

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007770.D
 Acq On : 21 Dec 2018 01:45
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 03:59:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	47368	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	42949	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	10.32	98	165783	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.62	95	64501	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26790	38.006	ug/l	96
3) Chloromethane	2.22	50	23648	54.635	ug/l	99
4) Vinyl Chloride	2.37	62	30180	54.775	ug/l	100
5) Bromomethane	2.78	94	21473	55.954	ug/l	98
6) Chloroethane	2.93	64	18170	61.641	ug/l	96
7) Trichlorofluoromethane	3.26	101	23327	40.666	ug/l	96
8) Diethyl Ether	3.68	74	18214	51.840	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35547	42.077	ug/l	100
10) Methyl Iodide	4.27	142	61577	45.833	ug/l	96
11) Tert butyl alcohol	5.17	59	15160	258.595	ug/l	99
12) 1,1-Dichloroethene	4.03	96	34289	43.832	ug/l	94
13) Acrolein	3.89	56	10452	222.982	ug/l	98
14) Allyl chloride	4.67	41	50537	49.263	ug/l	94
15) Acrylonitrile	5.37	53	38225	255.046	ug/l	99
16) Acetone	4.12	43	34556	212.340	ug/l	98
17) Carbon Disulfide	4.38	76	102429	42.311	ug/l	99
18) Methyl Acetate	4.67	43	21806	56.342	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	64401	57.343	ug/l	96
20) Methylene Chloride	4.91	84	40737	50.063	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	39239	45.607	ug/l	97
22) Diisopropyl ether	6.31	45	103131	53.689	ug/l	97
23) Vinyl Acetate	6.25	43	290336	254.398	ug/l	97
24) 1,1-Dichloroethane	6.21	63	67568	47.814	ug/l	99
25) 2-Butanone	7.17	43	46650	244.735	ug/l	97
26) 2,2-Dichloropropane	7.17	77	43978	42.529	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	43663	47.634	ug/l	98
28) Bromochloromethane	7.51	49	26292	54.569	ug/l	94
29) Tetrahydrofuran	7.53	42	30615	269.264	ug/l	99
30) Chloroform	7.68	83	74091	46.329	ug/l	100
31) Cyclohexane	7.95	56	55438	42.853	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	62968	43.233	ug/l	99
36) 1,1-Dichloropropene	8.08	75	54431	42.418	ug/l	100
37) Ethyl Acetate	7.26	43	22003	49.684	ug/l	99
38) Carbon Tetrachloride	8.07	117	56867	37.630	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68626	43.038	ug/l	99
40) Benzene	8.32	78	154635	45.159	ug/l	99
41) Methacrylonitrile	7.48	41	14297	56.862	ug/l	88
42) 1,2-Dichloroethane	8.40	62	50239	43.780	ug/l	99
43) Isopropyl Acetate	8.43	43	44211	49.830	ug/l	98
44) Trichloroethene	9.09	130	44874	43.334	ug/l	97
45) 1,2-Dichloropropane	9.37	63	36383	47.885	ug/l	97
46) Dibromomethane	9.46	93	20715	44.290	ug/l	99
47) Bromodichloromethane	9.65	83	53508	43.517	ug/l	98
48) Methyl methacrylate	9.44	41	22383	50.541	ug/l	98
49) 1,4-Dioxane	9.45	88	7207	971.894	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	105563	251.755	ug/l	98
52) Toluene	10.39	92	106105	46.184	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	55963	45.758	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	62089	45.960	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30330	47.039	ug/l	97
56) Ethyl methacrylate	10.65	69	38695	50.793	ug/l	96
57) 1,3-Dichloropropane	10.93	76	50423	47.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99014	284.665	ug/l	99
59) 2-Hexanone	10.97	43	73919	250.669	ug/l	99
60) Dibromochloromethane	11.13	129	35538	41.626	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30332	46.453	ug/l	100
64) Tetrachloroethene	10.86	164	39131	45.963	ug/l	99
65) Chlorobenzene	11.66	112	115972	44.567	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	40528	43.587	ug/l	97
67) Ethyl Benzene	11.73	91	209849	46.995	ug/l	95
68) m/p-Xylenes	11.84	106	160317	92.552	ug/l	98
69) o-Xylene	12.17	106	77100	47.484	ug/l	99
70) Styrene	12.18	104	125470	47.009	ug/l	99
71) Bromoform	12.35	173	19545	40.492	ug/l #	99
73) Isopropylbenzene	12.47	105	213479	46.726	ug/l	99
74) N-amyl acetate	12.27	43	41446	52.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	32947	48.097	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44646	95.569	ug/l #	100
77) Bromobenzene	12.75	156	47940	45.786	ug/l	96
78) n-propylbenzene	12.81	91	244316	45.939	ug/l	99
79) 2-Chlorotoluene	12.90	91	146297	47.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	187675	47.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10173	45.710	ug/l	95
82) 4-Chlorotoluene	12.99	91	154945	46.970	ug/l	99
83) tert-Butylbenzene	13.21	119	162787	47.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192706	48.461	ug/l	99
85) sec-Butylbenzene	13.39	105	219999	46.165	ug/l	100
86) p-Isopropyltoluene	13.51	119	201666	46.538	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	96417	46.379	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96002	46.166	ug/l	99
89) n-Butylbenzene	13.83	91	182799	46.009	ug/l	100
90) Hexachloroethane	14.10	117	29526	38.811	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	86204	46.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6083	43.241	ug/l	95

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QLast Update : Thu Dec 20 06:30:23 2018
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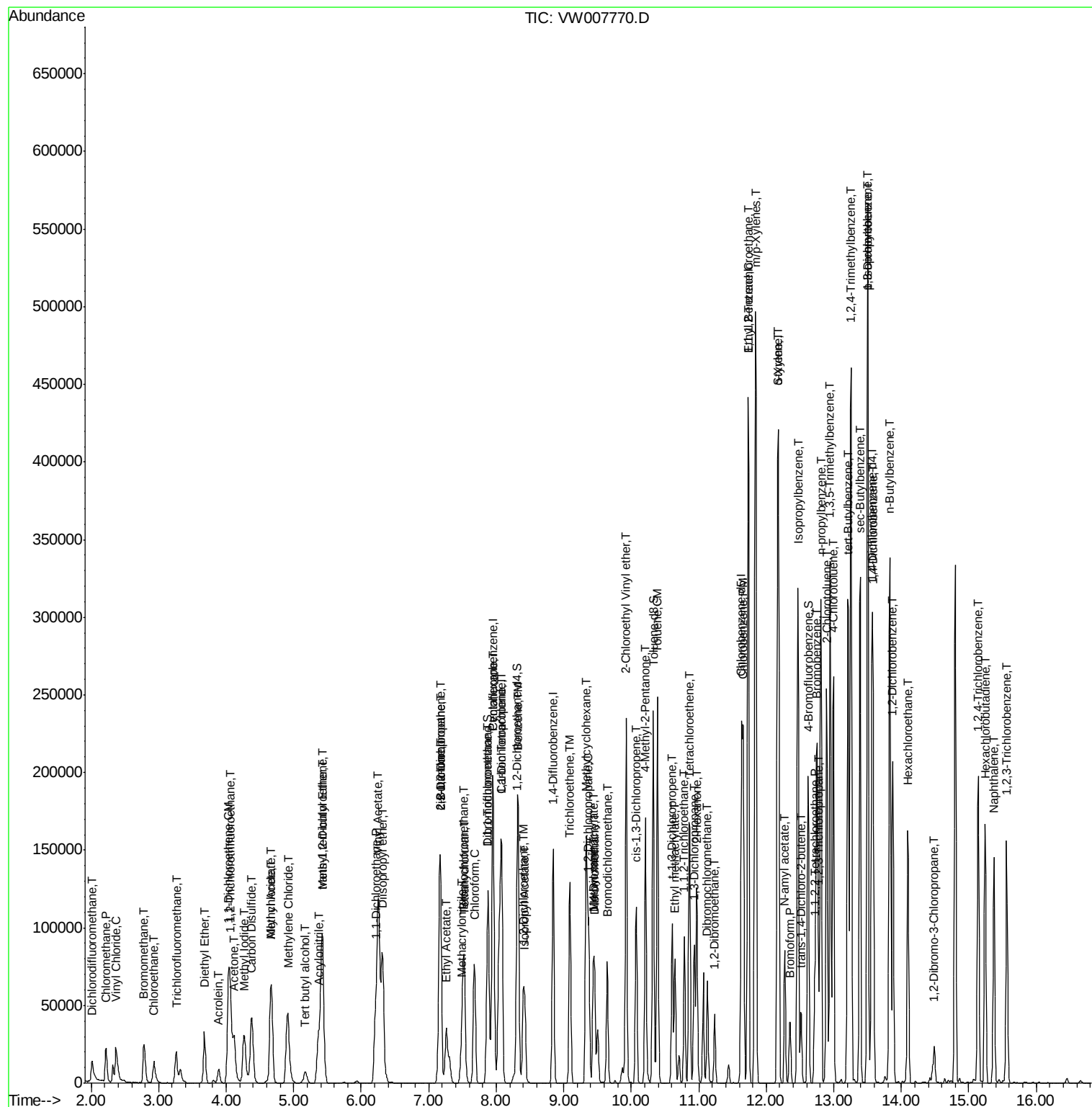
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62188	48.132	ug/l	98
94) Hexachlorobutadiene	15.24	225	31241	45.245	ug/l	100
95) Naphthalene	15.37	128	127758	53.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	53078	47.992	ug/l	99

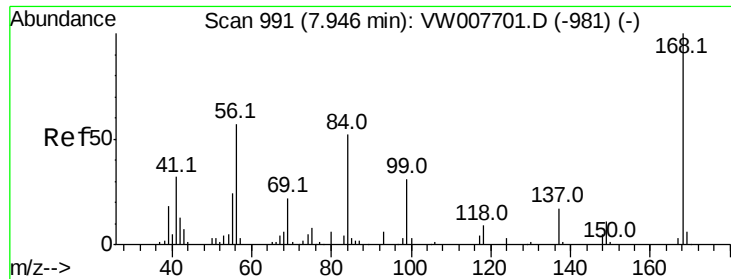
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

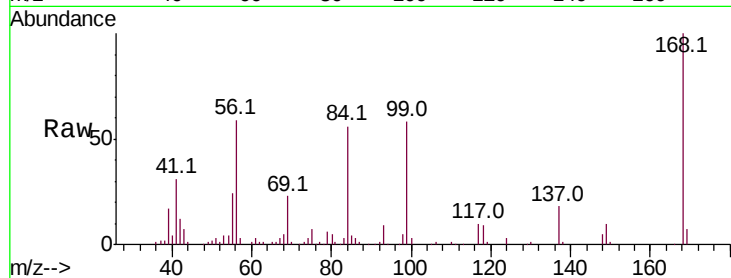
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 79290

Ion Ratio Lower Upper

168 100

99 58.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

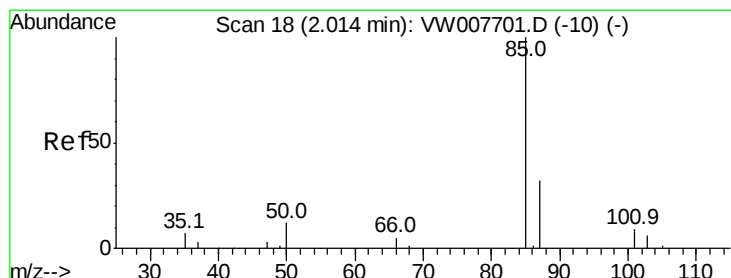
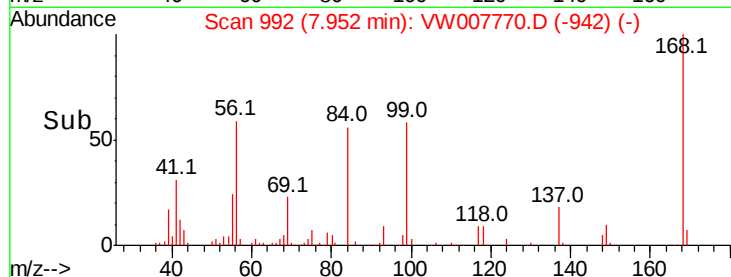
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 38.006 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007770.D

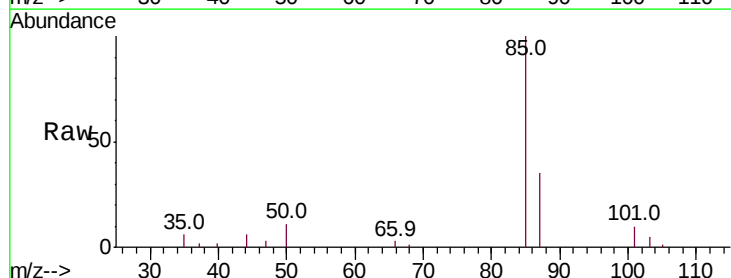
Acq: 21 Dec 2018 01:45

Tgt Ion: 85 Resp: 26790

Ion Ratio Lower Upper

85 100

87 34.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

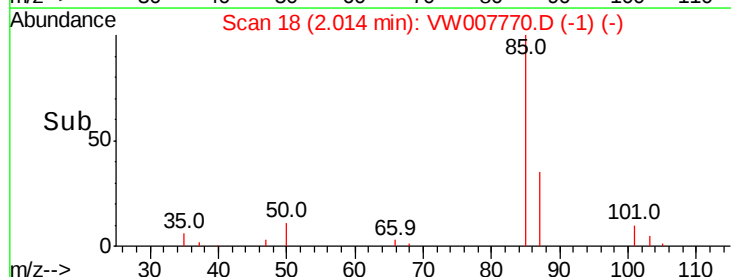
4000

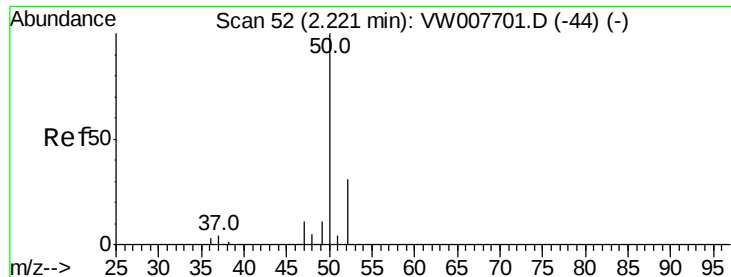
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 54.635 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

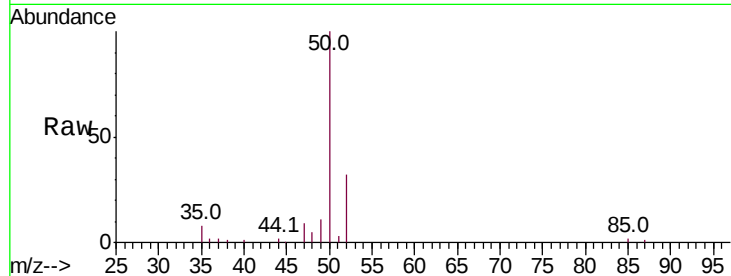
ClientSampled :

Tot Ion: 50 Resp: 23648

Ion Ratio Lower Upper

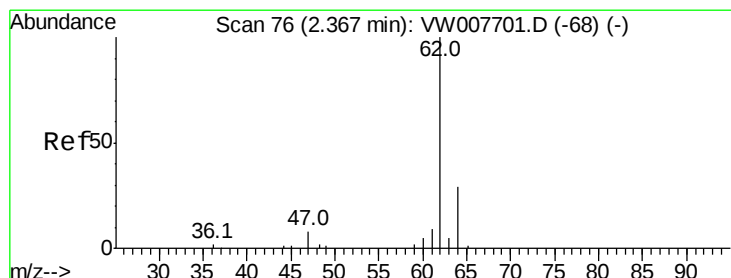
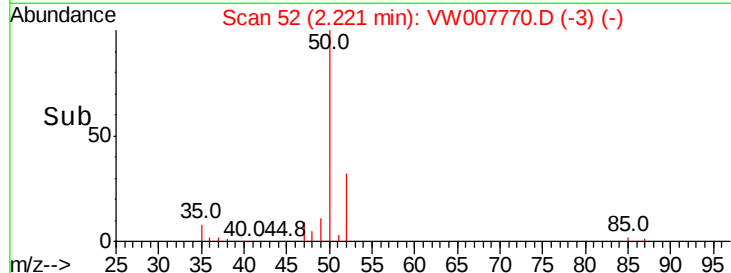
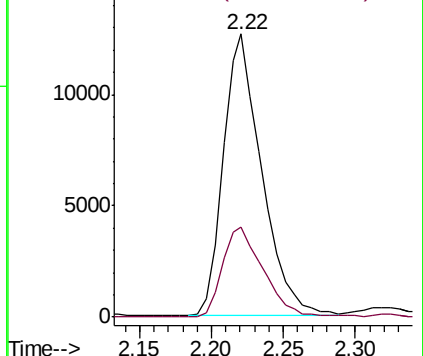
50 100

52 31.8 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 54.775 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007770.D

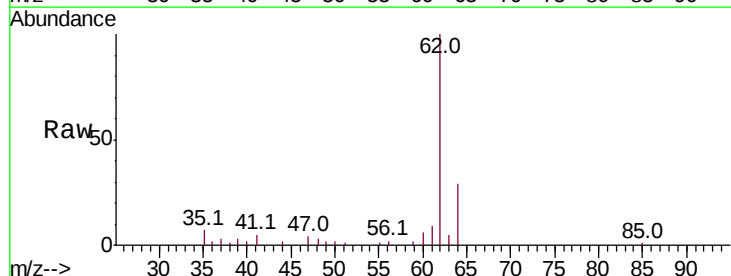
Acq: 21 Dec 2018 01:45

Tgt Ion: 62 Resp: 30180

Ion Ratio Lower Upper

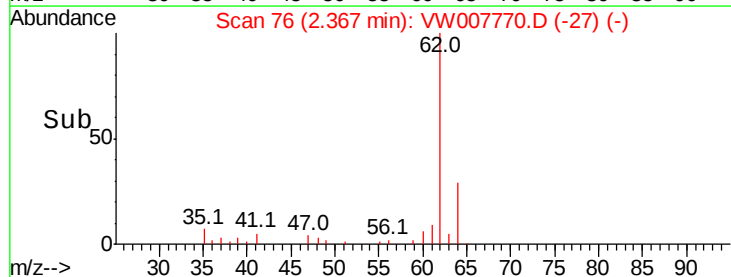
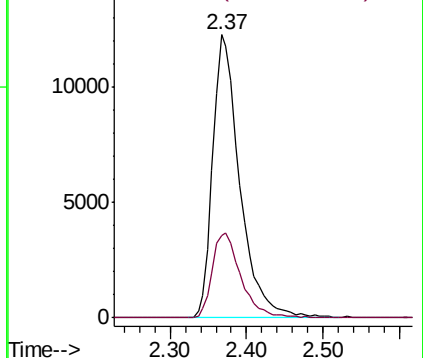
62 100

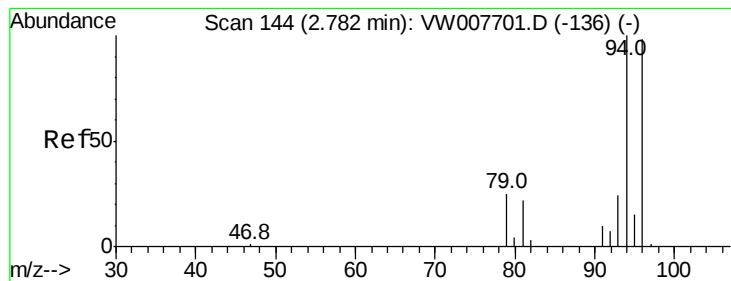
64 29.1 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 55.954 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

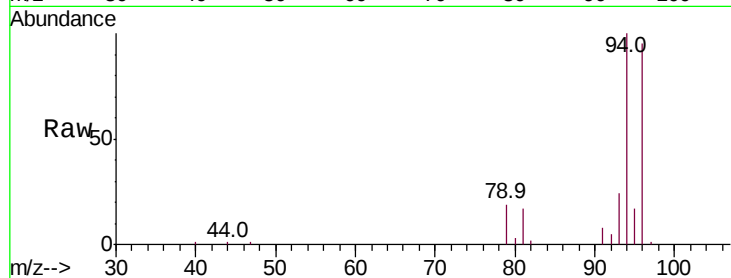
ClientSampleId :

Tot Ion: 94 Resp: 21473

Ion Ratio Lower Upper

94 100

96 95.4 78.2 117.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

8000

6000

4000

2000

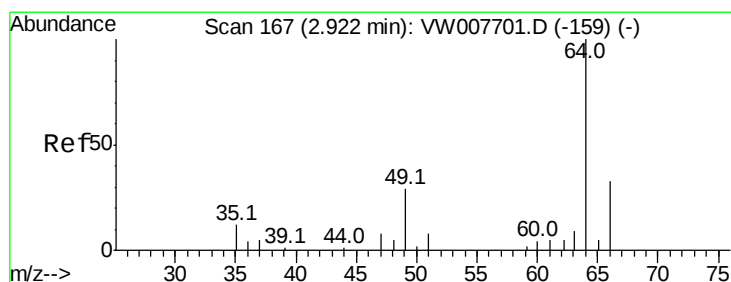
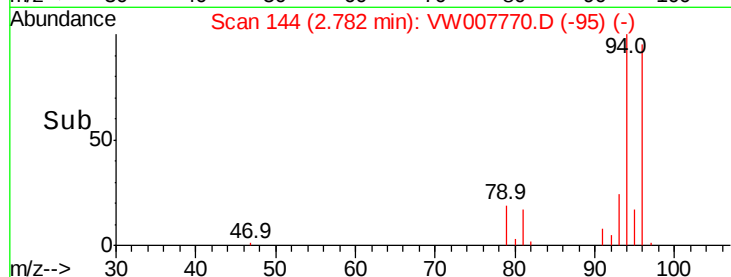
0

Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 61.641 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007770.D

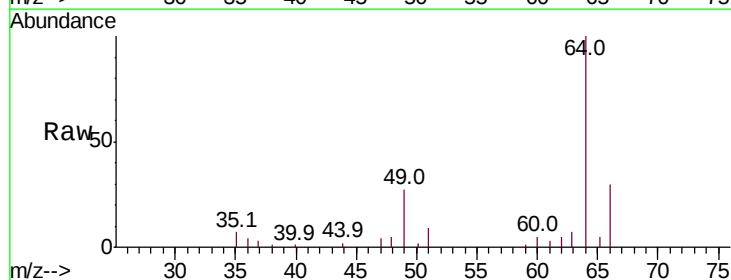
Acq: 21 Dec 2018 01:45

Tgt Ion: 64 Resp: 18170

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

6000

4000

2000

0

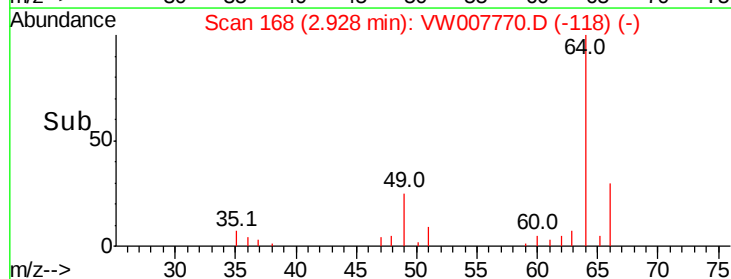
Time-->

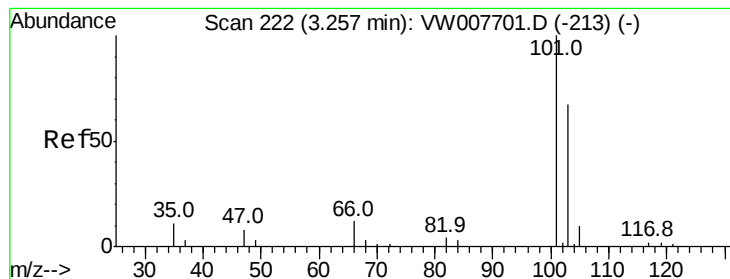
2.80

2.90

3.00

3.10



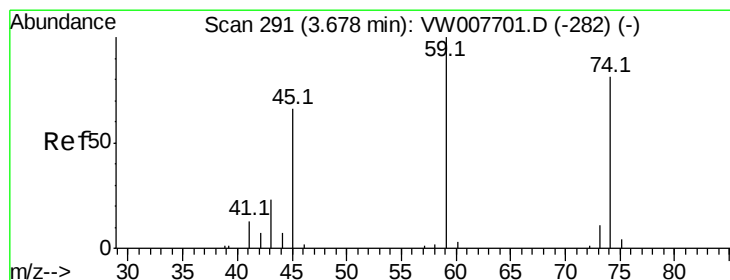
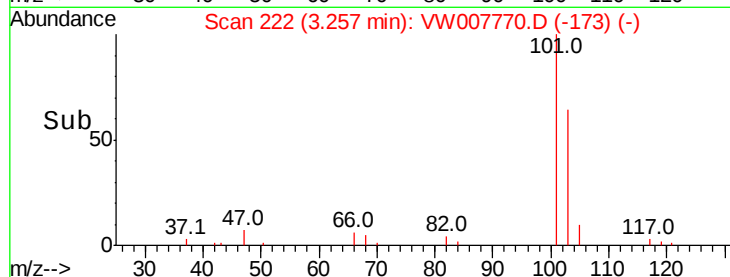
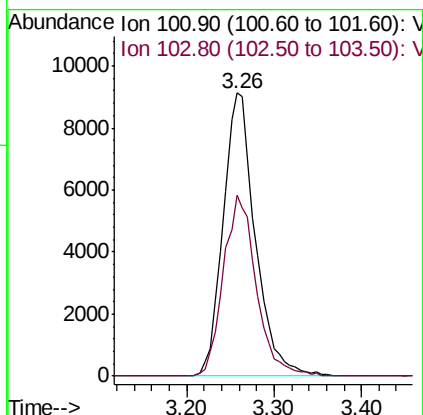
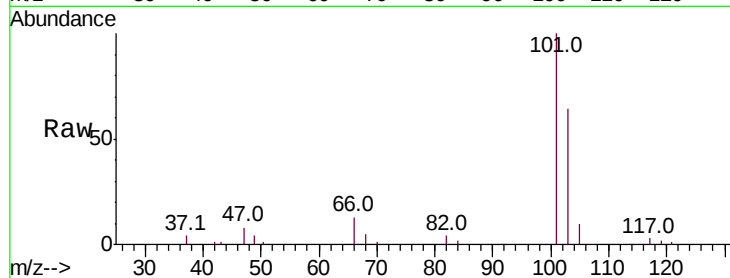


#7

Trichlorofluoromethane
Concen: 40.666 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

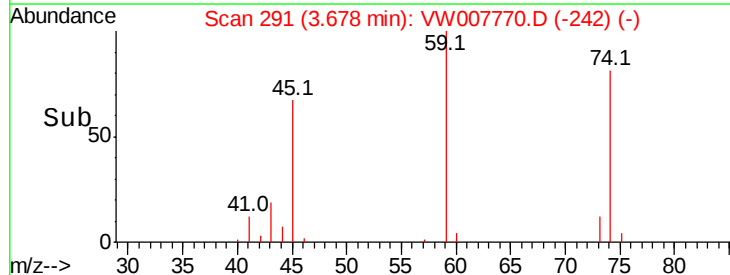
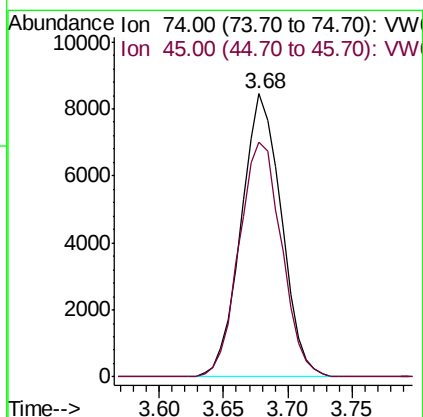
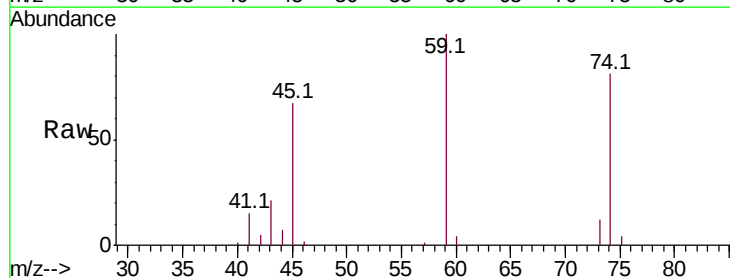
Tot Ion:101 Resp: 23327
Ion Ratio Lower Upper
101 100
103 64.0 53.4 80.2

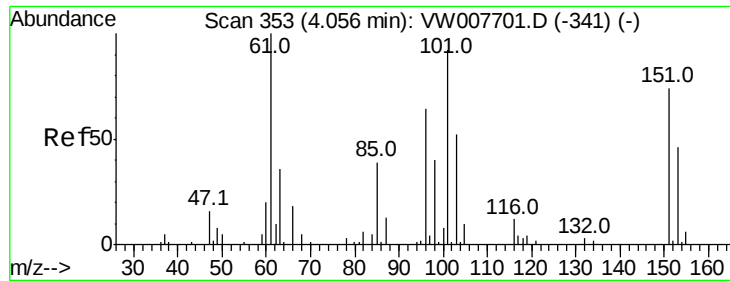


#8

Diethyl Ether
Concen: 51.840 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 74 Resp: 18214
Ion Ratio Lower Upper
74 100
45 87.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.077 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

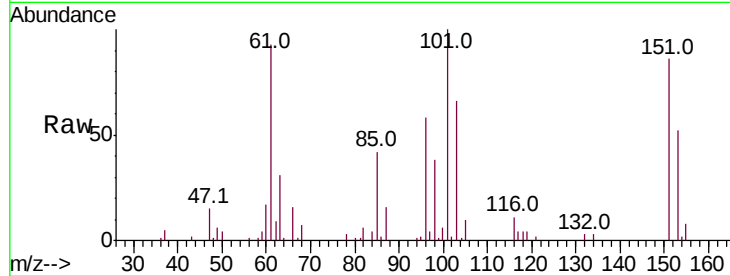
Tot Ion:101 Resp: 35547

Ion Ratio Lower Upper

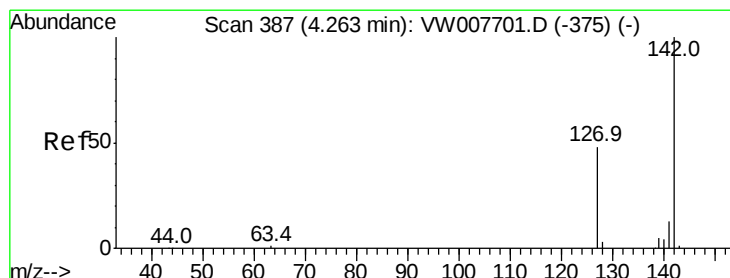
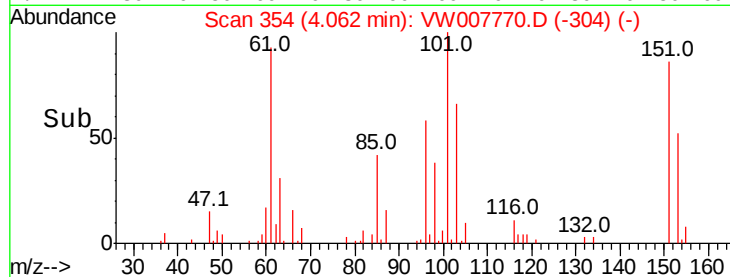
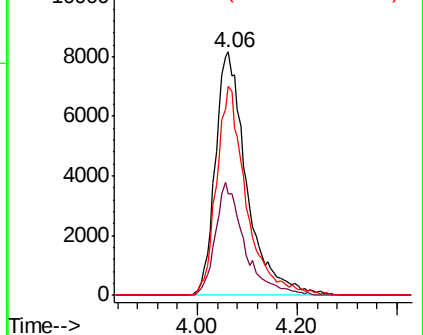
101 100

85 43.1 34.3 51.5

151 81.3 64.6 96.8



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



#10

Methyl Iodide

Concen: 45.833 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

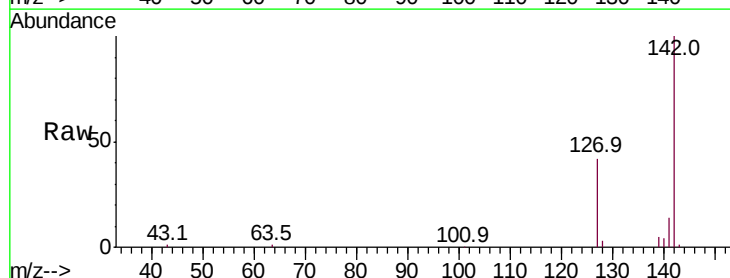
Tgt Ion:142 Resp: 61577

Ion Ratio Lower Upper

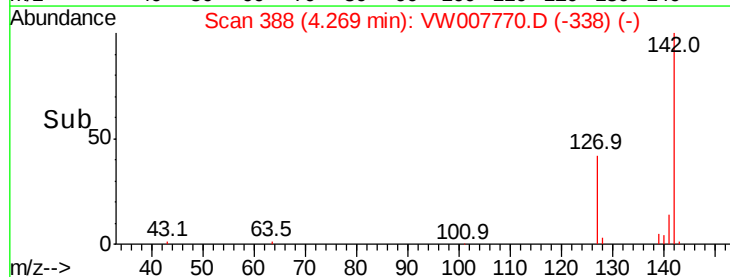
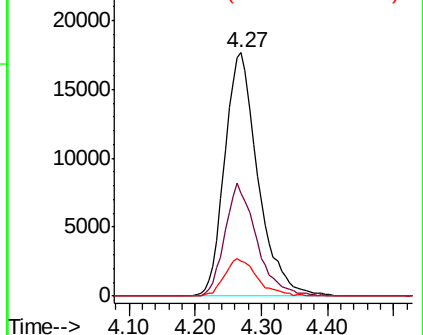
142 100

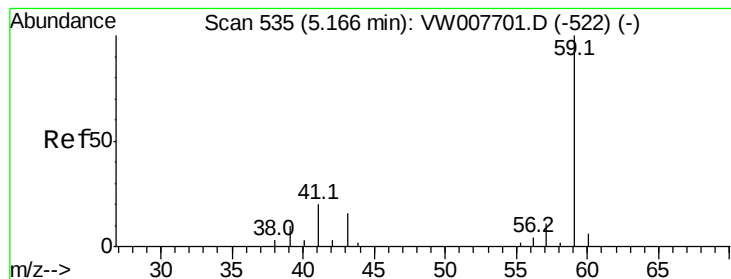
127 44.2 37.7 56.5

141 15.0 11.5 17.3



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



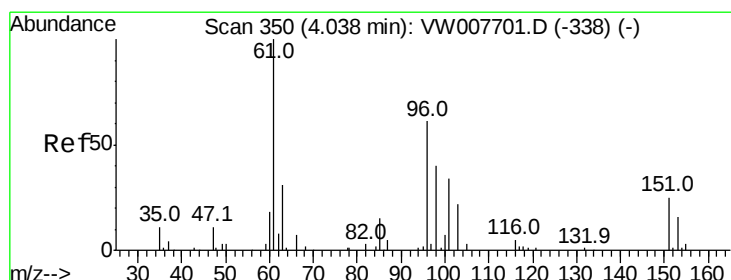
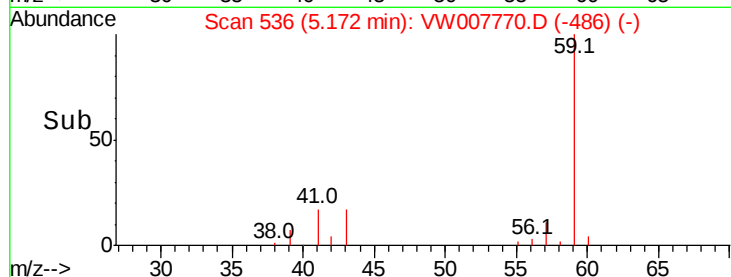
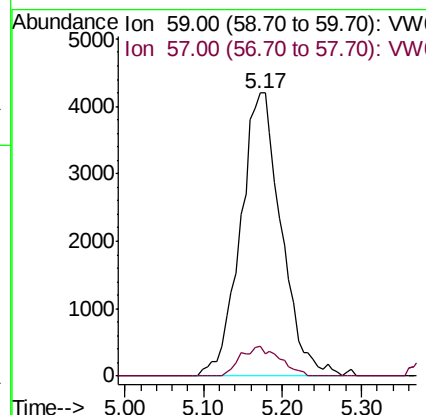
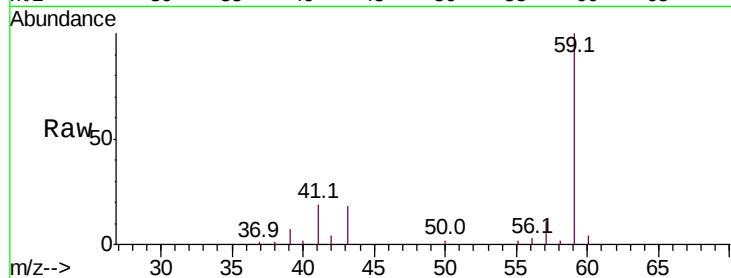


#11

Tert butyl alcohol
Concen: 258.595 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

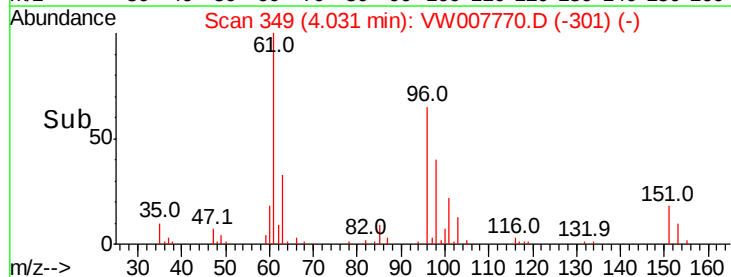
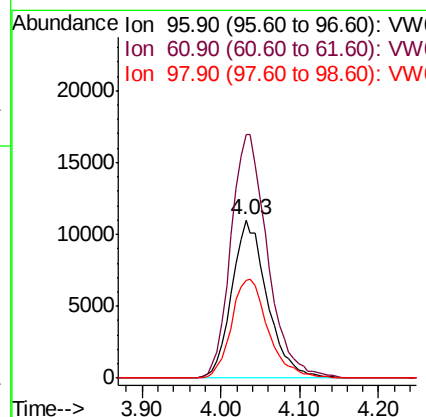
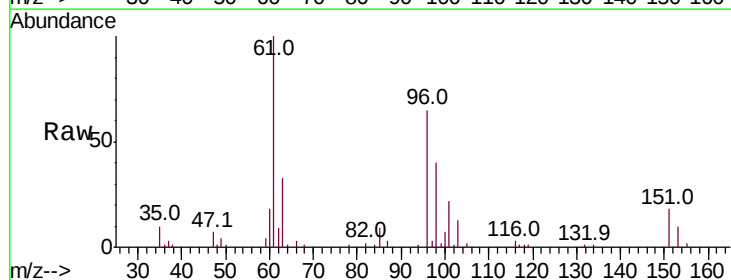
Tot Ion: 59 Resp: 15160
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

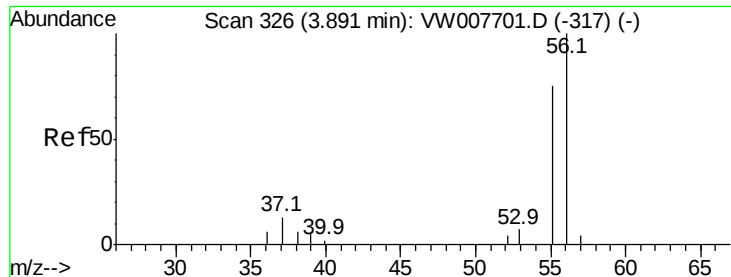


#12

1,1-Dichloroethene
Concen: 43.832 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 96 Resp: 34289
Ion Ratio Lower Upper
96 100
61 153.9 130.6 195.8
98 61.7 52.3 78.5





#13

Acrolein

Concen: 222.982 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

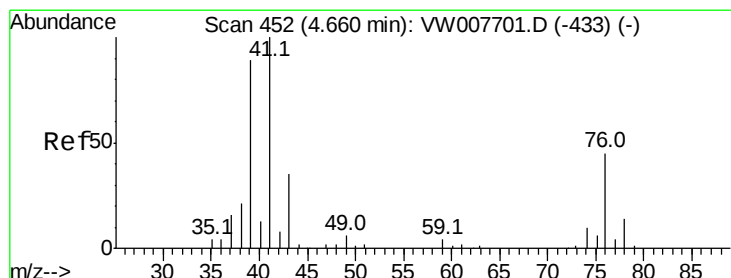
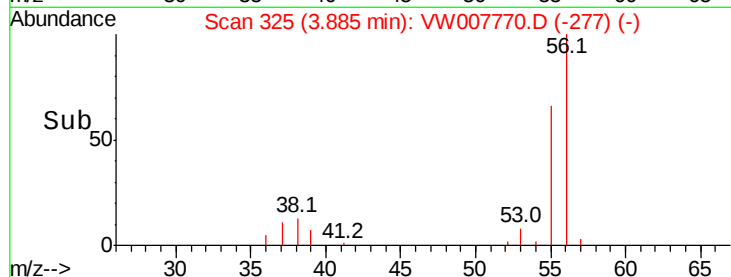
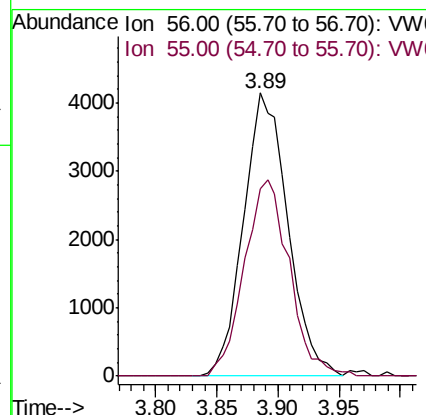
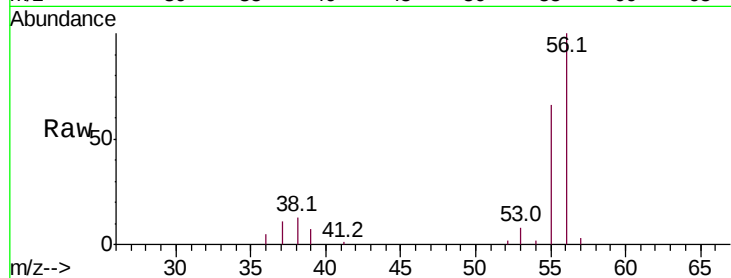
ClientSampleId :

Tot Ion: 56 Resp: 10452

Ion Ratio Lower Upper

56 100

55 70.4 57.7 86.5



#14

Allyl chloride

Concen: 49.263 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

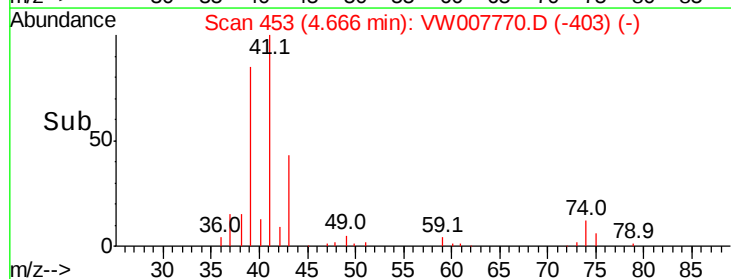
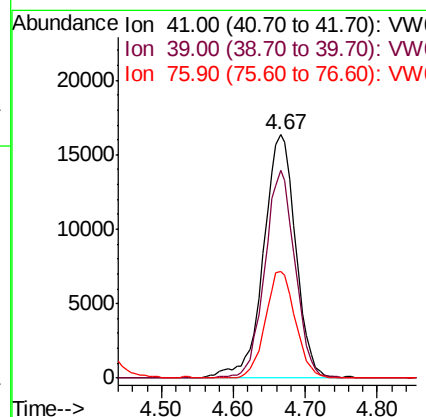
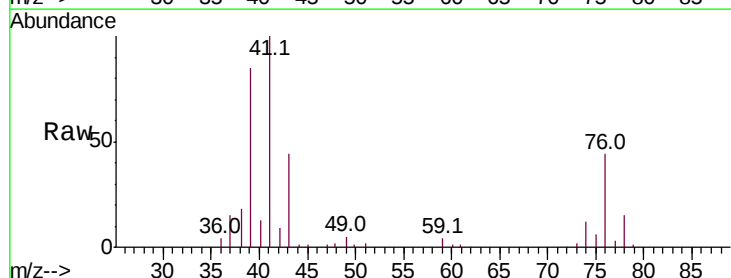
Tgt Ion: 41 Resp: 50537

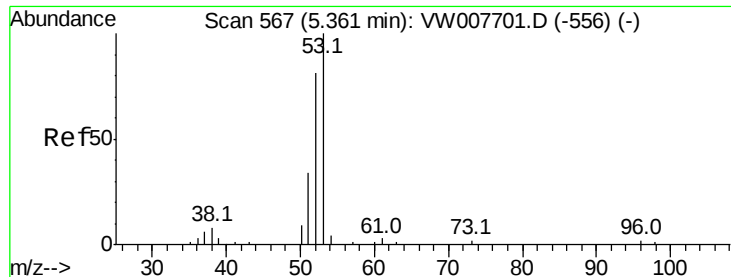
Ion Ratio Lower Upper

41 100

39 80.4 69.5 104.3

76 41.0 34.8 52.2





#15

Acrylonitrile

Concen: 255.046 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :

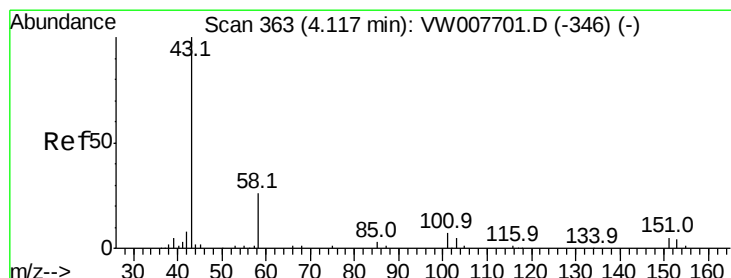
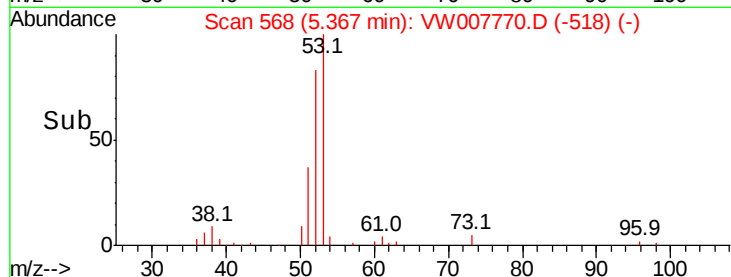
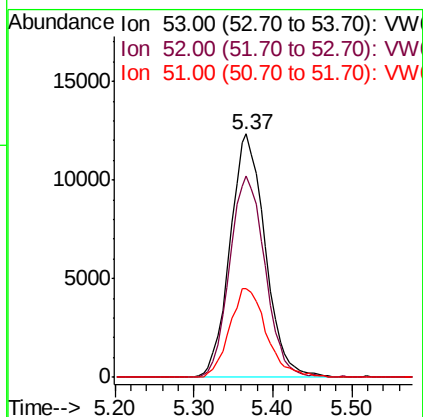
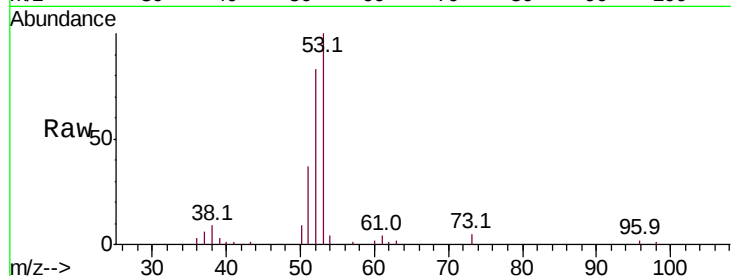
Tot Ion: 53 Resp: 38225

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

51 38.3 30.2 45.2



#16

Acetone

Concen: 212.340 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007770.D

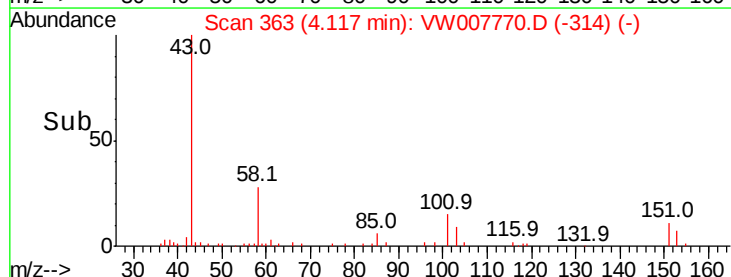
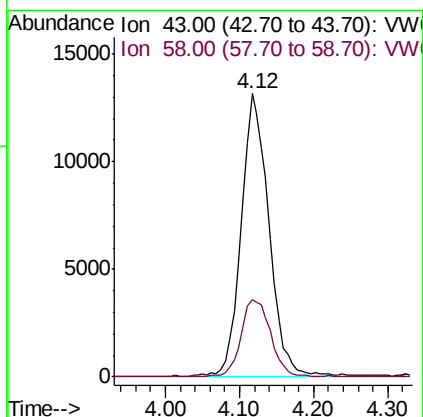
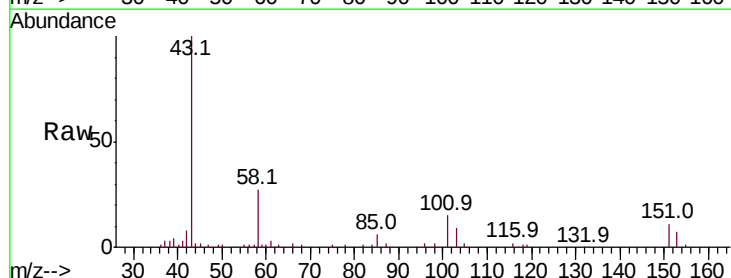
Acq: 21 Dec 2018 01:45

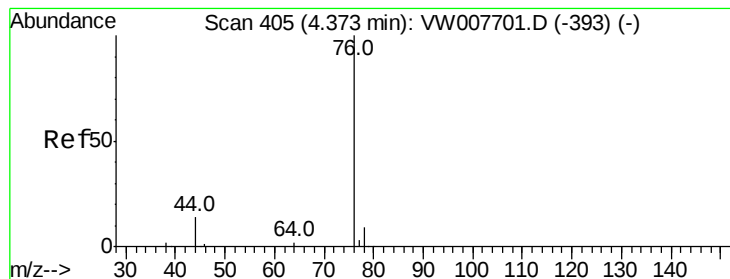
Tgt Ion: 43 Resp: 34556

Ion Ratio Lower Upper

43 100

58 27.3 21.2 31.8





#17

Carbon Disulfide

Concen: 42.311 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

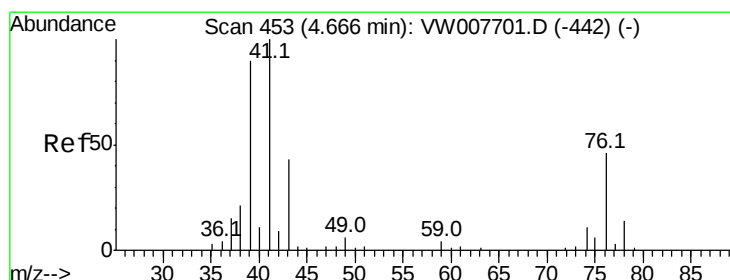
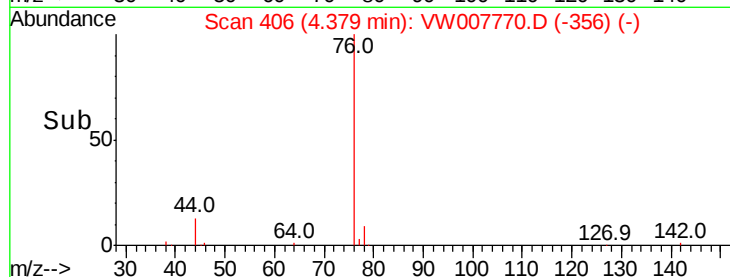
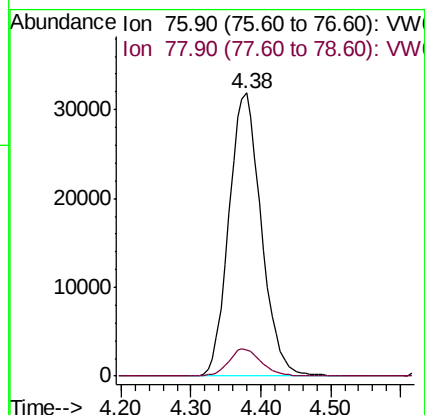
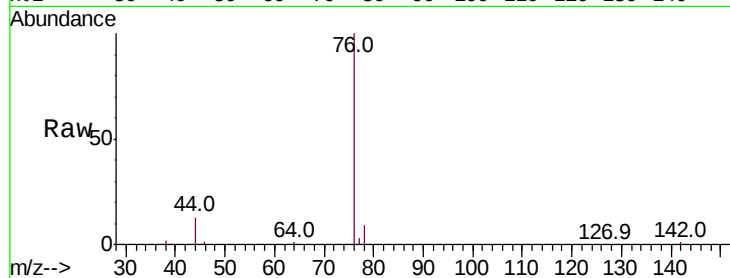
ClientSampleId :

Tot Ion: 76 Resp: 102429

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 56.342 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007770.D

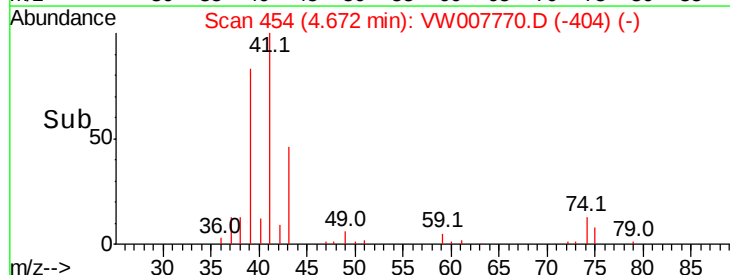
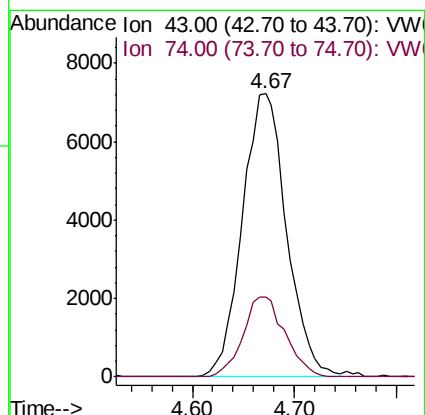
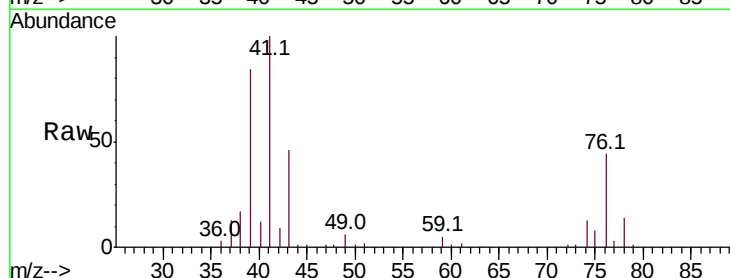
Acq: 21 Dec 2018 01:45

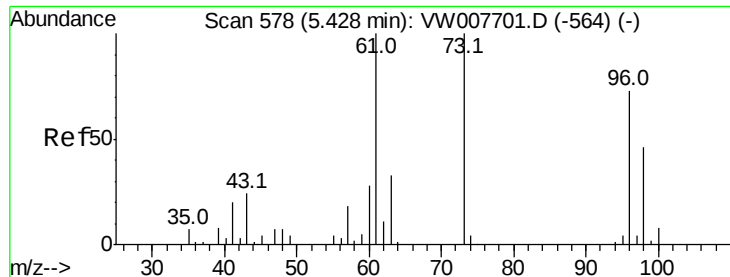
Tgt Ion: 43 Resp: 21806

Ion Ratio Lower Upper

43 100

74 26.9 22.7 34.1

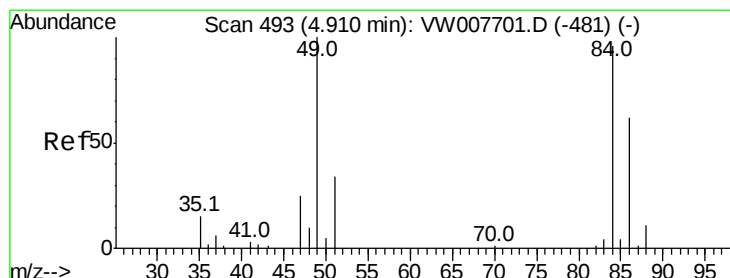
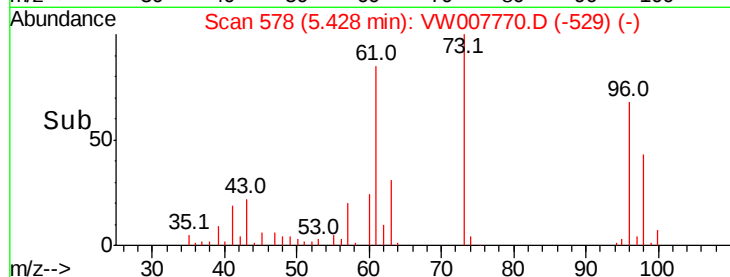
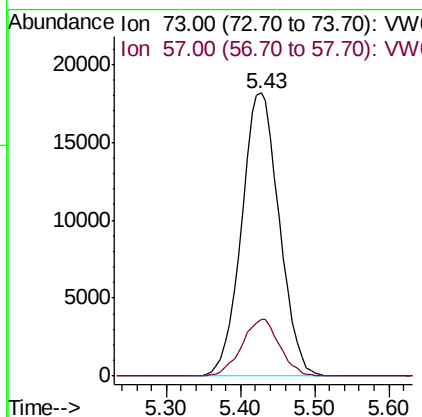
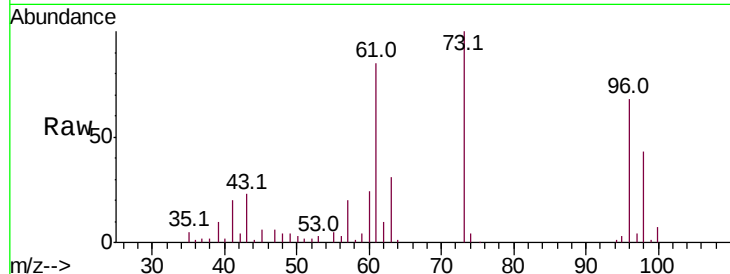




#19
Methvl tert-butvl Ether
Concen: 57.343 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

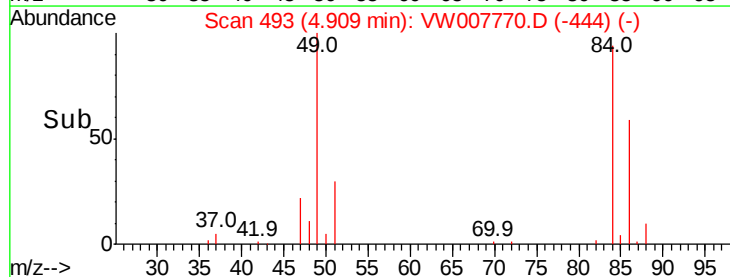
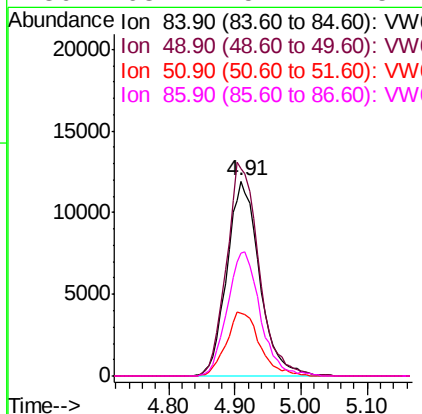
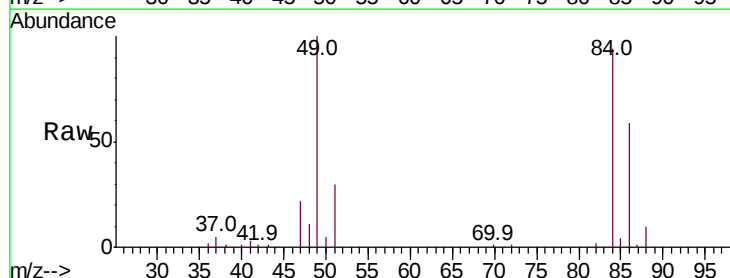
Instrument :
MSVOA_W
ClientSampleId :

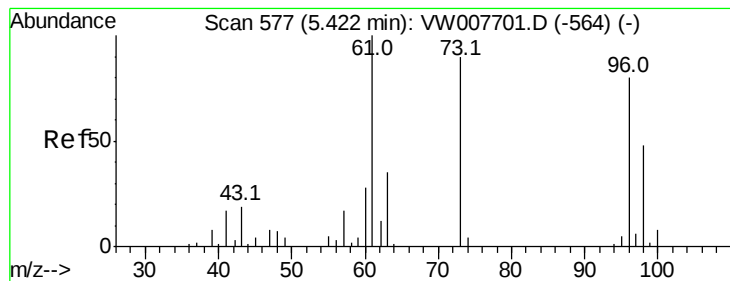
Tot Ion: 73 Resp: 64401
Ion Ratio Lower Upper
73 100
57 20.1 14.7 22.1



#20
Methylene Chloride
Concen: 50.063 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 84 Resp: 40737
Ion Ratio Lower Upper
84 100
49 106.5 83.7 125.5
51 32.1 28.2 42.2
86 63.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 45.607 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

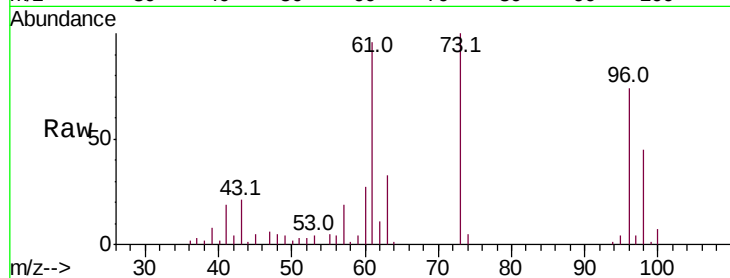
Tot Ion: 96 Resp: 39239

Ion Ratio Lower Upper

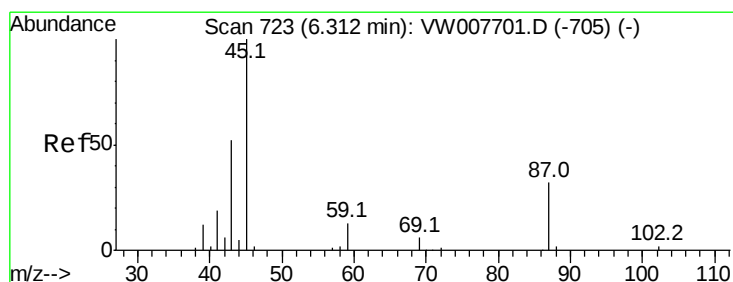
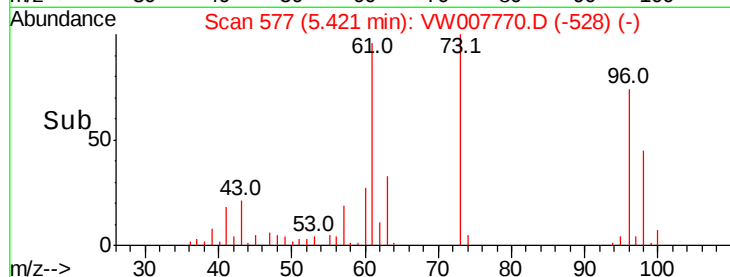
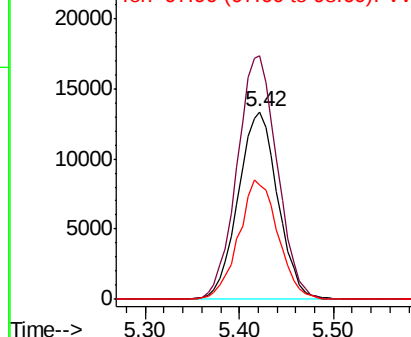
96 100

61 129.8 100.1 150.1

98 60.7 48.5 72.7



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



#22

Diisopropyl ether

Concen: 53.689 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 45 Resp: 103131

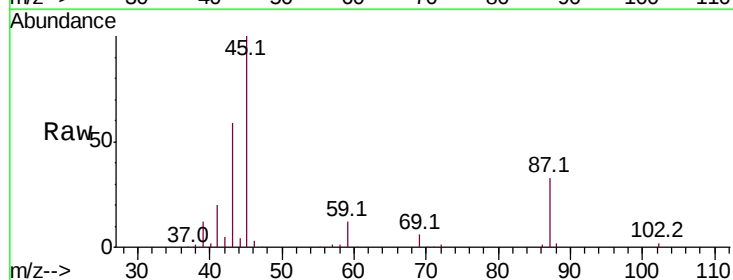
Ion Ratio Lower Upper

45 100

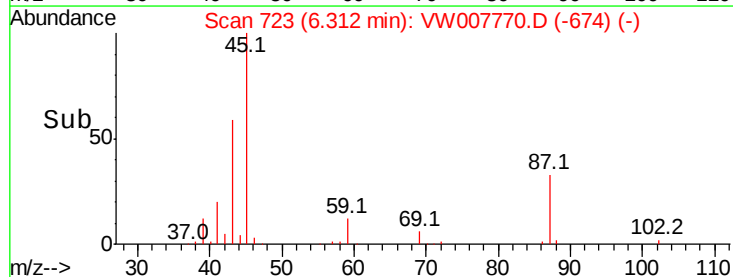
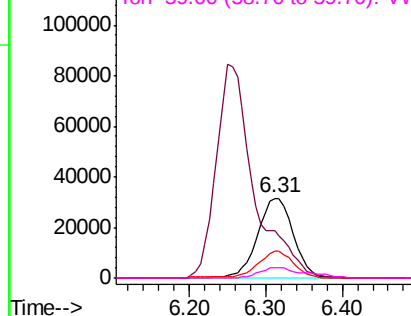
43 58.4 43.7 65.5

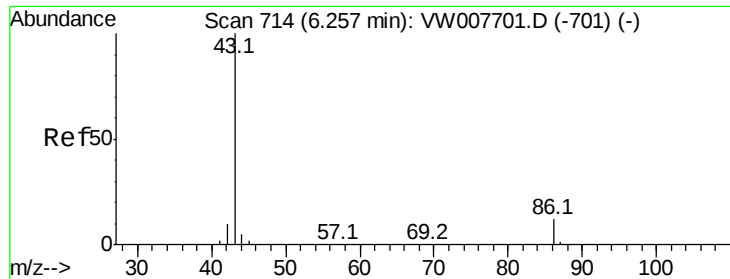
87 33.1 26.6 40.0

59 12.0 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

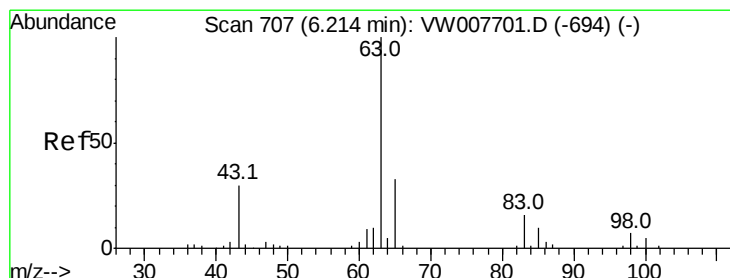
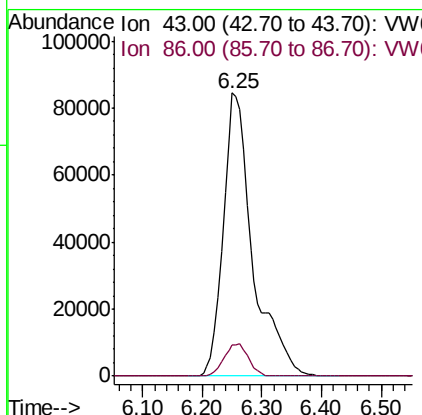
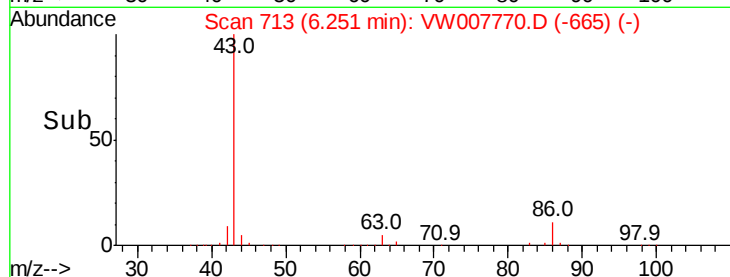
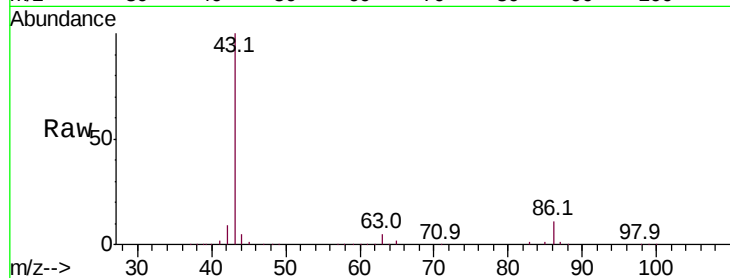




#23
 Vinyl Acetate
 Concen: 254.398 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

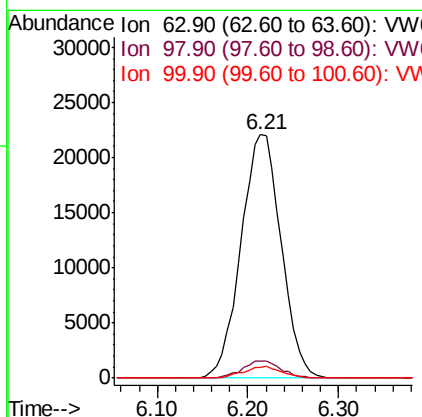
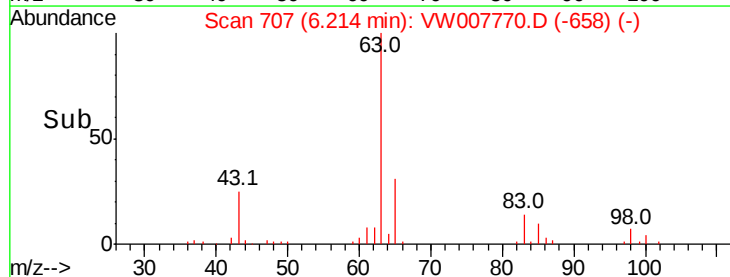
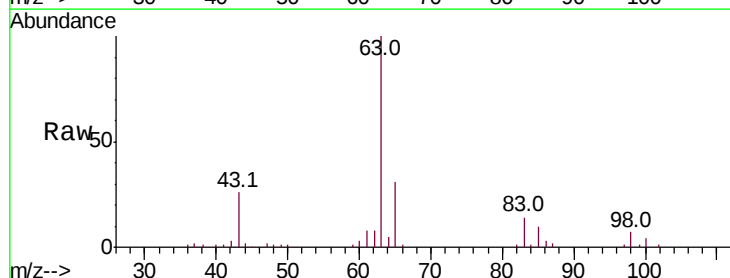
Instrument :
 MSVOA_W
 ClientSampleId :

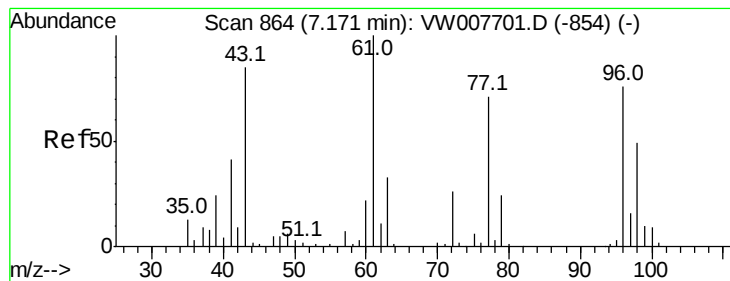
Tot Ion: 43 Resp: 290336
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 47.814 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 63 Resp: 67568
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 244.735 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

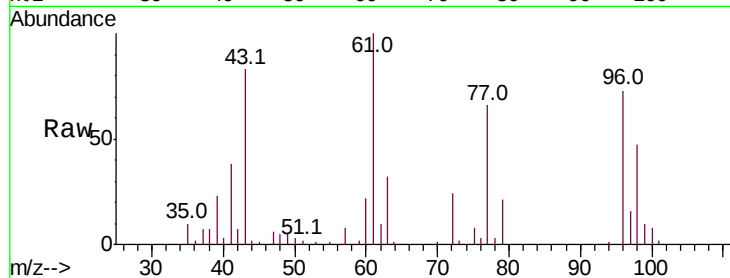
ClientSampled :

Tot Ion: 43 Resp: 46650

Ion Ratio Lower Upper

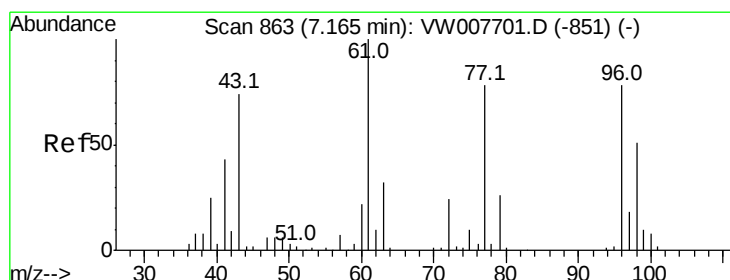
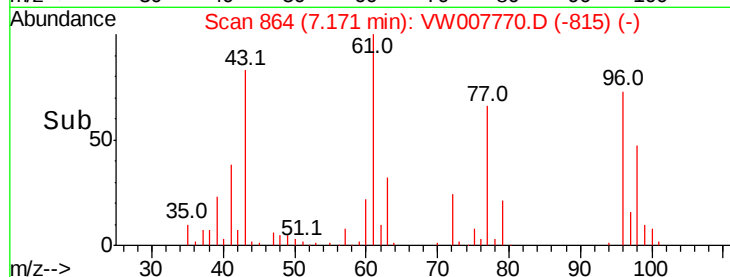
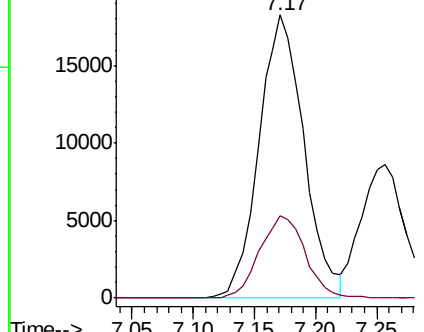
43 100

72 29.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 42.529 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007770.D

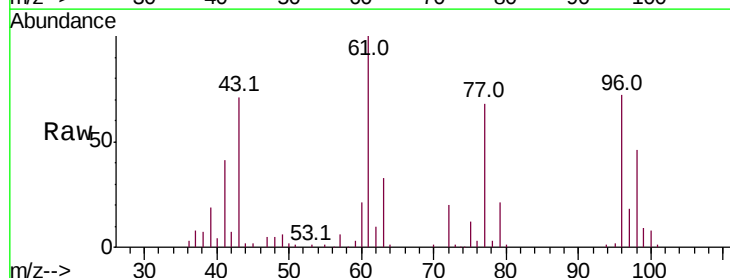
Acq: 21 Dec 2018 01:45

Tgt Ion: 77 Resp: 43978

Ion Ratio Lower Upper

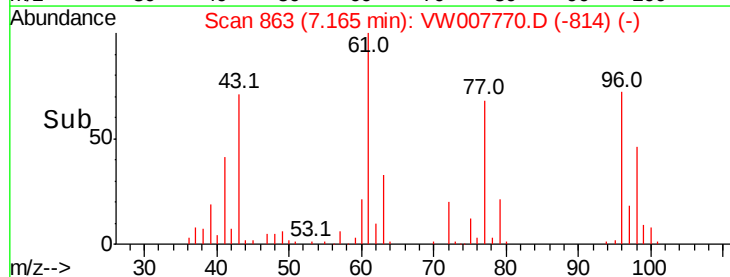
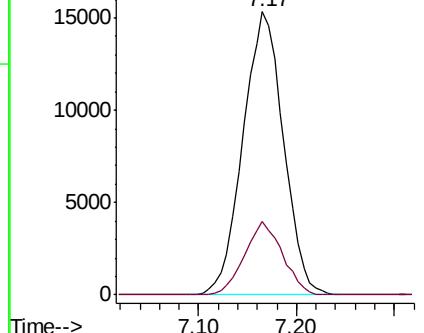
77 100

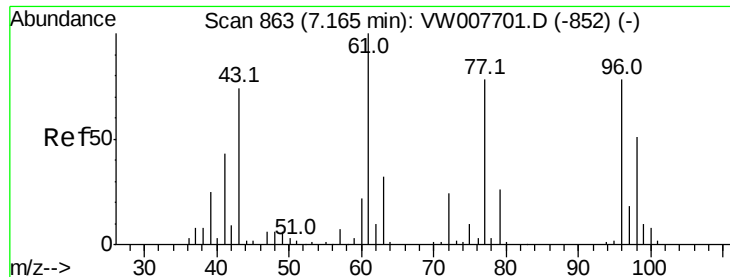
97 24.1 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



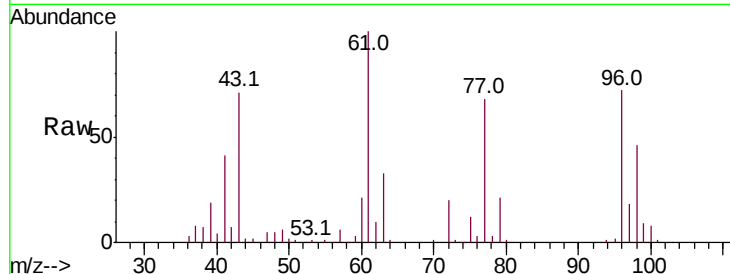


#27

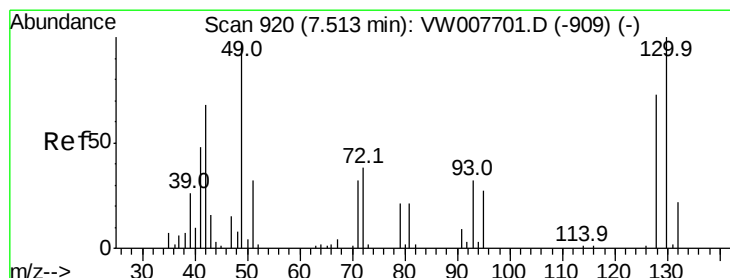
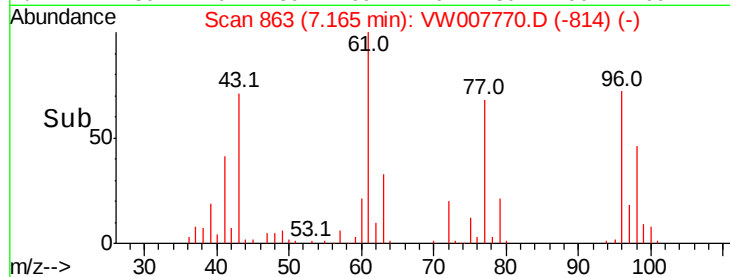
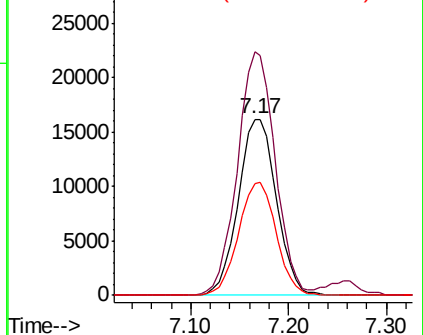
cis-1,2-Dichloroethene
Concen: 47.634 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 43663
Ion Ratio Lower Upper
96 100
61 137.5 0.0 271.6
98 63.5 0.0 131.2



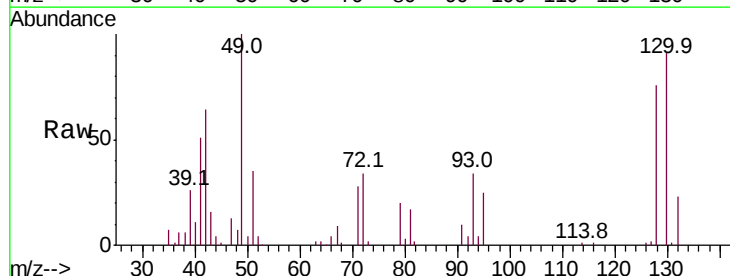
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



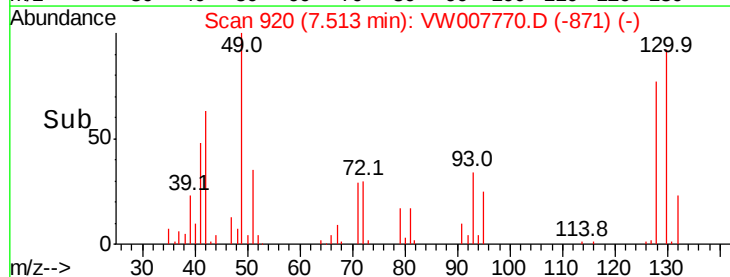
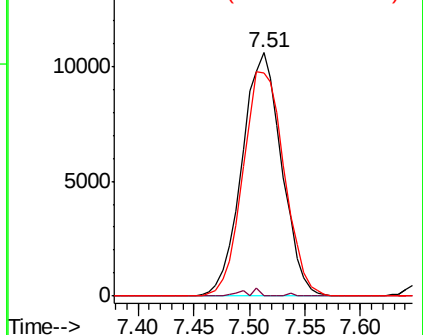
#28

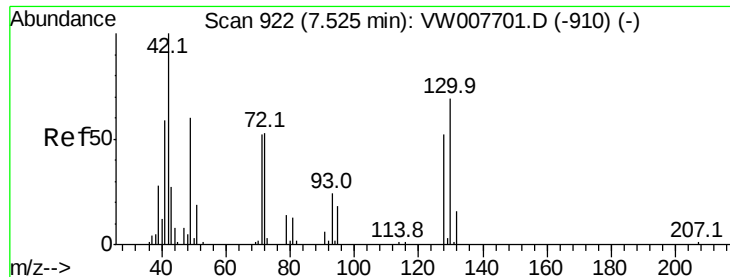
Bromochloromethane
Concen: 54.569 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 49 Resp: 26292
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.2
130 96.0 81.5 122.3



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

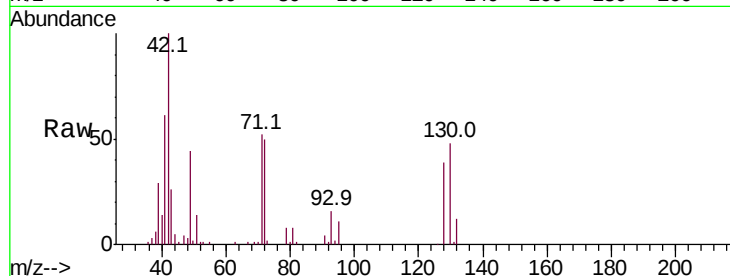




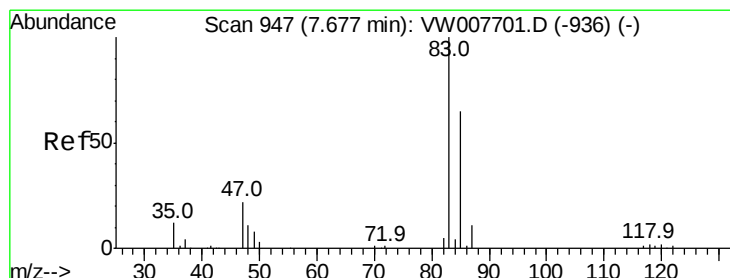
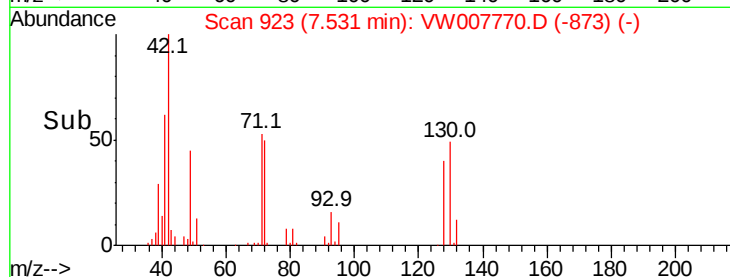
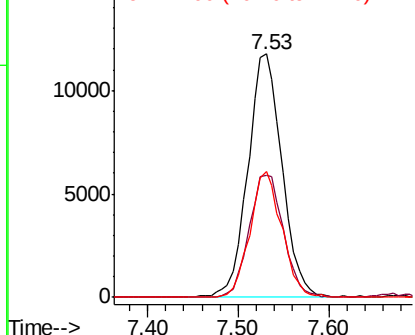
#29
Tetrahydrofuran
Concen: 269.264 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 30615
Ion Ratio Lower Upper
42 100
72 50.5 41.7 62.5
71 48.4 39.0 58.6

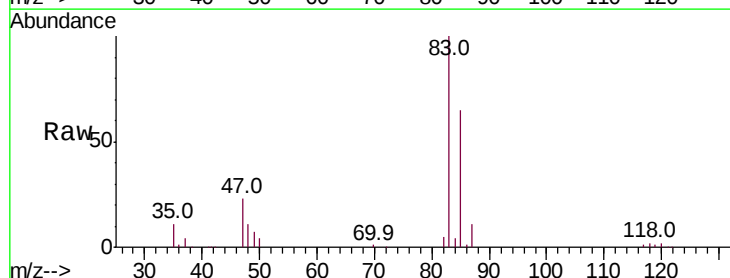


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

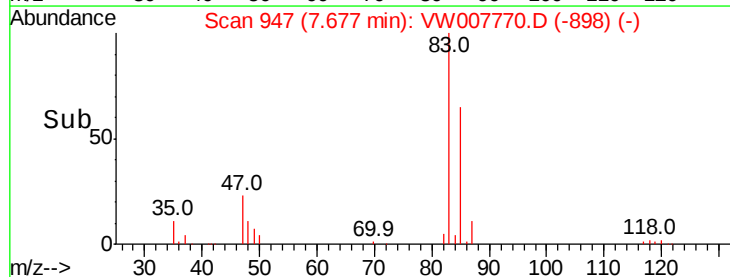
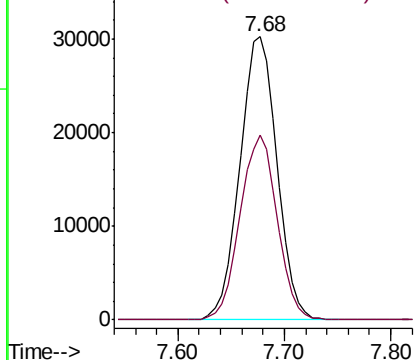


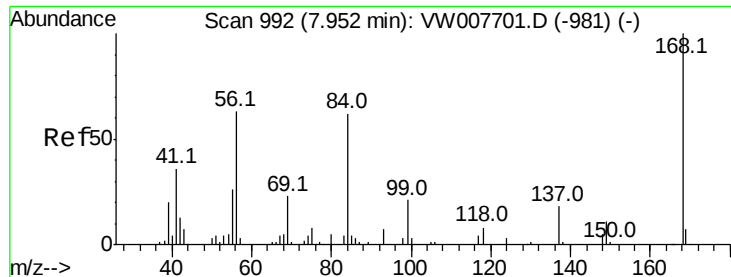
#30
Chloroform
Concen: 46.329 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 83 Resp: 74091
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

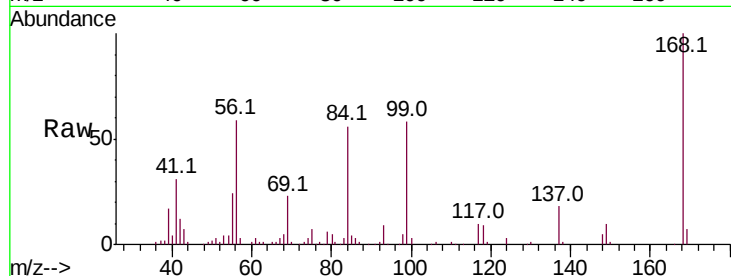




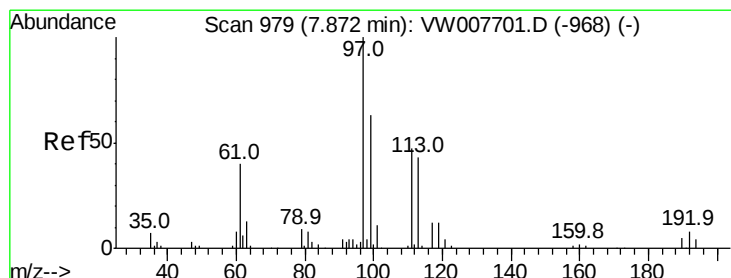
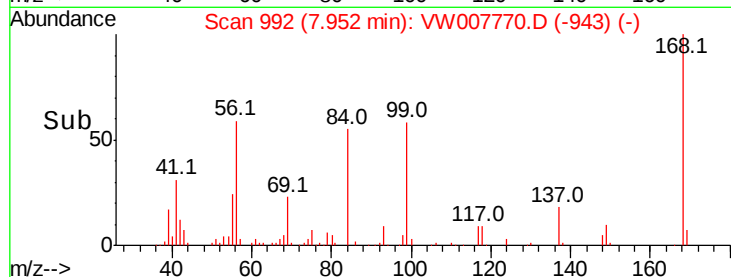
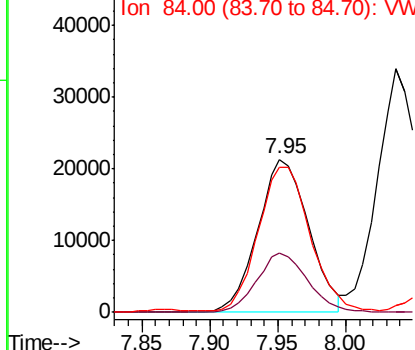
#31
Cyclohexane
Concen: 42.853 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 55438
Ion Ratio Lower Upper
56 100
69 38.4 29.7 44.5
84 93.4 78.9 118.3

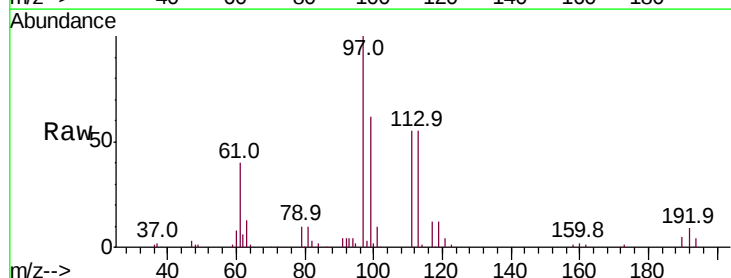


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

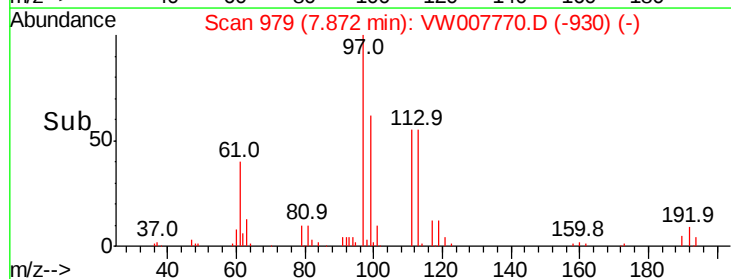
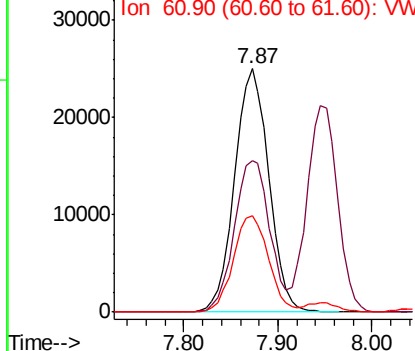


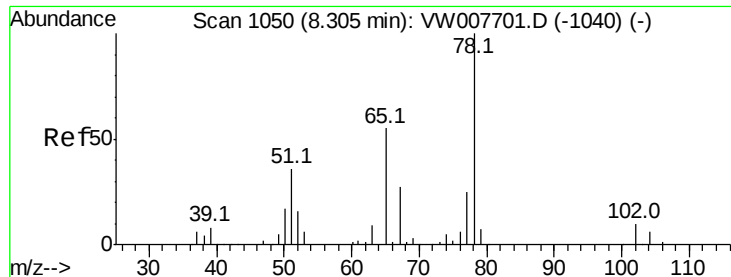
#32
1,1,1-Trichloroethane
Concen: 43.233 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 97 Resp: 62968
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 40.7 32.3 48.5



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

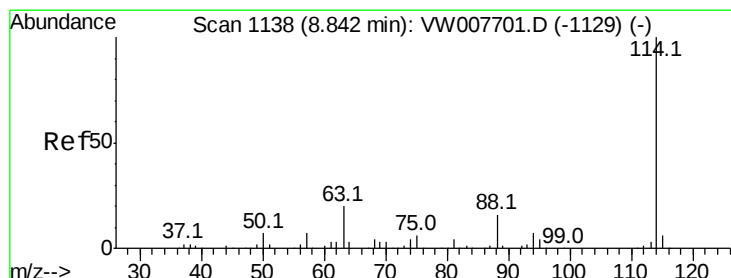
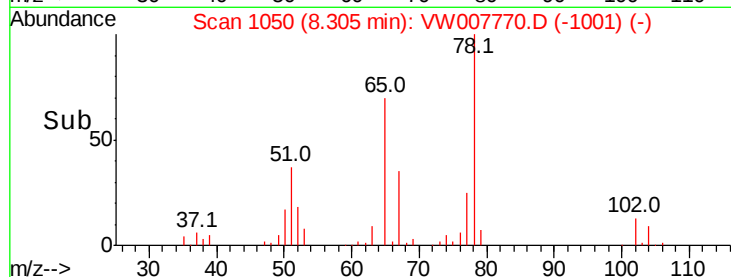
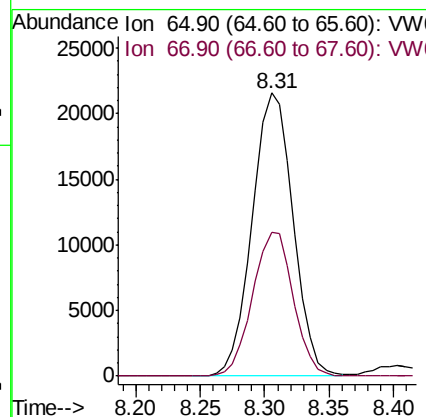
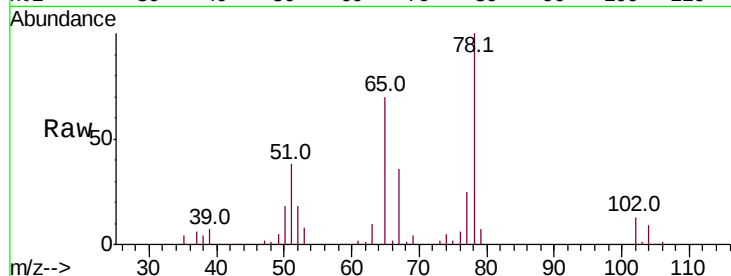




#33
 1,2-Dichloroethane-d4
 Concen: 54.505 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

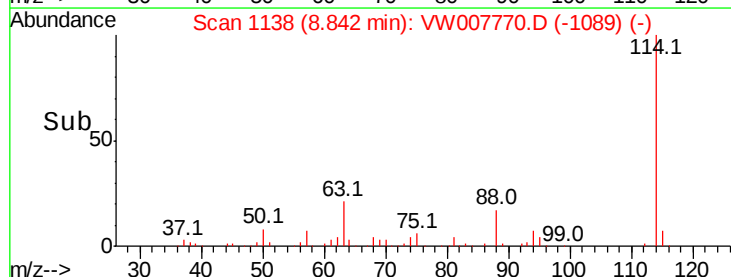
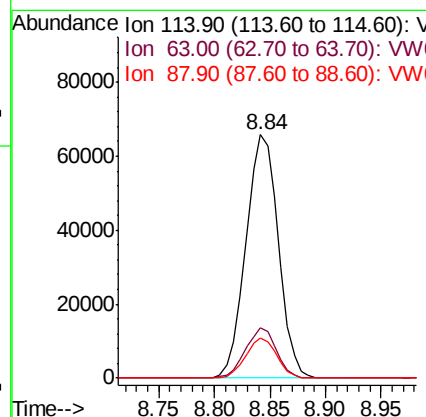
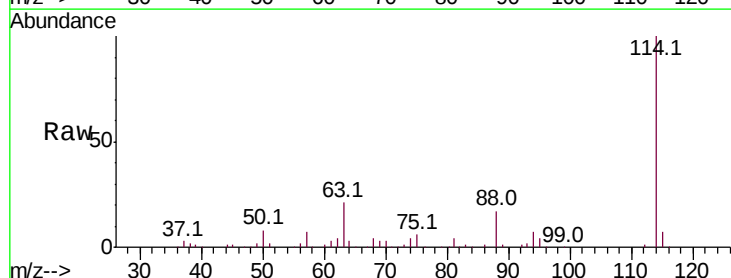
Instrument :
 MSVOA_W
 ClientSampleId :

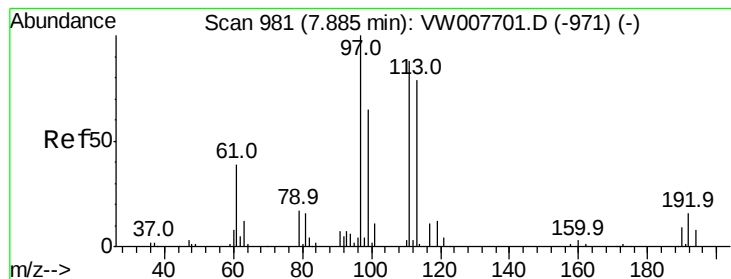
Tot Ion: 65 Resp: 47368
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 114 Resp: 132951
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.954 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

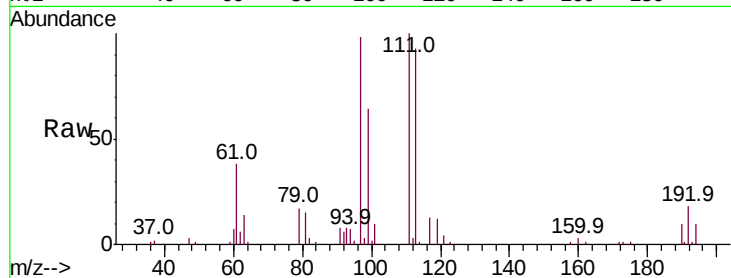
Tot Ion:113 Resp: 42949

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

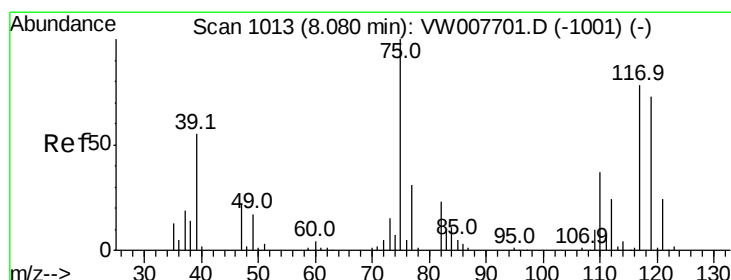
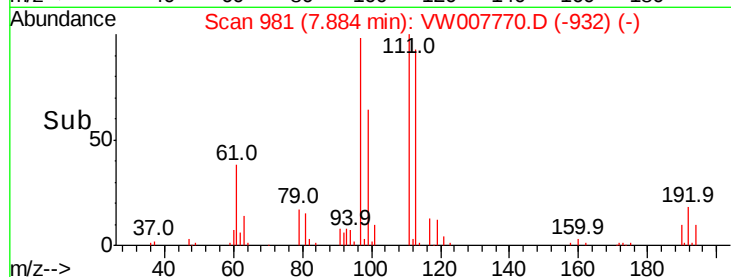
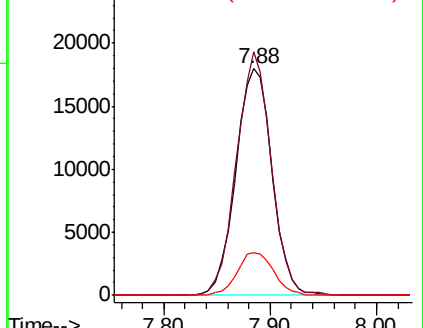
192 19.0 15.5 23.3



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: 42.418 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

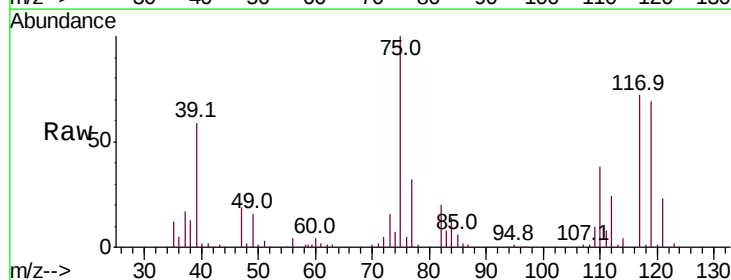
Tgt Ion: 75 Resp: 54431

Ion Ratio Lower Upper

75 100

110 37.0 18.6 55.8

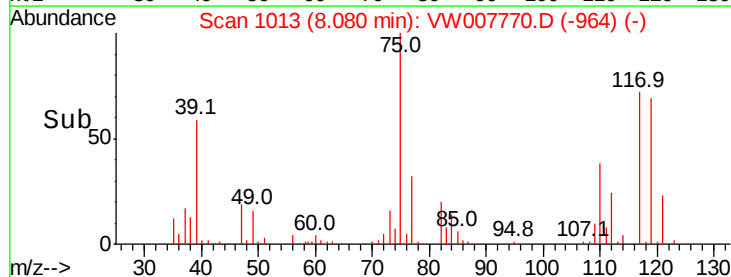
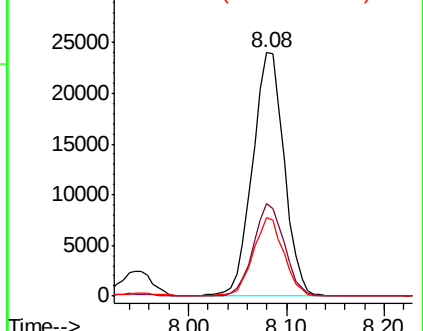
77 31.1 25.0 37.4

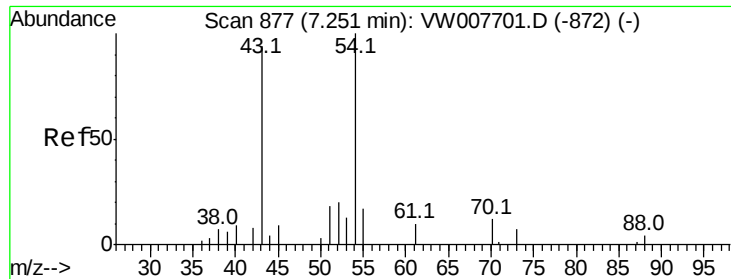


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

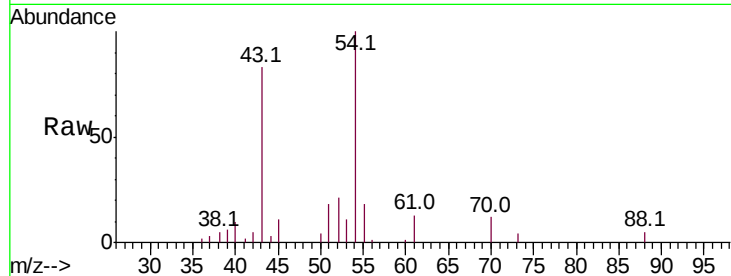




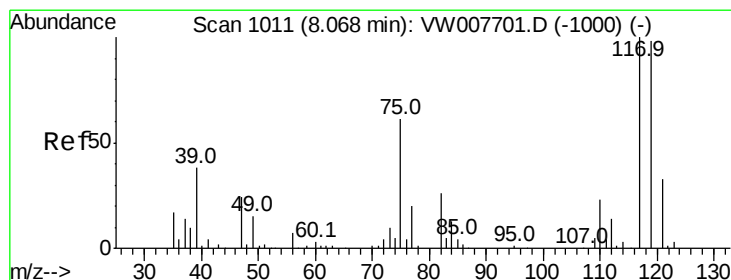
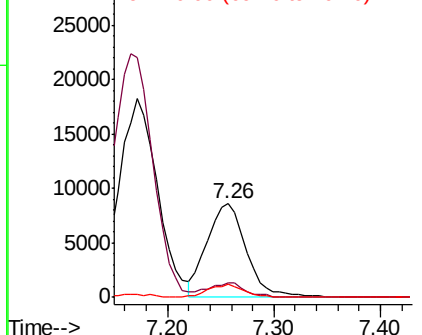
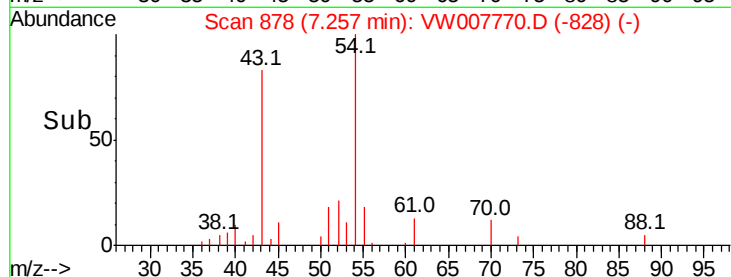
#37
Ethyl Acetate
Concen: 49.684 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 22003
Ion Ratio Lower Upper
43 100
61 14.4 11.2 16.8
70 12.4 9.3 13.9

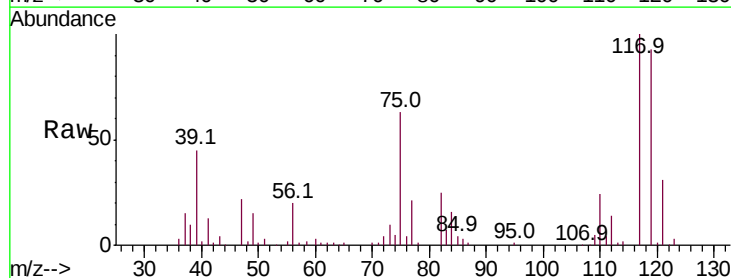


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

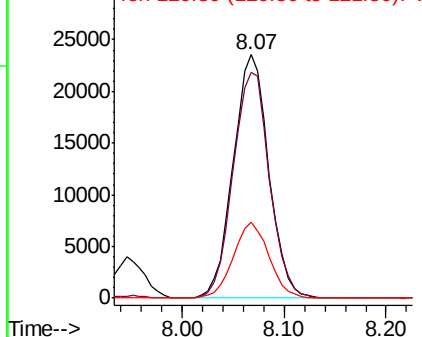
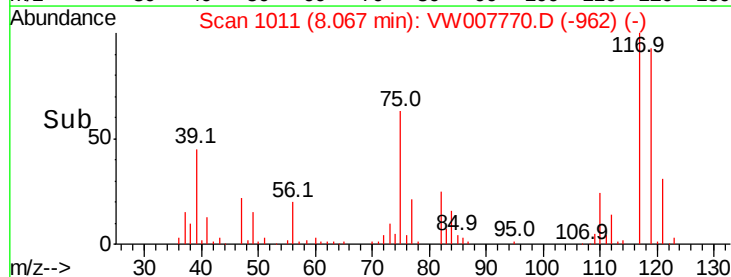


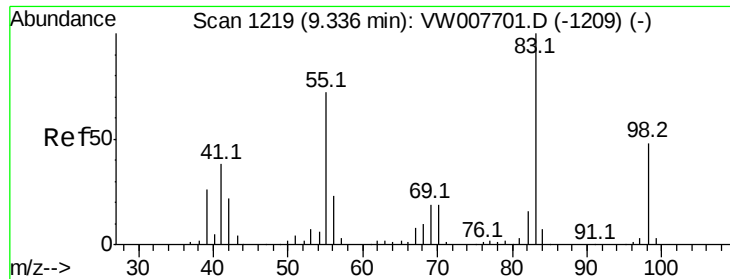
#38
Carbon Tetrachloride
Concen: 37.630 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 117 Resp: 56867
Ion Ratio Lower Upper
117 100
119 92.6 78.2 117.2
121 31.1 26.1 39.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

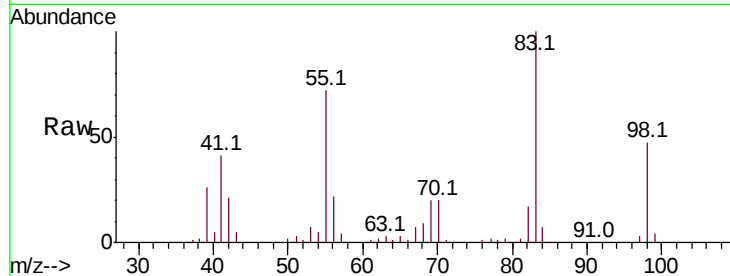




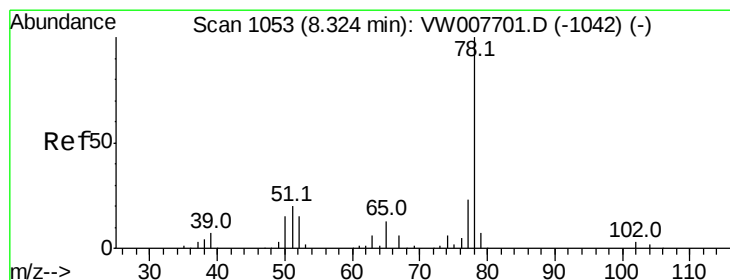
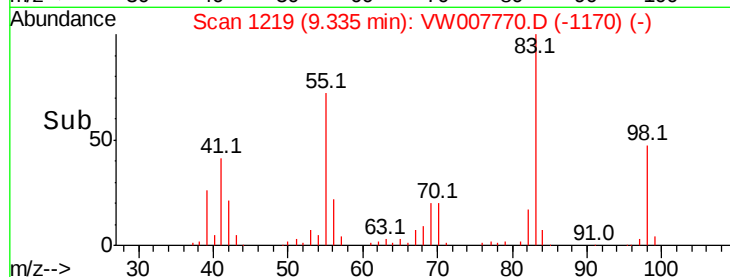
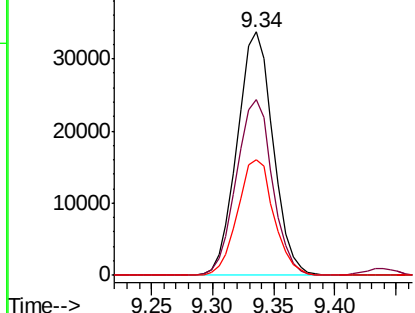
#39
Methvlcvclohexane
Concen: 43.038 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 68626
Ion Ratio Lower Upper
83 100
55 72.2 57.2 85.8
98 47.5 38.6 58.0

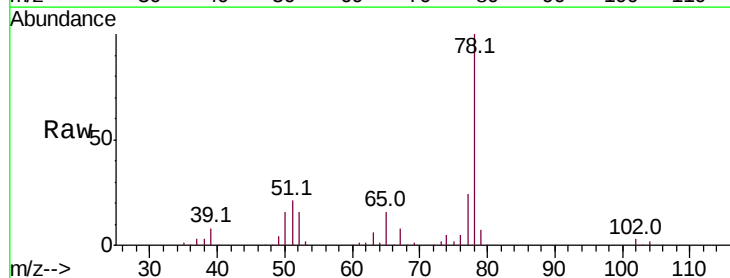


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

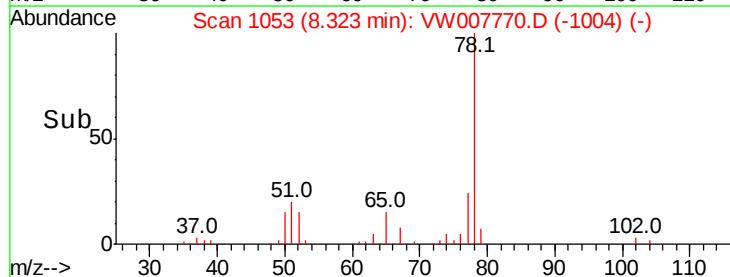
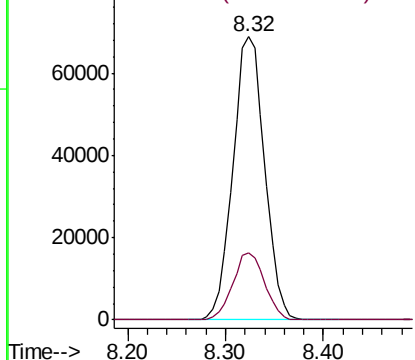


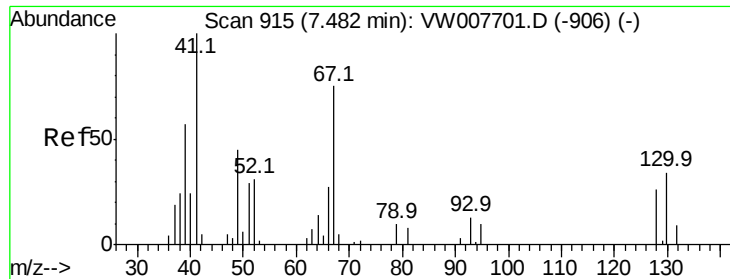
#40
Benzene
Concen: 45.159 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 78 Resp: 154635
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1



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

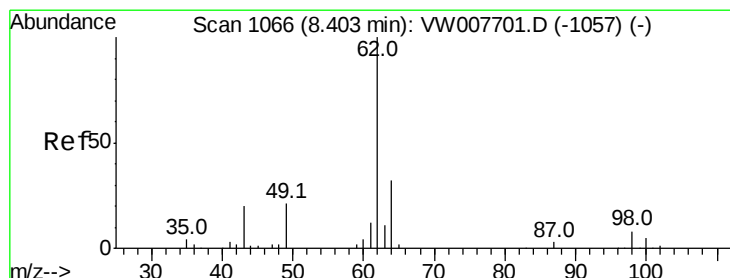
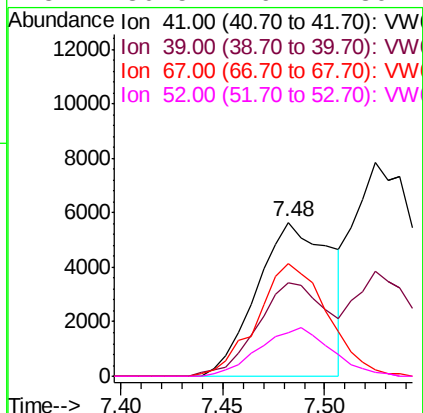
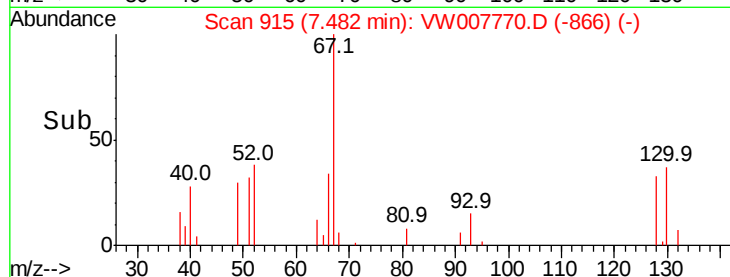
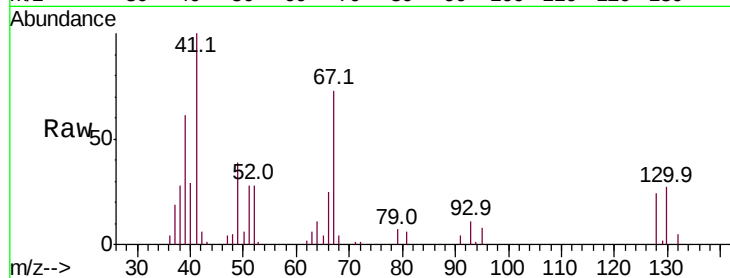




#41
Methacrylonitrile
Concen: 56.862 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

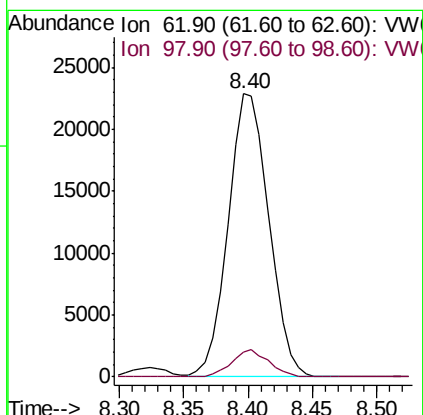
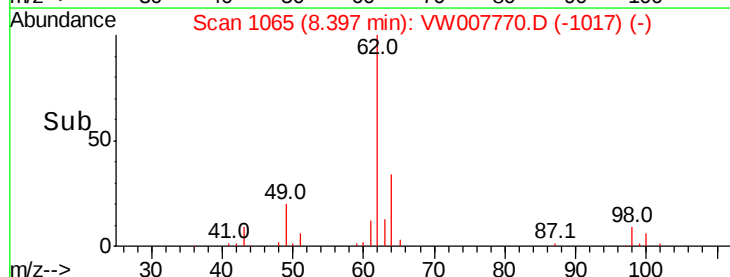
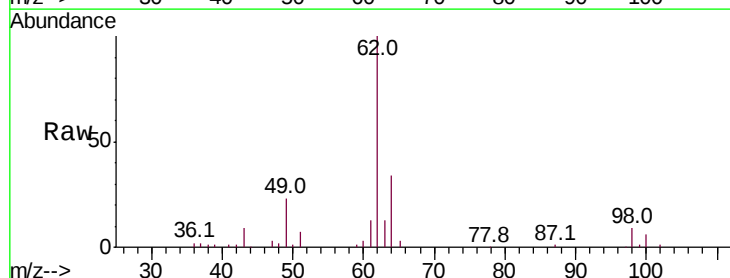
Instrument :
MSVOA_W
ClientSampled :

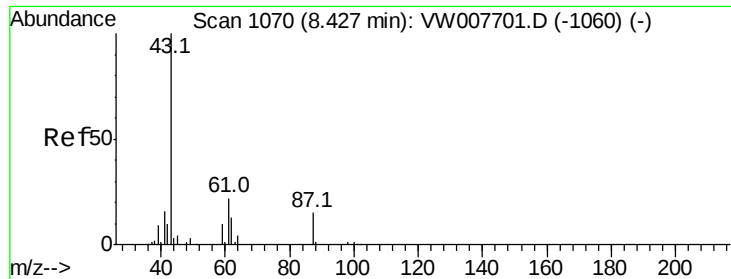
Tot Ion:	41	Resp:	14297
Ion	Ratio	Lower	Upper
41	100		
39	57.8	54.2	81.4
67	69.7	65.7	98.5
52	30.5	26.2	39.4



#42
1,2-Dichloroethane
Concen: 43.780 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:	62	Resp:	50239
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 49.830 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

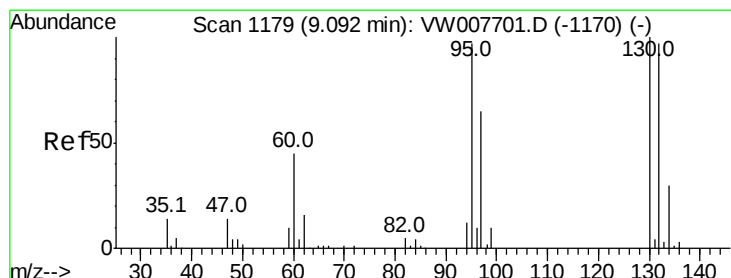
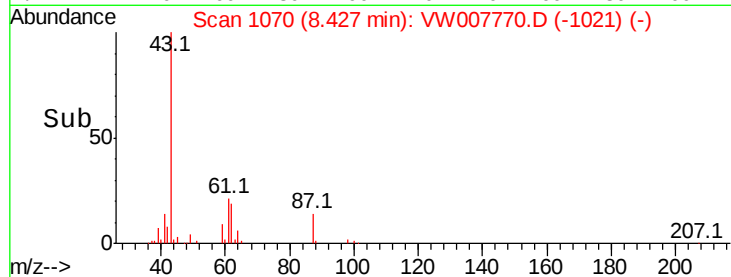
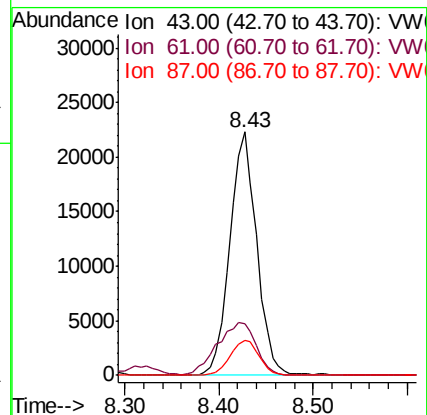
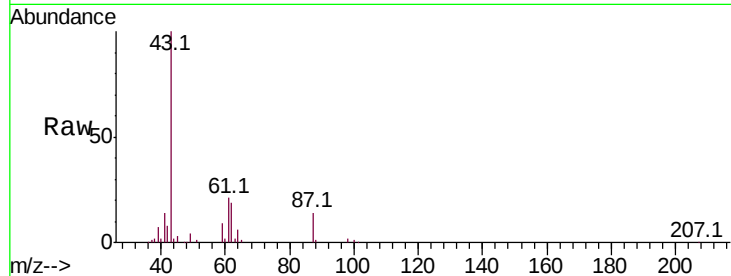
Tot Ion: 43 Resp: 44211

Ion Ratio Lower Upper

43 100

61 31.5 26.3 39.5

87 15.5 12.0 18.0



#44

Trichloroethene

Concen: 43.334 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007770.D

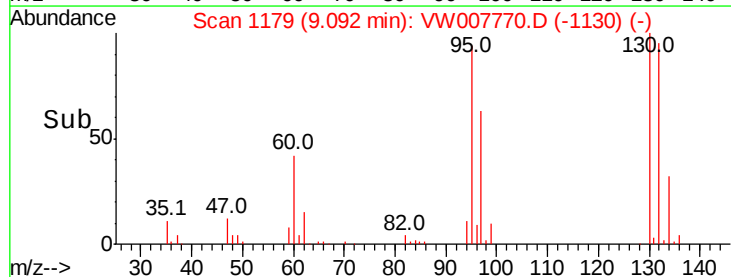
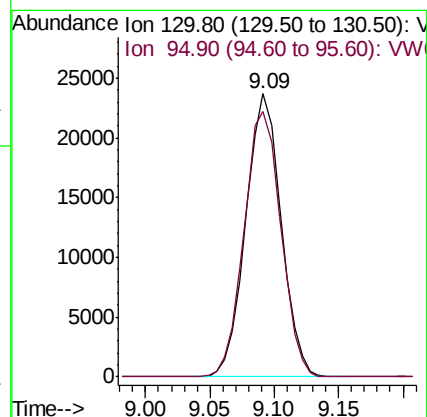
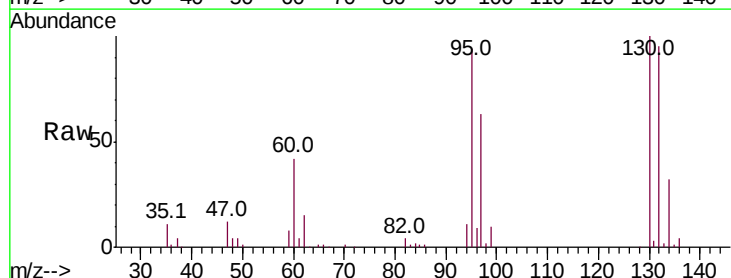
Acq: 21 Dec 2018 01:45

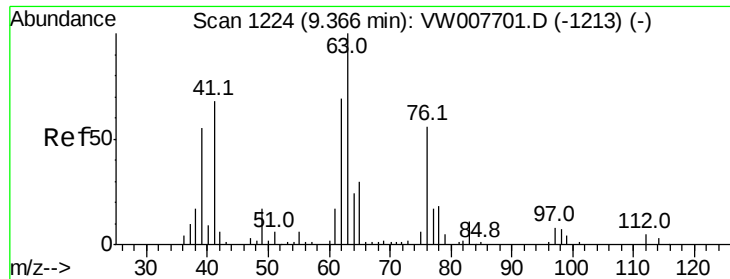
Tgt Ion: 130 Resp: 44874

Ion Ratio Lower Upper

130 100

95 94.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 47.885 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

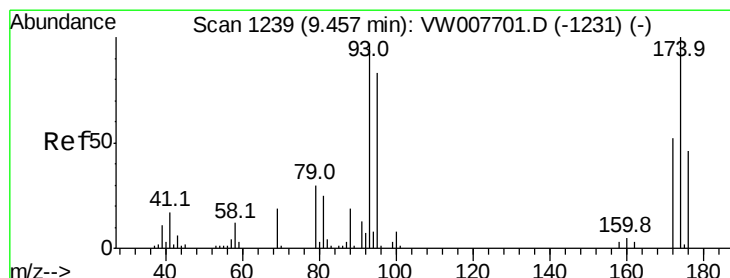
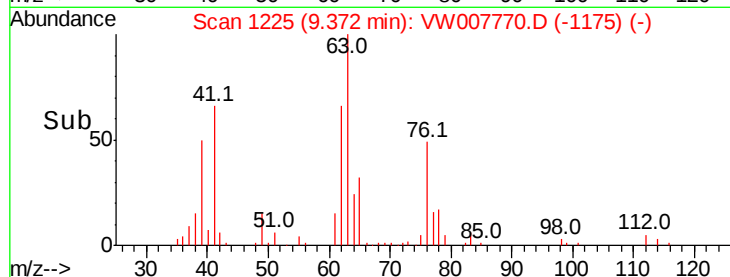
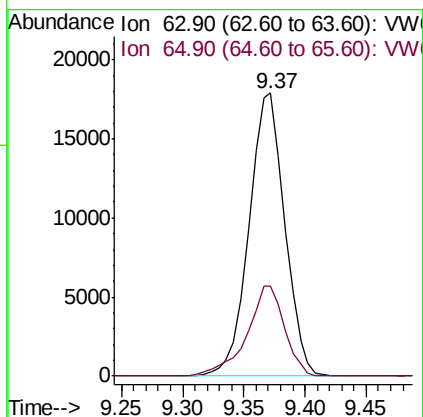
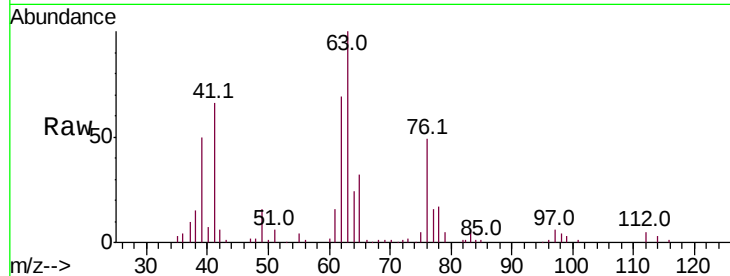
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 36383

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.8



#46

Dibromomethane

Concen: 44.290 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

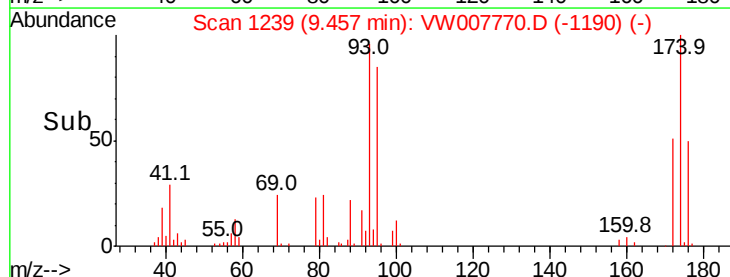
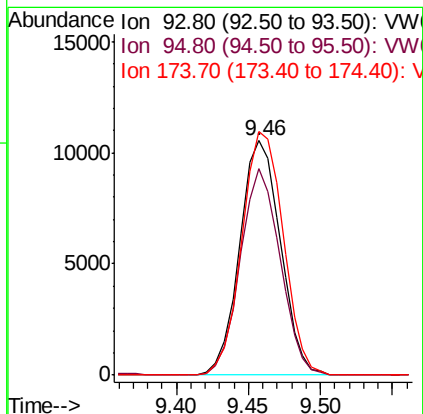
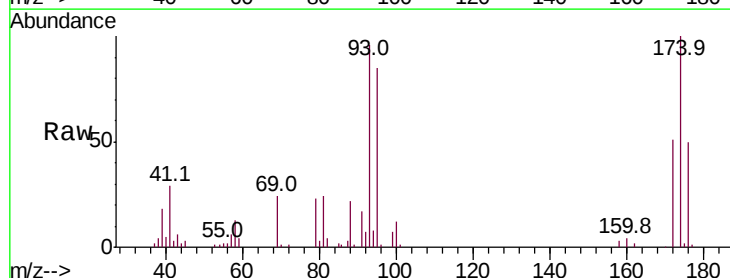
Tgt Ion: 93 Resp: 20715

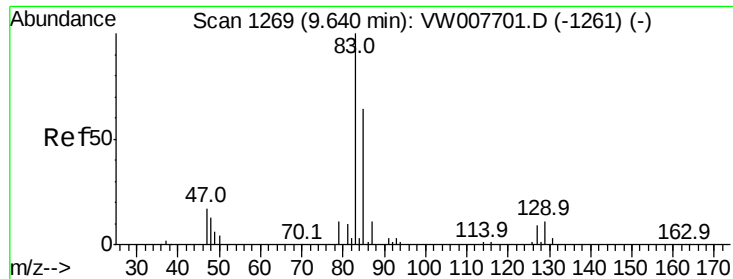
Ion Ratio Lower Upper

93 100

95 85.8 67.5 101.3

174 105.4 83.9 125.9

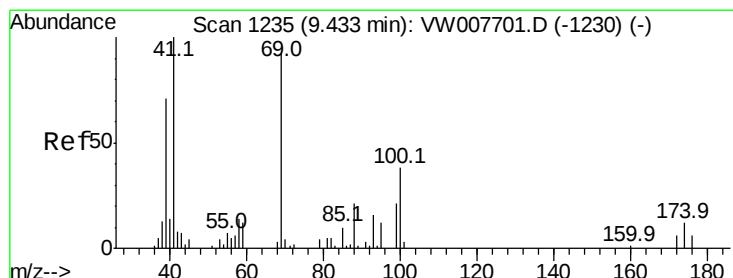
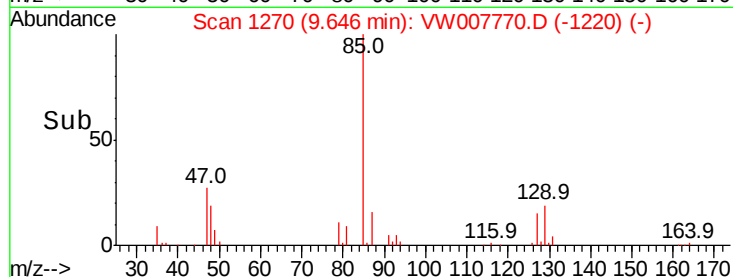
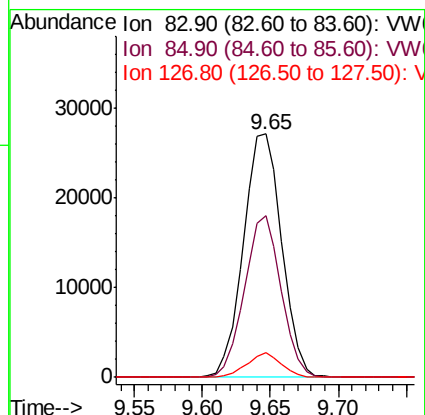
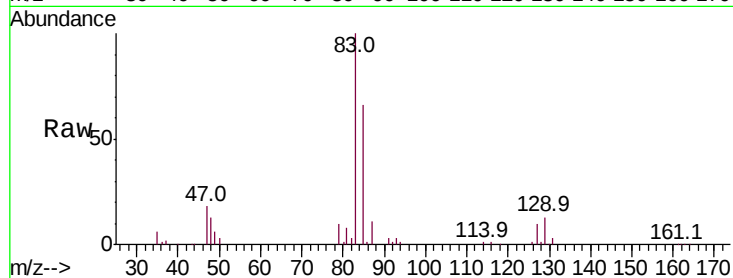




#47
 Bromodichloromethane
 Concen: 43.517 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

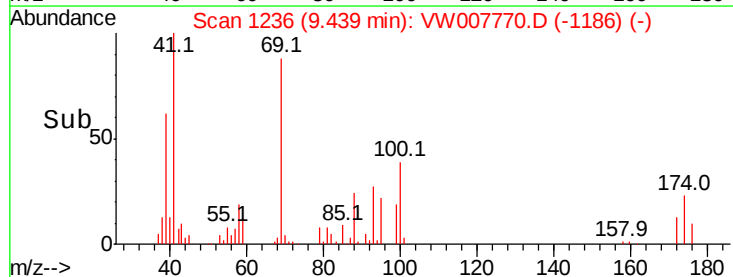
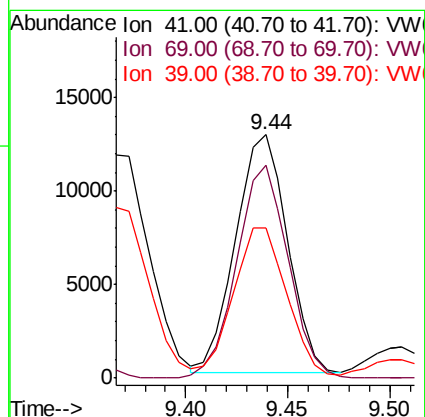
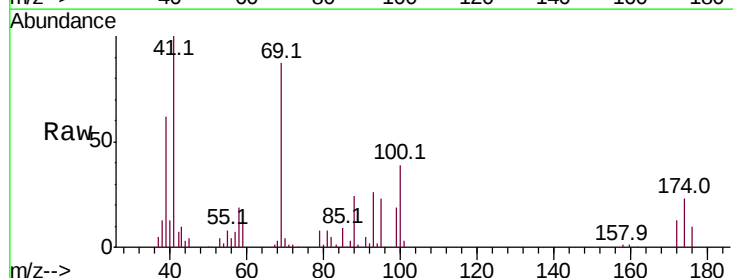
Instrument :
 MSVOA_W
 ClientSampleId :

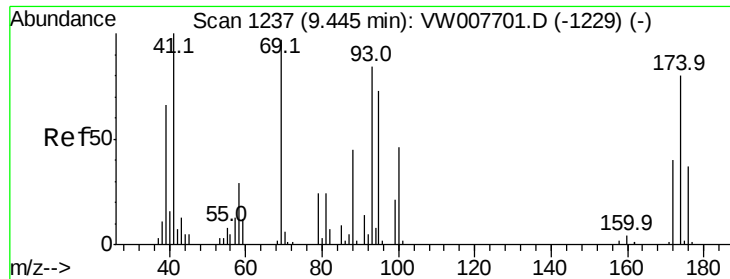
Tot Ion: 83 Resp: 53508
 Ion Ratio Lower Upper
 83 100
 85 66.2 51.4 77.0
 127 10.0 7.5 11.3



#48
 Methyl methacrylate
 Concen: 50.541 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 41 Resp: 22383
 Ion Ratio Lower Upper
 41 100
 69 89.3 74.2 111.2
 39 66.5 53.9 80.9





#49

1,4-Dioxane

Concen: 971.894 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampled :

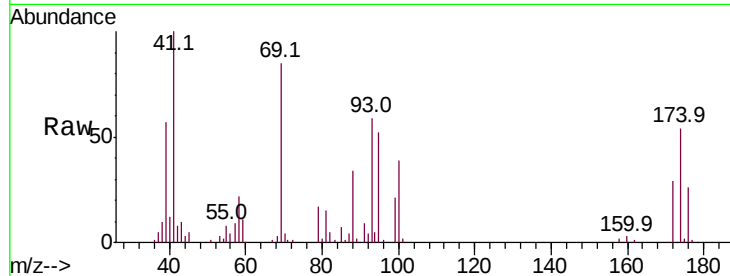
Tot Ion: 88 Resp: 7207

Ion Ratio Lower Upper

88 100

43 33.3 25.6 38.4

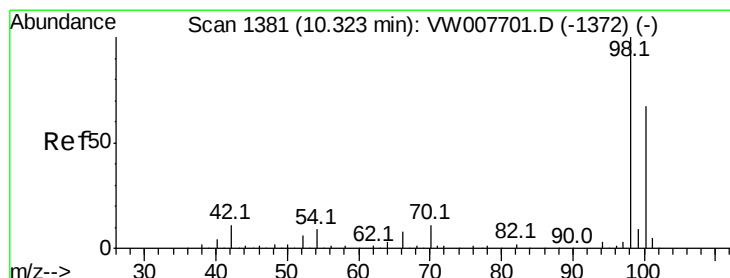
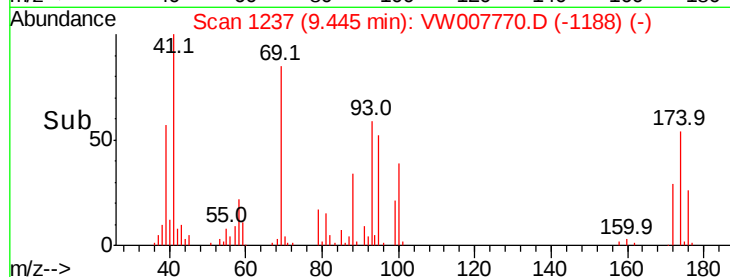
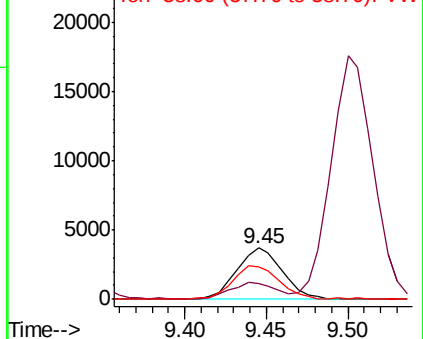
58 66.7 52.3 78.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007770.D

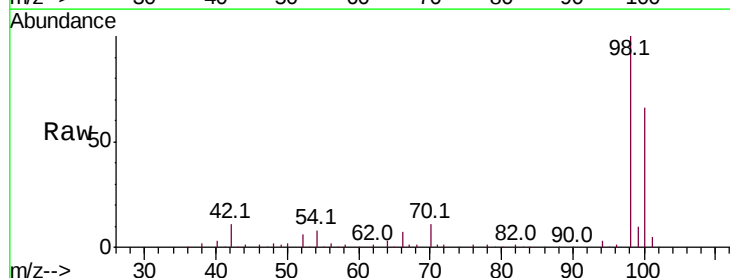
Acq: 21 Dec 2018 01:45

Tgt Ion: 98 Resp: 165783

Ion Ratio Lower Upper

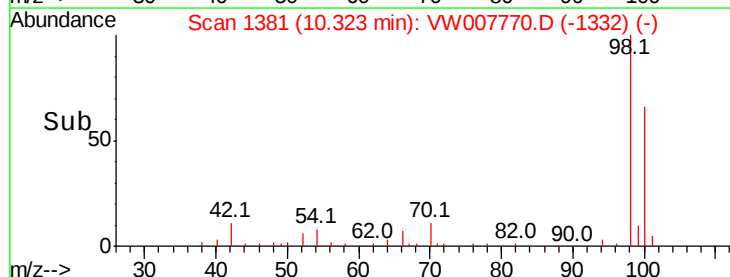
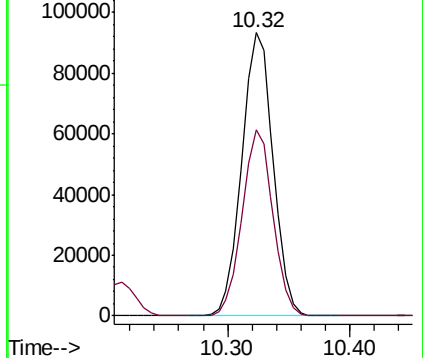
98 100

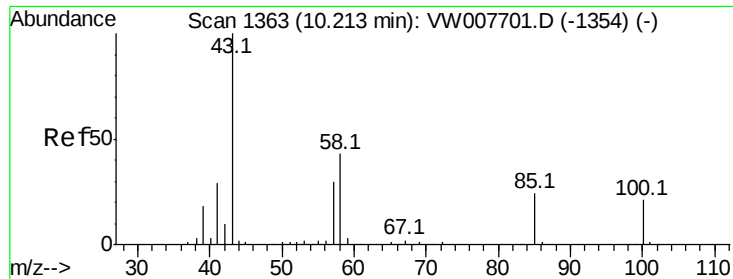
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 251.755 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

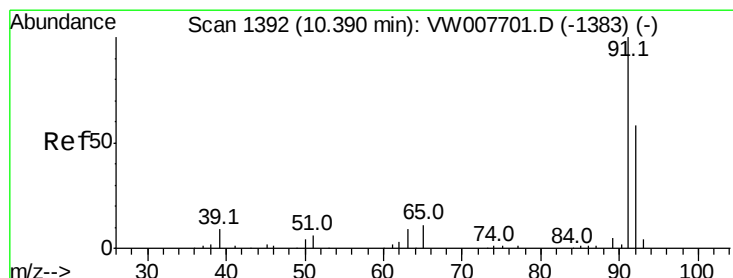
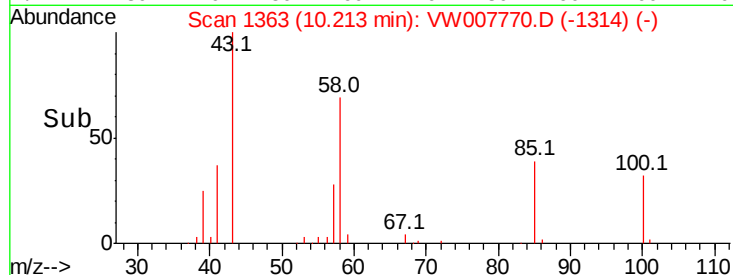
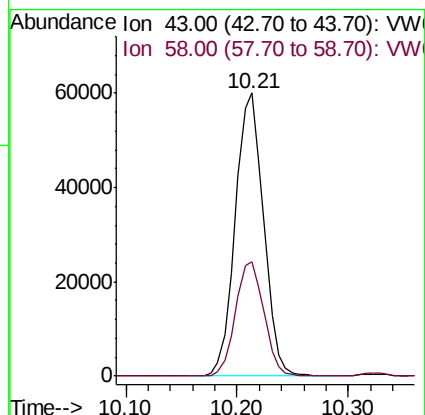
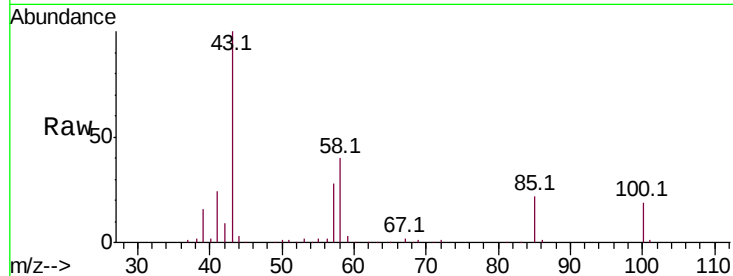
ClientSampleId :

Tot Ion: 43 Resp: 105563

Ion Ratio Lower Upper

43 100

58 40.5 33.2 49.8



#52

Toluene

Concen: 46.184 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007770.D

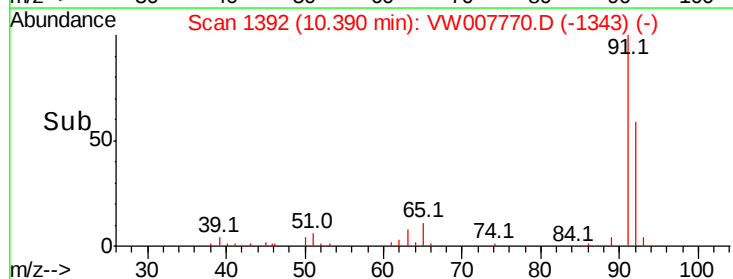
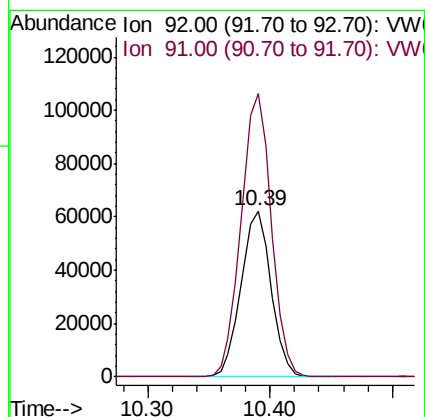
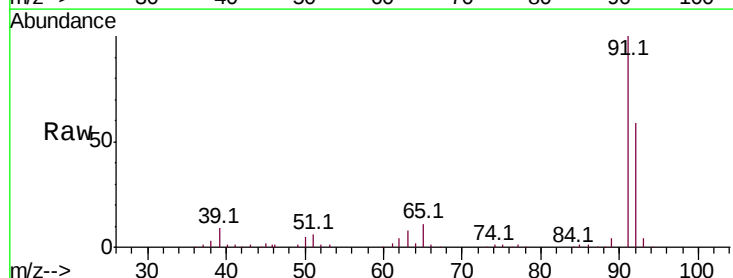
Acq: 21 Dec 2018 01:45

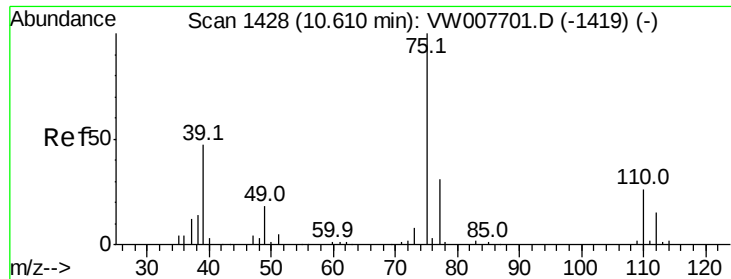
Tgt Ion: 92 Resp: 106105

Ion Ratio Lower Upper

92 100

91 172.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 45.758 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

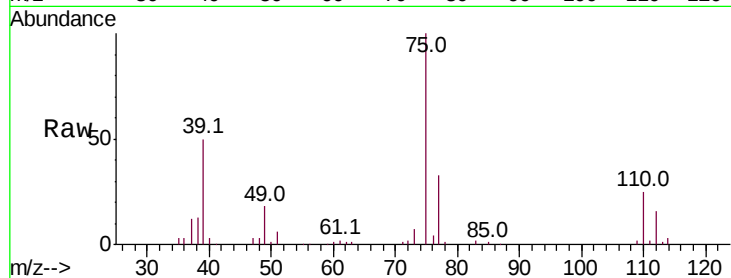
ClientSampleId :

Tot Ion: 75 Resp: 55963

Ion Ratio Lower Upper

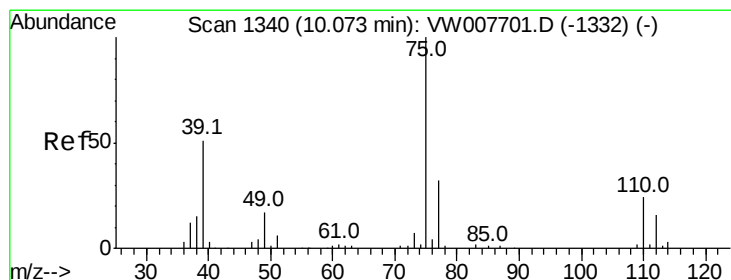
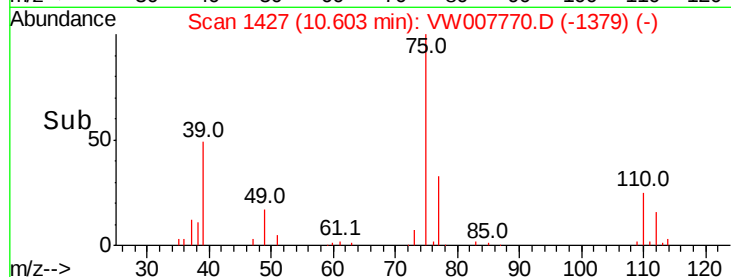
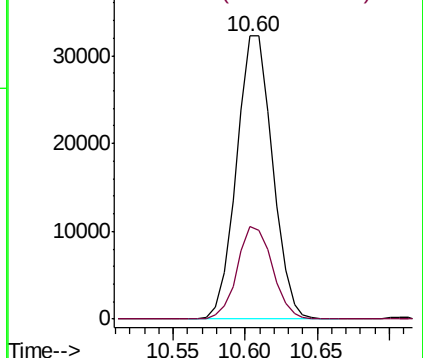
75 100

77 32.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 45.960 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

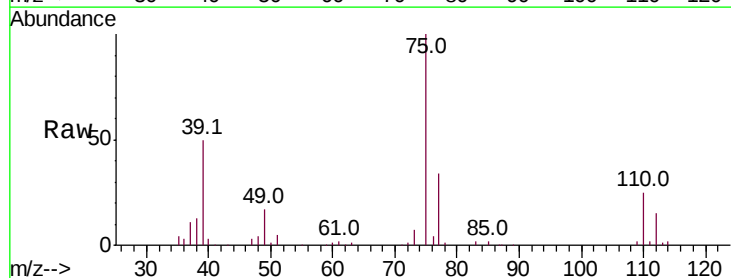
Tgt Ion: 75 Resp: 62089

Ion Ratio Lower Upper

75 100

77 34.0 25.5 38.3

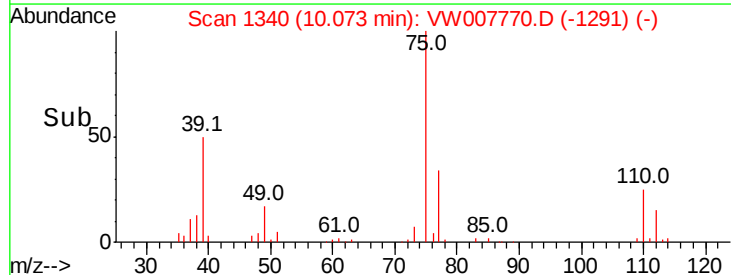
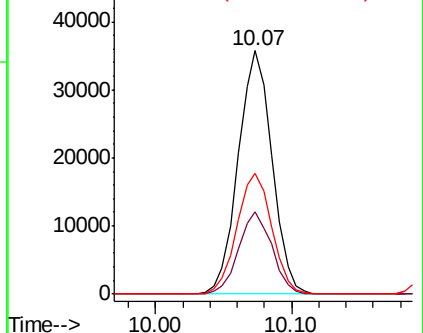
39 49.8 41.2 61.8

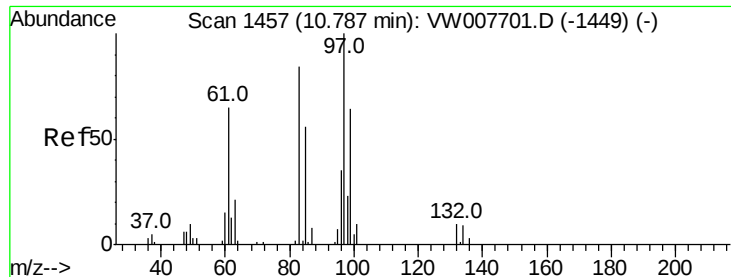


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 47.039 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 30330

Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.5	101.3
85	51.5	44.8	67.2
99	63.3	51.0	76.4

Abundance

Ion 96.90 (96.60 to 97.60): VW

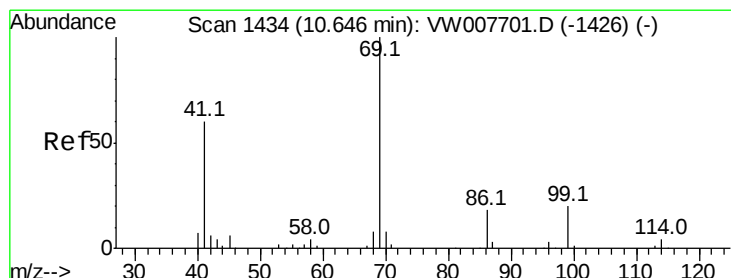
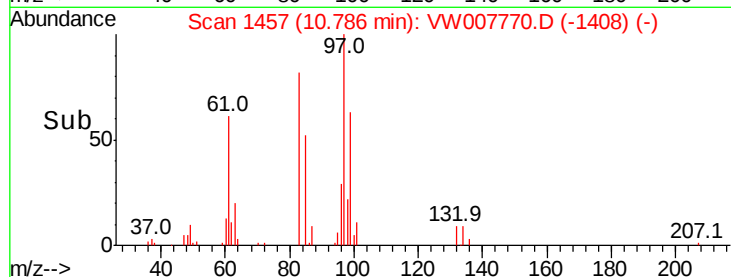
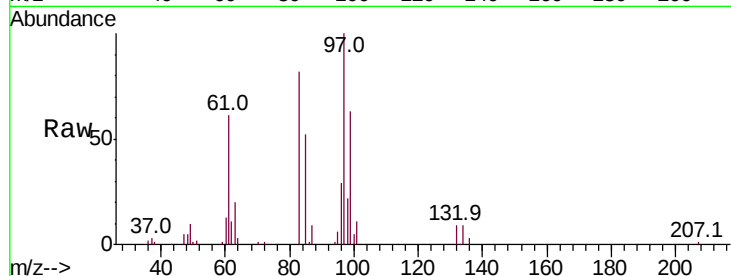
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

10.79

Time-->



#56

Ethyl methacrylate

Concen: 50.793 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 69 Resp: 38695

Ion	Ratio	Lower	Upper
69	100		
41	63.9	48.9	73.3
39	36.3	31.3	46.9

Abundance

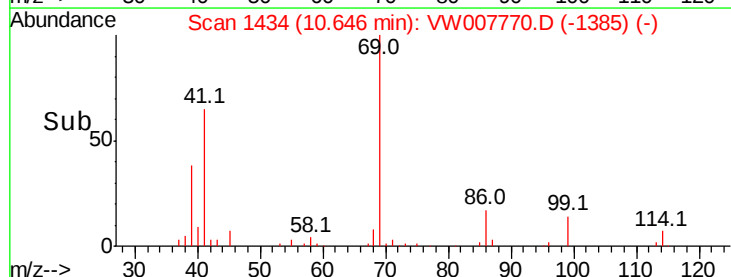
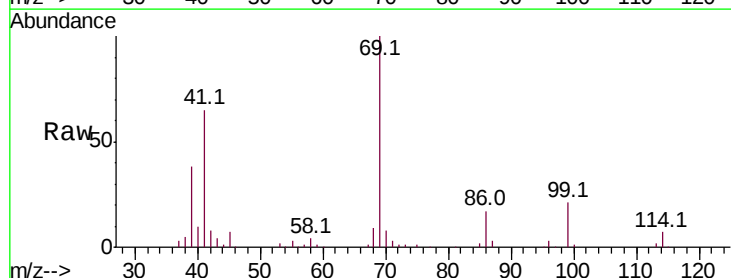
Ion 69.00 (68.70 to 69.70): VW

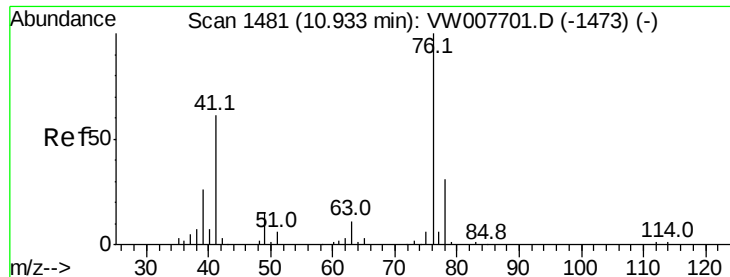
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

10.65

Time-->

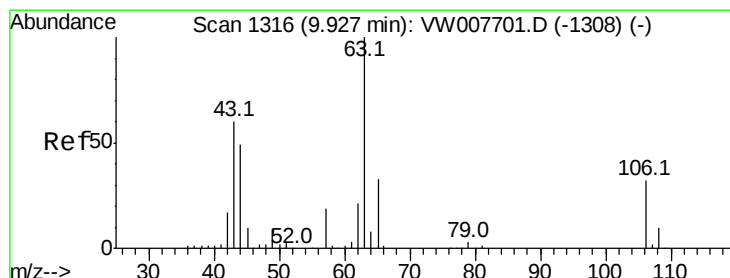
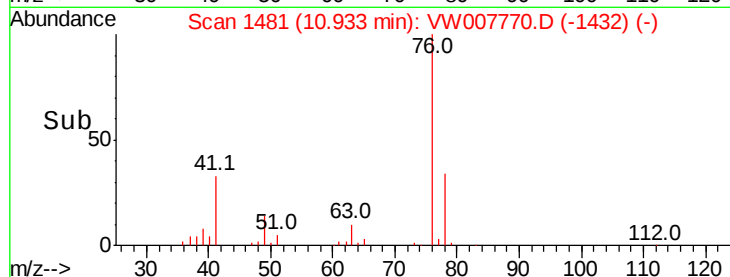
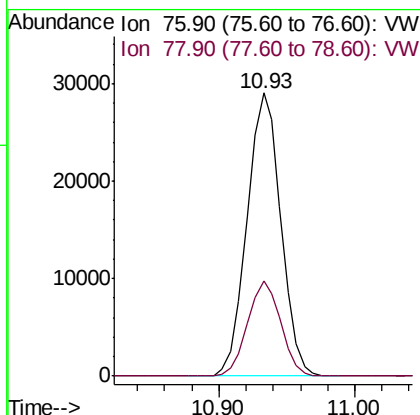
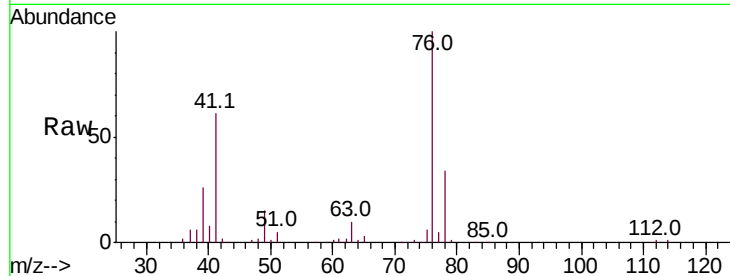




#57
 1,3-Dichloropropane
 Concen: 47.094 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

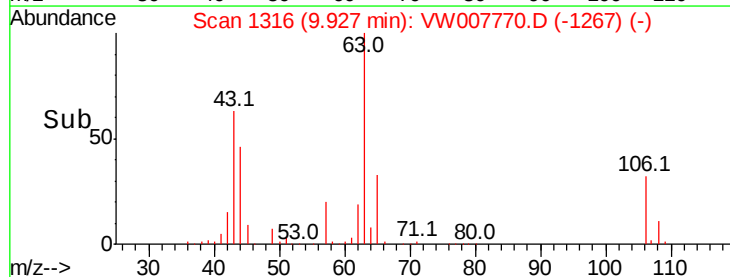
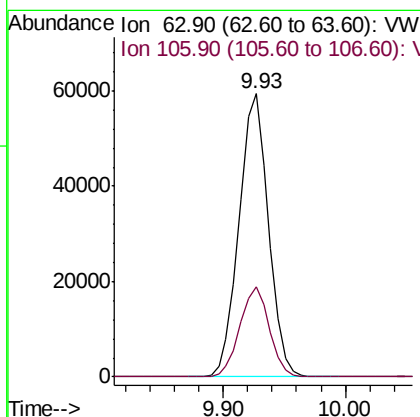
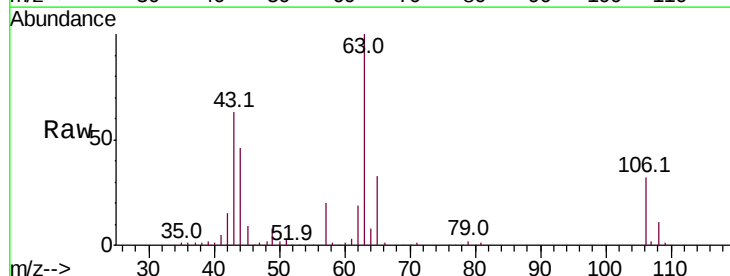
Instrument :
 MSVOA_W
 ClientSampleId :

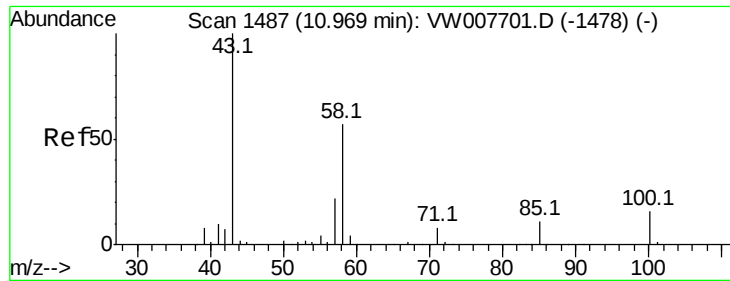
Tot Ion: 76 Resp: 50423
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.665 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 63 Resp: 99014
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.9 38.9





#59

2-Hexanone

Concen: 250.669 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

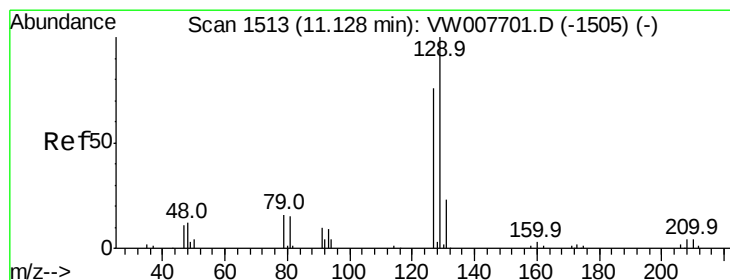
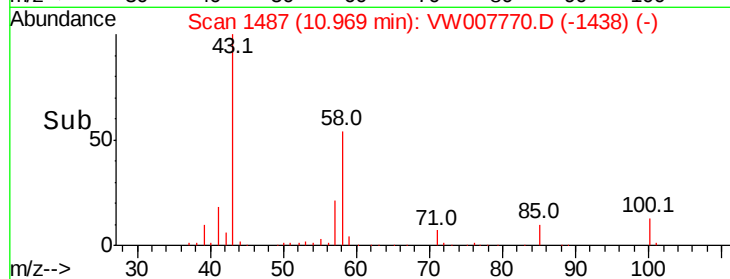
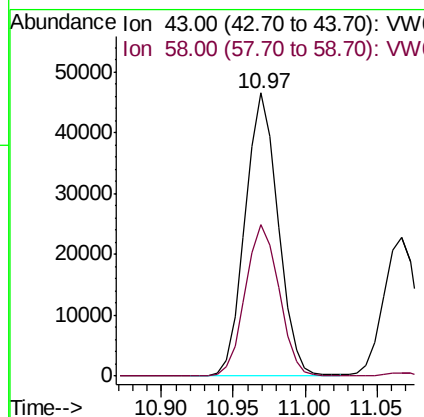
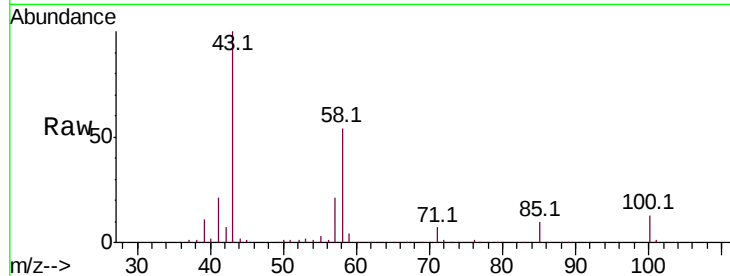
ClientSampleId :

Tot Ion: 43 Resp: 73919

Ion Ratio Lower Upper

43 100

58 54.8 27.7 83.1



#60

Dibromochloromethane

Concen: 41.626 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007770.D

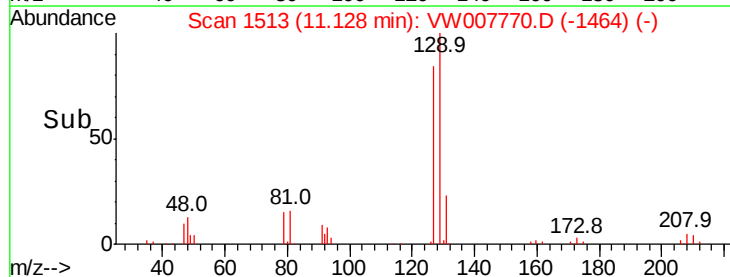
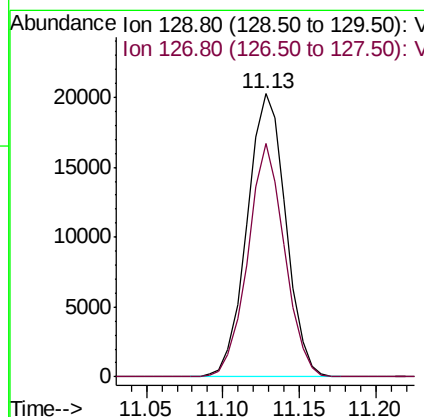
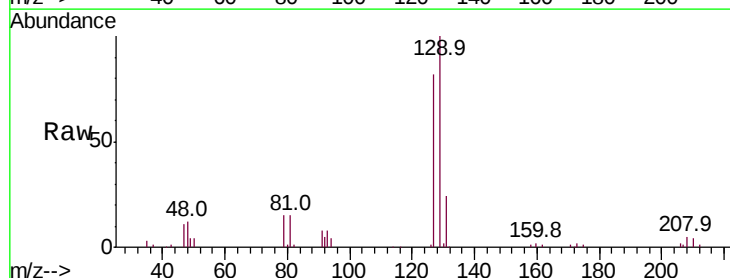
Acq: 21 Dec 2018 01:45

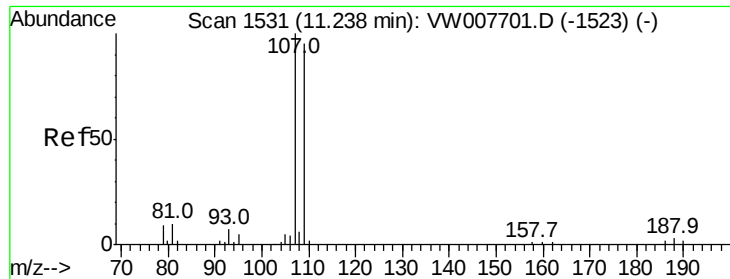
Tgt Ion:129 Resp: 35538

Ion Ratio Lower Upper

129 100

127 78.0 38.3 114.9

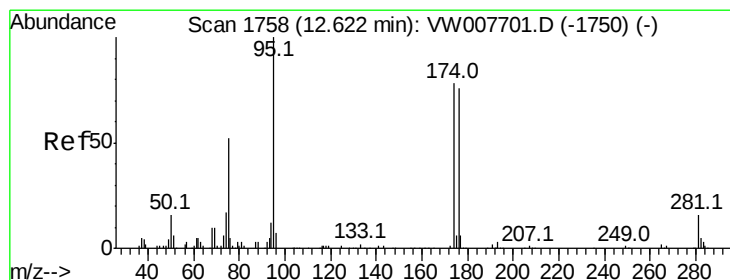
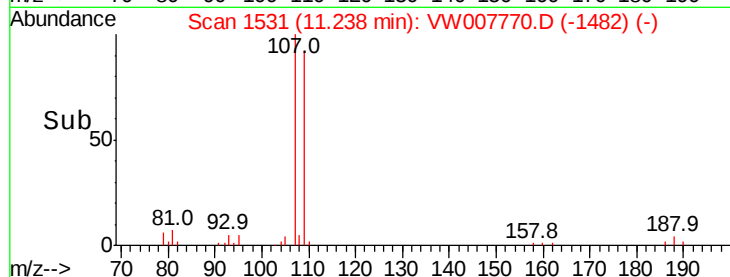
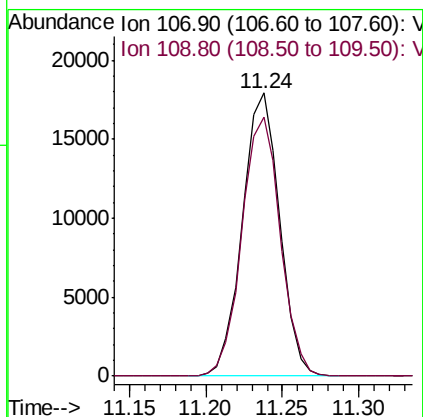
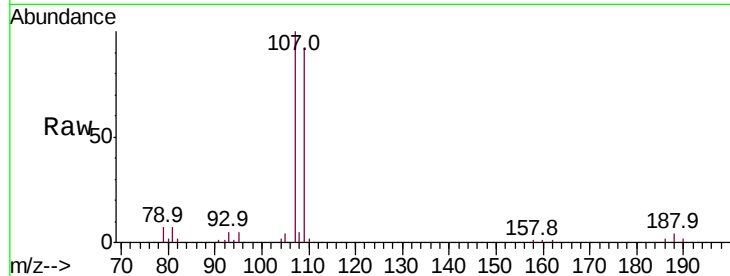




#61
 1,2-Dibromoethane
 Concen: 46.453 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

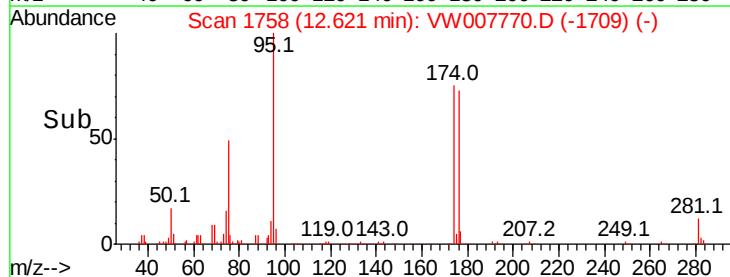
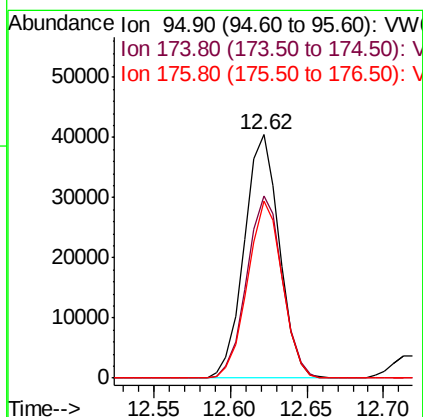
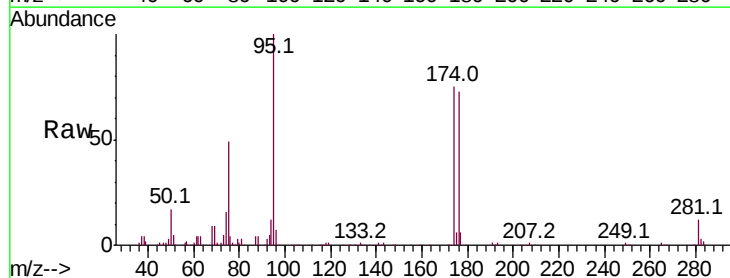
Instrument :
 MSVOA_W
 ClientSampleId :

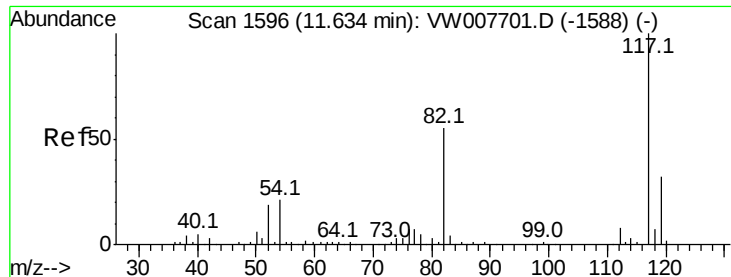
Tot Ion:107 Resp: 30332
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 54.605 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 95 Resp: 64501
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 152.2
 176 72.3 0.0 146.8

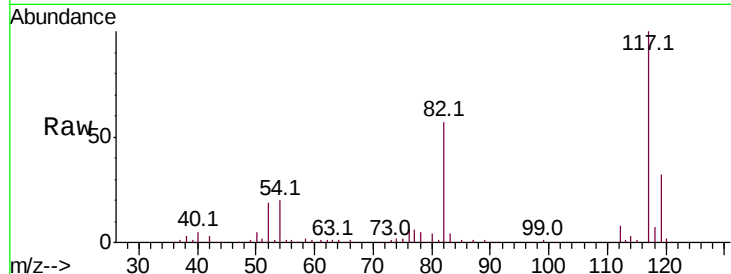




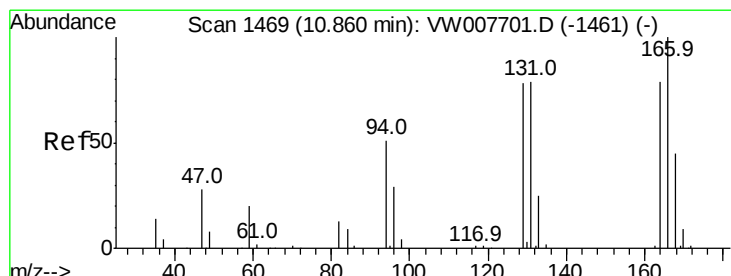
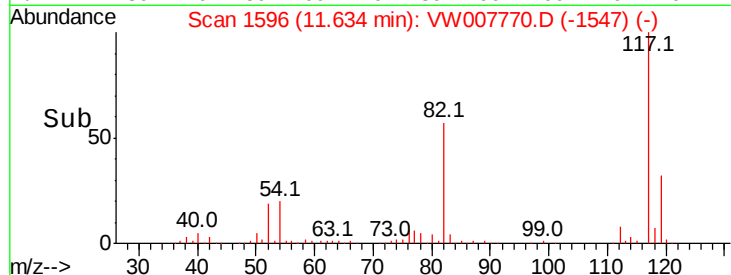
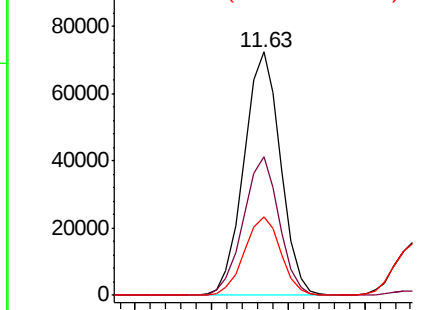
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 120226
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 32.3 25.7 38.5

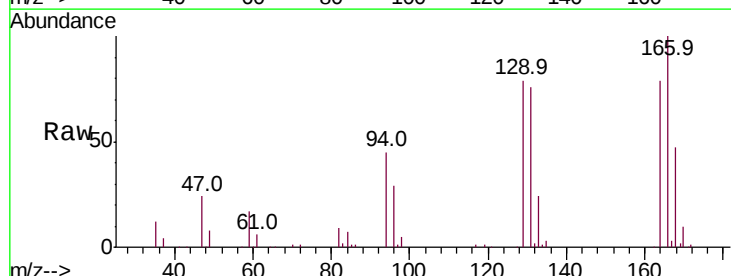


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

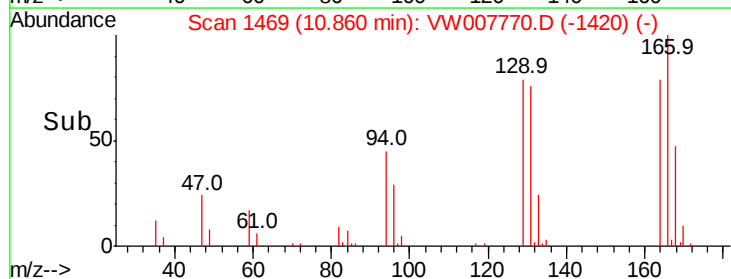
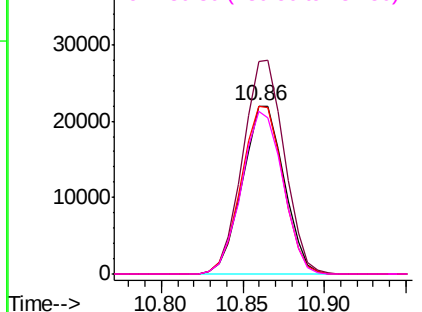


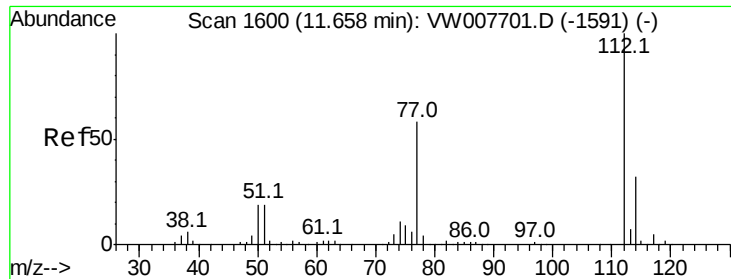
#64
Tetrachloroethene
Concen: 45.963 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:164 Resp: 39131
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.6
129 100.3 78.7 118.1
131 96.5 79.4 119.0



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

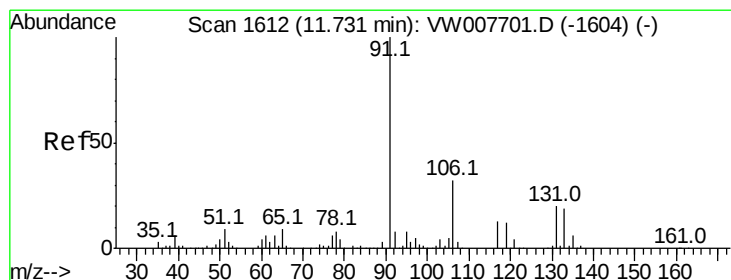
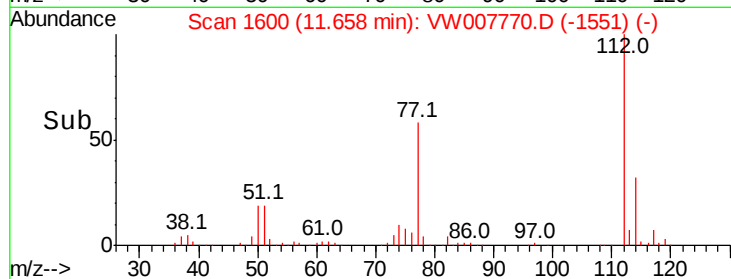
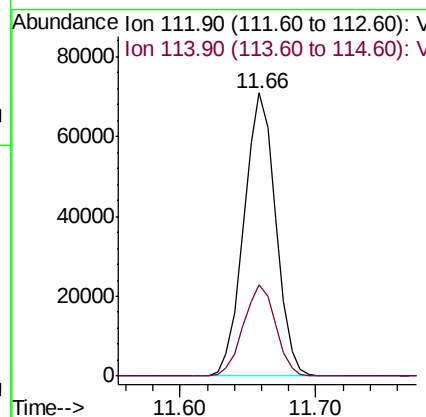
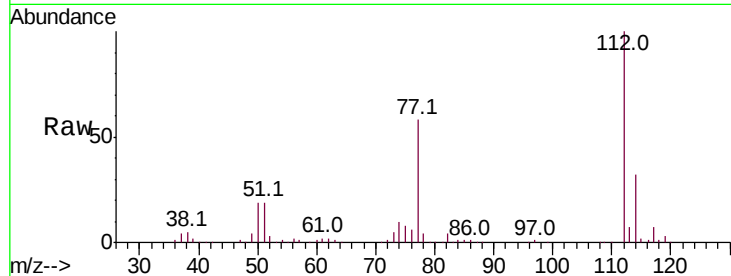




#65
Chlorobenzene
Concen: 44.567 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

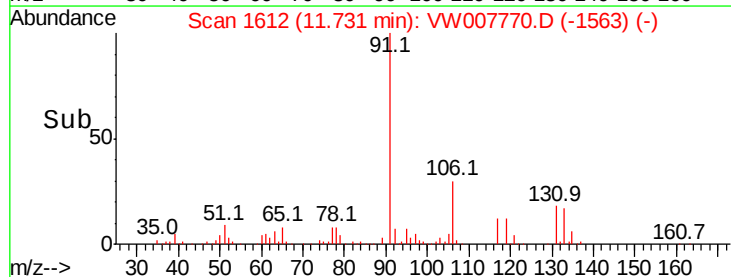
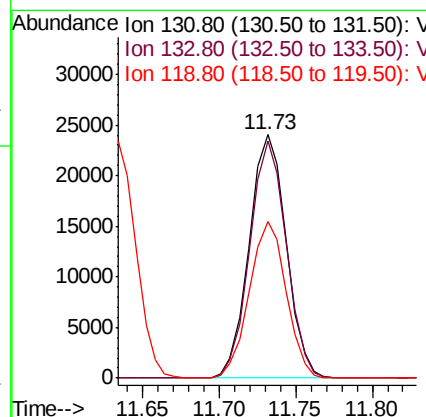
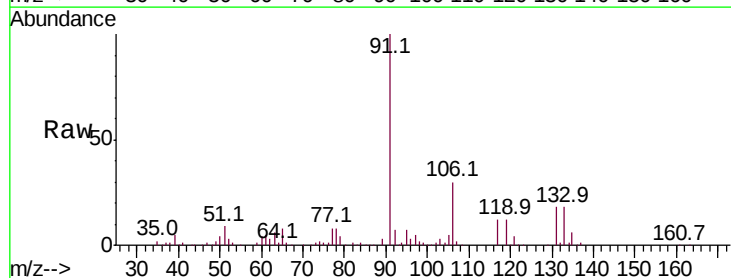
Instrument :
MSVOA_W
ClientSampleId :

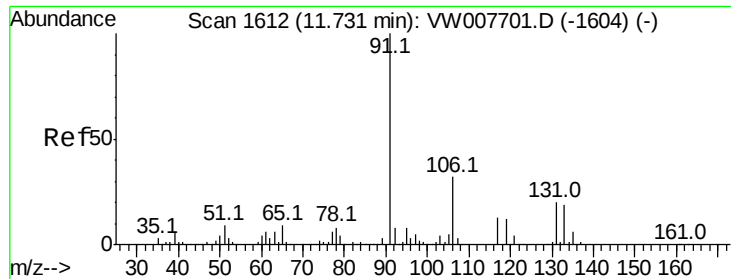
Tot Ion:112 Resp: 115972
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 43.587 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:131 Resp: 40528
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 64.0 30.2 90.6

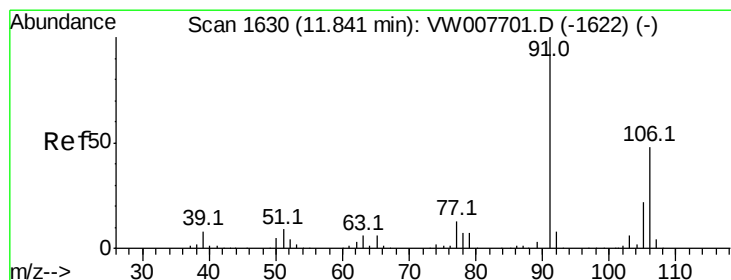
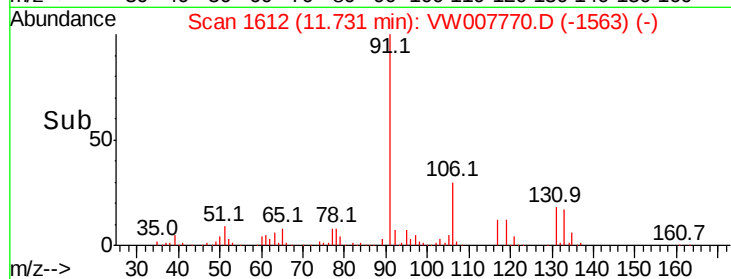
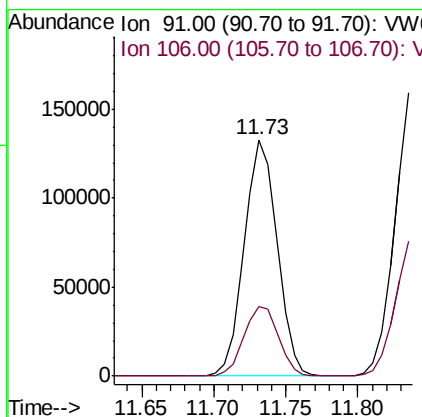
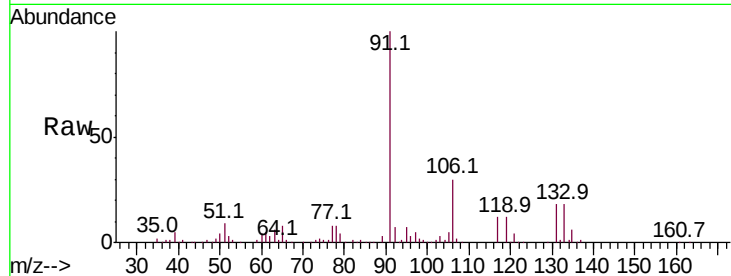




#67
Ethyl Benzene
Concen: 46.995 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

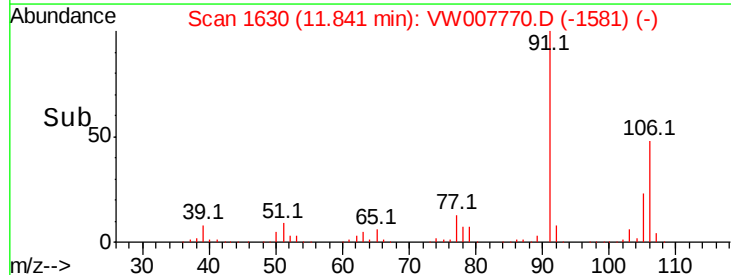
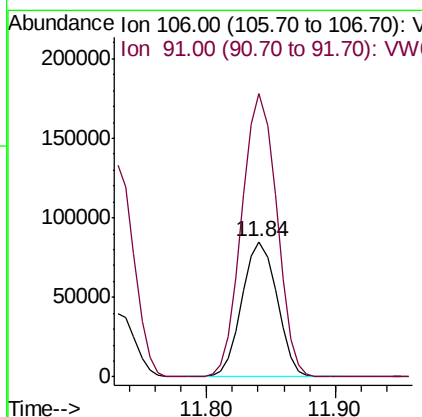
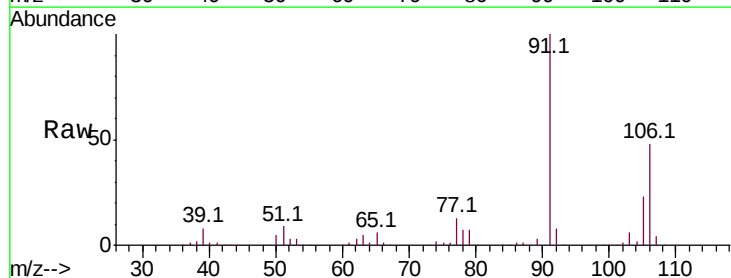
Instrument :
MSVOA_W
ClientSampleId :

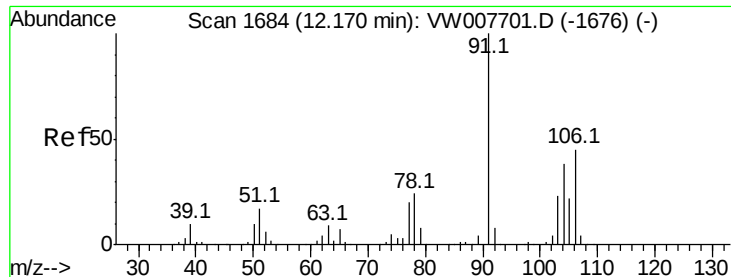
Tot Ion: 91 Resp: 209849
Ion Ratio Lower Upper
91 100
106 29.7 25.8 38.8



#68
m/p-Xylenes
Concen: 92.552 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:106 Resp: 160317
Ion Ratio Lower Upper
106 100
91 209.1 165.2 247.8

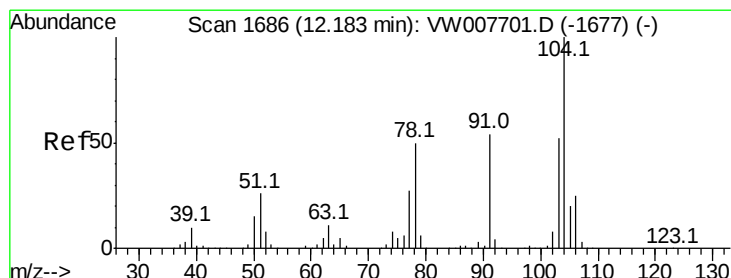
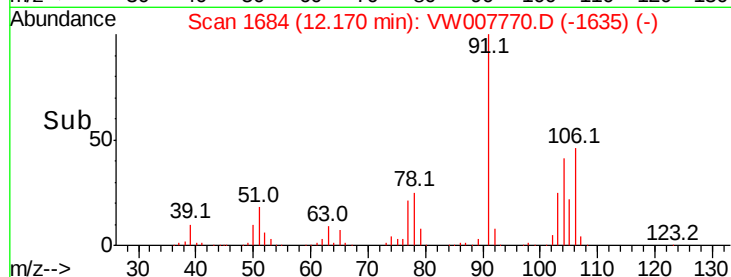
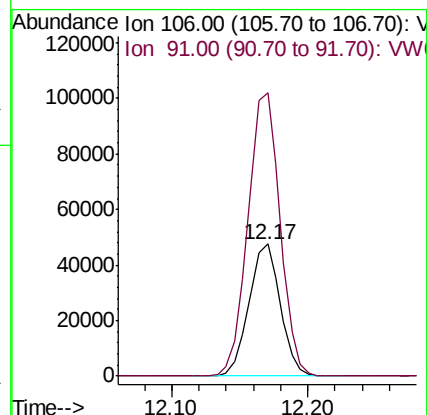
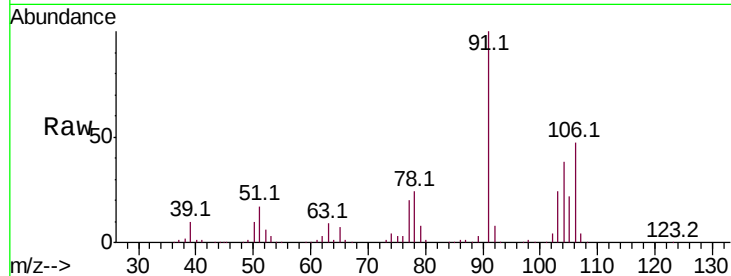




#69
o-Xylene
Concen: 47.484 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

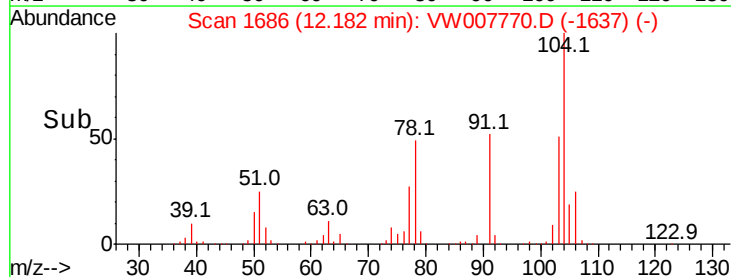
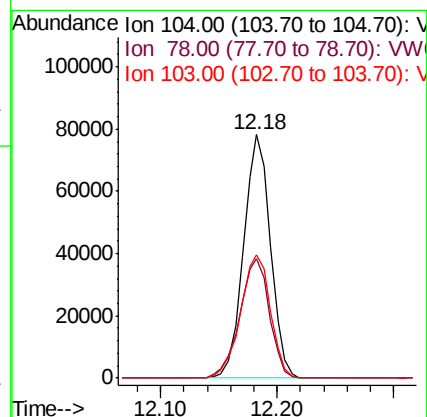
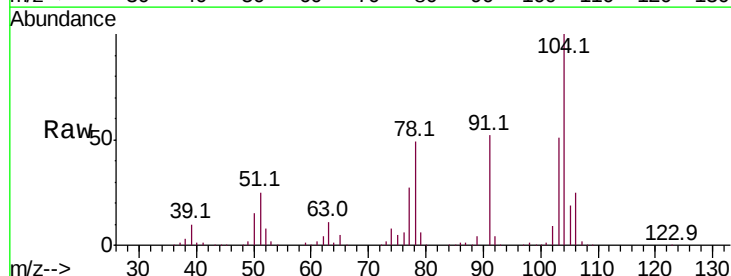
Instrument :
MSVOA_W
ClientSampled :

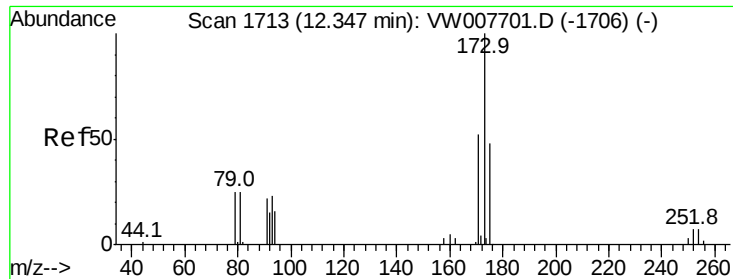
Tot Ion:106 Resp: 77100
Ion Ratio Lower Upper
106 100
91 219.0 110.5 331.4



#70
Styrene
Concen: 47.009 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:104 Resp: 125470
Ion Ratio Lower Upper
104 100
78 54.2 43.4 65.0
103 56.4 44.5 66.7





#71

Bromoform

Concen: 40.492 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

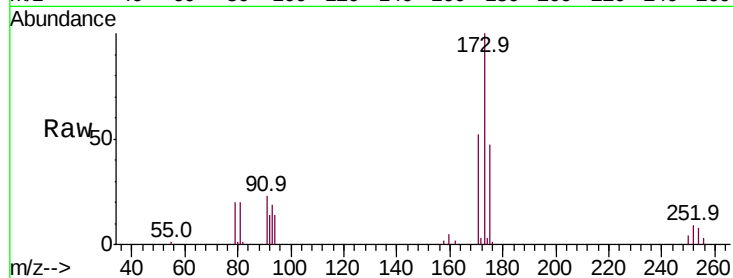
Tot Ion:173 Resp: 19545

Ion Ratio Lower Upper

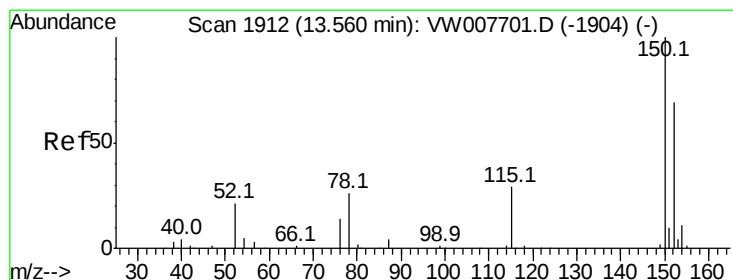
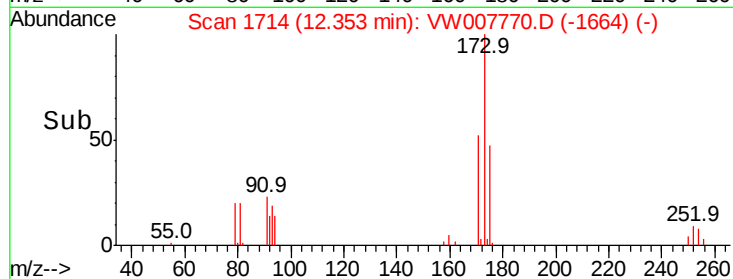
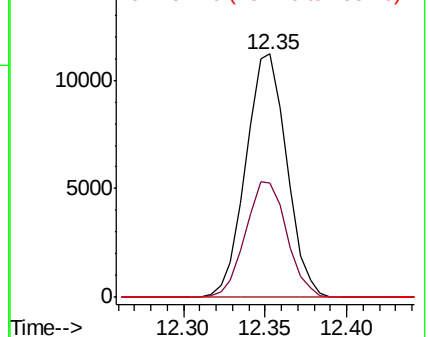
173 100

175 48.2 23.9 71.7

254 0.0 0.0 0.0



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

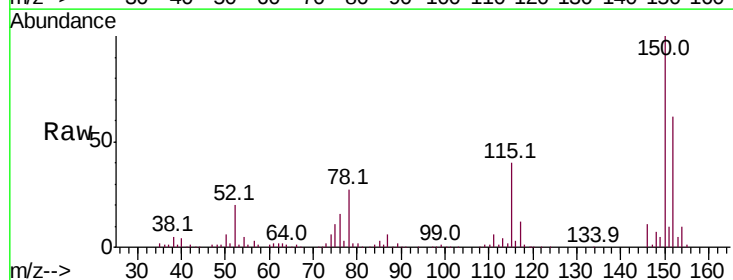
Tgt Ion:152 Resp: 60442

Ion Ratio Lower Upper

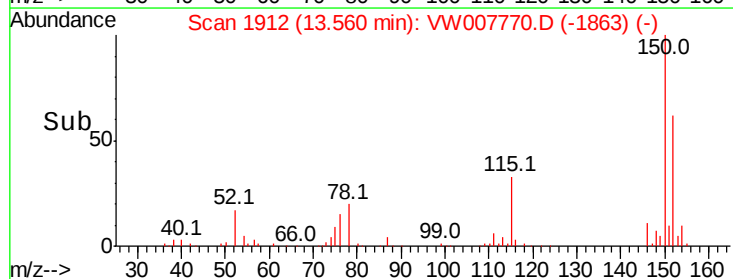
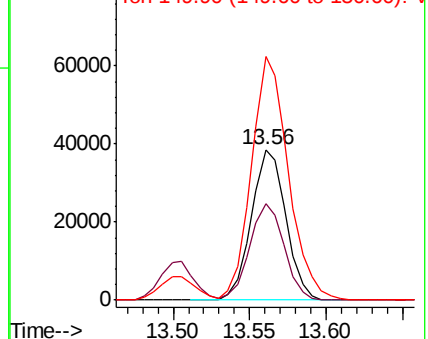
152 100

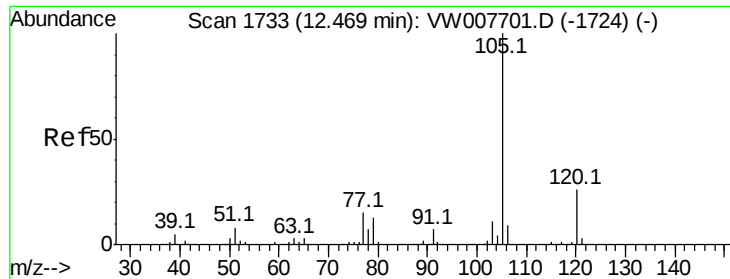
115 64.0 31.8 95.4

150 172.9 0.0 350.8



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: 46.726 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

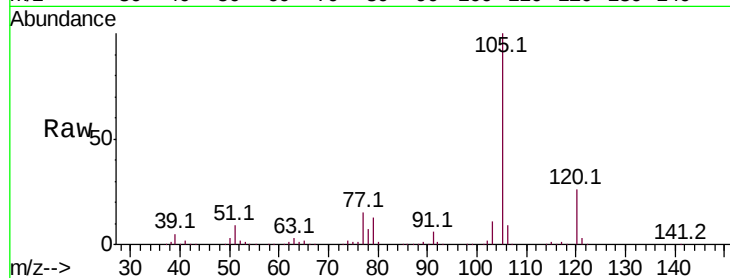
ClientSampled :

Tot Ion:105 Resp: 213479

Ion Ratio Lower Upper

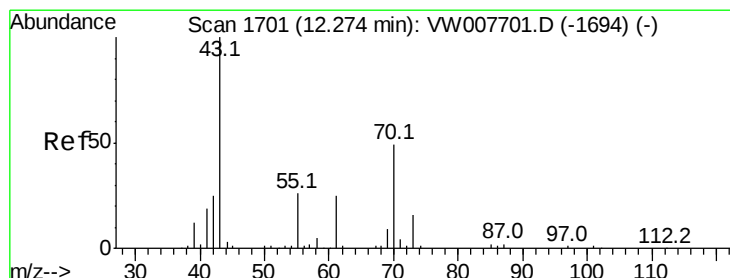
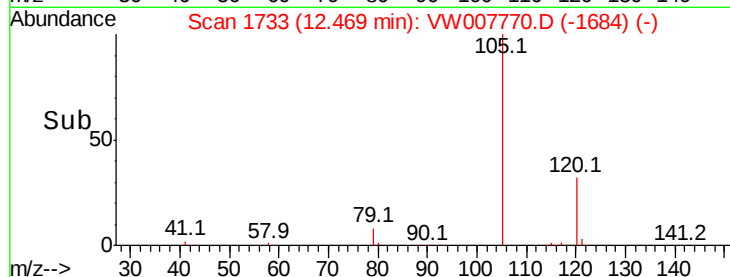
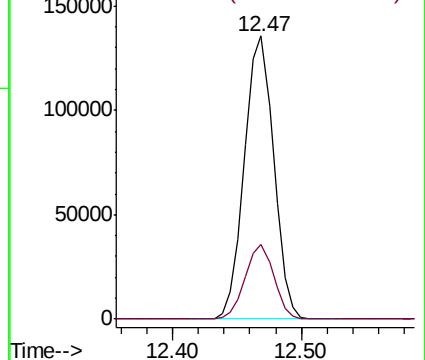
105 100

120 25.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.372 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 43 Resp: 41446

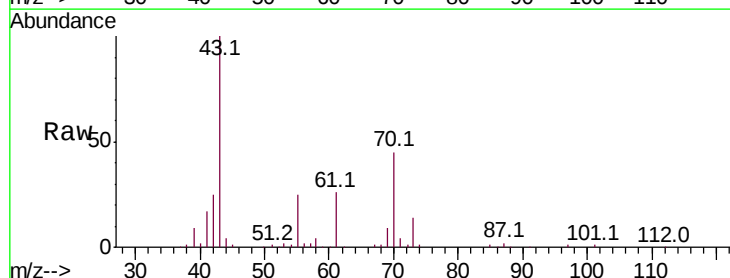
Ion Ratio Lower Upper

43 100

70 44.6 37.6 56.4

55 25.1 21.7 32.5

61 25.4 20.1 30.1

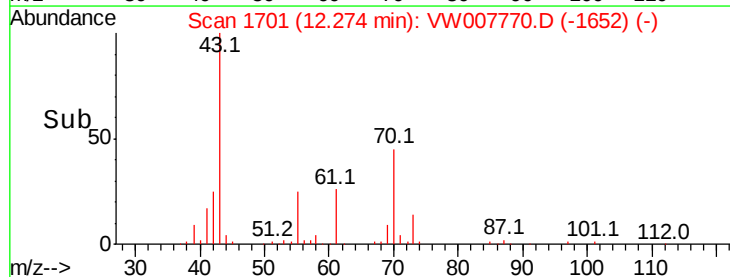
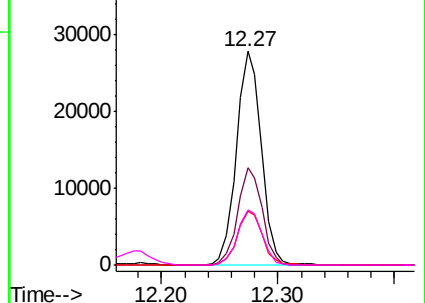


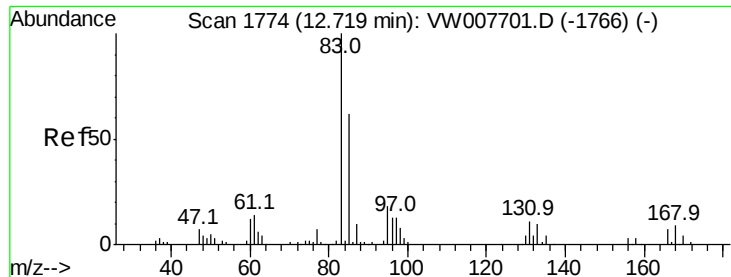
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.097 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampled :

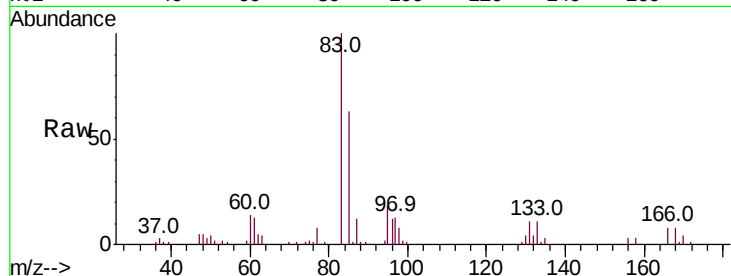
Tot Ion: 83 Resp: 32947

Ion	Ratio	Lower	Upper
83	100		
131	12.1	6.3	18.8
85	63.4	32.3	96.8

83 100

131 12.1 6.3 18.8

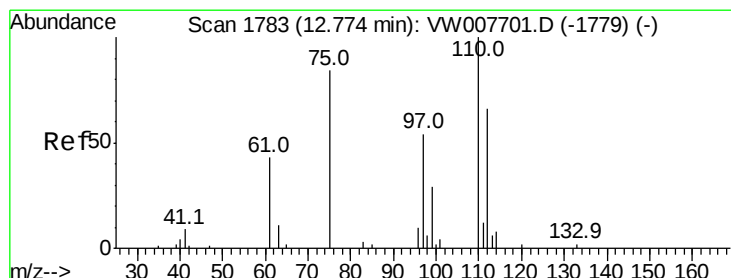
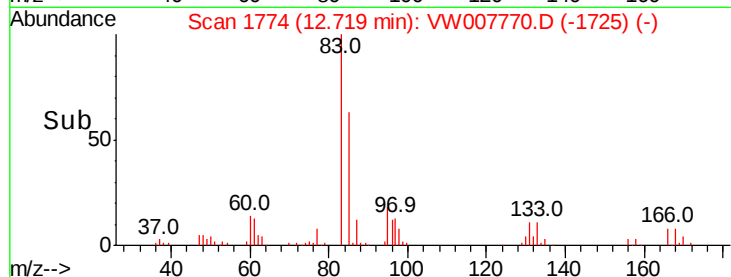
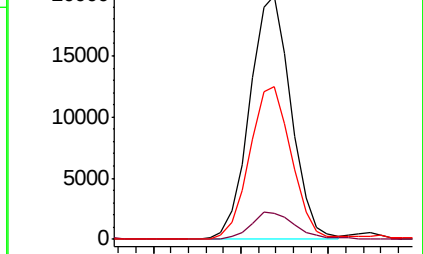
85 63.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.569 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007770.D

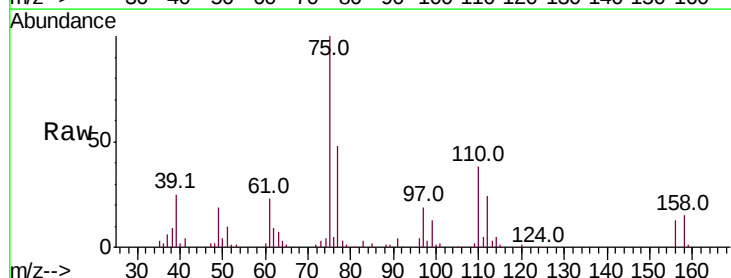
Acq: 21 Dec 2018 01:45

Tgt Ion: 75 Resp: 44646

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

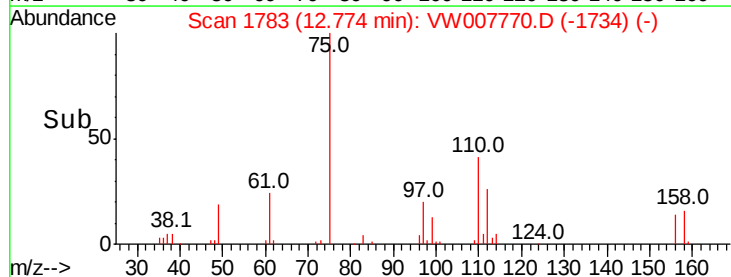
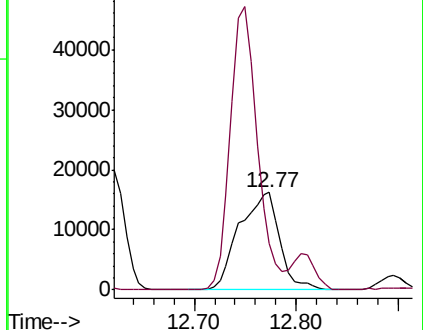
75 100

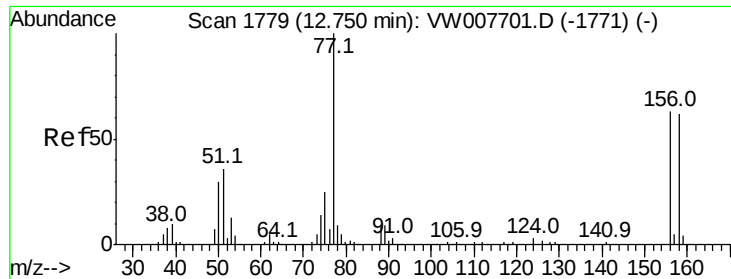
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 45.786 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

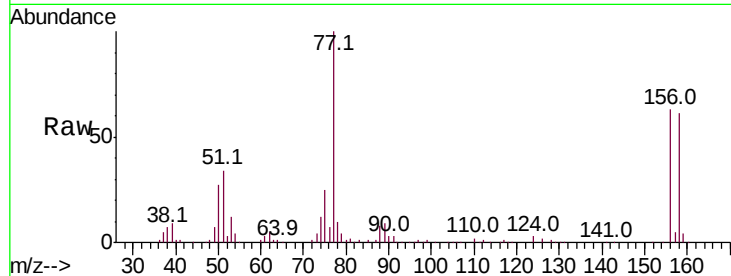
Tot Ion:156 Resp: 47940

Ion Ratio Lower Upper

156 100

77 181.0 87.4 262.1

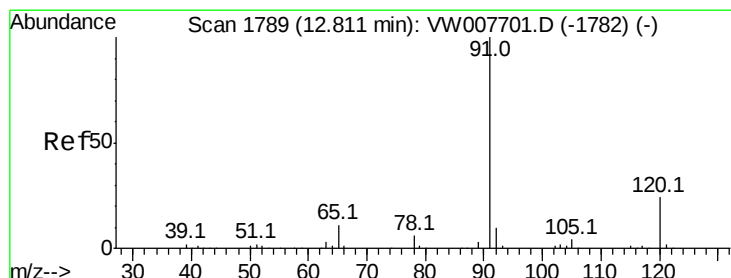
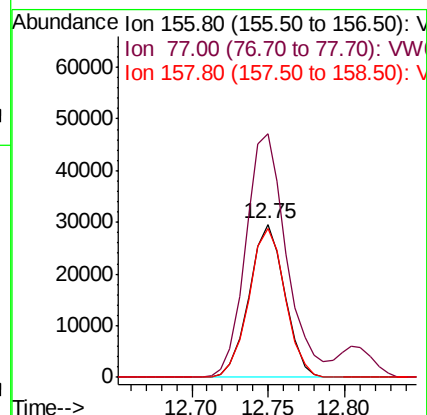
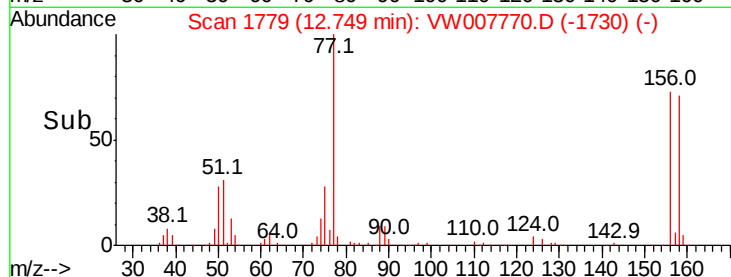
158 98.5 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.939 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007770.D

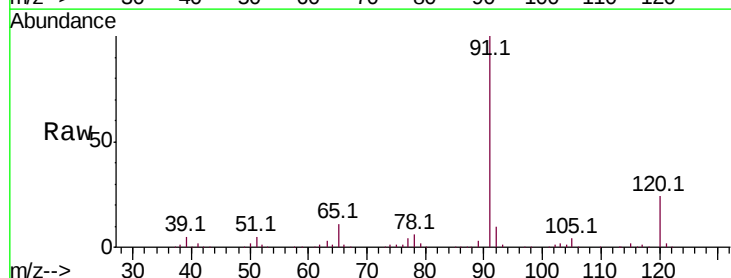
Acq: 21 Dec 2018 01:45

Tgt Ion: 91 Resp: 244316

Ion Ratio Lower Upper

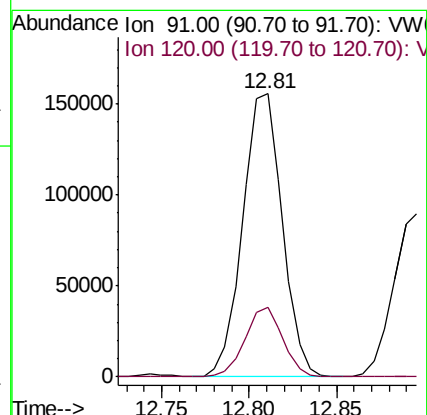
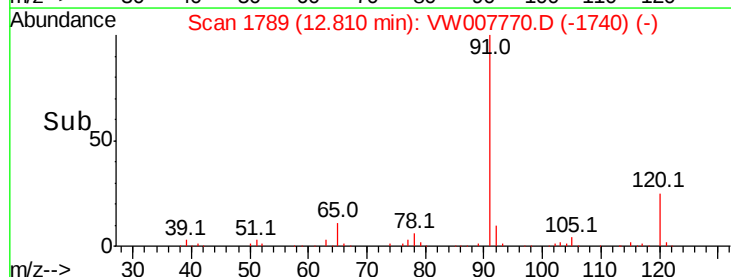
91 100

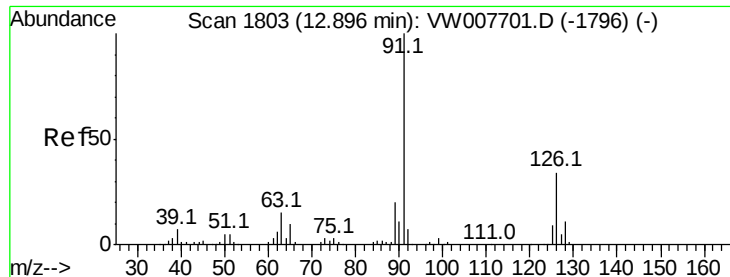
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.220 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

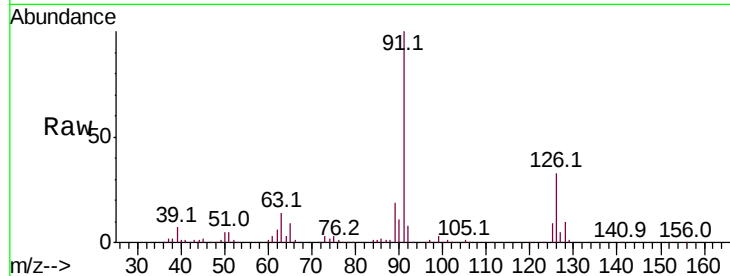
ClientSampled :

Tot Ion: 91 Resp: 146297

Ion Ratio Lower Upper

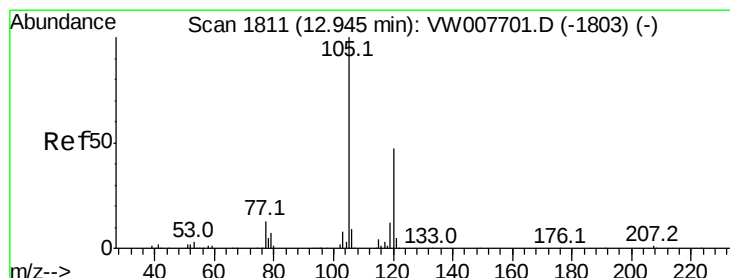
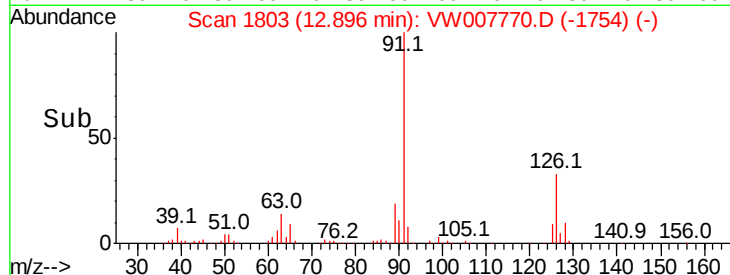
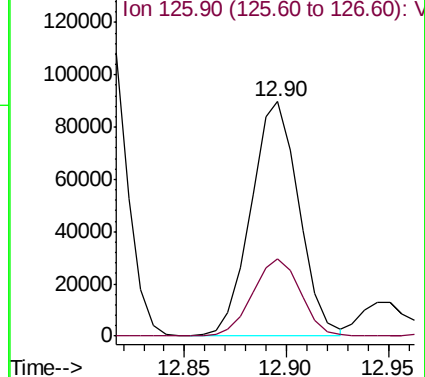
91 100

126 33.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.623 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007770.D

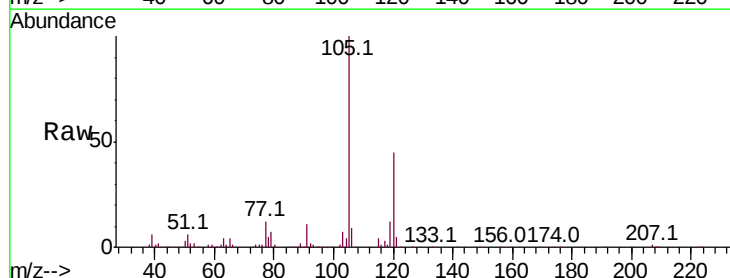
Acq: 21 Dec 2018 01:45

Tgt Ion:105 Resp: 187675

Ion Ratio Lower Upper

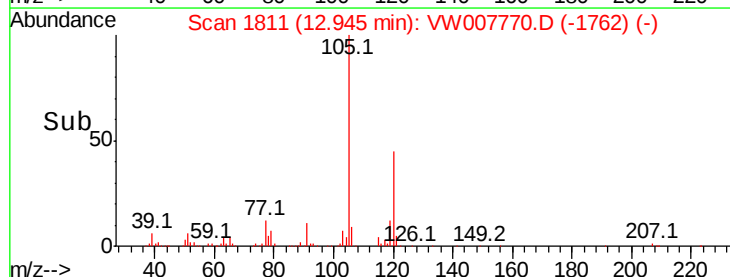
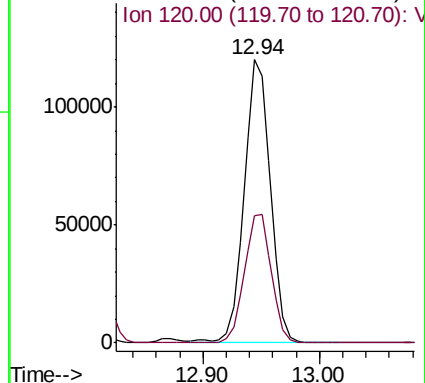
105 100

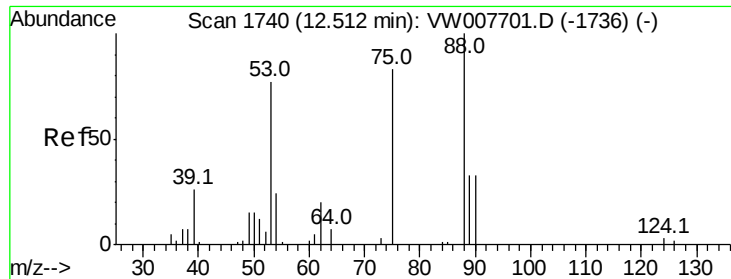
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

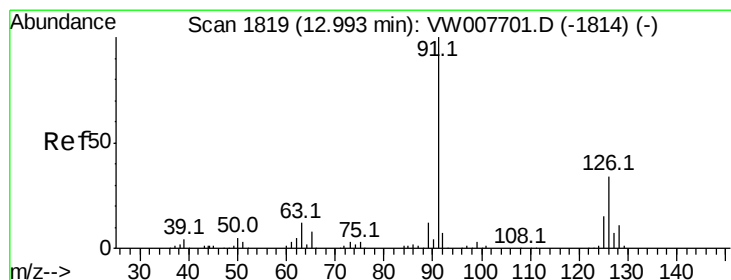
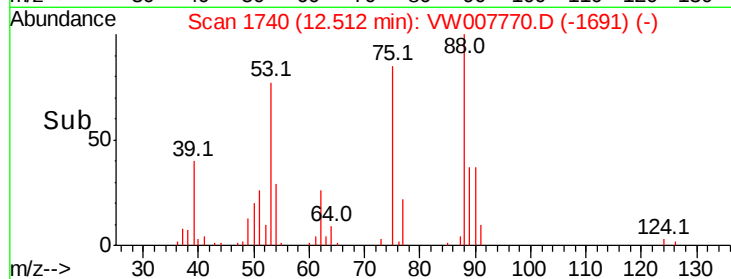
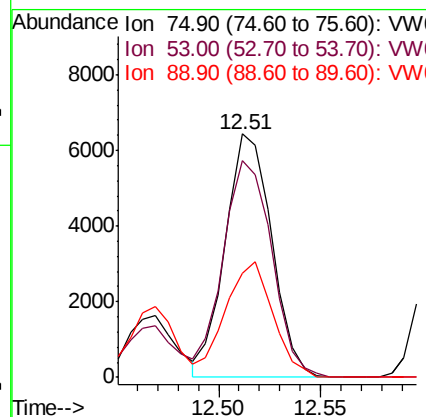
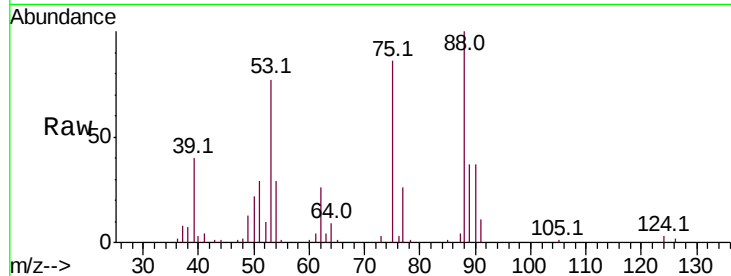




#81
trans-1,4-Dichloro-2-butene
Concen: 45.710 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

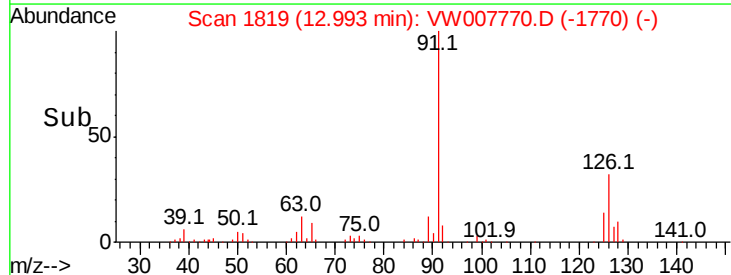
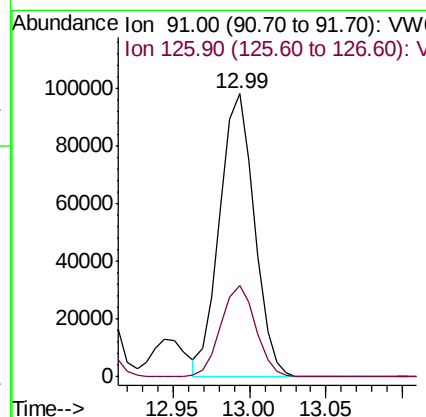
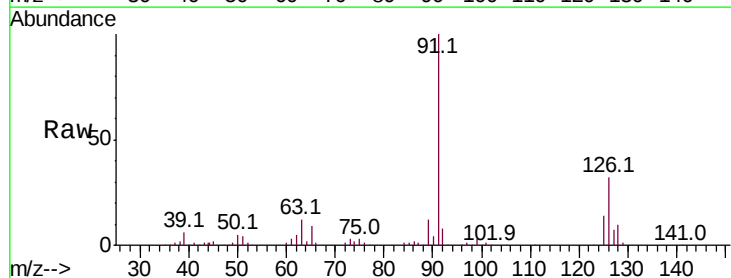
Instrument :
MSVOA_W
ClientSampleId :

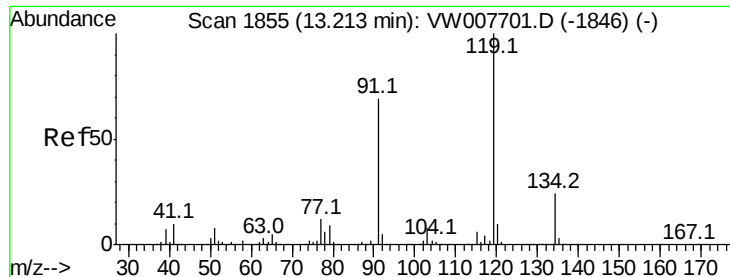
Tot Ion: 75 Resp: 10173
Ion Ratio Lower Upper
75 100
53 93.2 80.2 120.2
89 48.6 39.2 58.8



#82
4-Chlorotoluene
Concen: 46.970 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 91 Resp: 154945
Ion Ratio Lower Upper
91 100
126 32.3 16.5 49.5

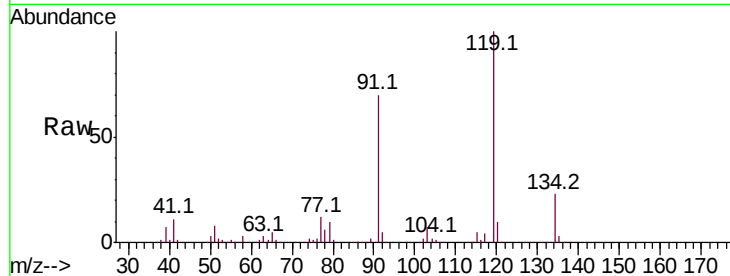




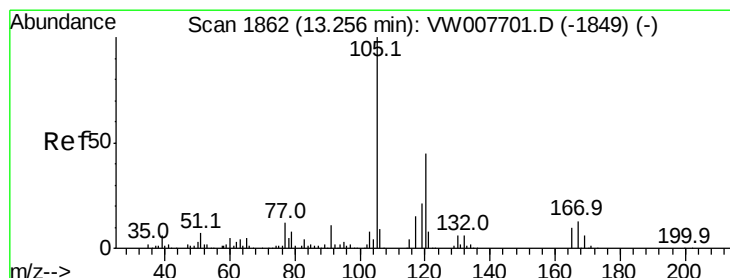
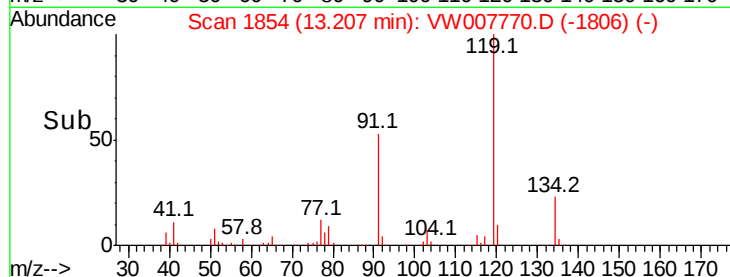
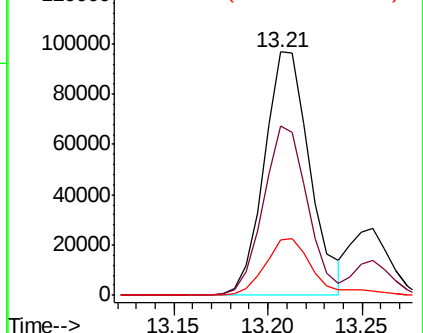
#83
tert-Butylbenzene
Concen: 47.078 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 162787
Ion Ratio Lower Upper
119 100
91 67.1 34.2 102.5
134 24.9 12.8 38.4

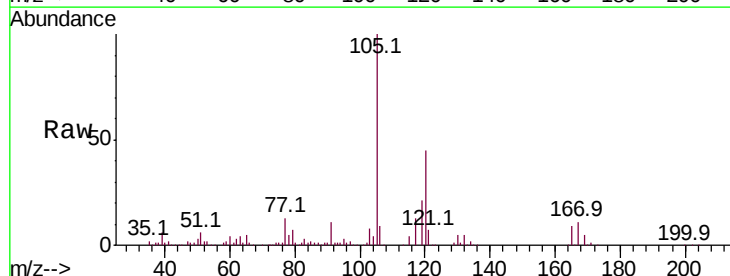


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

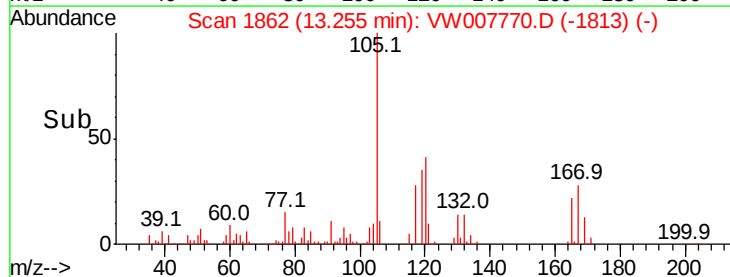
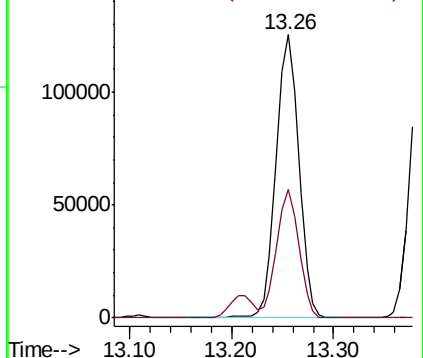


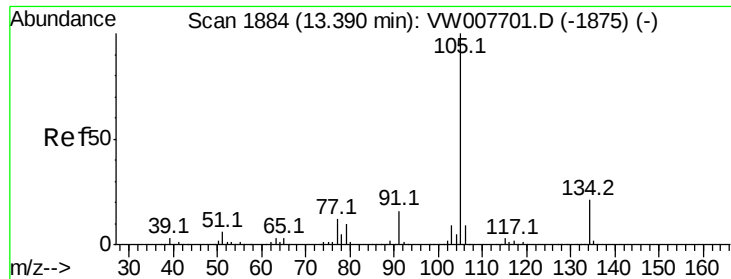
#84
1,2,4-Trimethylbenzene
Concen: 48.461 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:105 Resp: 192706
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0



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

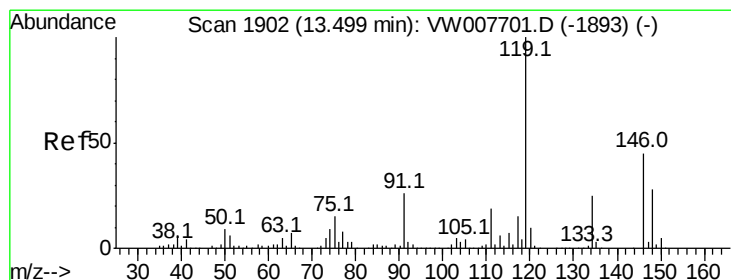
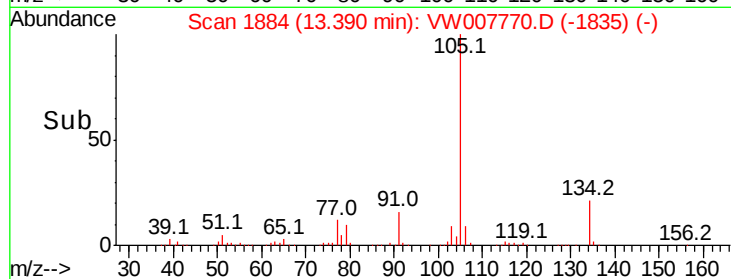
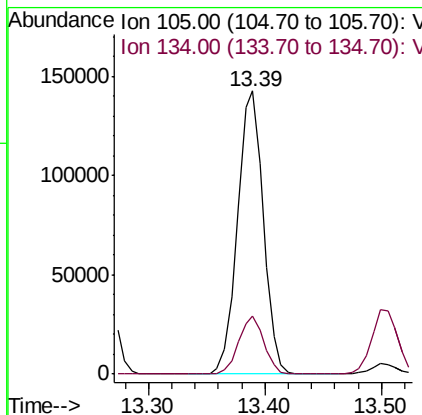
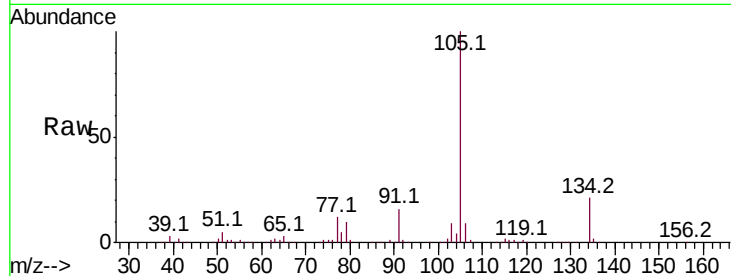




#85
 sec-Butylbenzene
 Concen: 46.165 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

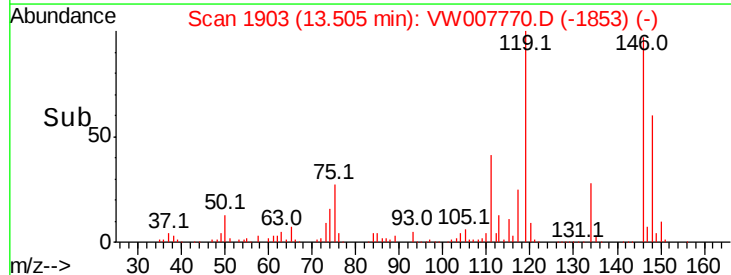
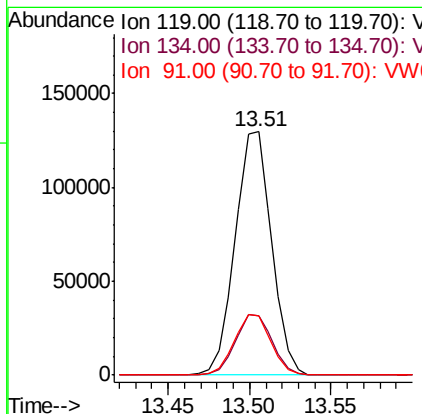
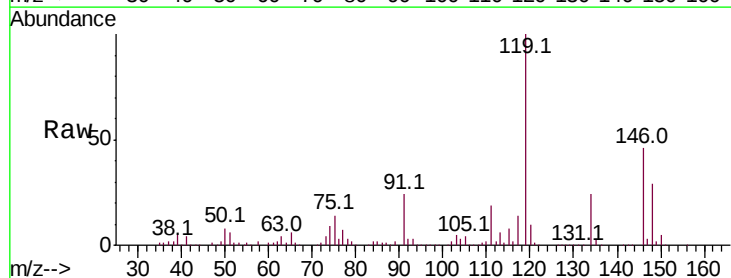
Instrument :
 MSVOA_W
 ClientSampleId :

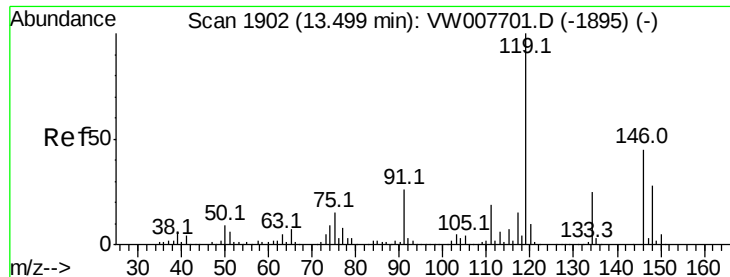
Tot Ion:105 Resp: 219999
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 46.538 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion:119 Resp: 201666
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 25.0 12.8 38.4

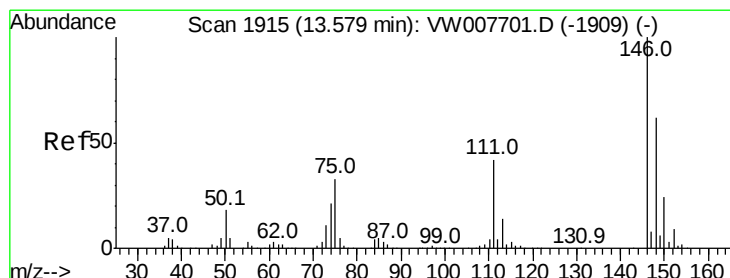
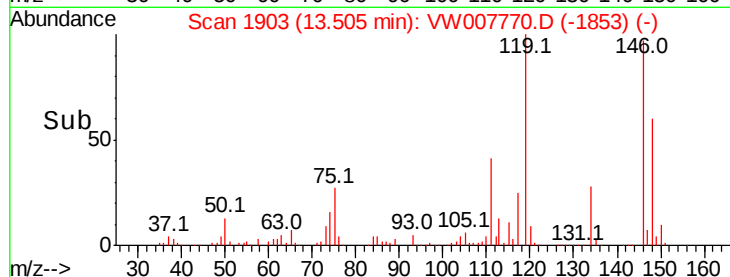
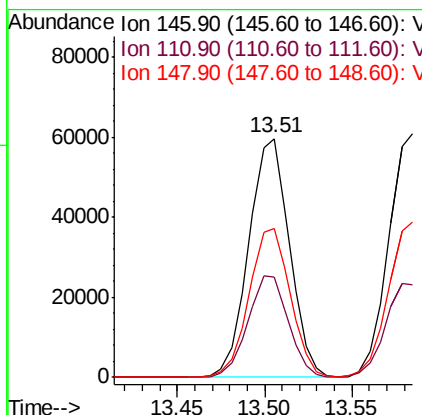
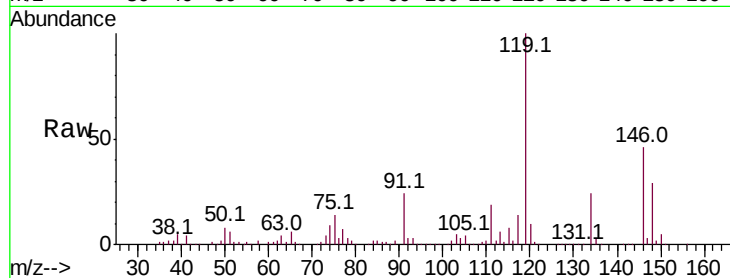




#87
 1,3-Dichlorobenzene
 Concen: 46.379 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

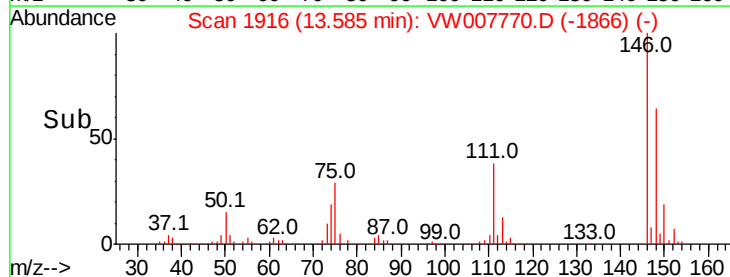
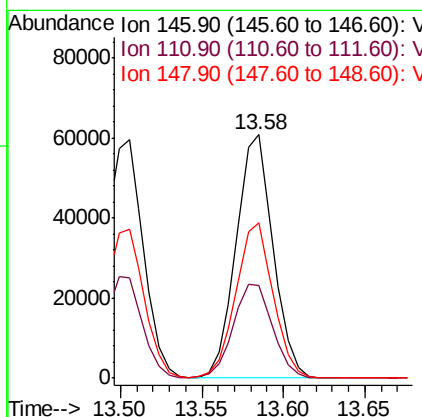
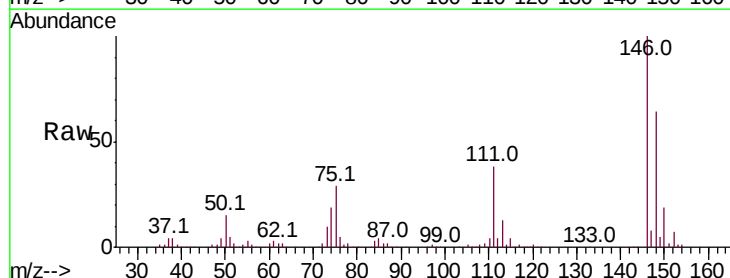
Instrument :
 MSVOA_W
 ClientSampleId :

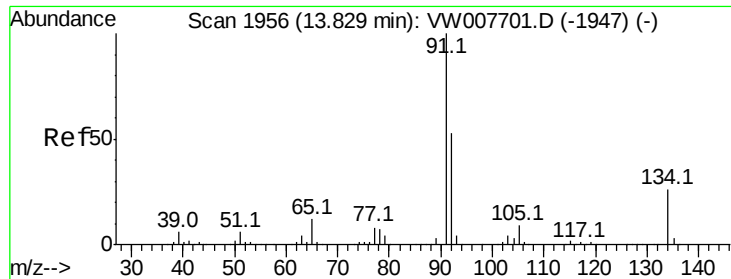
Tot Ion:146 Resp: 96417
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.4
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.166 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion:146 Resp: 96002
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.0 63.0
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 46.009 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

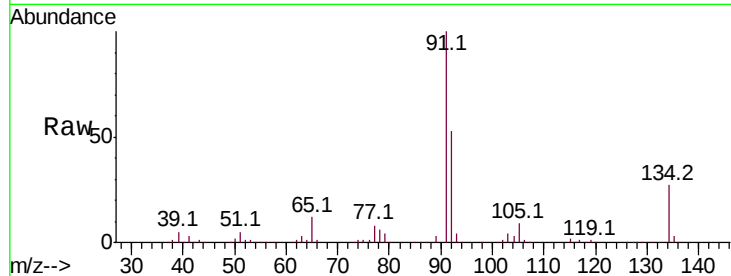
Tot Ion: 91 Resp: 182799

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

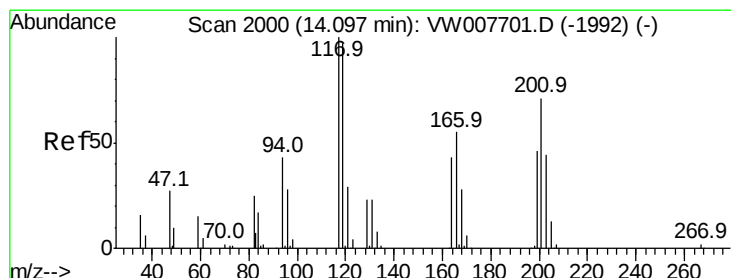
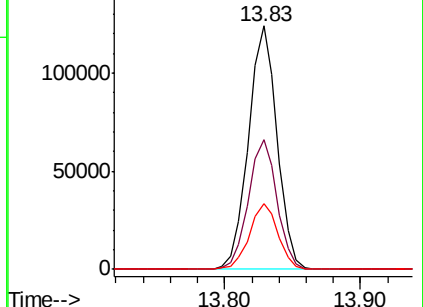
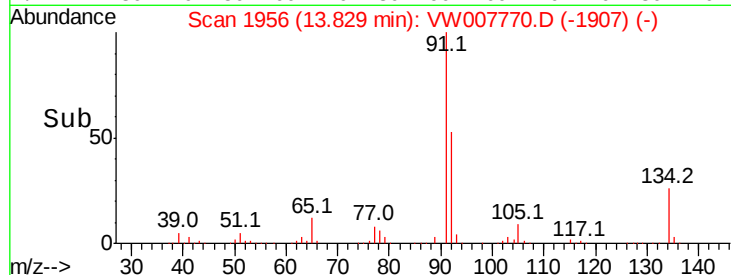
134 27.1 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 38.811 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007770.D

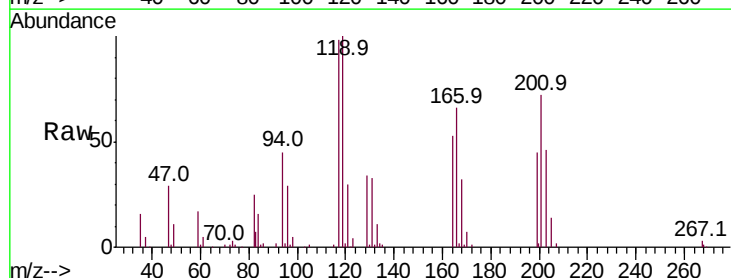
Acq: 21 Dec 2018 01:45

Tgt Ion: 117 Resp: 29526

Ion Ratio Lower Upper

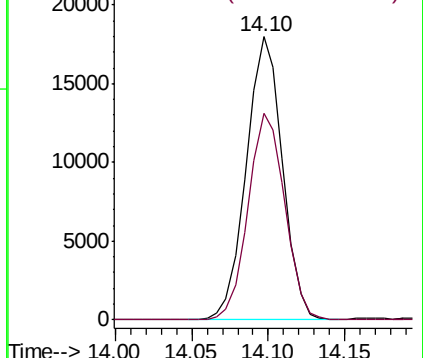
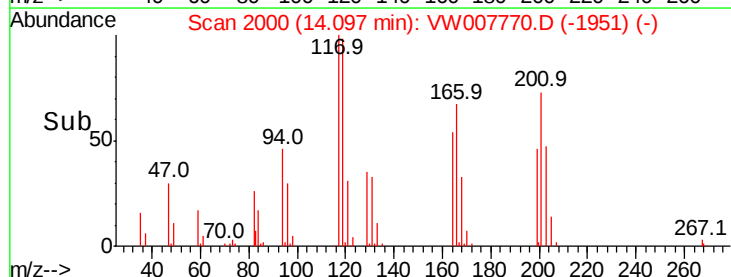
117 100

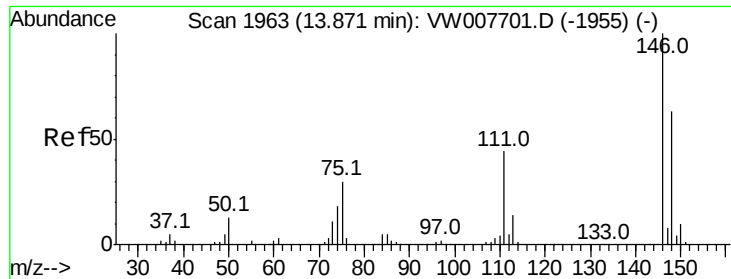
201 74.1 36.2 108.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 46.314 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

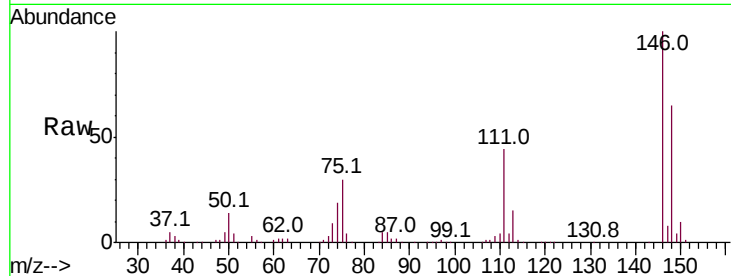
Tot Ion:146 Resp: 86204

Ion Ratio Lower Upper

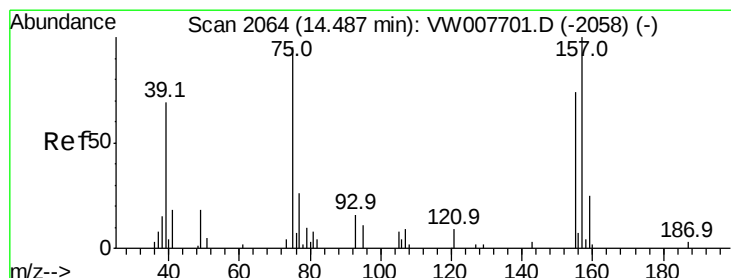
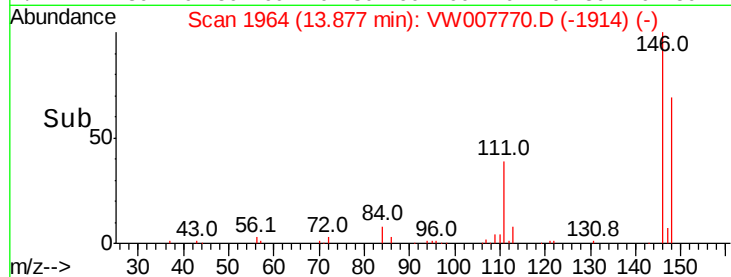
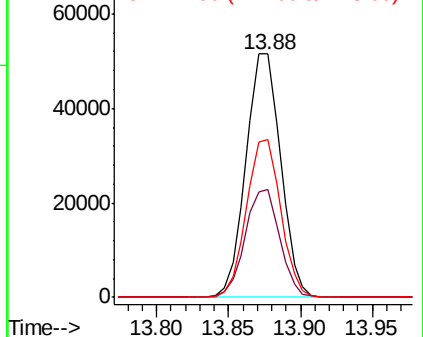
146 100

111 44.1 21.7 65.1

148 63.9 32.1 96.5



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: 43.241 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

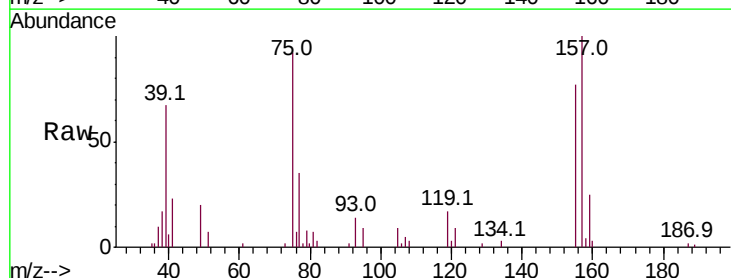
Tgt Ion: 75 Resp: 6083

Ion Ratio Lower Upper

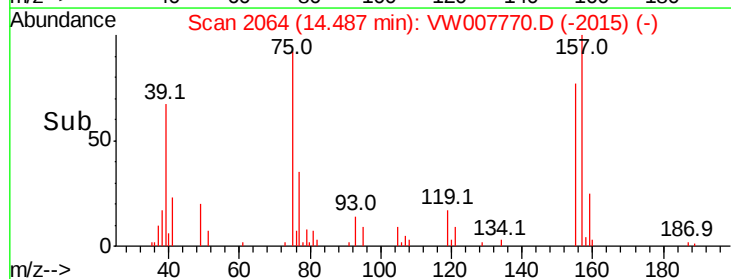
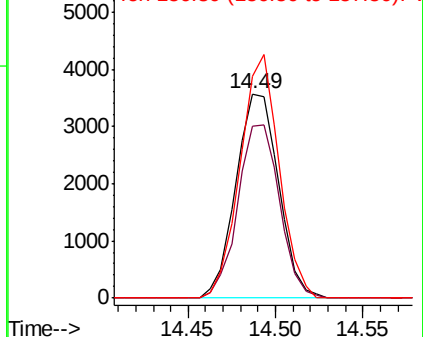
75 100

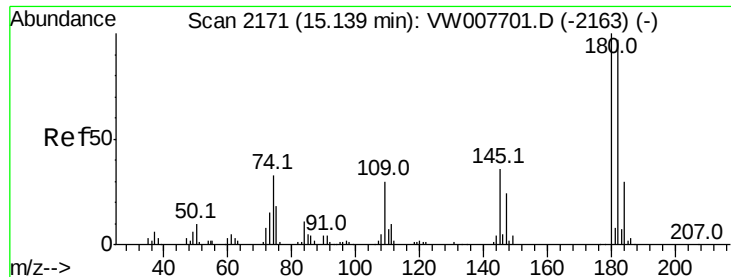
155 83.0 39.4 118.1

157 108.7 52.0 156.0



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

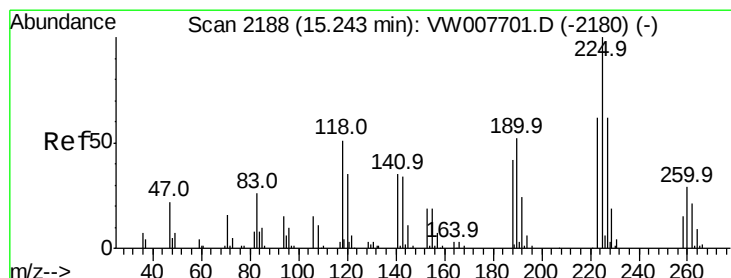
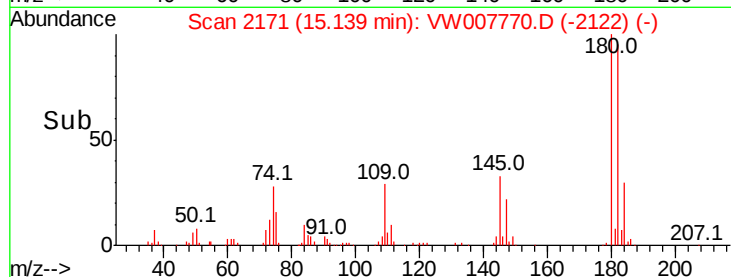
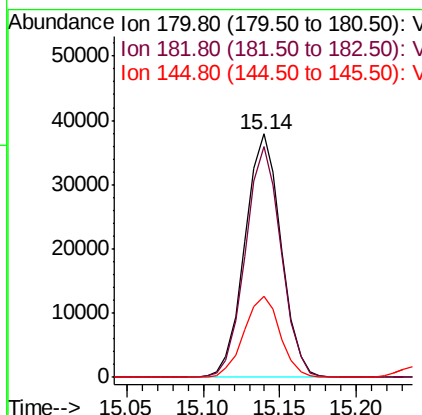
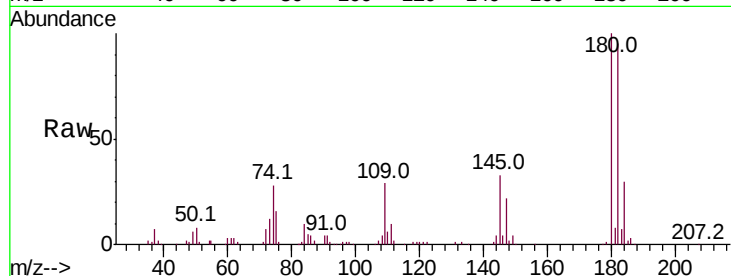




#93
 1,2,4-Trichlorobenzene
 Concen: 48.132 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

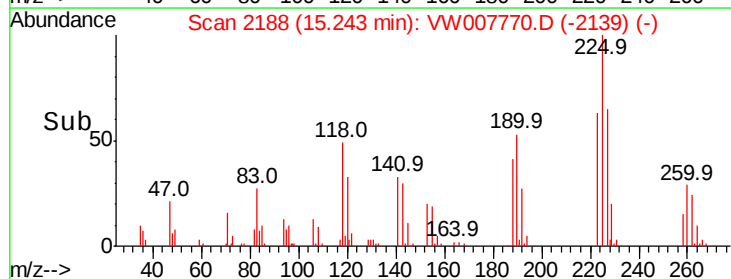
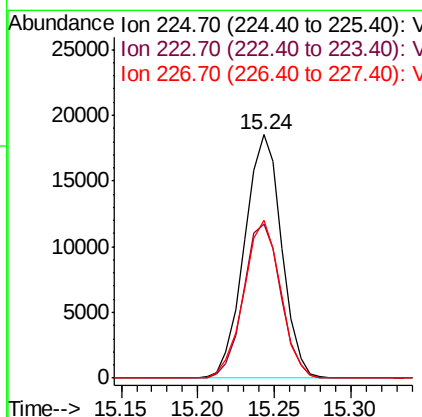
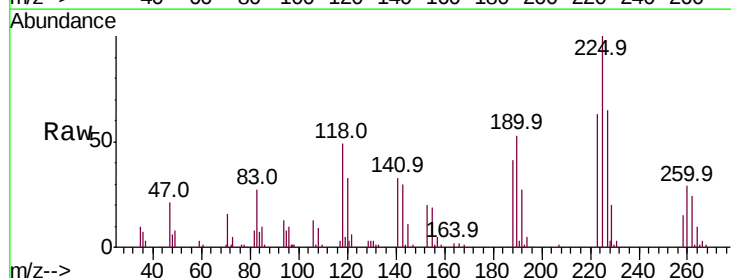
Instrument :
 MSVOA_W
 ClientSampleId :

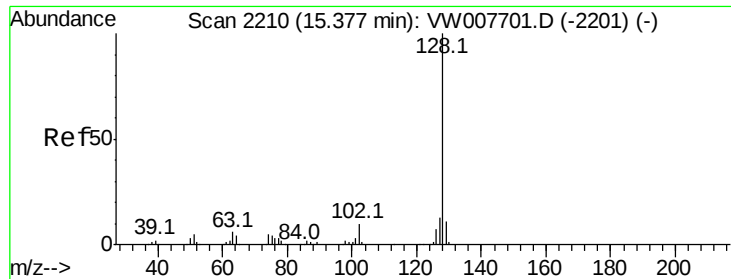
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	33.3	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 45.245 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.8
227	64.0	32.1	96.3

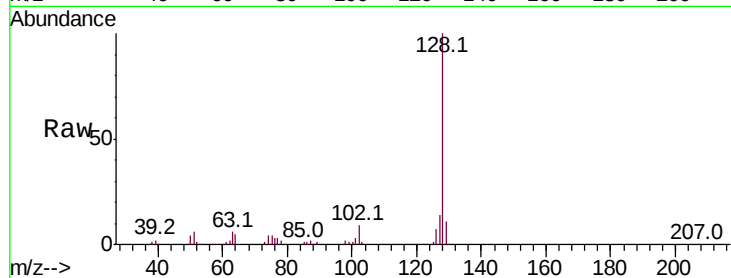




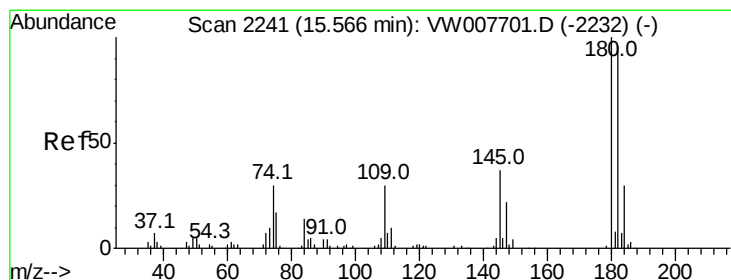
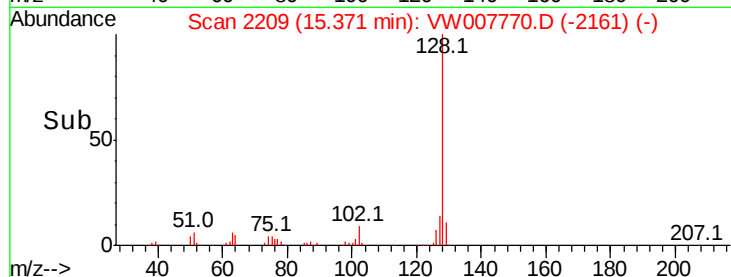
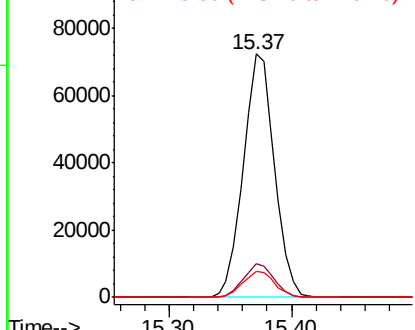
#95
Naphthalene
Concen: 53.484 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 127758
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.9 8.8 13.2

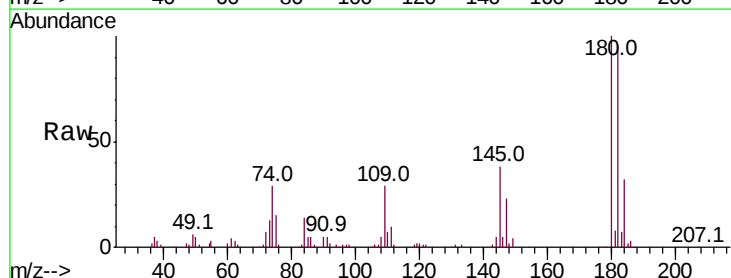


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 47.992 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:180 Resp: 53078
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 37.5 18.4 55.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

