

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006549.D
 Acq On : 01 Nov 2018 02:56
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

Quant Time: Nov 01 03:59:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	425976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	222002	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127444	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	132786	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.32	98	510791	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	186259	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	72430	47.266	ug/l	95
3) Chloromethane	2.22	50	92860	48.976	ug/l	98
4) Vinyl Chloride	2.37	62	128089	48.383	ug/l	97
5) Bromomethane	2.79	94	104641	47.098	ug/l	100
6) Chloroethane	2.93	64	86534	46.781	ug/l	97
7) Trichlorofluoromethane	3.26	101	115914	49.582	ug/l	94
8) Diethyl Ether	3.68	74	62078	48.576	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123698	49.550	ug/l	100
10) Methyl Iodide	4.27	142	214765	47.446	ug/l	100
11) Tert butyl alcohol	5.22	59	37105	271.025	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	118084	48.974	ug/l	100
13) Acrolein	3.90	56	44167	256.501	ug/l	99
14) Allyl chloride	4.67	41	155031	49.258	ug/l	99
15) Acrylonitrile	5.38	53	121339	264.805	ug/l	98
16) Acetone	4.14	43	103398	252.043	ug/l	98
17) Carbon Disulfide	4.38	76	347571	50.656	ug/l	99
18) Methyl Acetate	4.68	43	61000	51.710	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	179789	50.094	ug/l	99
20) Methylene Chloride	4.91	84	127146	47.529	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	134962	49.467	ug/l	97
22) Diisopropyl ether	6.31	45	320346	48.822	ug/l	97
23) Vinyl Acetate	6.26	43	956183	262.786	ug/l	100
24) 1,1-Dichloroethane	6.21	63	214872	48.319	ug/l	99
25) 2-Butanone	7.18	43	155711	265.993	ug/l	100
26) 2,2-Dichloropropane	7.17	77	129619	48.388	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	149714	49.048	ug/l	99
28) Bromochloromethane	7.51	49	87277	49.427	ug/l	99
29) Tetrahydrofuran	7.54	42	99368	269.875	ug/l	98
30) Chloroform	7.68	83	236728	48.554	ug/l	96
31) Cyclohexane	7.96	56	190336	47.027	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	203854	49.412	ug/l	99
36) 1,1-Dichloropropene	8.08	75	184292	49.196	ug/l	99
37) Ethyl Acetate	7.26	43	70632	54.409	ug/l	99
38) Carbon Tetrachloride	8.07	117	197063	50.344	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	242152	50.938	ug/l	99
40) Benzene	8.32	78	521535	49.016	ug/l	99
41) Methacrylonitrile	7.49	41	44978	56.503	ug/l	95
42) 1,2-Dichloroethane	8.40	62	150674	49.378	ug/l	99
43) Isopropyl Acetate	8.43	43	141038	54.445	ug/l	98
44) Trichloroethene	9.09	130	162116	49.375	ug/l	99
45) 1,2-Dichloropropane	9.37	63	120923	48.835	ug/l	99
46) Dibromomethane	9.46	93	72925	50.100	ug/l	100
47) Bromodichloromethane	9.65	83	170486	50.443	ug/l	100
48) Methyl methacrylate	9.44	41	68892	55.199	ug/l	99
49) 1,4-Dioxane	9.48	88	22227	1043.411	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	366661	275.597	ug/l	100
52) Toluene	10.39	92	349767	49.011	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	169886	52.229	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	193058	50.227	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	103929	50.322	ug/l	98
56) Ethyl methacrylate	10.65	69	127640	54.375	ug/l	97
57) 1,3-Dichloropropane	10.93	76	169371	50.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	299186	262.196	ug/l	100
59) 2-Hexanone	10.97	43	251646	278.489	ug/l	99
60) Dibromochloromethane	11.13	129	128862	52.662	ug/l	98
61) 1,2-Dibromoethane	11.24	107	104715	51.057	ug/l	99
64) Tetrachloroethene	10.87	164	155552	49.629	ug/l	99
65) Chlorobenzene	11.66	112	403392	48.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	144441	49.669	ug/l	99
67) Ethyl Benzene	11.73	91	685631	49.578	ug/l	98
68) m/p-Xylenes	11.84	106	549027	99.369	ug/l	100
69) o-Xylene	12.17	106	261692	49.751	ug/l	99
70) Styrene	12.18	104	430455	50.195	ug/l	100
71) Bromoform	12.35	173	83192	53.966	ug/l #	98
73) Isopropylbenzene	12.47	105	726749	49.694	ug/l	100
74) N-amyl acetate	12.28	43	136268	53.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	121992	52.815	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	154670	89.295	ug/l #	100
77) Bromobenzene	12.75	156	185199	48.911	ug/l	99
78) n-propylbenzene	12.81	91	836366	49.721	ug/l	100
79) 2-Chlorotoluene	12.90	91	472612	48.956	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	610836	49.717	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33129	49.557	ug/l	100
82) 4-Chlorotoluene	12.99	91	500818	49.036	ug/l	99
83) tert-Butylbenzene	13.21	119	548447	50.056	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	621618	49.326	ug/l	100
85) sec-Butylbenzene	13.39	105	769679	50.157	ug/l	100
86) p-Isopropyltoluene	13.51	119	693017	49.632	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	364774	48.917	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	360951	48.832	ug/l	100
89) n-Butylbenzene	13.83	91	618023	49.861	ug/l	100
90) Hexachloroethane	14.10	117	118246	51.526	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	326348	48.653	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20195	53.883	ug/l	99

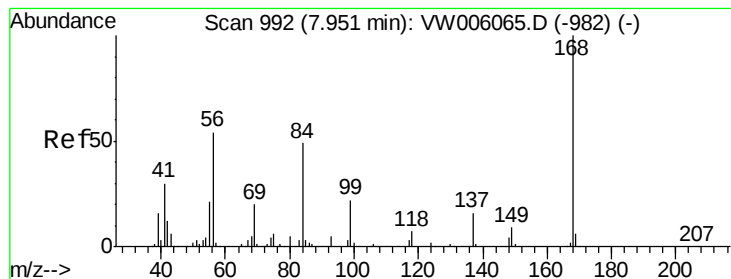
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QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	245238	49.169	ug/l	100
94) Hexachlorobutadiene	15.24	225	149922	48.229	ug/l	99
95) Naphthalene	15.38	128	440940	55.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	219961	50.179	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

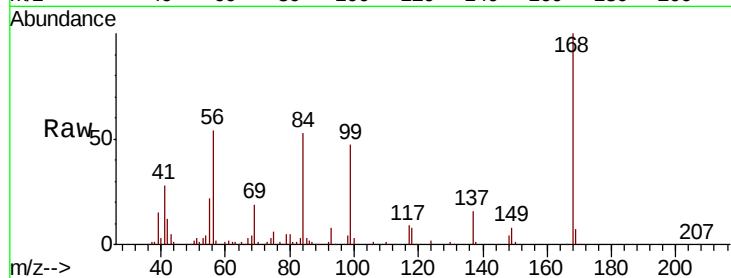
ICVWV110218

Tgt Ion:168 Resp: 295602

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

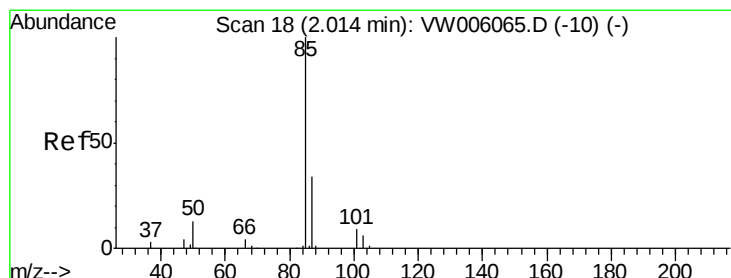
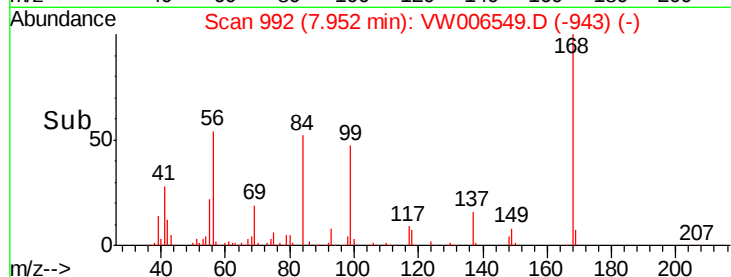
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.266 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006549.D

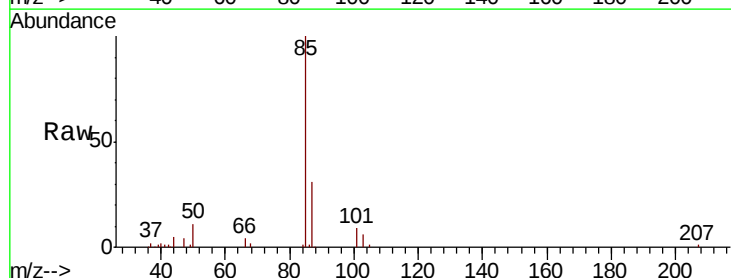
Acq: 01 Nov 2018 02:56

Tgt Ion: 85 Resp: 72430

Ion Ratio Lower Upper

85 100

87 30.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

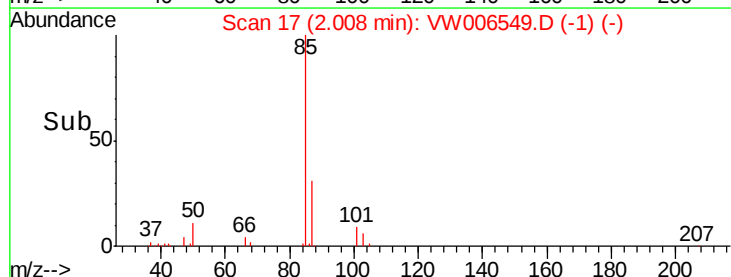
5000

0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 48.976 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

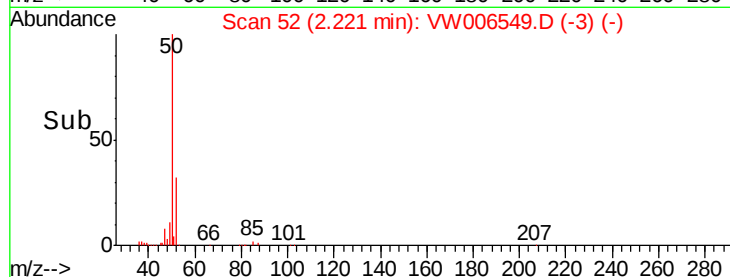
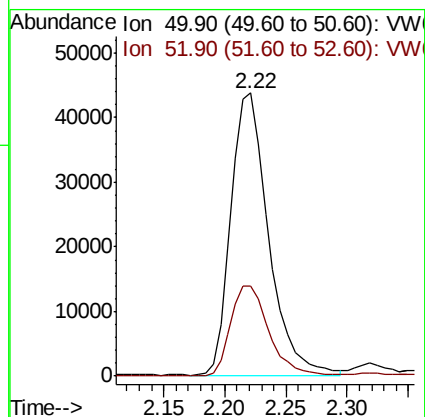
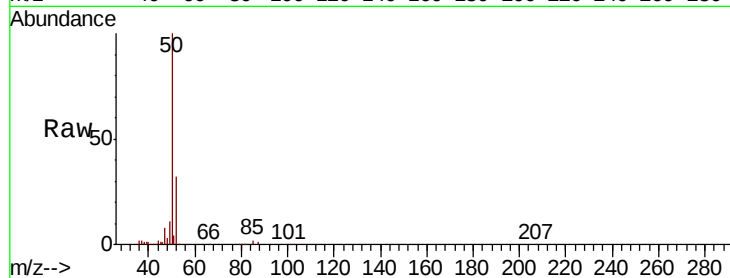
ICVWV110218

Tgt Ion: 50 Resp: 92860

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.4



#4

Vinyl Chloride

Concen: 48.383 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006549.D

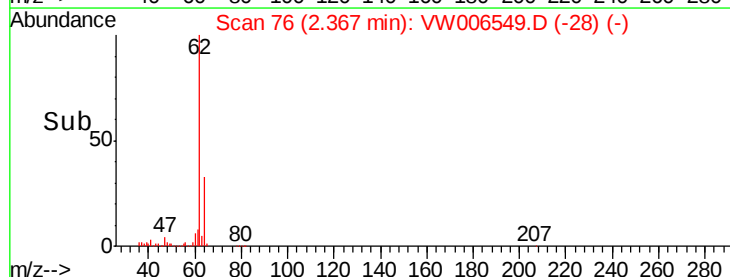
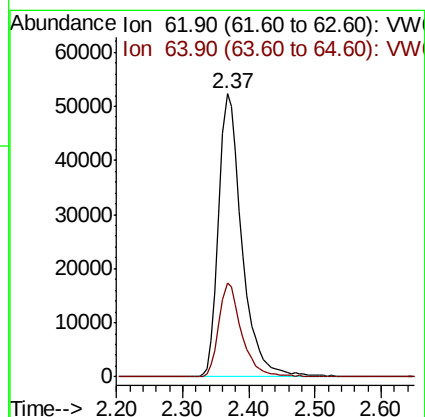
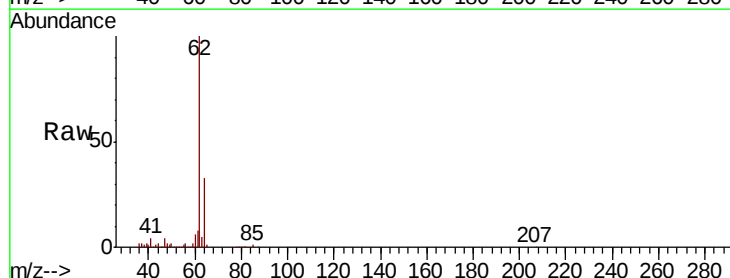
Acq: 01 Nov 2018 02:56

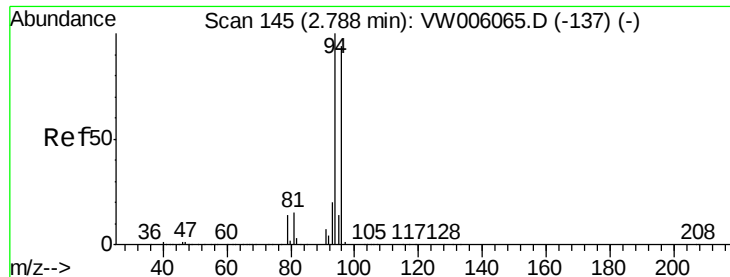
Tgt Ion: 62 Resp: 128089

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0





#5

Bromomethane

Concen: 47.098 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

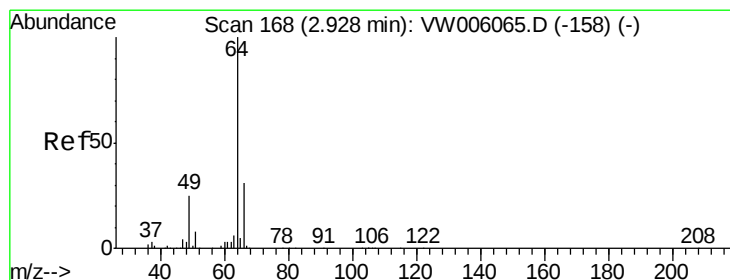
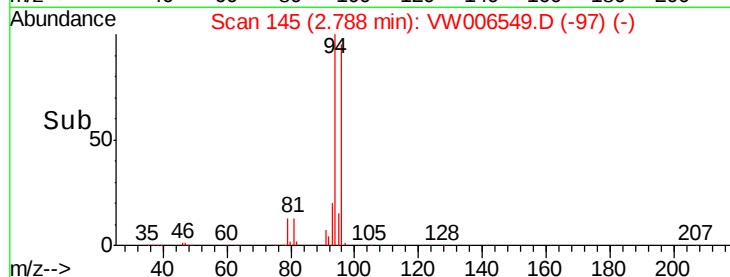
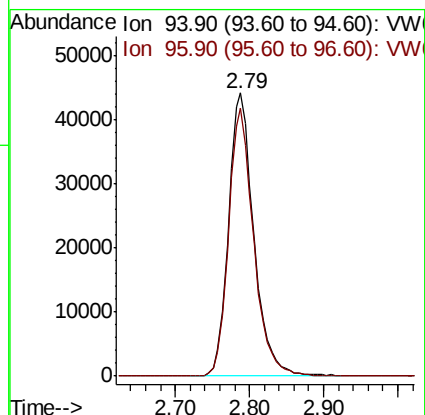
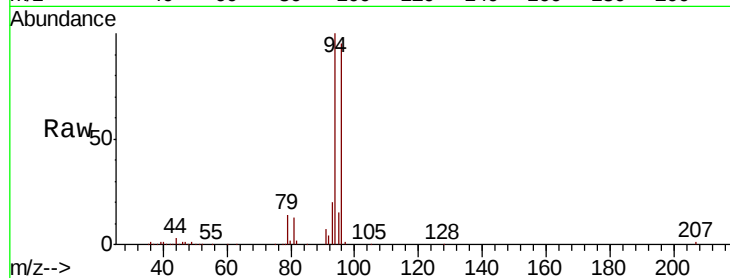
ICVWV110218

Tgt Ion: 94 Resp: 104641

Ion Ratio Lower Upper

94 100

96 94.7 75.7 113.5



#6

Chloroethane

Concen: 46.781 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006549.D

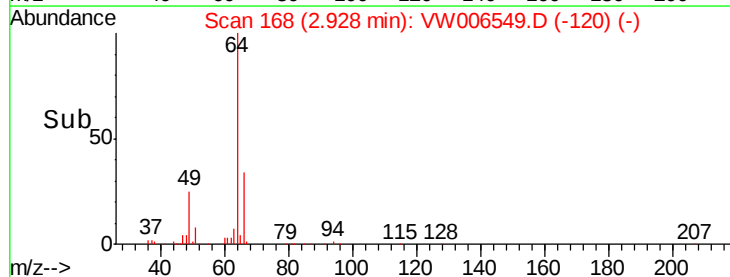
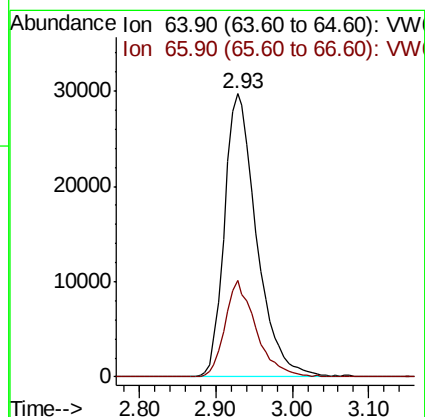
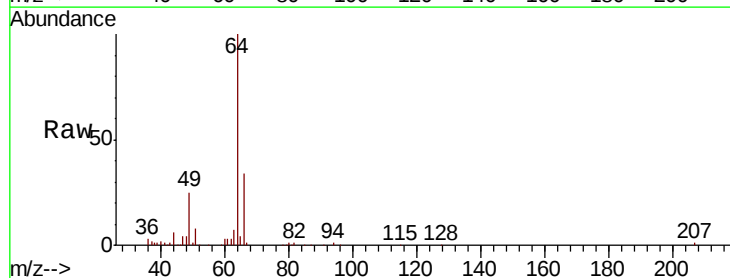
Acq: 01 Nov 2018 02:56

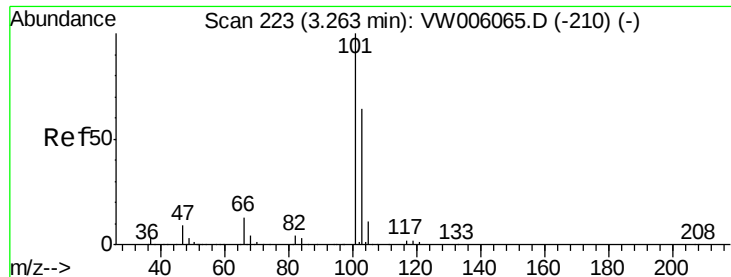
Tgt Ion: 64 Resp: 86534

Ion Ratio Lower Upper

64 100

66 34.3 25.9 38.9



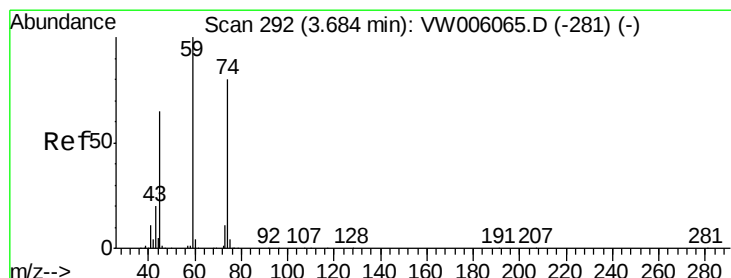
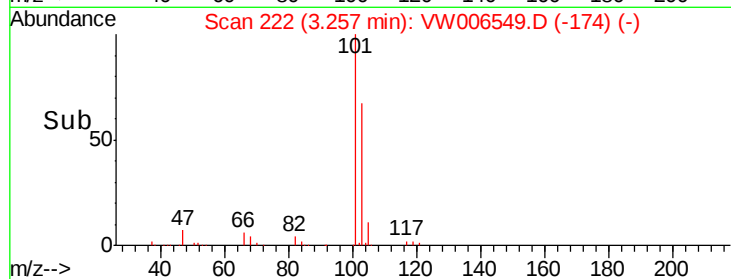
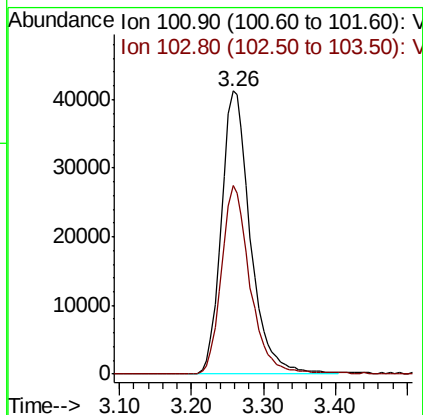
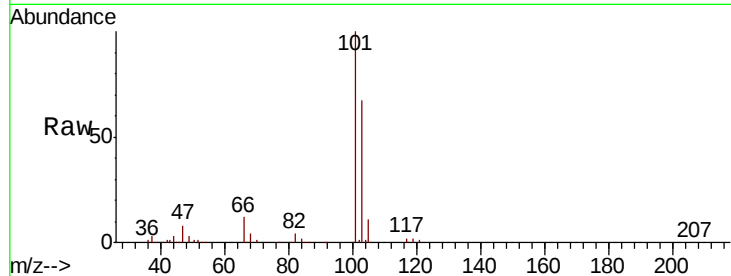


#7

Trichlorofluoromethane
 Concen: 49.582 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

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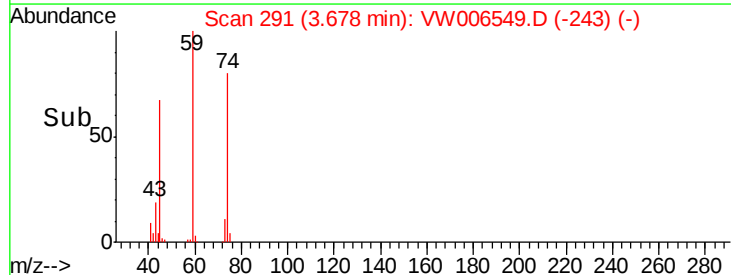
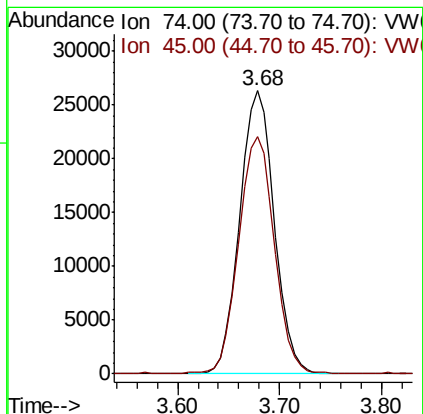
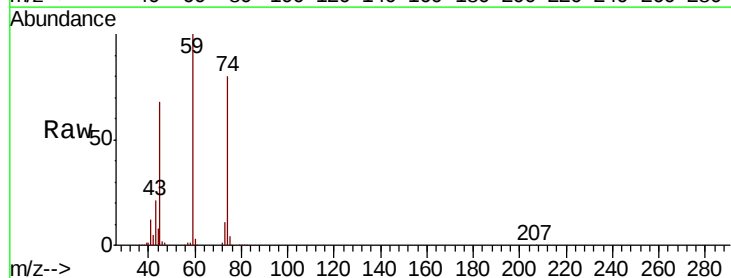
Tgt Ion:101 Resp: 115914
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.8 74.8



#8

Diethyl Ether
 Concen: 48.576 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 74 Resp: 62078
 Ion Ratio Lower Upper
 74 100
 45 86.7 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.550 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110218

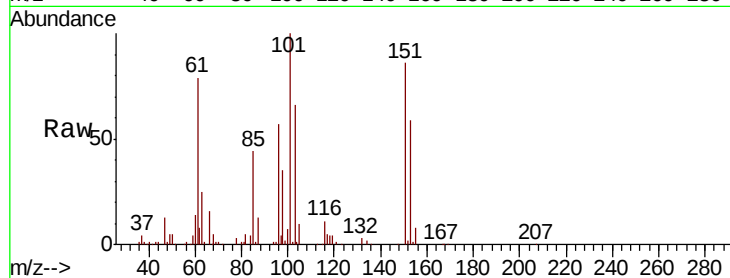
Tgt Ion:101 Resp: 123698

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

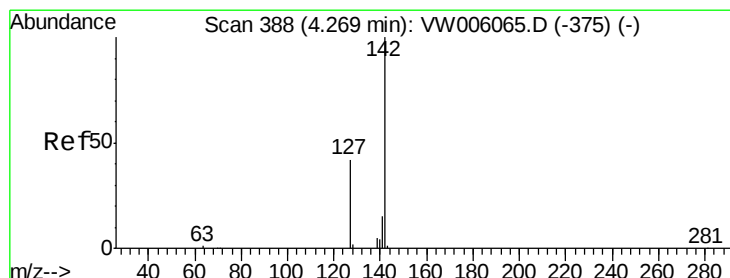
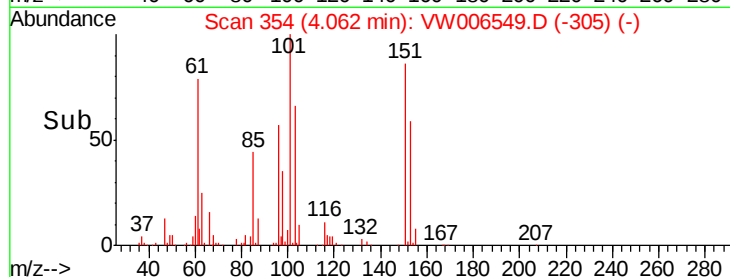
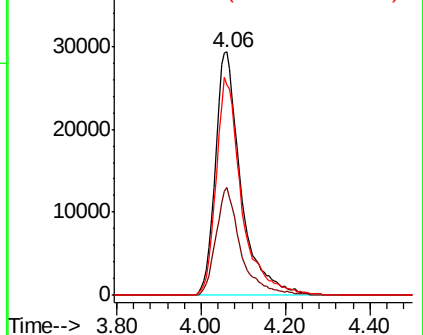
151 88.3 70.7 106.1



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: 47.446 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

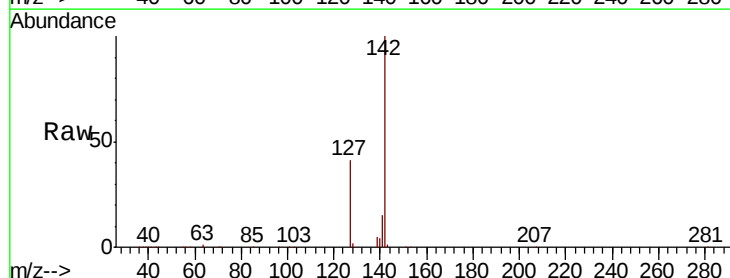
Tgt Ion:142 Resp: 214765

Ion Ratio Lower Upper

142 100

127 40.6 32.3 48.5

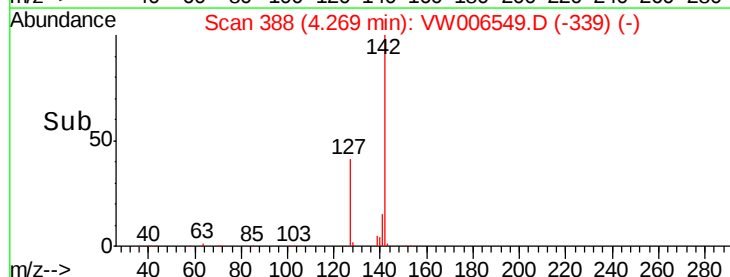
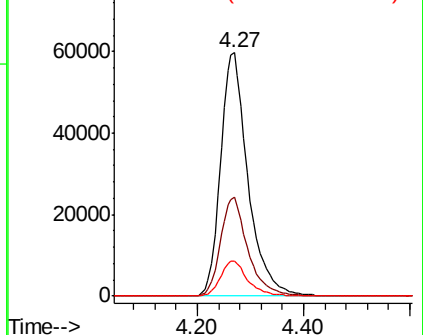
141 14.3 11.3 16.9

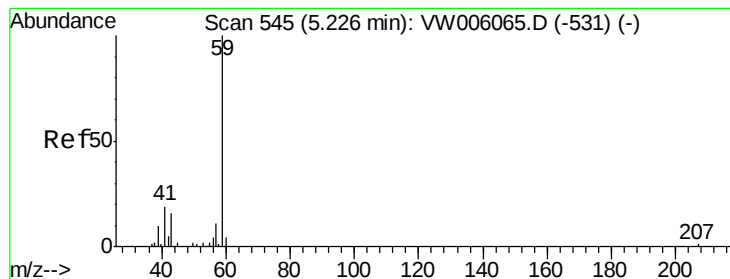


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 271.025 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.03 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

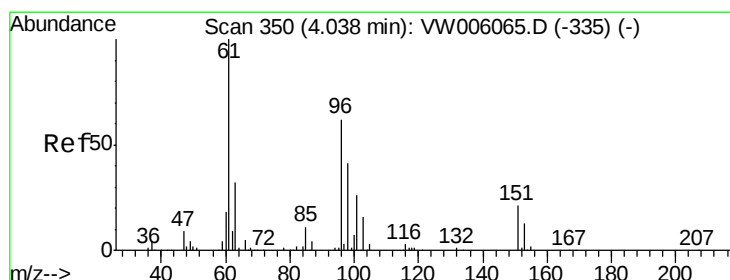
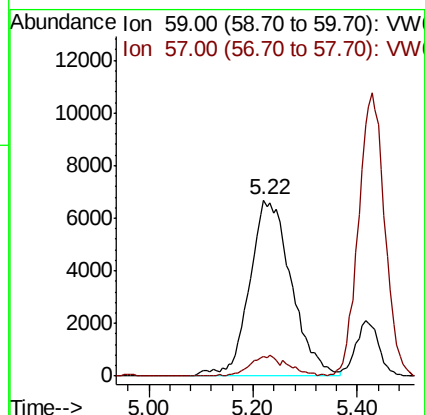
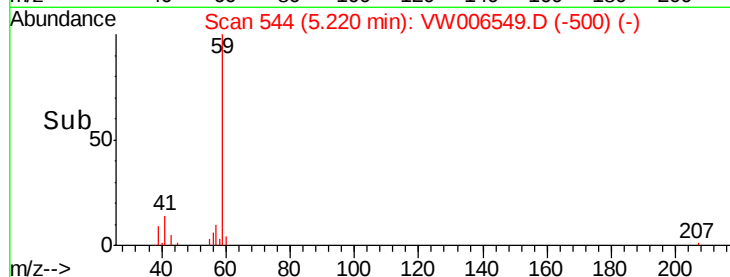
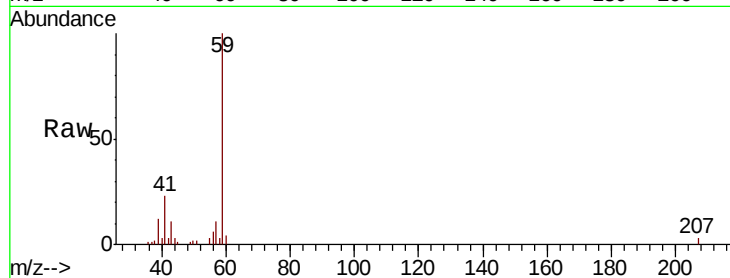
ICVWV110218

Tgt Ion: 59 Resp: 37105

Ion Ratio Lower Upper

59 100

57 7.5 4.3 6.5#



#12

1,1-Dichloroethene

Concen: 48.974 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

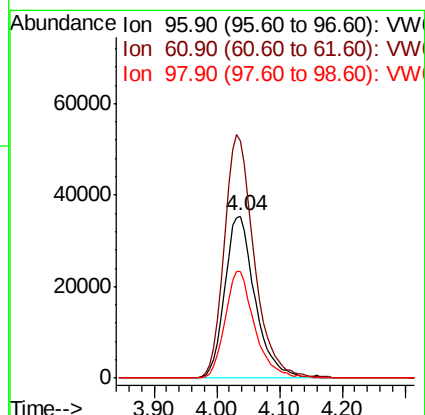
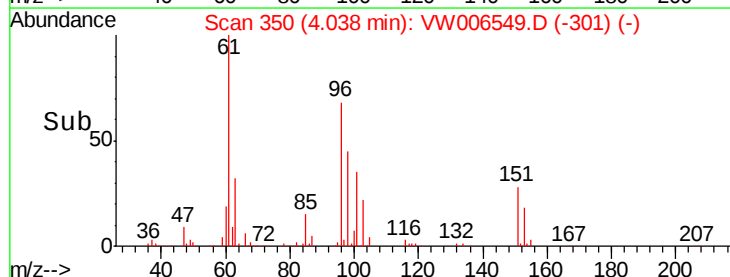
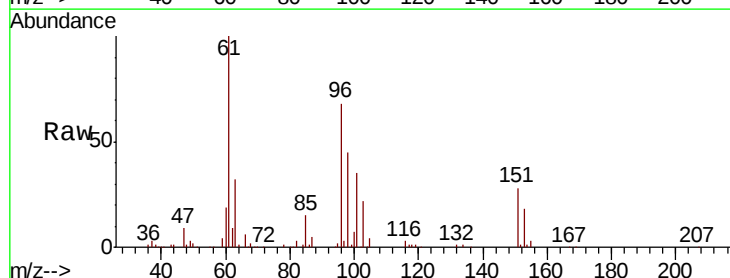
Tgt Ion: 96 Resp: 118084

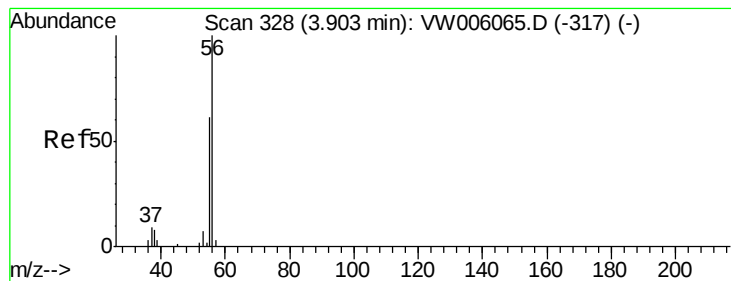
Ion Ratio Lower Upper

96 100

61 146.4 117.0 175.4

98 65.4 52.5 78.7





#13

Acrolein

Concen: 256.501 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

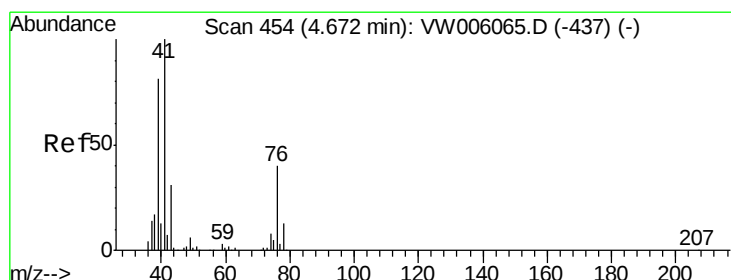
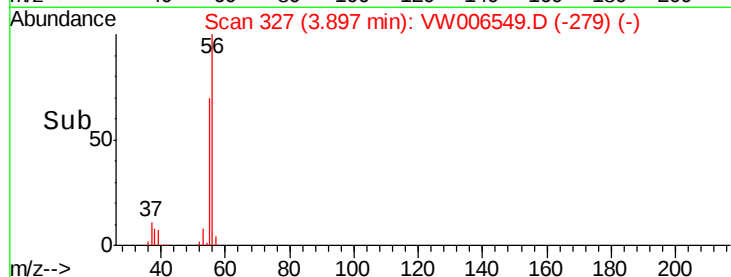
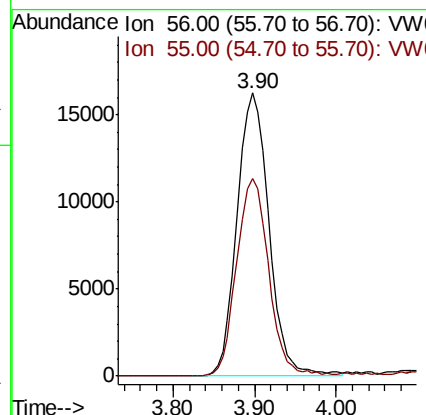
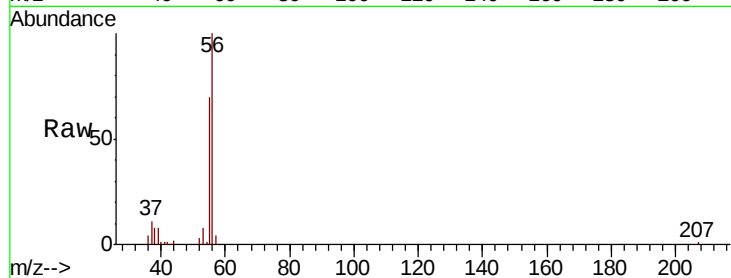
ICVWV110218

Tgt Ion: 56 Resp: 44167

Ion Ratio Lower Upper

56 100

55 70.3 56.9 85.3



#14

Allyl chloride

Concen: 49.258 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

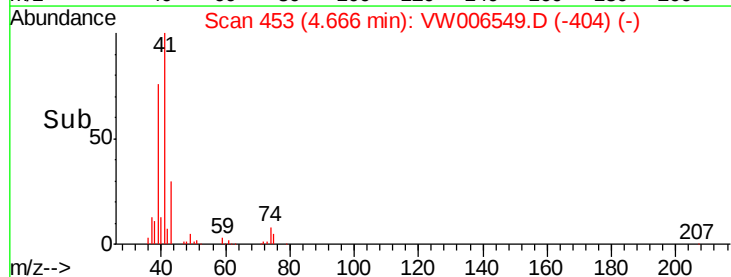
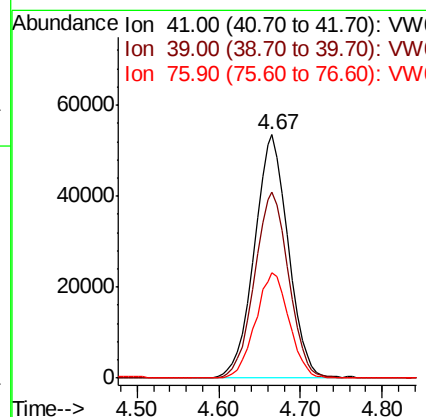
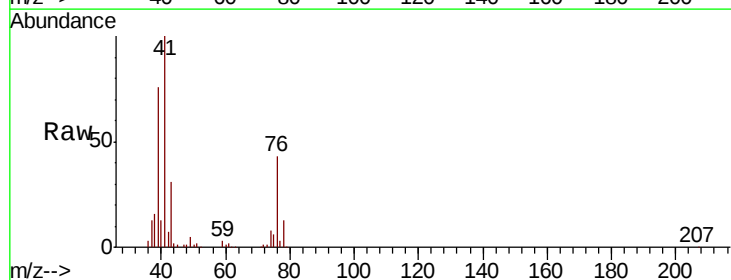
Tgt Ion: 41 Resp: 155031

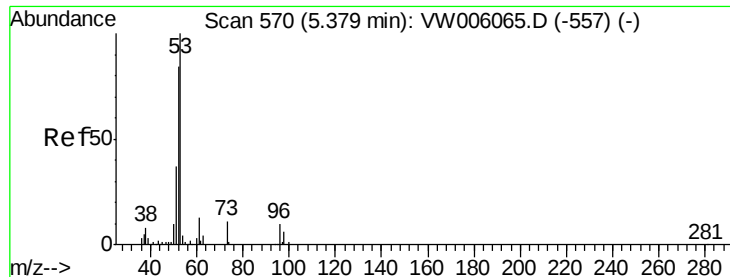
Ion Ratio Lower Upper

41 100

39 76.9 62.1 93.1

76 43.0 34.2 51.2





#15

Acrylonitrile

Concen: 264.805 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVW110218

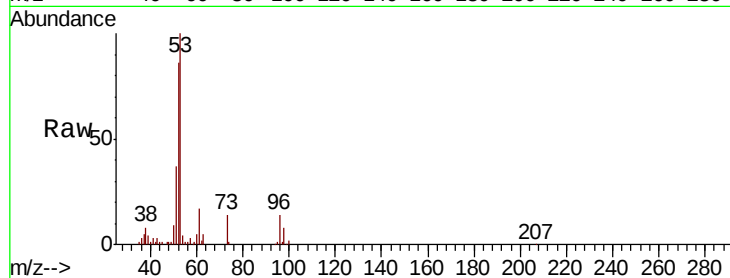
Tgt Ion: 53 Resp: 121339

Ion Ratio Lower Upper

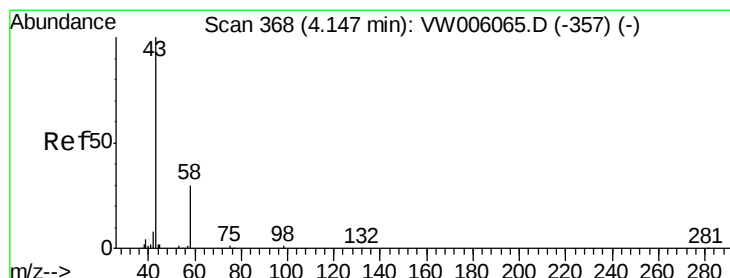
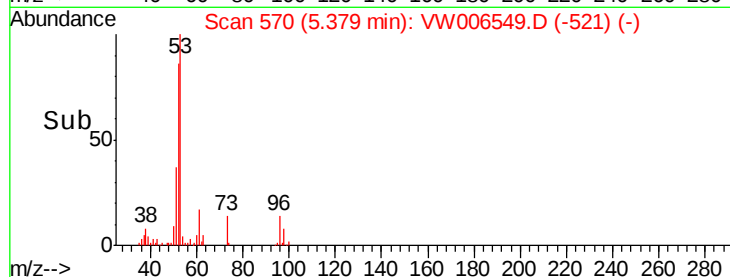
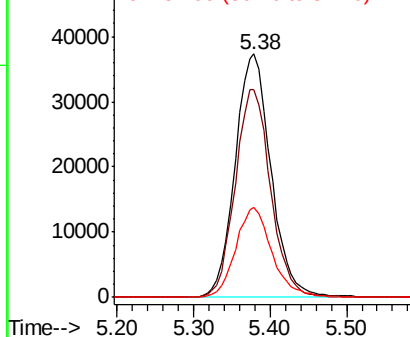
53 100

52 84.5 65.8 98.8

51 37.3 29.6 44.4



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: 252.043 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006549.D

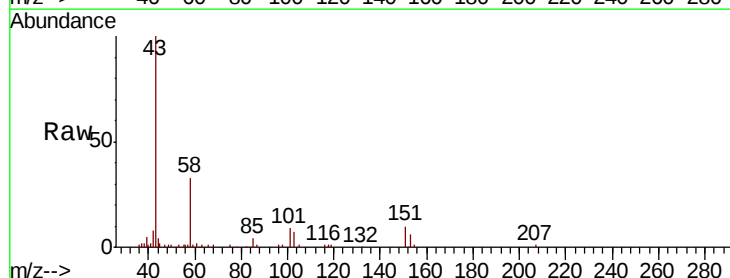
Acq: 01 Nov 2018 02:56

Tgt Ion: 43 Resp: 103398

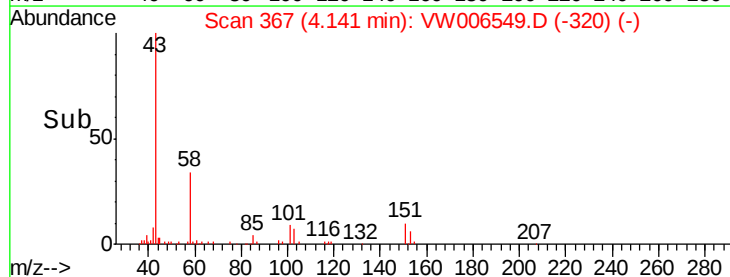
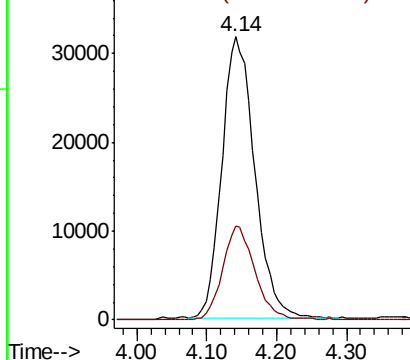
Ion Ratio Lower Upper

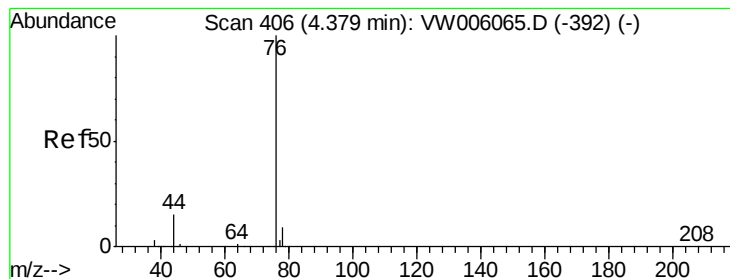
43 100

58 33.4 25.8 38.8



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





#17

Carbon Disulfide

Concen: 50.656 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

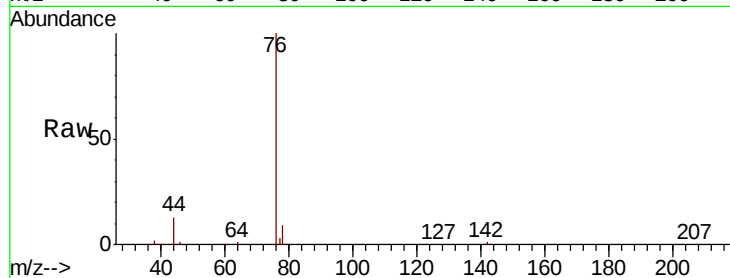
ICVWV110218

Tgt Ion: 76 Resp: 347571

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

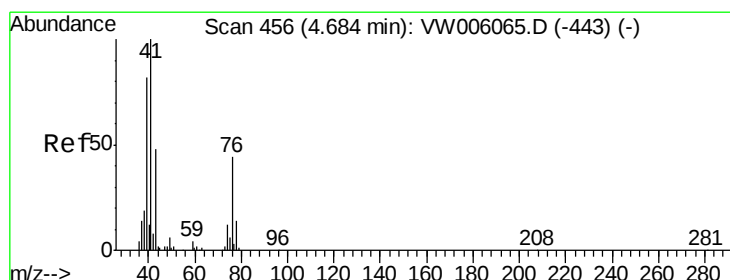
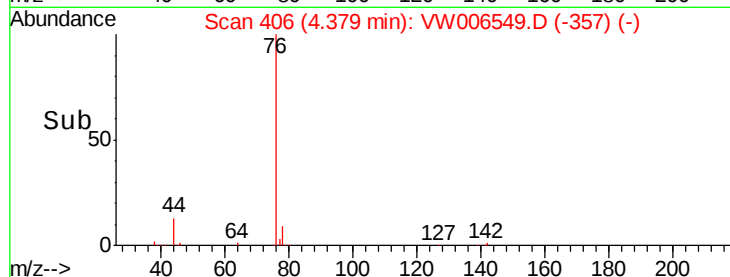
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 51.710 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006549.D

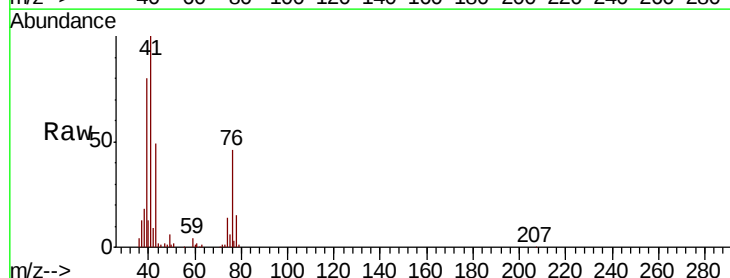
Acq: 01 Nov 2018 02:56

Tgt Ion: 43 Resp: 61000

Ion Ratio Lower Upper

43 100

74 28.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

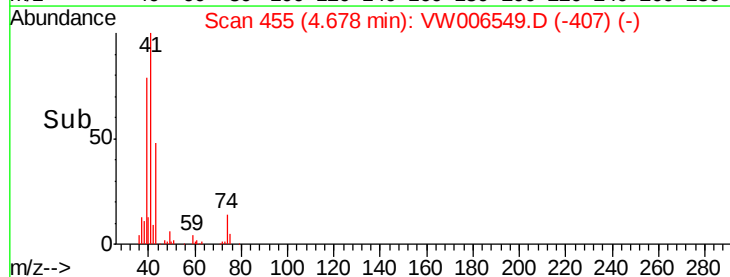
15000

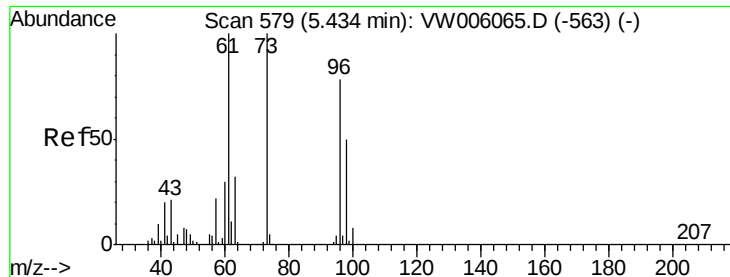
10000

5000

0

Time--> 4.60 4.70 4.80

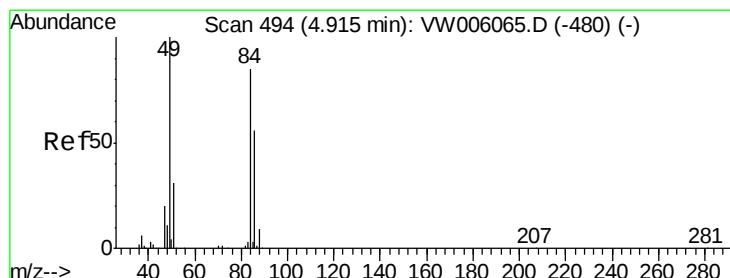
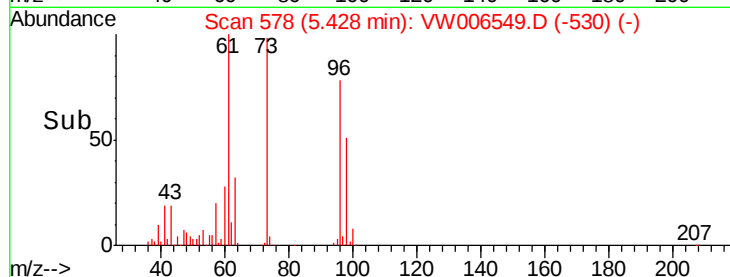
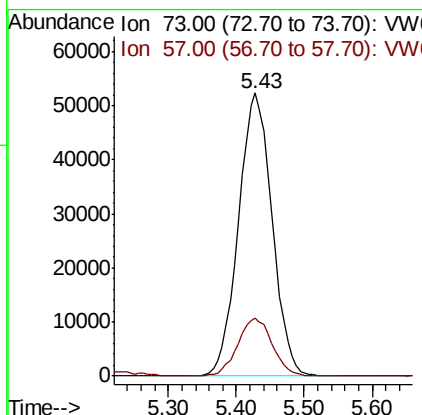
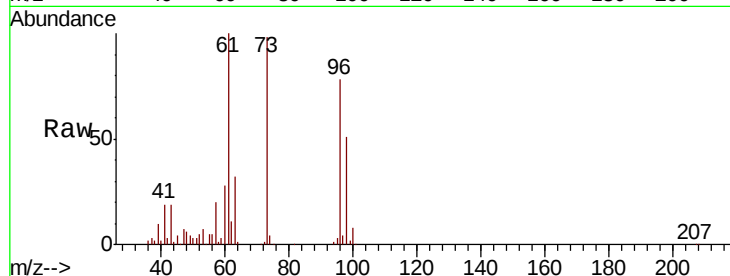




#19
Methyl tert-butyl Ether
Concen: 50.094 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

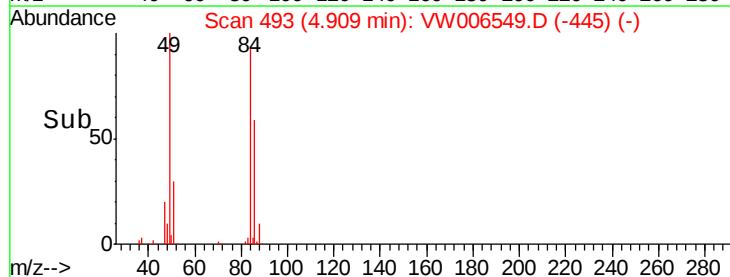
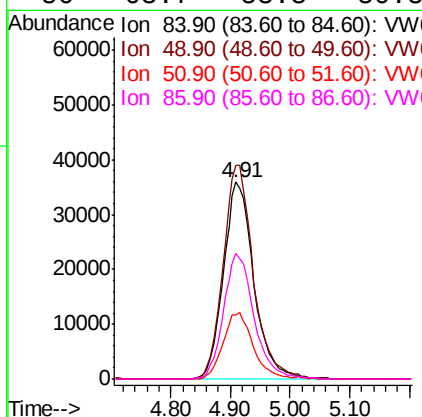
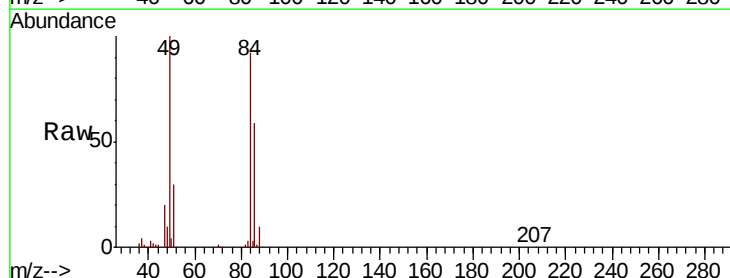
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110218

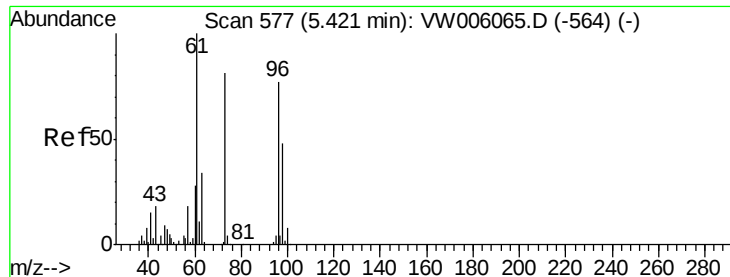
Tgt Ion: 73 Resp: 179789
Ion Ratio Lower Upper
73 100
57 20.6 16.7 25.1



#20
Methylene Chloride
Concen: 47.529 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion: 84 Resp: 127146
Ion Ratio Lower Upper
84 100
49 108.3 88.2 132.4
51 32.8 27.0 40.6
86 63.7 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 49.467 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110218

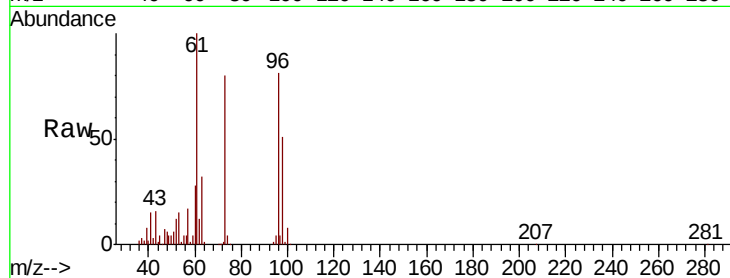
Tgt Ion: 96 Resp: 134962

Ion Ratio Lower Upper

96 100

61 122.8 100.6 150.8

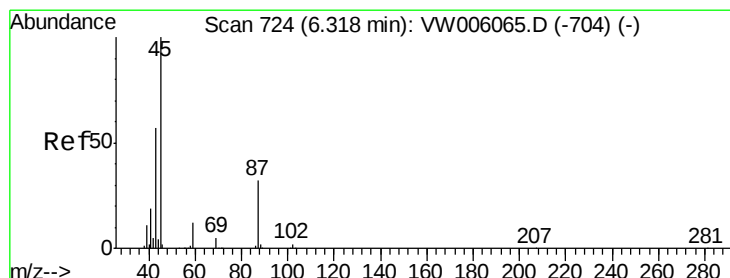
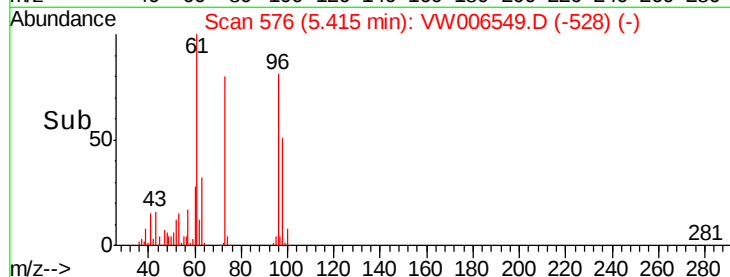
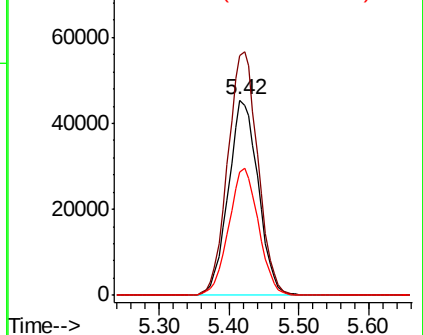
98 63.0 52.9 79.3



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 48.822 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Tgt Ion: 45 Resp: 320346

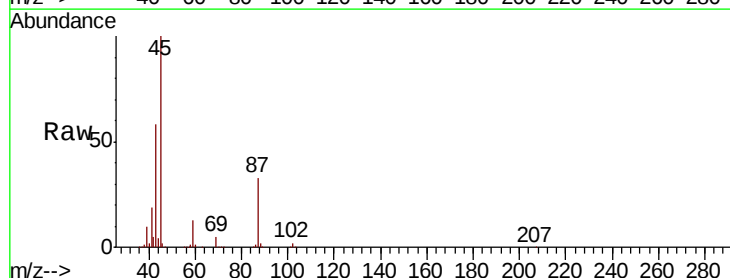
Ion Ratio Lower Upper

45 100

43 58.0 43.6 65.4

87 33.3 26.3 39.5

59 12.4 9.8 14.8

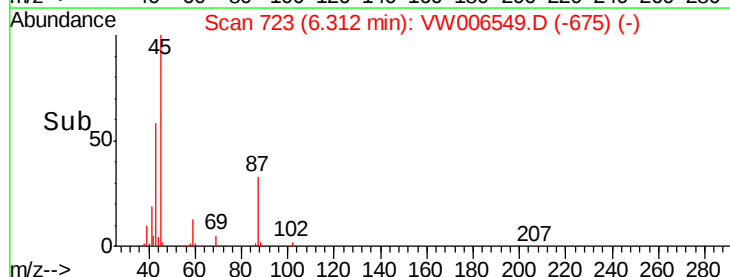
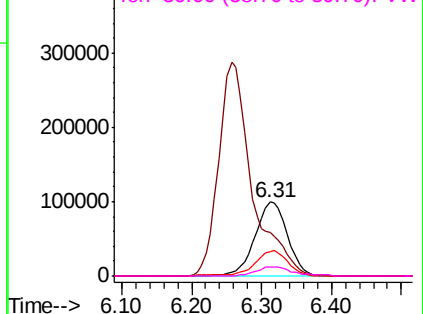


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 262.786 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

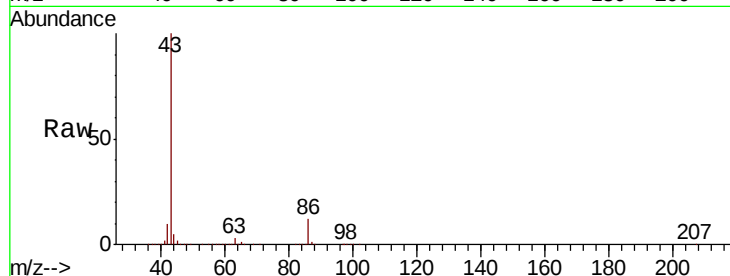
ICVW110218

Tgt Ion: 43 Resp: 956183

Ion Ratio Lower Upper

43 100

86 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

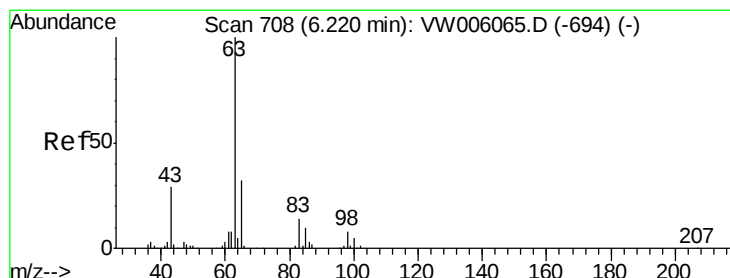
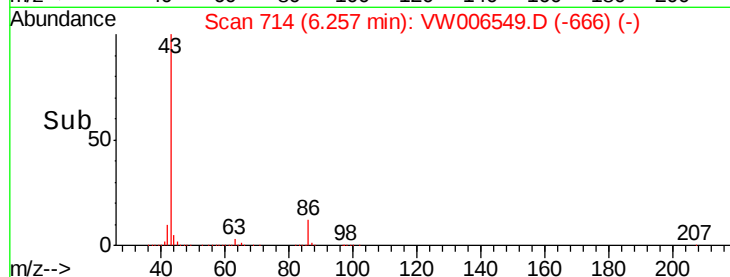
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.319 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

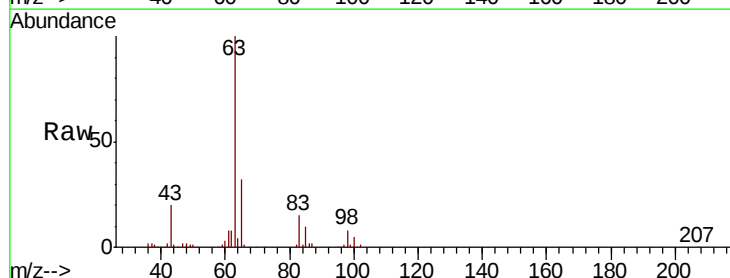
Tgt Ion: 63 Resp: 214872

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.8 2.4 7.2



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

6.21

80000

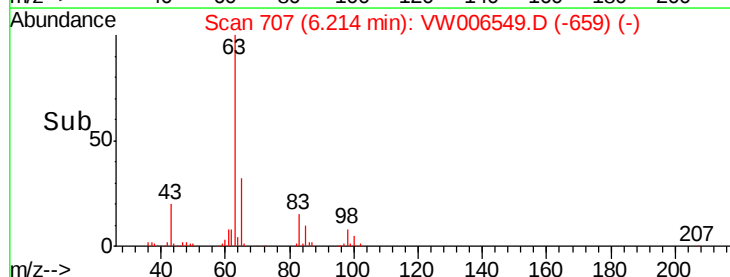
60000

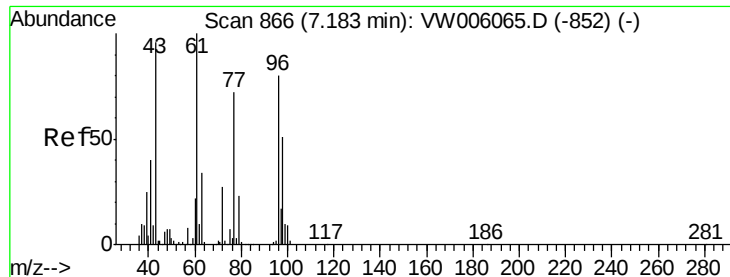
40000

20000

0

Time-->





#25

2-Butanone

Concen: 265.993 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

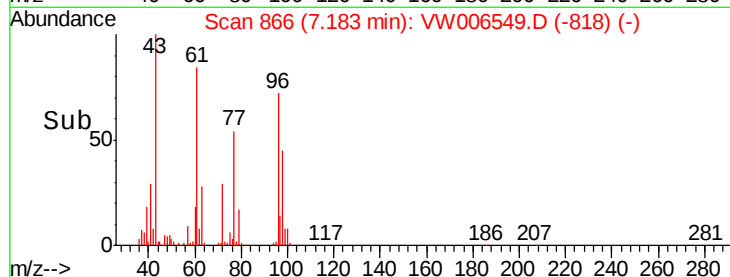
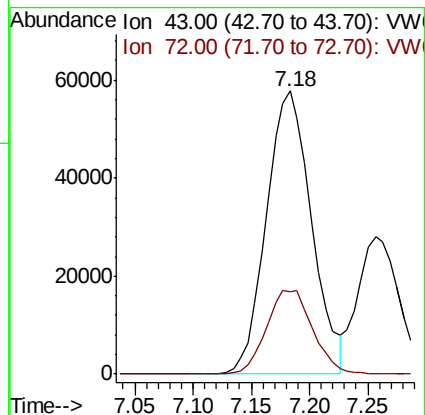
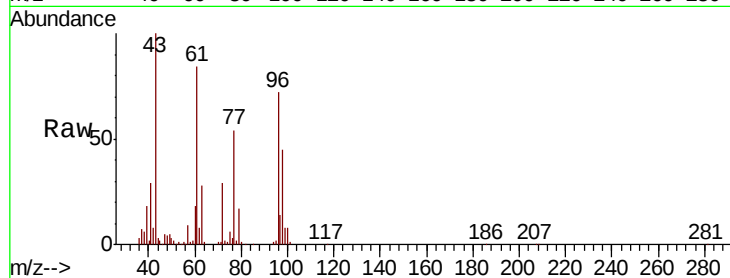
ICVW110218

Tgt Ion: 43 Resp: 155711

Ion Ratio Lower Upper

43 100

72 29.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 48.388 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006549.D

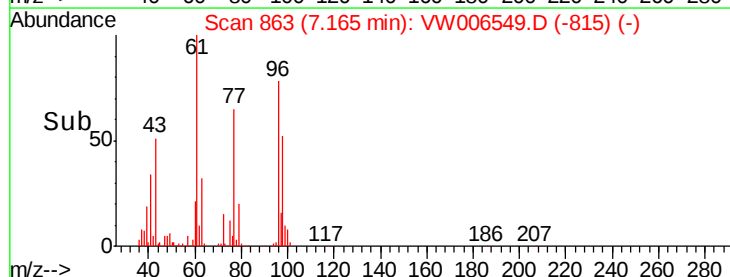
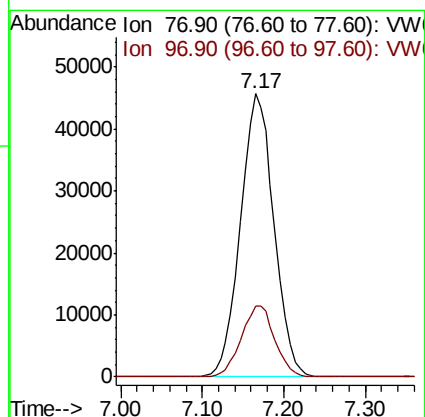
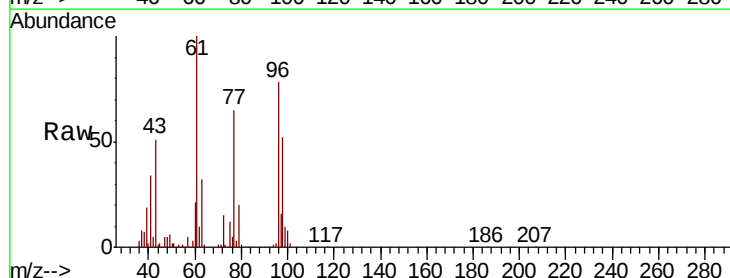
Acq: 01 Nov 2018 02:56

Tgt Ion: 77 Resp: 129619

Ion Ratio Lower Upper

77 100

97 25.1 12.8 38.4



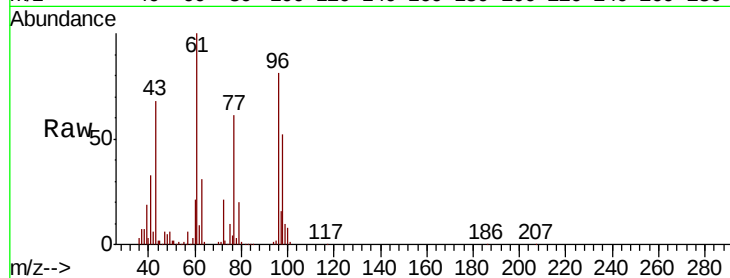


#27

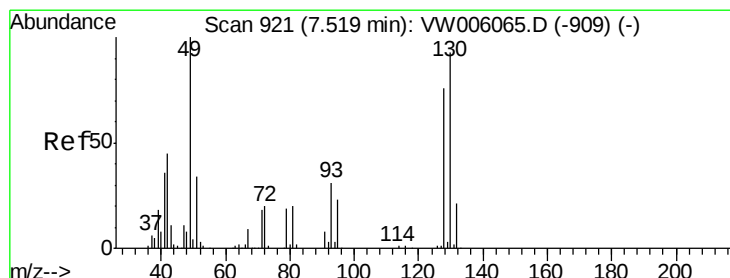
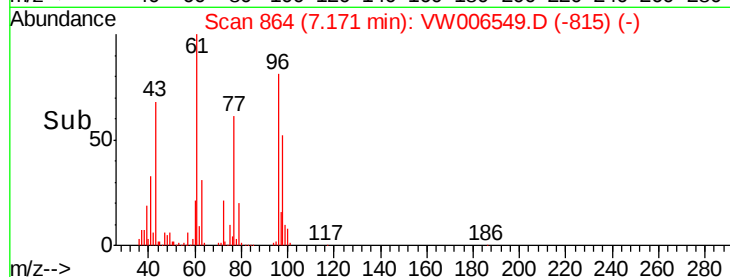
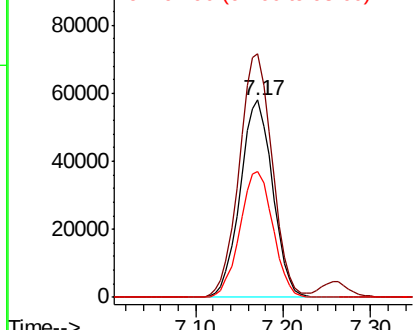
cis-1,2-Dichloroethene
 Concen: 49.048 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

Tgt Ion: 96 Resp: 149714
 Ion Ratio Lower Upper
 96 100
 61 125.6 0.0 254.2
 98 64.9 0.0 129.6



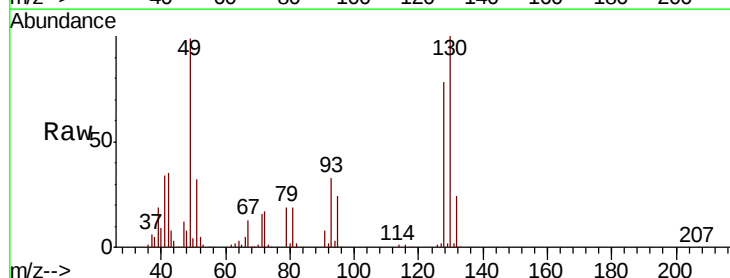
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



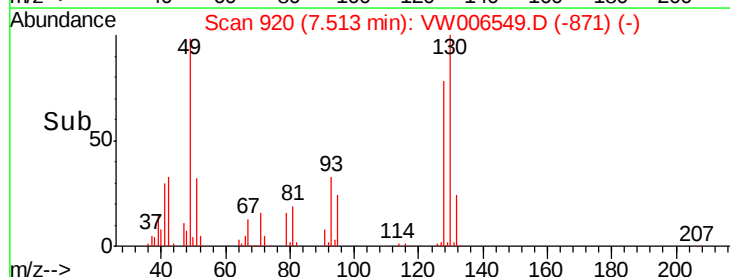
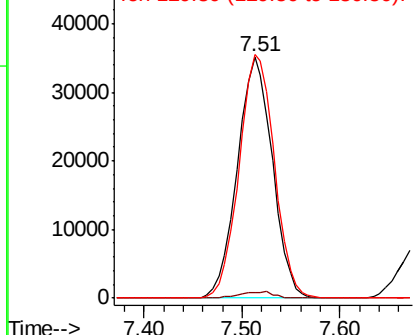
#28

Bromochloromethane
 Concen: 49.427 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 49 Resp: 87277
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 101.4 82.2 123.2



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

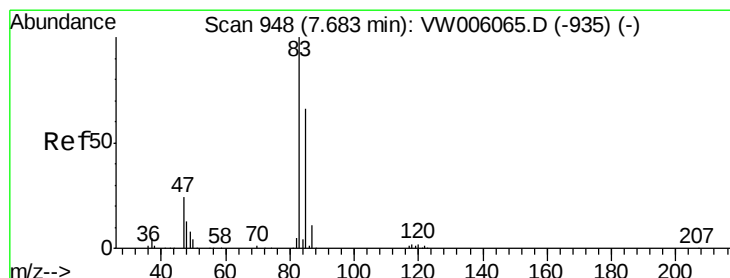
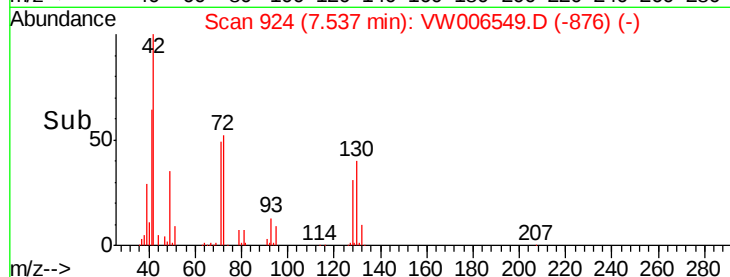
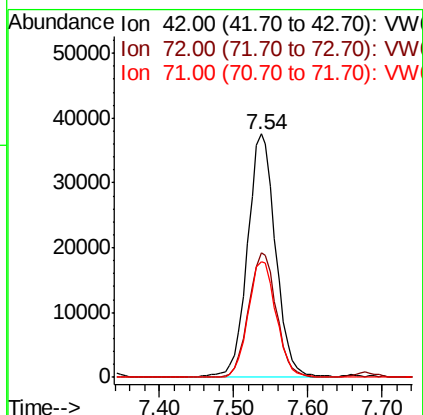
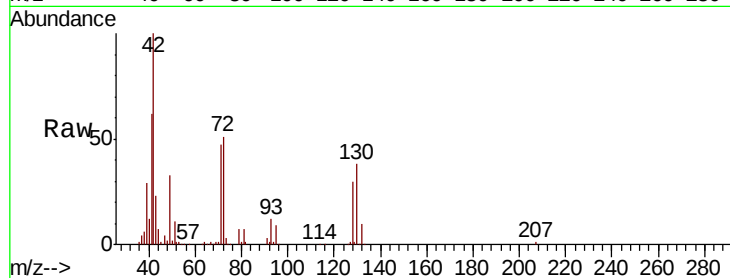




#29
Tetrahydrofuran
Concen: 269.875 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

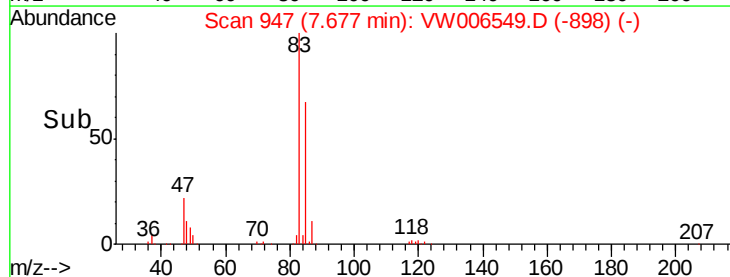
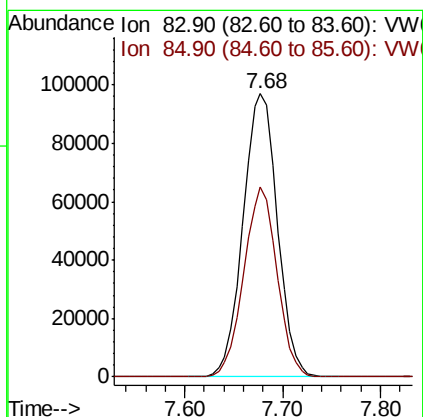
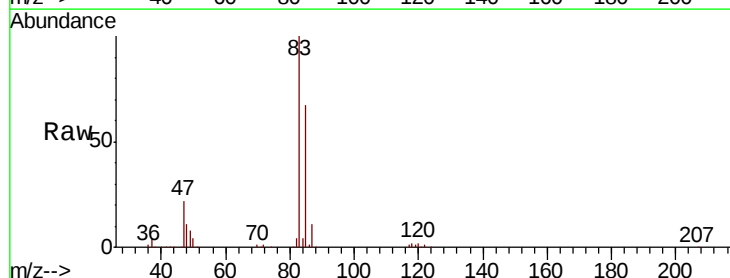
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110218

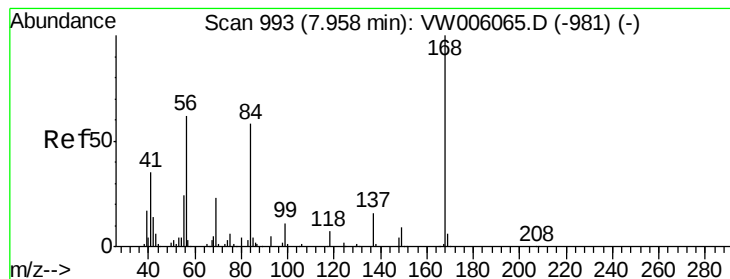
Tgt Ion: 42 Resp: 99368
Ion Ratio Lower Upper
42 100
72 50.7 39.2 58.8
71 47.6 37.6 56.4



#30
Chloroform
Concen: 48.554 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion: 83 Resp: 236728
Ion Ratio Lower Upper
83 100
85 67.2 51.3 76.9





#31

Cyclohexane

Concen: 47.027 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVW110218

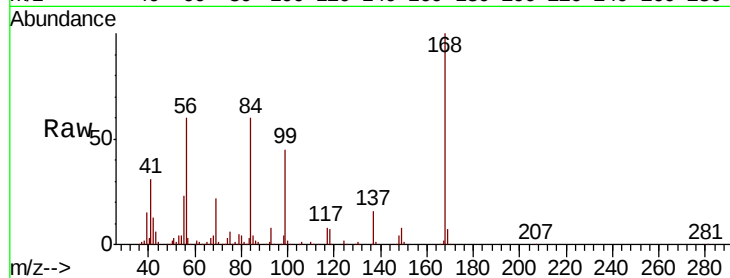
Tgt Ion: 56 Resp: 190336

Ion Ratio Lower Upper

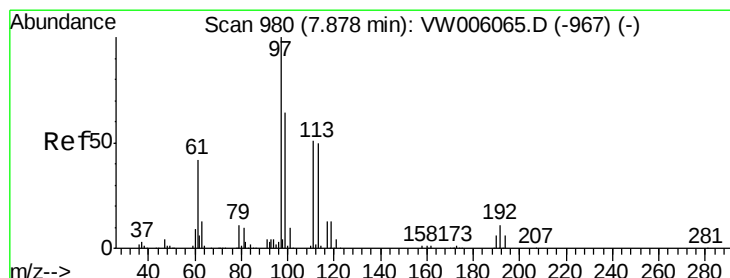
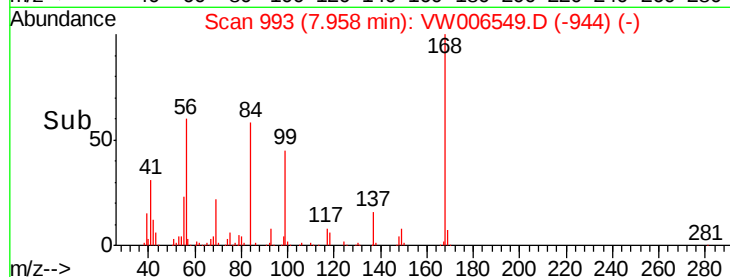
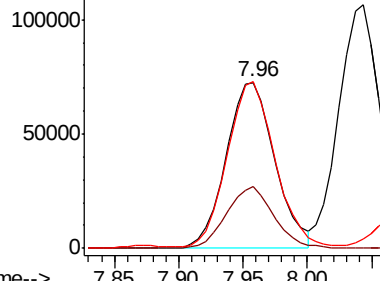
56 100

69 37.1 29.0 43.4

84 99.3 77.8 116.6



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: 49.412 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

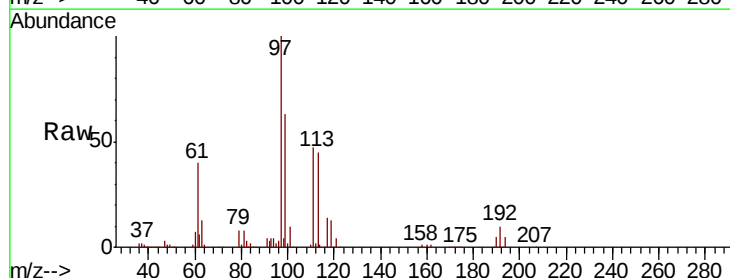
Tgt Ion: 97 Resp: 203854

Ion Ratio Lower Upper

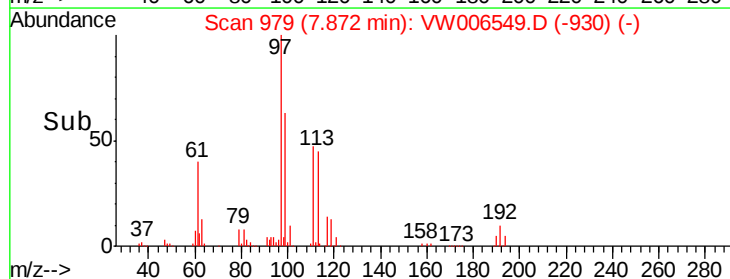
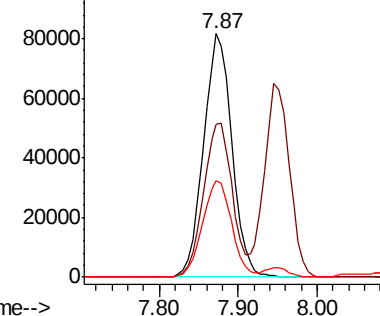
97 100

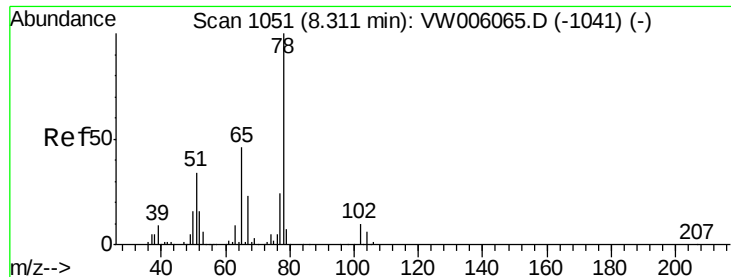
99 63.6 51.7 77.5

61 40.6 32.9 49.3



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

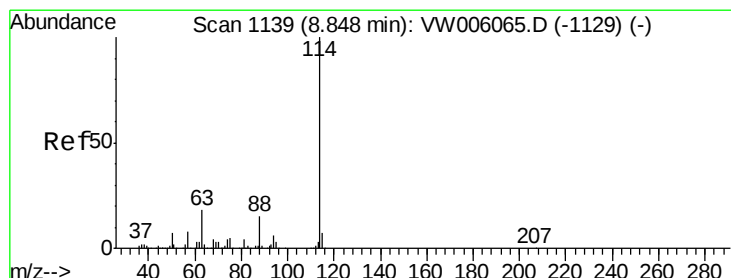
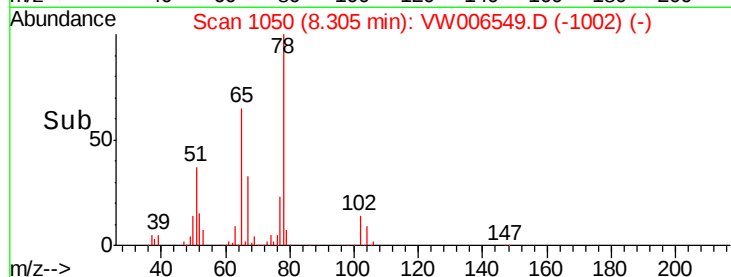
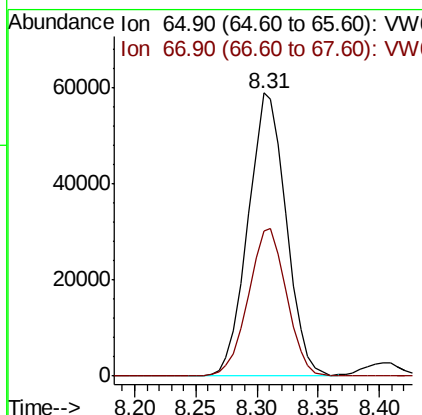
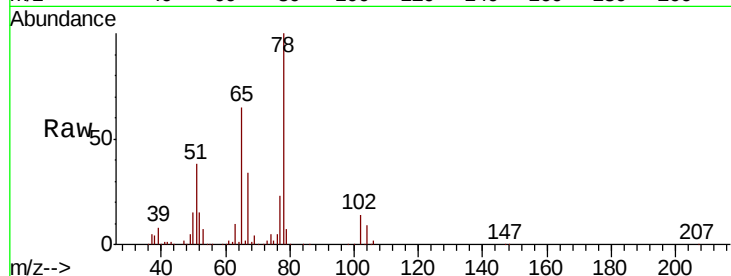




#33
 1,2-Dichloroethane-d4
 Concen: 50.155 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

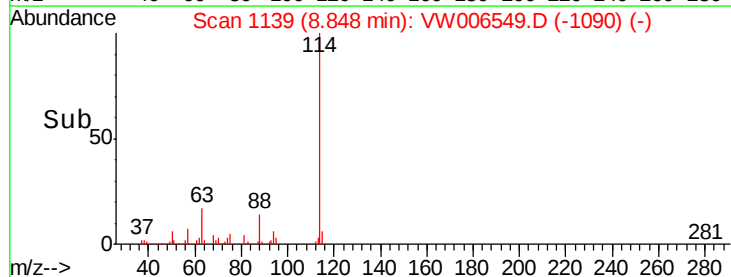
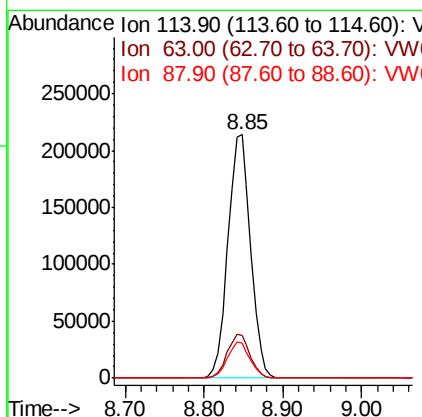
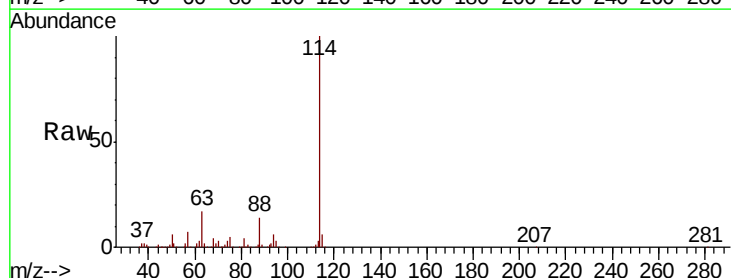
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

Tgt Ion: 65 Resp: 127444
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 114 Resp: 425976
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.2 0.0 29.0

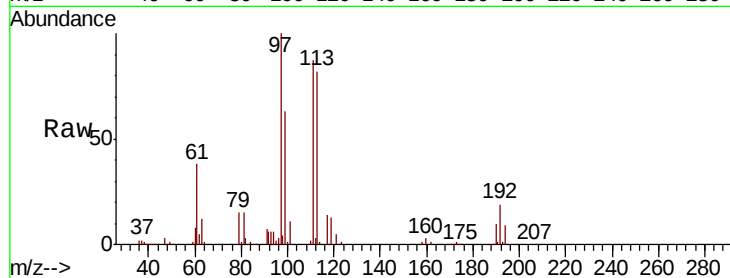




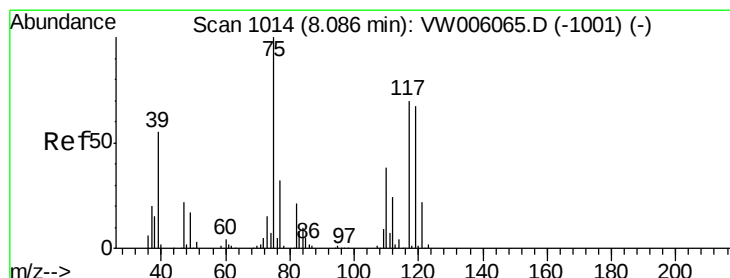
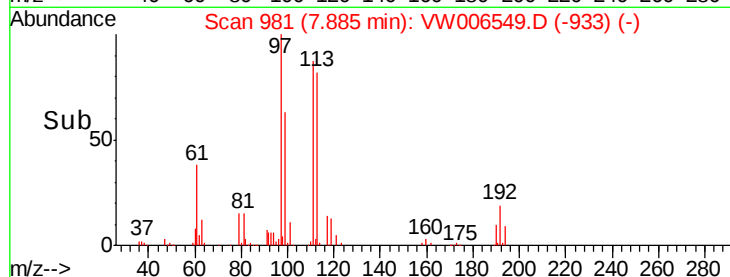
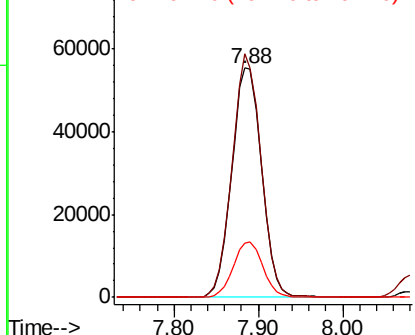
#35
 Dibromofluoromethane
 Concen: 49.671 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

Tgt Ion: 113 Resp: 132786
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 23.8 19.0 28.6

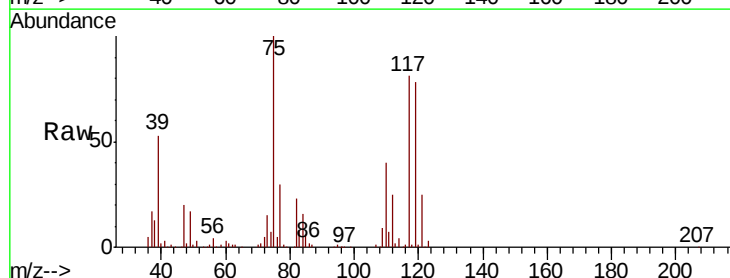


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

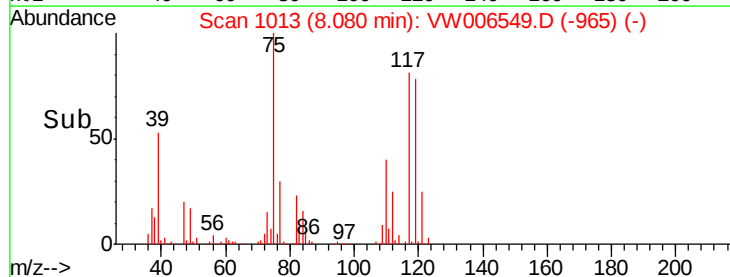
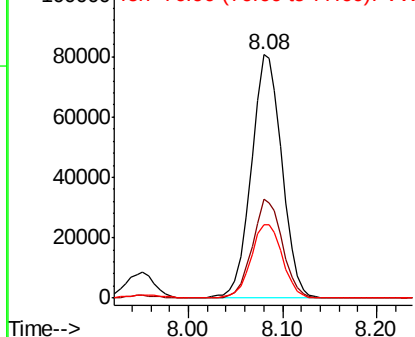


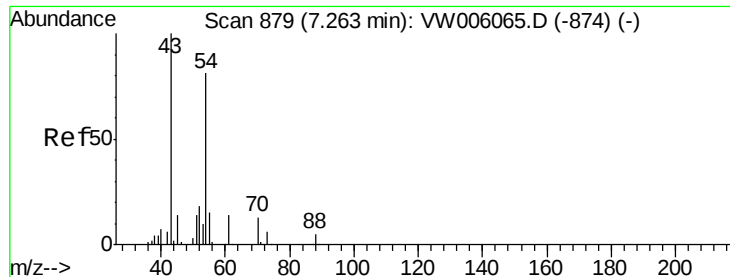
#36
 1,1-Dichloropropene
 Concen: 49.196 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 75 Resp: 184292
 Ion Ratio Lower Upper
 75 100
 110 39.6 19.5 58.5
 77 31.1 24.6 37.0



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

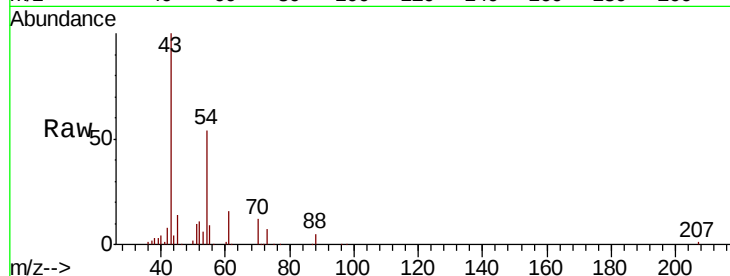




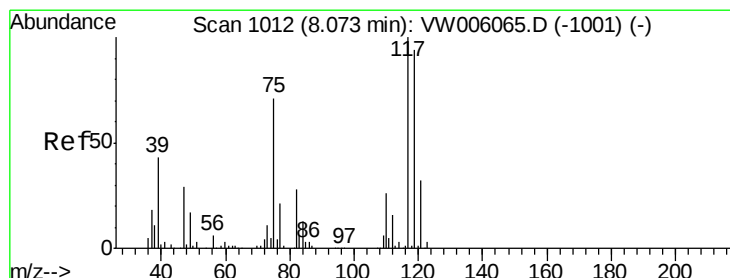
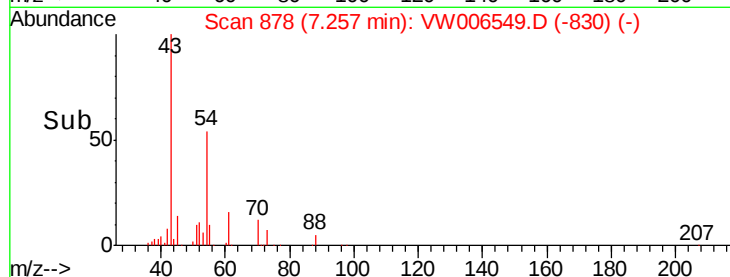
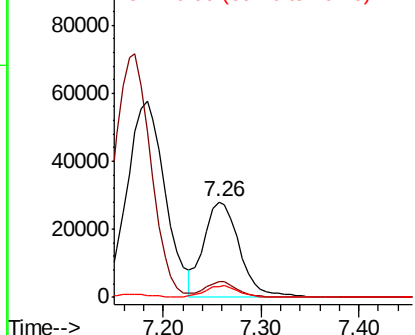
#37
Ethyl Acetate
Concen: 54.409 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Instrument :
MSVOA_W
ClientSampleId :
ICVW110218

Tgt Ion: 43 Resp: 70632
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 11.7 9.8 14.6

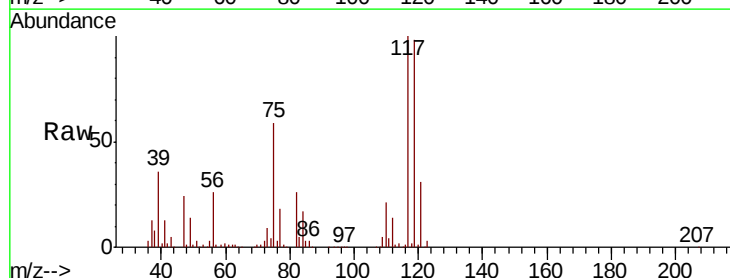


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

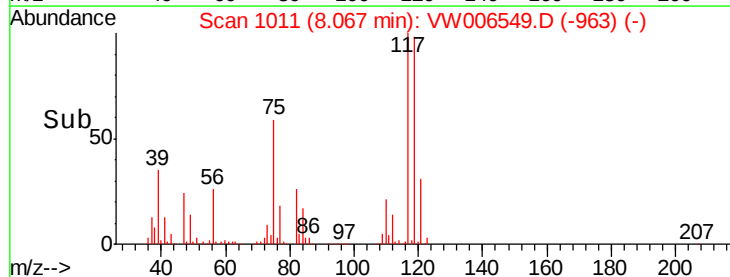
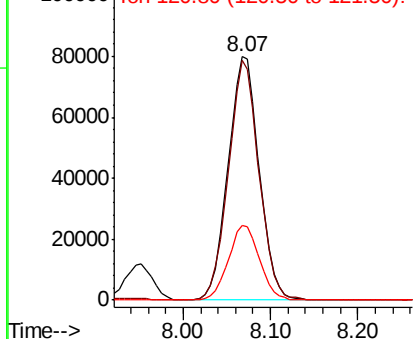


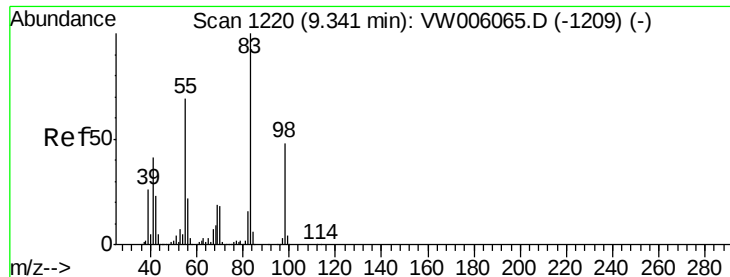
#38
Carbon Tetrachloride
Concen: 50.344 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion: 117 Resp: 197063
Ion Ratio Lower Upper
117 100
119 98.2 76.3 114.5
121 30.6 24.1 36.1



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

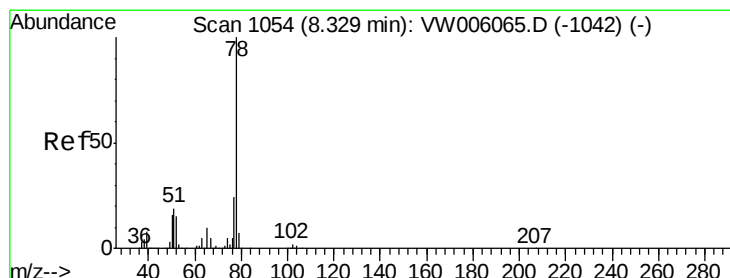
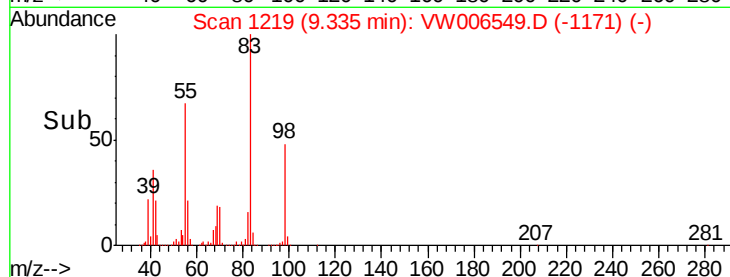
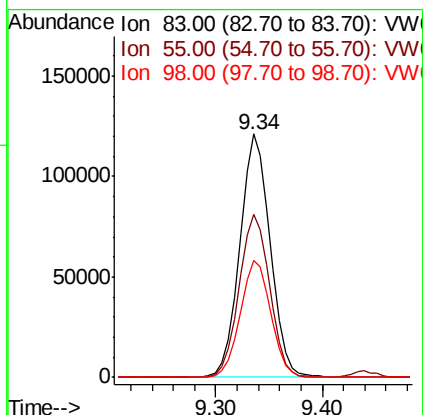
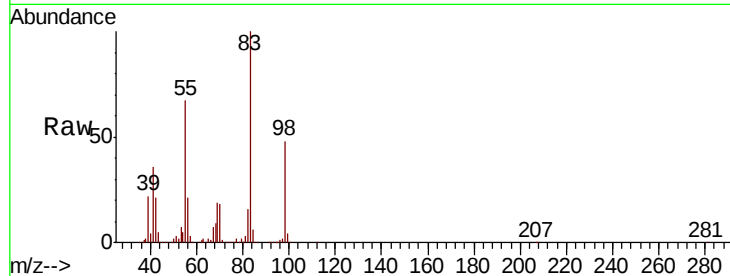




#39
Methylcyclohexane
Concen: 50.938 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

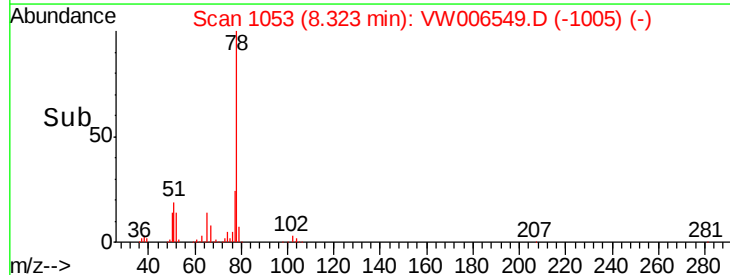
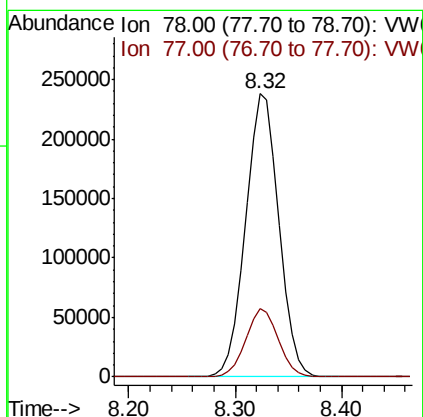
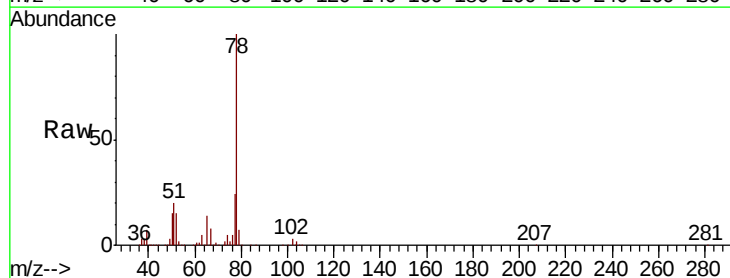
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110218

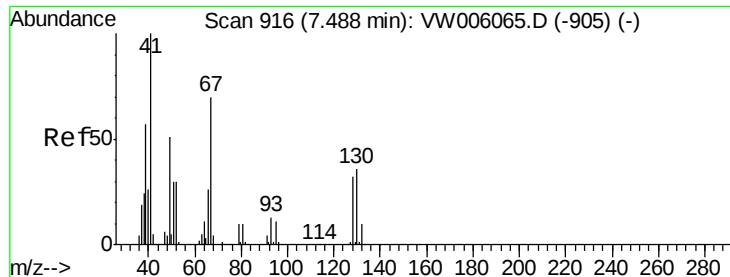
Tgt Ion: 83 Resp: 242152
Ion Ratio Lower Upper
83 100
55 66.8 53.7 80.5
98 48.2 39.2 58.8



#40
Benzene
Concen: 49.016 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion: 78 Resp: 521535
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8

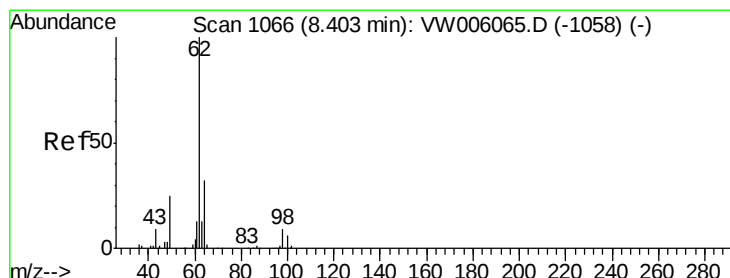
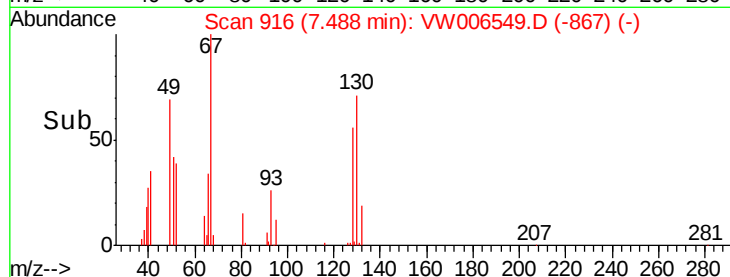
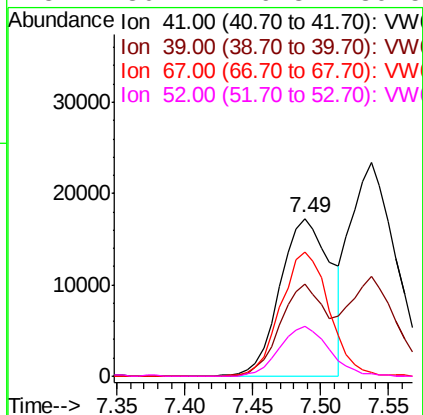
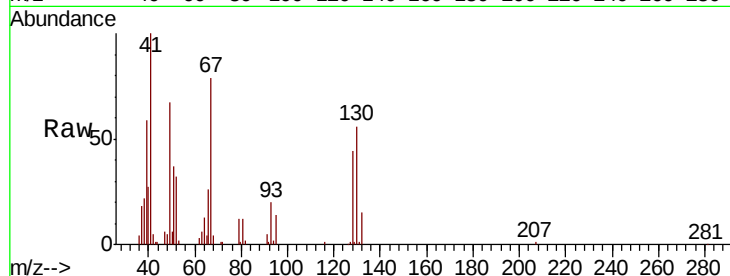




#41
Methacrylonitrile
Concen: 56.503 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

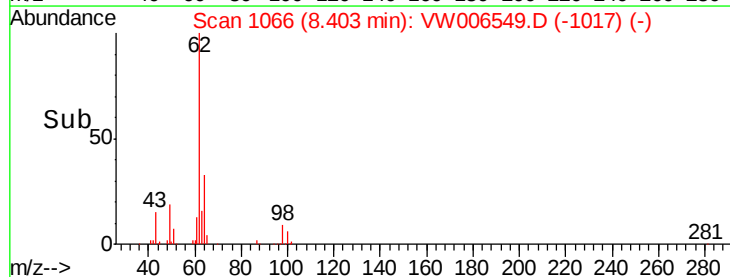
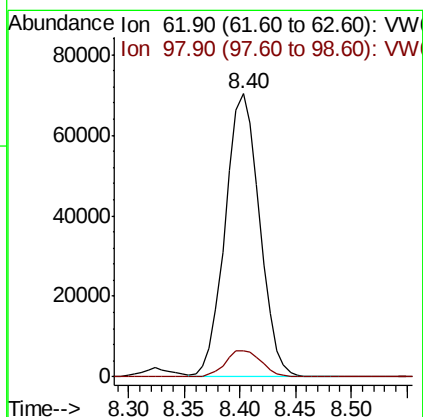
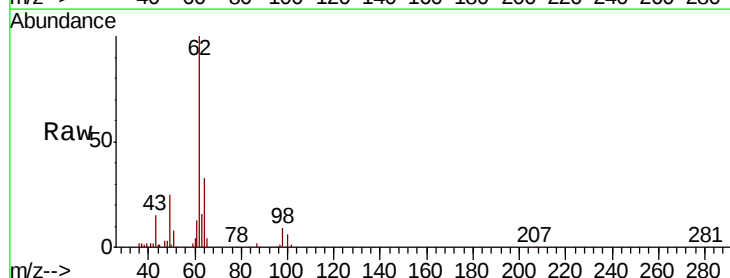
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110218

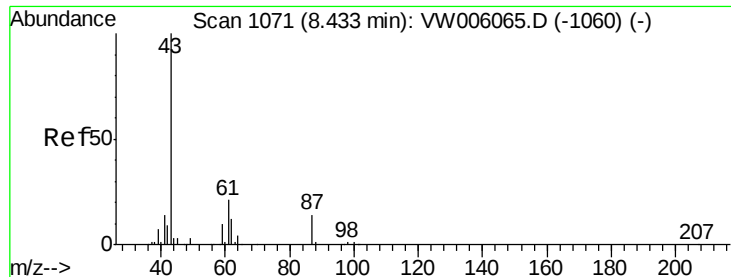
Tgt Ion:	41	Resp:	44978
Ion	Ratio	Lower	Upper
41	100		
39	51.1	44.5	66.7
67	75.1	63.8	95.8
52	30.7	26.3	39.5



#42
1,2-Dichloroethane
Concen: 49.378 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion:	62	Resp:	150674
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.445 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110218

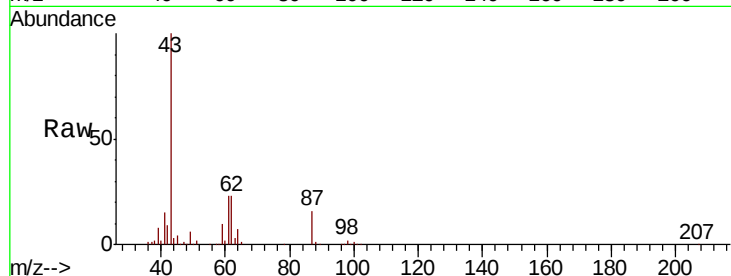
Tgt Ion: 43 Resp: 141038

Ion Ratio Lower Upper

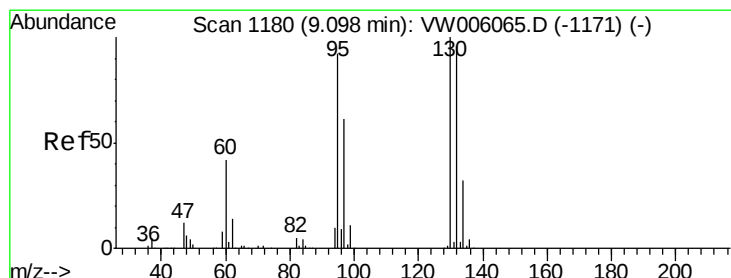
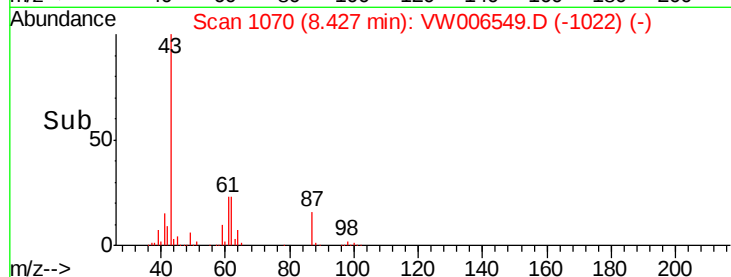
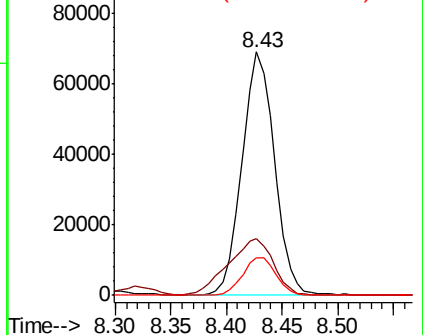
43 100

61 32.1 27.2 40.8

87 15.9 12.9 19.3



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



#44

Trichloroethene

Concen: 49.375 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006549.D

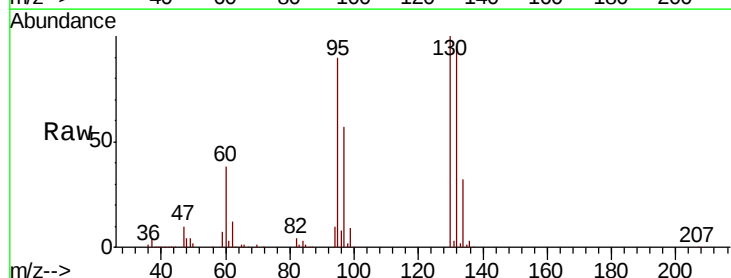
Acq: 01 Nov 2018 02:56

Tgt Ion: 130 Resp: 162116

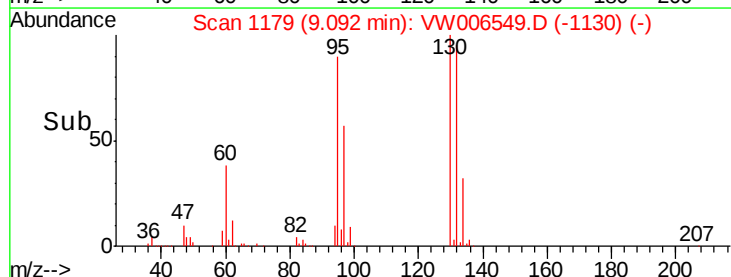
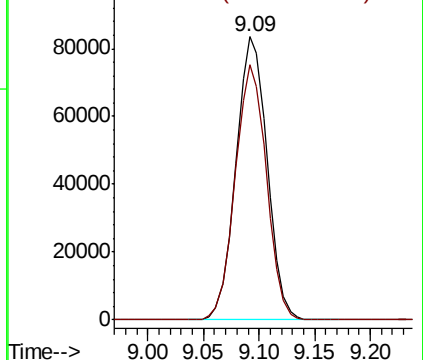
Ion Ratio Lower Upper

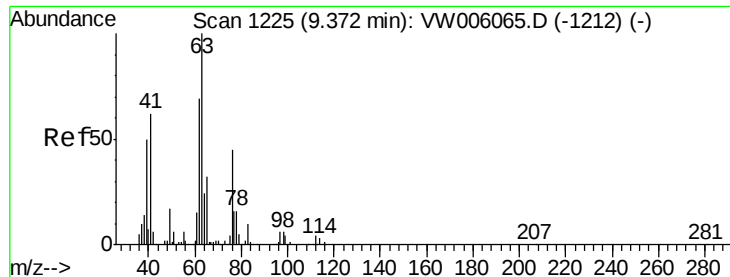
130 100

95 90.2 0.0 179.2



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

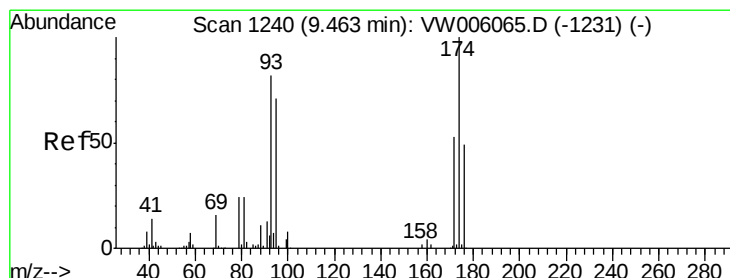
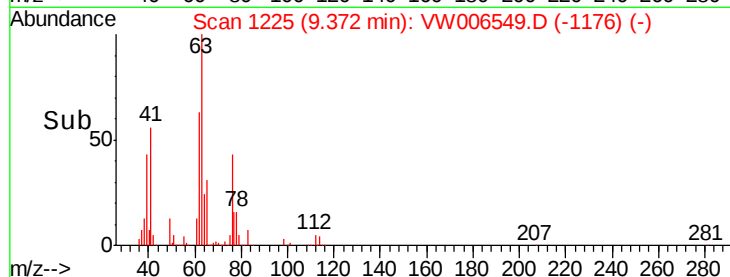
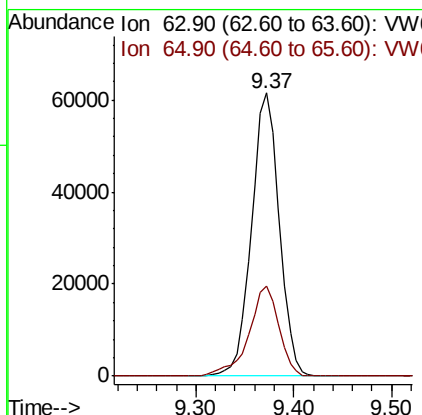
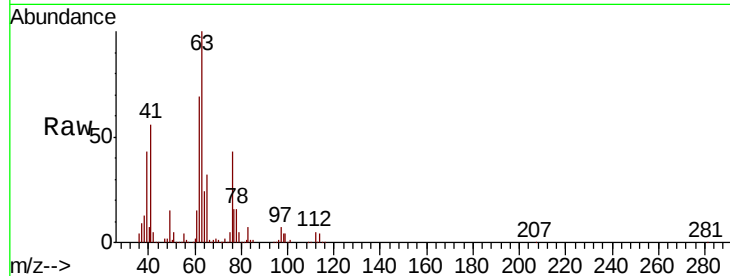




#45
 1,2-Dichloropropane
 Concen: 48.835 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

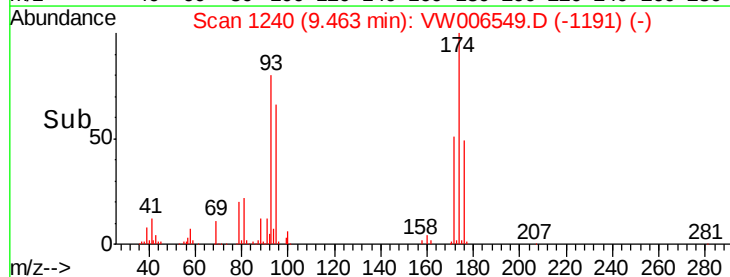
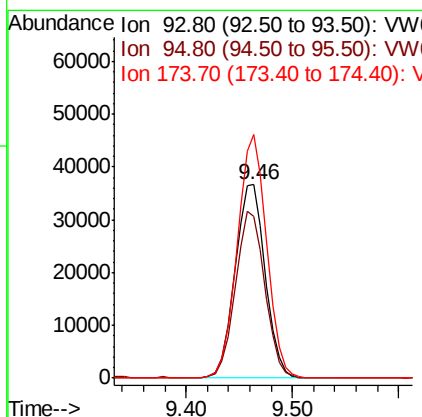
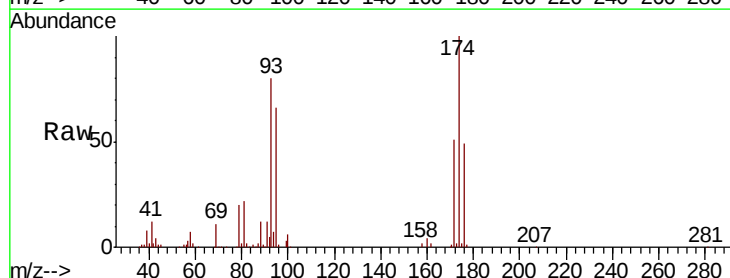
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

Tgt Ion: 63 Resp: 120923
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.1 37.7



#46
 Dibromomethane
 Concen: 50.100 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 93 Resp: 72925
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 122.4 97.3 145.9





#47

Bromodichloromethane

Concen: 50.443 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110218

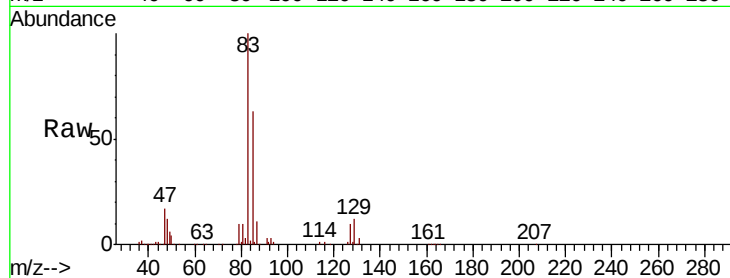
Tgt Ion: 83 Resp: 170486

Ion Ratio Lower Upper

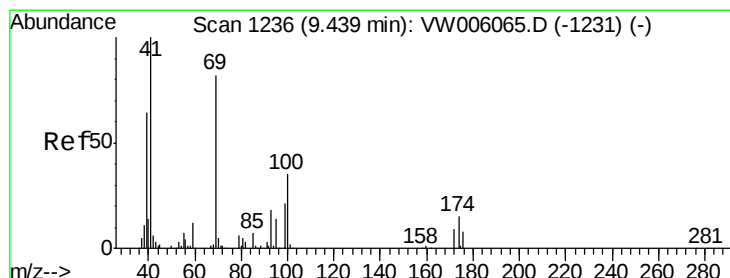
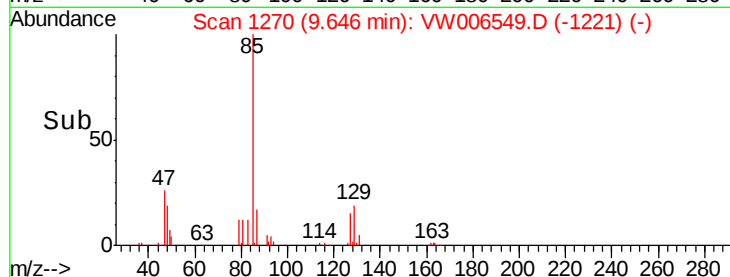
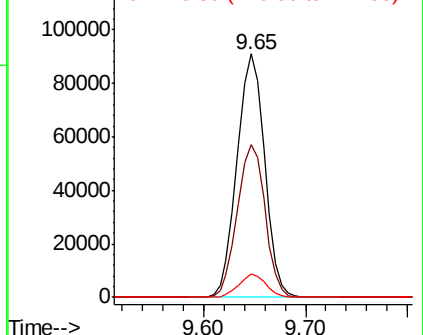
83 100

85 62.9 50.6 75.8

127 9.6 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.199 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

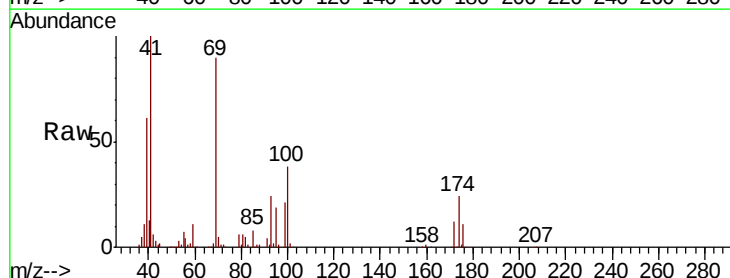
Tgt Ion: 41 Resp: 68892

Ion Ratio Lower Upper

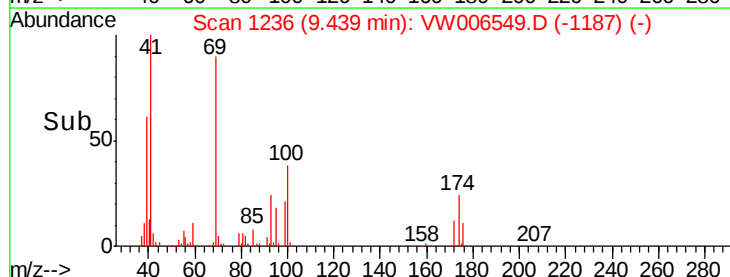
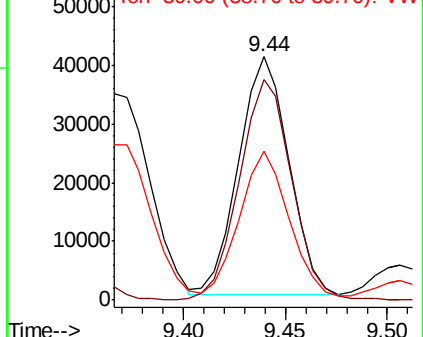
41 100

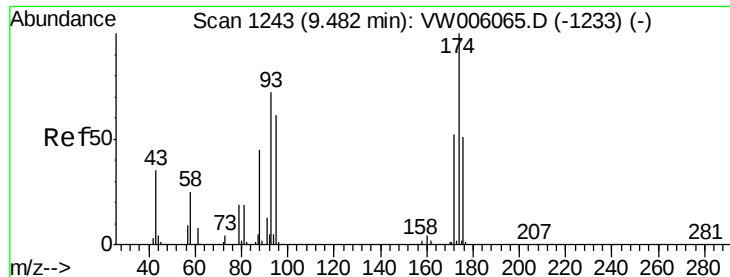
69 97.4 77.8 116.8

39 59.2 48.7 73.1



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1043.411 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVW110218

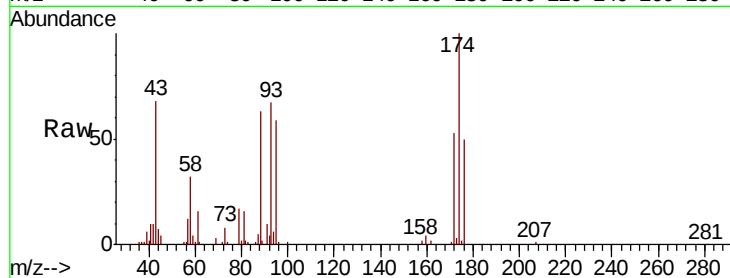
Tgt Ion: 88 Resp: 22227

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

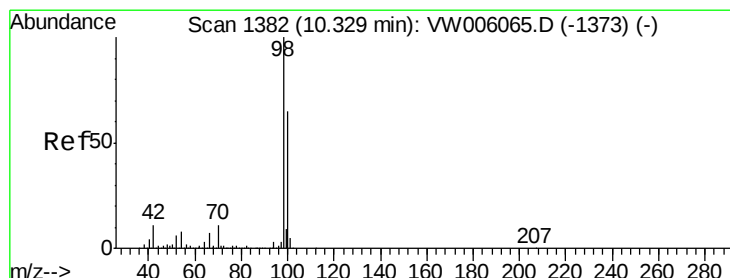
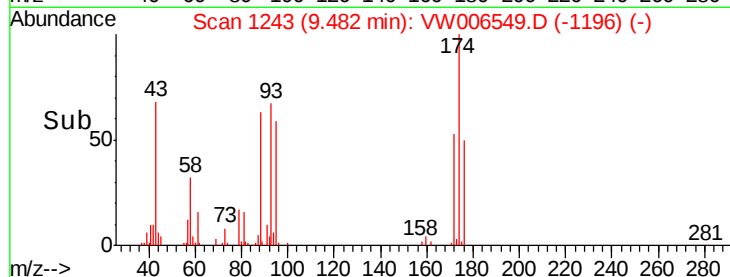
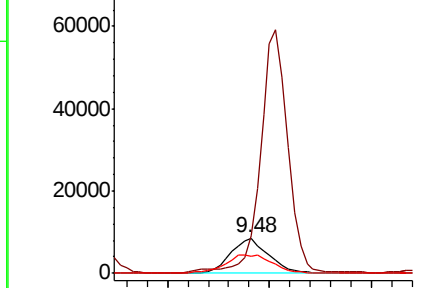
58 63.9 51.4 77.2



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: 50.191 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006549.D

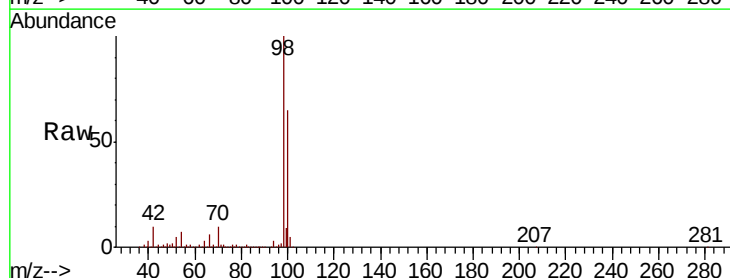
Acq: 01 Nov 2018 02:56

Tgt Ion: 98 Resp: 510791

Ion Ratio Lower Upper

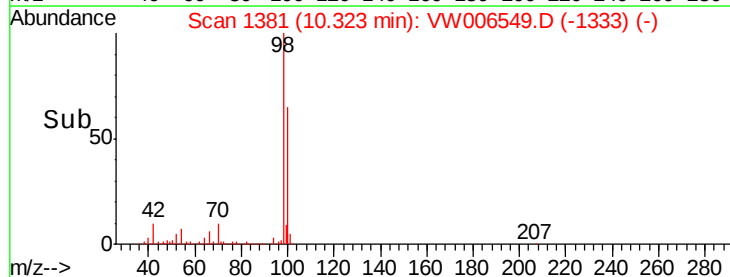
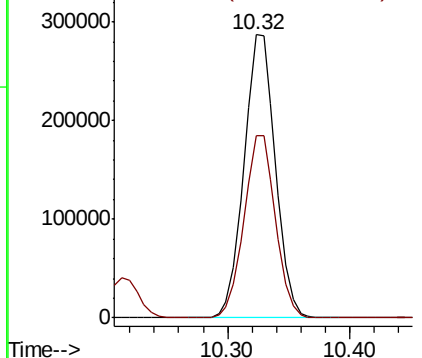
98 100

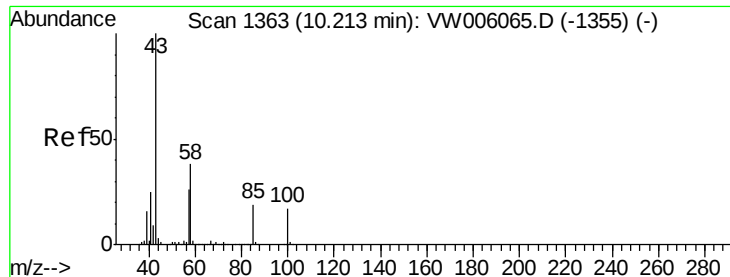
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

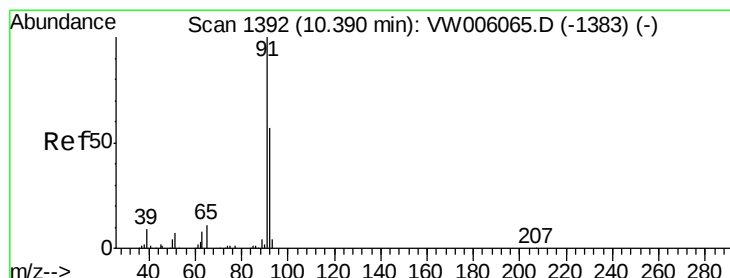
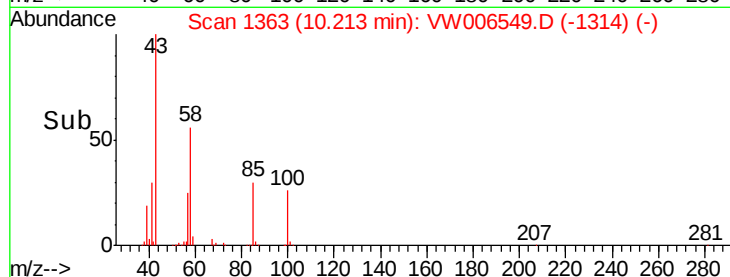
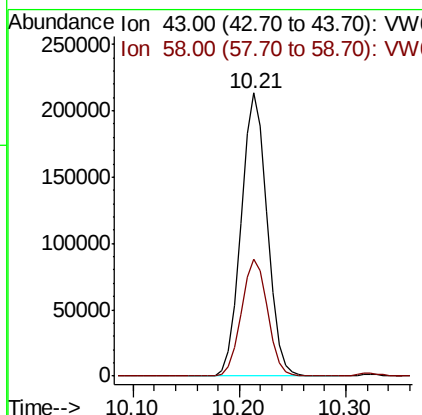
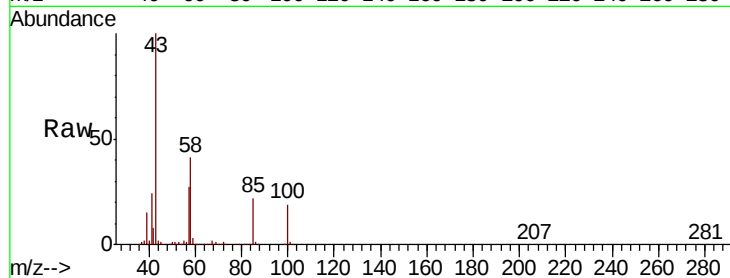




#51
 4-Methyl-2-Pentanone
 Concen: 275.597 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

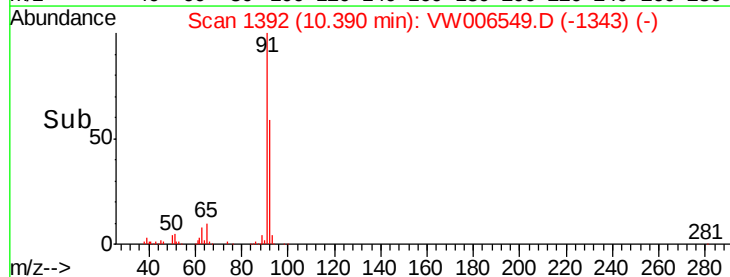
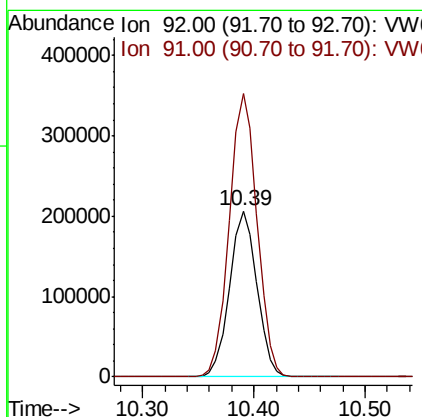
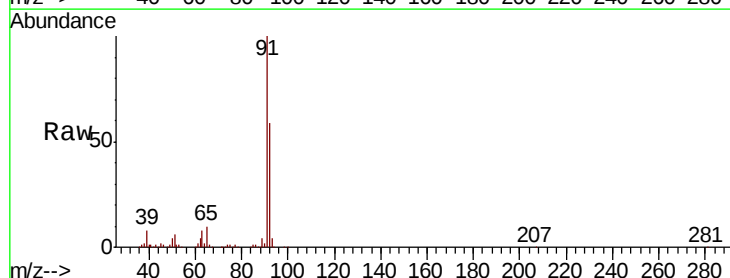
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

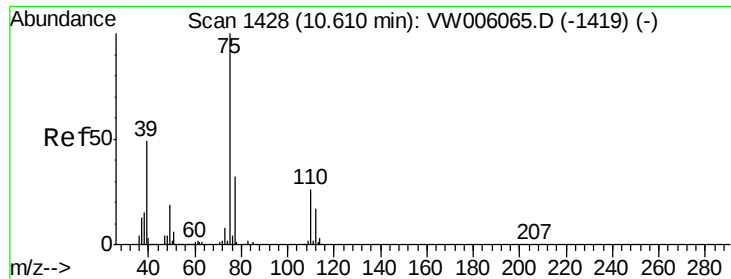
Tgt Ion: 43 Resp: 366661
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.4 50.0



#52
 Toluene
 Concen: 49.011 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 92 Resp: 349767
 Ion Ratio Lower Upper
 92 100
 91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.229 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

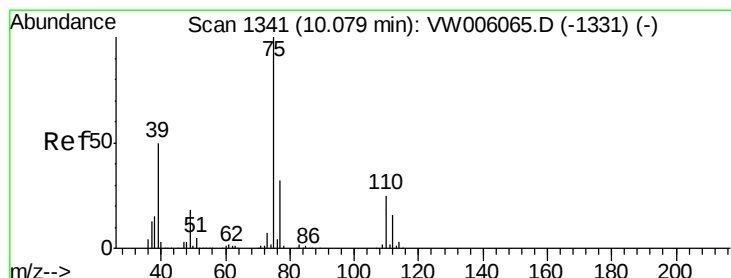
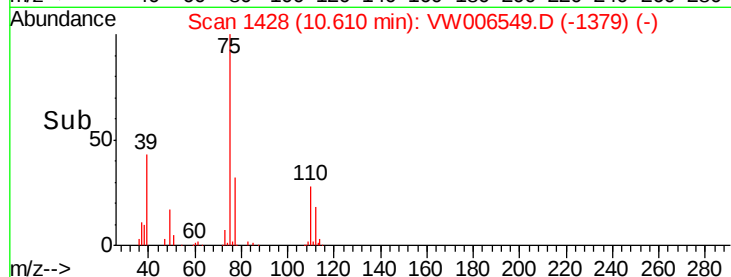
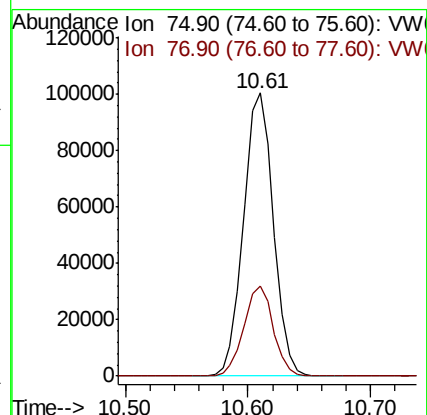
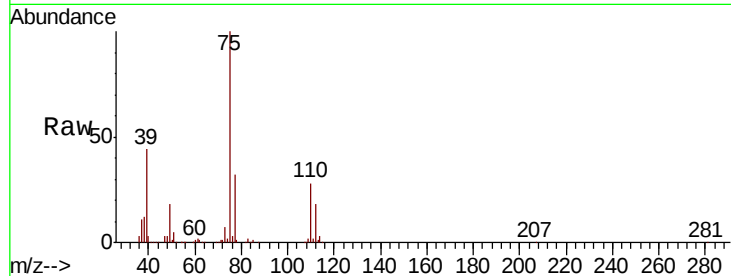
ICVWV110218

Tgt Ion: 75 Resp: 169886

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 50.227 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

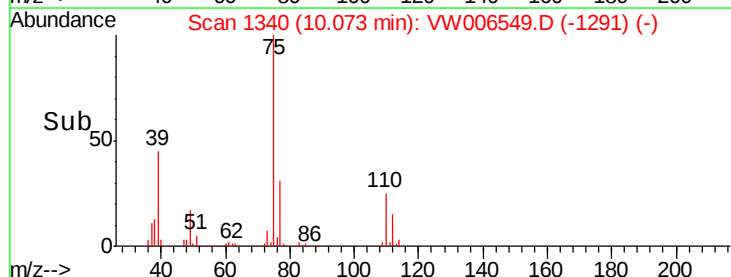
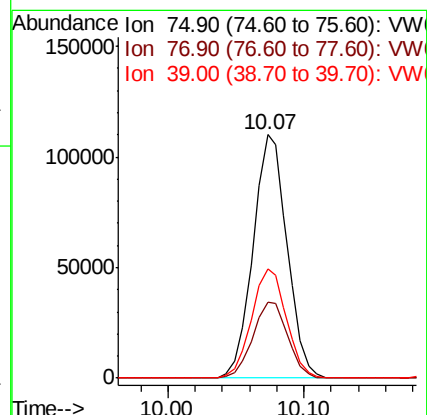
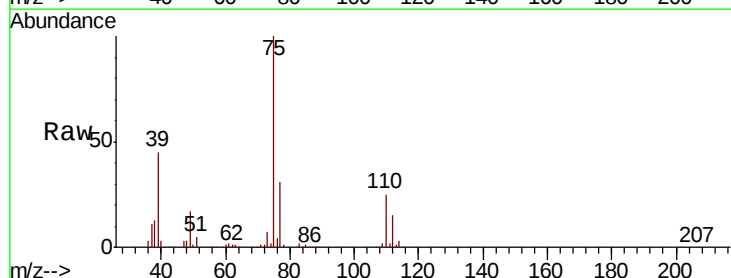
Tgt Ion: 75 Resp: 193058

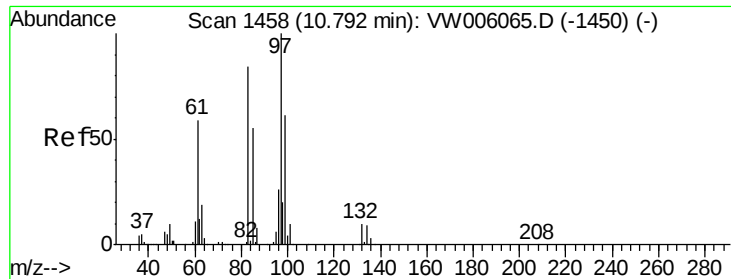
Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

39 45.0 37.3 55.9

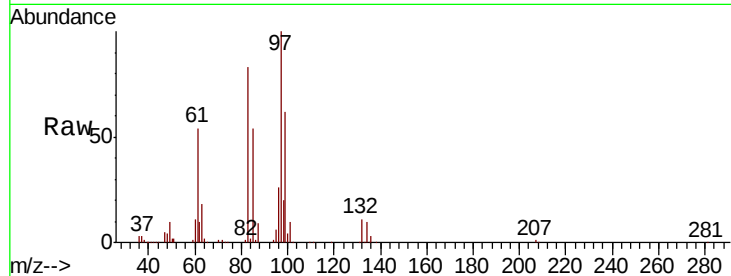




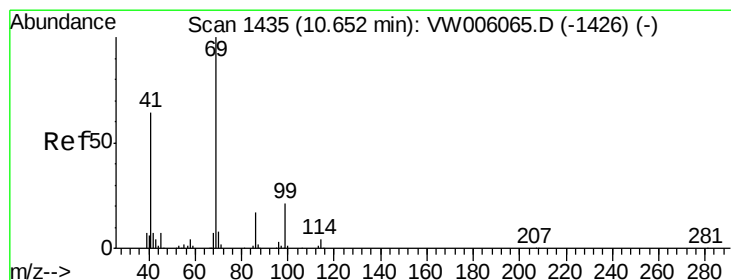
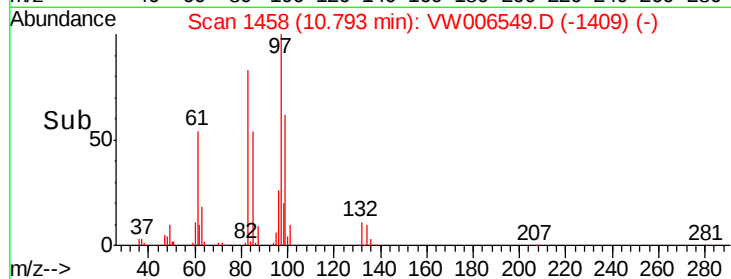
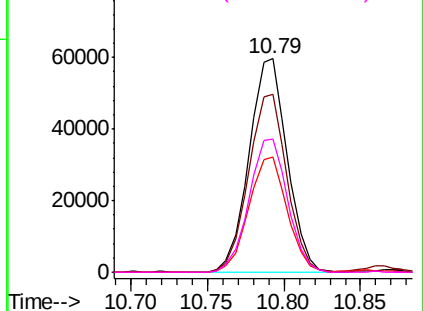
#55
 1,1,2-Trichloroethane
 Concen: 50.322 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

Tgt Ion:	97	Resp:	103929
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.9	101.9
85	54.2	44.0	66.0
99	62.4	52.2	78.2

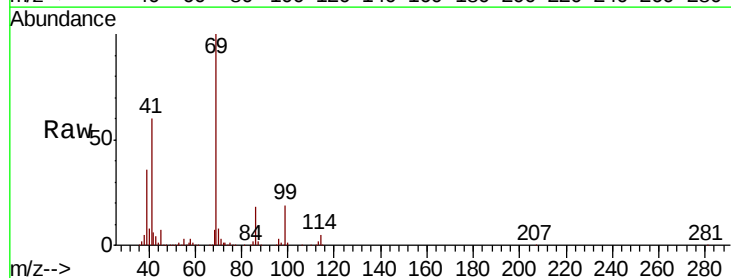


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

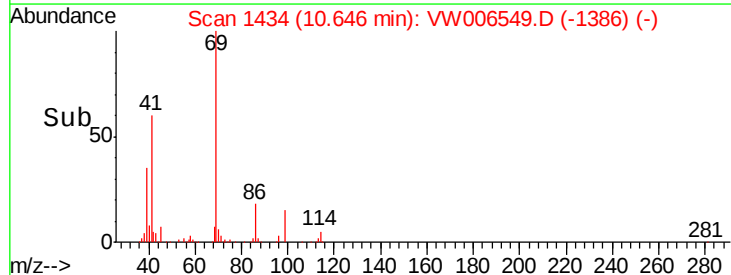
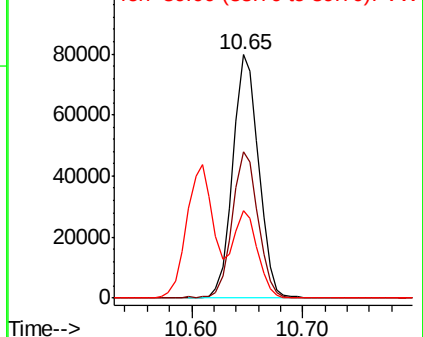


#56
 Ethyl methacrylate
 Concen: 54.375 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion:	69	Resp:	127640
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.4	71.2
39	34.4	25.3	37.9



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

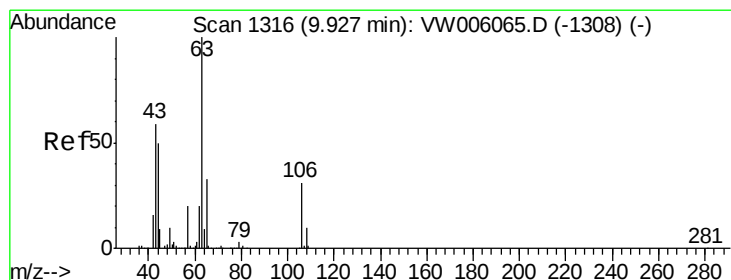
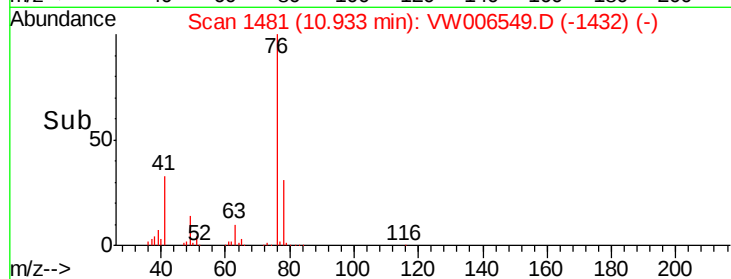
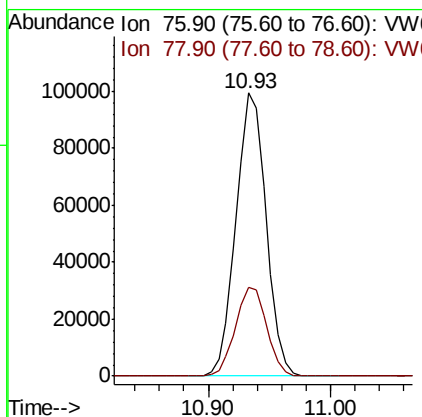
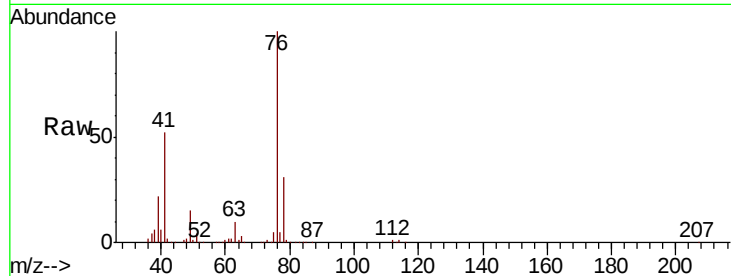




#57
 1,3-Dichloropropane
 Concen: 50.504 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

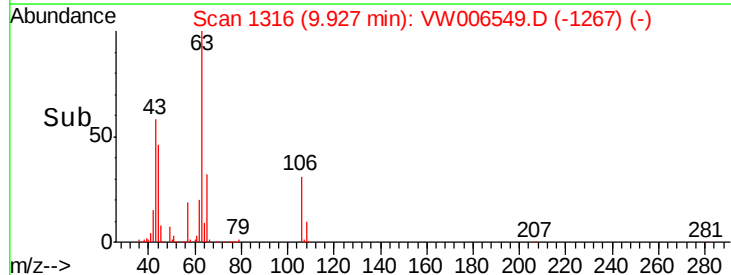
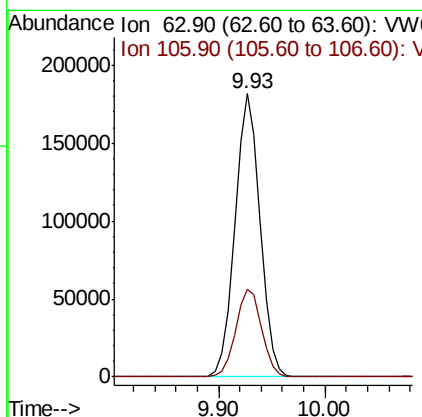
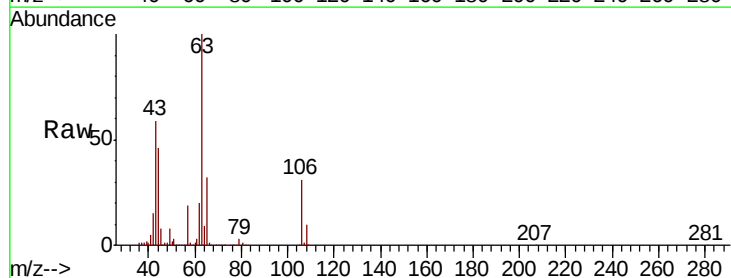
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

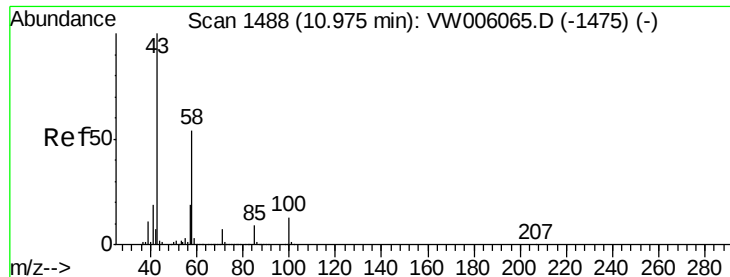
Tgt Ion: 76 Resp: 169371
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.196 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 63 Resp: 299186
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.4 38.2

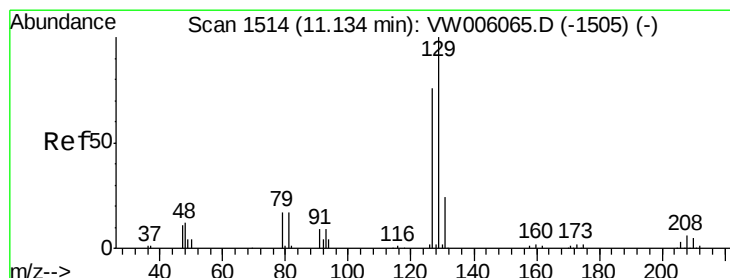
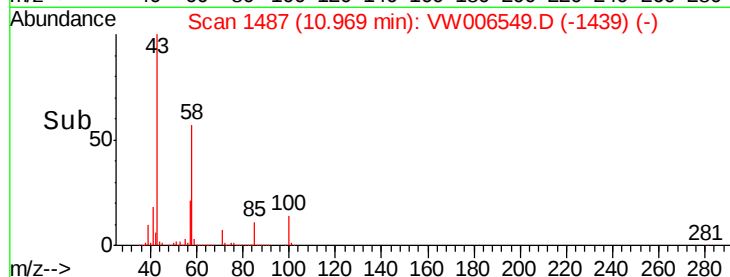
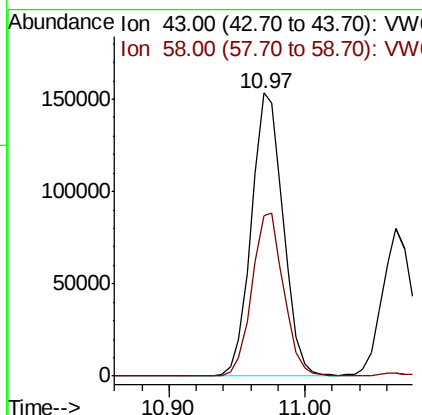
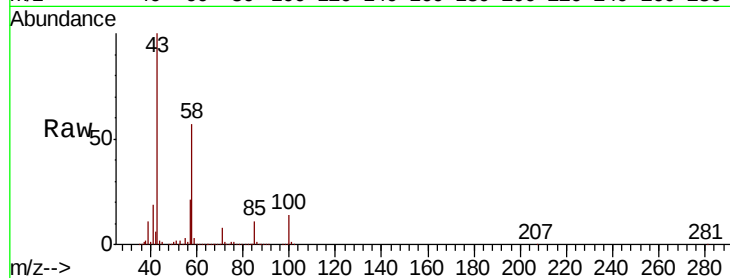




#59
2-Hexanone
Concen: 278.489 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

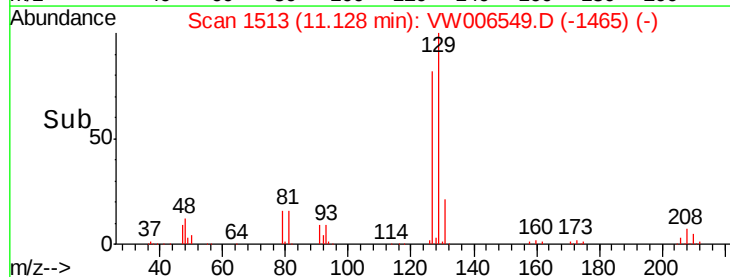
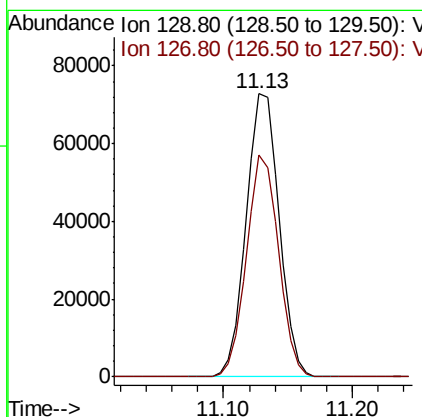
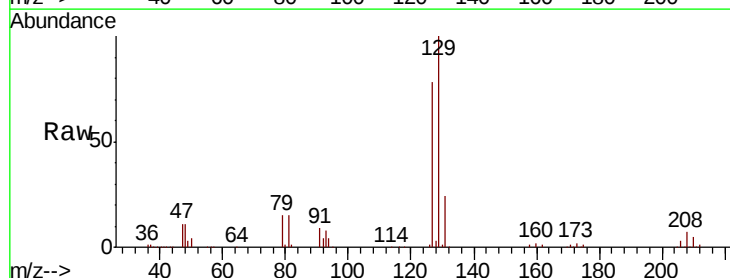
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110218

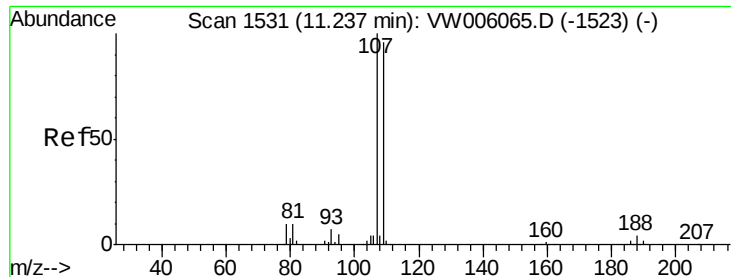
Tgt Ion: 43 Resp: 251646
Ion Ratio Lower Upper
43 100
58 57.2 28.8 86.4



#60
Dibromochloromethane
Concen: 52.662 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion: 129 Resp: 128862
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.057 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

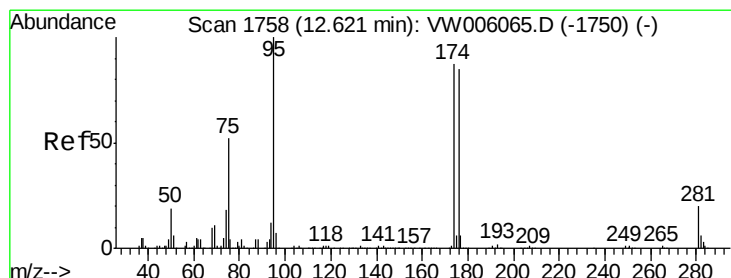
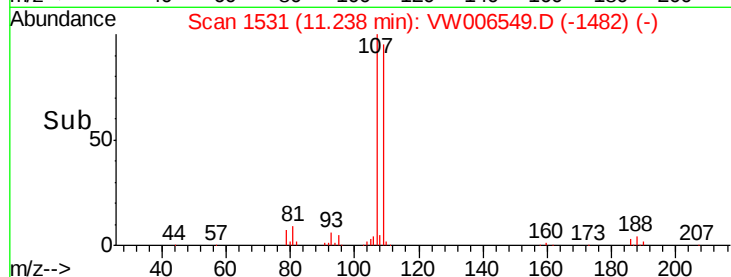
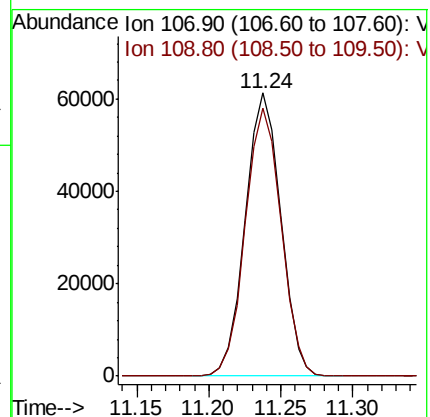
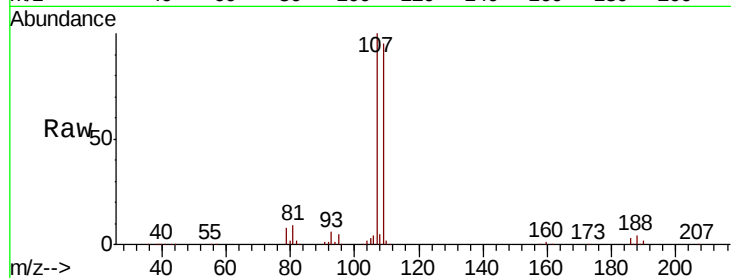
ICVW110218

Tgt Ion: 107 Resp: 104715

Ion Ratio Lower Upper

107 100

109 95.6 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 50.483 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

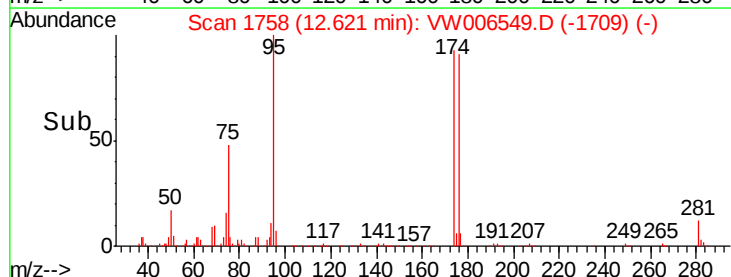
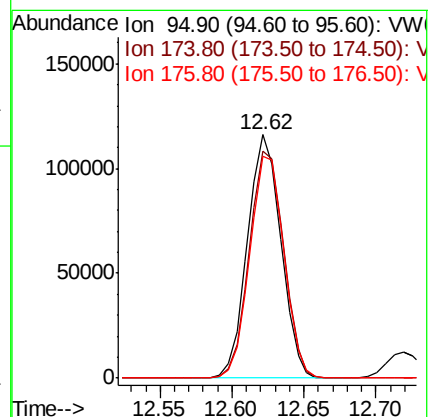
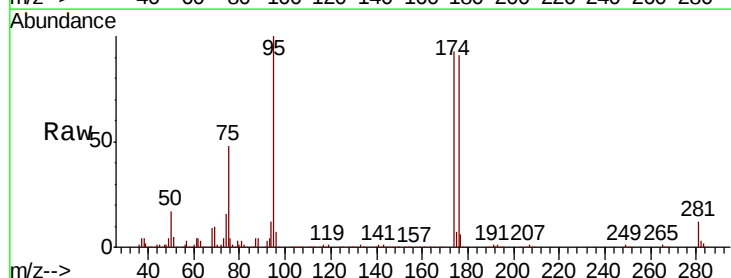
Tgt Ion: 95 Resp: 186259

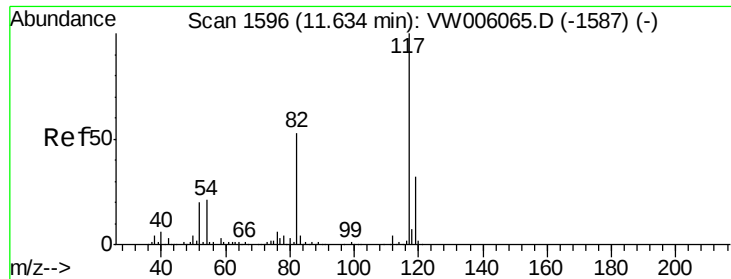
Ion Ratio Lower Upper

95 100

174 95.7 0.0 192.4

176 93.1 0.0 187.4

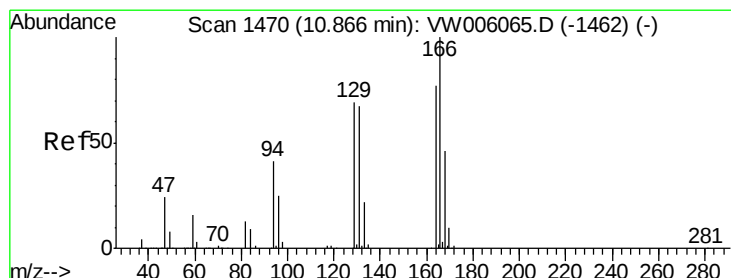
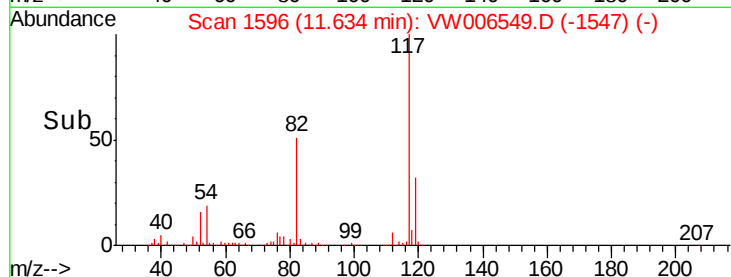
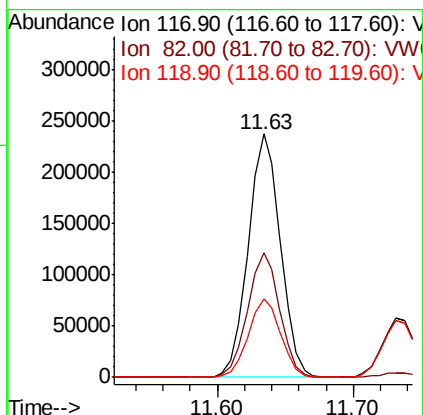
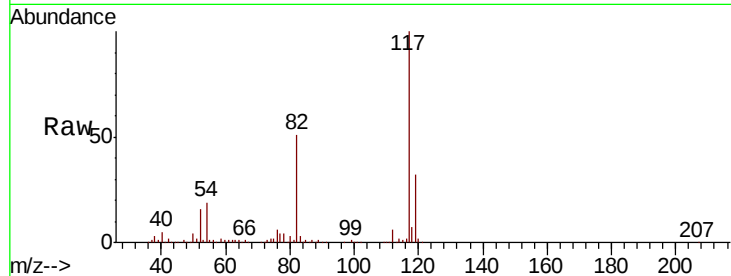




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

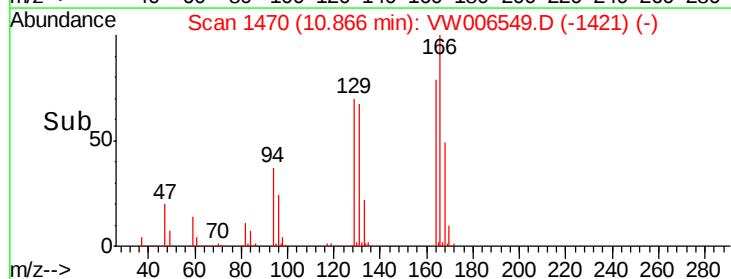
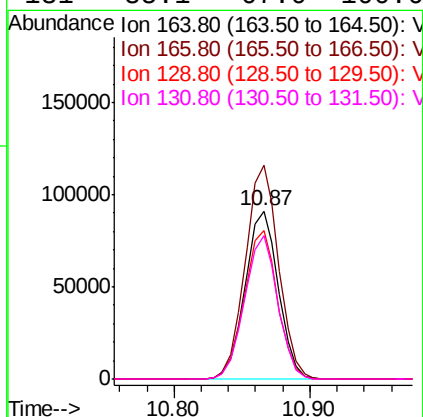
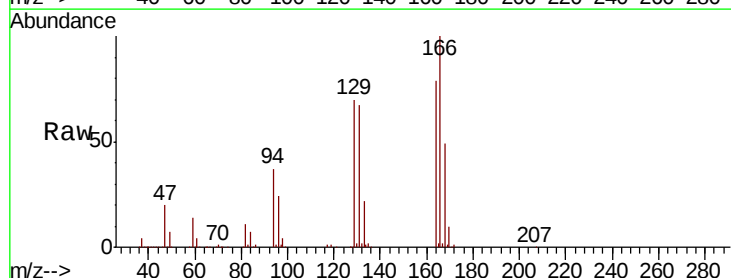
Instrument :
MSVOA_W
ClientSampleId :
ICVW110218

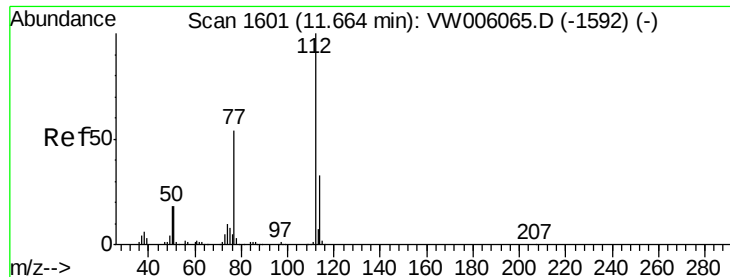
Tgt Ion:117 Resp: 393188
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.4 26.1 39.1



#64
Tetrachloroethene
Concen: 49.629 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion:164 Resp: 155552
Ion Ratio Lower Upper
164 100
166 127.1 102.8 154.2
129 88.4 70.9 106.3
131 85.1 67.0 100.6

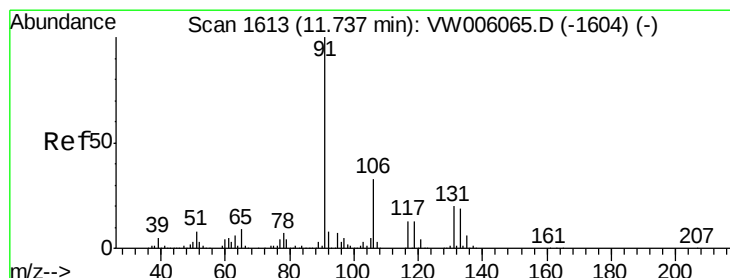
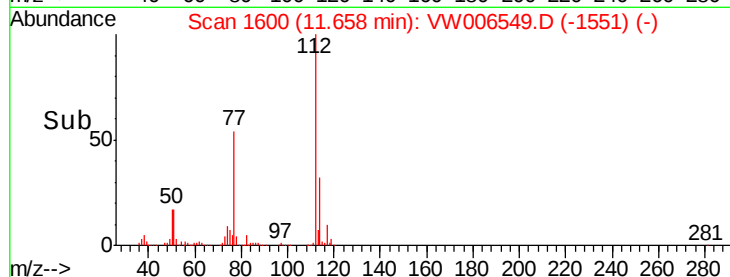
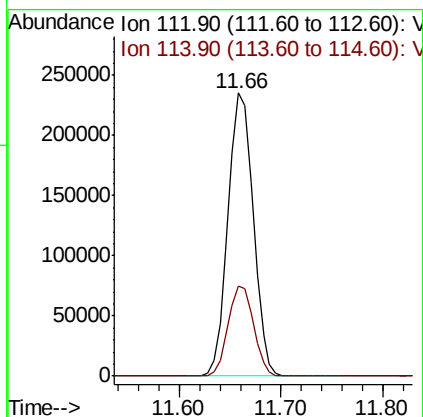
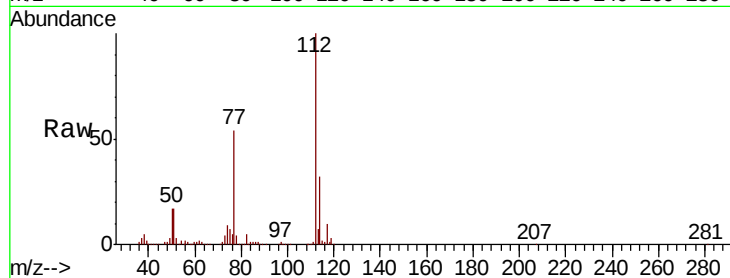




#65
Chlorobenzene
Concen: 48.755 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

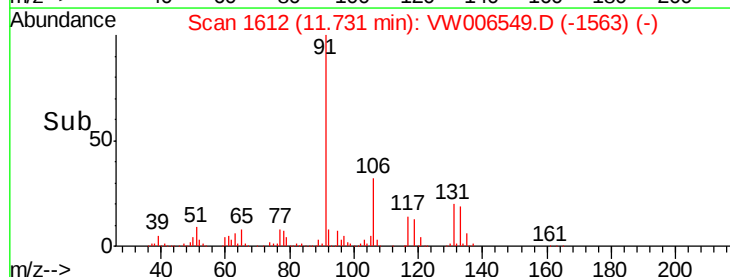
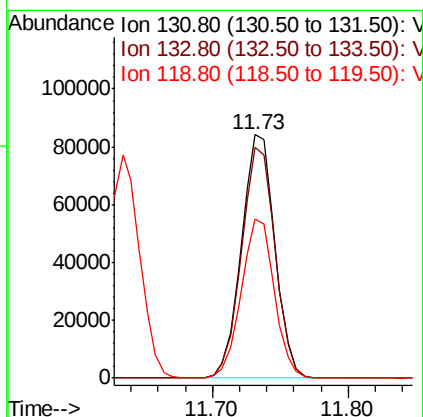
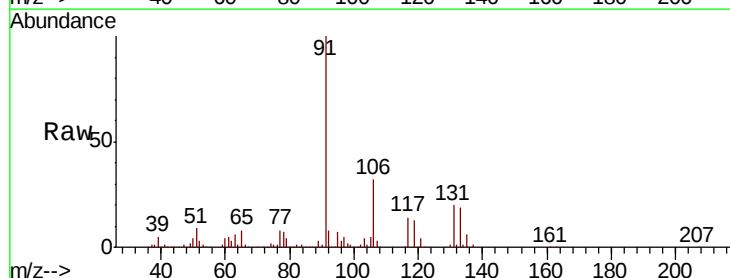
Instrument :
MSVOA_W
ClientSampleId :
ICVW110218

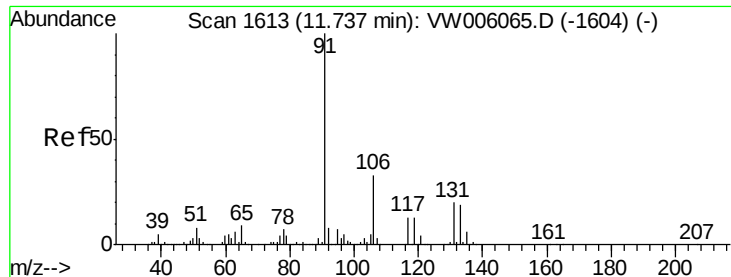
Tgt Ion:112 Resp: 403392
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.669 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion:131 Resp: 144441
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 64.8 31.9 95.5

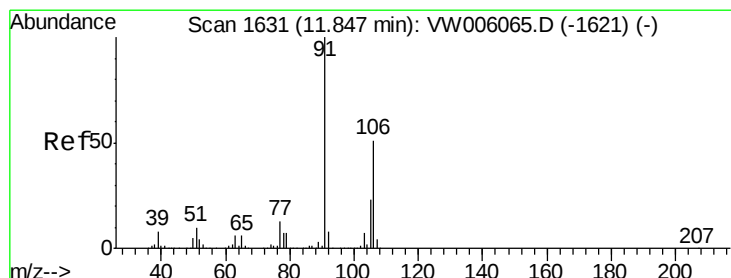
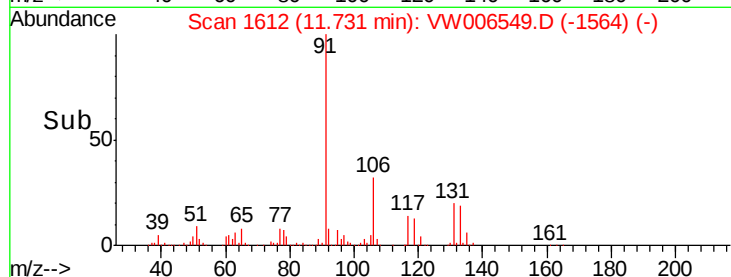
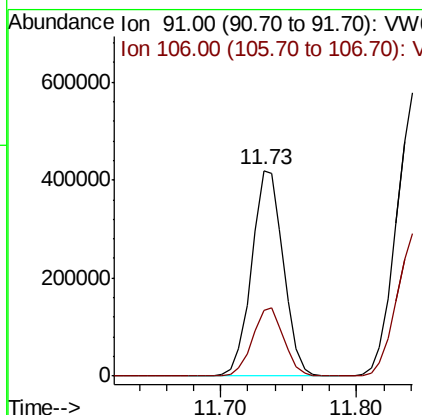
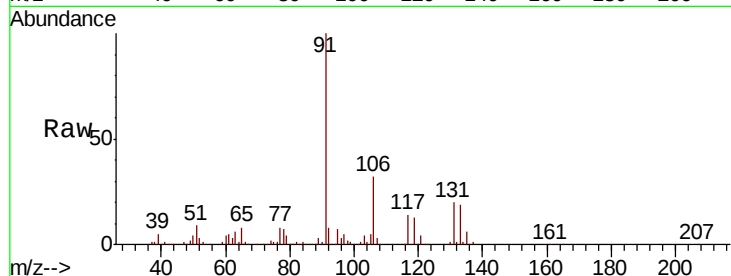




#67
Ethyl Benzene
Concen: 49.578 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

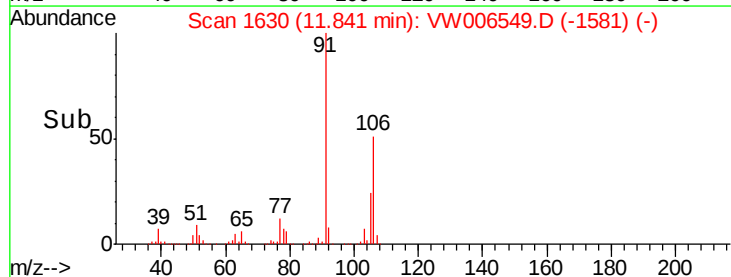
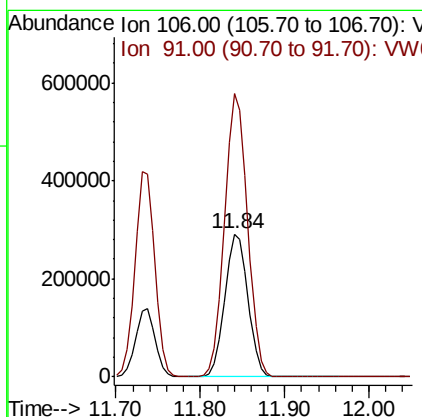
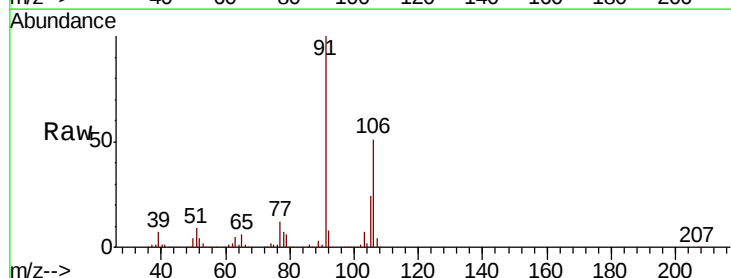
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110218

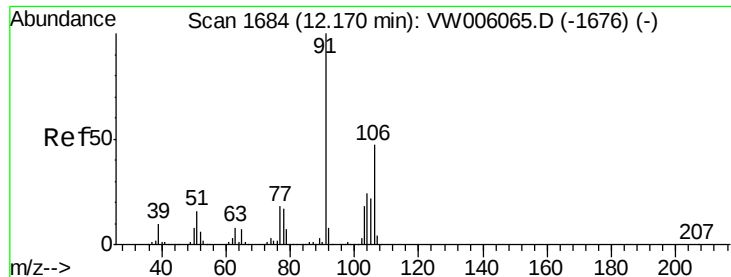
Tgt Ion: 91 Resp: 685631
Ion Ratio Lower Upper
91 100
106 31.7 26.3 39.5



#68
m/p-Xylenes
Concen: 99.369 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion: 106 Resp: 549027
Ion Ratio Lower Upper
106 100
91 196.2 156.7 235.1

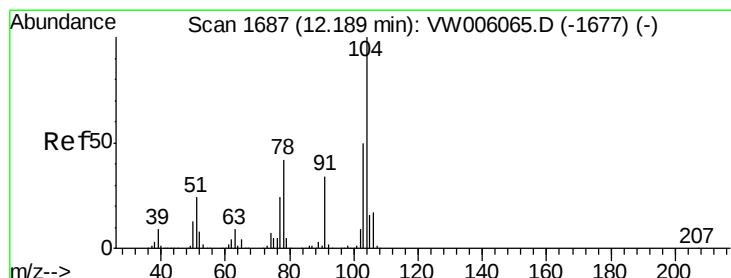
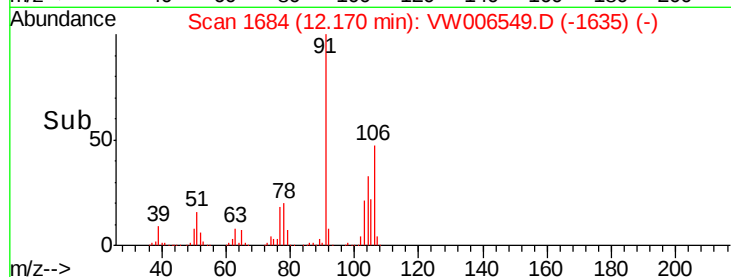
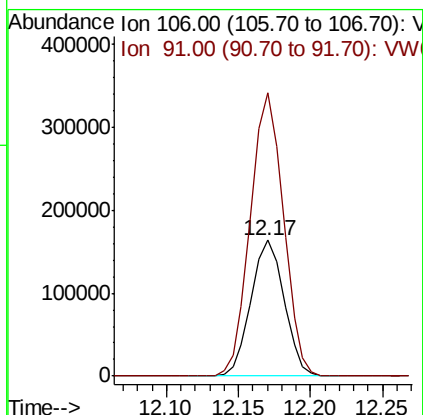
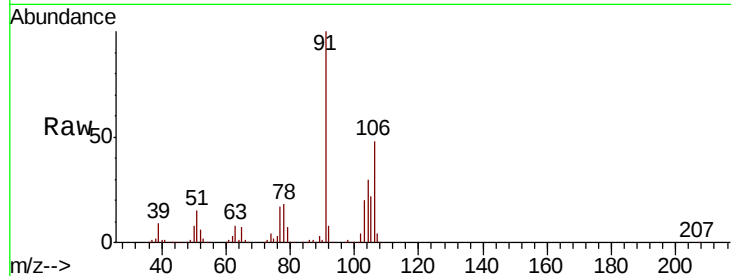




#69
o-Xylene
Concen: 49.751 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

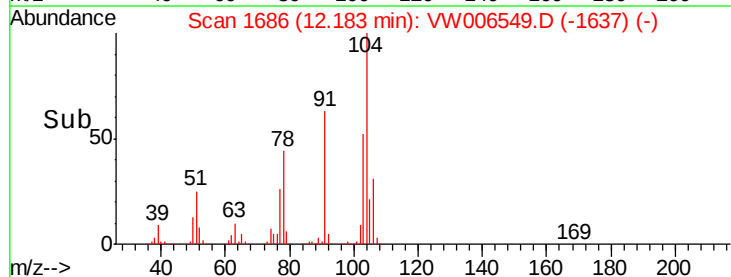
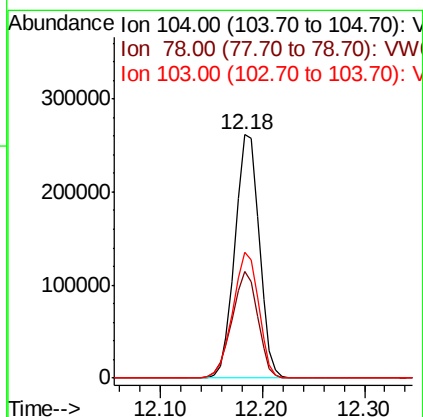
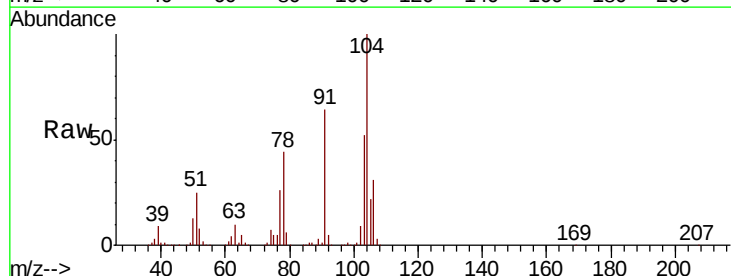
Instrument :
MSVOA_W
ClientSampleId :
ICVW110218

Tgt Ion:106 Resp: 261692
Ion Ratio Lower Upper
106 100
91 207.8 102.8 308.4



#70
Styrene
Concen: 50.195 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion:104 Resp: 430455
Ion Ratio Lower Upper
104 100
78 46.6 37.2 55.8
103 55.0 44.2 66.2





#71

Bromoform

Concen: 53.966 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVW110218

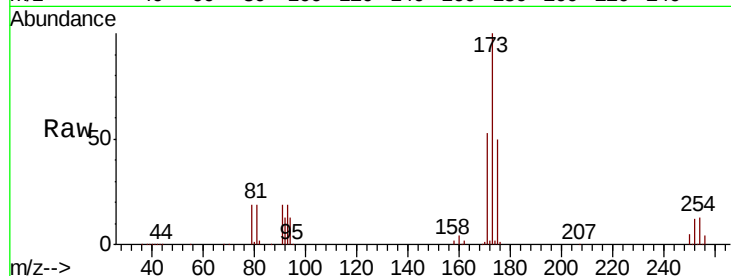
Tgt Ion:173 Resp: 83192

Ion Ratio Lower Upper

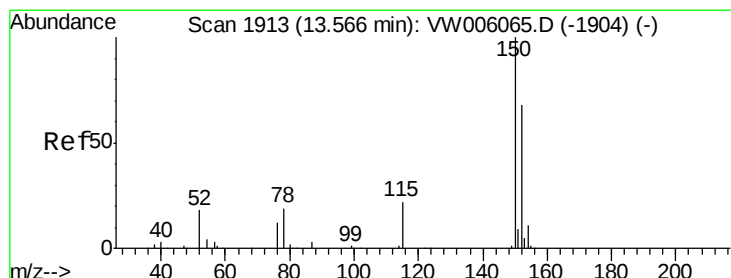
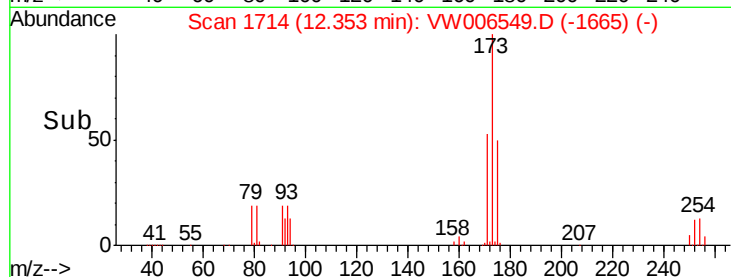
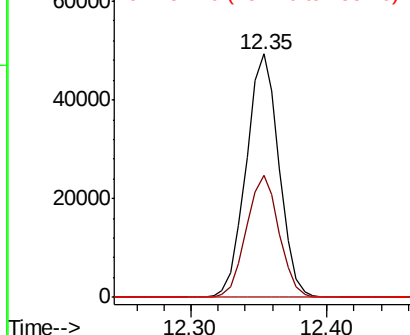
173 100

175 49.6 24.1 72.4

254 0.2 0.1 0.1#



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

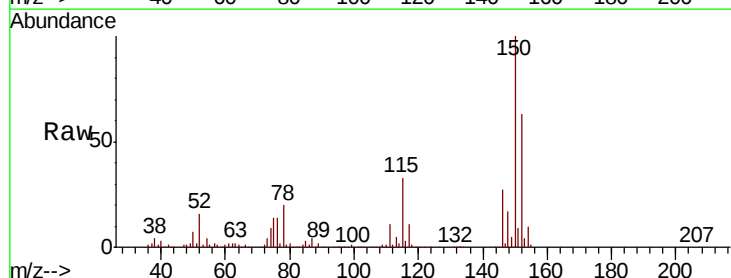
Tgt Ion:152 Resp: 222002

Ion Ratio Lower Upper

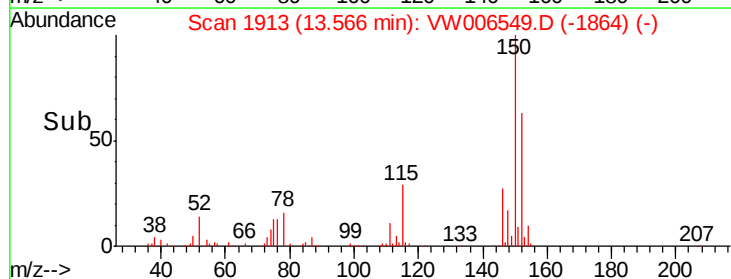
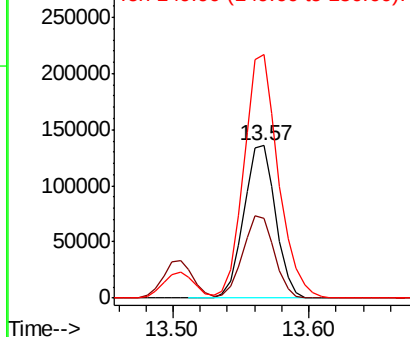
152 100

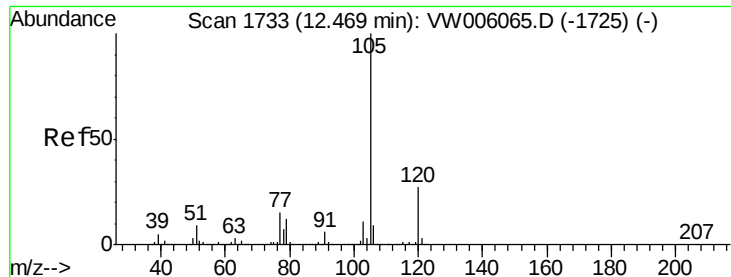
115 53.5 26.6 79.8

150 171.9 0.0 344.6



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: 49.694 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

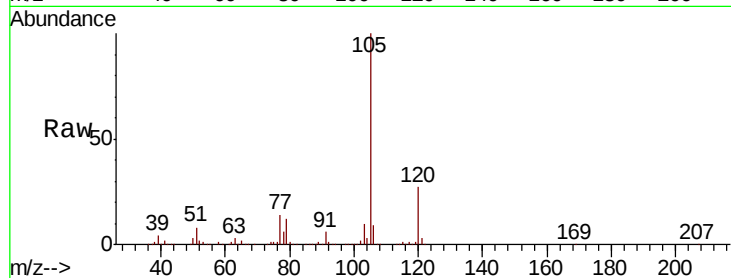
ICVW110218

Tgt Ion:105 Resp: 726749

Ion Ratio Lower Upper

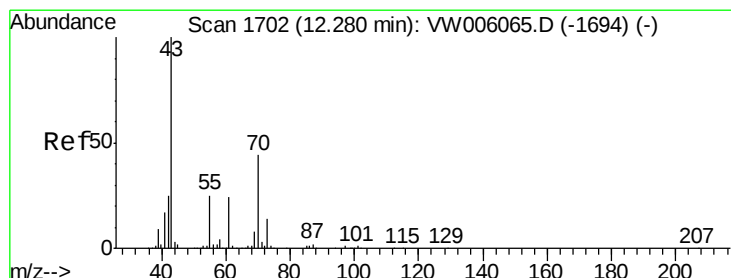
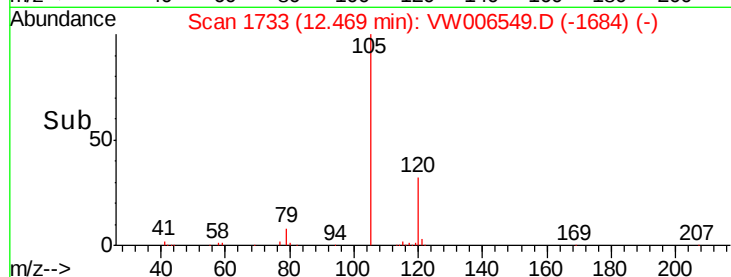
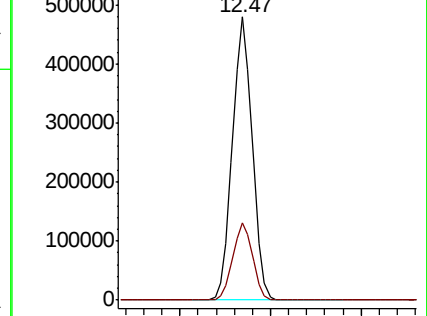
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.922 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Tgt Ion: 43 Resp: 136268

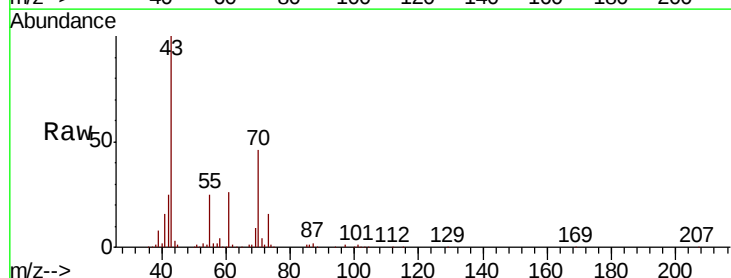
Ion Ratio Lower Upper

43 100

70 47.1 36.9 55.3

55 26.3 20.7 31.1

61 25.7 20.7 31.1

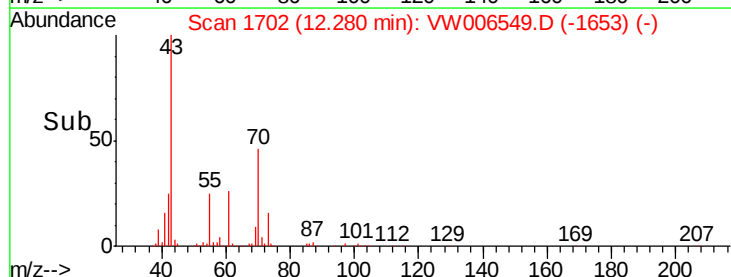
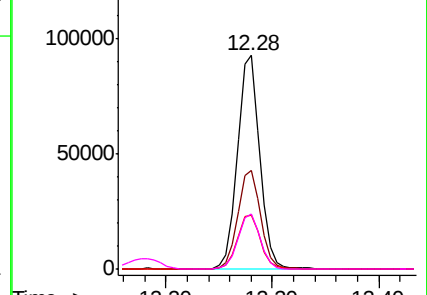


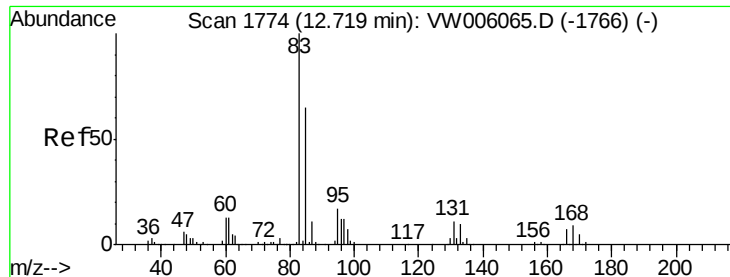
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 52.815 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110218

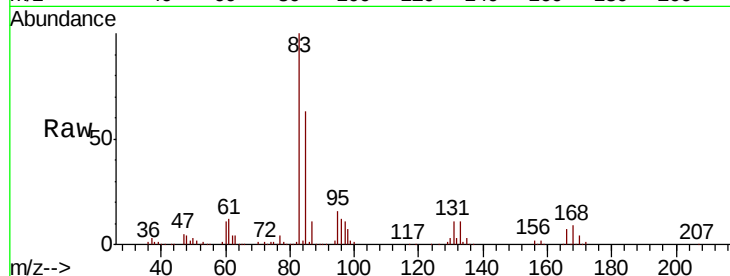
Tgt Ion: 83 Resp: 121992

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

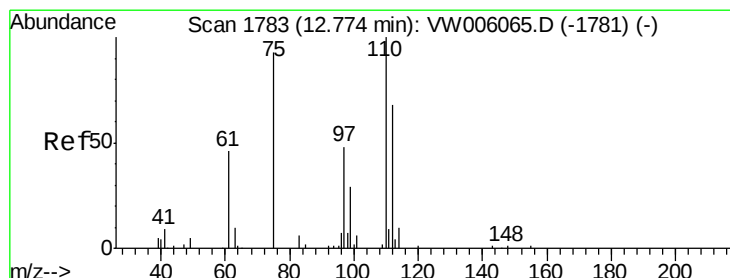
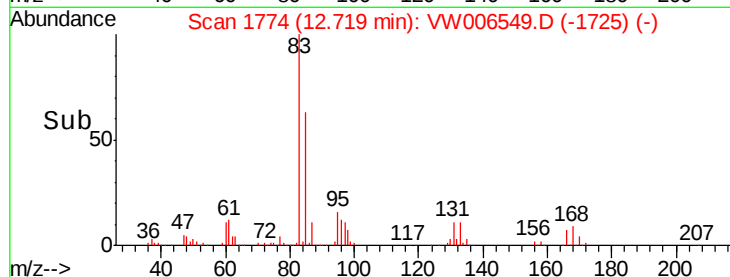
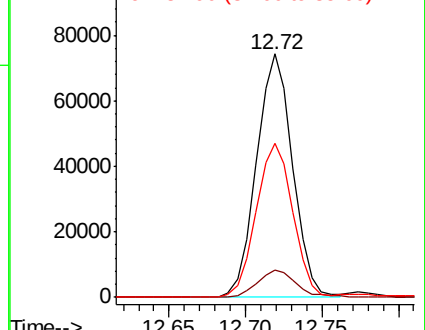
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 89.295 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006549.D

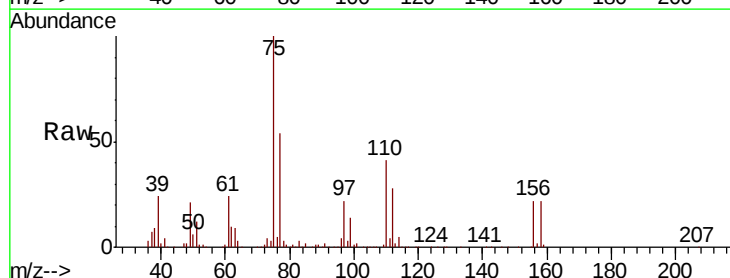
Acq: 01 Nov 2018 02:56

Tgt Ion: 75 Resp: 154670

Ion Ratio Lower Upper

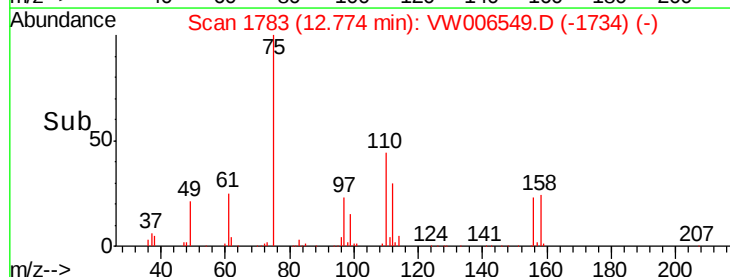
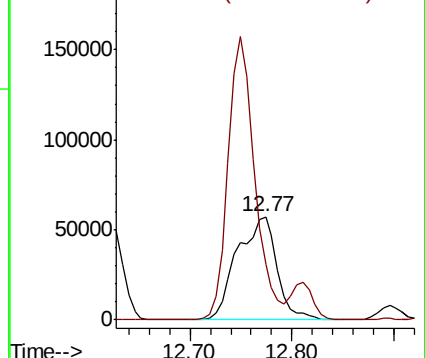
75 100

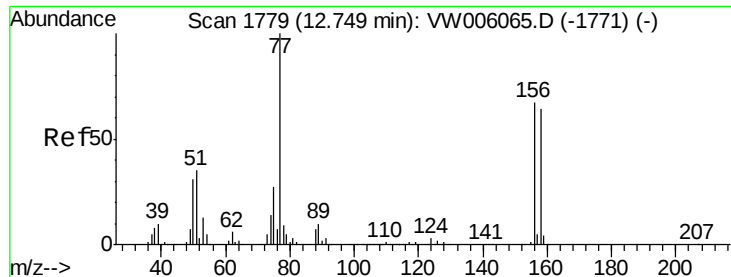
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.911 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVW110218

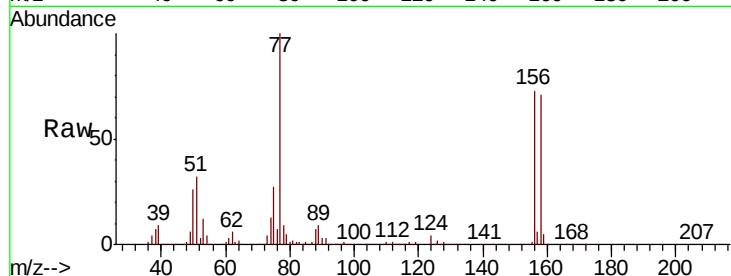
Tgt Ion:156 Resp: 185199

Ion Ratio Lower Upper

156 100

77 154.3 75.9 227.8

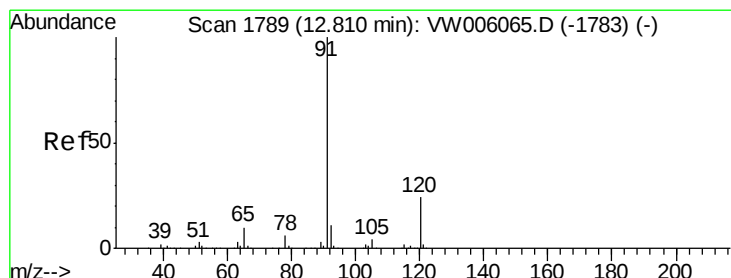
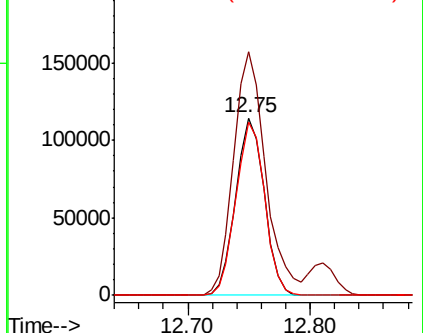
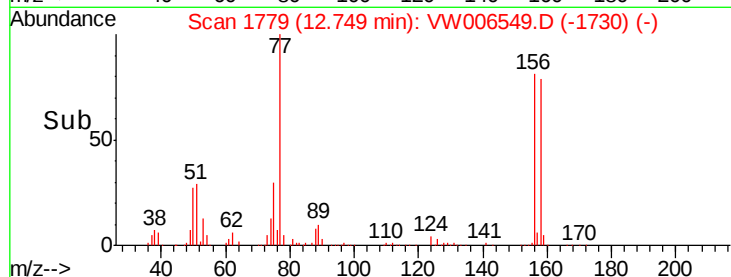
158 98.1 48.6 145.9



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: 49.721 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006549.D

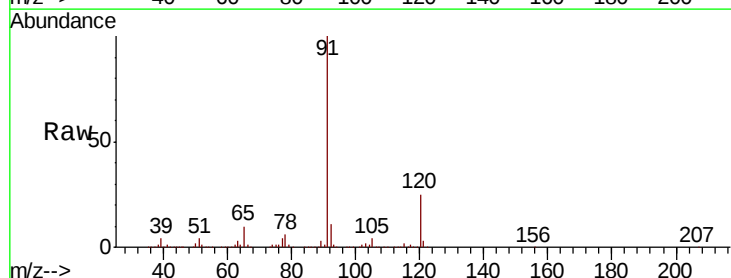
Acq: 01 Nov 2018 02:56

Tgt Ion: 91 Resp: 836366

Ion Ratio Lower Upper

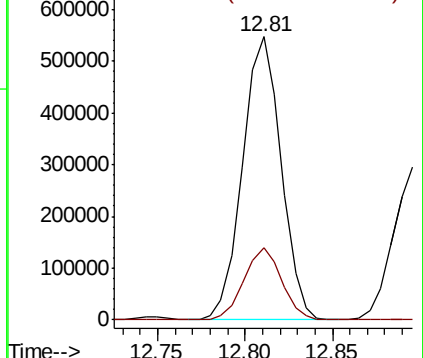
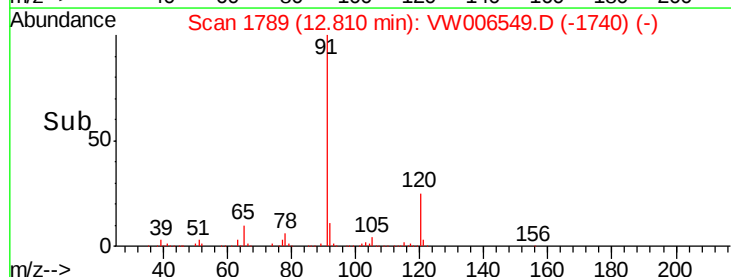
91 100

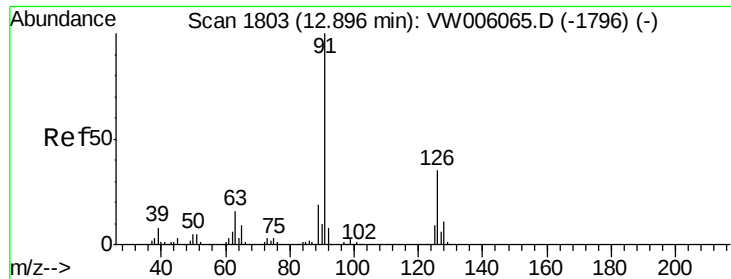
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.956 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

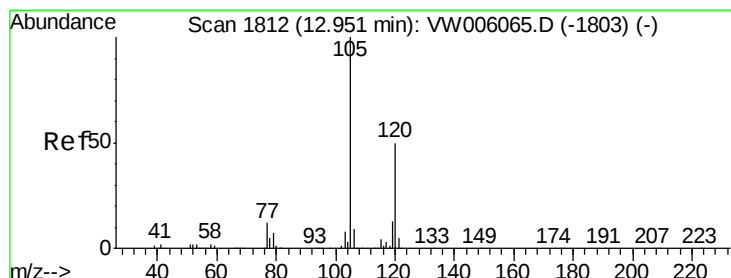
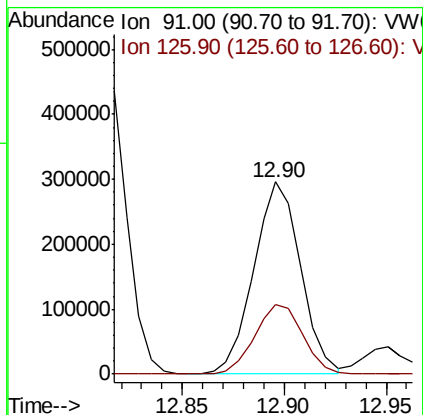
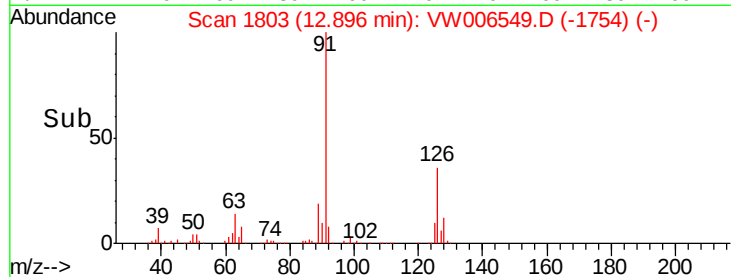
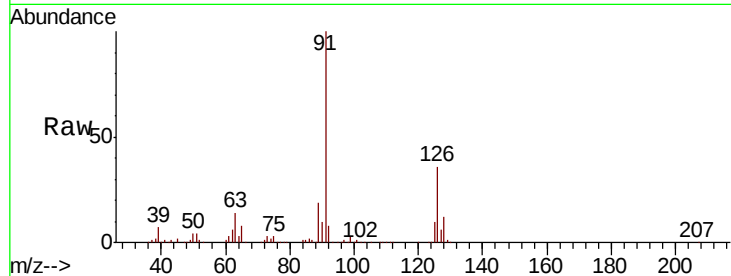
ICVWV110218

Tgt Ion: 91 Resp: 472612

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 49.717 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006549.D

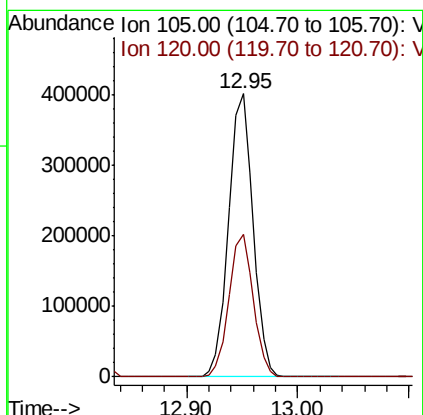
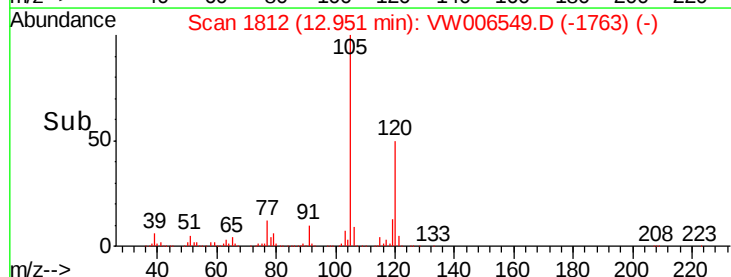
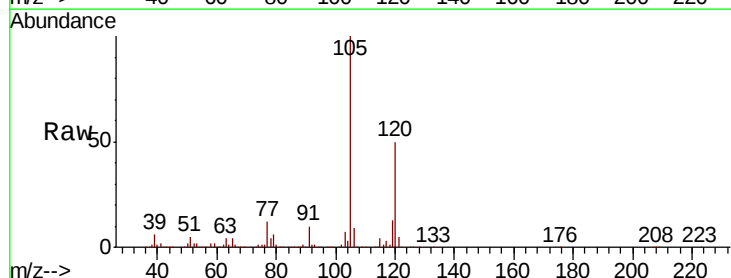
Acq: 01 Nov 2018 02:56

Tgt Ion: 105 Resp: 610836

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.557 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVW110218

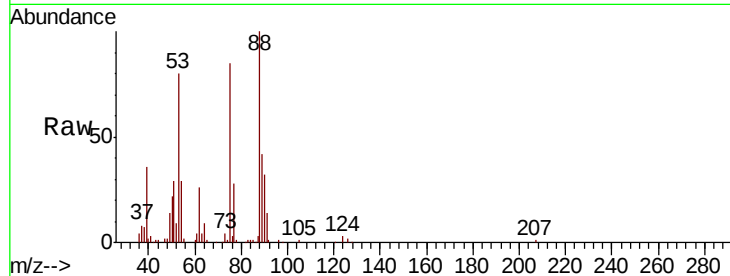
Tgt Ion: 75 Resp: 33129

Ion Ratio Lower Upper

75 100

53 96.7 77.2 115.8

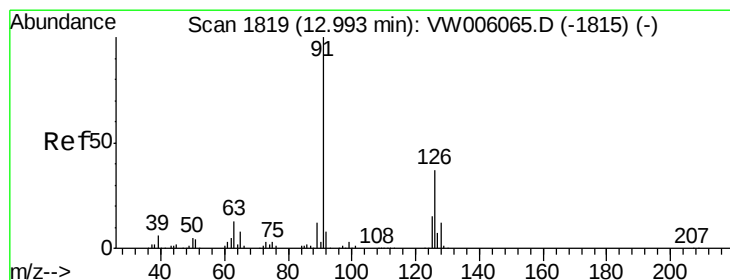
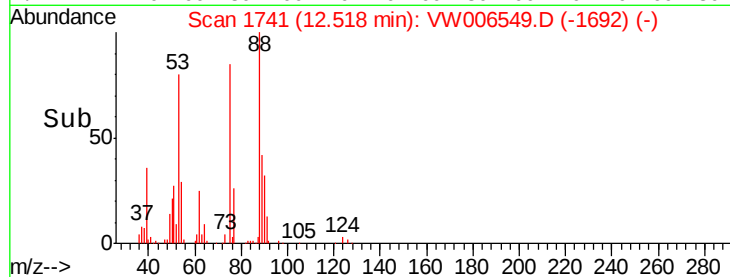
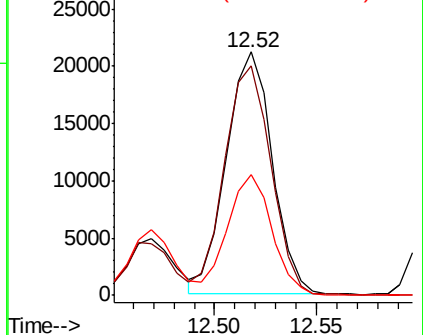
89 47.8 38.6 58.0



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: 49.036 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006549.D

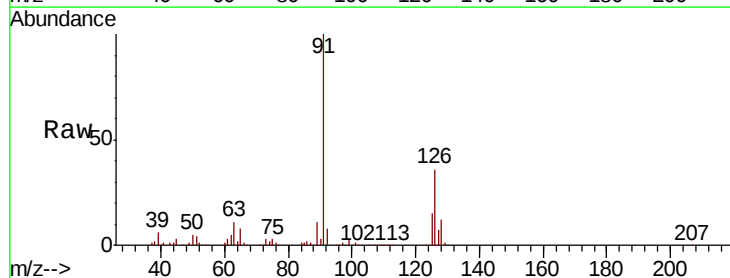
Acq: 01 Nov 2018 02:56

Tgt Ion: 91 Resp: 500818

Ion Ratio Lower Upper

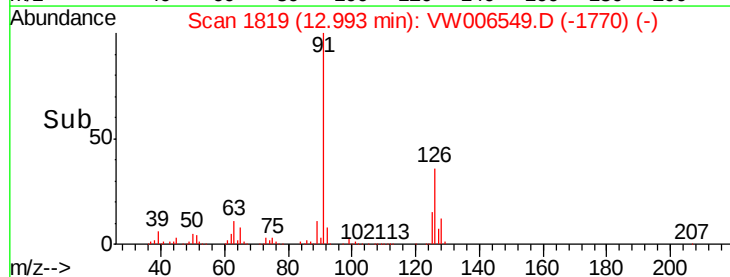
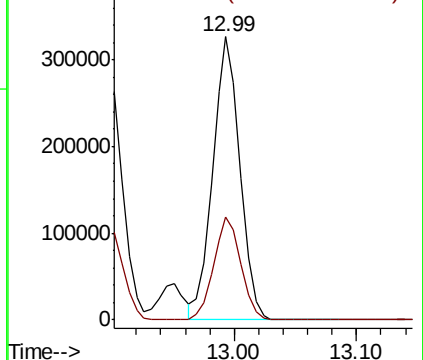
91 100

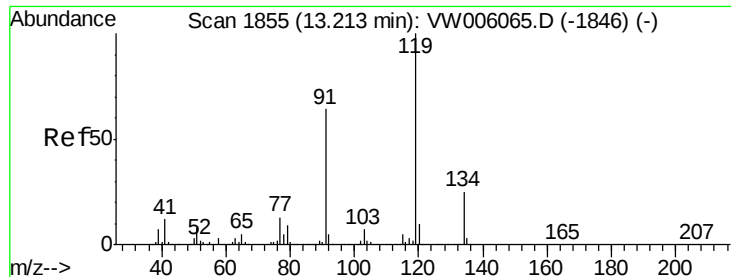
126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

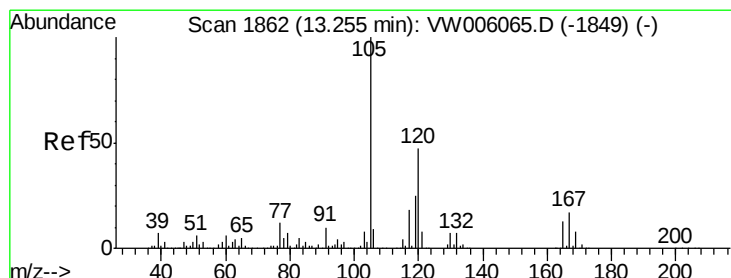
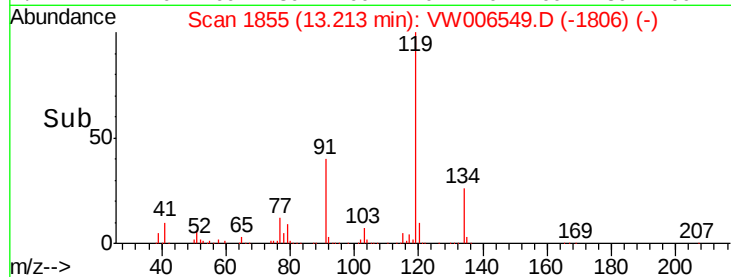
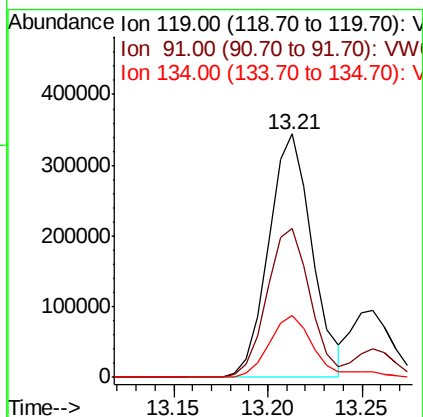
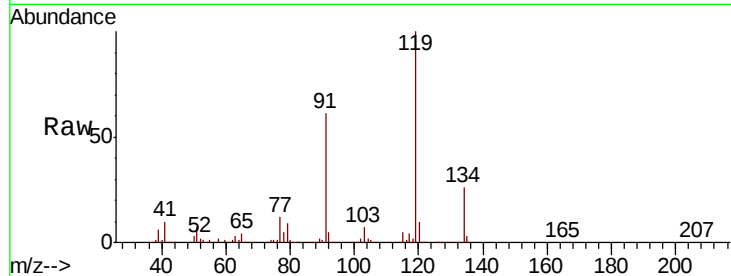




#83
tert-Butylbenzene
Concen: 50.056 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

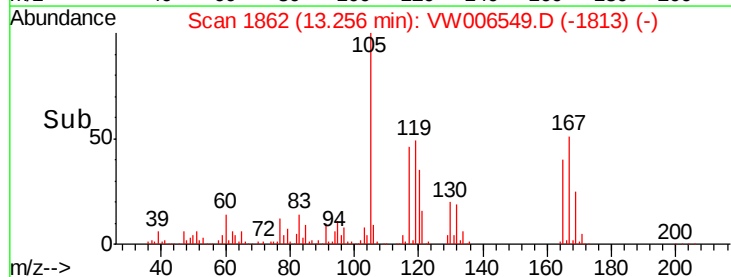
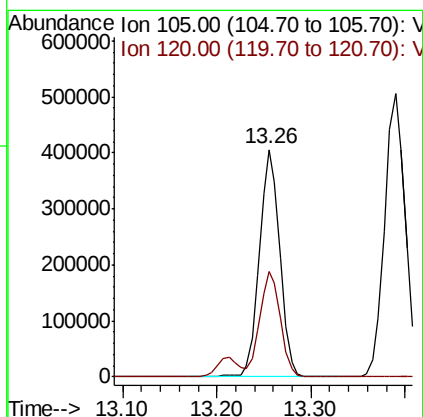
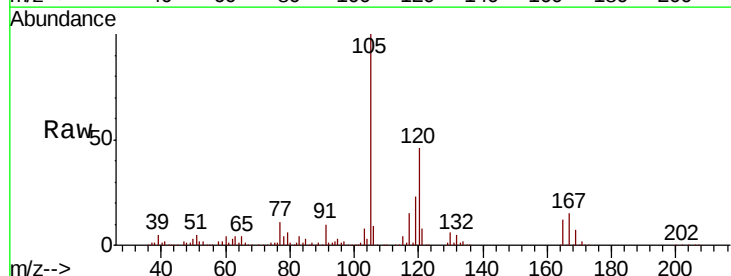
Instrument :
MSVOA_W
ClientSampleId :
ICVW110218

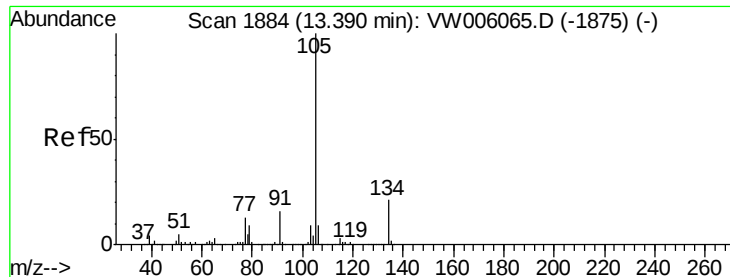
Tgt Ion:119 Resp: 548447
Ion Ratio Lower Upper
119 100
91 60.9 30.4 91.3
134 26.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 49.326 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion:105 Resp: 621618
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6

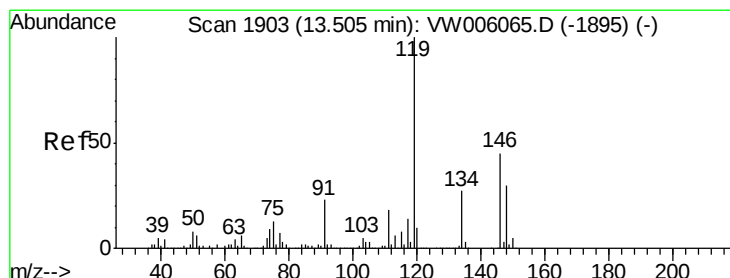
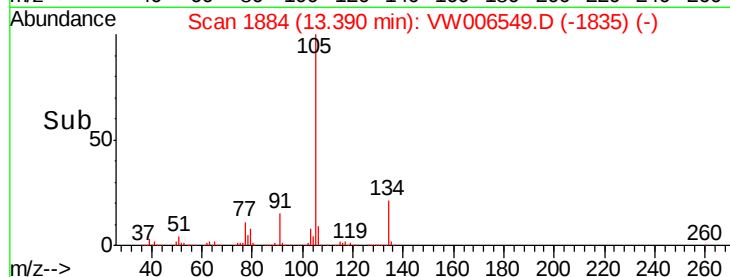
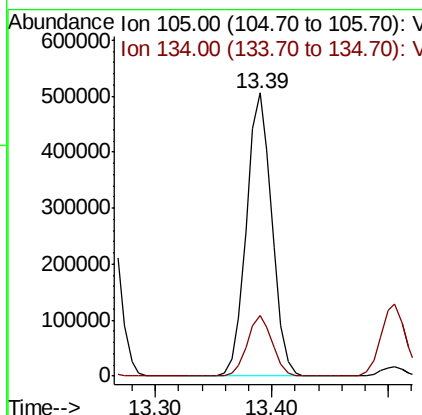
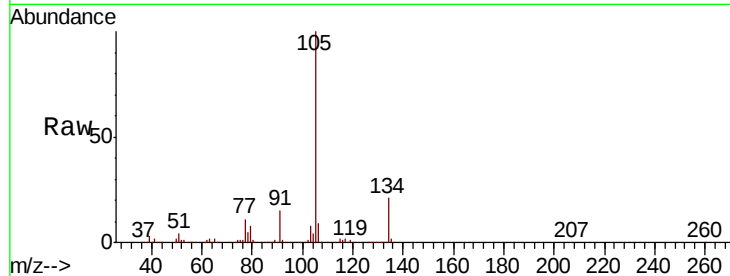




#85
 sec-Butylbenzene
 Concen: 50.157 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

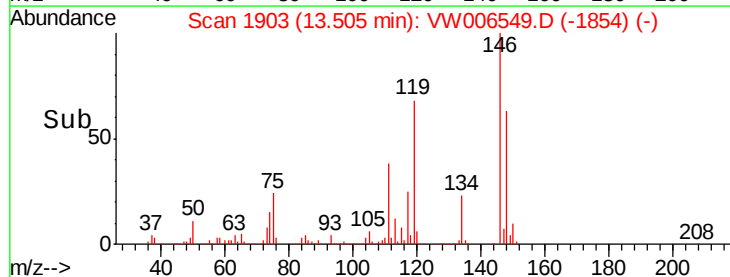
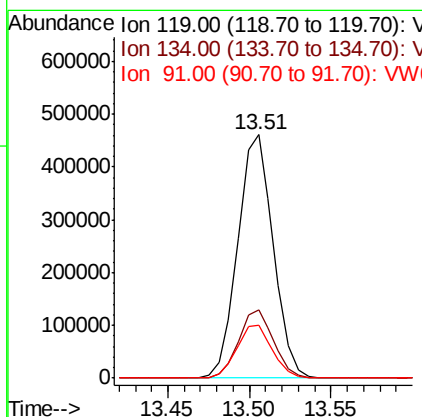
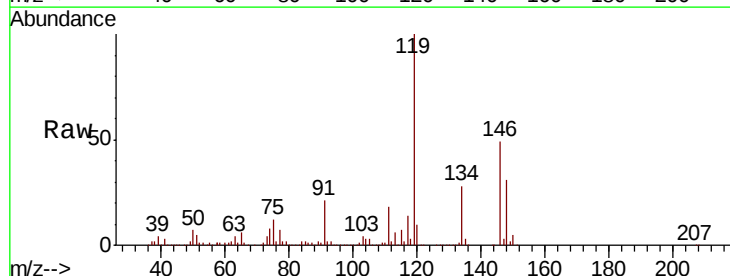
Instrument :
 MSVOA_W
 ClientSampled :
 ICVW110218

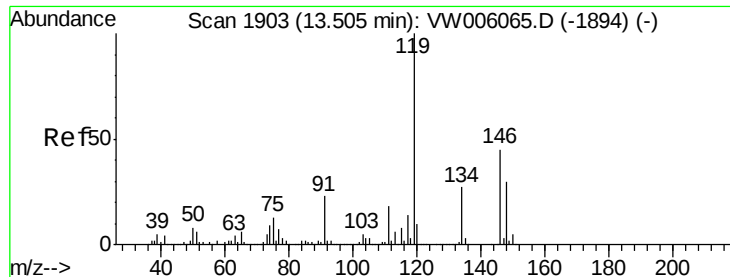
Tgt Ion:105 Resp: 769679
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 49.632 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion:119 Resp: 693017
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.6 40.7
 91 21.9 10.9 32.6

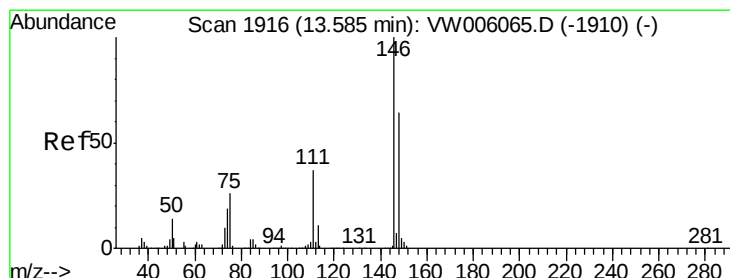
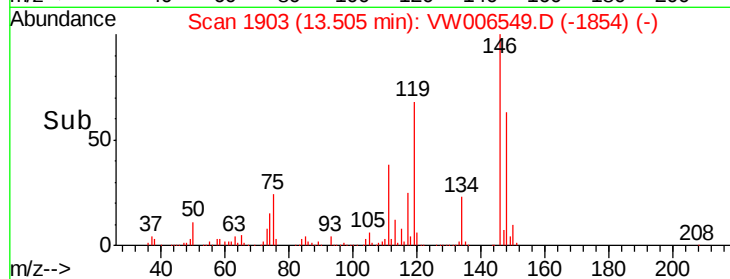
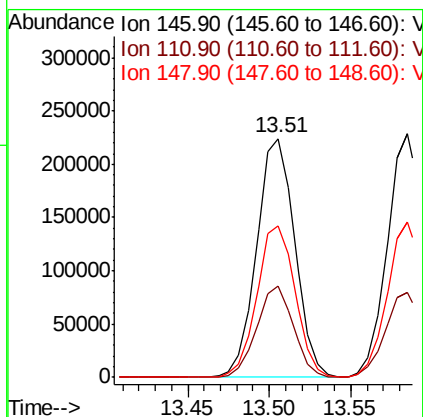
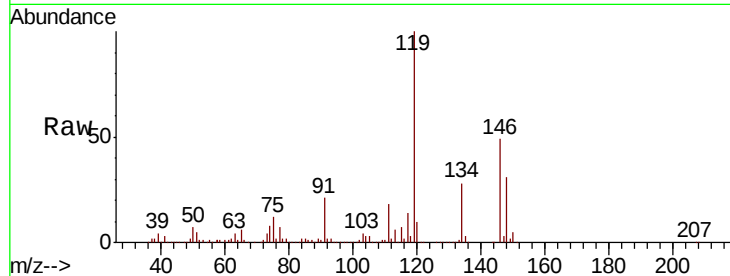




#87
 1,3-Dichlorobenzene
 Concen: 48.917 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

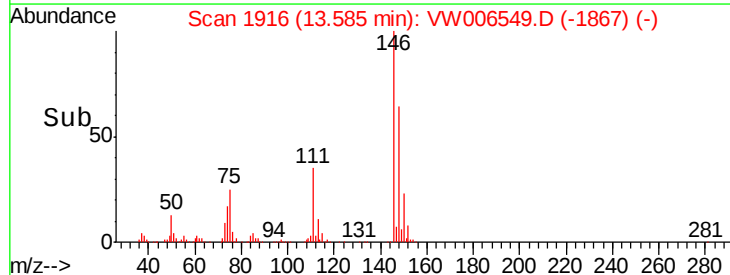
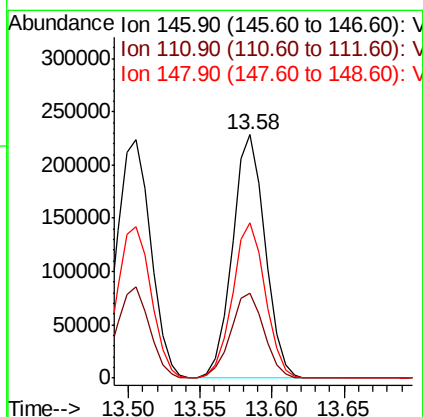
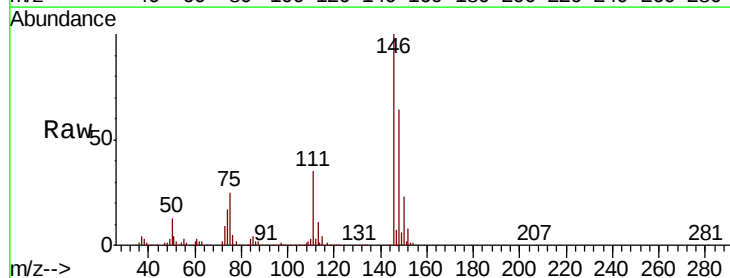
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

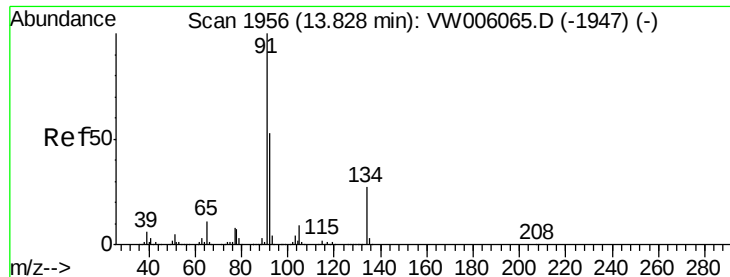
Tgt Ion:146 Resp: 364774
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.6
 148 63.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.832 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion:146 Resp: 360951
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.9 53.7
 148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 49.861 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA_W

ClientSampleId :

ICVW110218

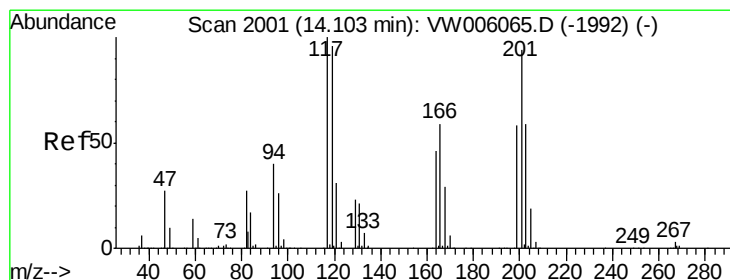
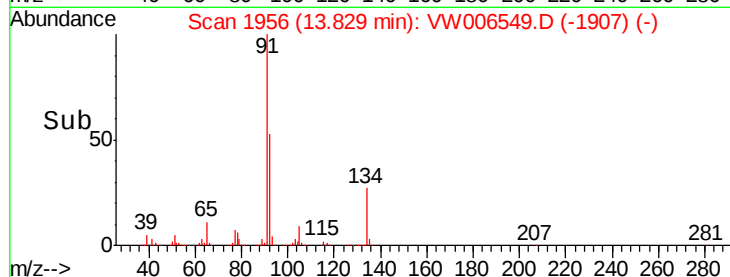
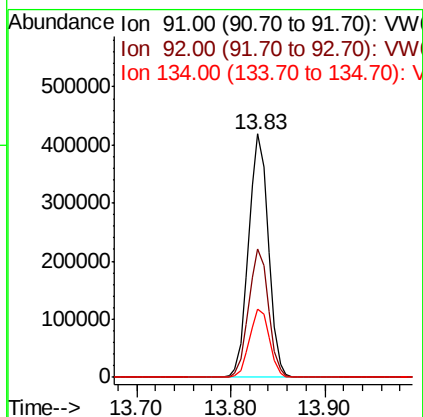
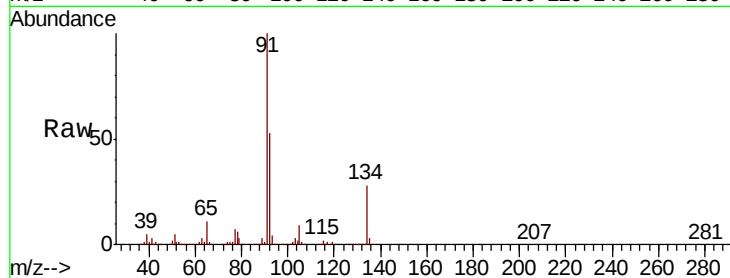
Tgt Ion: 91 Resp: 618023

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 28.5 14.3 42.9



#90

Hexachloroethane

Concen: 51.526 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006549.D

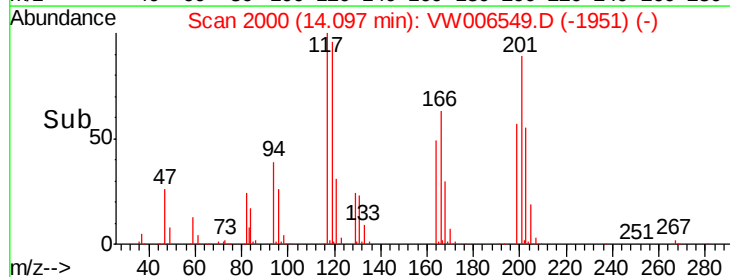
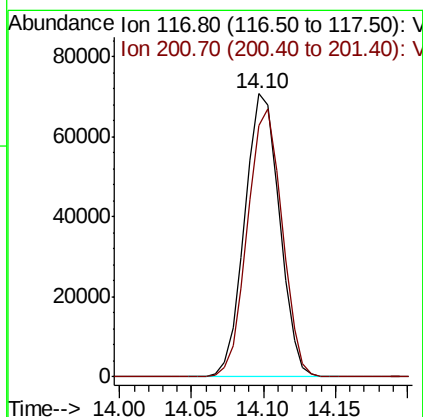
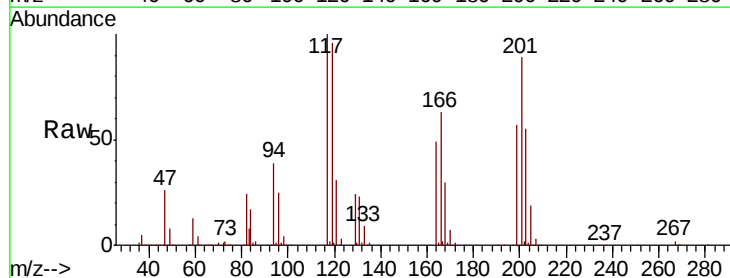
Acq: 01 Nov 2018 02:56

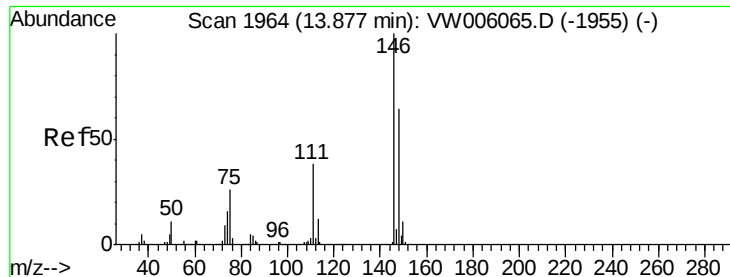
Tgt Ion: 117 Resp: 118246

Ion Ratio Lower Upper

117 100

201 94.1 46.8 140.3

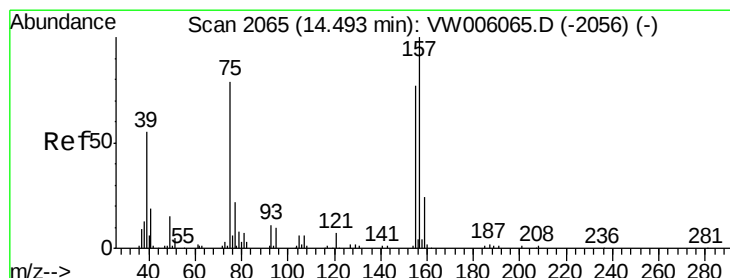
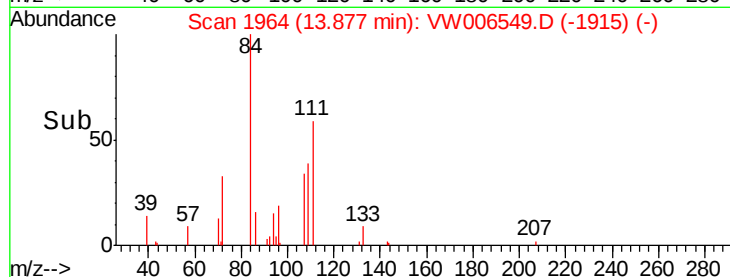
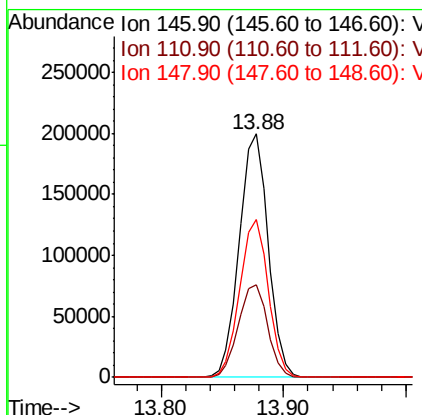
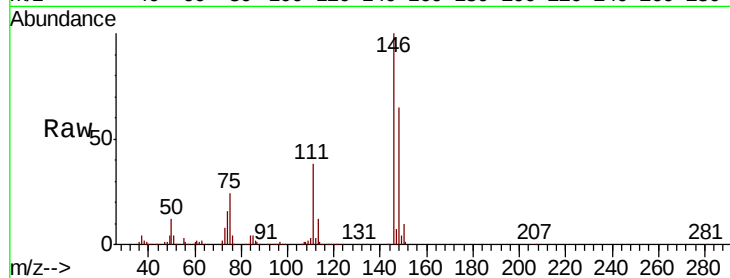




#91
 1,2-Dichlorobenzene
 Concen: 48.653 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

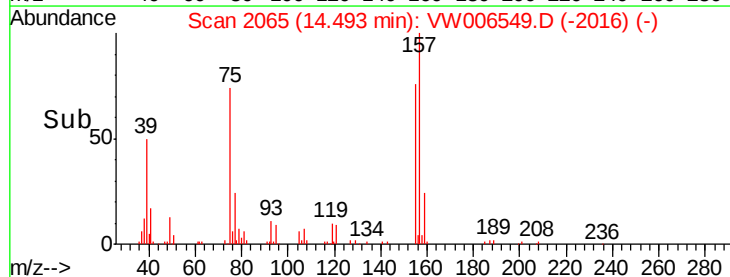
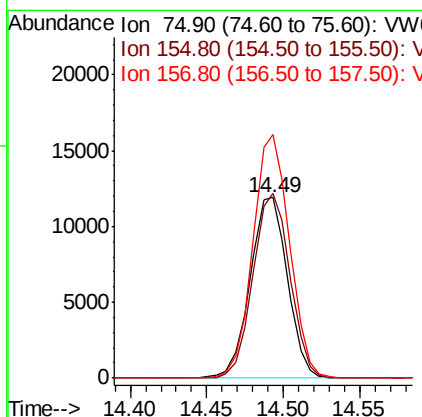
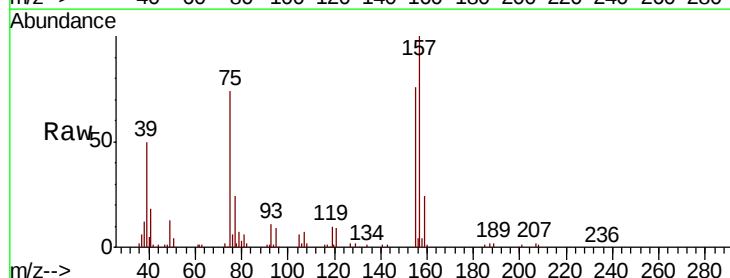
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

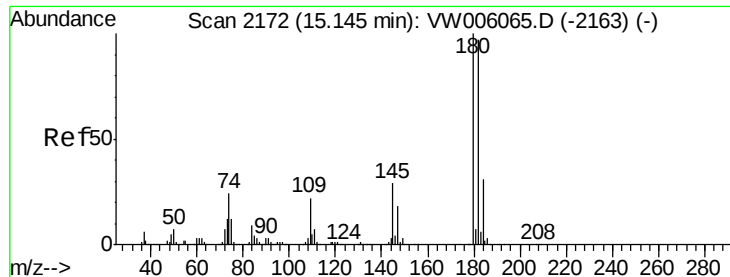
Tgt Ion:146 Resp: 326348
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 64.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.883 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion: 75 Resp: 20195
 Ion Ratio Lower Upper
 75 100
 155 101.3 50.6 151.8
 157 132.1 65.0 195.0

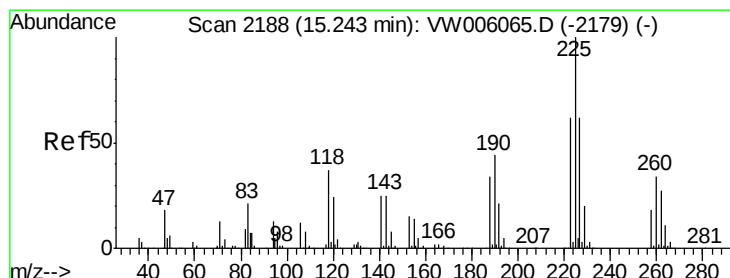
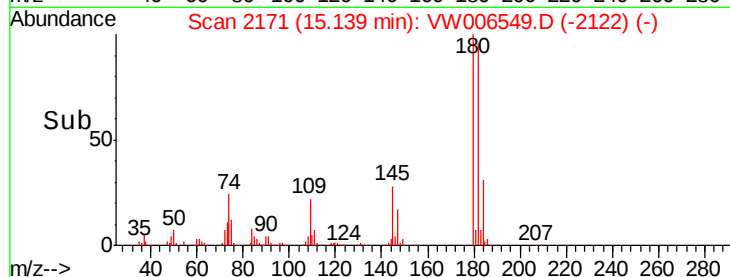
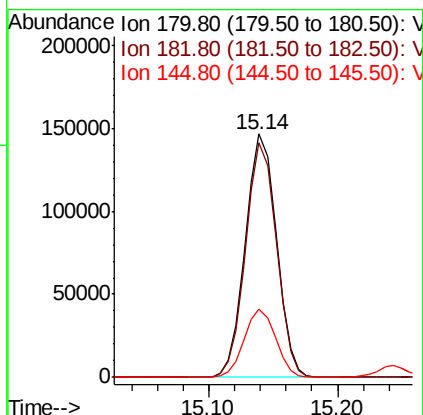
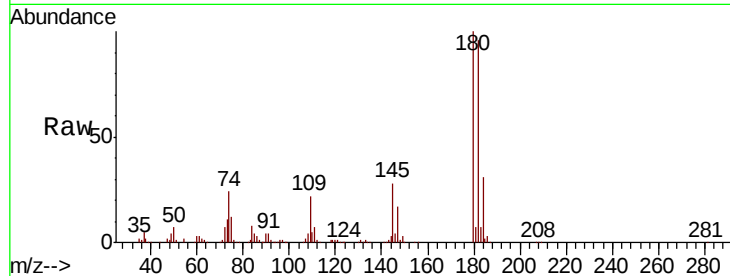




#93
 1,2,4-Trichlorobenzene
 Concen: 49.169 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

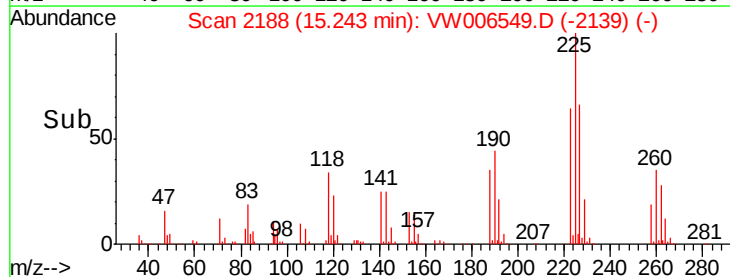
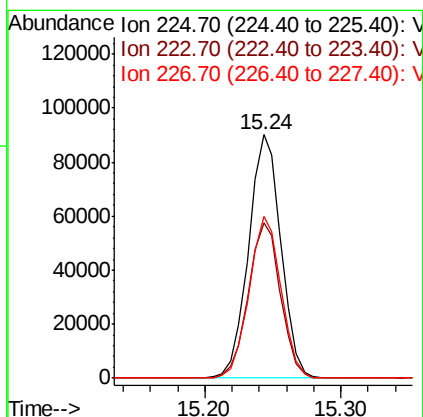
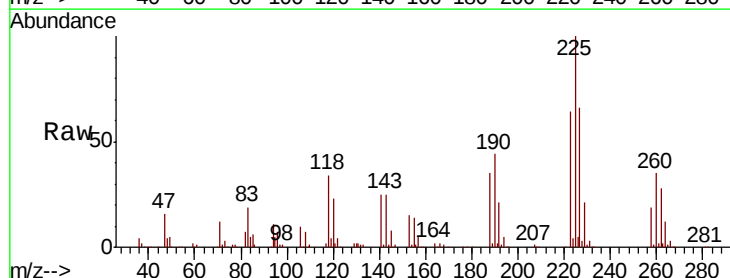
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

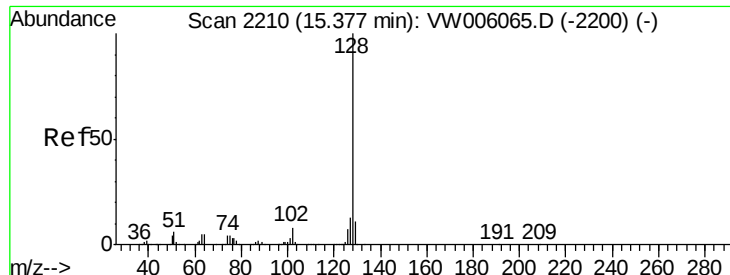
Tgt Ion:180 Resp: 245238
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.6
 145 28.1 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 48.229 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006549.D
 Acq: 01 Nov 2018 02:56

Tgt Ion:225 Resp: 149922
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.4 94.2
 227 65.5 32.2 96.6

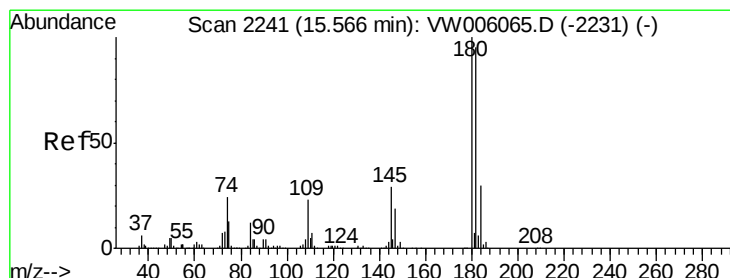
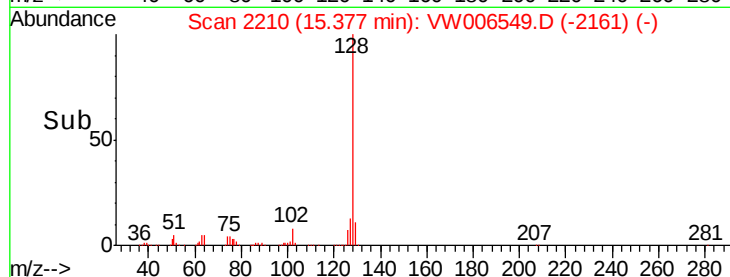
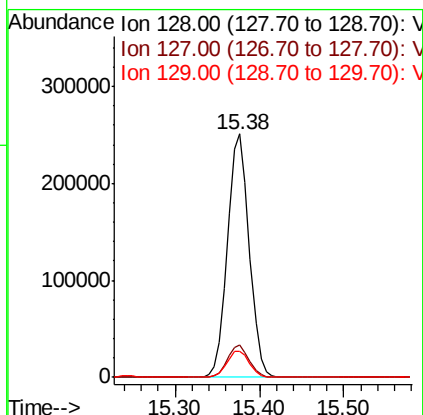
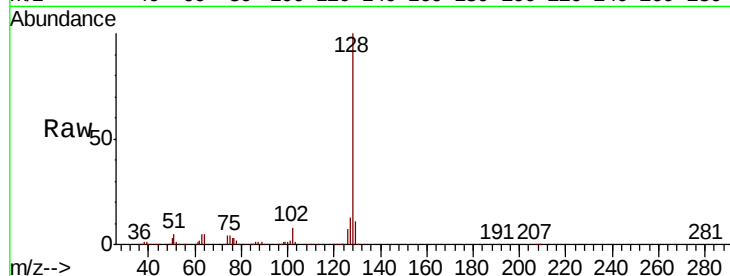




#95
Naphthalene
Concen: 55.007 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Instrument :
MSVOA_W
ClientSampleId :
ICVW110218

Tgt Ion:128 Resp: 440940
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.179 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006549.D
Acq: 01 Nov 2018 02:56

Tgt Ion:180 Resp: 219961
Ion Ratio Lower Upper
180 100
182 95.3 48.2 144.6
145 29.3 14.9 44.5

