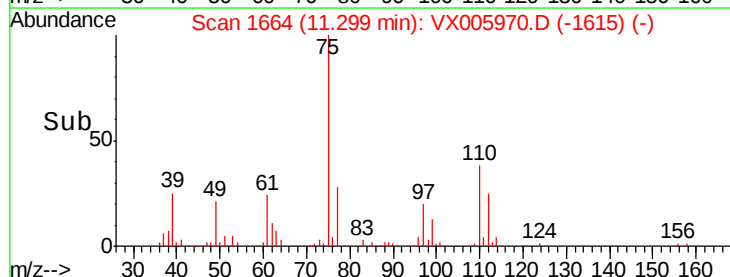
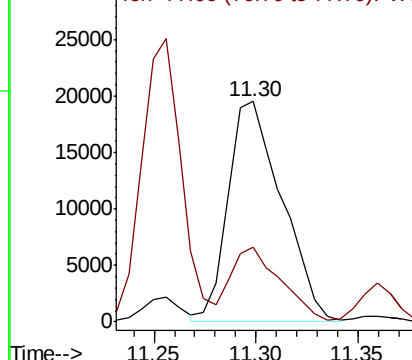
Ion Ratio Lower Upper

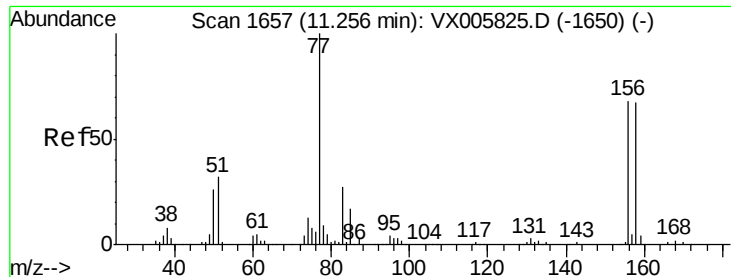
75 100

77 31.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.186 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

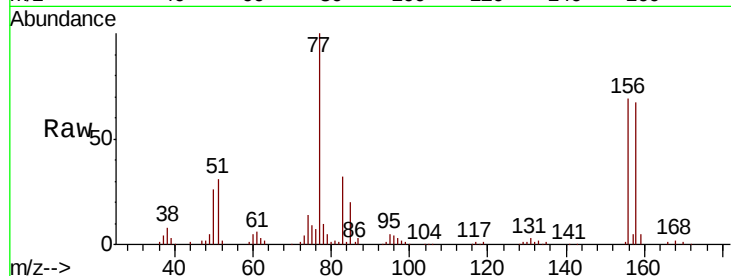
Tot Ion:156 Resp: 22219

Ion Ratio Lower Upper

156 100

77 152.6 74.8 224.4

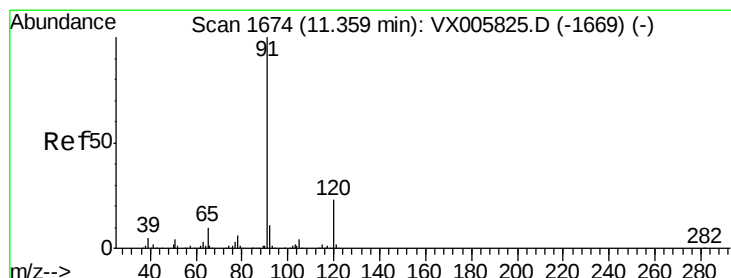
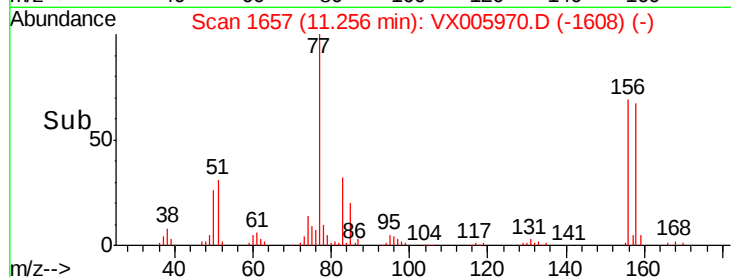
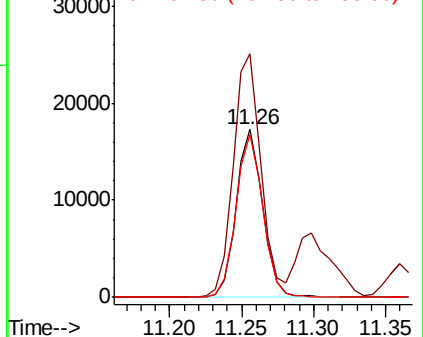
158 98.1 49.1 147.3



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: 20.011 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005970.D

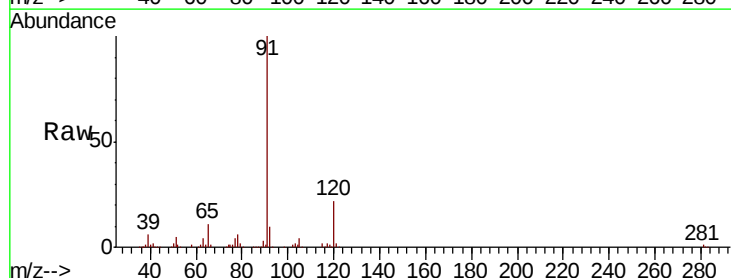
Acq: 14 Nov 2018 13:23

Tgt Ion: 91 Resp: 96900

Ion Ratio Lower Upper

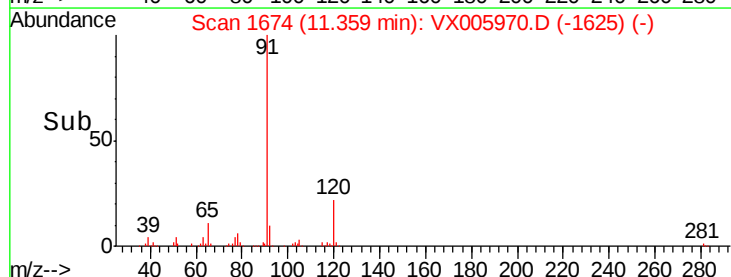
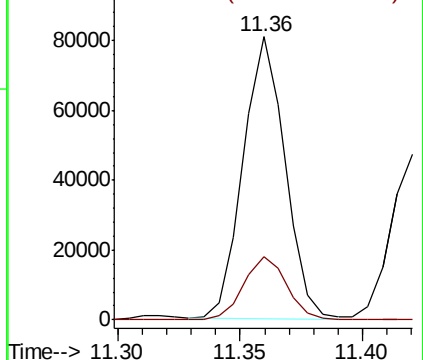
91 100

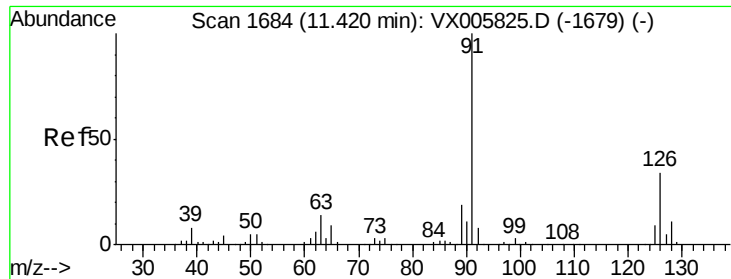
120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

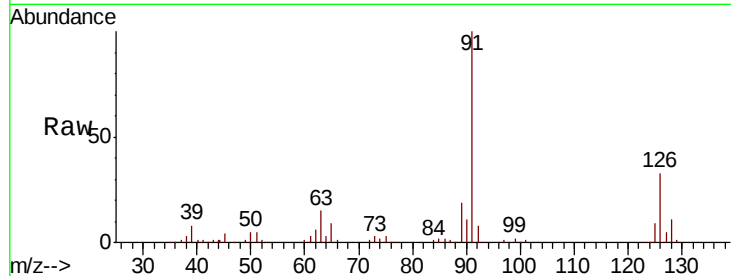




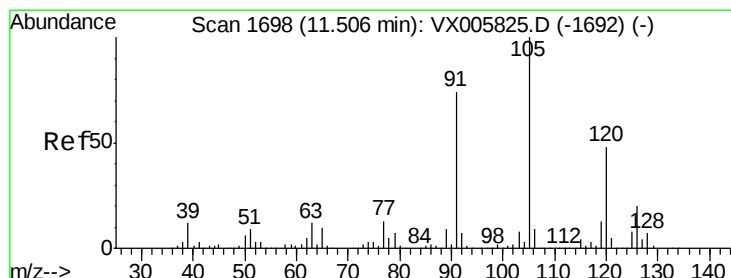
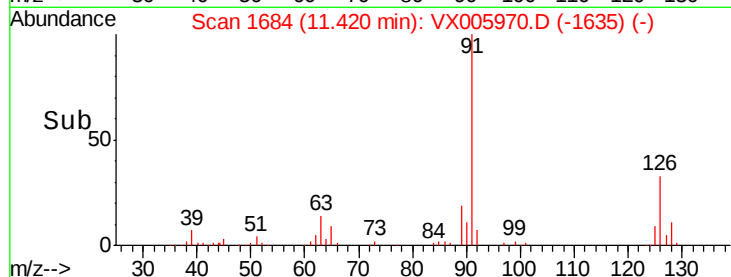
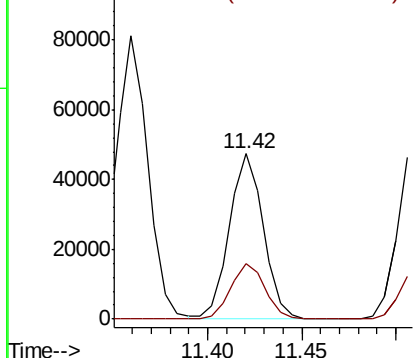
#79
2-Chlorotoluene
Concen: 20.043 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tot Ion: 91 Resp: 58664
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0

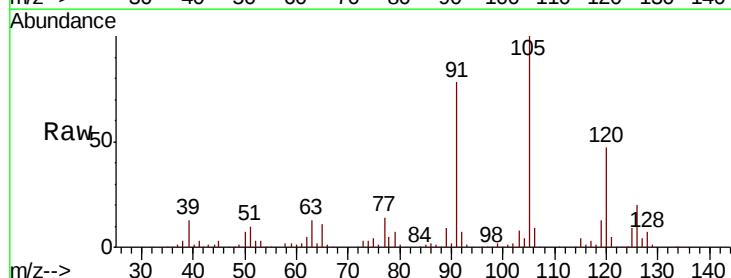


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

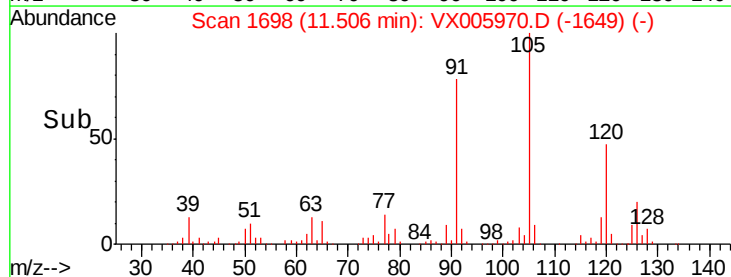
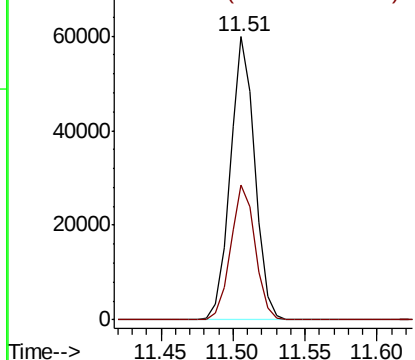


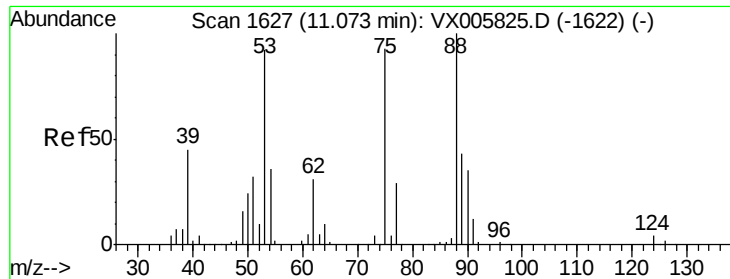
#80
1,3,5-Trimethylbenzene
Concen: 20.437 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 105 Resp: 71359
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.448 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

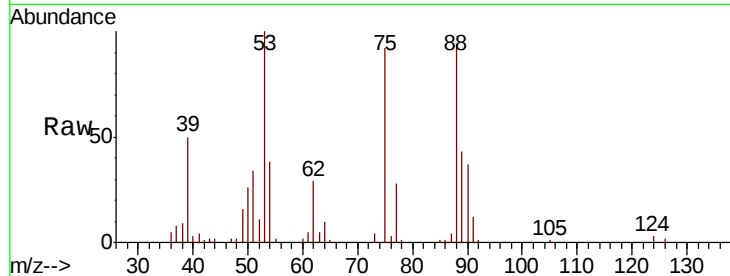
Tot Ion: 75 Resp: 8828

Ion Ratio Lower Upper

75 100

53 107.3 80.2 120.2

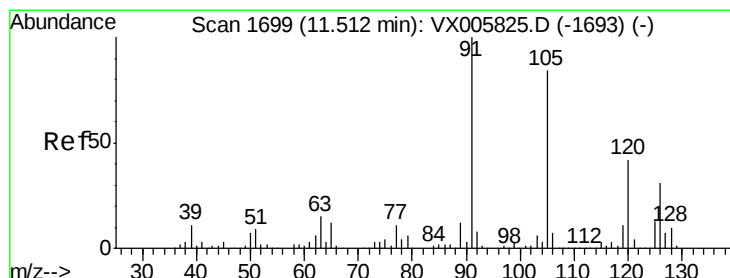
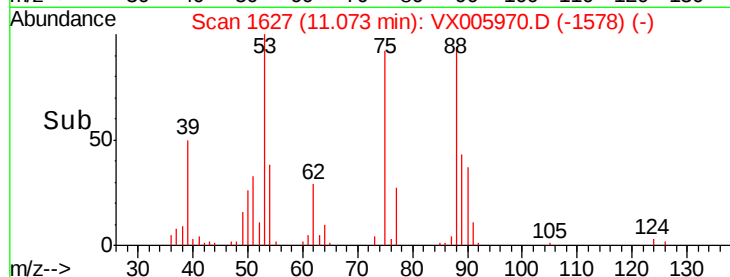
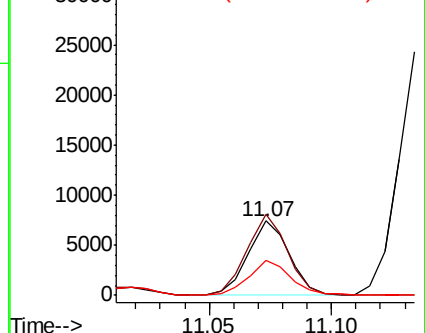
89 48.3 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.172 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005970.D

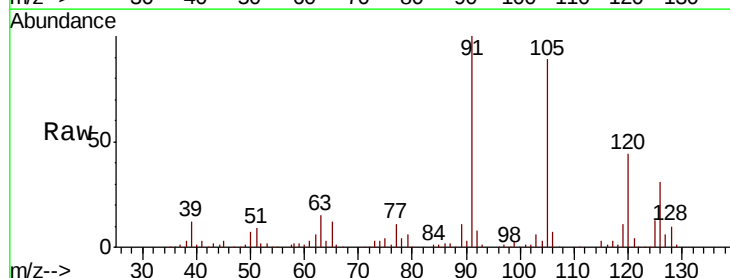
Acq: 14 Nov 2018 13:23

Tgt Ion: 91 Resp: 69581

Ion Ratio Lower Upper

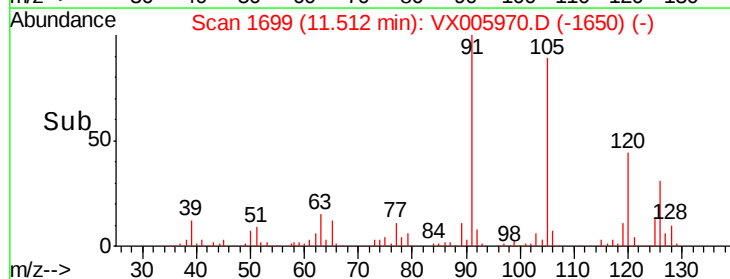
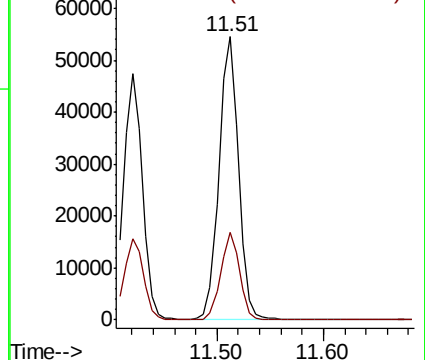
91 100

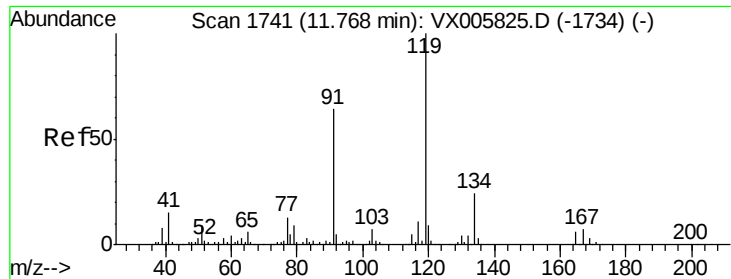
126 30.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.601 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

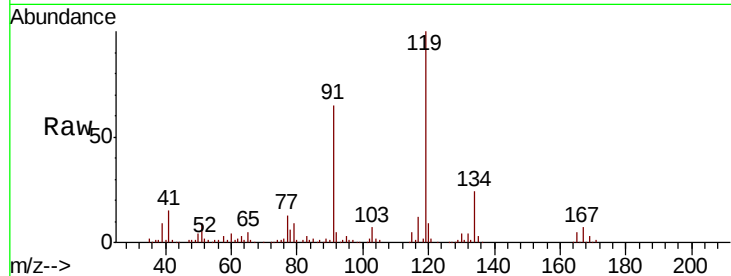
Tot Ion:119 Resp: 69237

Ion Ratio Lower Upper

119 100

91 58.1 28.5 85.5

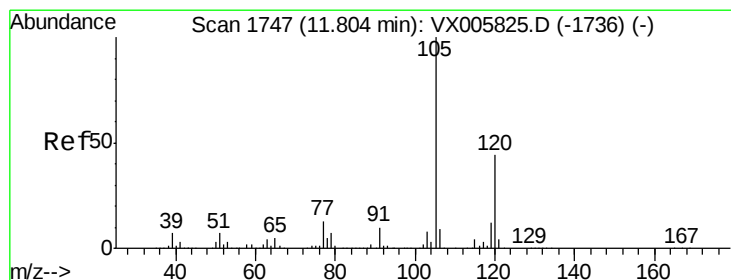
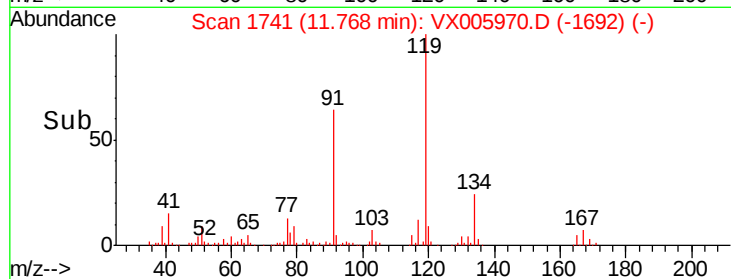
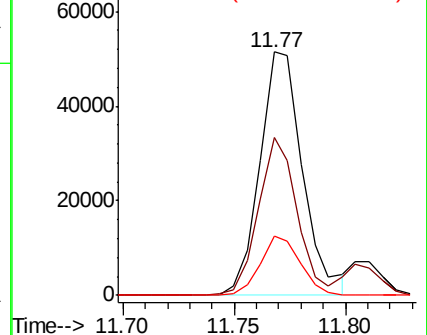
134 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.343 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX005970.D

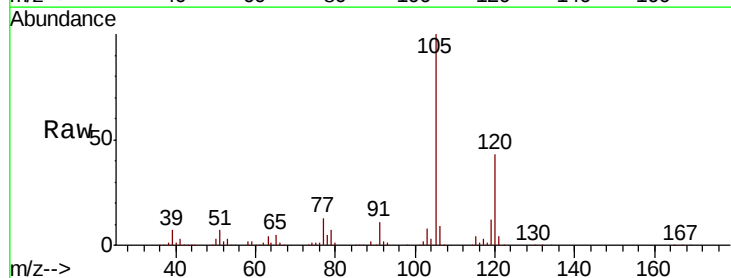
Acq: 14 Nov 2018 13:23

Tgt Ion:105 Resp: 74815

Ion Ratio Lower Upper

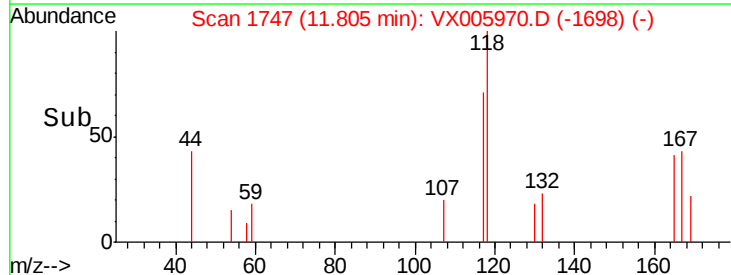
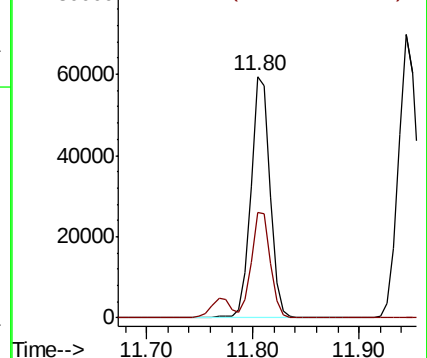
105 100

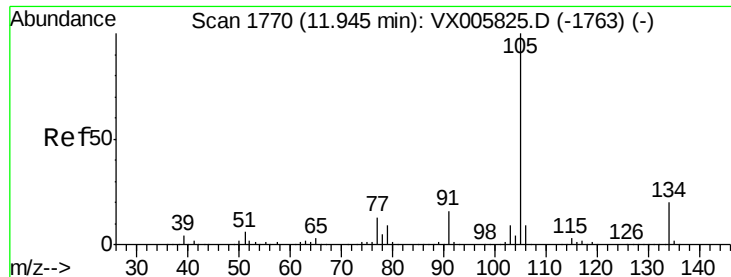
120 43.3 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.788 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

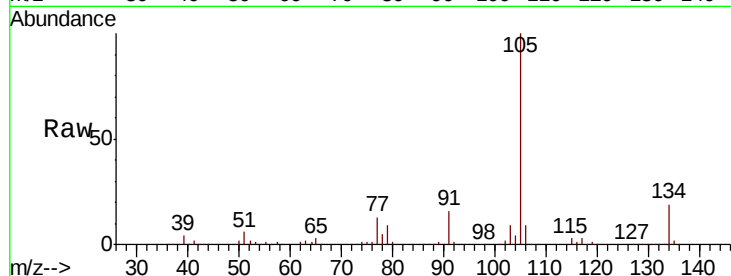
VX1114WBS01

Tot Ion:105 Resp: 85474

Ion Ratio Lower Upper

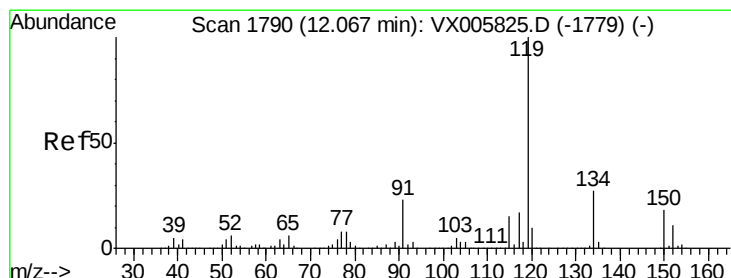
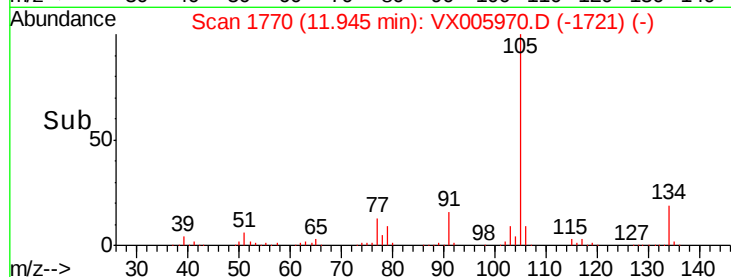
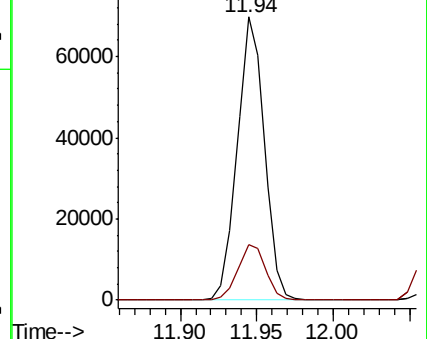
105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.591 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

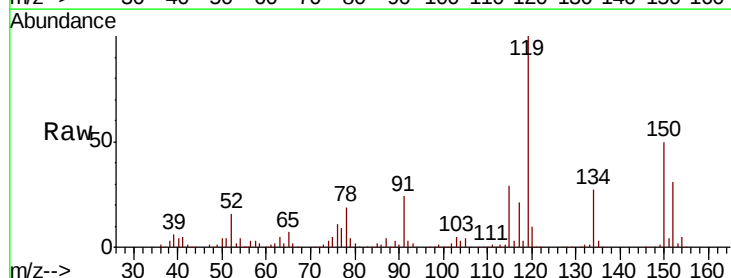
Tgt Ion:119 Resp: 74958

Ion Ratio Lower Upper

119 100

134 26.8 13.0 39.0

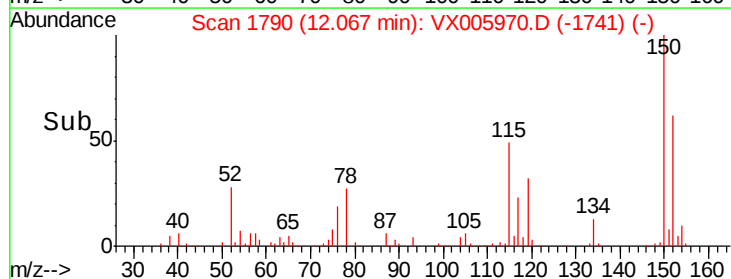
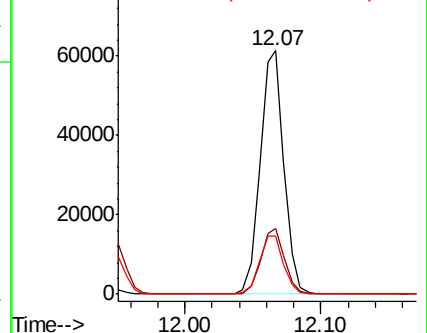
91 24.2 11.4 34.2

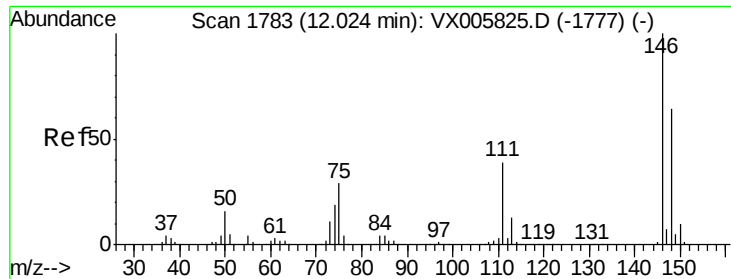


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

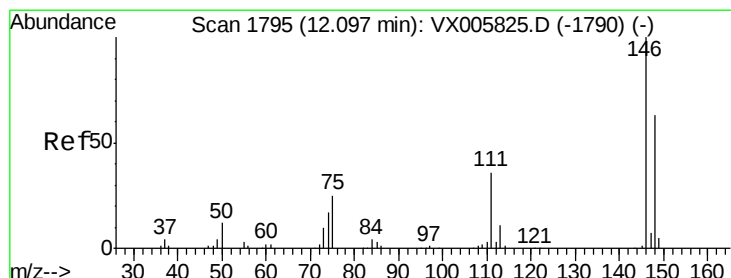
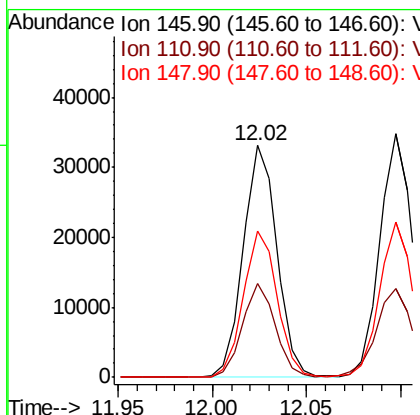
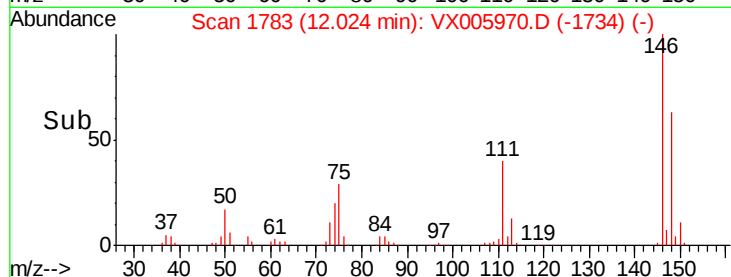
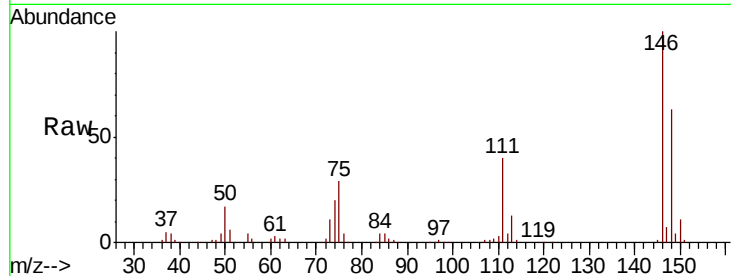




#87
 1,3-Dichlorobenzene
 Concen: 18.535 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

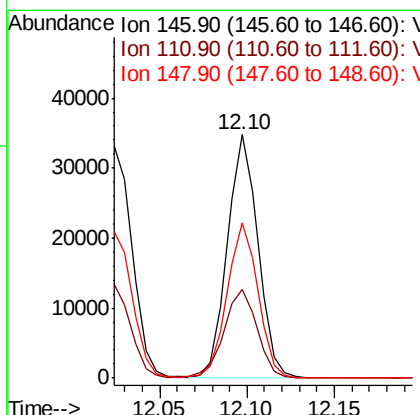
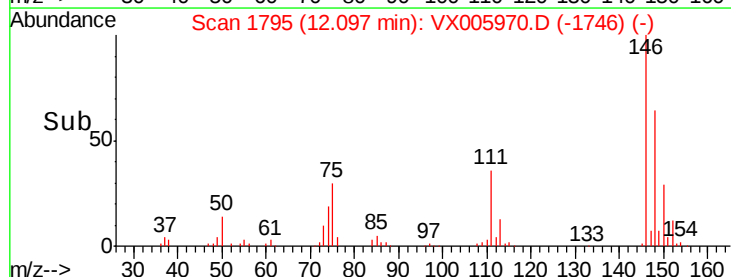
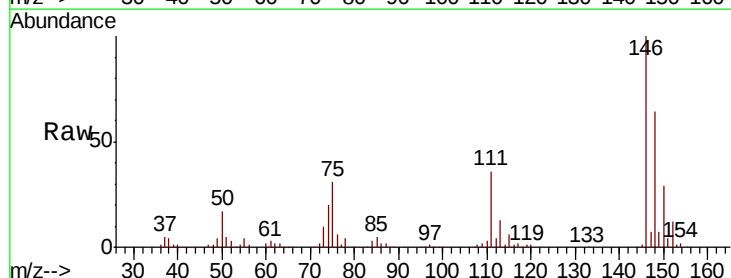
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

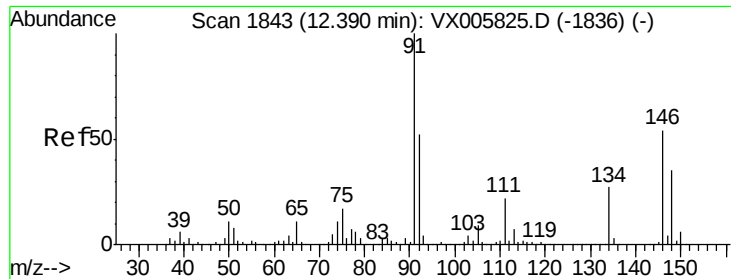
Tot Ion:146 Resp: 41194
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.0 57.0
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.595 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion:146 Resp: 42308
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.6 55.8
 148 64.5 32.1 96.3

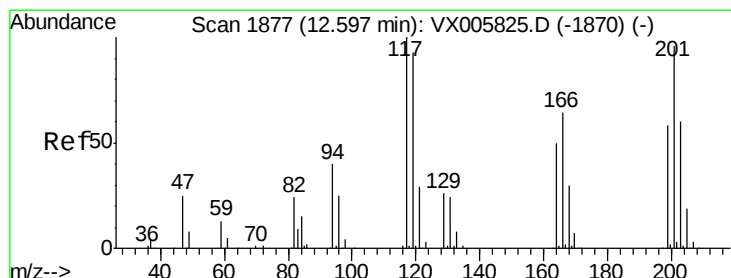
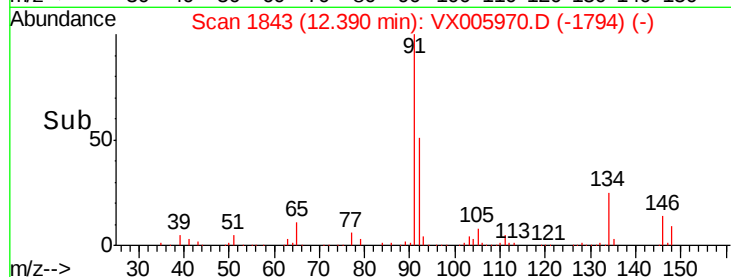
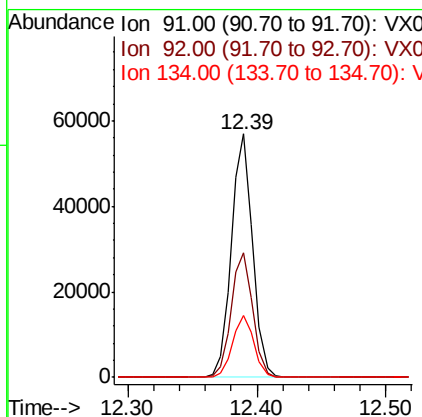
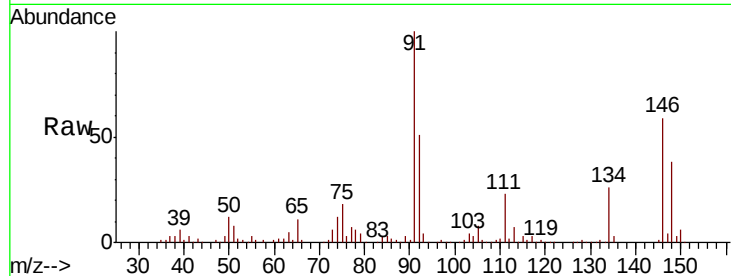




#89
n-Butylbenzene
Concen: 18.582 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

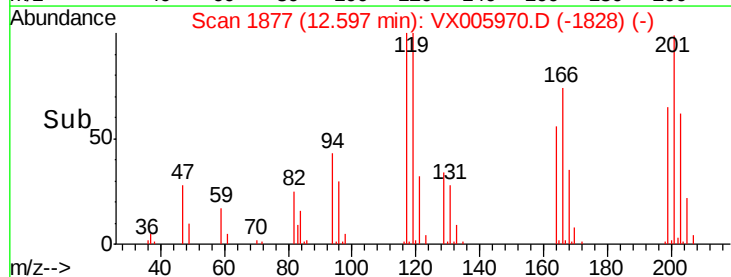
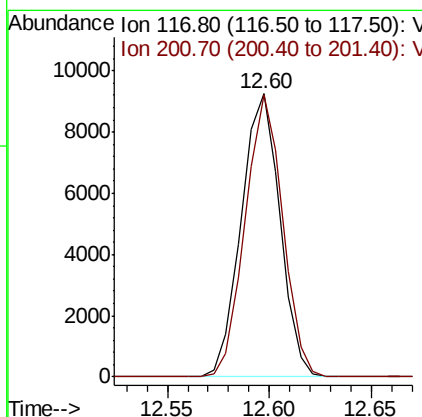
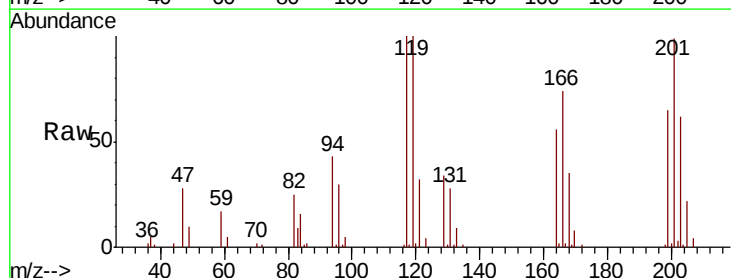
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

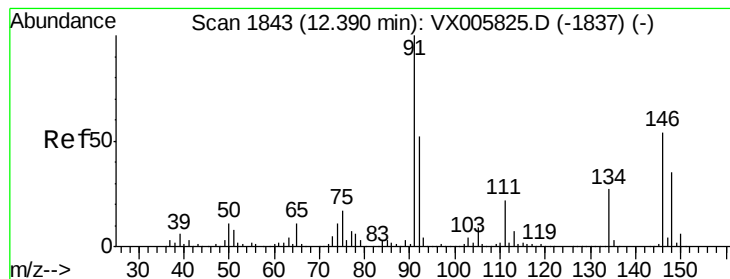
Tot Ion: 91 Resp: 65893
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.2
134 25.6 13.1 39.3



#90
Hexachloroethane
Concen: 19.138 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion: 117 Resp: 12225
Ion Ratio Lower Upper
117 100
201 96.4 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 18.798 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

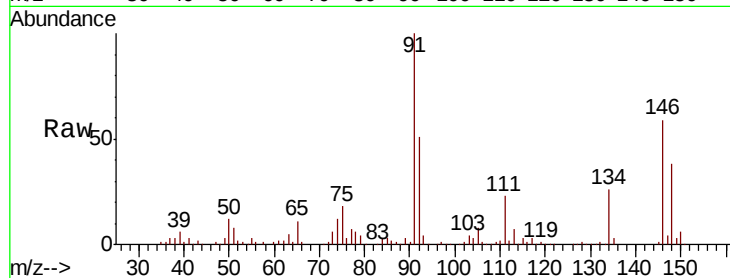
Tot Ion:146 Resp: 41854

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

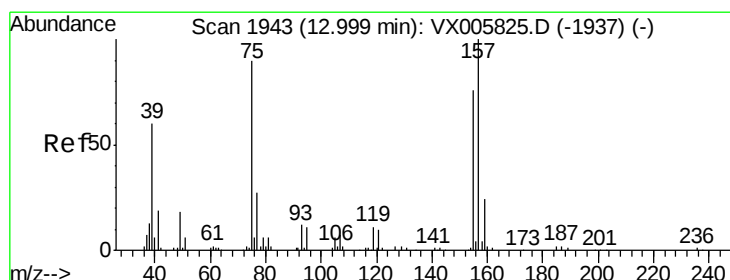
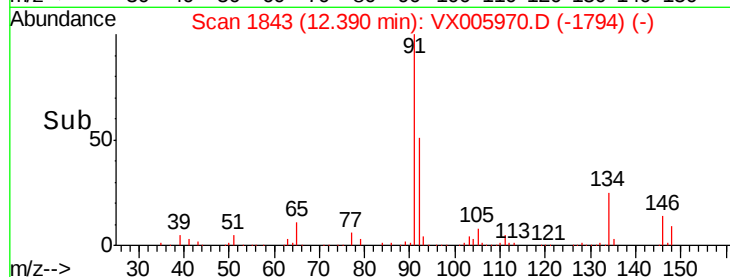
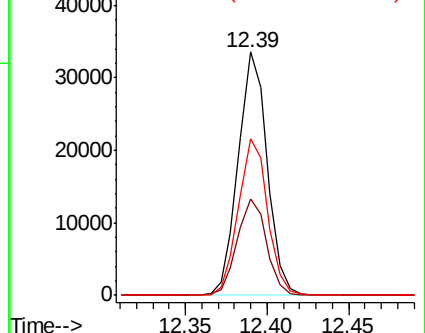
148 64.7 32.2 96.6



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: 19.652 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005970.D

Acq: 14 Nov 2018 13:23

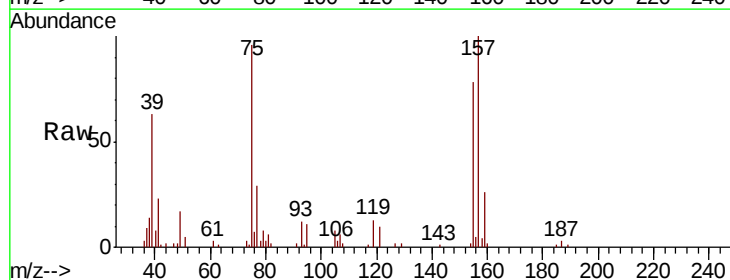
Tgt Ion: 75 Resp: 7232

Ion Ratio Lower Upper

75 100

155 89.3 45.4 136.1

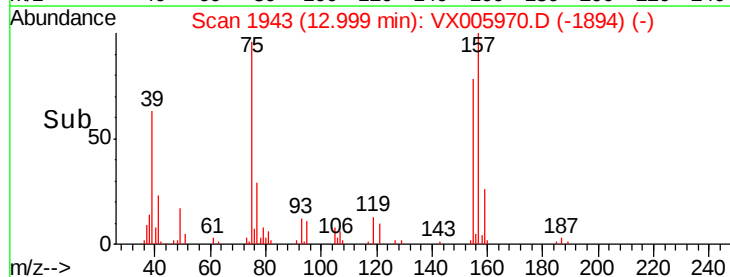
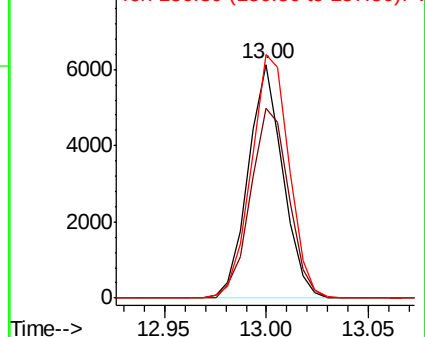
157 114.2 57.4 172.0

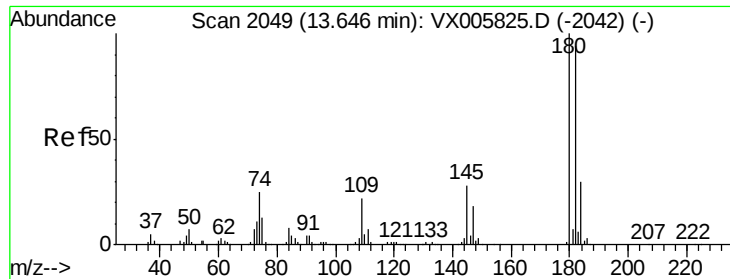


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

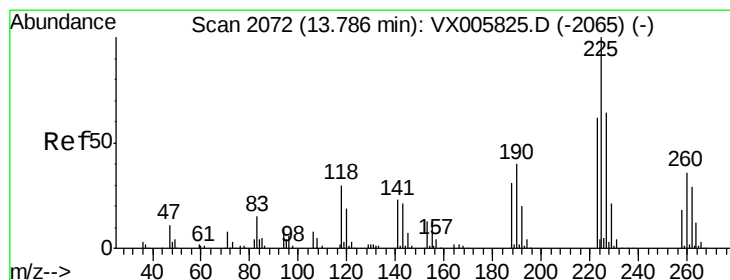
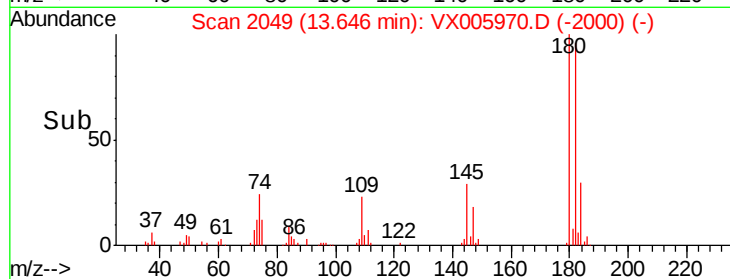
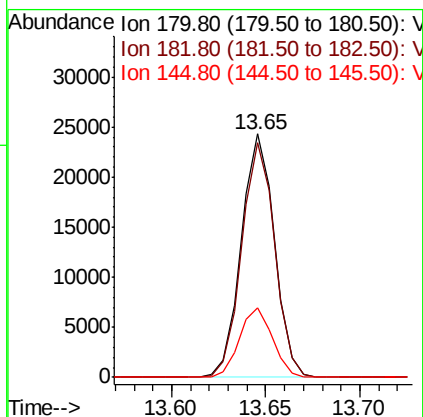
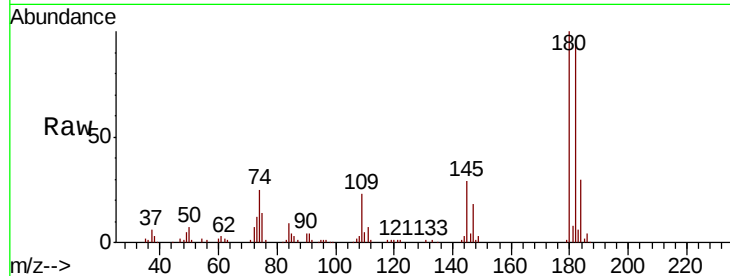




#93
 1,2,4-Trichlorobenzene
 Concen: 18.894 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

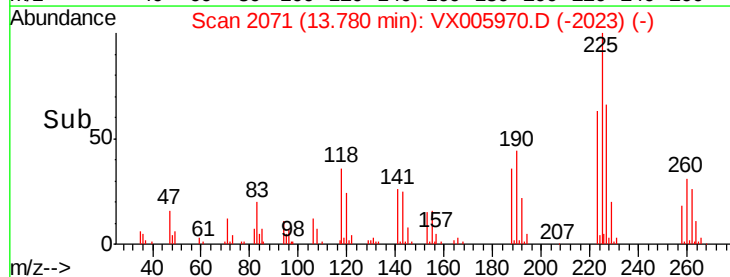
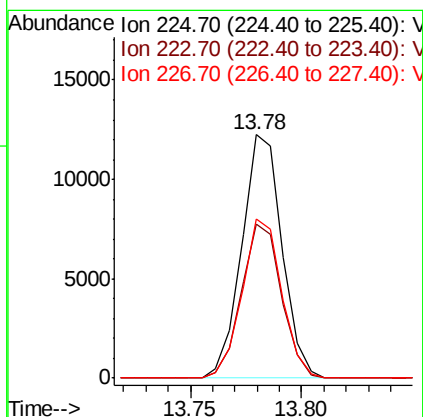
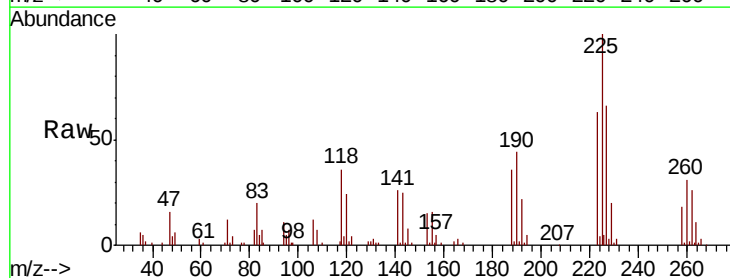
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

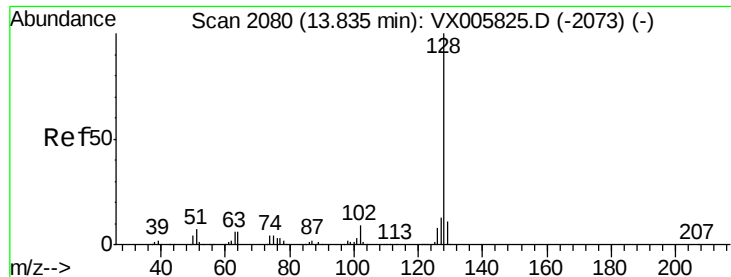
Tot Ion:180 Resp: 29614
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.8
 145 28.6 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 18.716 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005970.D
 Acq: 14 Nov 2018 13:23

Tgt Ion:225 Resp: 15410
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.7 95.1
 227 64.7 32.3 96.9

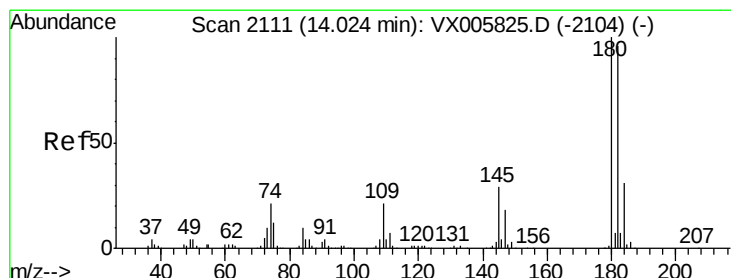
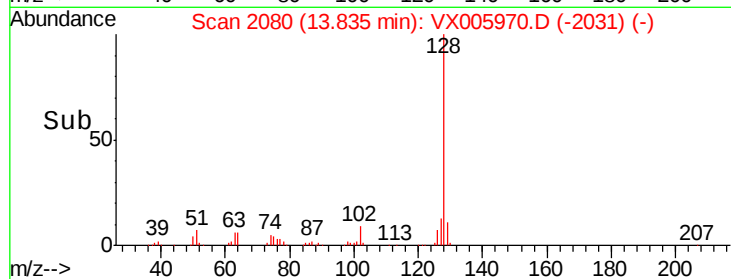
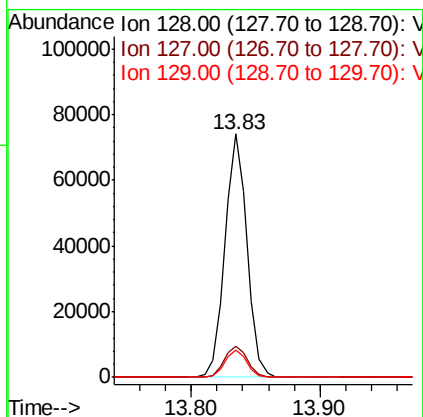
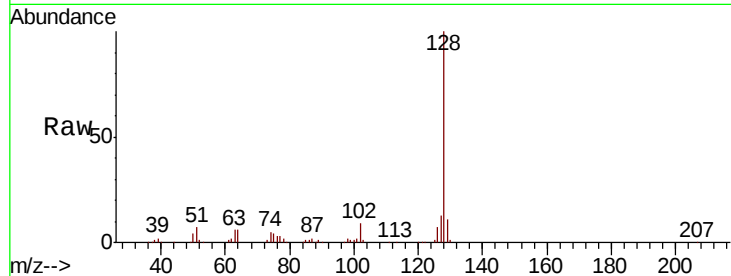




#95
Naphthalene
Concen: 18.233 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tot Ion:128 Resp: 89283
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.315 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005970.D
Acq: 14 Nov 2018 13:23

Tgt Ion:180 Resp: 30843
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.2
145 30.4 15.1 45.3

