

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007377.D
 Acq On : 11 Dec 2018 02:15
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Quant Time: Dec 11 03:08:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	143057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46967	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.88	113	44638	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	172987	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.62	95	59936	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25870	43.989	ug/l	99
3) Chloromethane	2.22	50	23366	47.439	ug/l	91
4) Vinyl Chloride	2.37	62	27584	47.722	ug/l	95
5) Bromomethane	2.78	94	19120	49.233	ug/l	99
6) Chloroethane	2.93	64	15671	49.252	ug/l	98
7) Trichlorofluoromethane	3.26	101	25184	48.462	ug/l	98
8) Diethyl Ether	3.68	74	18104	44.511	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	39642	46.232	ug/l	97
10) Methyl Iodide	4.26	142	68025	47.900	ug/l	99
11) Tert butyl alcohol	5.17	59	14673	228.823	ug/l	95
12) 1,1-Dichloroethene	4.04	96	38133	46.190	ug/l	97
13) Acrolein	3.89	56	8696	204.948	ug/l	100
14) Allyl chloride	4.66	41	58273	47.886	ug/l	98
15) Acrylonitrile	5.36	53	37817	220.559	ug/l	99
16) Acetone	4.12	43	35952	220.449	ug/l	99
17) Carbon Disulfide	4.38	76	119029	47.551	ug/l	99
18) Methyl Acetate	4.67	43	19337	43.686	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	58003	46.573	ug/l	99
20) Methylene Chloride	4.92	84	42231	47.128	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	43322	46.909	ug/l	97
22) Diisopropyl ether	6.31	45	110835	47.384	ug/l	94
23) Vinyl Acetate	6.26	43	305517	233.517	ug/l	100
24) 1,1-Dichloroethane	6.21	63	71440	45.189	ug/l	99
25) 2-Butanone	7.17	43	47308	222.198	ug/l	99
26) 2,2-Dichloropropane	7.17	77	49531	47.341	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47662	47.133	ug/l	98
28) Bromochloromethane	7.51	49	29667	49.890	ug/l	99
29) Tetrahydrofuran	7.52	42	30479	226.130	ug/l	98
30) Chloroform	7.68	83	79902	46.444	ug/l	99
31) Cyclohexane	7.96	56	64216	44.273	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72000	47.724	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61212	46.905	ug/l	99
37) Ethyl Acetate	7.25	43	21645	44.594	ug/l	97
38) Carbon Tetrachloride	8.07	117	68087	47.950	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007377.D
 Acq On : 11 Dec 2018 02:15
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVWV121118

Quant Time: Dec 11 03:08:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	74212	46.963	ug/l	94
40) Benzene	8.32	78	173025	47.775	ug/l	98
41) Methacrylonitrile	7.48	41	14394	52.076	ug/l	92
42) 1,2-Dichloroethane	8.40	62	52485	46.134	ug/l	99
43) Isopropyl Acetate	8.43	43	43778	45.660	ug/l	98
44) Trichloroethene	9.09	130	50225	48.564	ug/l	98
45) 1,2-Dichloropropane	9.37	63	40222	47.992	ug/l	96
46) Dibromomethane	9.46	93	22483	47.239	ug/l	95
47) Bromodichloromethane	9.64	83	58174	46.599	ug/l	95
48) Methyl methacrylate	9.44	41	21638	43.943	ug/l	97
49) 1,4-Dioxane	9.45	88	7257	939.728	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	102954	227.260	ug/l	99
52) Toluene	10.39	92	112352	47.937	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	55627	45.898	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66144	47.210	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30366	46.879	ug/l	93
56) Ethyl methacrylate	10.65	69	37552	48.232	ug/l	97
57) 1,3-Dichloropropane	10.93	76	48724	45.828	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	89674	249.761	ug/l	99
59) 2-Hexanone	10.97	43	73011	241.698	ug/l	98
60) Dibromochloromethane	11.13	129	39495	48.314	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28922	45.181	ug/l	100
64) Tetrachloroethene	10.87	164	41381	49.031	ug/l	92
65) Chlorobenzene	11.66	112	116169	47.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	42941	49.842	ug/l	98
67) Ethyl Benzene	11.73	91	204334	48.586	ug/l #	86
68) m/p-Xylenes	11.84	106	168512	103.067	ug/l	92
69) o-Xylene	12.17	106	77689	50.878	ug/l	98
70) Styrene	12.18	104	130390	52.867	ug/l	97
71) Bromoform	12.35	173	20998	47.617	ug/l #	97
73) Isopropylbenzene	12.47	105	213350	48.624	ug/l	97
74) N-amyl acetate	12.27	43	36011	45.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	31886	49.064	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	42737	90.514	ug/l	37
77) Bromobenzene	12.75	156	47942	49.293	ug/l	96
78) n-propylbenzene	12.80	91	254736	51.586	ug/l	97
79) 2-Chlorotoluene	12.90	91	140840	47.137	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	179969	48.814	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	10659	49.869	ug/l	85
82) 4-Chlorotoluene	12.99	91	152543	48.433	ug/l	98
83) tert-Butylbenzene	13.21	119	158862	48.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	191251	50.410	ug/l	97
85) sec-Butylbenzene	13.39	105	226309	51.031	ug/l	93
86) p-Isopropyltoluene	13.50	119	200766	50.392	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	89750	46.283	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	92499	47.447	ug/l	99
89) n-Butylbenzene	13.83	91	176892	47.894	ug/l	98
90) Hexachloroethane	14.10	117	33668	47.495	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	83940	48.329	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6048	46.374	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007377.D
Acq On : 11 Dec 2018 02:15
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV121118

Quant Time: Dec 11 03:08:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

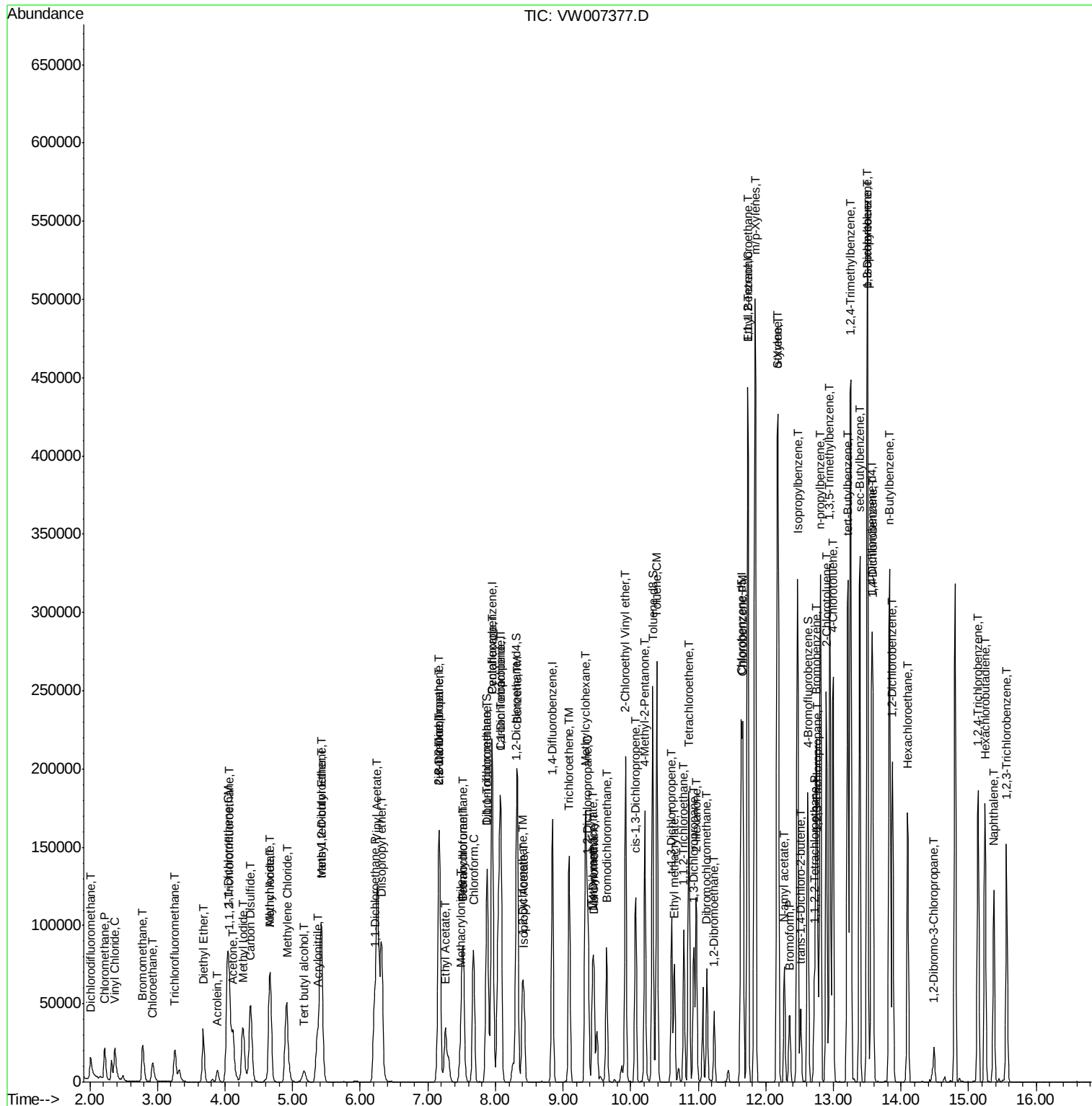
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57889	48.432	ug/l	96
94) Hexachlorobutadiene	15.24	225	31268	49.303	ug/l	98
95) Naphthalene	15.37	128	109055	47.693	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	51444	49.546	ug/l	99

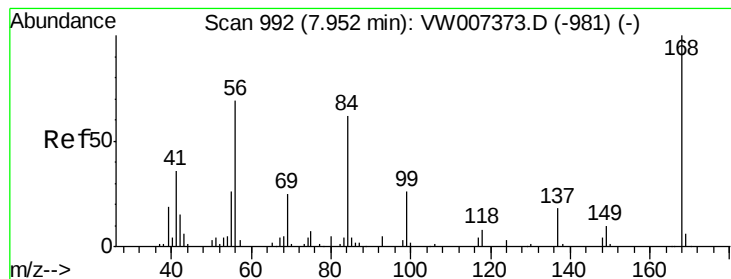
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007377.D
 Acq On : 11 Dec 2018 02:15
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW121118

Quant Time: Dec 11 03:08:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

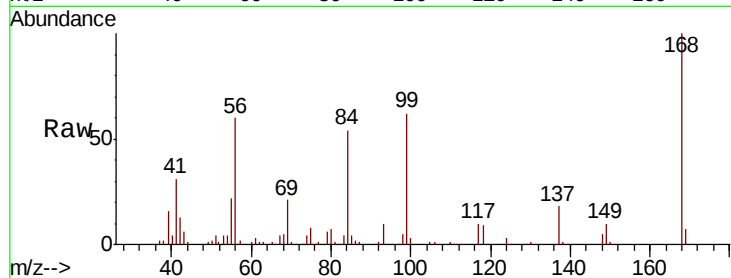
ICVW121118

Tgt Ion: 168 Resp: 84159

Ion Ratio Lower Upper

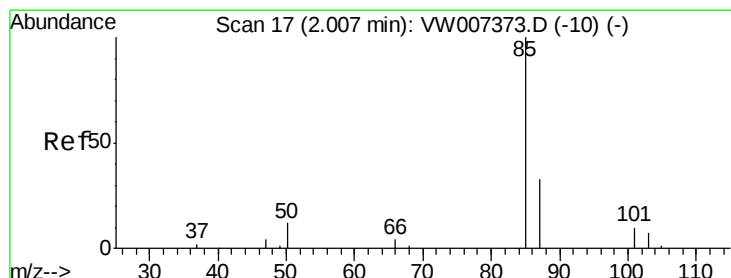
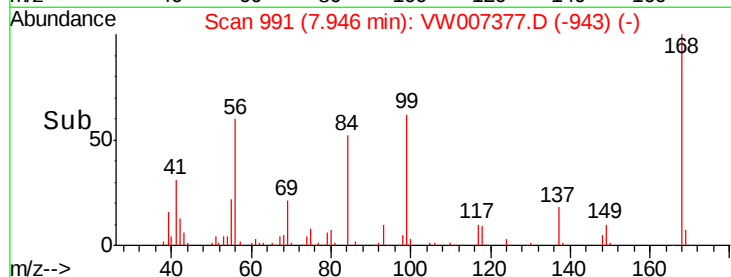
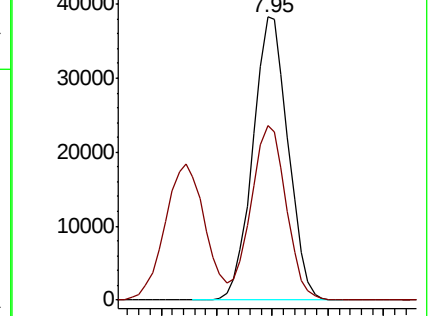
168 100

99 61.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 43.989 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW007377.D

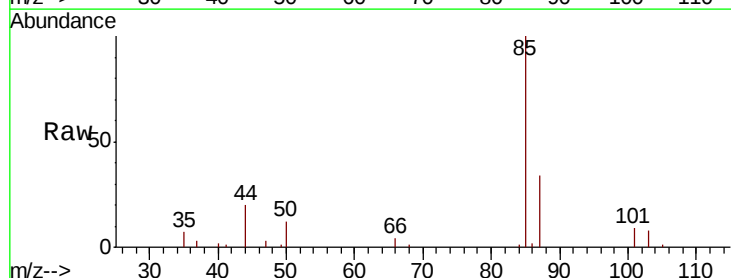
Acq: 11 Dec 2018 02:15

Tgt Ion: 85 Resp: 25870

Ion Ratio Lower Upper

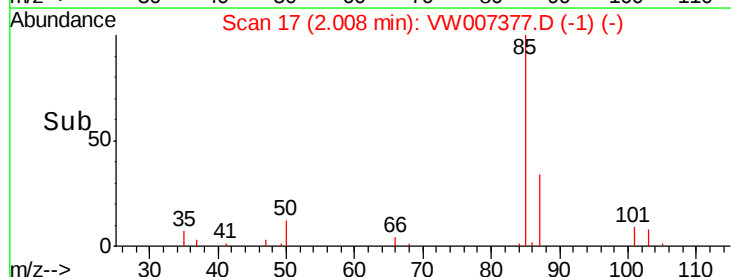
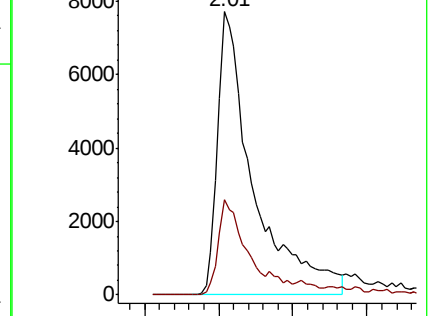
85 100

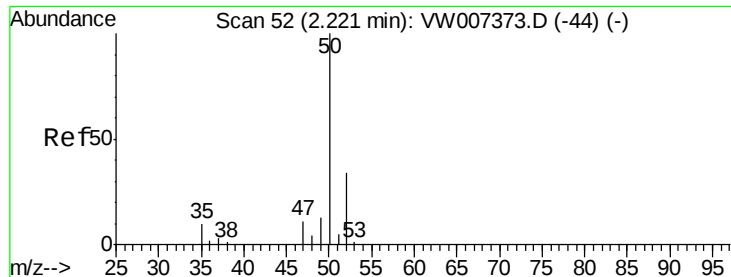
87 33.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.439 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

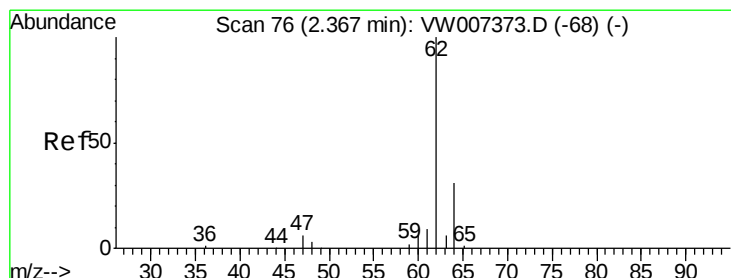
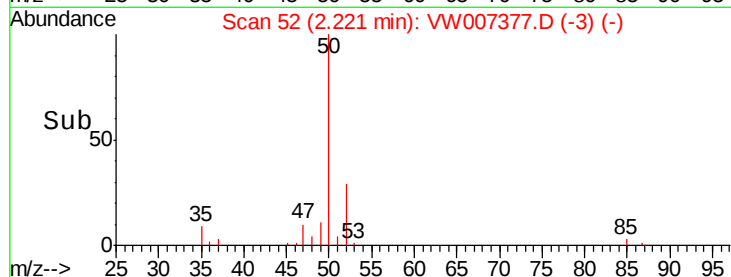
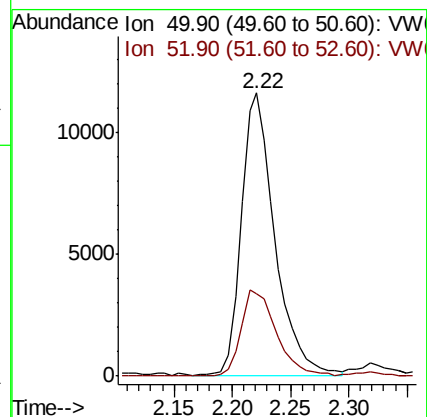
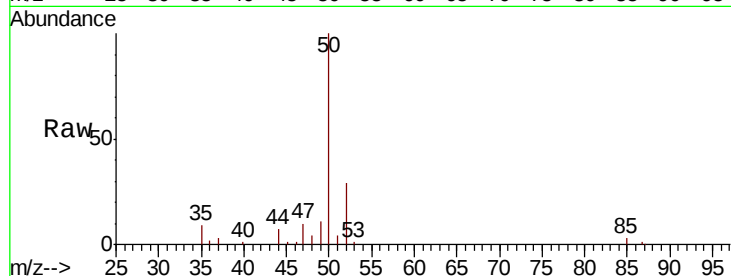
ICVW121118

Tgt Ion: 50 Resp: 23366

Ion Ratio Lower Upper

50 100

52 29.3 27.4 41.0



#4

Vinyl Chloride

Concen: 47.722 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007377.D

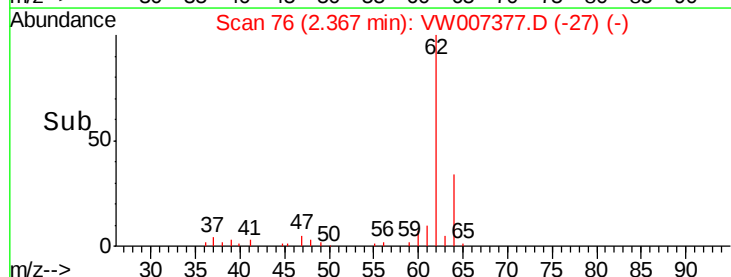
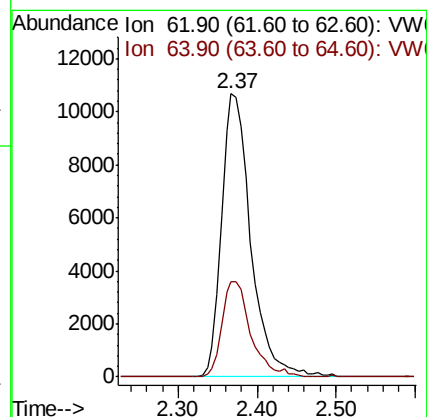
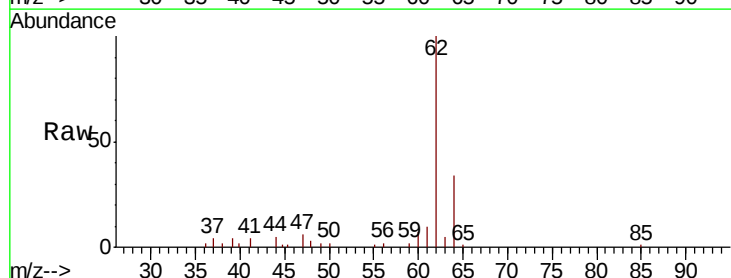
Acq: 11 Dec 2018 02:15

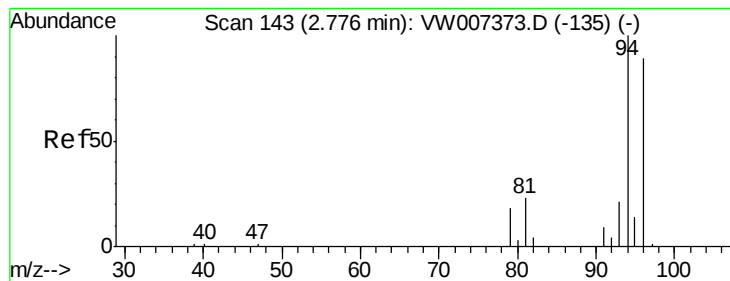
Tgt Ion: 62 Resp: 27584

Ion Ratio Lower Upper

62 100

64 33.6 24.6 37.0





#5

Bromomethane

Concen: 49.233 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

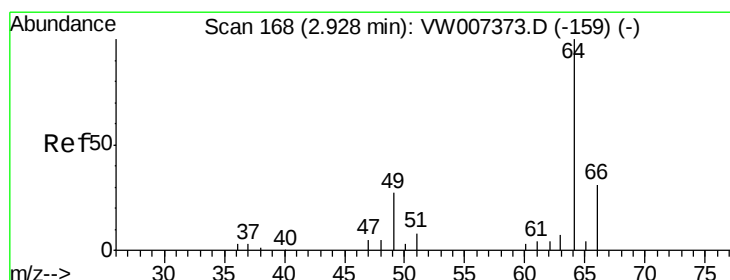
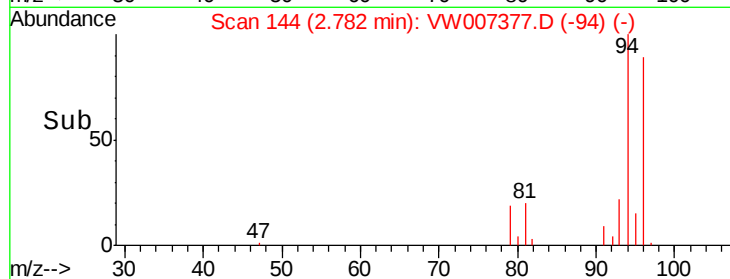
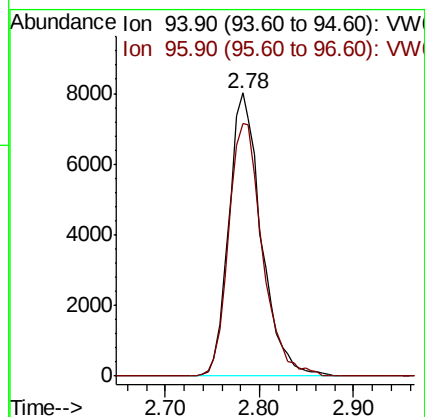
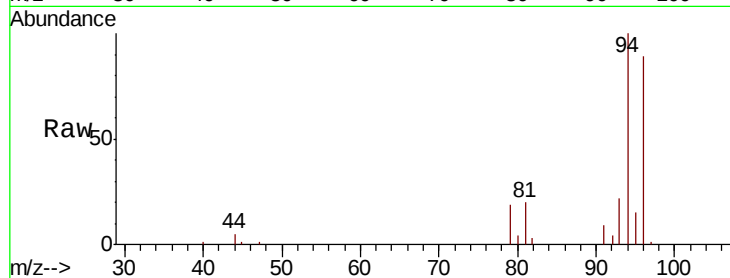
ICVW121118

Tgt Ion: 94 Resp: 19120

Ion Ratio Lower Upper

94 100

96 89.5 71.0 106.4



#6

Chloroethane

Concen: 49.252 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007377.D

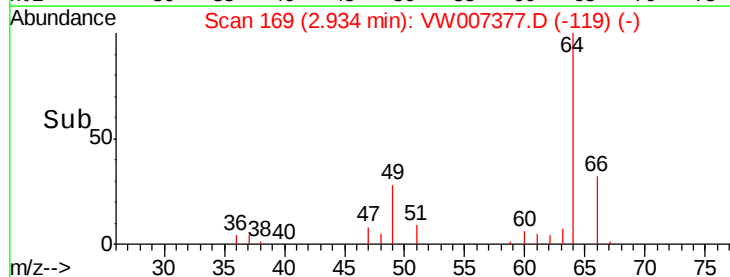
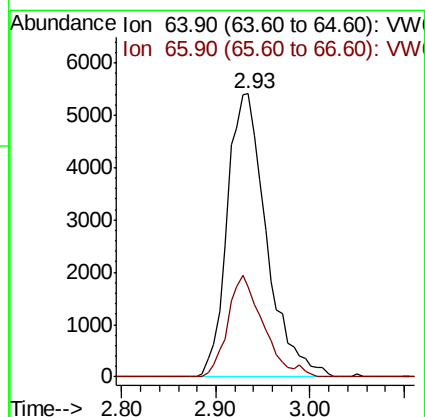
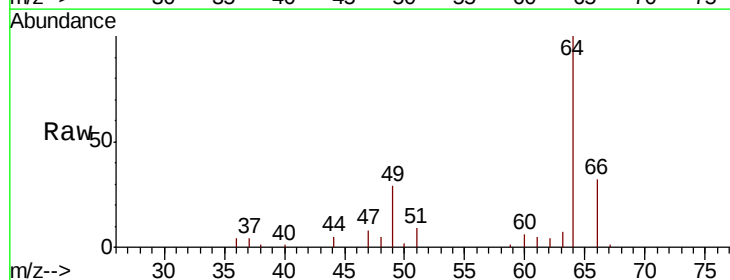
Acq: 11 Dec 2018 02:15

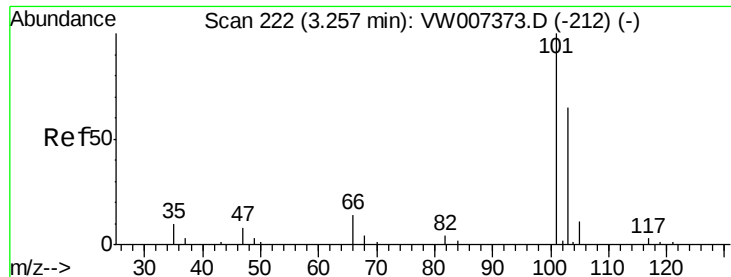
Tgt Ion: 64 Resp: 15671

Ion Ratio Lower Upper

64 100

66 32.0 24.6 37.0



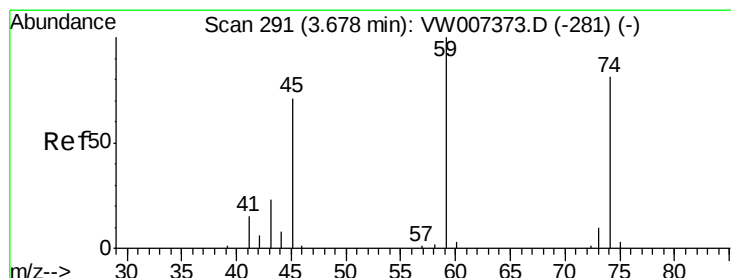
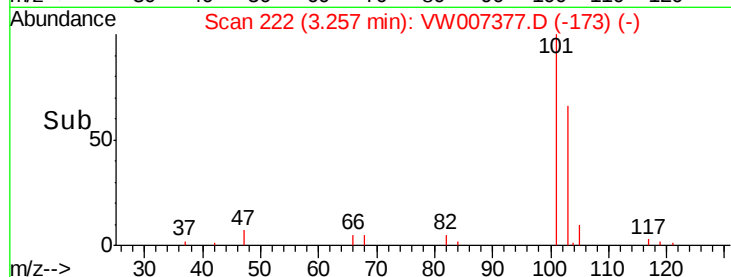
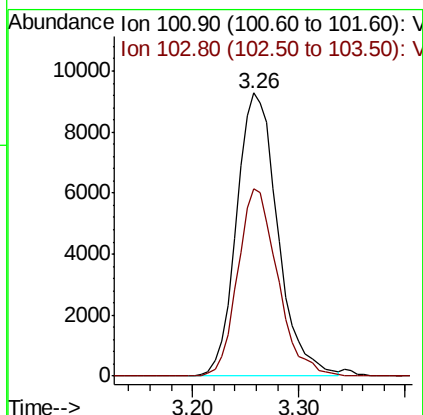
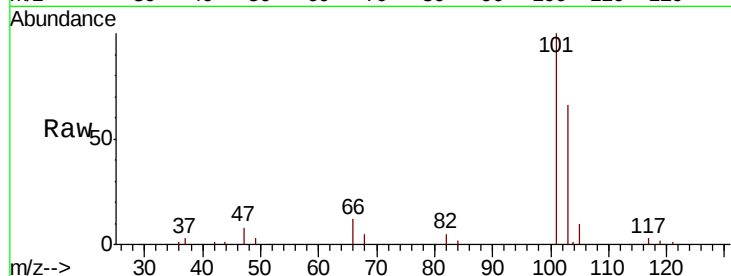


#7

Trichlorofluoromethane
 Concen: 48.462 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW121118

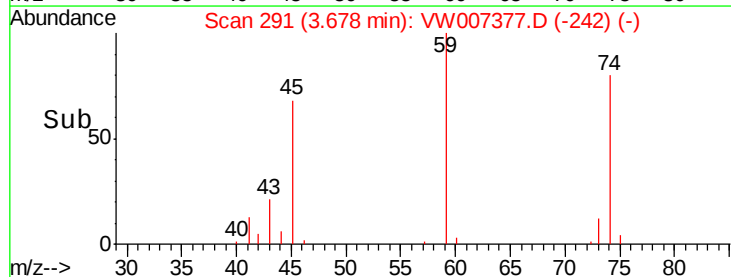
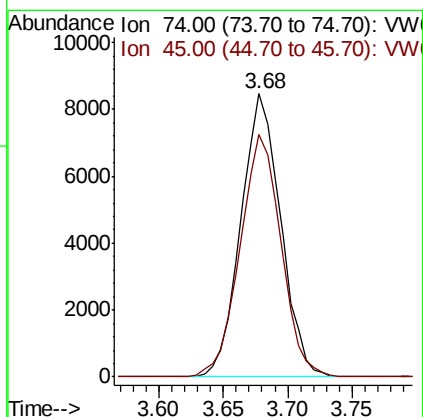
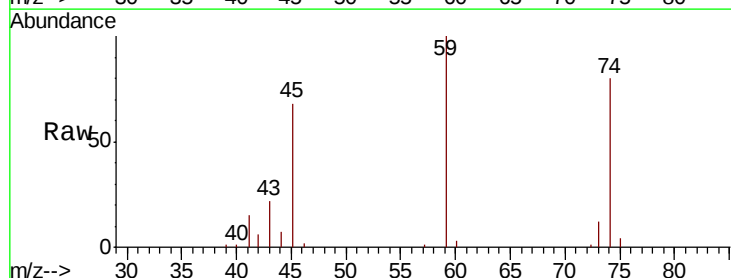
Tgt Ion: 101 Resp: 25184
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.7 77.5

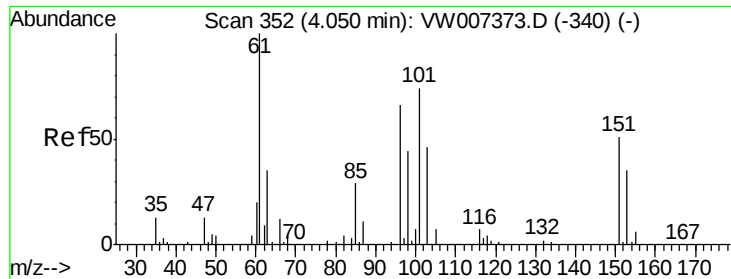


#8

Diethyl Ether
 Concen: 44.511 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 74 Resp: 18104
 Ion Ratio Lower Upper
 74 100
 45 88.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.232 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.02 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

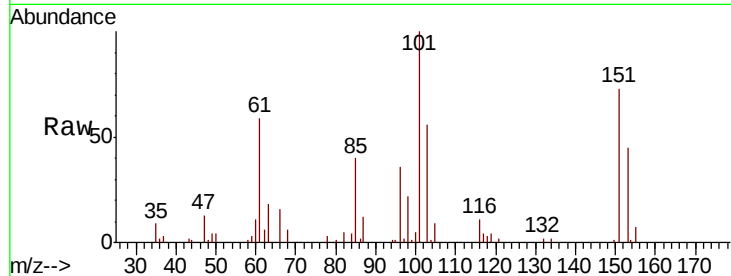
Tgt Ion:101 Resp: 39642

Ion Ratio Lower Upper

101 100

85 43.9 33.9 50.9

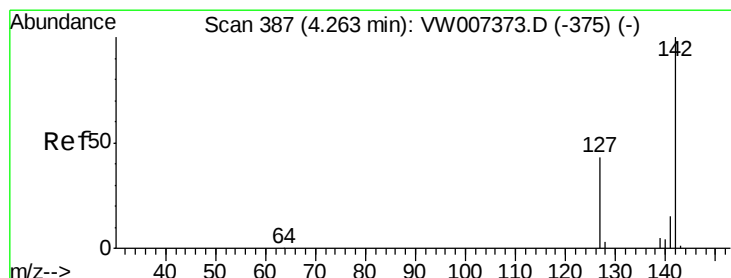
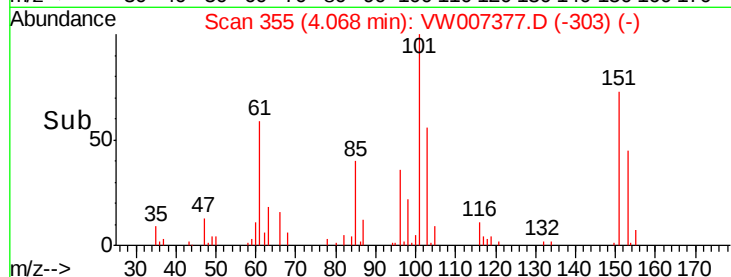
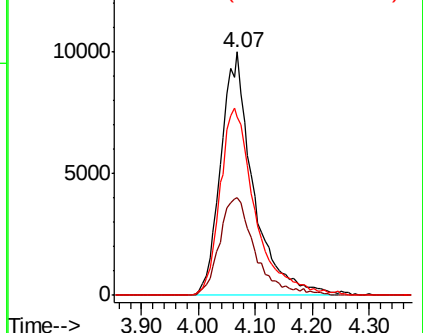
151 82.9 63.7 95.5



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: 47.900 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

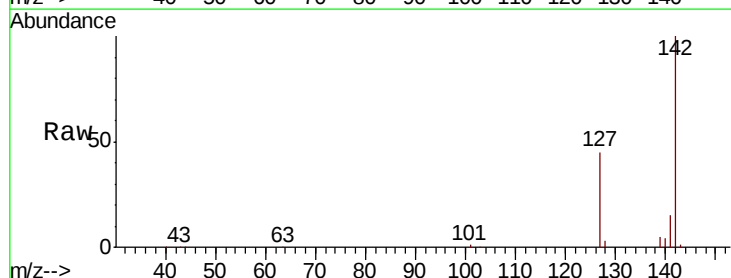
Tgt Ion:142 Resp: 68025

Ion Ratio Lower Upper

142 100

127 45.1 35.8 53.6

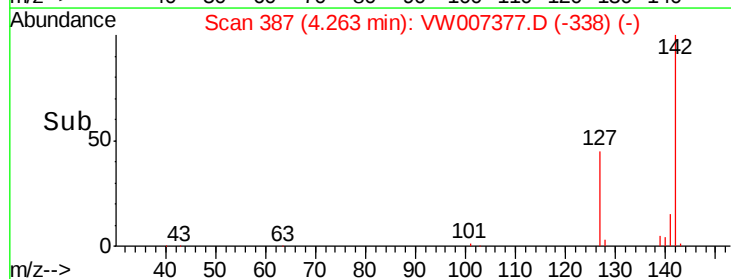
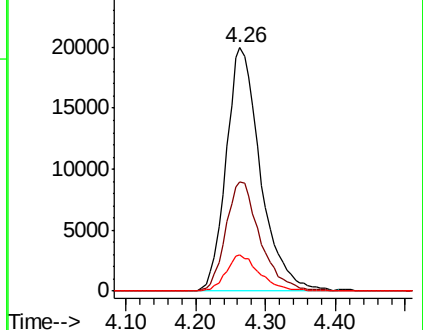
141 14.5 11.1 16.7

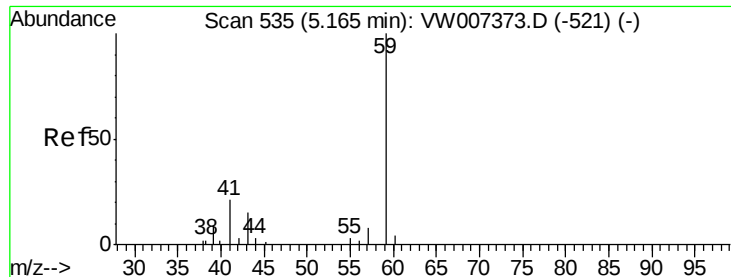


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

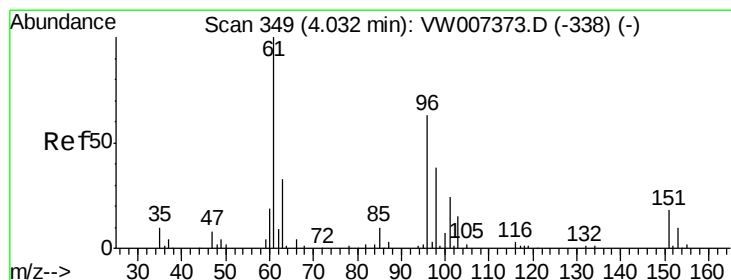
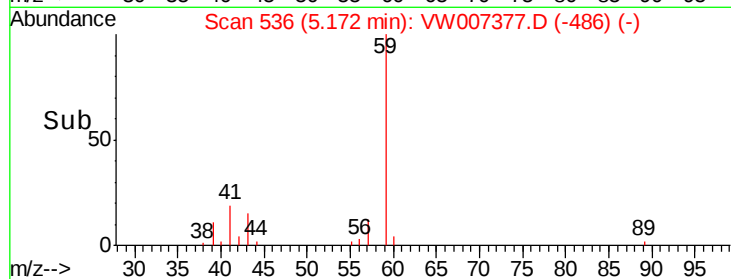
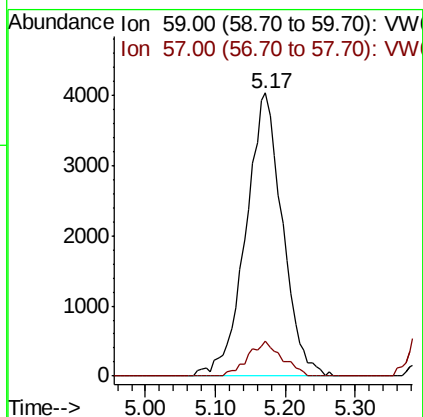
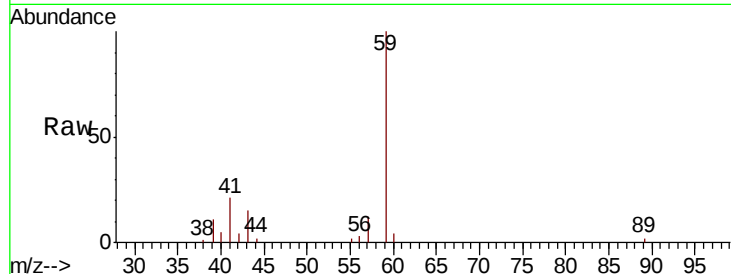




#11
Tert butyl alcohol
Concen: 228.823 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

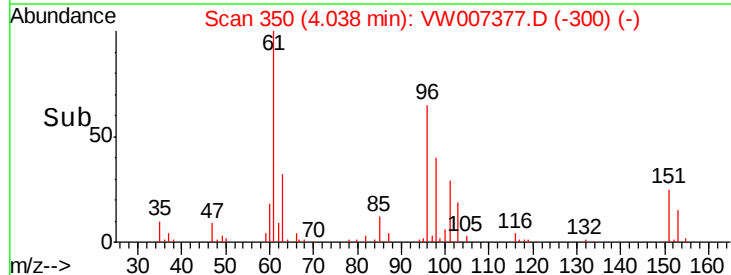
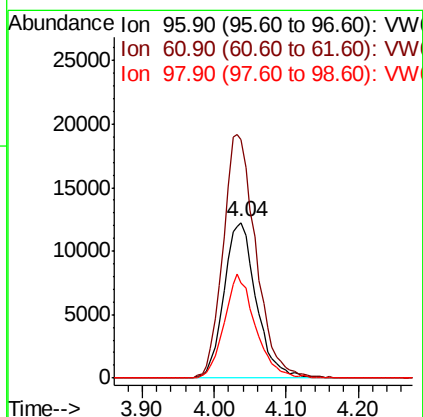
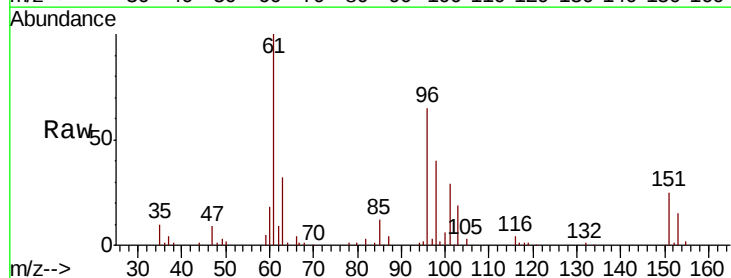
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

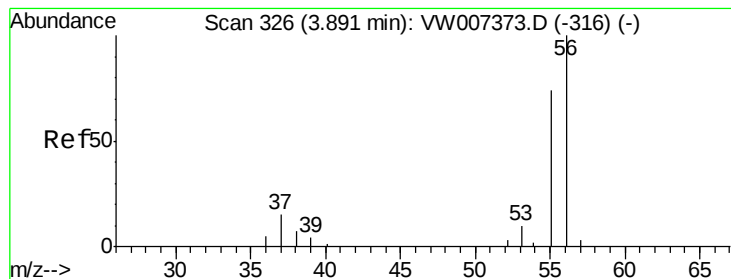
Tgt Ion: 59 Resp: 14673
Ion Ratio Lower Upper
59 100
57 11.4 7.6 11.4



#12
1,1-Dichloroethene
Concen: 46.190 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 96 Resp: 38133
Ion Ratio Lower Upper
96 100
61 153.4 126.2 189.2
98 61.3 48.3 72.5





#13

Acrolein

Concen: 204.948 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

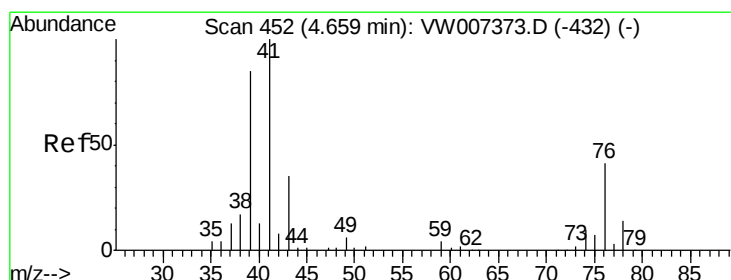
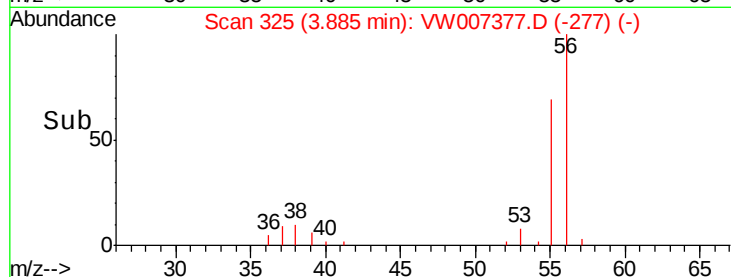
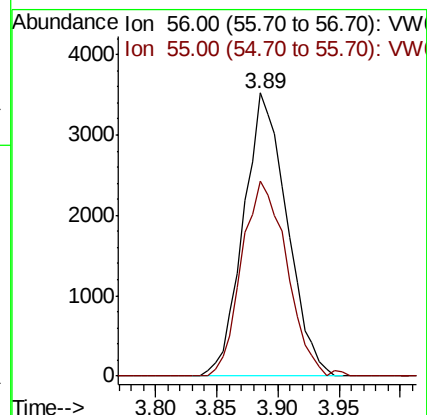
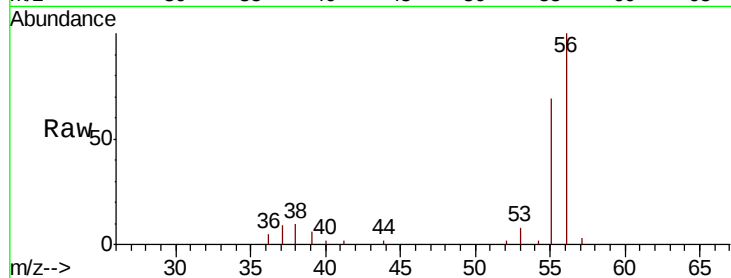
ICVW121118

Tgt Ion: 56 Resp: 8696

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.2



#14

Allyl chloride

Concen: 47.886 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

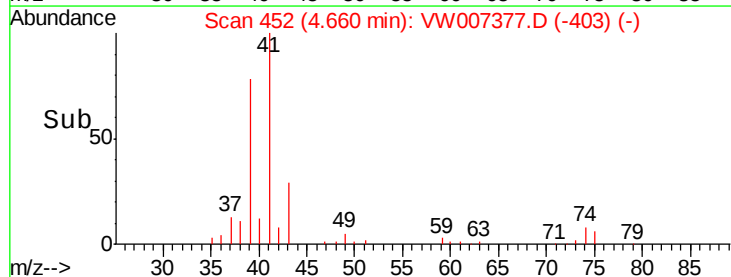
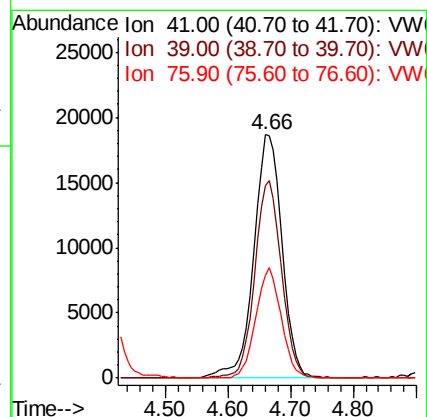
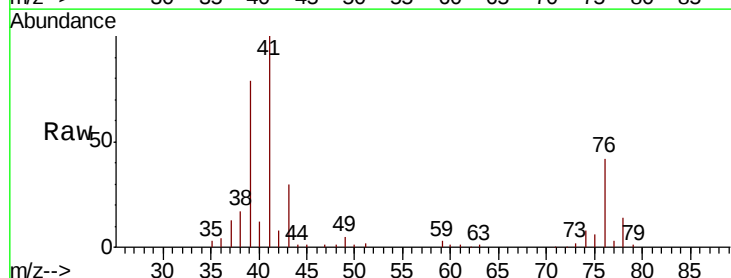
Tgt Ion: 41 Resp: 58273

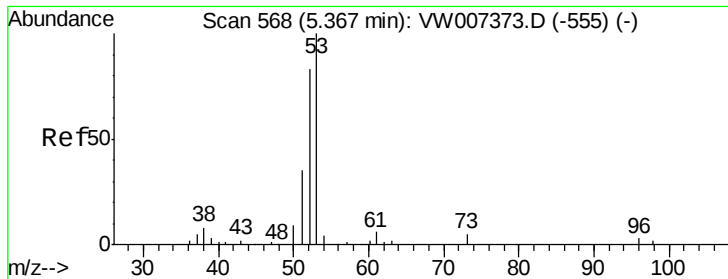
Ion Ratio Lower Upper

41 100

39 76.5 63.4 95.2

76 40.5 32.1 48.1





#15

Acrylonitrile

Concen: 220.559 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

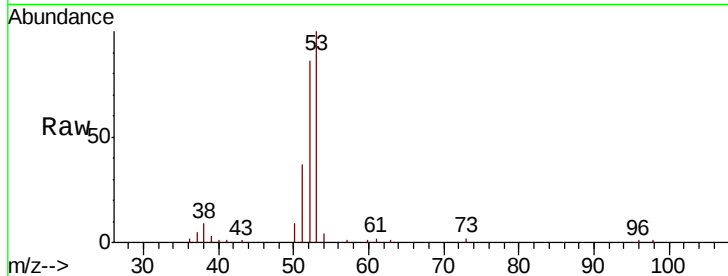
Tgt Ion: 53 Resp: 37817

Ion Ratio Lower Upper

53 100

52 83.0 67.4 101.2

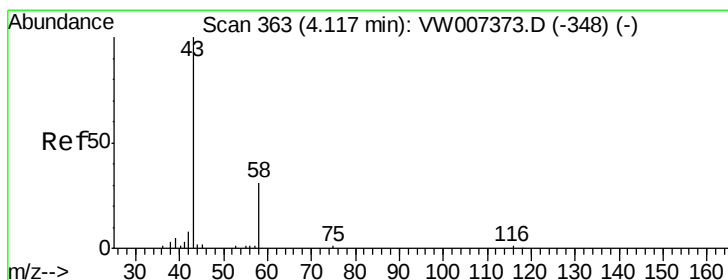
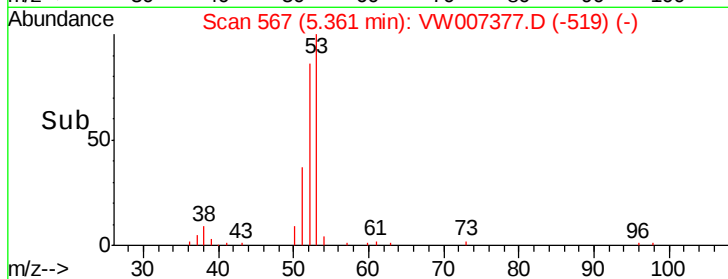
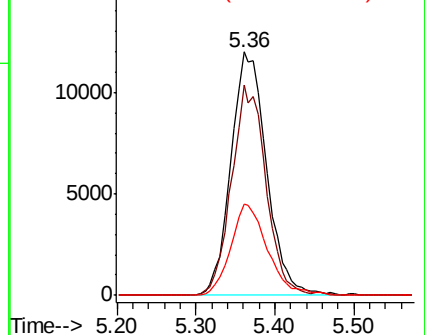
51 38.4 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 220.449 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007377.D

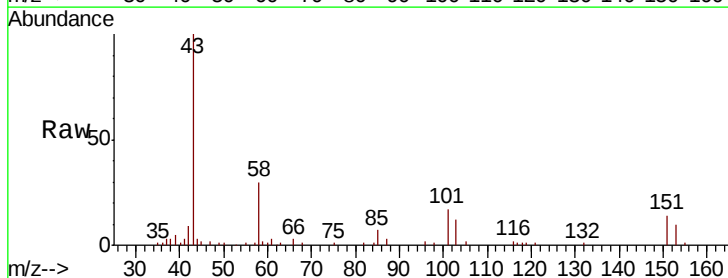
Acq: 11 Dec 2018 02:15

Tgt Ion: 43 Resp: 35952

Ion Ratio Lower Upper

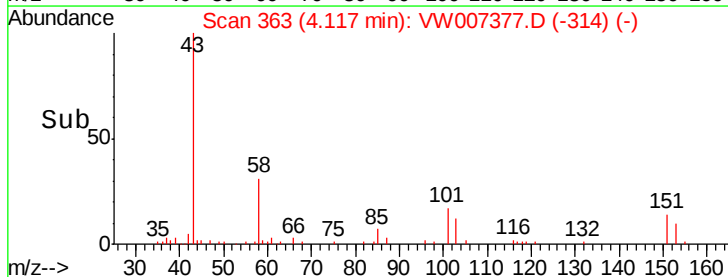
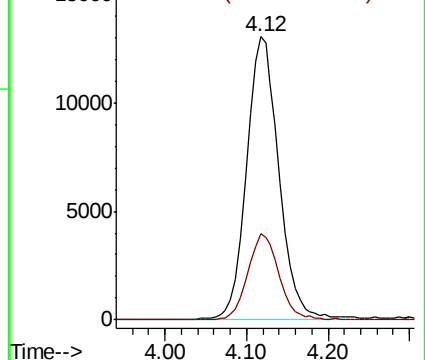
43 100

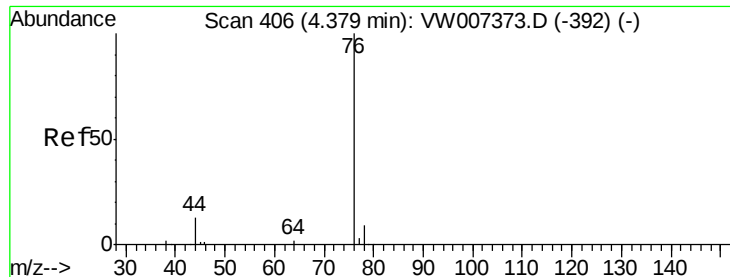
58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

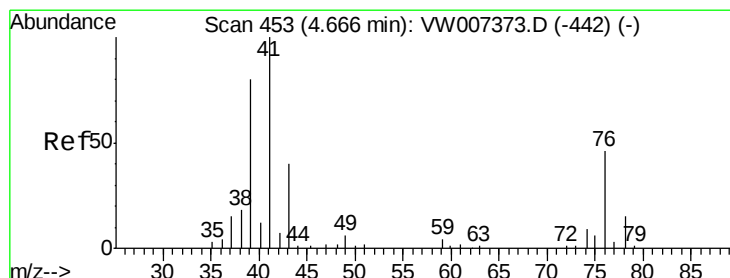
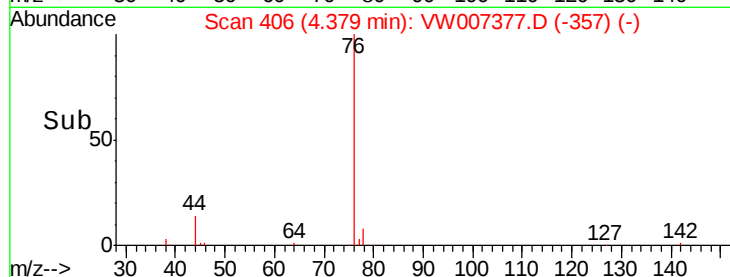
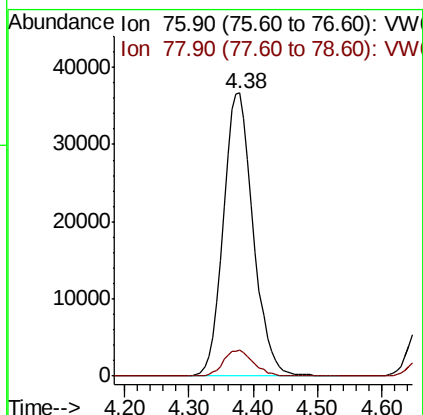
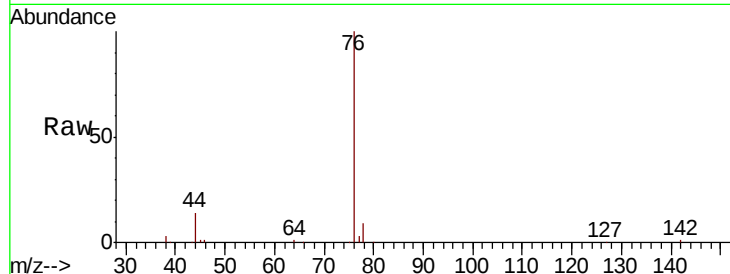




#17
Carbon Disulfide
Concen: 47.551 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

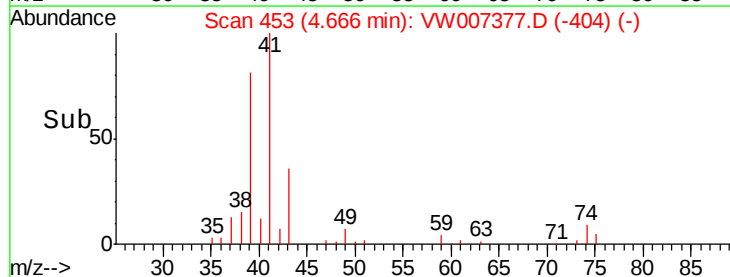
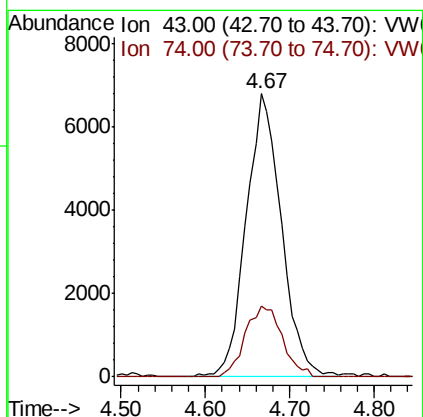
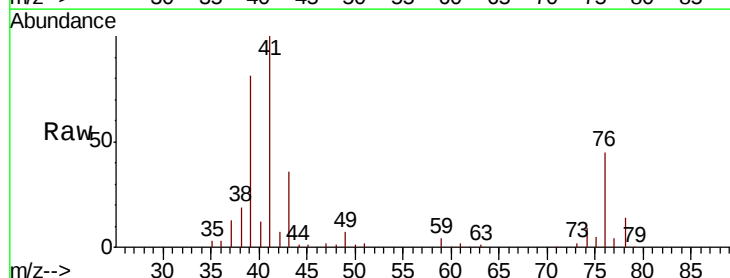
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

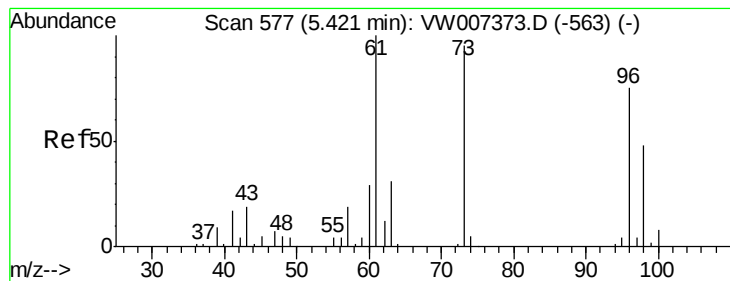
Tgt Ion: 76 Resp: 119029
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 43.686 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 43 Resp: 19337
Ion Ratio Lower Upper
43 100
74 26.2 21.1 31.7



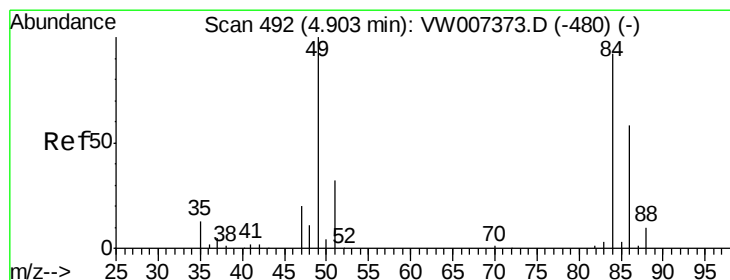
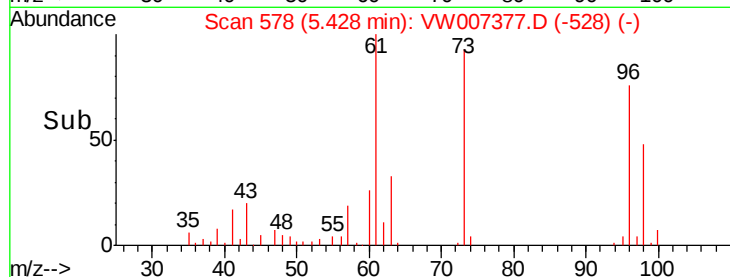
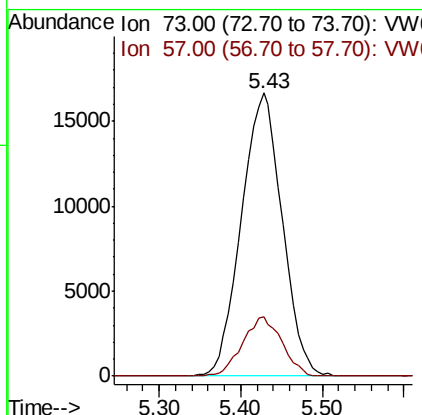
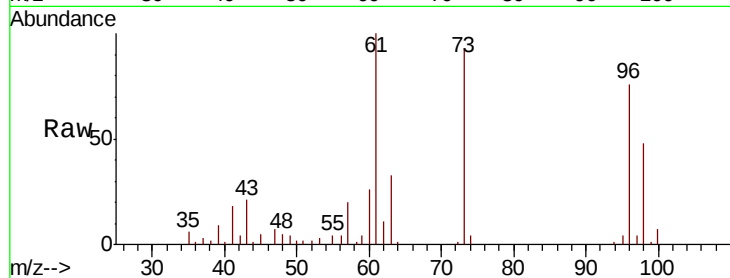


#19

Methyl tert-butyl Ether
 Concen: 46.573 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

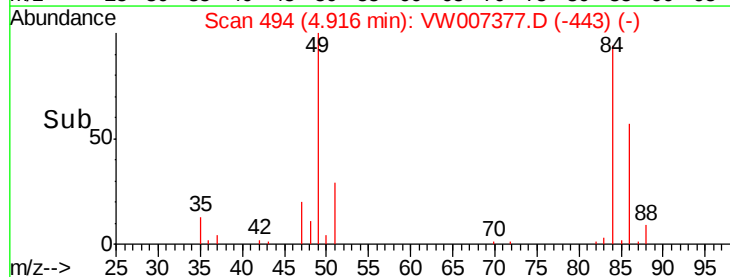
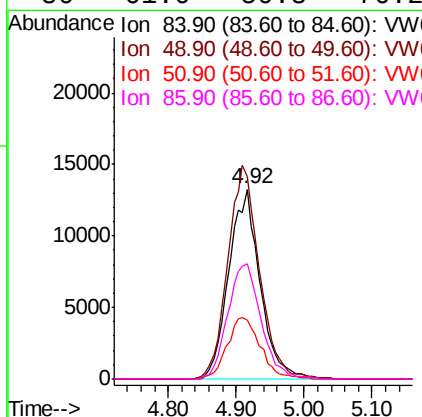
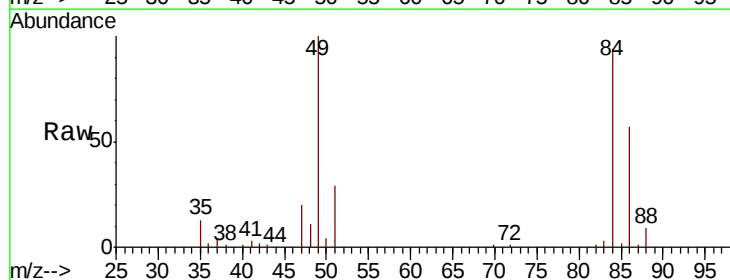
Tgt Ion: 73 Resp: 58003
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.4 24.6

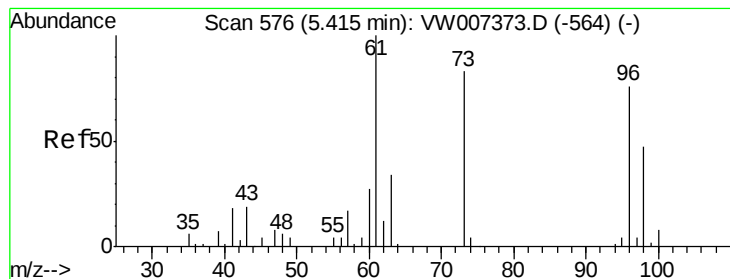


#20

Methylene Chloride
 Concen: 47.128 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 84 Resp: 42231
 Ion Ratio Lower Upper
 84 100
 49 106.7 87.1 130.7
 51 31.3 28.2 42.2
 86 61.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.909 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

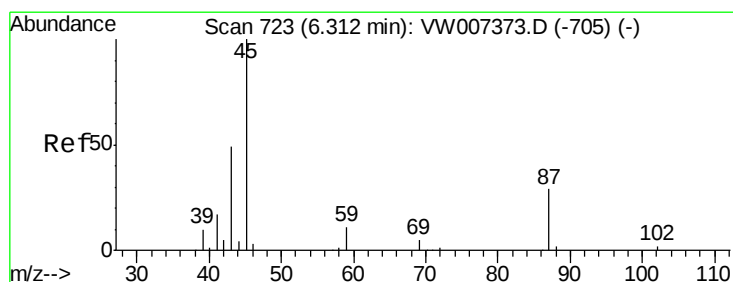
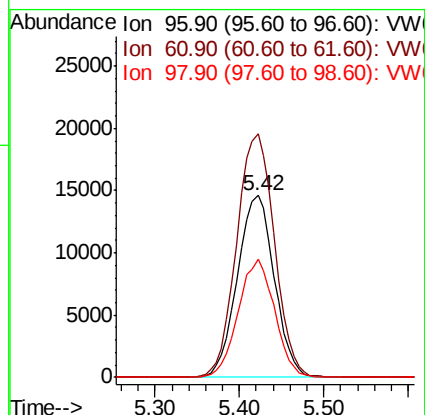
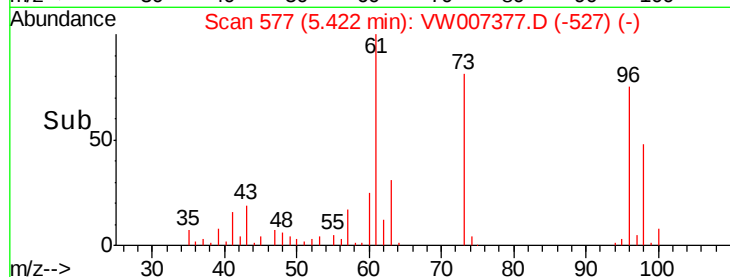
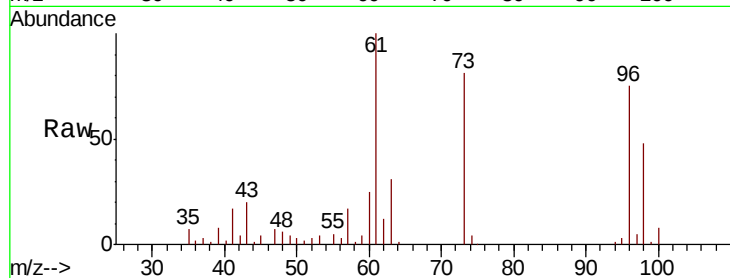
Tgt Ion: 96 Resp: 43322

Ion Ratio Lower Upper

96 100

61 134.0 105.0 157.6

98 64.9 49.7 74.5



#22

Diisopropyl ether

Concen: 47.384 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion: 45 Resp: 110835

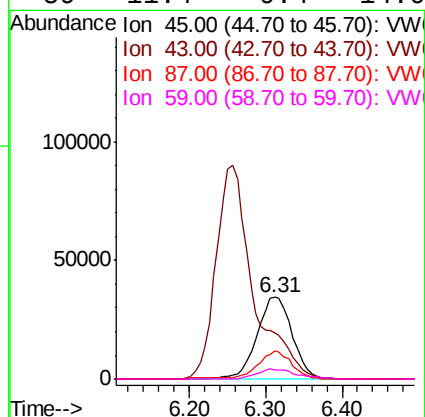
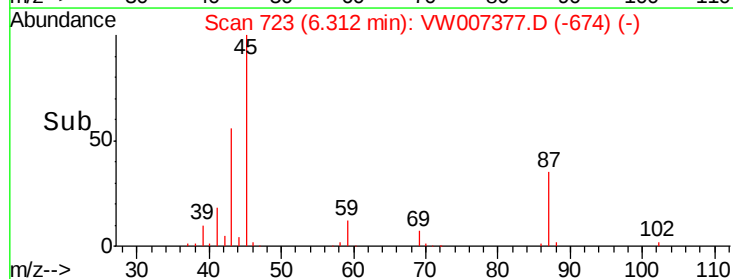
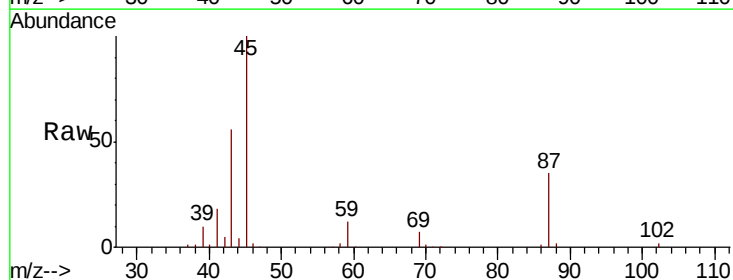
Ion Ratio Lower Upper

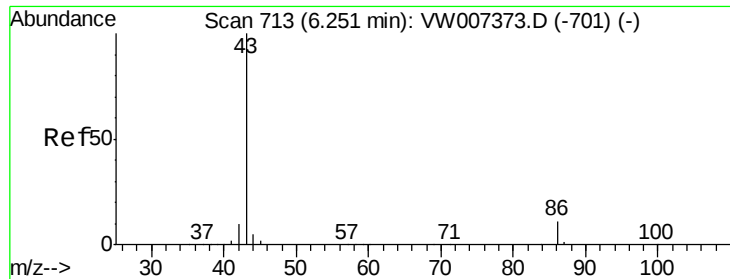
45 100

43 55.9 41.6 62.4

87 35.2 24.3 36.5

59 11.4 9.4 14.0





#23

Vinyl Acetate

Concen: 233.517 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

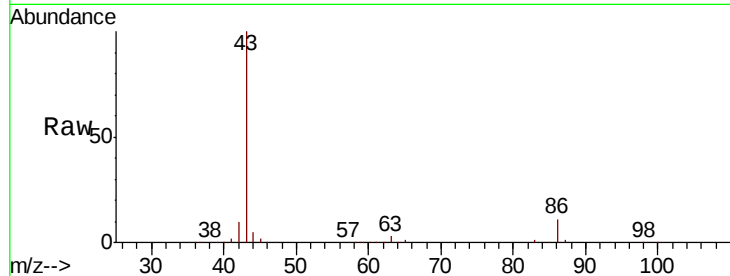
ICVW121118

Tgt Ion: 43 Resp: 305517

Ion Ratio Lower Upper

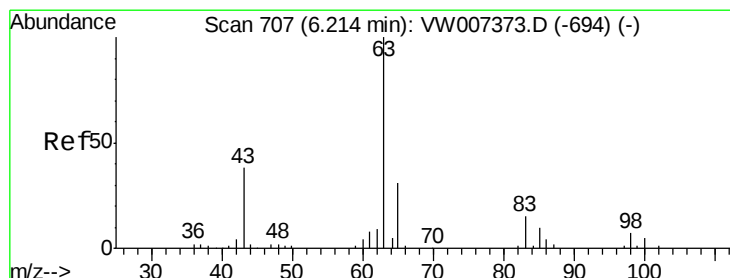
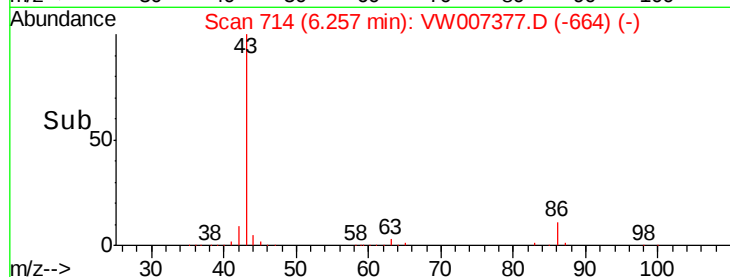
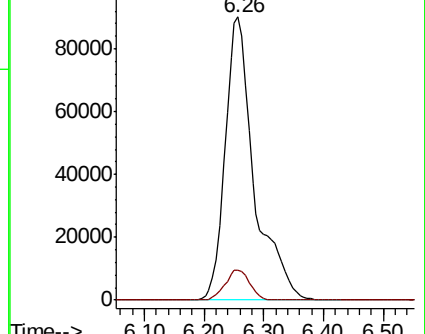
43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 45.189 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

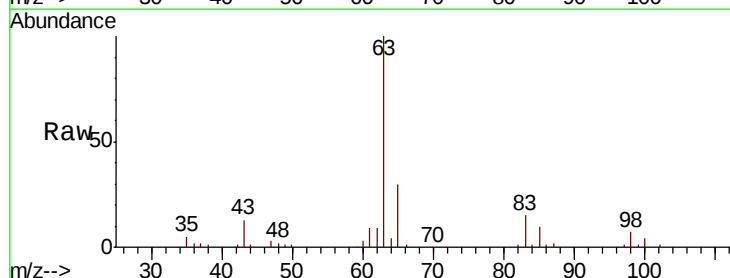
Tgt Ion: 63 Resp: 71440

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

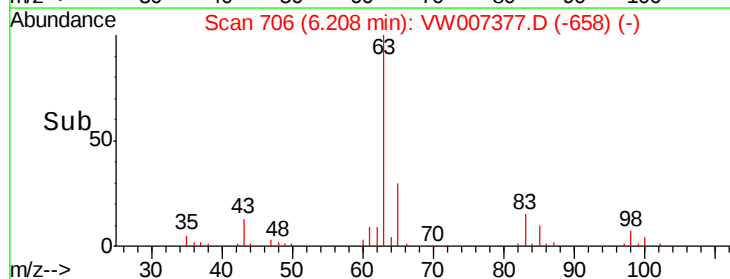
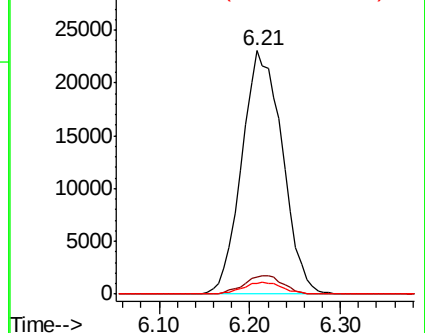
100 4.4 2.5 7.5

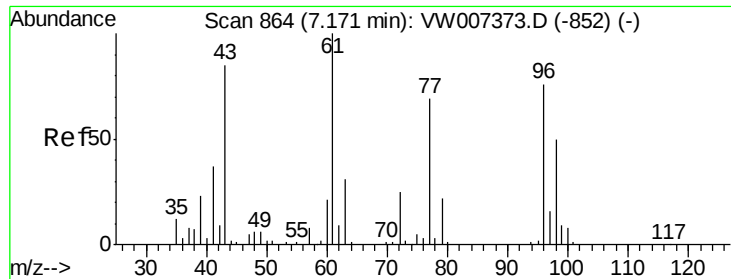


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 222.198 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

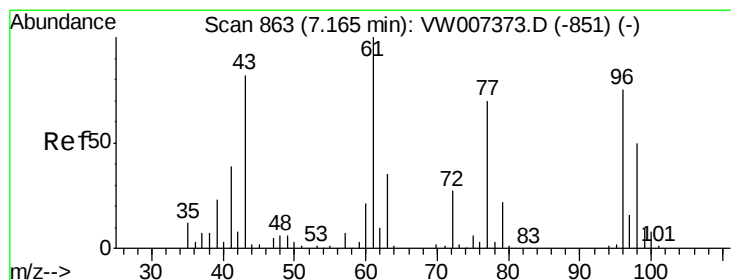
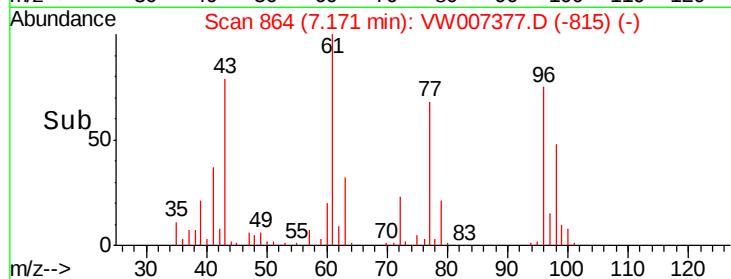
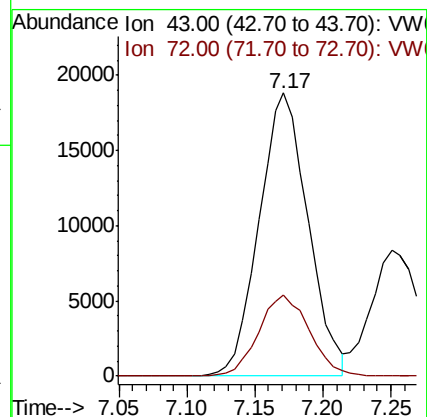
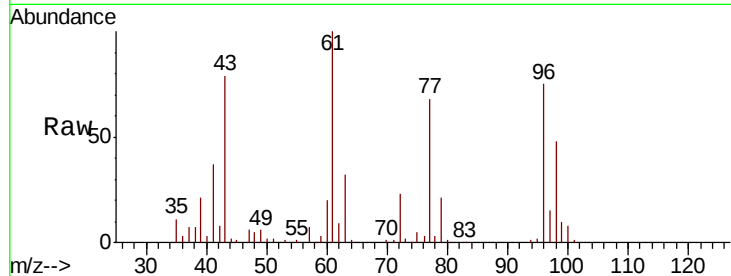
ICVW121118

Tgt Ion: 43 Resp: 47308

Ion Ratio Lower Upper

43 100

72 28.7 23.4 35.2



#26

2,2-Dichloropropane

Concen: 47.341 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007377.D

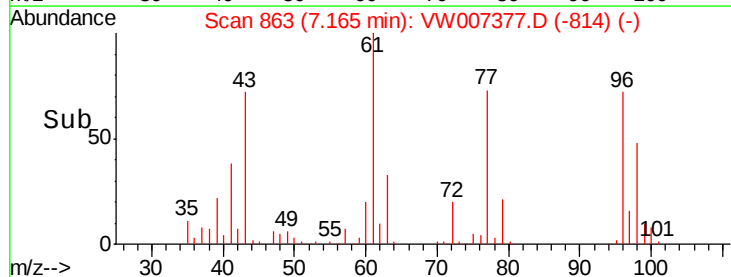
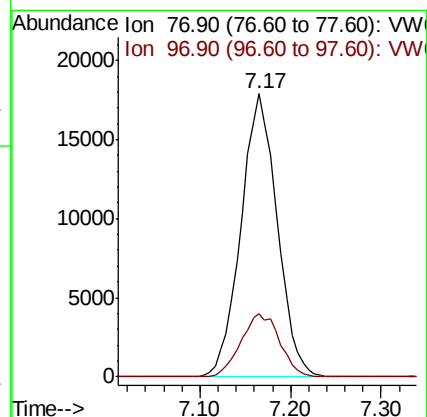
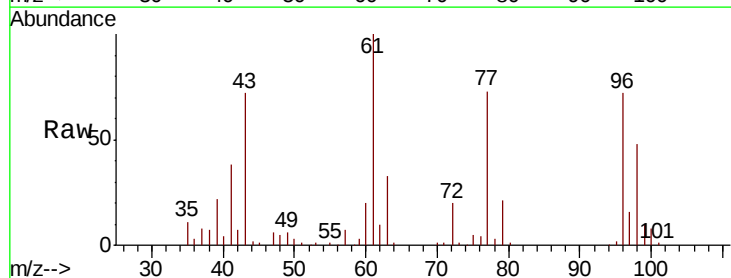
Acq: 11 Dec 2018 02:15

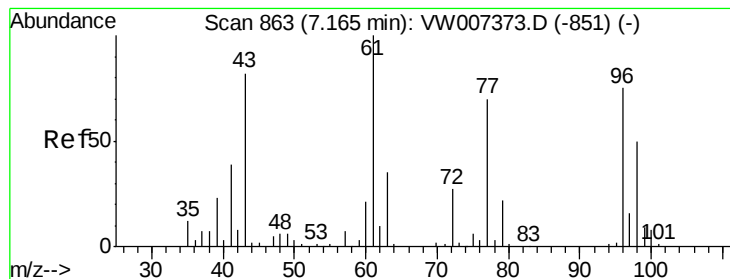
Tgt Ion: 77 Resp: 49531

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8



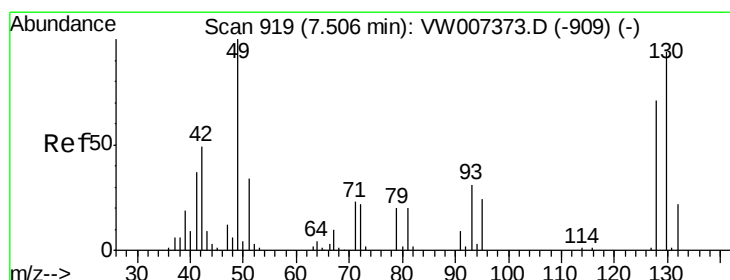
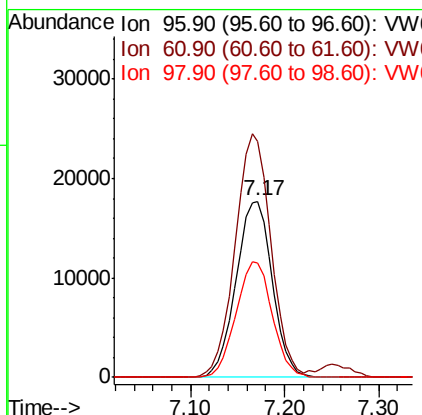
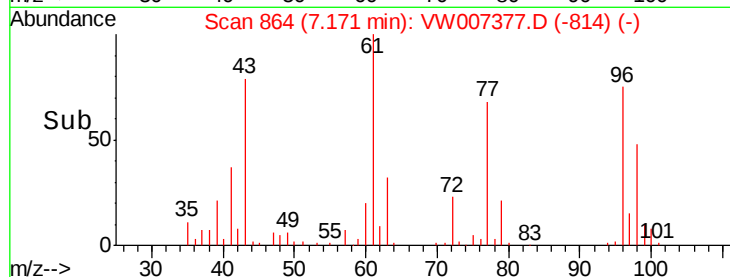
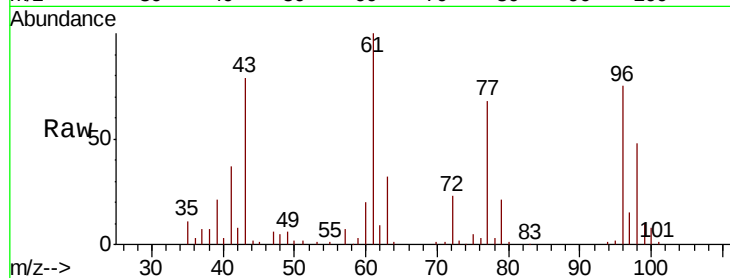


#27

cis-1,2-Dichloroethene
Concen: 47.133 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

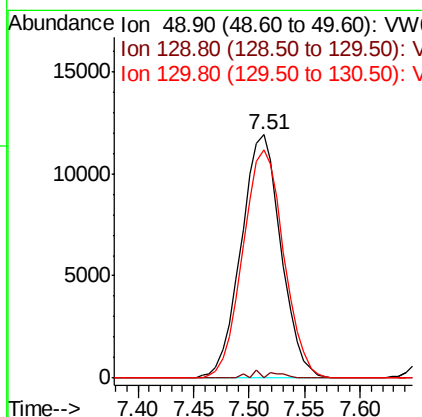
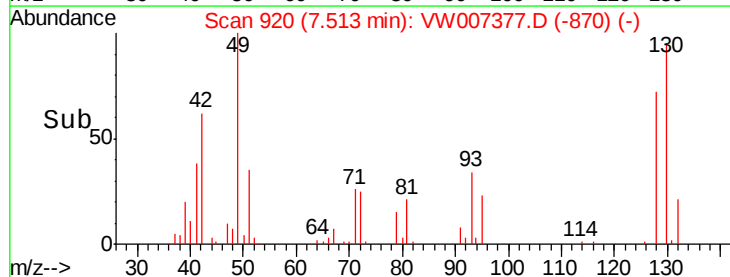
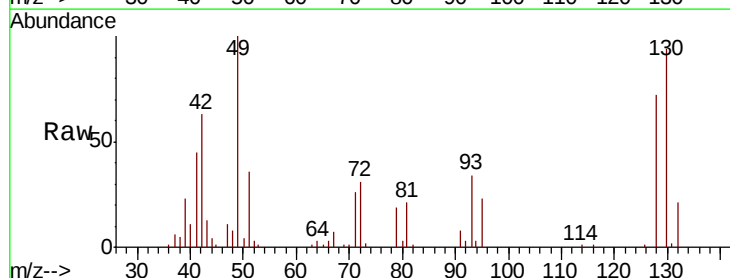
Tgt Ion: 96 Resp: 47662
Ion Ratio Lower Upper
96 100
61 136.2 0.0 268.4
98 65.2 0.0 127.8

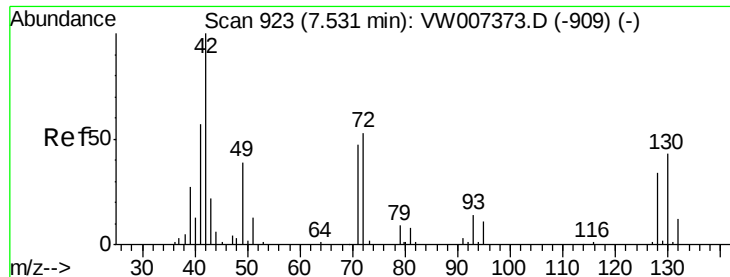


#28

Bromochloromethane
Concen: 49.890 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 49 Resp: 29667
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.6
130 96.1 75.9 113.9

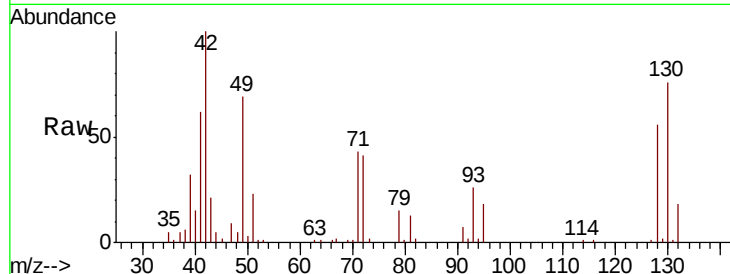




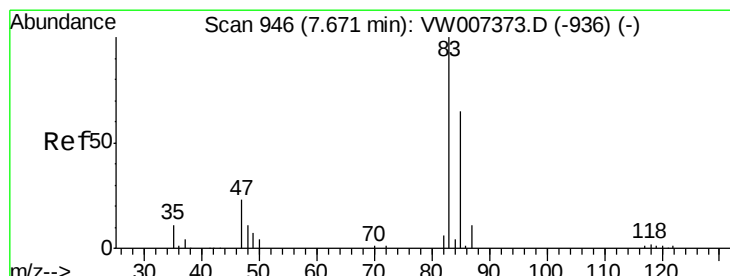
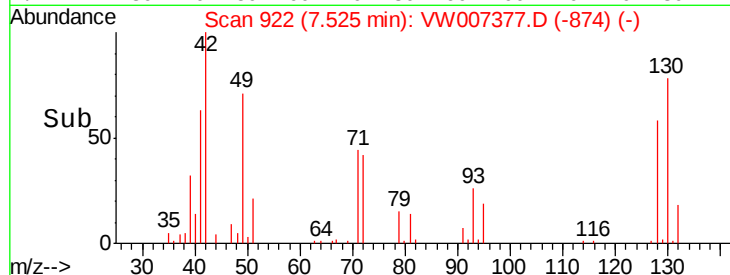
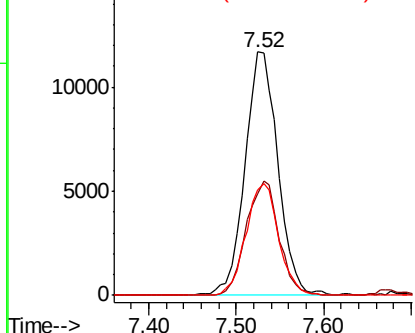
#29
Tetrahydrofuran
Concen: 226.130 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 42 Resp: 30479
Ion Ratio Lower Upper
42 100
72 46.6 38.2 57.4
71 45.5 35.5 53.3

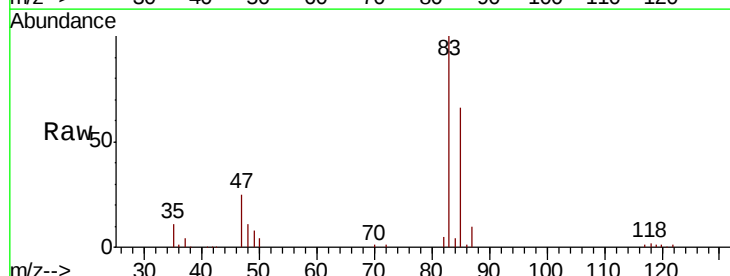


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

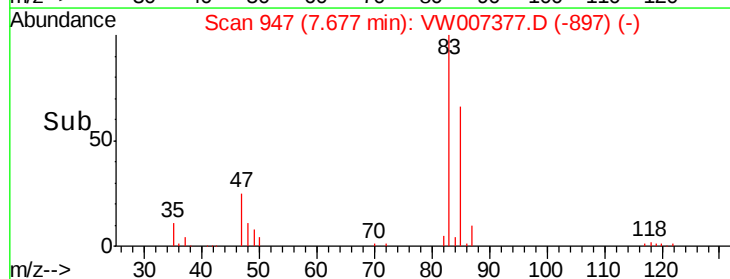
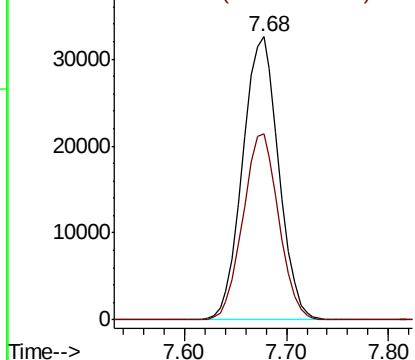


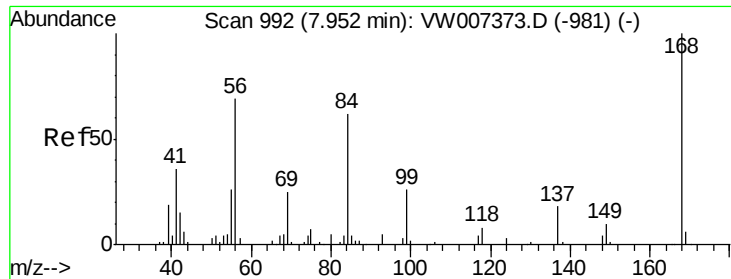
#30
Chloroform
Concen: 46.444 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 83 Resp: 79902
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.8



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

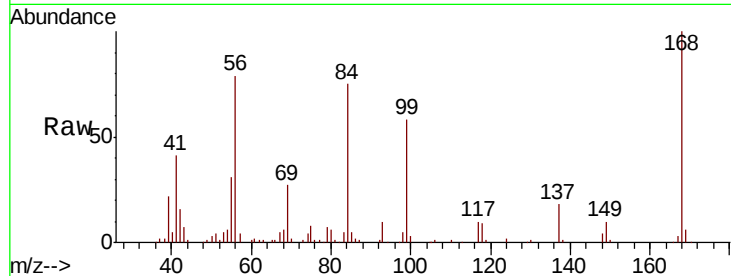




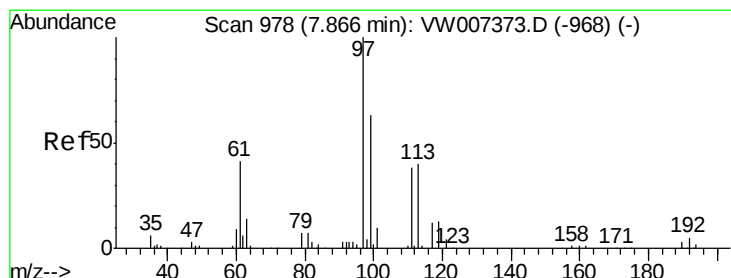
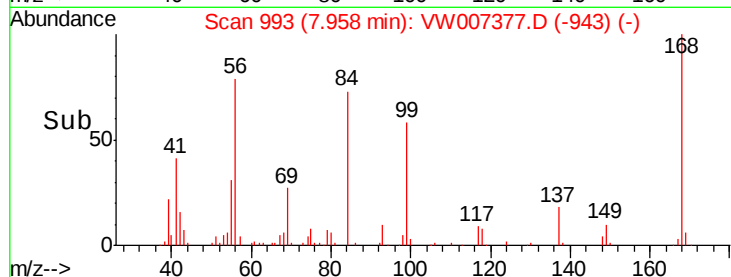
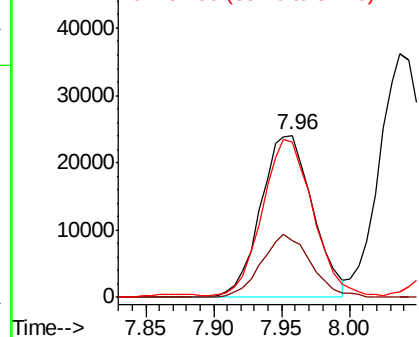
#31
Cyclohexane
Concen: 44.273 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 56 Resp: 64216
Ion Ratio Lower Upper
56 100
69 34.8 28.9 43.3
84 94.2 71.8 107.6

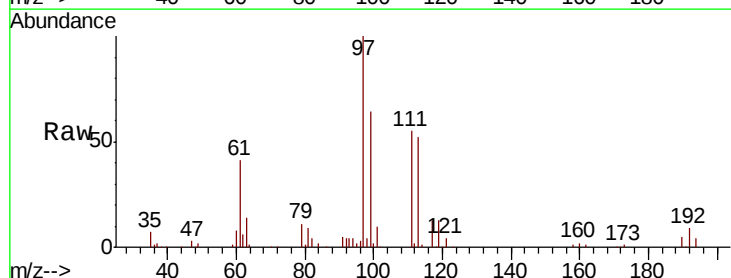


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

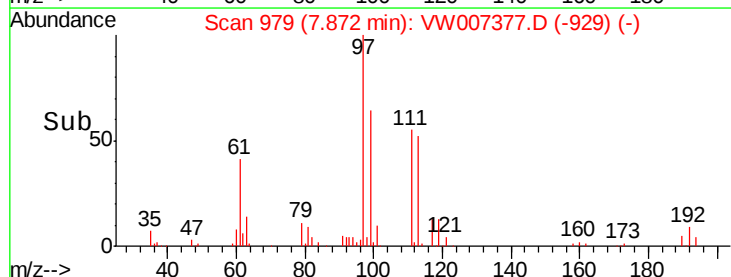
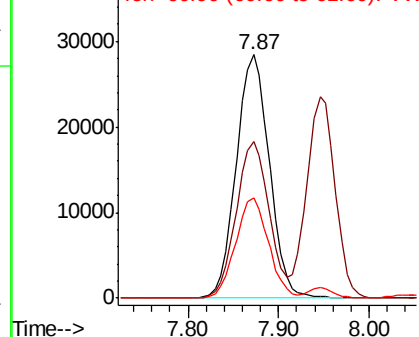


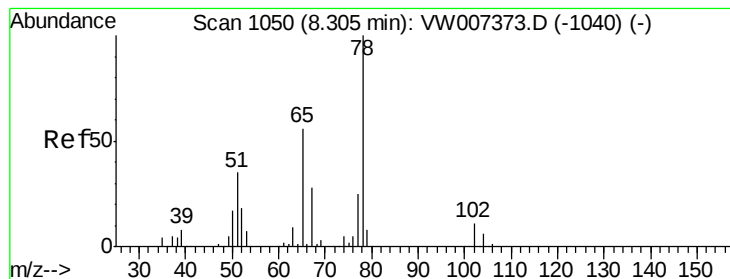
#32
1,1,1-Trichloroethane
Concen: 47.724 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 97 Resp: 72000
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.0 33.2 49.8



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: 50.303 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

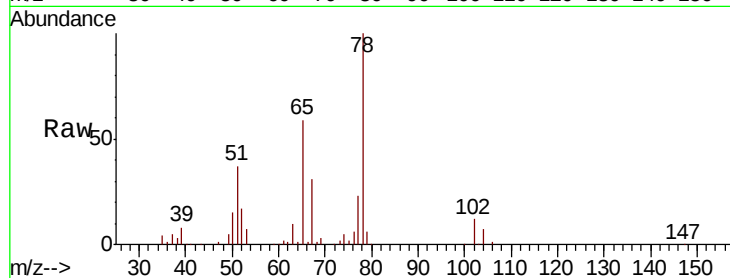
ICVW121118

Tgt Ion: 65 Resp: 46967

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

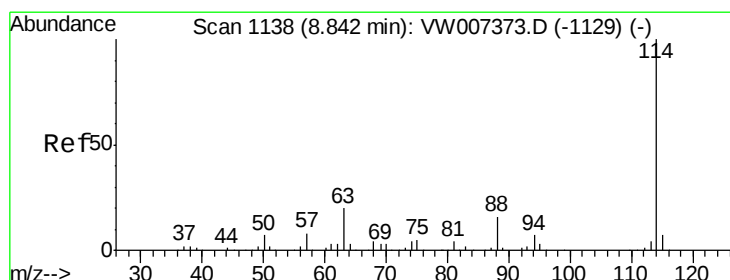
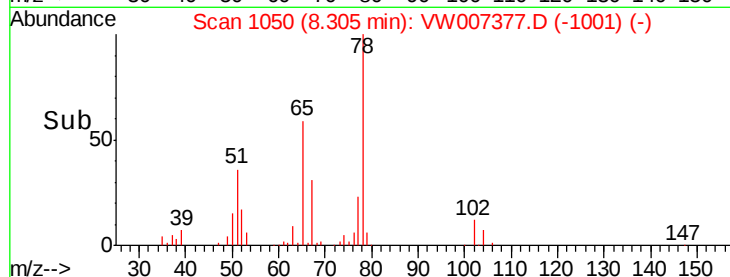
15000

10000

5000

0

Time--> 8.20 8.25 8.30 8.35



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

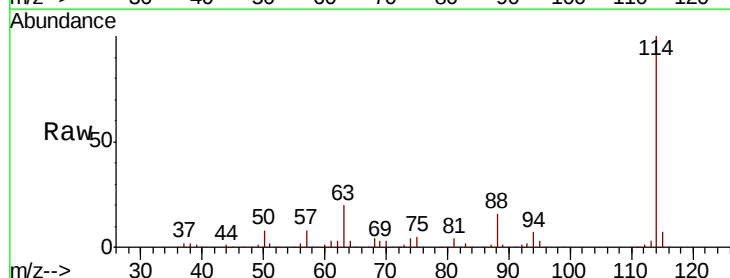
Tgt Ion: 114 Resp: 143057

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 16.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

100000

80000

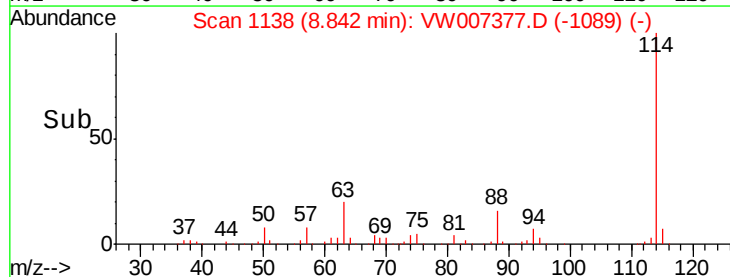
60000

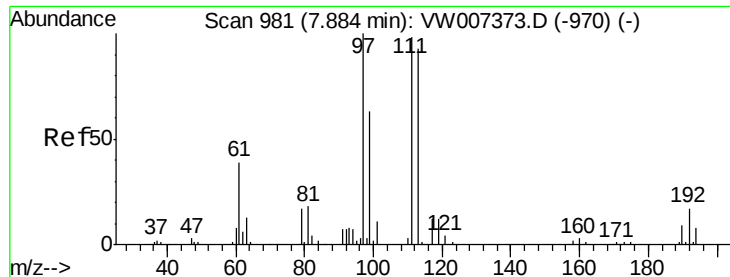
40000

20000

0

Time--> 8.80 8.90





#35

Dibromofluoromethane

Concen: 51.546 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

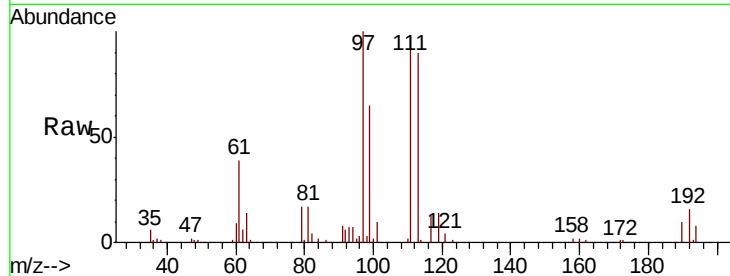
Tgt Ion:113 Resp: 44638

Ion Ratio Lower Upper

113 100

111 103.7 81.1 121.7

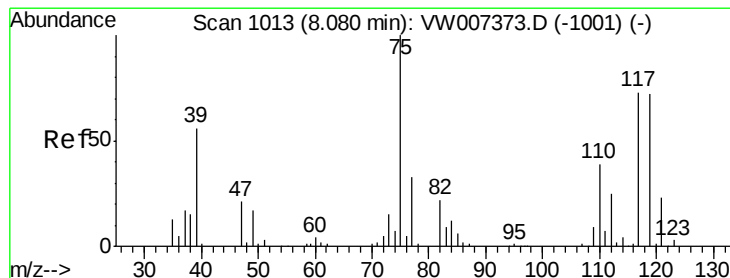
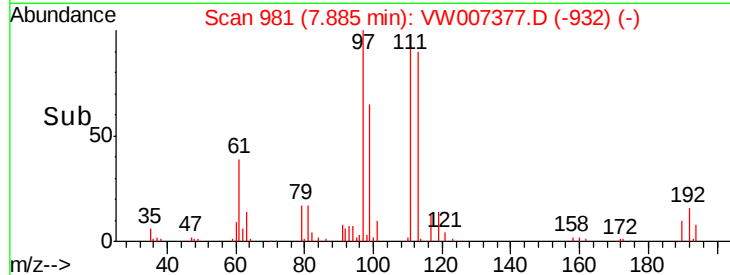
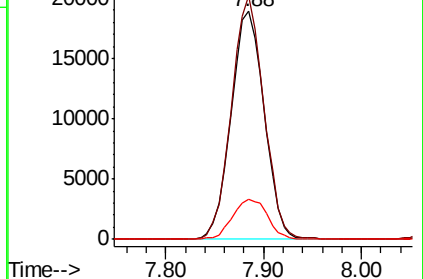
192 18.3 14.6 21.8



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: 46.905 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

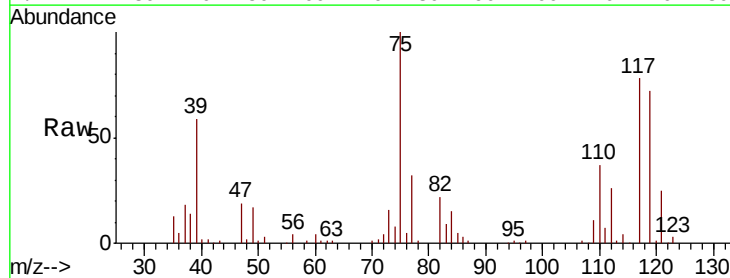
Tgt Ion: 75 Resp: 61212

Ion Ratio Lower Upper

75 100

110 36.5 18.5 55.5

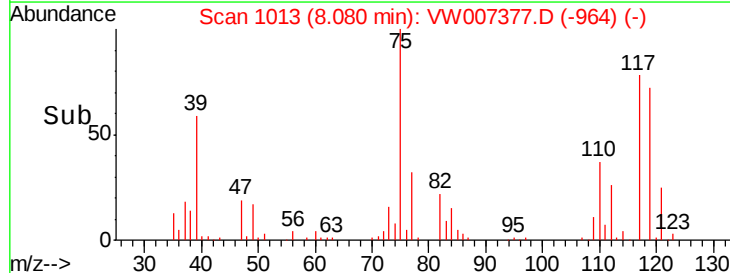
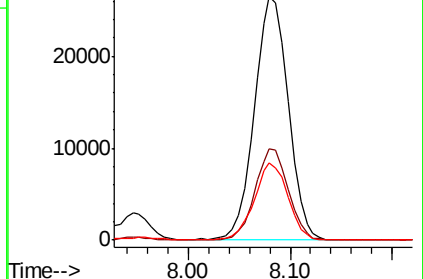
77 31.4 25.6 38.4

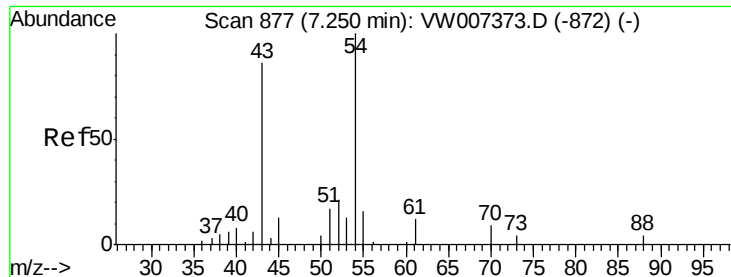


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 44.594 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

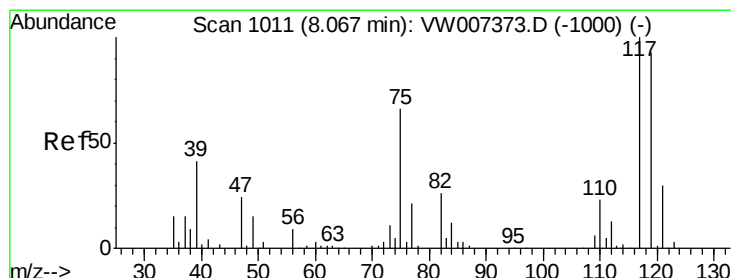
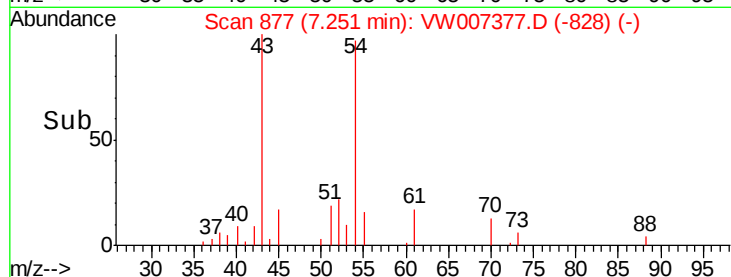
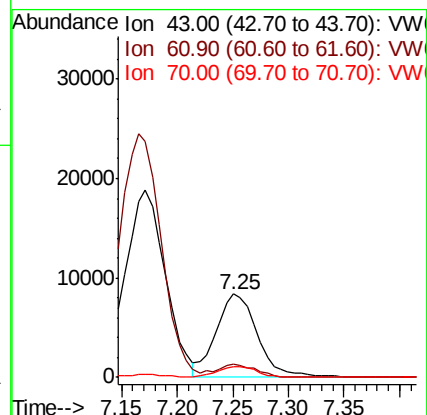
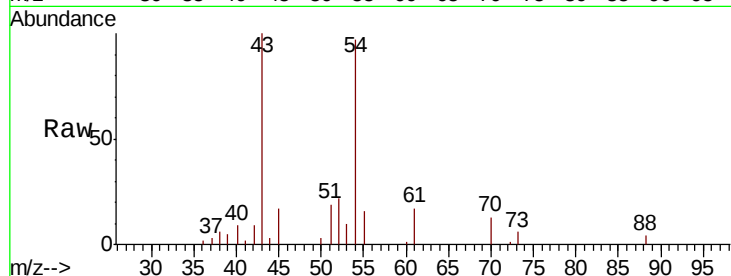
Tgt Ion: 43 Resp: 21645

Ion Ratio Lower Upper

43 100

61 12.8 12.1 18.1

70 12.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 47.950 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

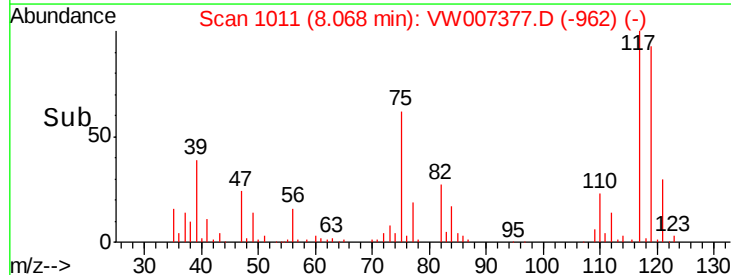
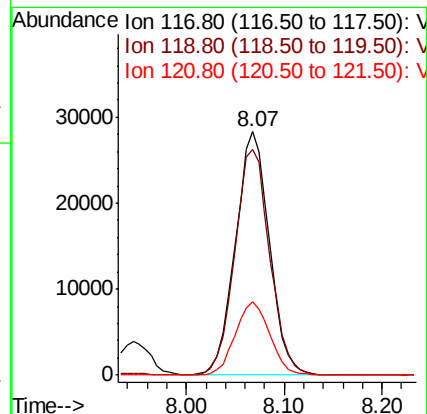
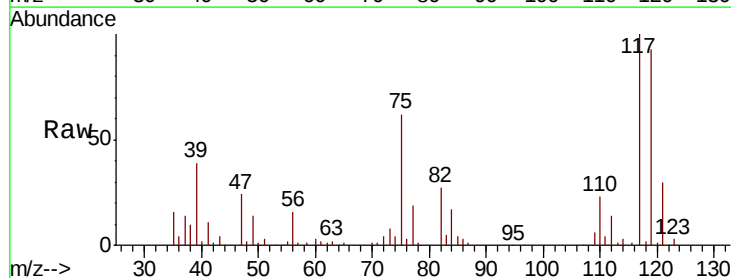
Tgt Ion: 117 Resp: 68087

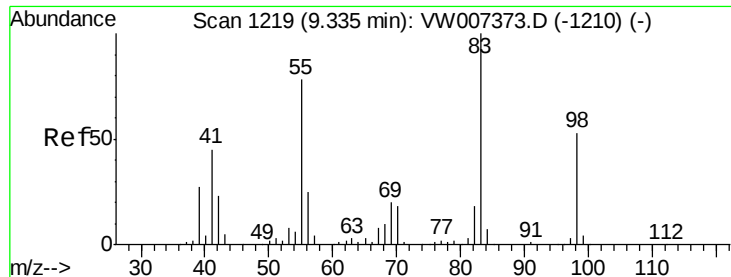
Ion Ratio Lower Upper

117 100

119 92.7 74.3 111.5

121 30.1 24.3 36.5

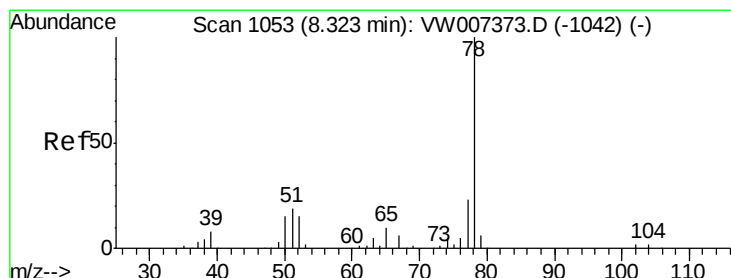
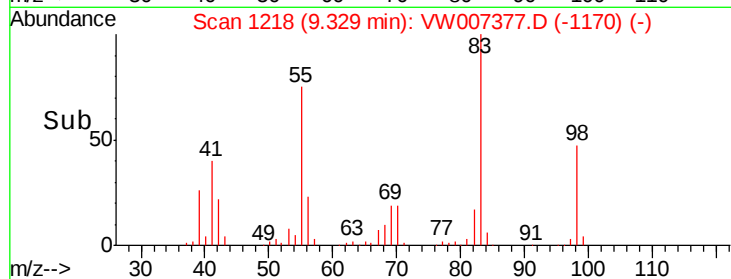
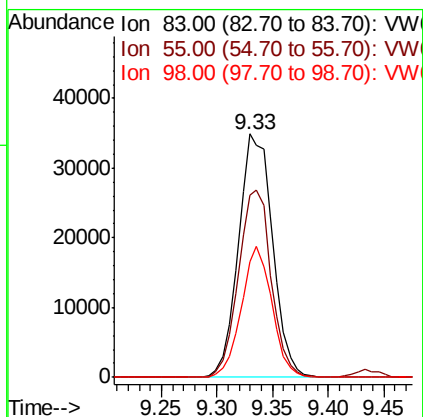
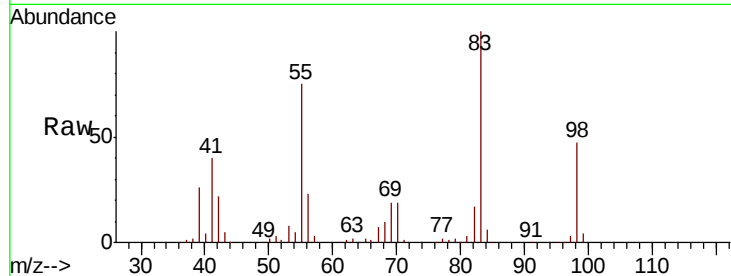




#39
Methylcyclohexane
Concen: 46.963 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

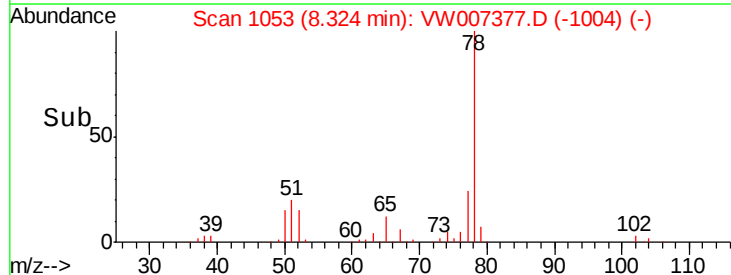
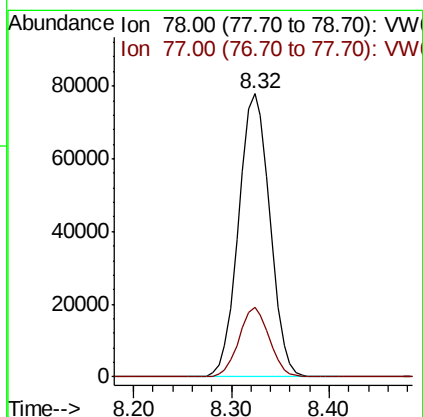
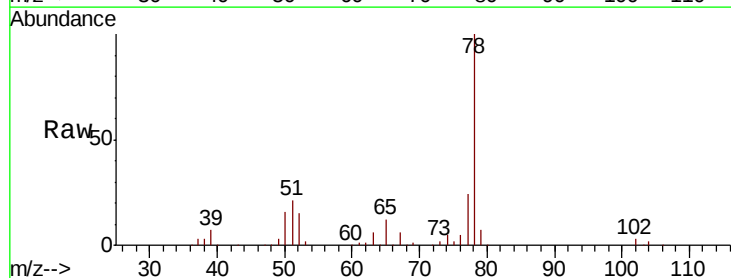
Instrument :
MSVOA_W
ClientSampleId :
ICVWV121118

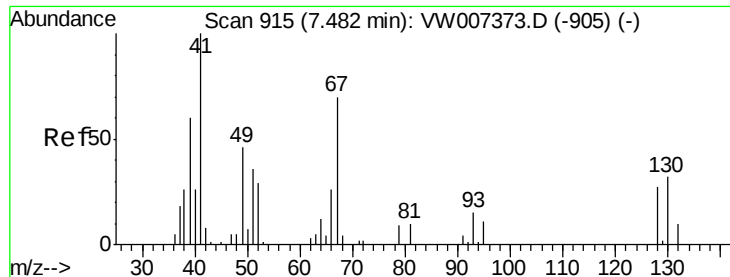
Tgt Ion: 83 Resp: 74212
Ion Ratio Lower Upper
83 100
55 74.6 62.8 94.2
98 47.4 42.2 63.2



#40
Benzene
Concen: 47.775 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 78 Resp: 173025
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

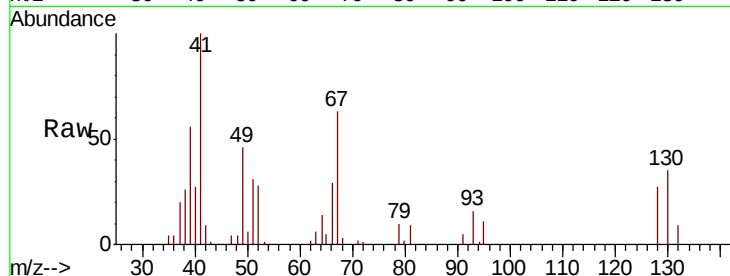




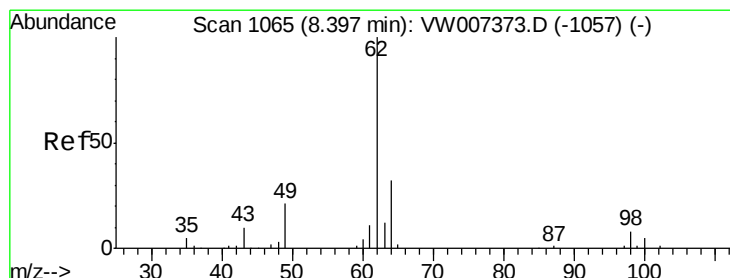
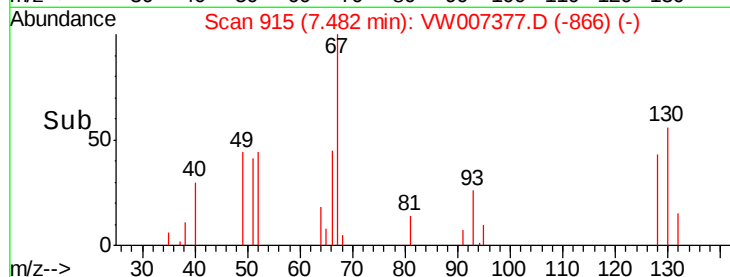
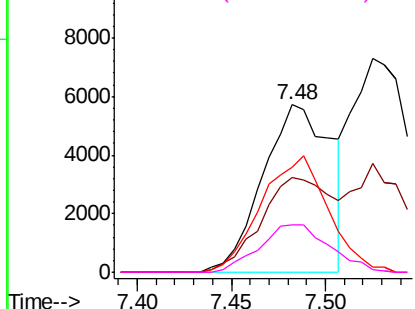
#41
Methacrylonitrile
Concen: 52.076 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVWV121118

Tgt Ion: 41 Resp: 14394
Ion Ratio Lower Upper
41 100
39 58.9 52.2 78.2
67 68.2 60.5 90.7
52 28.9 25.3 37.9

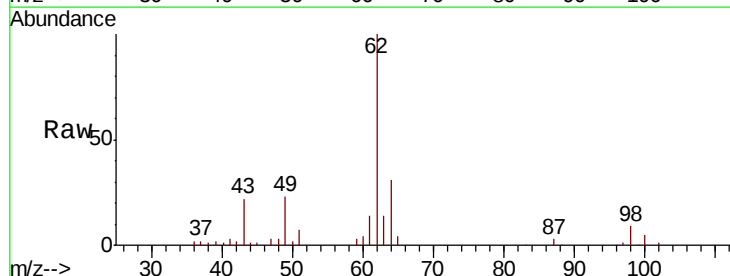


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

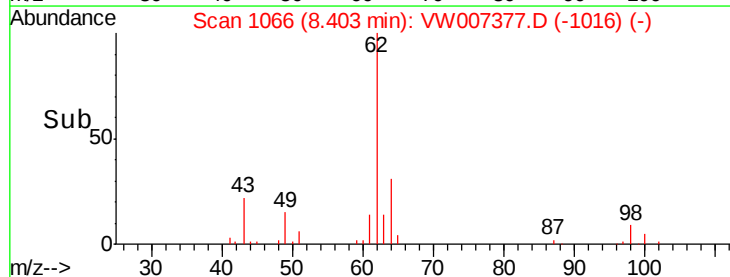
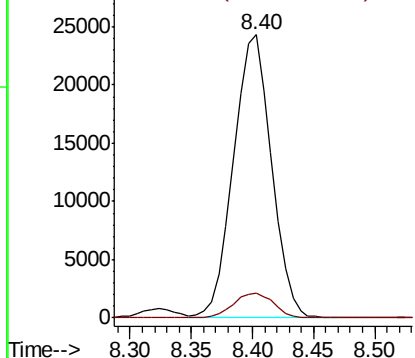


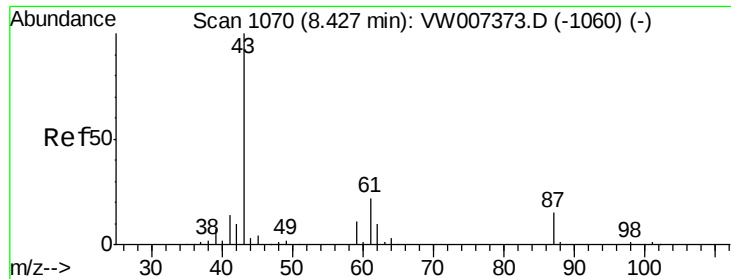
#42
1,2-Dichloroethane
Concen: 46.134 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 62 Resp: 52485
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6



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

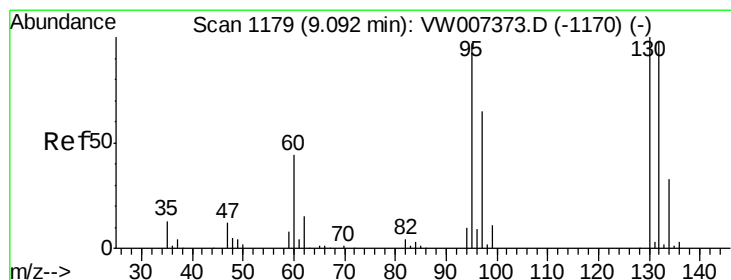
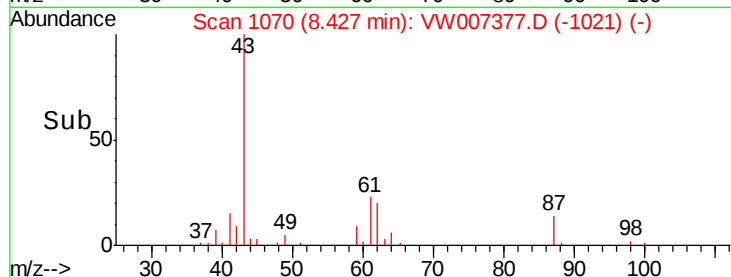
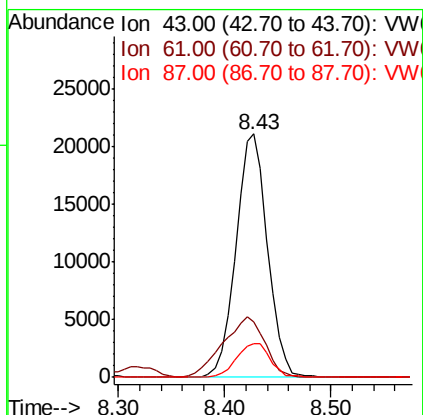
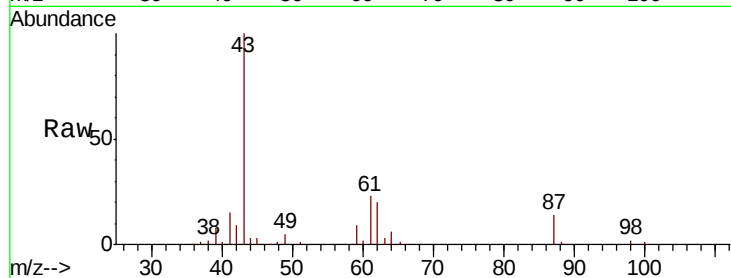




#43
Isopropyl Acetate
Concen: 45.660 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

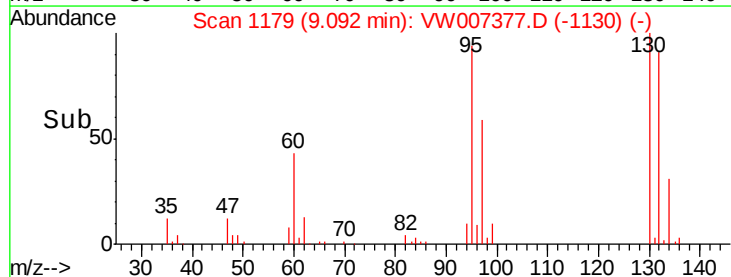
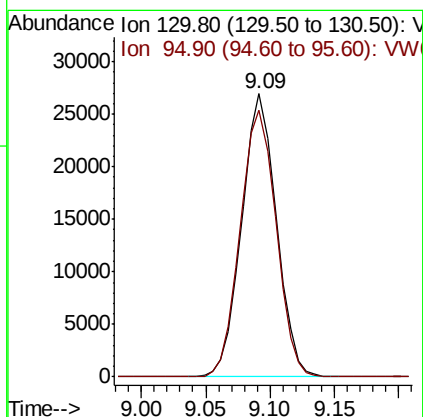
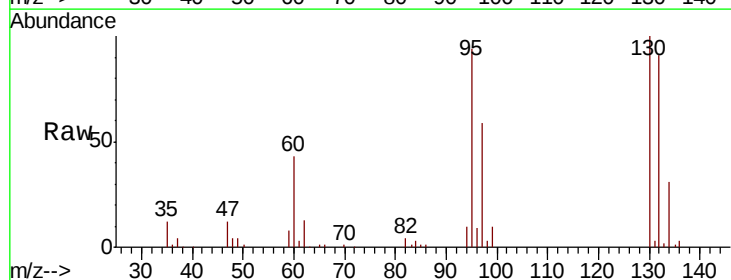
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

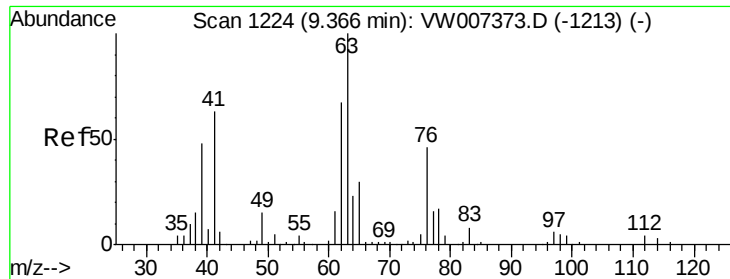
Tgt Ion: 43 Resp: 43778
Ion Ratio Lower Upper
43 100
61 32.8 25.3 37.9
87 14.8 11.8 17.8



#44
Trichloroethene
Concen: 48.564 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 130 Resp: 50225
Ion Ratio Lower Upper
130 100
95 94.2 0.0 193.2

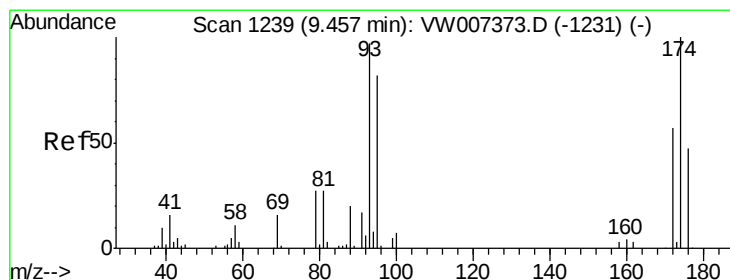
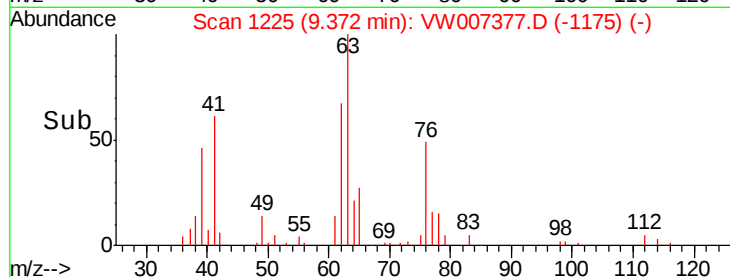
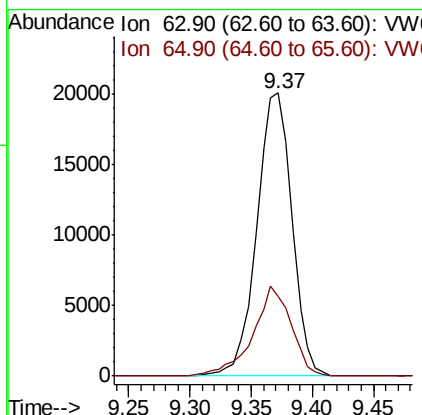
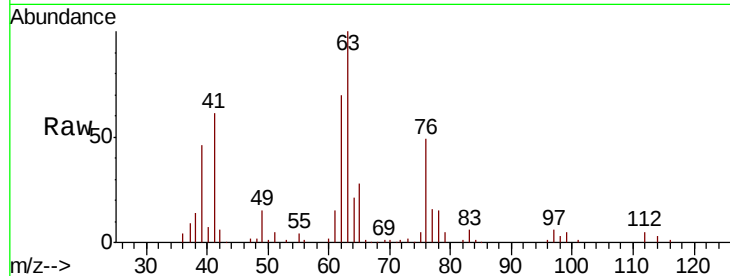




#45
 1,2-Dichloropropane
 Concen: 47.992 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

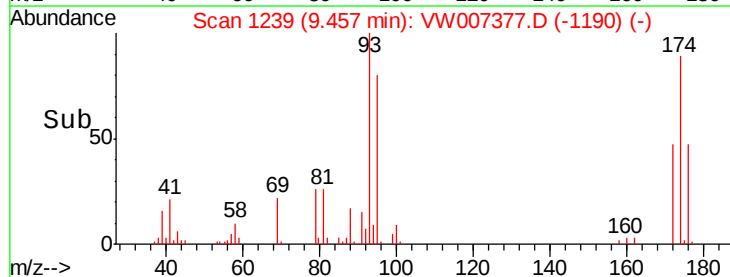
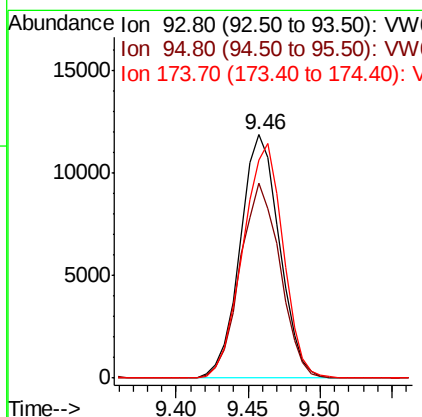
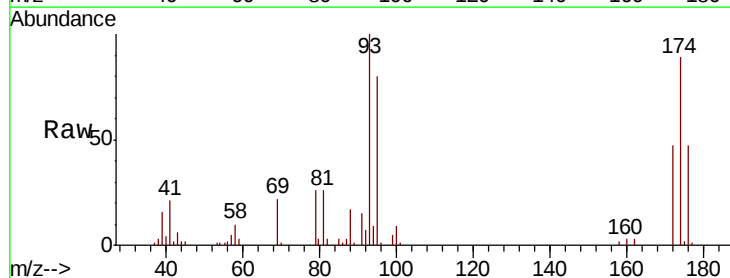
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

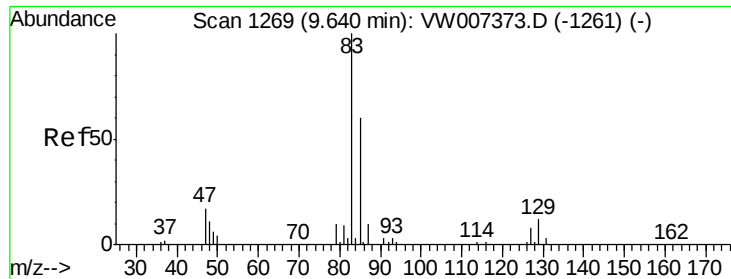
Tgt Ion: 63 Resp: 40222
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.4 36.6



#46
 Dibromomethane
 Concen: 47.239 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 93 Resp: 22483
 Ion Ratio Lower Upper
 93 100
 95 81.5 68.0 102.0
 174 98.3 83.2 124.8

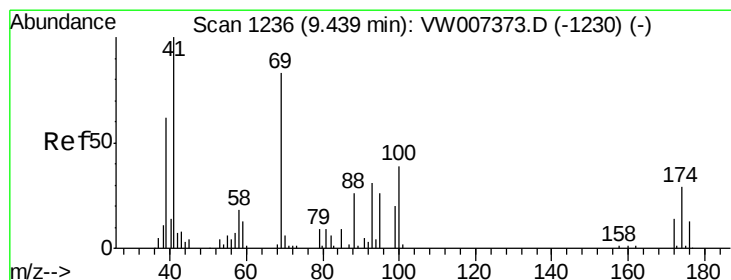
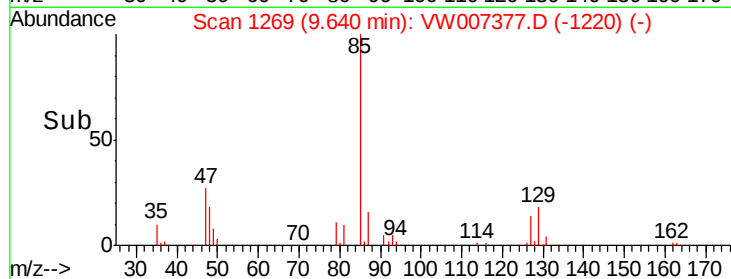
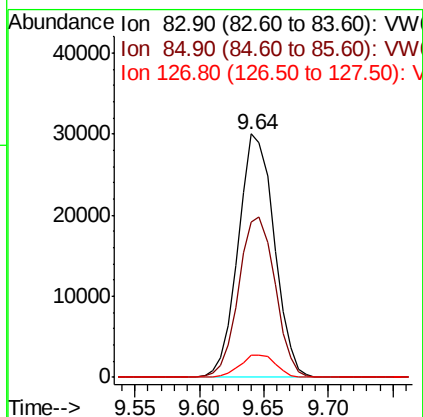
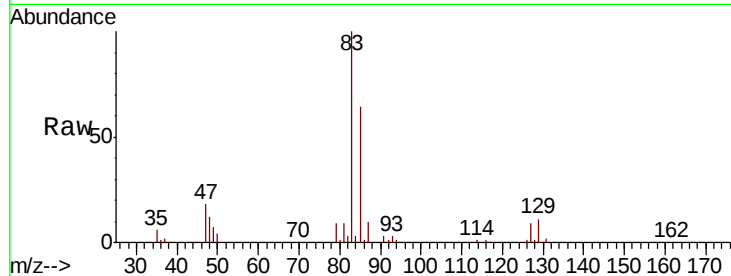




#47
 Bromodichloromethane
 Concen: 46.599 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

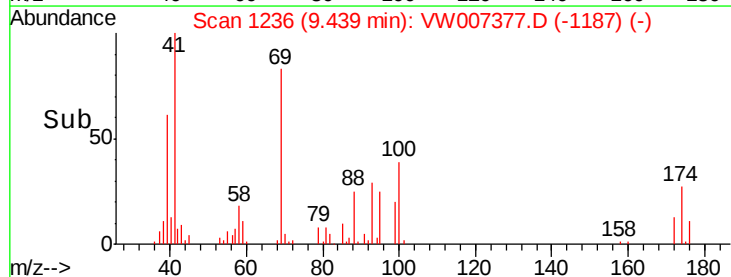
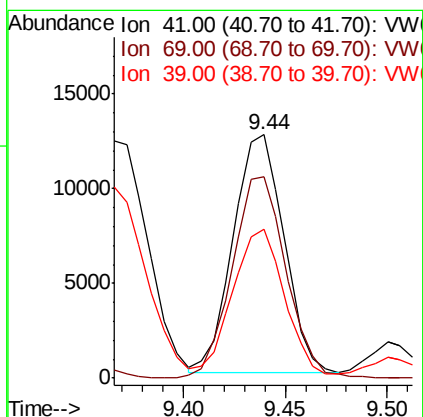
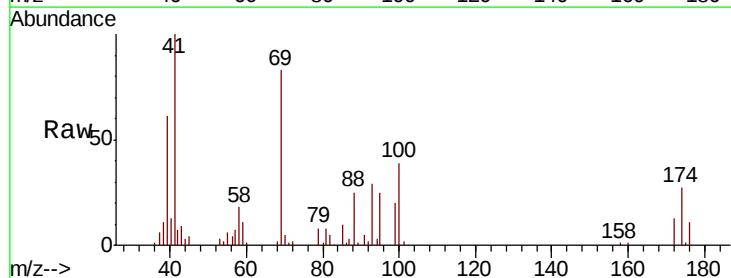
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

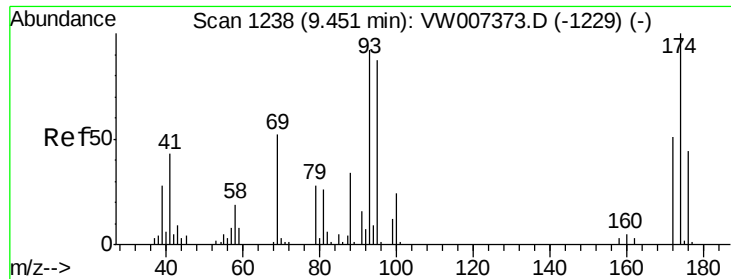
Tgt Ion: 83 Resp: 58174
 Ion Ratio Lower Upper
 83 100
 85 63.7 47.6 71.4
 127 9.1 6.7 10.1



#48
 Methyl methacrylate
 Concen: 43.943 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 41 Resp: 21638
 Ion Ratio Lower Upper
 41 100
 69 90.3 69.8 104.8
 39 65.8 50.9 76.3

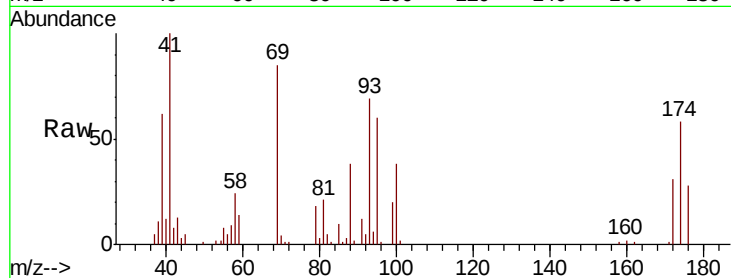




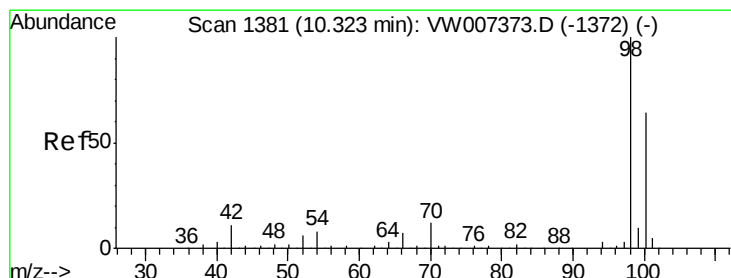
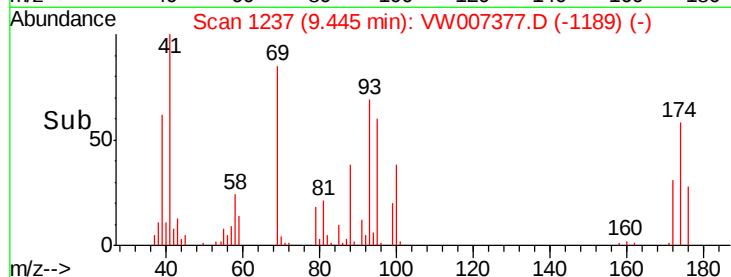
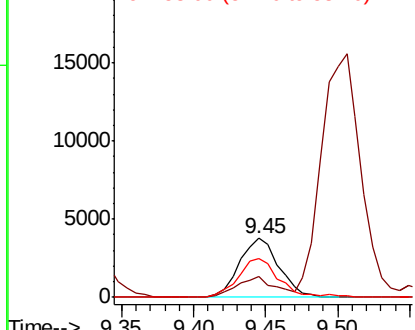
#49
1,4-Dioxane
Concen: 939.728 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 88 Resp: 7257
Ion Ratio Lower Upper
88 100
43 35.1 25.0 37.4
58 66.5 51.4 77.2

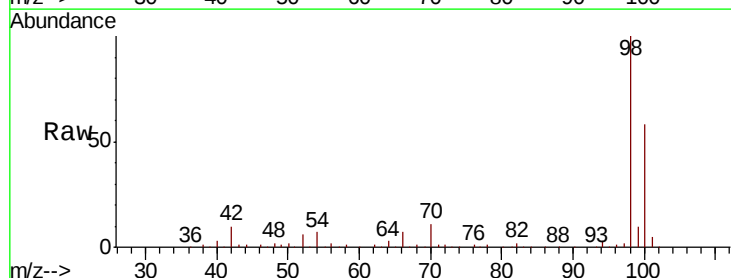


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

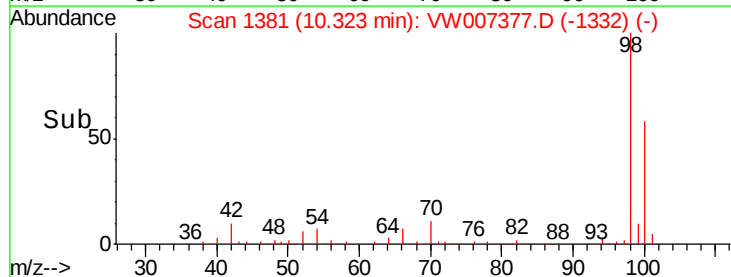
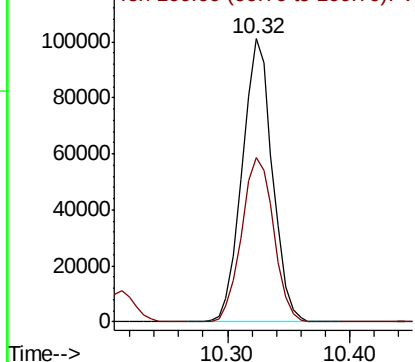


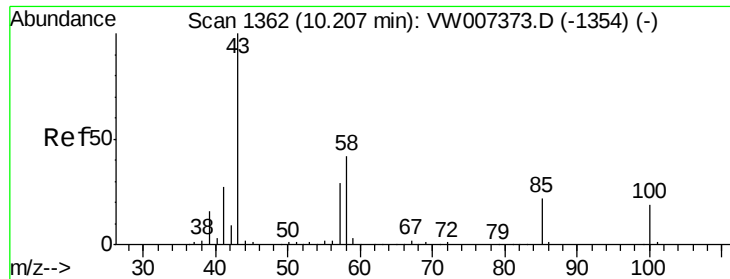
#50
Toluene-d8
Concen: 53.277 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 98 Resp: 172987
Ion Ratio Lower Upper
98 100
100 61.5 51.8 77.8



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: 227.260 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

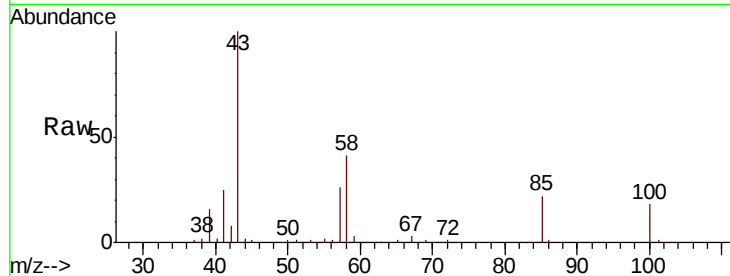
ICVW121118

Tgt Ion: 43 Resp: 102954

Ion Ratio Lower Upper

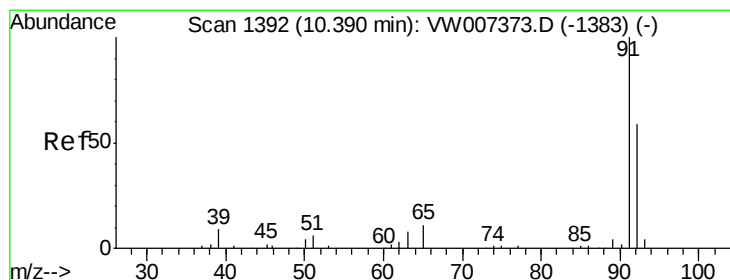
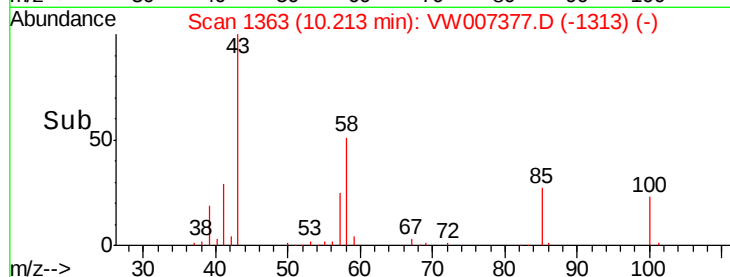
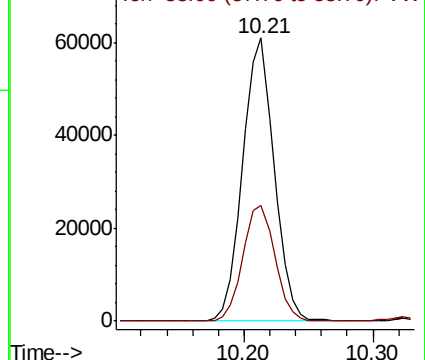
43 100

58 41.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 47.937 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007377.D

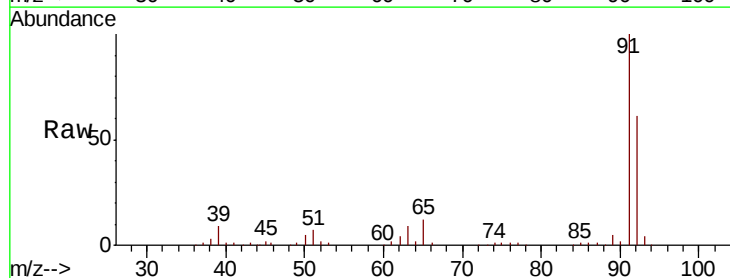
Acq: 11 Dec 2018 02:15

Tgt Ion: 92 Resp: 112352

Ion Ratio Lower Upper

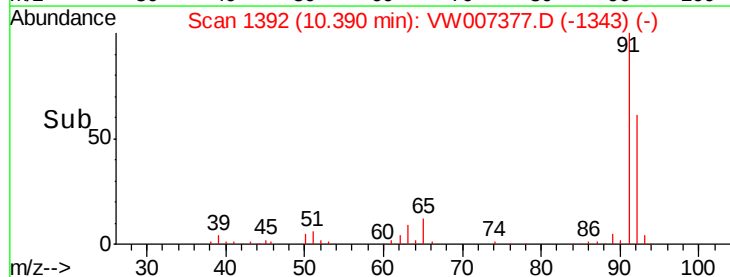
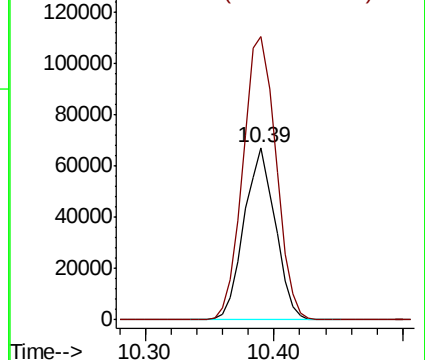
92 100

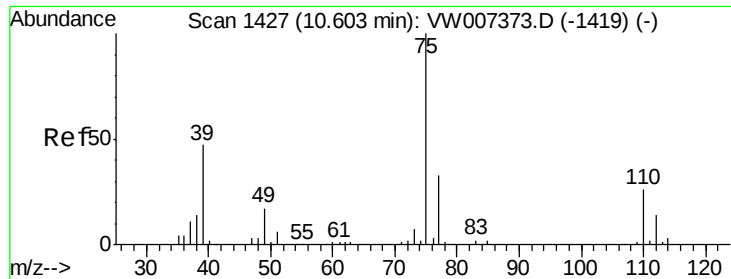
91 174.4 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

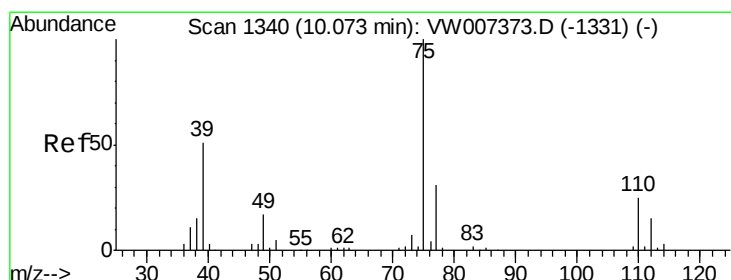
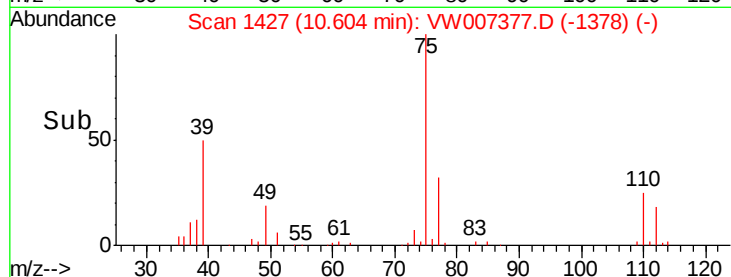
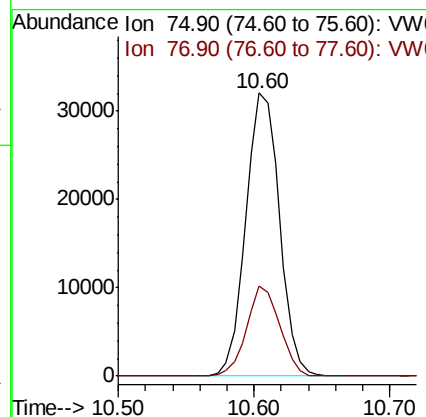
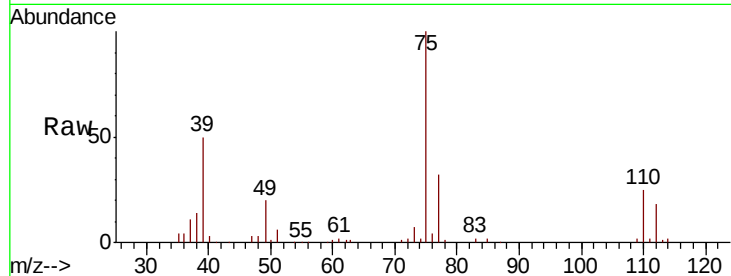




#53
 t-1,3-Dichloropropene
 Concen: 45.898 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

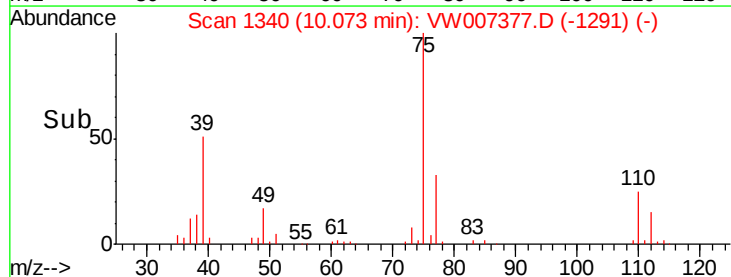
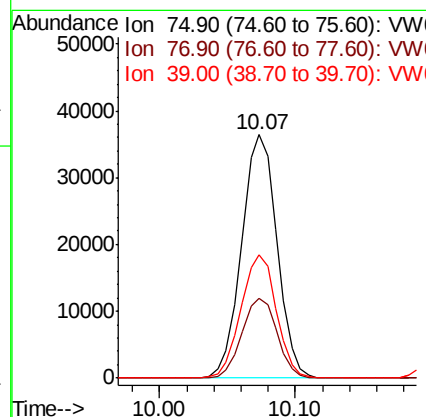
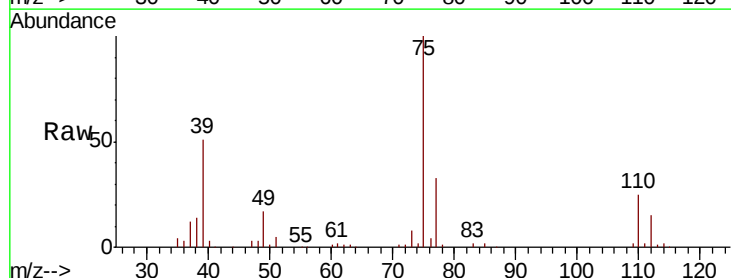
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW121118

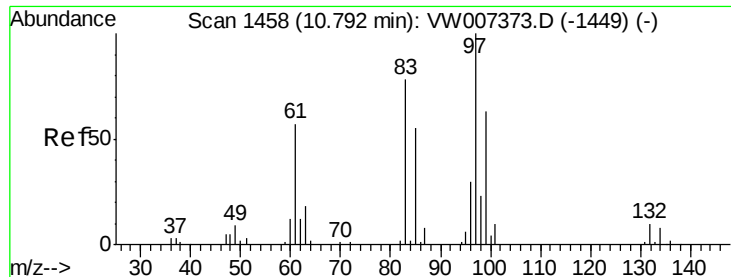
Tgt Ion: 75 Resp: 55627
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.210 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 75 Resp: 66144
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.8 37.2
 39 50.9 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 46.879 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 97 Resp: 30366

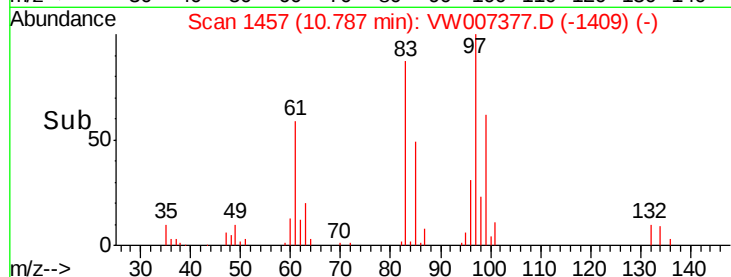
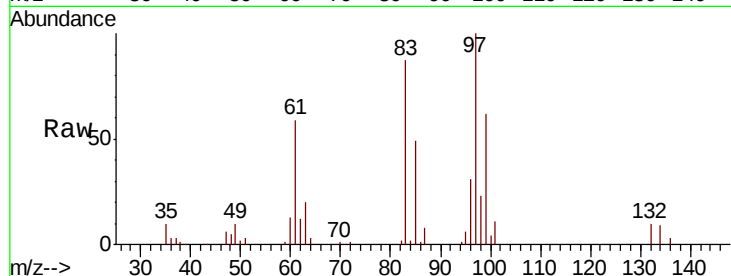
Ion Ratio Lower Upper

97 100

83 86.6 62.1 93.1

85 49.1 44.2 66.4

99 61.8 50.2 75.4



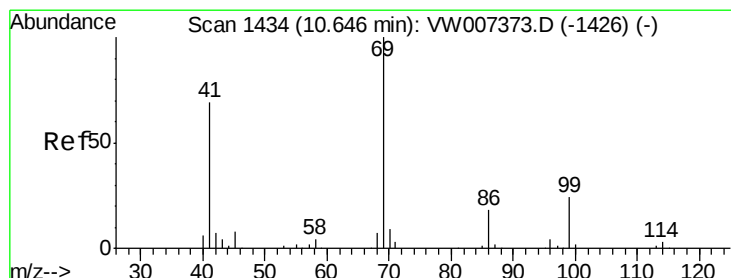
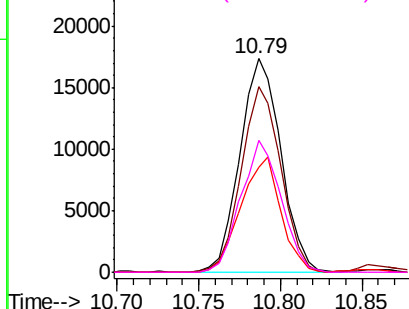
Abundance

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



#56

Ethyl methacrylate

Concen: 48.232 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

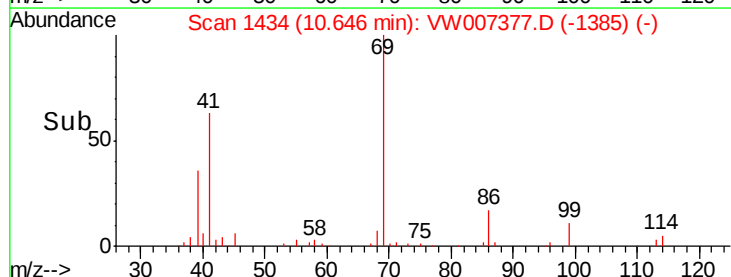
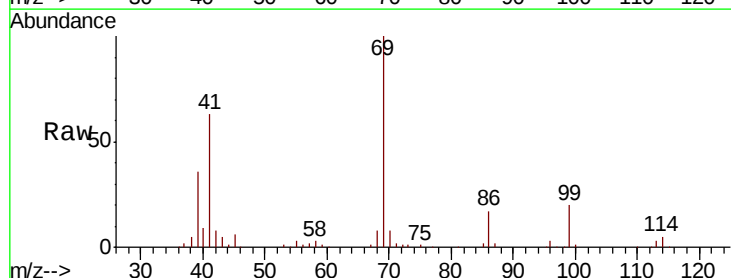
Tgt Ion: 69 Resp: 37552

Ion Ratio Lower Upper

69 100

41 61.7 51.0 76.6

39 36.2 30.8 46.2

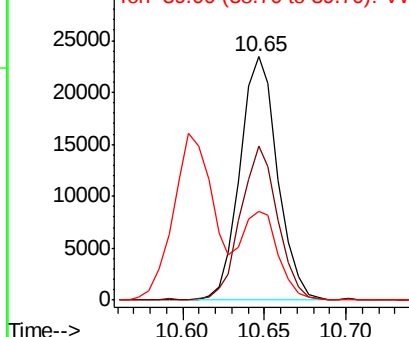


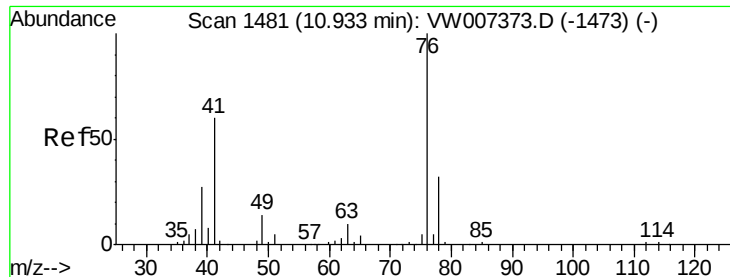
Abundance

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

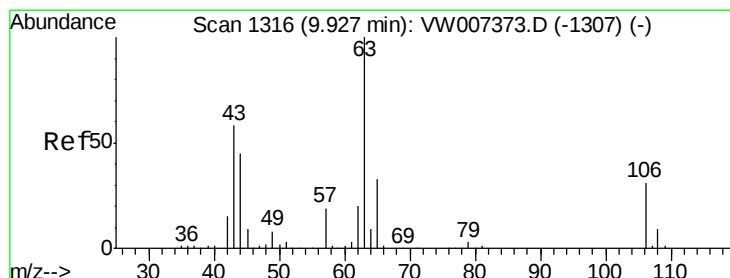
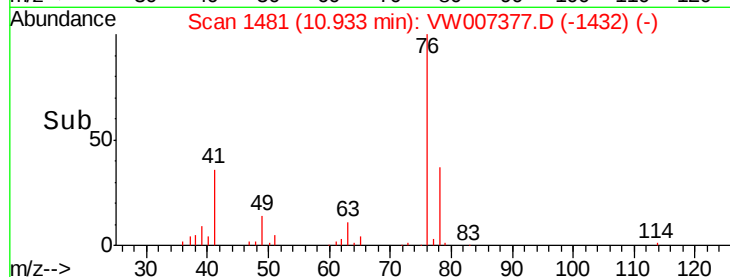
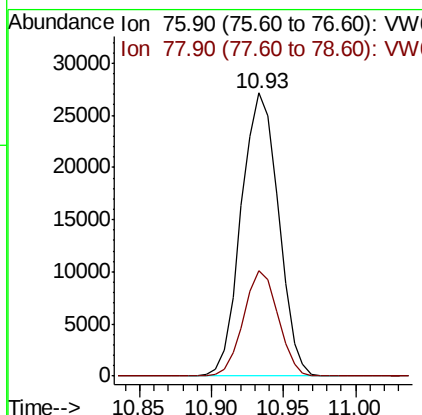
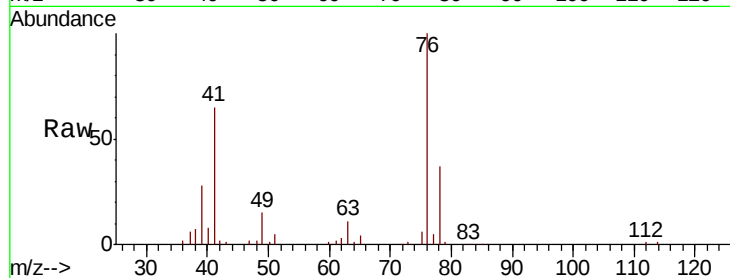




#57
 1,3-Dichloropropane
 Concen: 45.828 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

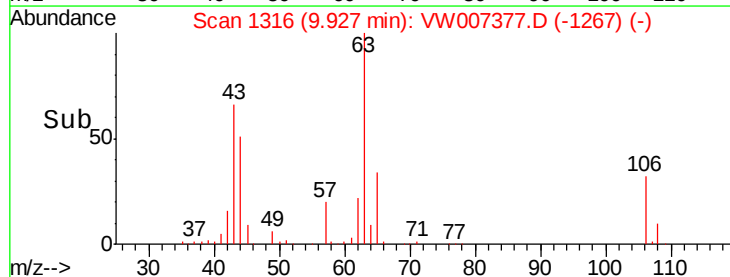
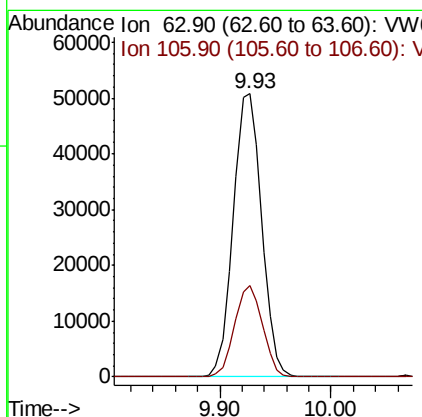
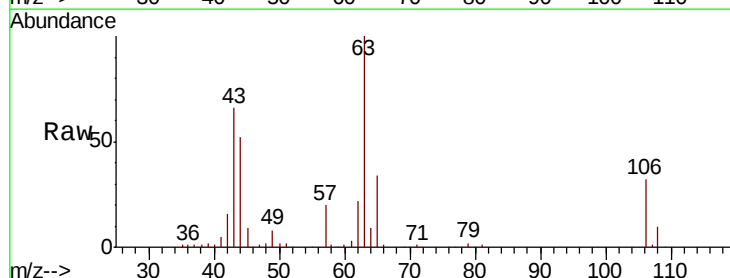
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

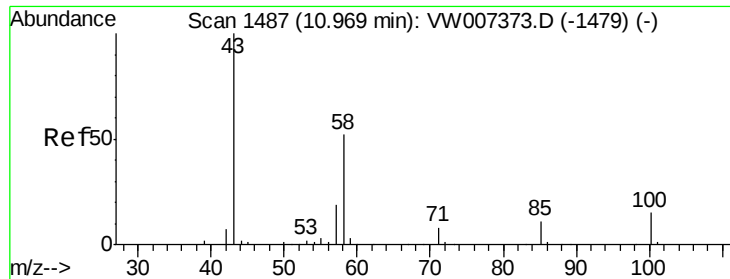
Tgt Ion: 76 Resp: 48724
 Ion Ratio Lower Upper
 76 100
 78 34.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.761 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 63 Resp: 89674
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.0 37.6

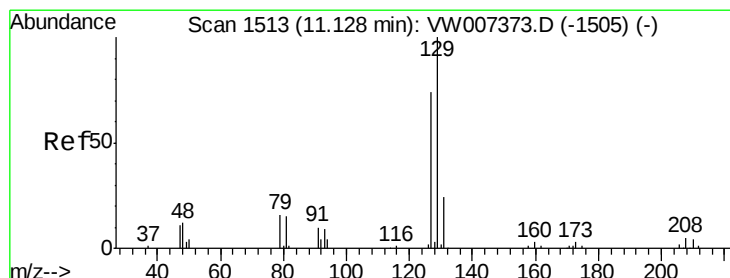
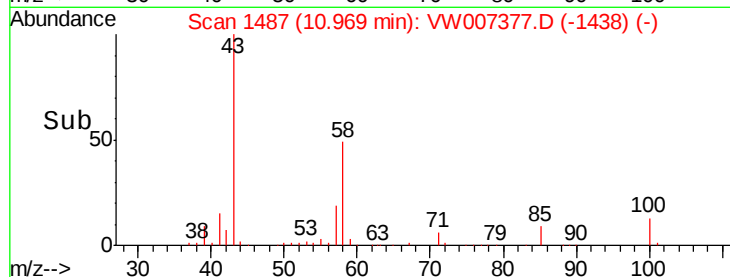
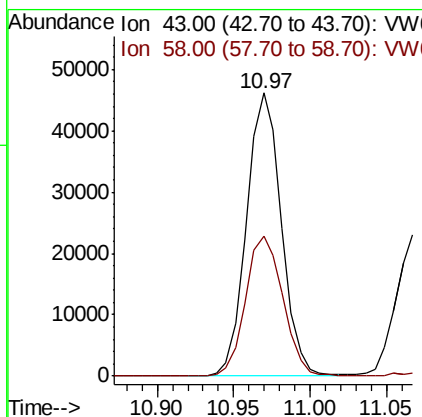
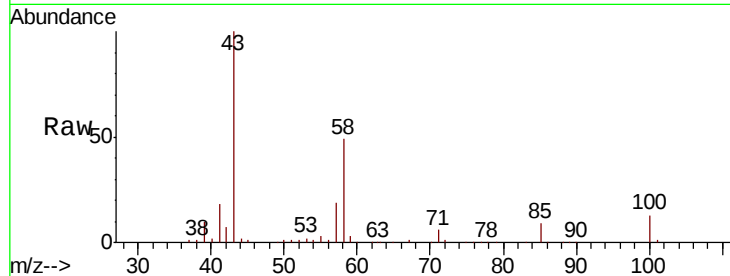




#59
2-Hexanone
Concen: 241.698 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

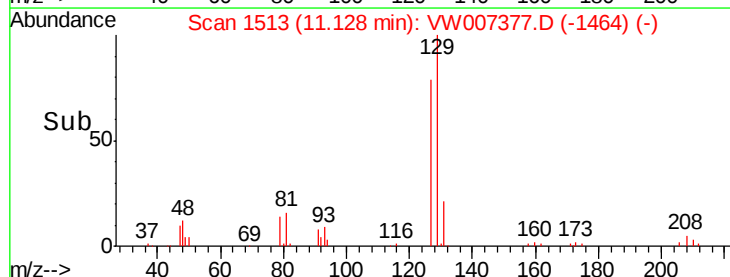
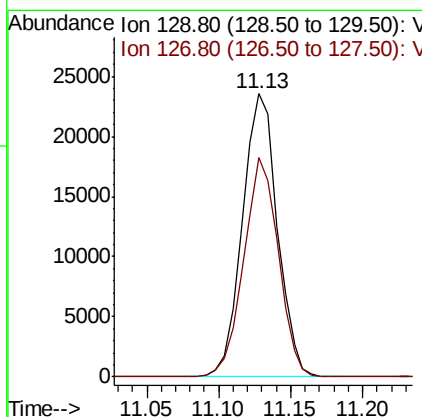
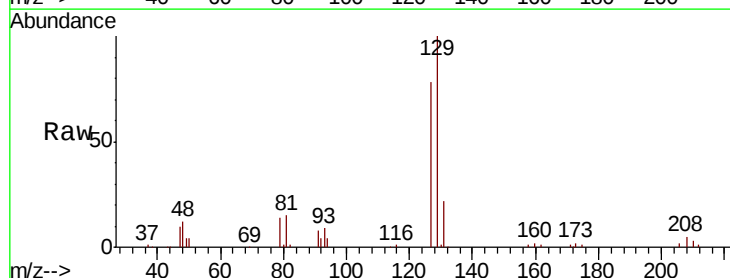
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

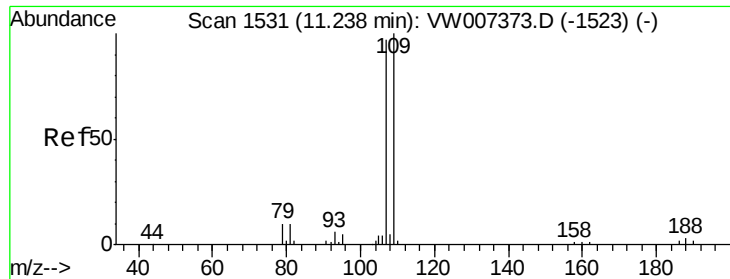
Tgt Ion: 43 Resp: 73011
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.3



#60
Dibromochloromethane
Concen: 48.314 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 129 Resp: 39495
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3

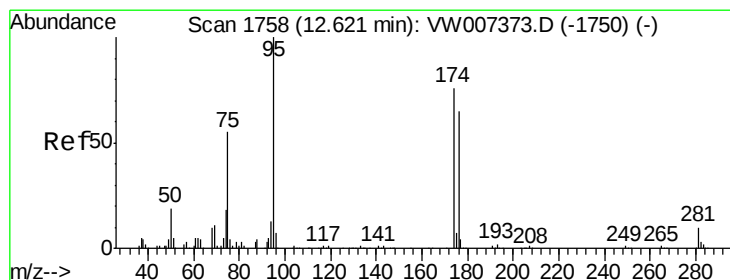
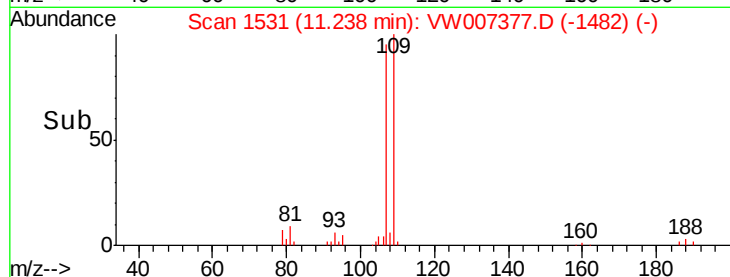
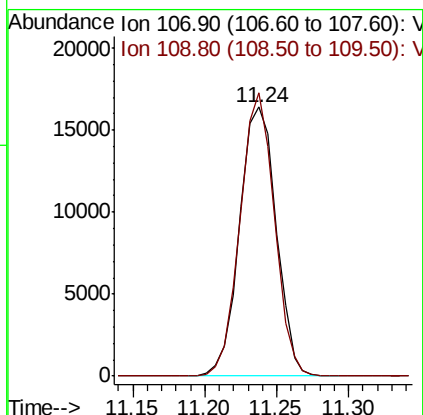
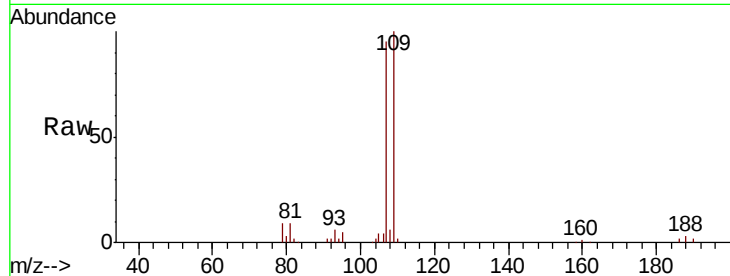




#61
 1,2-Dibromoethane
 Concen: 45.181 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

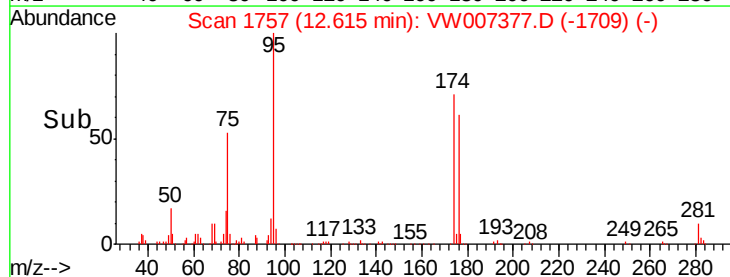
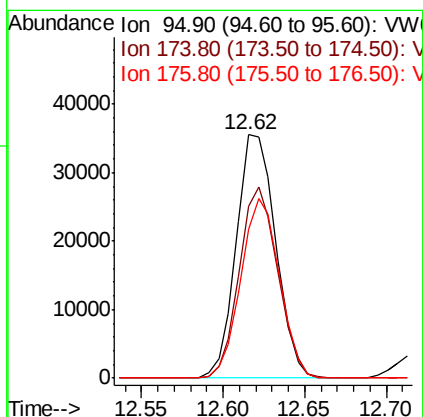
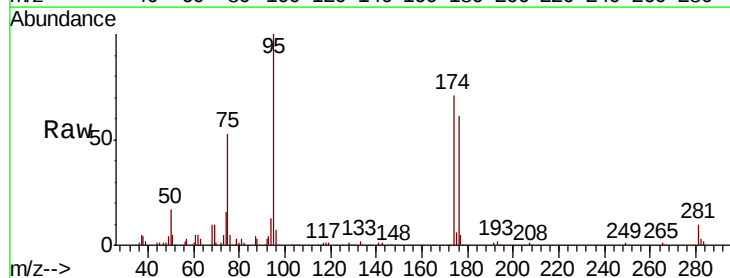
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

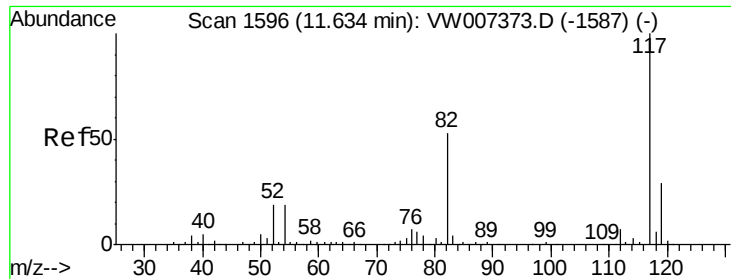
Tgt Ion: 107 Resp: 28922
 Ion Ratio Lower Upper
 107 100
 109 98.6 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 50.205 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 95 Resp: 59936
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 147.2
 176 72.4 0.0 138.8

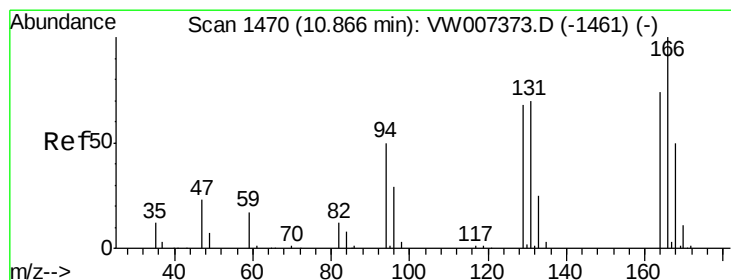
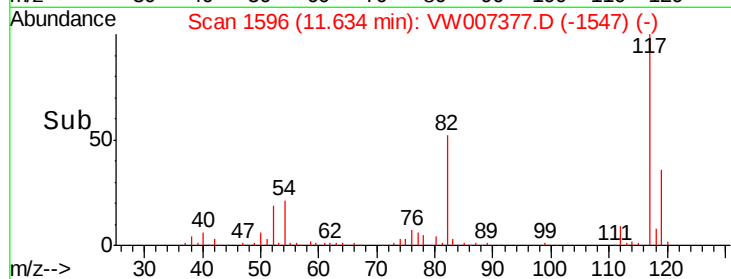
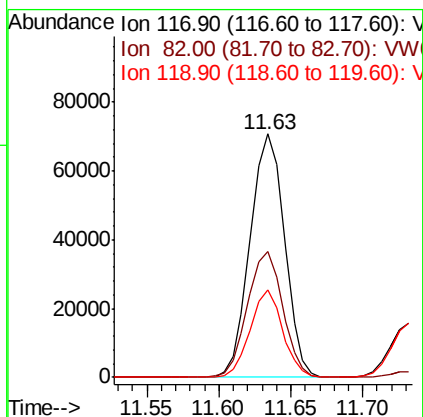
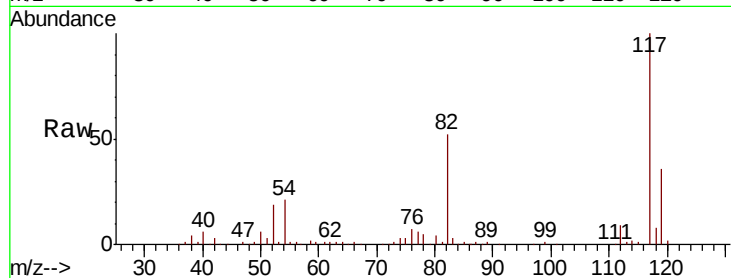




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

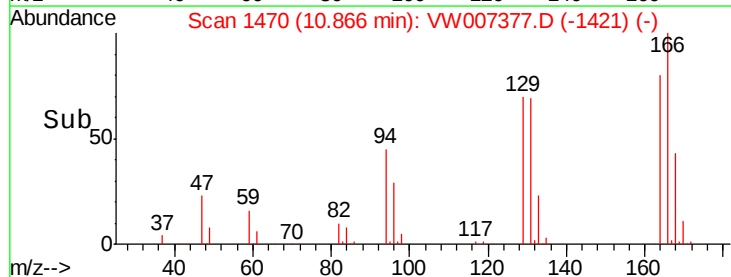
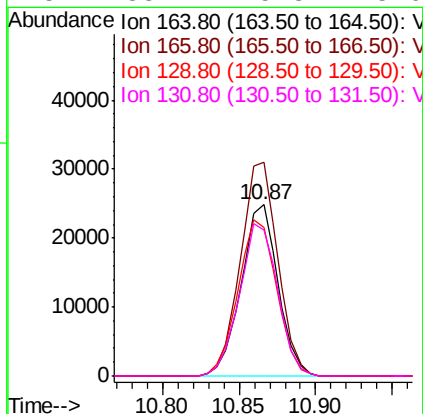
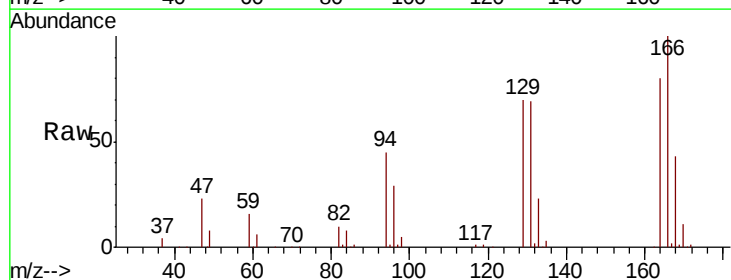
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

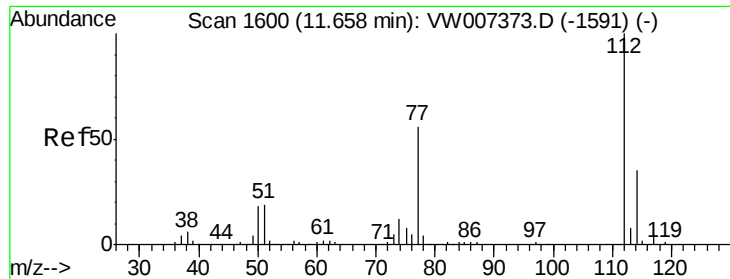
Tgt Ion:117 Resp: 117361
Ion Ratio Lower Upper
117 100
82 51.6 42.3 63.5
119 36.1 23.0 34.6#



#64
Tetrachloroethene
Concen: 49.031 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion:164 Resp: 41381
Ion Ratio Lower Upper
164 100
166 124.9 107.9 161.9
129 87.2 73.4 110.2
131 85.7 75.8 113.6

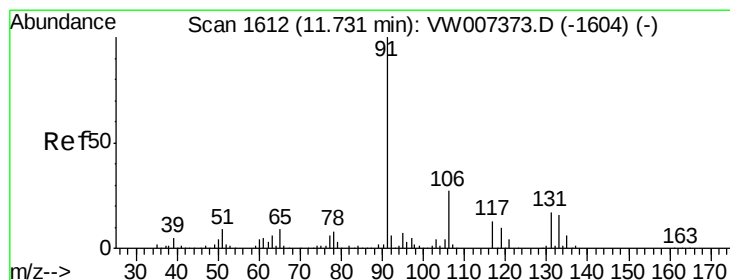
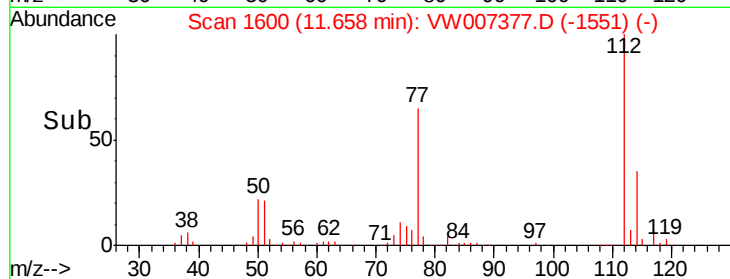
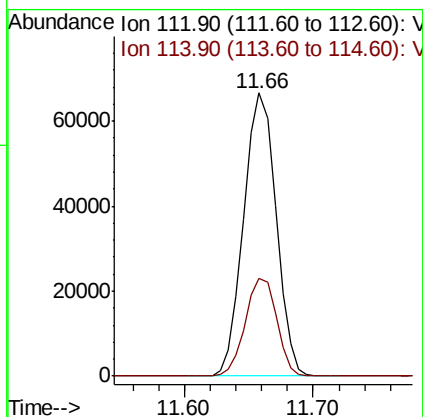
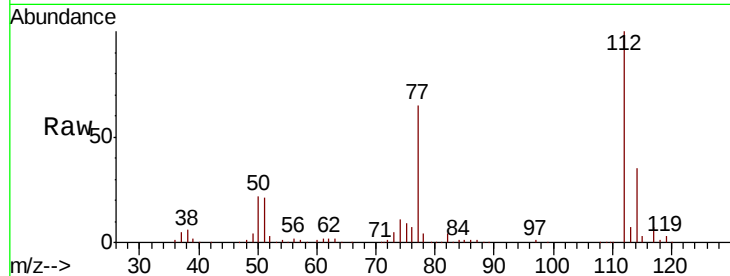




#65
Chlorobenzene
Concen: 47.490 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

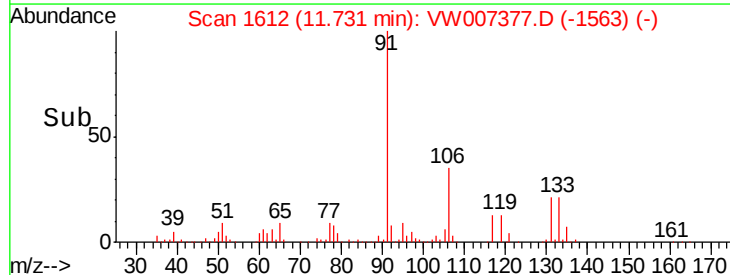
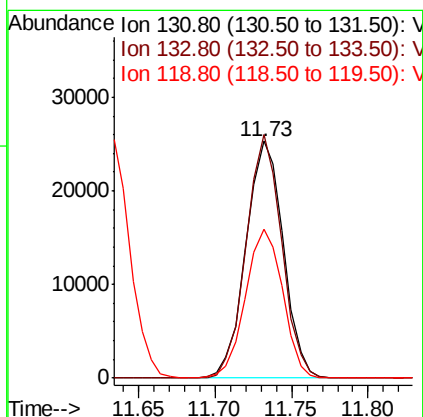
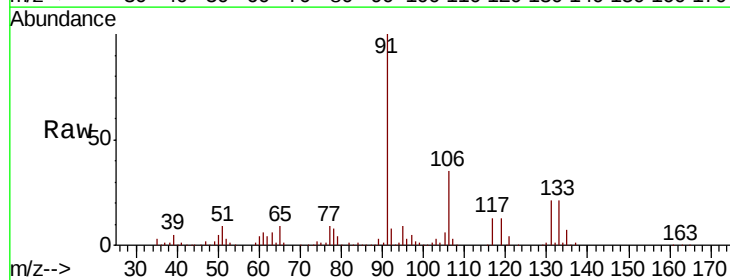
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

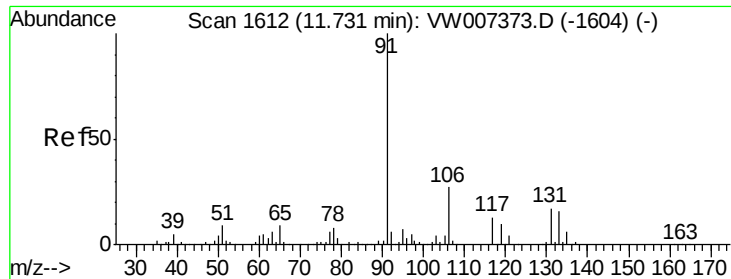
Tgt Ion:112 Resp: 116169
Ion Ratio Lower Upper
112 100
114 34.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.842 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion:131 Resp: 42941
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 62.6 31.3 93.9

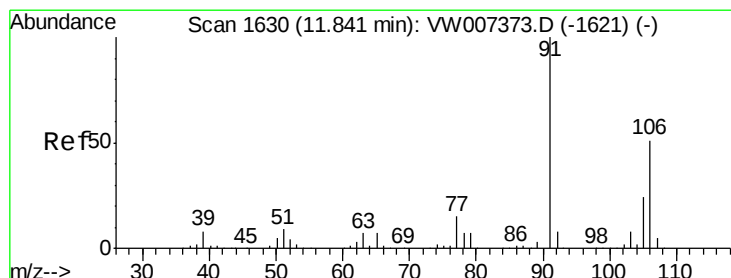
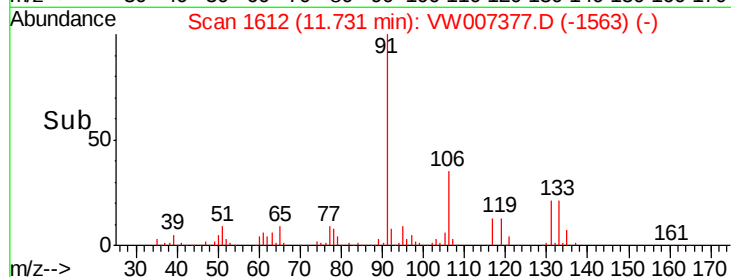
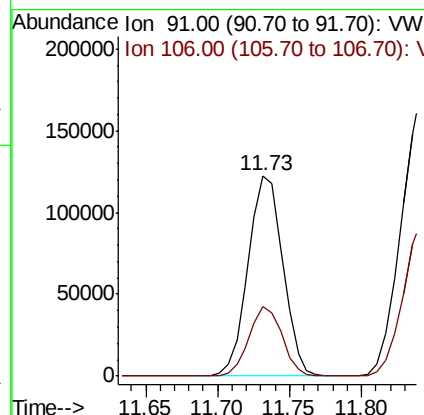
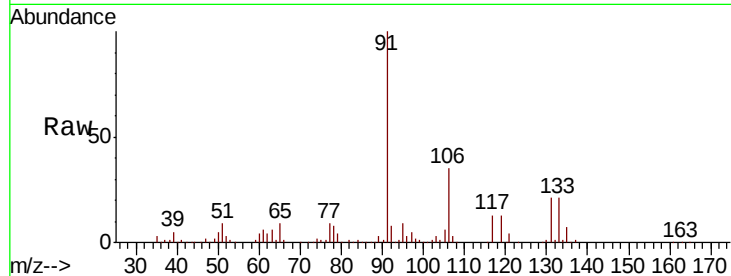




#67
Ethyl Benzene
Concen: 48.586 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

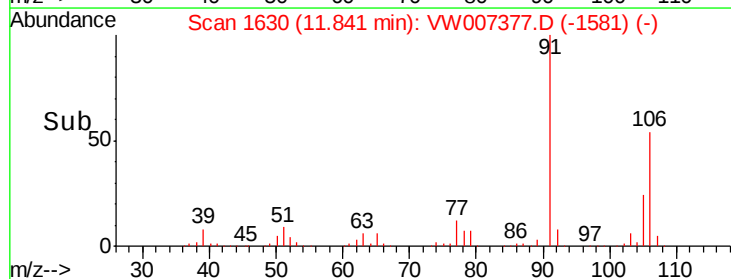
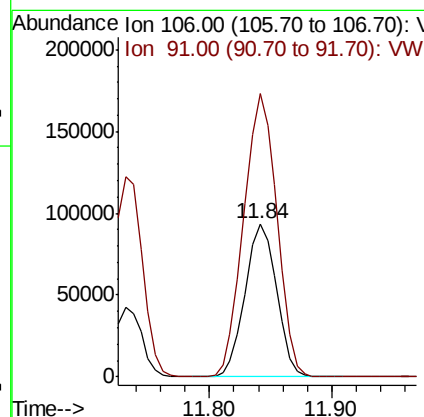
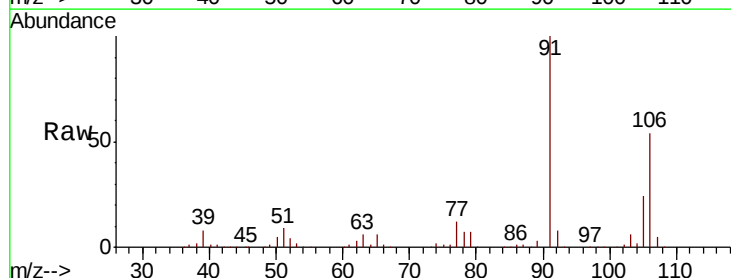
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

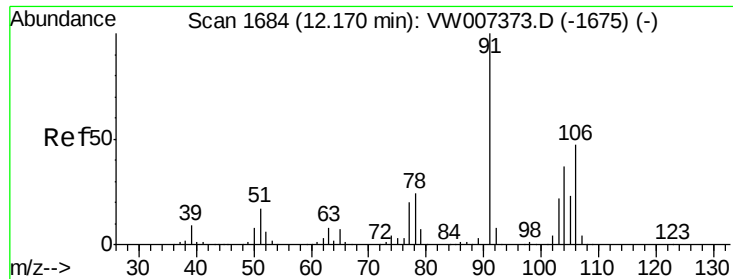
Tgt Ion: 91 Resp: 204334
Ion Ratio Lower Upper
91 100
106 34.8 21.8 32.8#



#68
m/p-Xylenes
Concen: 103.067 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 106 Resp: 168512
Ion Ratio Lower Upper
106 100
91 194.0 165.3 247.9

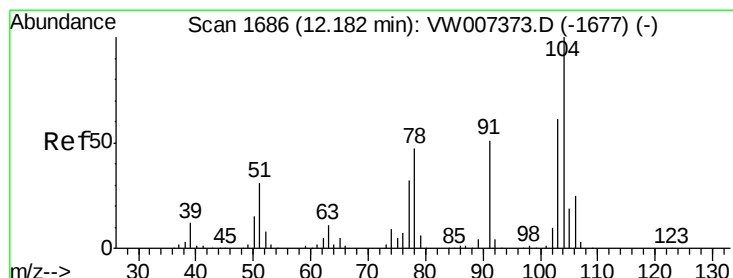
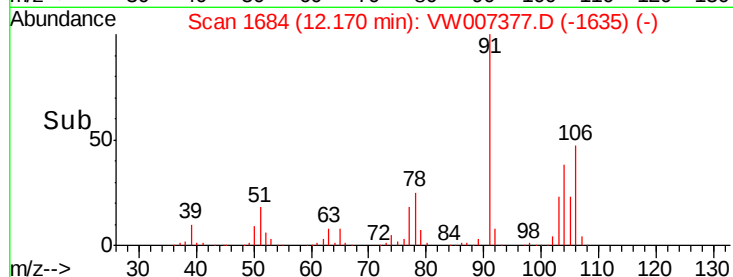
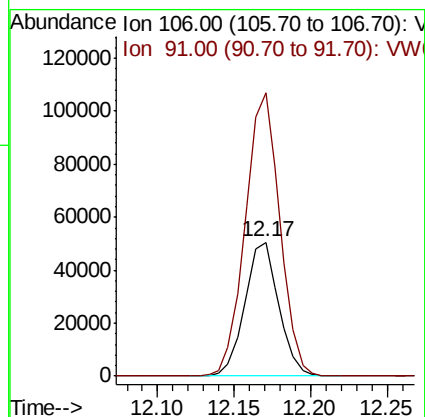
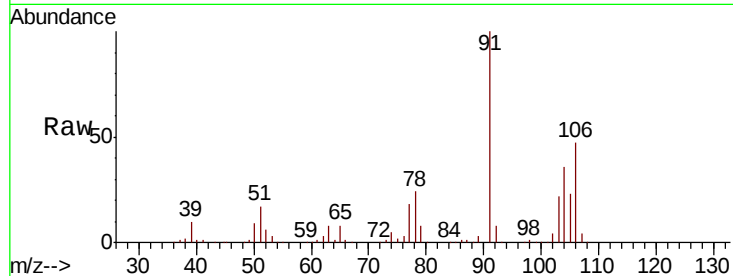




#69
o-Xylene
Concen: 50.878 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

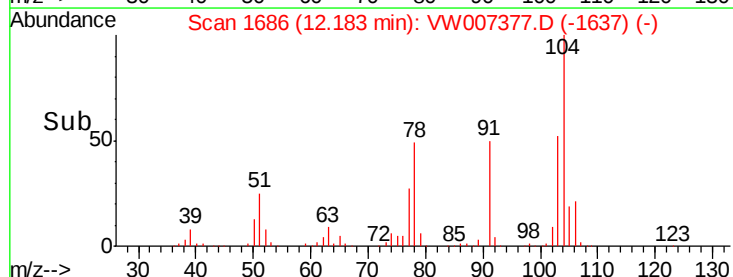
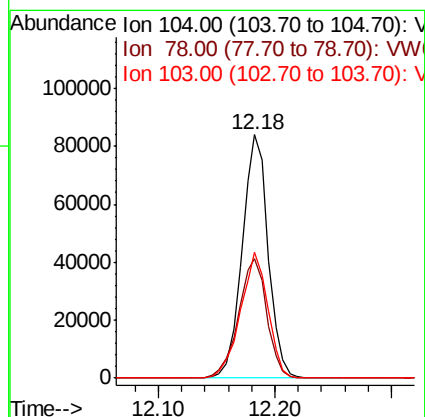
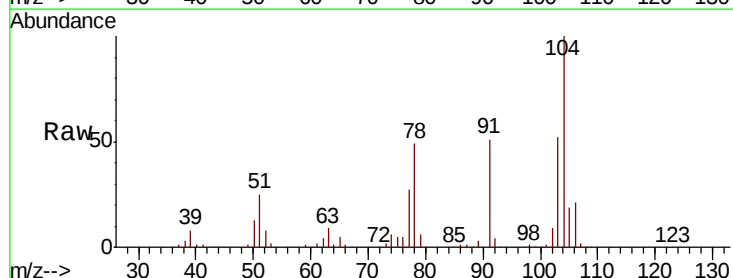
Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

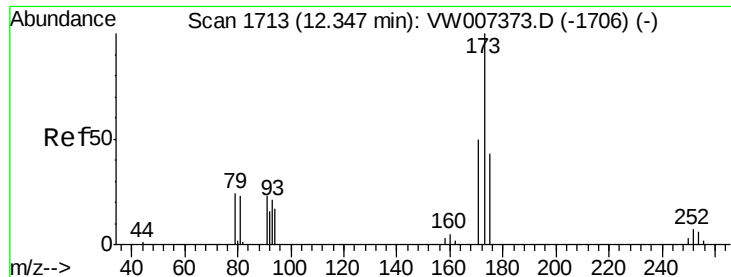
Tgt Ion:106 Resp: 77689
Ion Ratio Lower Upper
106 100
91 215.6 106.6 319.8



#70
Styrene
Concen: 52.867 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion:104 Resp: 130390
Ion Ratio Lower Upper
104 100
78 53.5 41.8 62.8
103 54.6 46.6 69.8





#71

Bromoform

Concen: 47.617 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

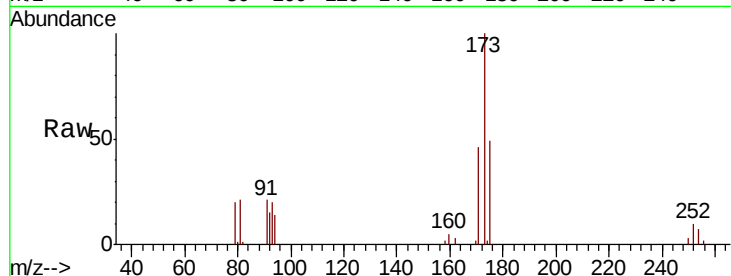
Tgt Ion:173 Resp: 20998

Ion Ratio Lower Upper

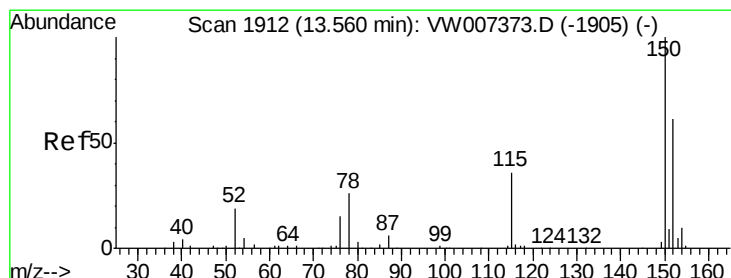
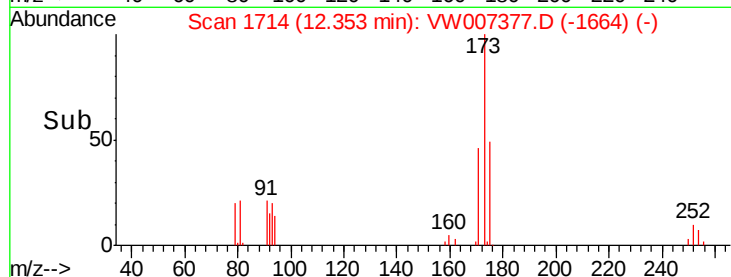
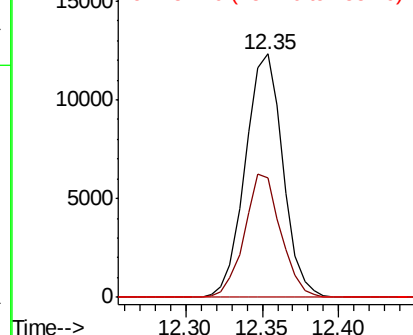
173 100

175 49.0 23.6 70.8

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: VW007377.D

Acq: 11 Dec 2018 02:15

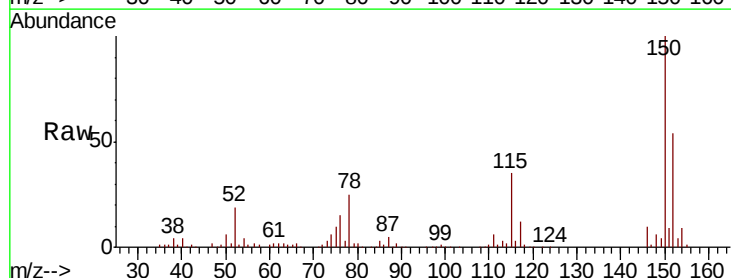
Tgt Ion:152 Resp: 57264

Ion Ratio Lower Upper

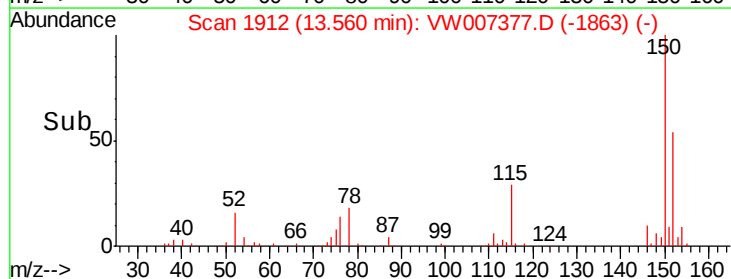
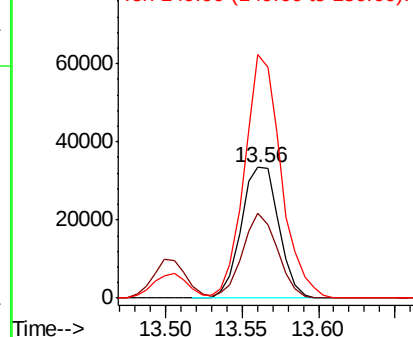
152 100

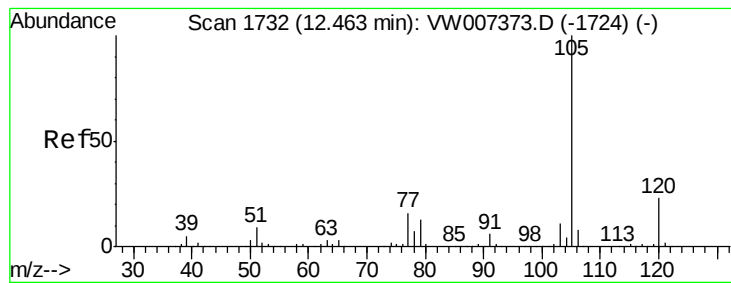
115 60.0 31.4 94.2

150 180.5 0.0 358.4



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





#73

Isopropylbenzene

Concen: 48.624 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

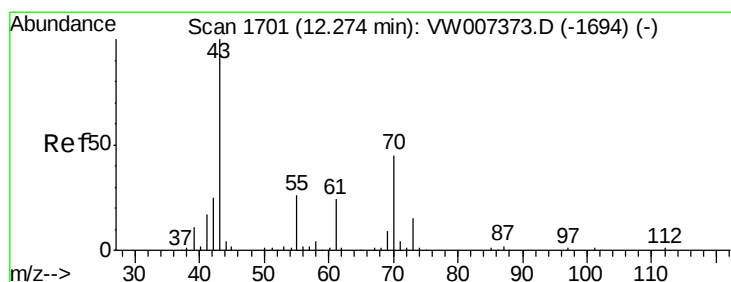
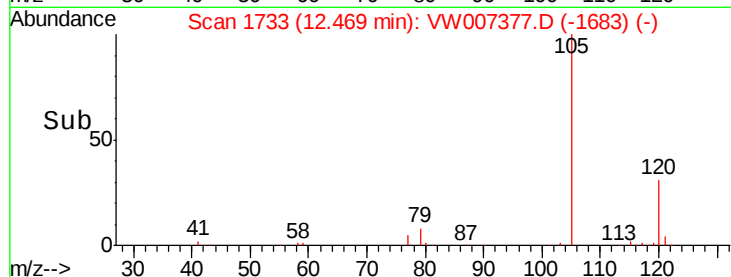
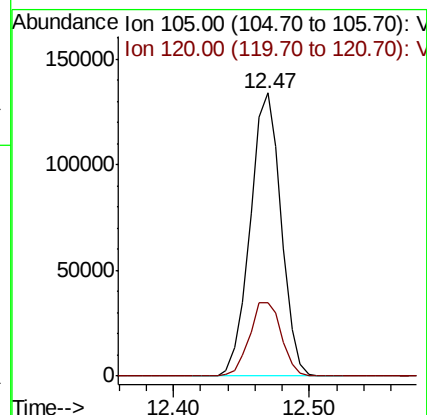
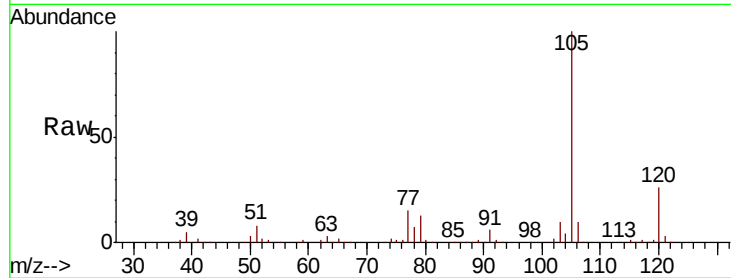
ICVW121118

Tgt Ion: 105 Resp: 213350

Ion Ratio Lower Upper

105 100

120 27.1 12.8 38.4



#74

N-ethyl acetate

Concen: 45.158 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion: 43 Resp: 36011

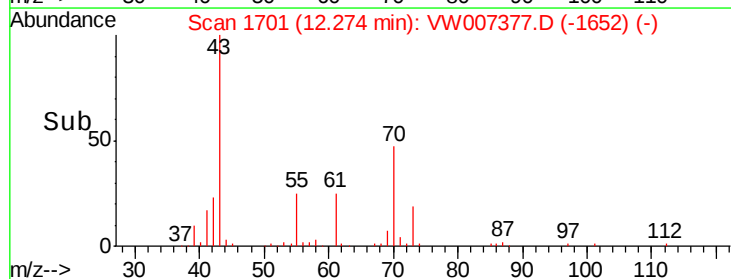
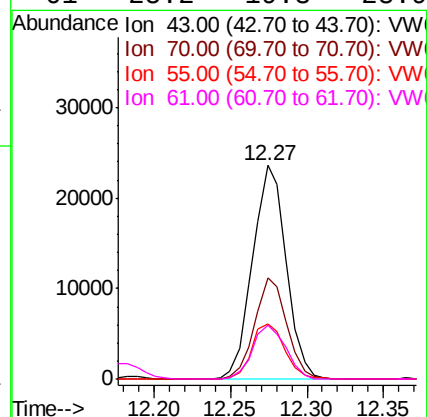
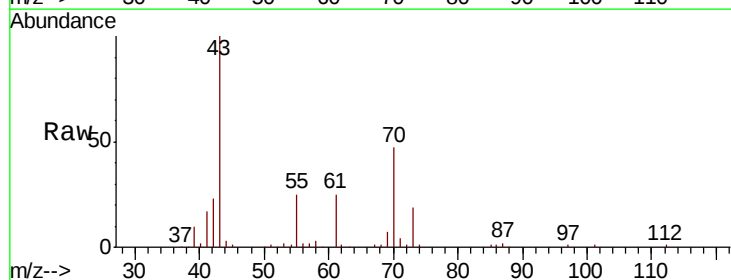
Ion Ratio Lower Upper

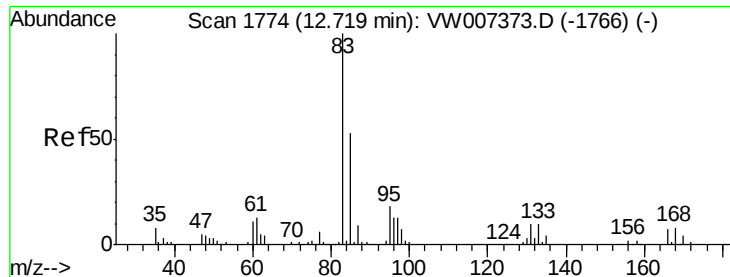
43 100

70 45.3 36.5 54.7

55 25.5 20.1 30.1

61 25.2 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.064 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

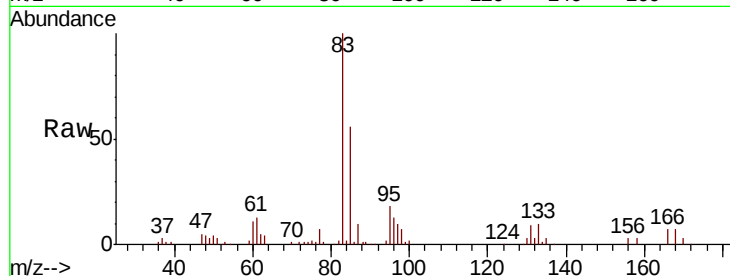
Tgt Ion: 83 Resp: 31886

Ion Ratio Lower Upper

83 100

131 11.0 5.9 17.8

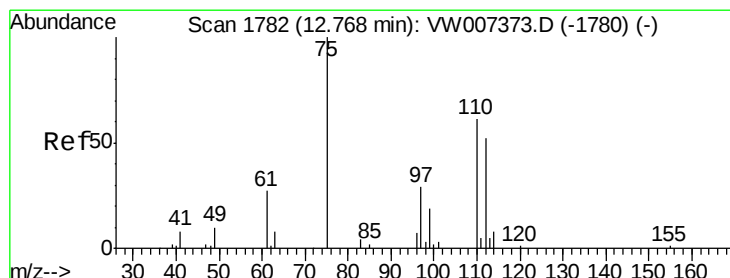
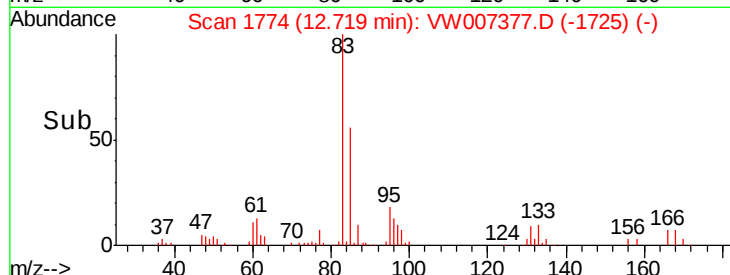
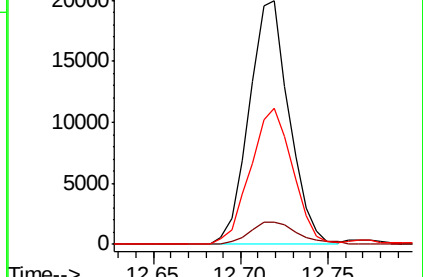
85 58.9 30.0 90.0



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: 90.514 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW007377.D

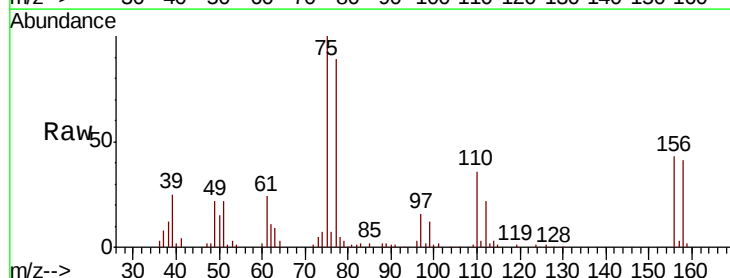
Acq: 11 Dec 2018 02:15

Tgt Ion: 75 Resp: 42737

Ion Ratio Lower Upper

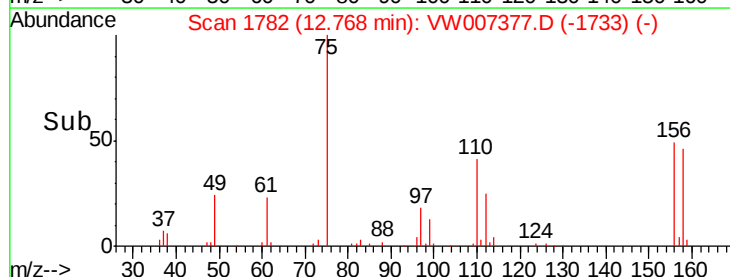
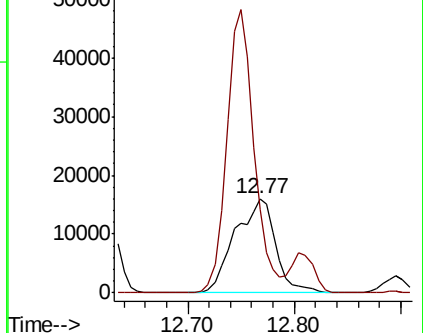
75 100

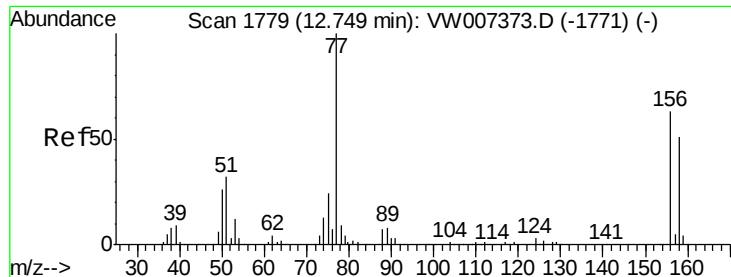
77 201.7 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.293 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

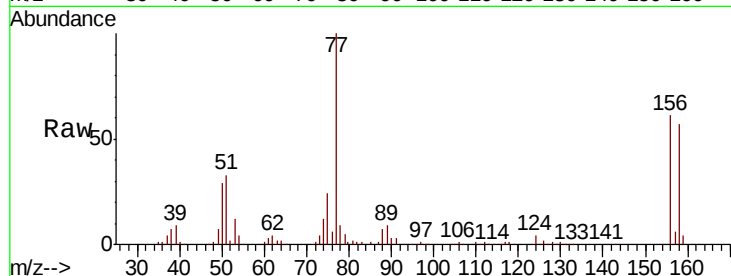
Tgt Ion:156 Resp: 47942

Ion Ratio Lower Upper

156 100

77 179.8 88.1 264.4

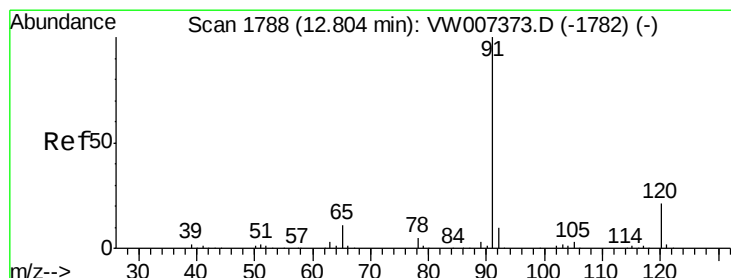
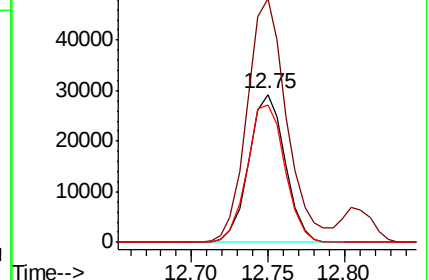
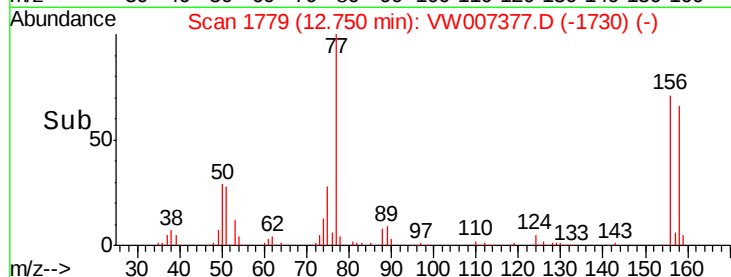
158 96.8 45.6 136.7



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: 51.586 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW007377.D

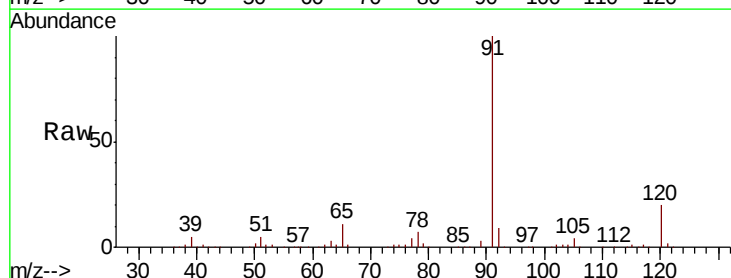
Acq: 11 Dec 2018 02:15

Tgt Ion: 91 Resp: 254736

Ion Ratio Lower Upper

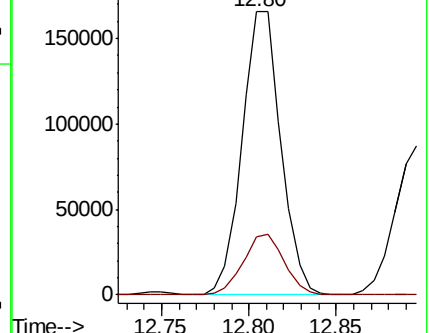
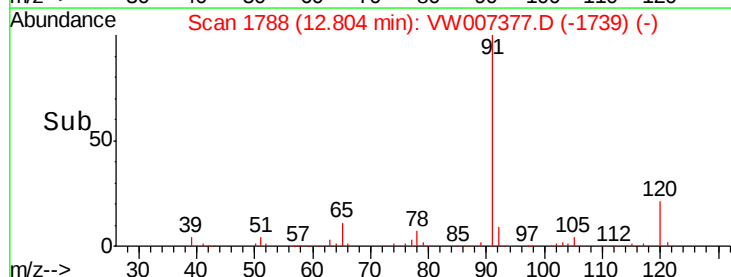
91 100

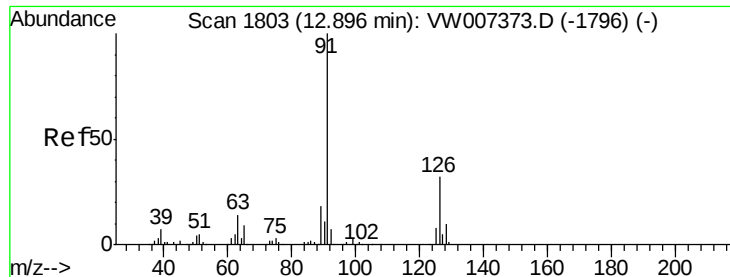
120 22.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

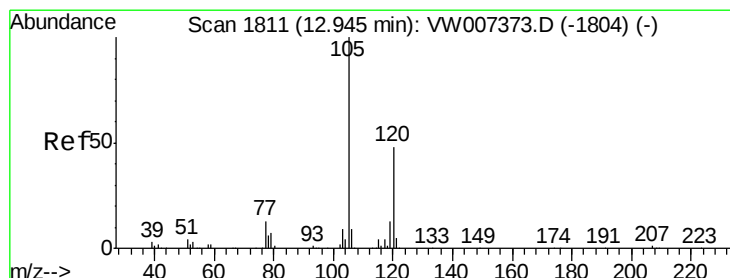
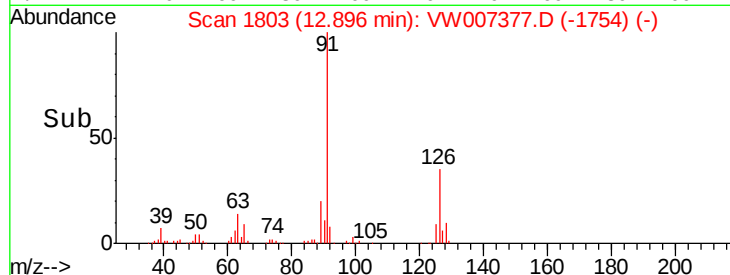
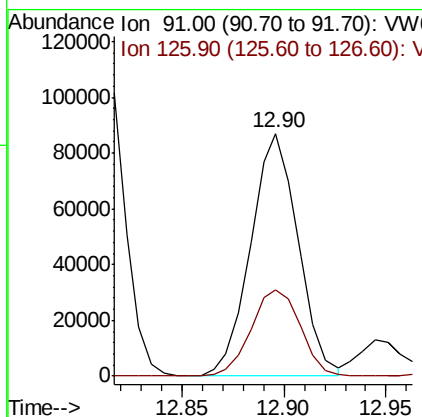
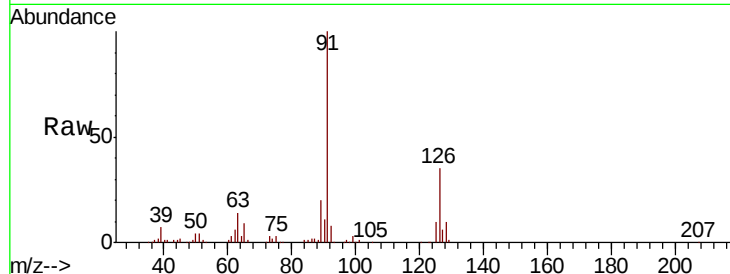




#79
 2-Chlorotoluene
 Concen: 47.137 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

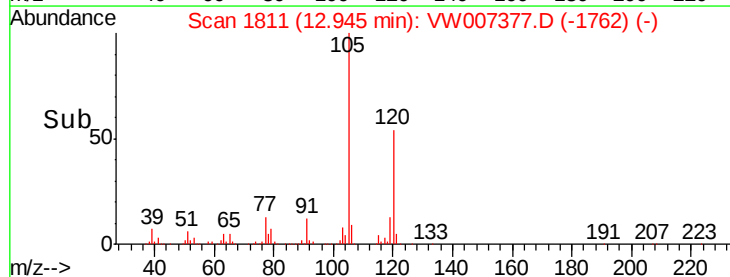
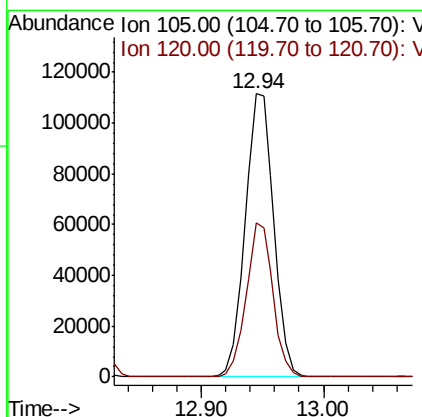
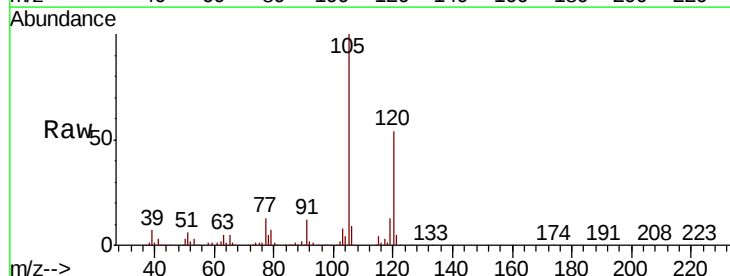
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

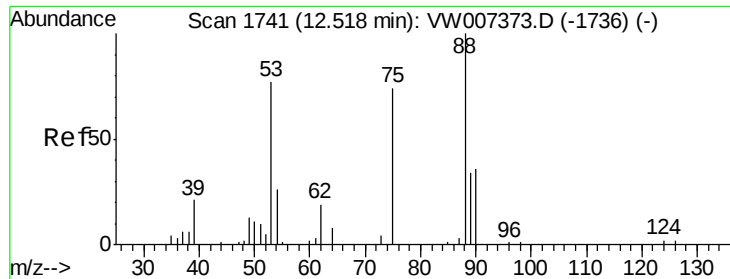
Tgt Ion: 91 Resp: 140840
 Ion Ratio Lower Upper
 91 100
 126 36.8 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.814 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 105 Resp: 179969
 Ion Ratio Lower Upper
 105 100
 120 50.9 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.869 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

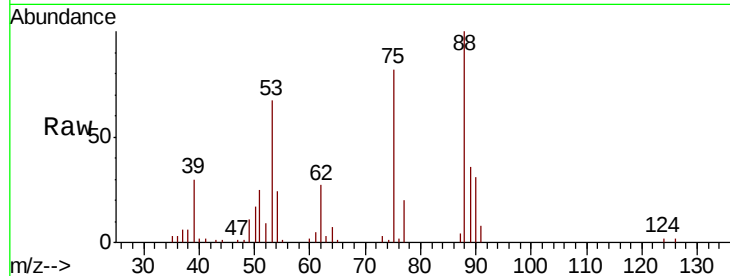
Tgt Ion: 75 Resp: 10659

Ion Ratio Lower Upper

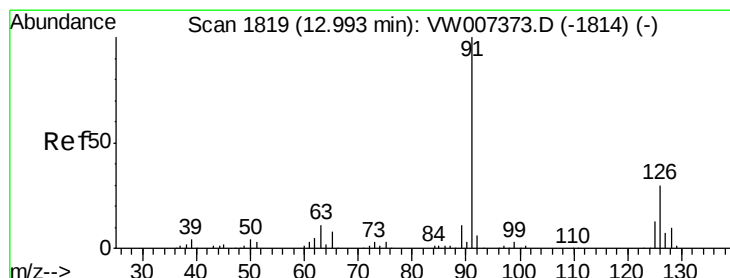
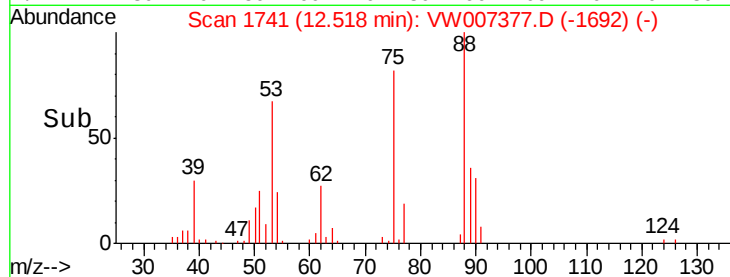
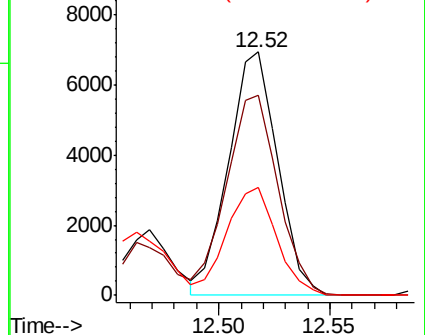
75 100

53 86.6 84.9 127.3

89 45.5 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 48.433 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW007377.D

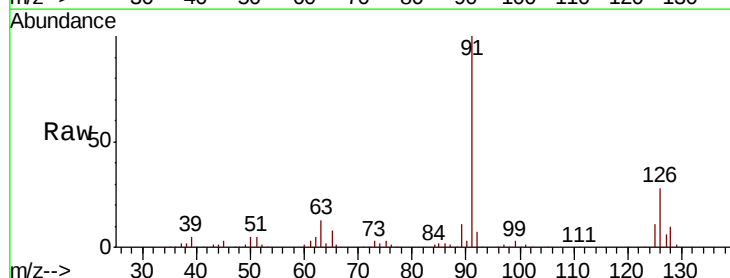
Acq: 11 Dec 2018 02:15

Tgt Ion: 91 Resp: 152543

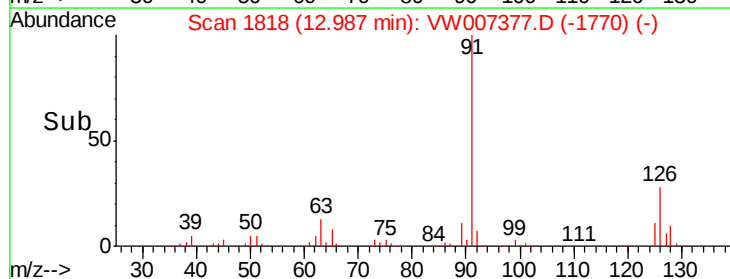
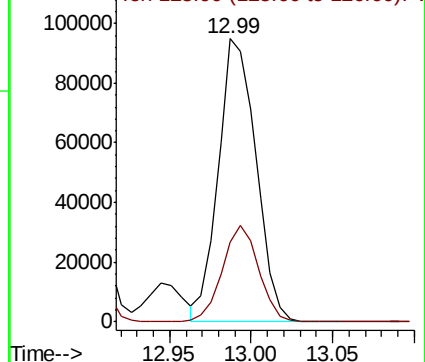
Ion Ratio Lower Upper

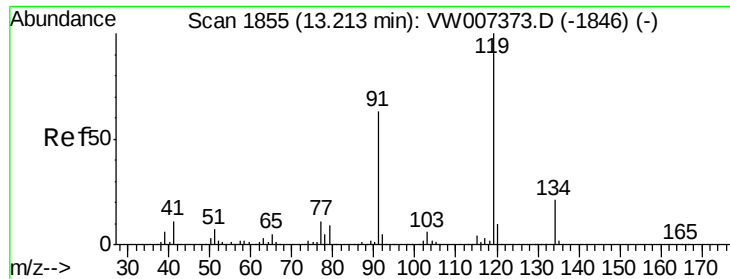
91 100

126 33.0 16.0 48.0



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





#83

tert-Butylbenzene

Concen: 48.902 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

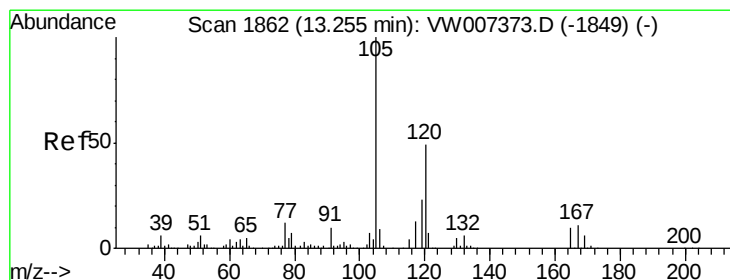
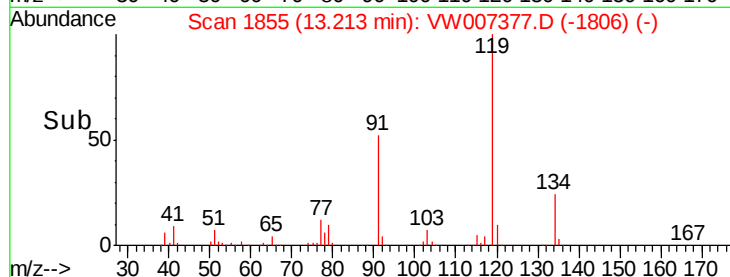
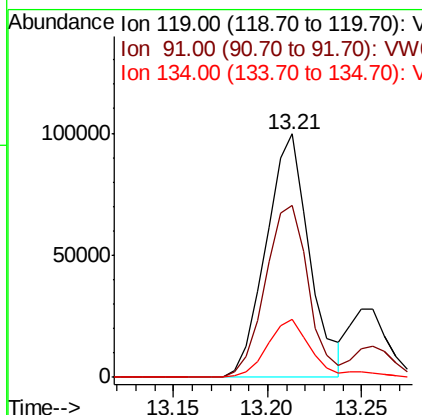
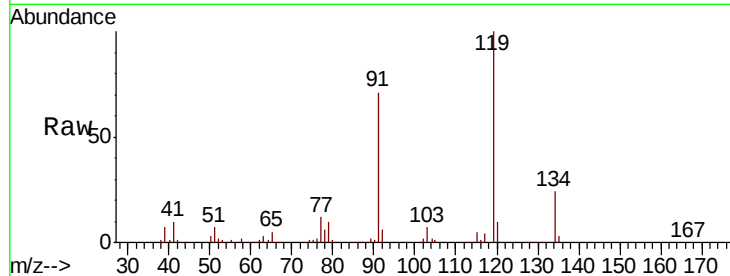
Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion:119 Resp: 158862

Ion	Ratio	Lower	Upper
119	100		
91	70.3	33.1	99.2
134	25.0	12.5	37.5



#84

1,2,4-Trimethylbenzene

Concen: 50.410 ug/l

RT: 13.26 min Scan# 1862

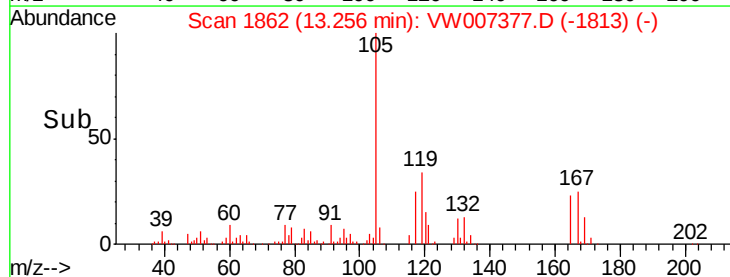
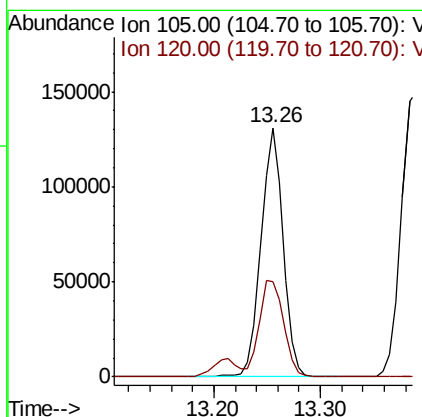
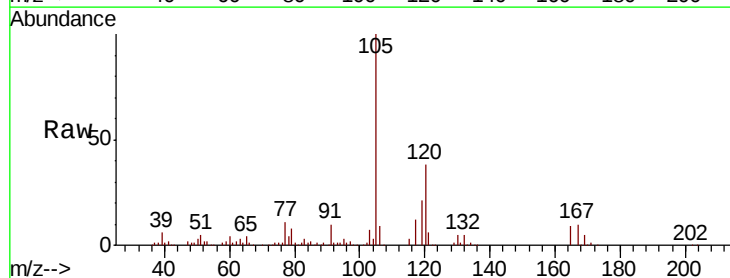
Delta R.T. 0.00 min

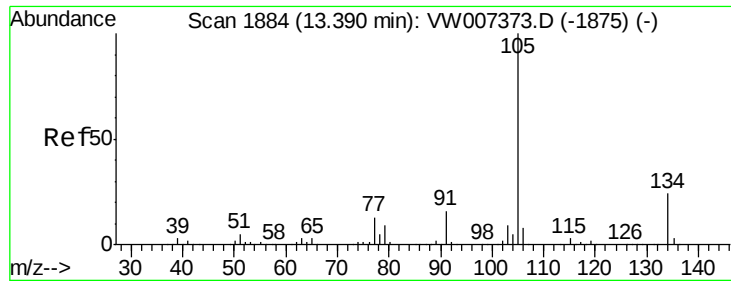
Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion:105 Resp: 191251

Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.6	67.7

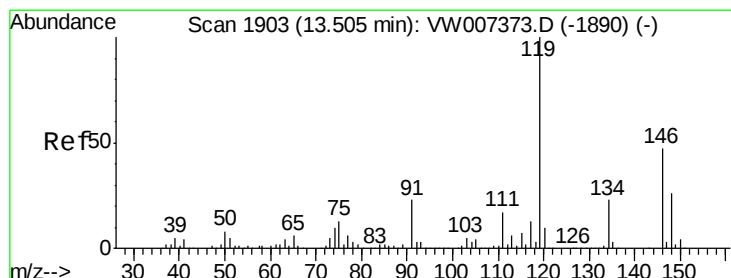
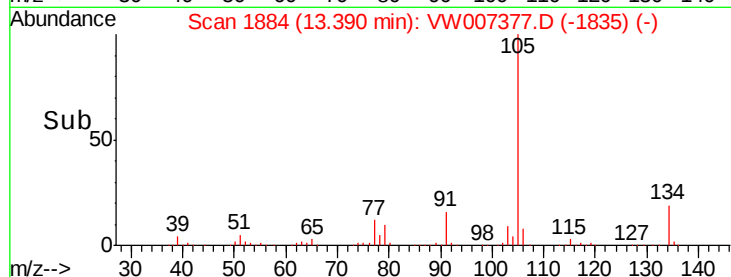
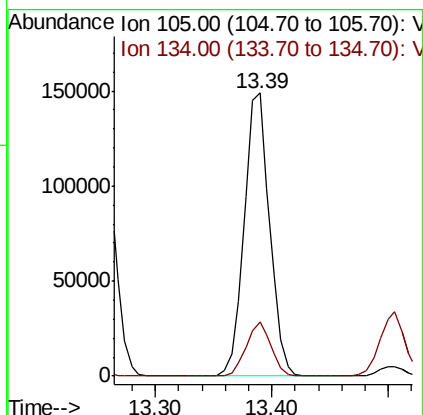
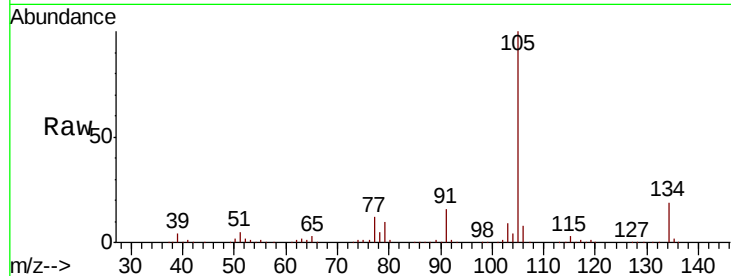




#85
 sec-Butylbenzene
 Concen: 51.031 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

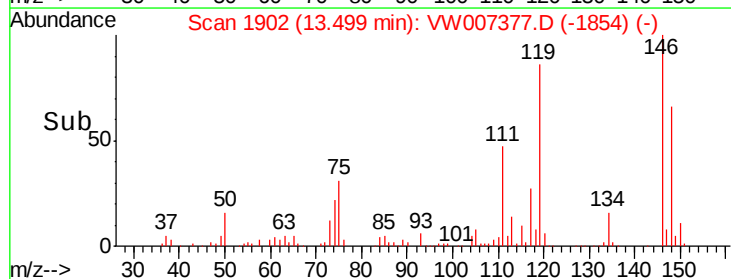
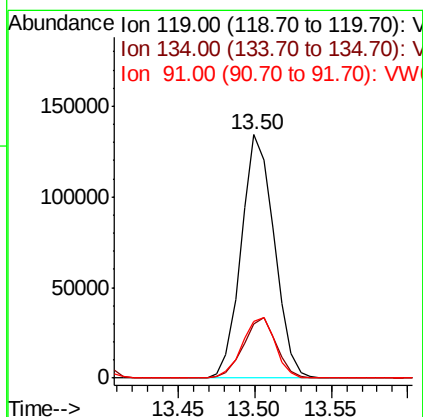
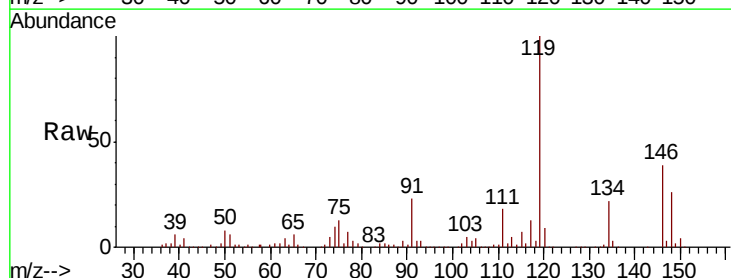
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

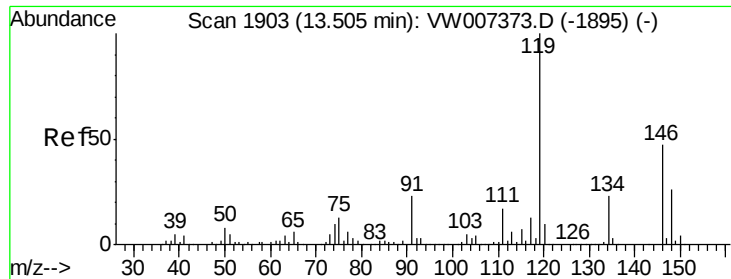
Tgt Ion:105 Resp: 226309
 Ion Ratio Lower Upper
 105 100
 134 18.8 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 50.392 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion:119 Resp: 200766
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.9 38.7
 91 25.0 11.9 35.9

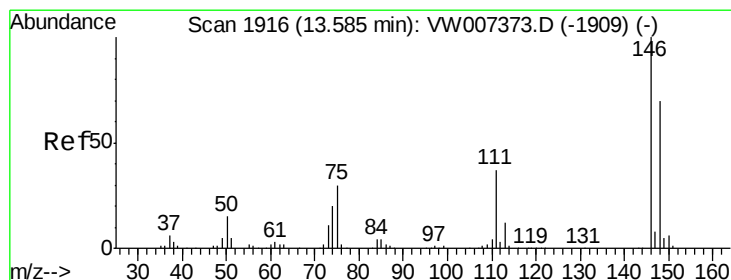
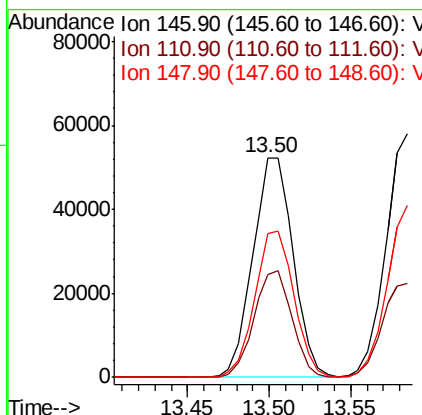
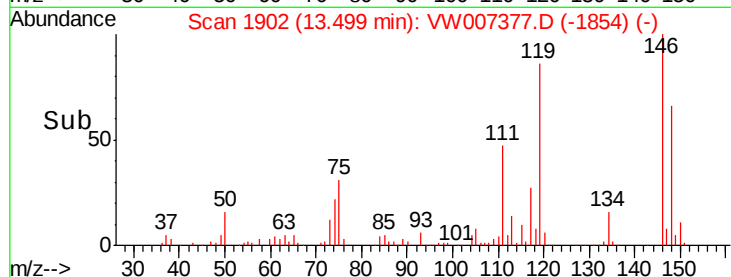
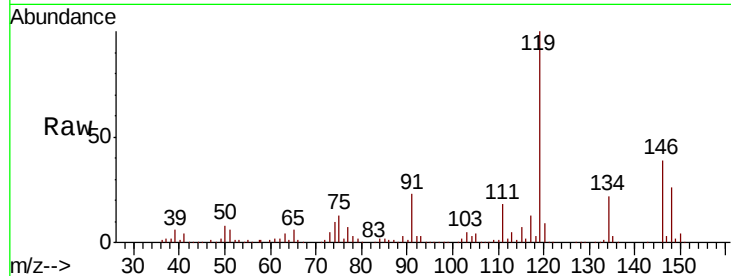




#87
 1,3-Dichlorobenzene
 Concen: 46.283 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

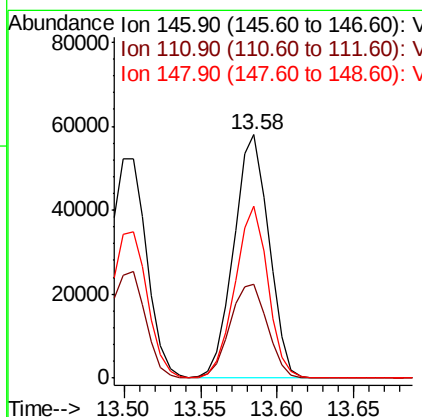
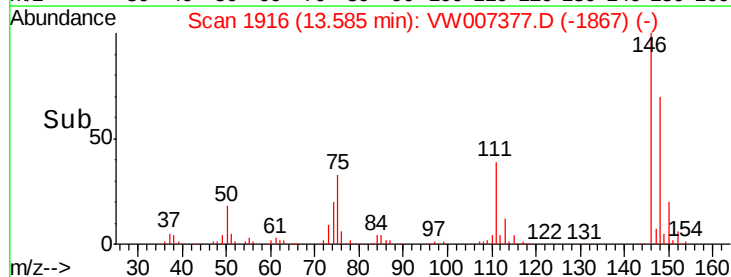
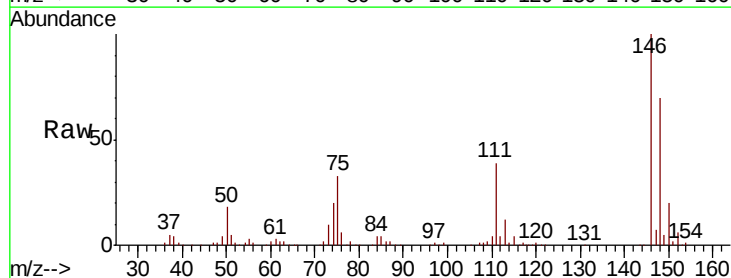
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW121118

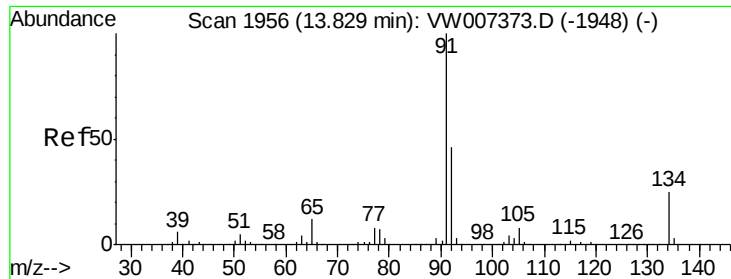
Tgt Ion:146 Resp: 89750
 Ion Ratio Lower Upper
 146 100
 111 45.6 20.1 60.3
 148 64.5 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 47.447 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion:146 Resp: 92499
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 61.0
 148 66.2 33.5 100.5





#89

n-Butylbenzene

Concen: 47.894 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

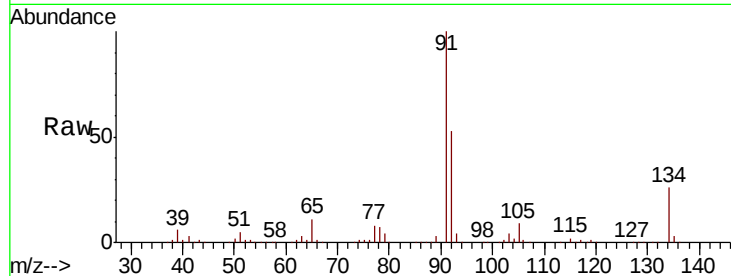
Tgt Ion: 91 Resp: 176892

Ion Ratio Lower Upper

91 100

92 53.3 25.7 77.1

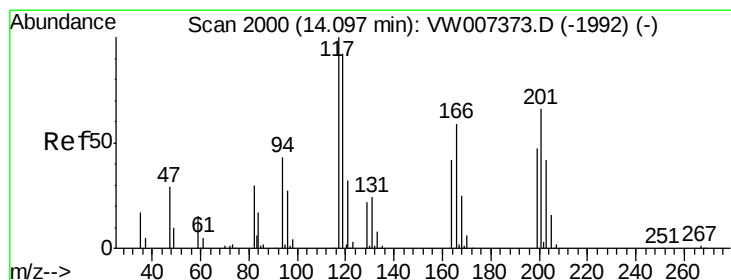
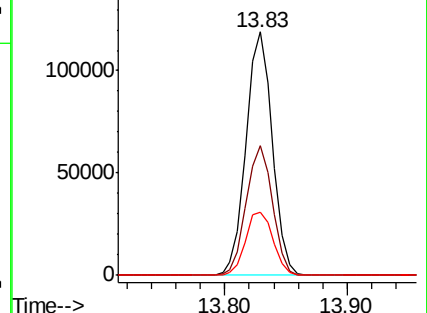
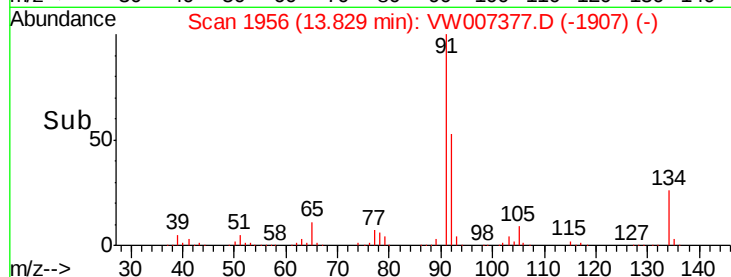
134 27.4 13.4 40.2



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: 47.495 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007377.D

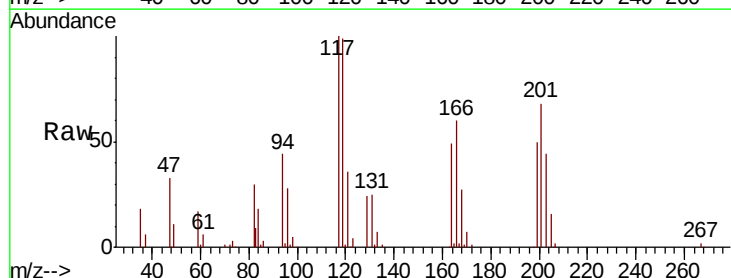
Acq: 11 Dec 2018 02:15

Tgt Ion: 117 Resp: 33668

Ion Ratio Lower Upper

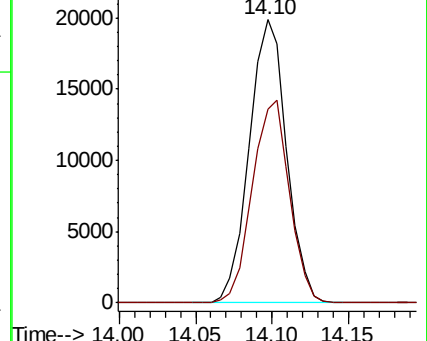
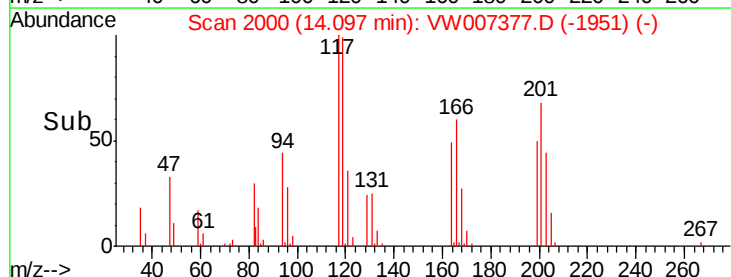
117 100

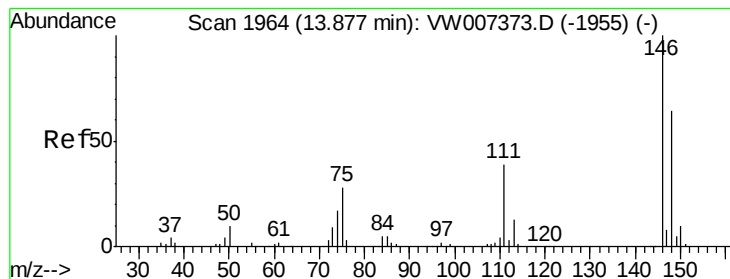
201 71.5 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.329 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

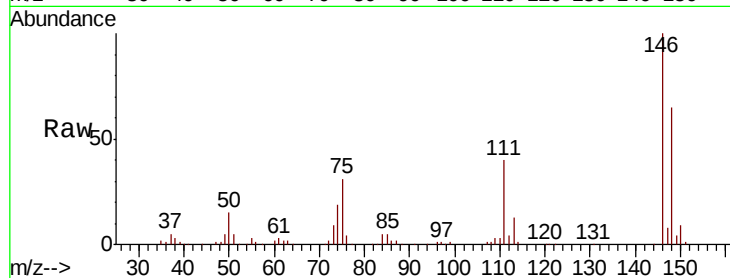
Tgt Ion:146 Resp: 83940

Ion Ratio Lower Upper

146 100

111 41.1 22.4 67.2

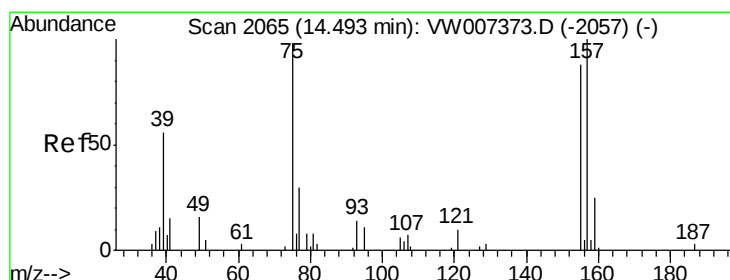
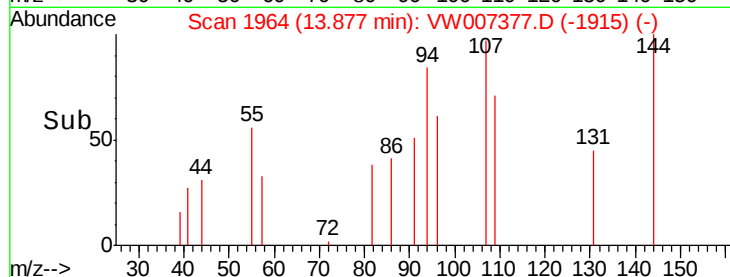
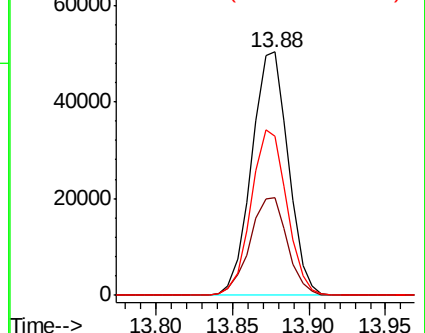
148 66.1 32.4 97.2



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: 46.374 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

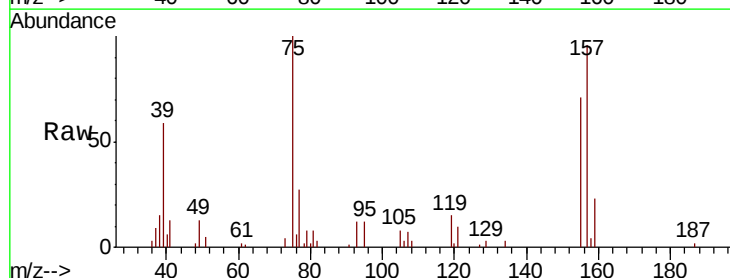
Tgt Ion: 75 Resp: 6048

Ion Ratio Lower Upper

75 100

155 81.0 40.8 122.2

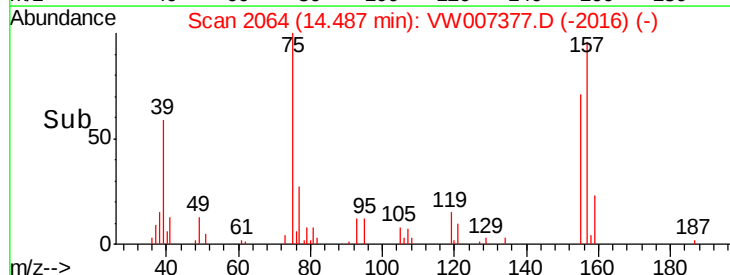
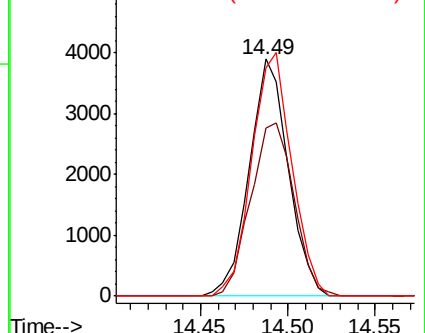
157 105.0 51.1 153.4

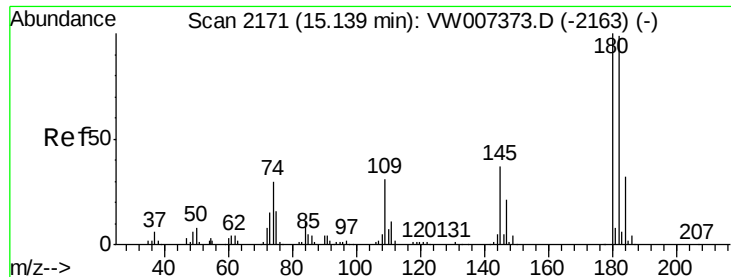


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

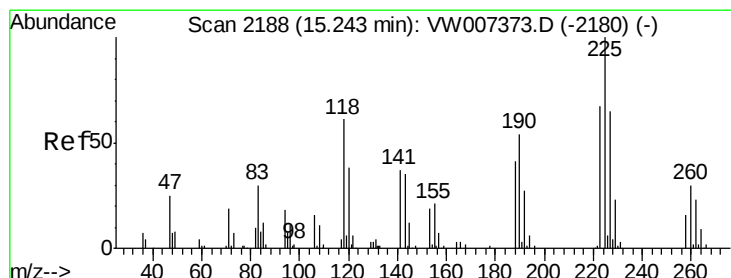
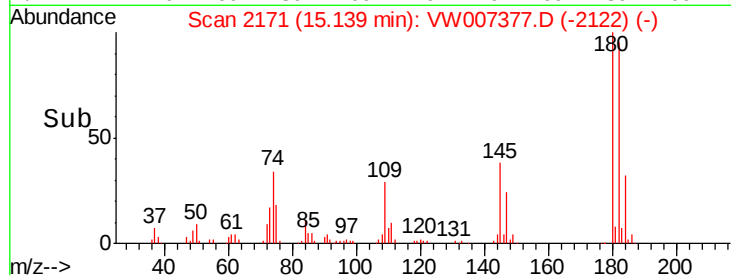
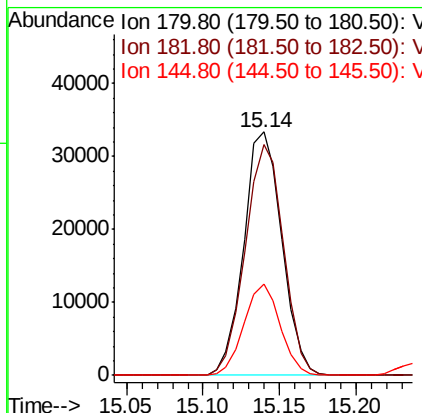
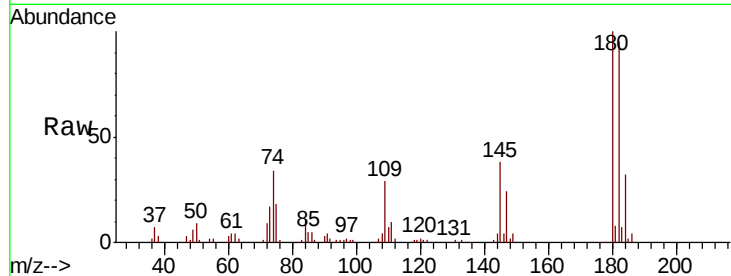




#93
 1,2,4-Trichlorobenzene
 Concen: 48.432 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

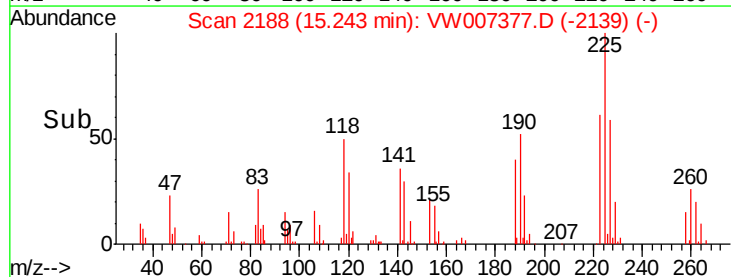
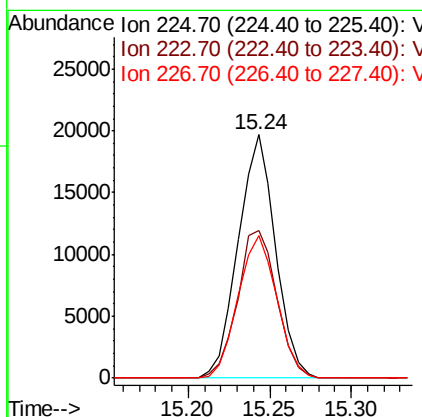
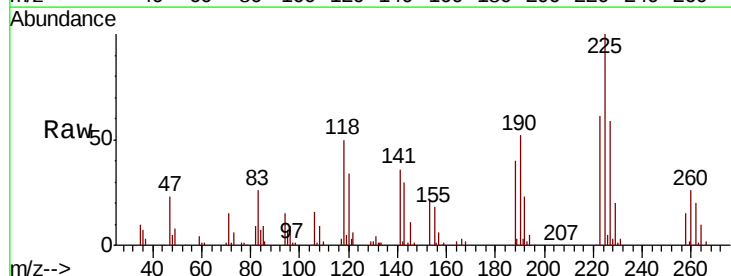
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

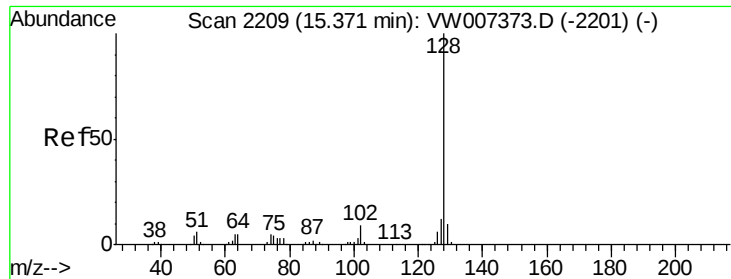
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	49.9	149.6
145	35.4	17.8	53.4



#94
 Hexachlorobutadiene
 Concen: 49.303 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.1	96.3
227	60.8	31.9	95.9

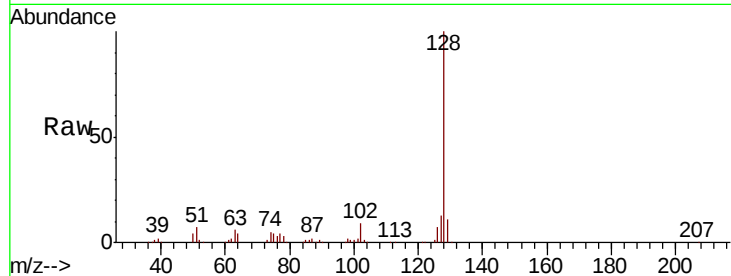




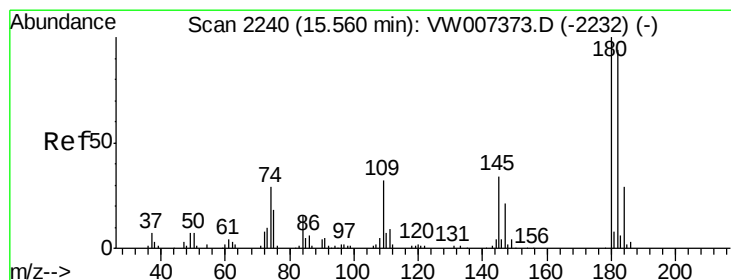
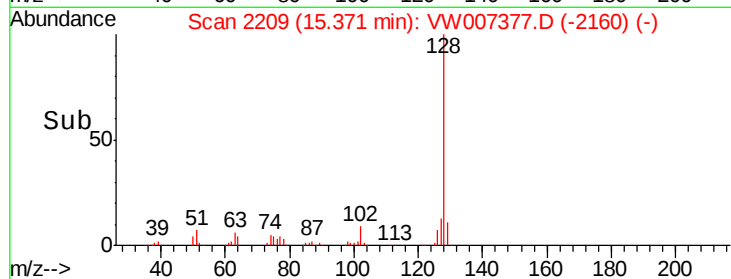
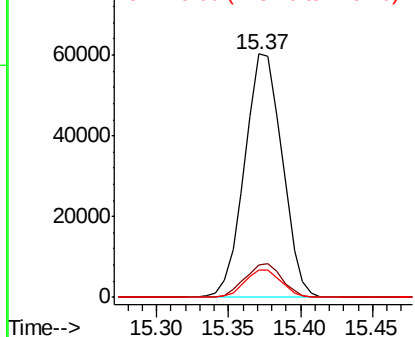
#95
Naphthalene
Concen: 47.693 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion:128 Resp: 109055
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 10.9 8.3 12.5

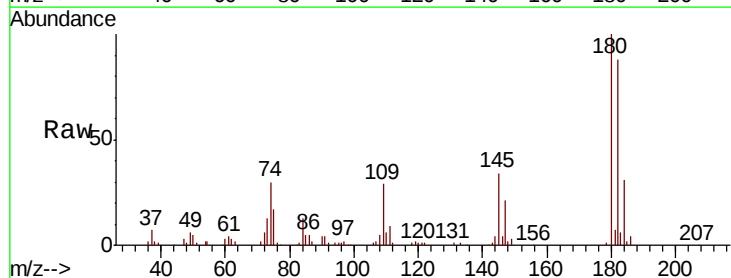


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.546 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion:180 Resp: 51444
Ion Ratio Lower Upper
180 100
182 92.0 45.6 136.7
145 35.3 17.5 52.5



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

