

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008092.D
 Acq On : 08 Jan 2019 18:21
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

Quant Time: Jan 09 04:56:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	176924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78514	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	52835	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
35) Dibromofluoromethane	7.88	113	49054	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	10.32	98	203418	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.62	95	71420	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	43529	49.347	ug/l	100
3) Chloromethane	2.21	50	51530	45.028	ug/l	98
4) Vinyl Chloride	2.37	62	67020	44.871	ug/l	98
5) Bromomethane	2.79	94	48006	42.905	ug/l	99
6) Chloroethane	2.93	64	47933	42.648	ug/l	97
7) Trichlorofluoromethane	3.26	101	54238	44.667	ug/l	92
8) Diethyl Ether	3.68	74	33063	48.165	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57290	47.520	ug/l	94
10) Methyl Iodide	4.26	142	91620	52.144	ug/l	97
11) Tert butyl alcohol	5.24	59	19576	264.615	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	57412	48.505	ug/l	95
13) Acrolein	3.89	56	22755	281.553	ug/l	98
14) Allyl chloride	4.67	41	103216	48.029	ug/l	100
15) Acrylonitrile	5.38	53	64154	245.475	ug/l	99
16) Acetone	4.14	43	56157	257.847	ug/l	95
17) Carbon Disulfide	4.37	76	178417	48.253	ug/l	97
18) Methyl Acetate	4.68	43	40519	52.775	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	94058	48.880	ug/l	94
20) Methylene Chloride	4.91	84	59395	49.624	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	60657	47.157	ug/l	93
22) Diisopropyl ether	6.31	45	195934	47.806	ug/l	98
23) Vinyl Acetate	6.26	43	535237	248.653	ug/l	98
24) 1,1-Dichloroethane	6.21	63	110951	46.461	ug/l	99
25) 2-Butanone	7.18	43	80582	238.417	ug/l	99
26) 2,2-Dichloropropane	7.17	77	72018	44.508	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	65965	47.004	ug/l	97
28) Bromochloromethane	7.51	49	43958	46.538	ug/l	94
29) Tetrahydrofuran	7.53	42	55739	246.883	ug/l	99
30) Chloroform	7.68	83	105098	46.236	ug/l	96
31) Cyclohexane	7.96	56	110521	43.232	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	90902	45.960	ug/l	98
36) 1,1-Dichloropropene	8.08	75	88991	48.829	ug/l	98
37) Ethyl Acetate	7.26	43	39167	53.643	ug/l	98
38) Carbon Tetrachloride	8.07	117	81759	49.013	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	114844	49.697	ug/l	95
40) Benzene	8.32	78	247120	49.993	ug/l	98
41) Methacrylonitrile	7.48	41	25702	55.725	ug/l	90
42) 1,2-Dichloroethane	8.40	62	67980	48.897	ug/l	99
43) Isopropyl Acetate	8.43	43	77440	53.047	ug/l	99
44) Trichloroethene	9.09	130	65355	51.649	ug/l	95
45) 1,2-Dichloropropane	9.37	63	62645	51.110	ug/l	99
46) Dibromomethane	9.46	93	29768	49.454	ug/l	92
47) Bromodichloromethane	9.65	83	77423	50.655	ug/l	99
48) Methyl methacrylate	9.44	41	38107	55.321	ug/l	97
49) 1,4-Dioxane	9.48	88	9546	986.128	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	185464	262.457	ug/l	100
52) Toluene	10.39	92	157003	49.734	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82751	52.049	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	97034	51.469	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	43904	51.950	ug/l	98
56) Ethyl methacrylate	10.65	69	57896	55.318	ug/l	99
57) 1,3-Dichloropropane	10.93	76	77796	50.334	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	131334	242.929	ug/l	98
59) 2-Hexanone	10.97	43	125146	261.885	ug/l	99
60) Dibromochloromethane	11.13	129	50681	54.611	ug/l	99
61) 1,2-Dibromoethane	11.24	107	42329	52.785	ug/l	98
64) Tetrachloroethene	10.87	164	54229	52.246	ug/l	93
65) Chlorobenzene	11.66	112	168167	49.769	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	56676	51.570	ug/l	99
67) Ethyl Benzene	11.73	91	302993	49.008	ug/l	99
68) m/p-Xylenes	11.84	106	233613	98.997	ug/l	97
69) o-Xylene	12.17	106	109973	50.325	ug/l	96
70) Styrene	12.18	104	178146	52.046	ug/l	99
71) Bromoform	12.35	173	28508	57.959	ug/l #	98
73) Isopropylbenzene	12.47	105	296622	48.121	ug/l	100
74) N-amyl acetate	12.27	43	72538	53.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49630	50.302	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	66941	93.527	ug/l	24
77) Bromobenzene	12.75	156	65749	50.481	ug/l	93
78) n-propylbenzene	12.81	91	359321	47.575	ug/l	99
79) 2-Chlorotoluene	12.90	91	198850	47.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	244814	48.331	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16182	52.649	ug/l	95
82) 4-Chlorotoluene	12.99	91	210043	47.329	ug/l	99
83) tert-Butylbenzene	13.21	119	219865	49.063	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	247339	47.344	ug/l	98
85) sec-Butylbenzene	13.39	105	310906	47.362	ug/l	99
86) p-Isopropyltoluene	13.51	119	271440	47.884	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	130767	49.494	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	131915	49.764	ug/l	99
89) n-Butylbenzene	13.83	91	265481	47.818	ug/l	99
90) Hexachloroethane	14.10	117	47287	49.387	ug/l	89
91) 1,2-Dichlorobenzene	13.87	146	115167	49.599	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8445	53.186	ug/l	97

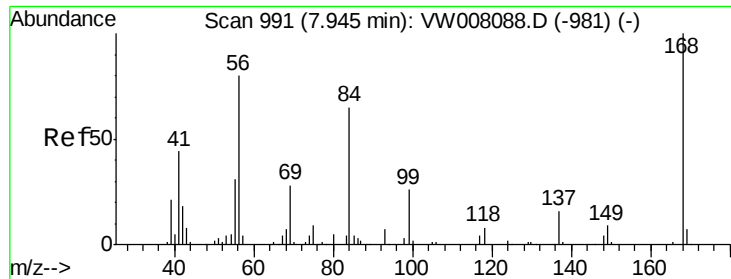
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82154	53.291	ug/l	97
94) Hexachlorobutadiene	15.24	225	44767	54.255	ug/l	100
95) Naphthalene	15.37	128	153481	53.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70658	53.766	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

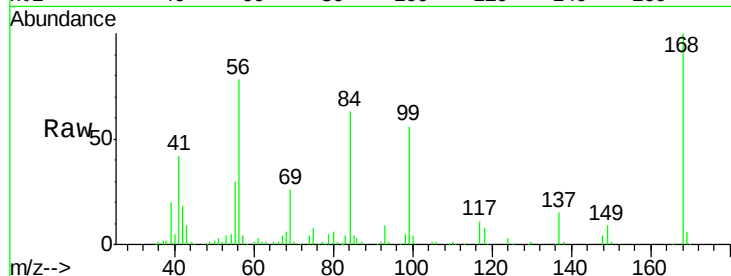
ICVW010819

Tot Ion:168 Resp: 108084

Ion Ratio Lower Upper

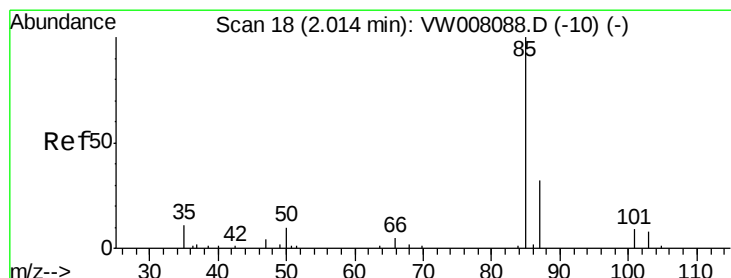
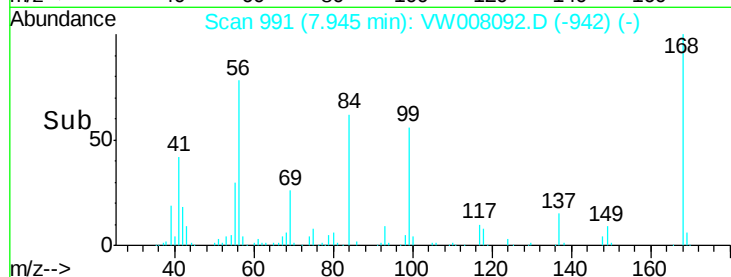
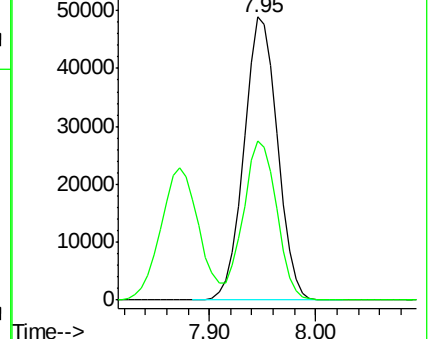
168 100

99 56.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.347 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008092.D

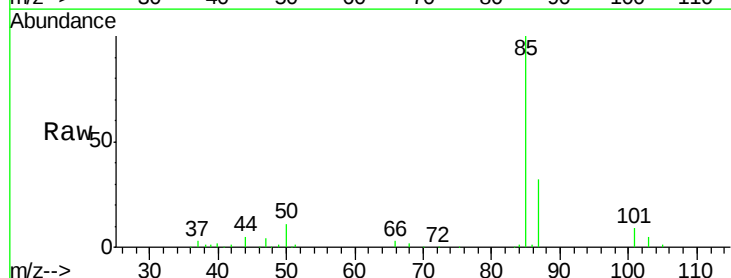
Acq: 08 Jan 2019 18:21

Tgt Ion: 85 Resp: 43529

Ion Ratio Lower Upper

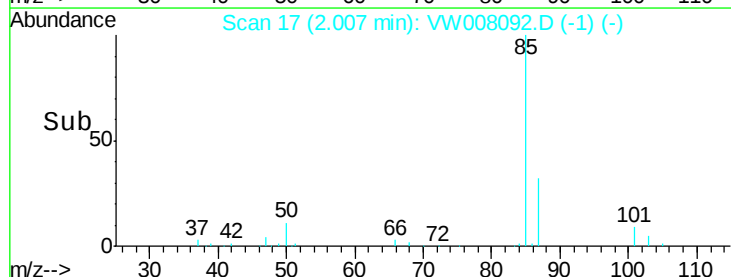
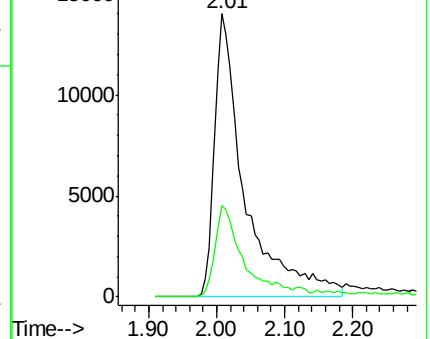
85 100

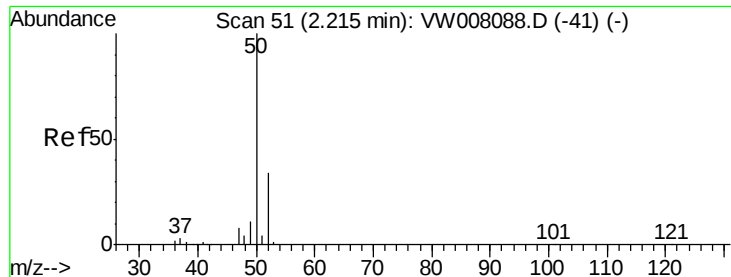
87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.028 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

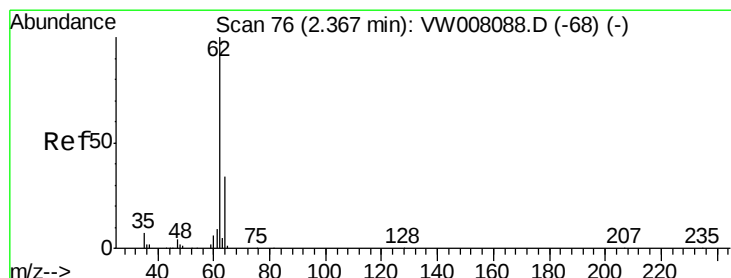
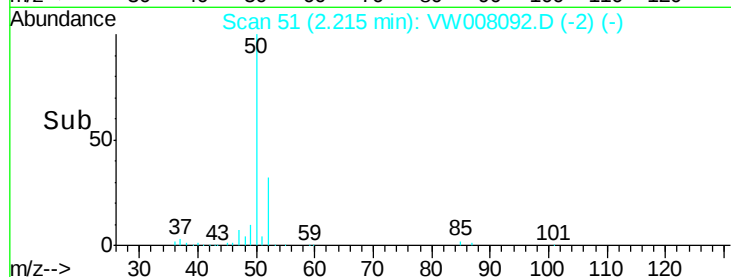
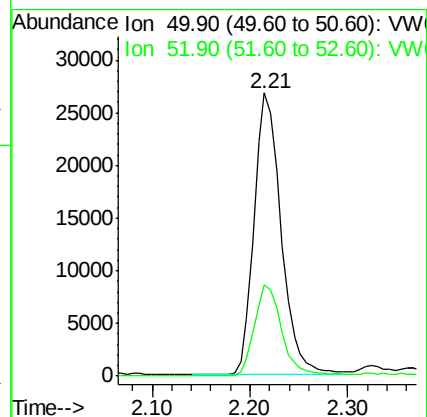
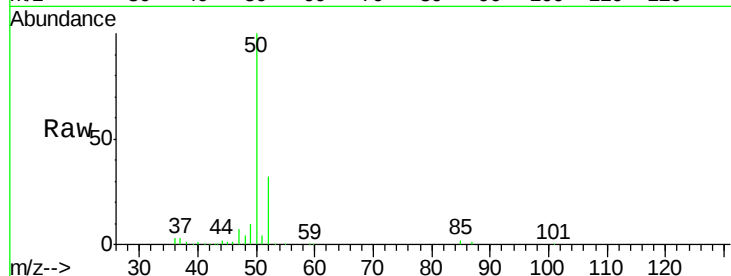
ICVW010819

Tot Ion: 50 Resp: 51530

Ion Ratio Lower Upper

50 100

52 32.6 26.8 40.2



#4

Vinyl Chloride

Concen: 44.871 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008092.D

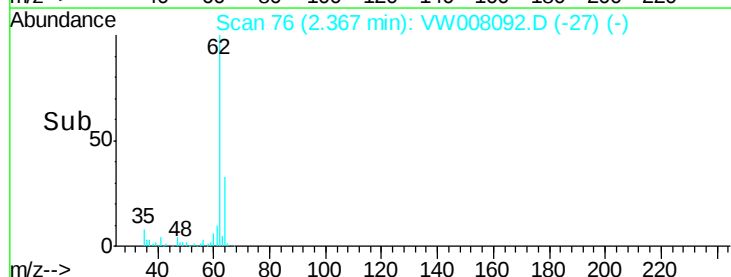
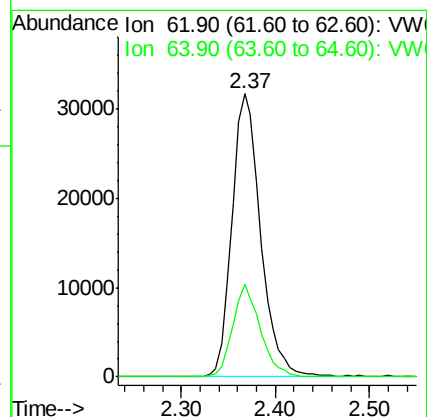
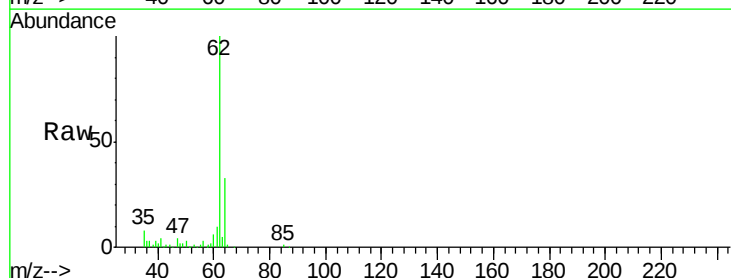
Acq: 08 Jan 2019 18:21

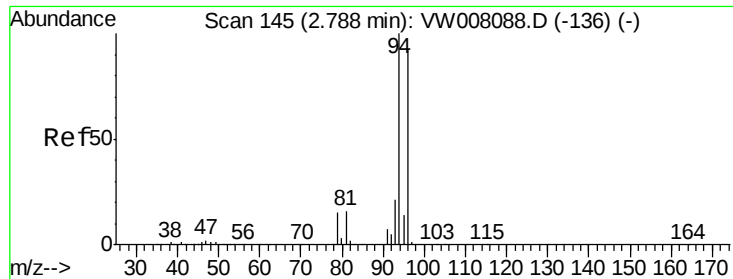
Tgt Ion: 62 Resp: 67020

Ion Ratio Lower Upper

62 100

64 32.6 27.0 40.6





#5

Bromomethane

Concen: 42.905 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

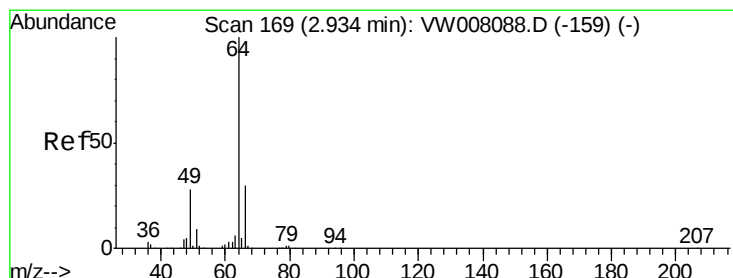
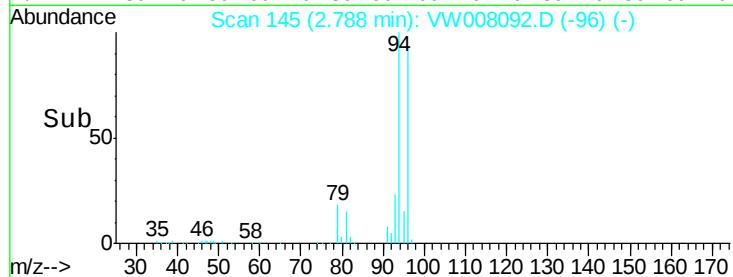
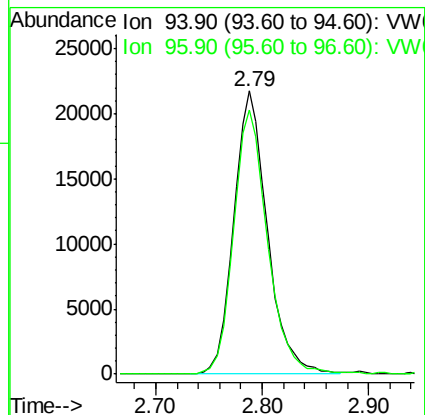
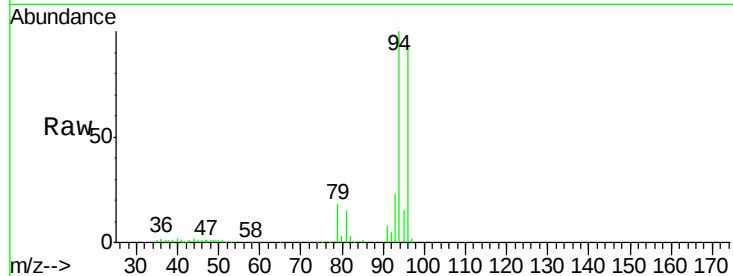
ICVW010819

Tot Ion: 94 Resp: 48006

Ion Ratio Lower Upper

94 100

96 93.2 74.1 111.1



#6

Chloroethane

Concen: 42.648 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008092.D

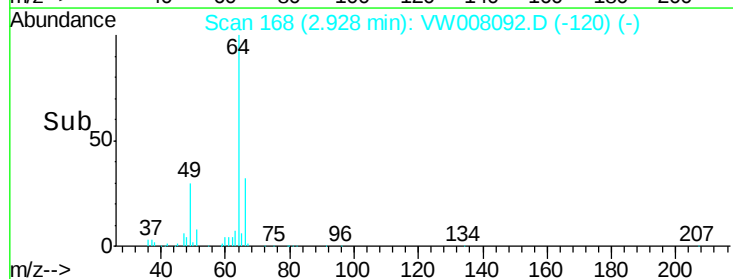
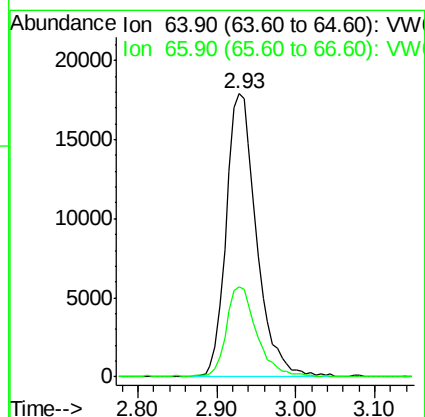
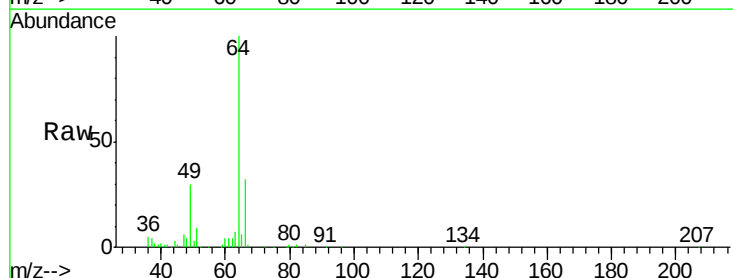
Acq: 08 Jan 2019 18:21

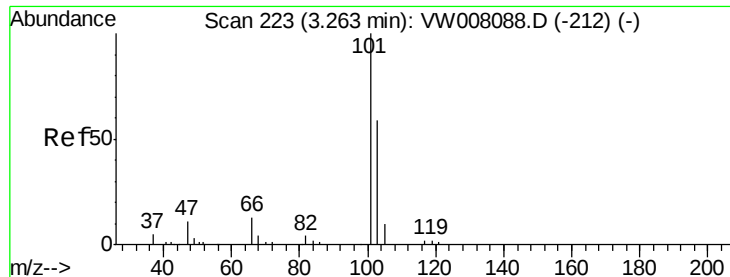
Tgt Ion: 64 Resp: 47933

Ion Ratio Lower Upper

64 100

66 32.0 24.2 36.2



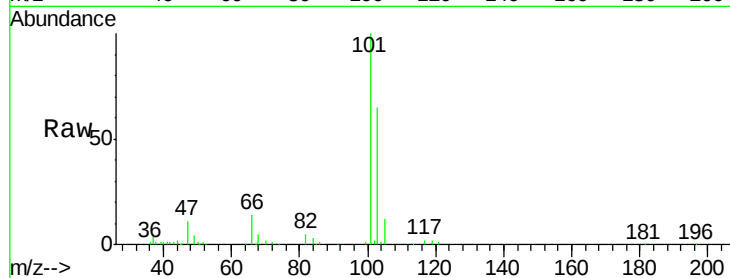


#7

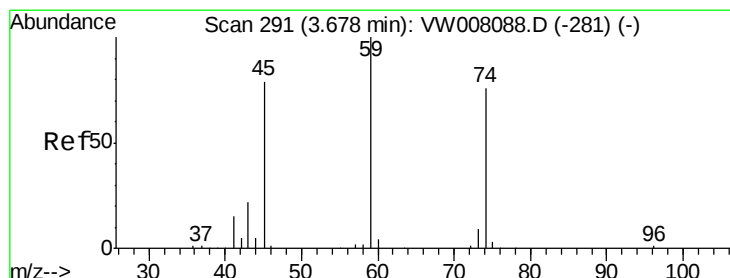
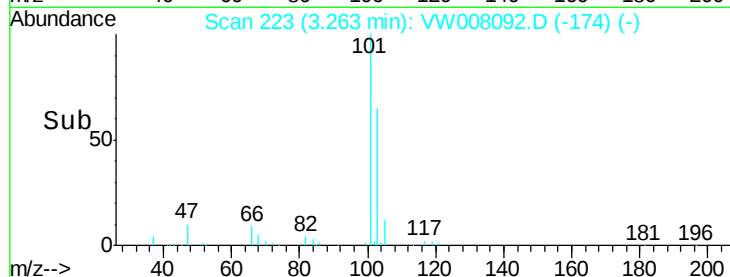
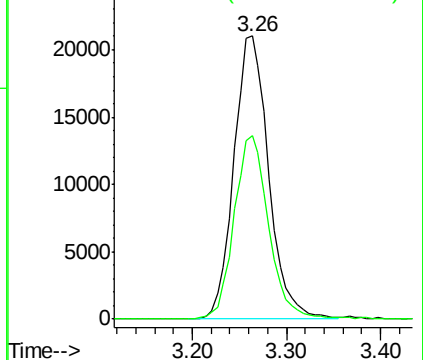
Trichlorofluoromethane
 Concen: 44.667 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW008092.D
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Tot Ion:101 Resp: 54238
 Ion Ratio Lower Upper
 101 100
 103 64.7 47.0 70.6



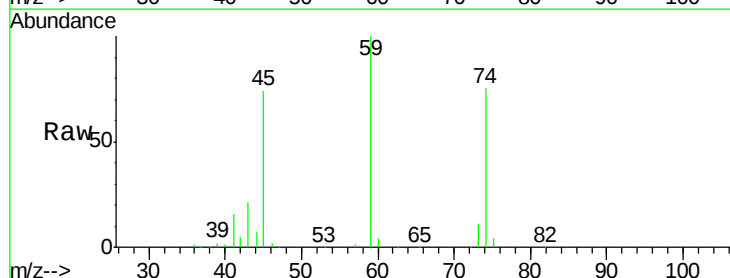
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



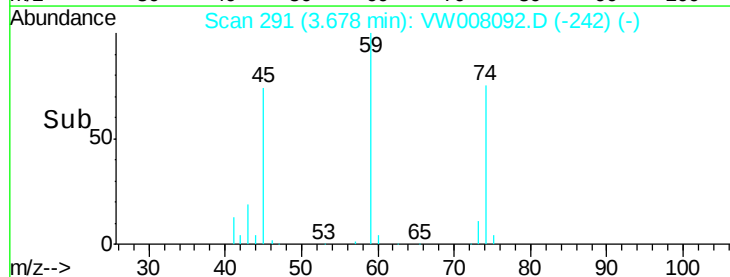
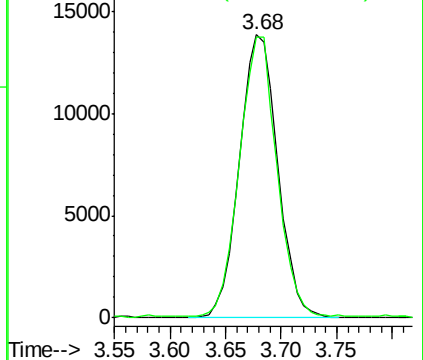
#8

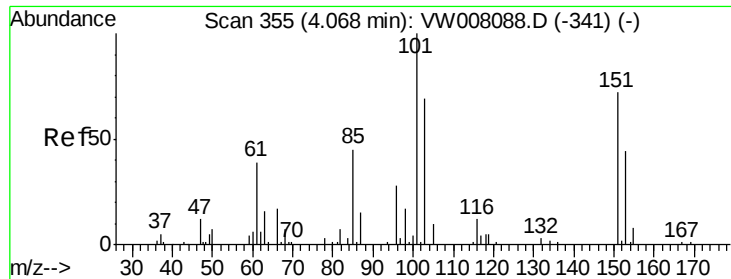
Diethyl Ether
 Concen: 48.165 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion: 74 Resp: 33063
 Ion Ratio Lower Upper
 74 100
 45 96.2 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.520 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

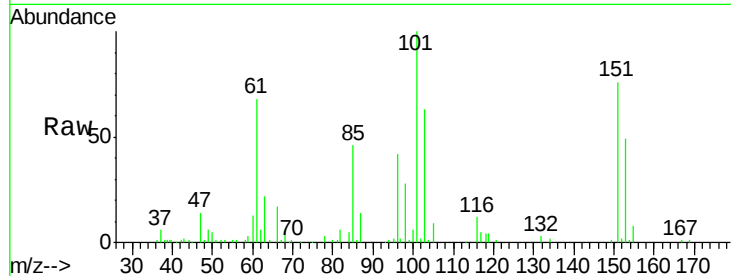
Tot Ion:101 Resp: 57290

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

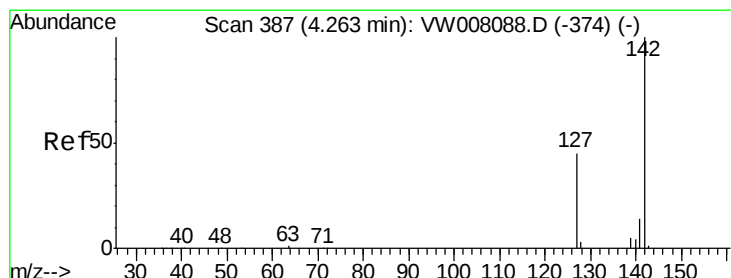
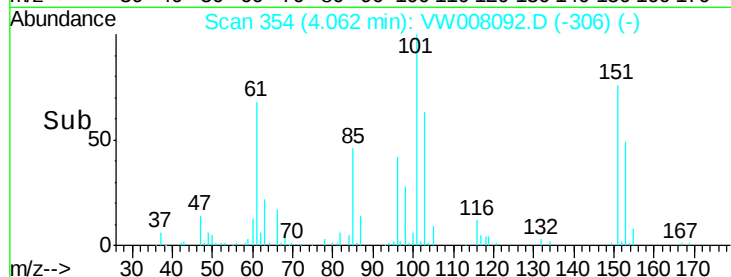
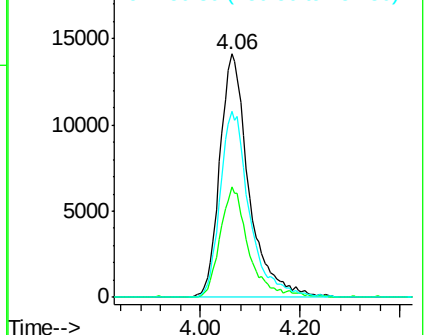
151 77.0 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.144 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

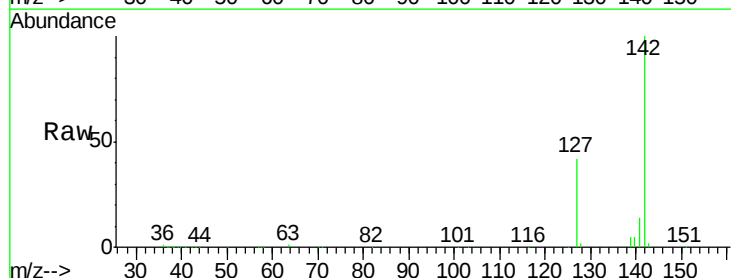
Tgt Ion:142 Resp: 91620

Ion Ratio Lower Upper

142 100

127 41.3 35.0 52.4

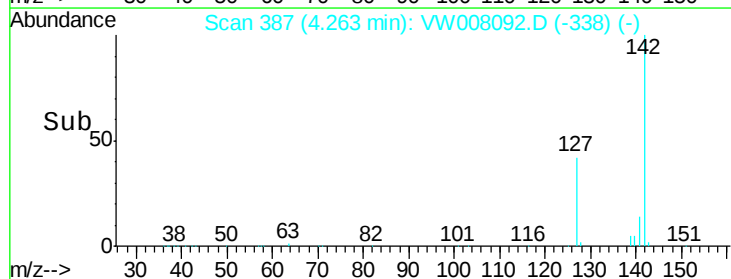
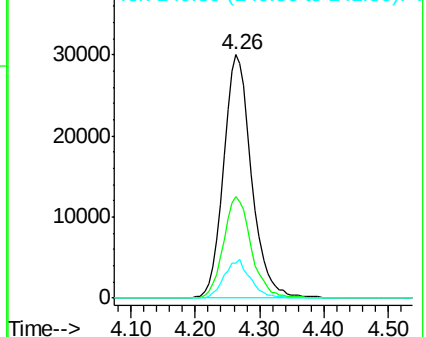
141 14.9 11.8 17.6

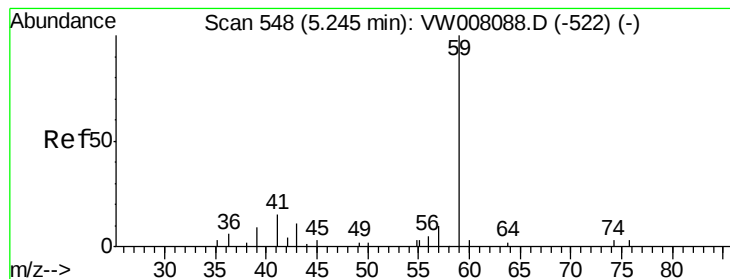


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



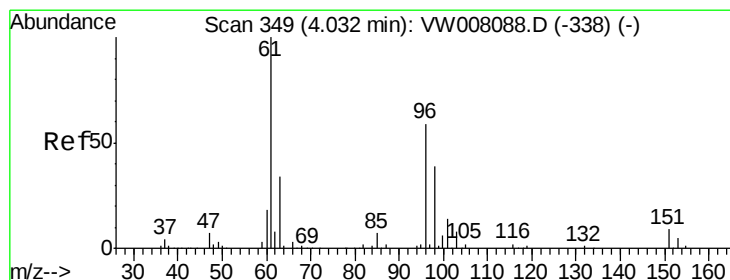
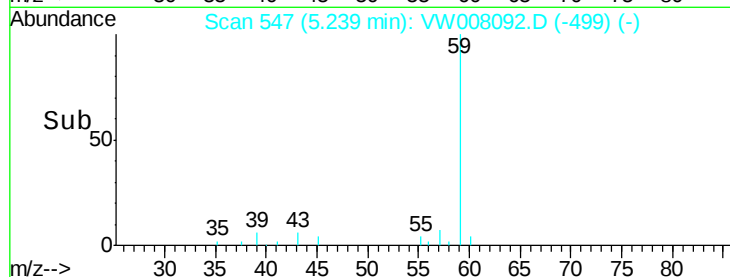
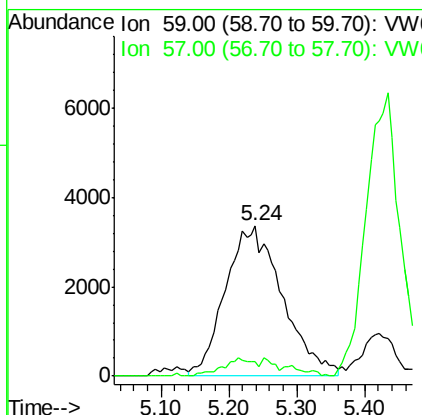
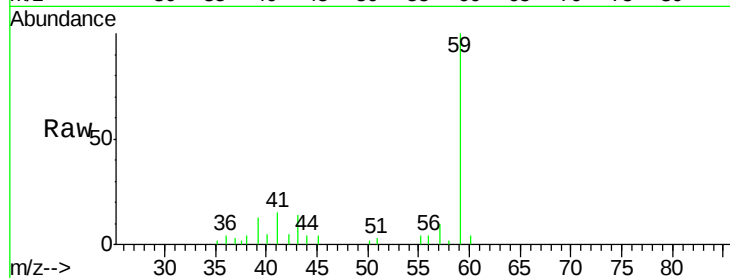


#11

Tert butyl alcohol
 Concen: 264.615 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

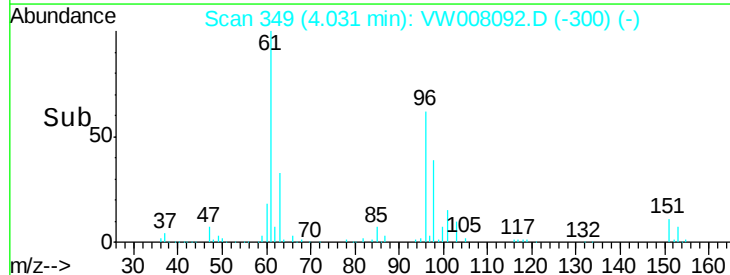
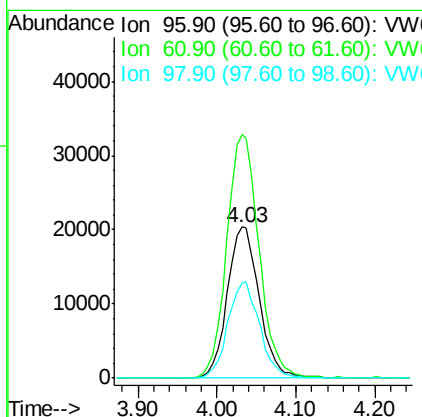
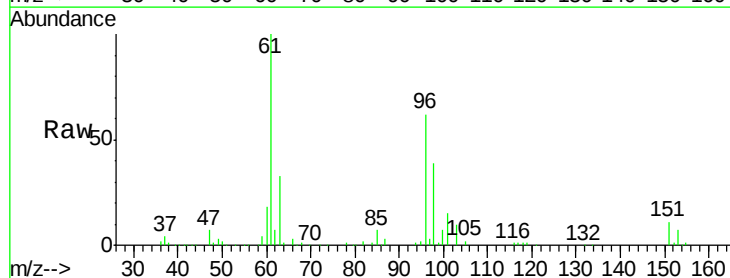
Tot Ion: 59 Resp: 19576
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

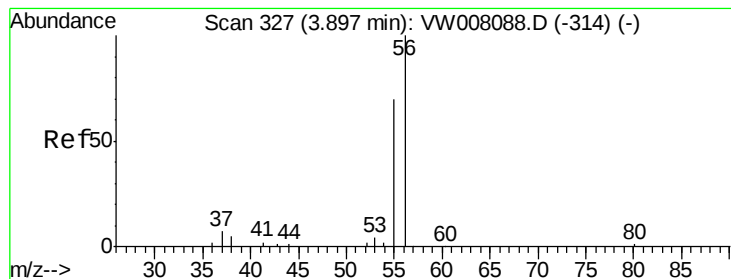


#12

1,1-Dichloroethene
 Concen: 48.505 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion: 96 Resp: 57412
 Ion Ratio Lower Upper
 96 100
 61 161.3 135.4 203.2
 98 62.8 52.5 78.7





#13

Acrolein

Concen: 281.553 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

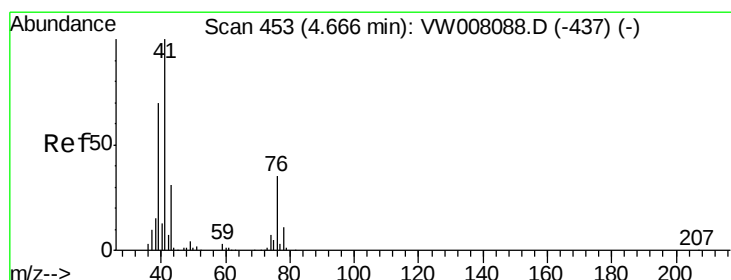
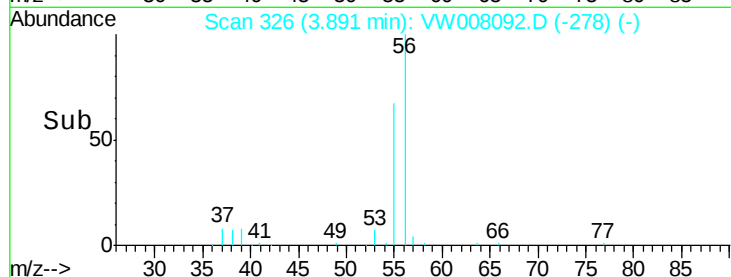
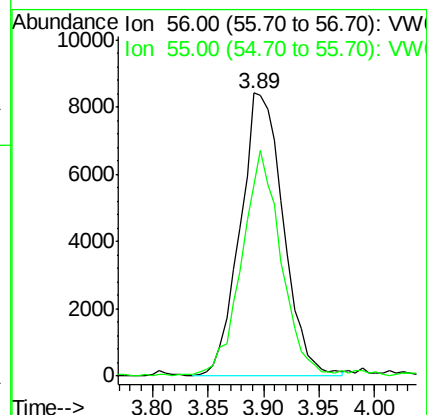
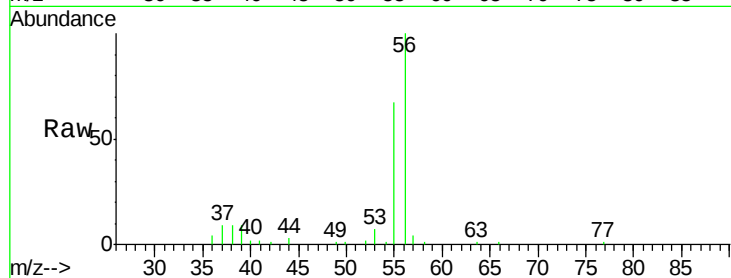
ICVW010819

Tot Ion: 56 Resp: 22755

Ion Ratio Lower Upper

56 100

55 72.5 56.6 84.8



#14

Allyl chloride

Concen: 48.029 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

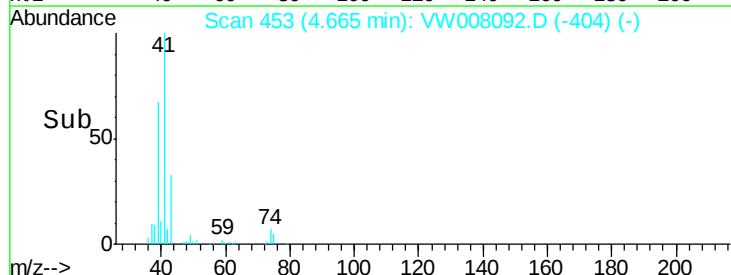
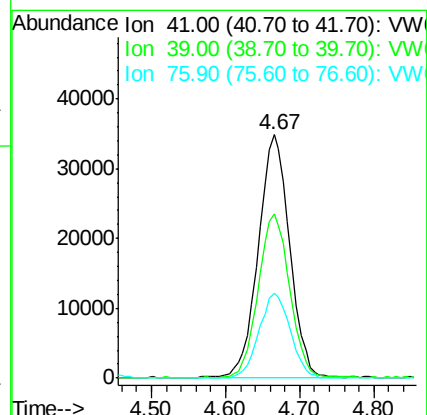
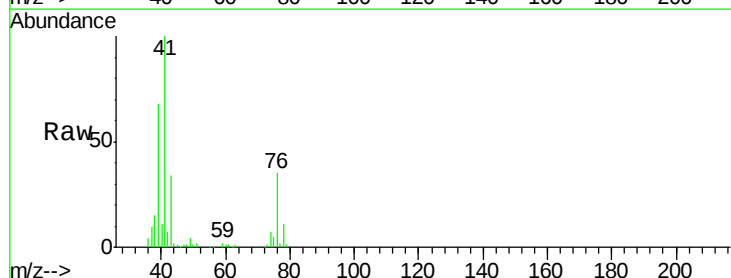
Tgt Ion: 41 Resp: 103216

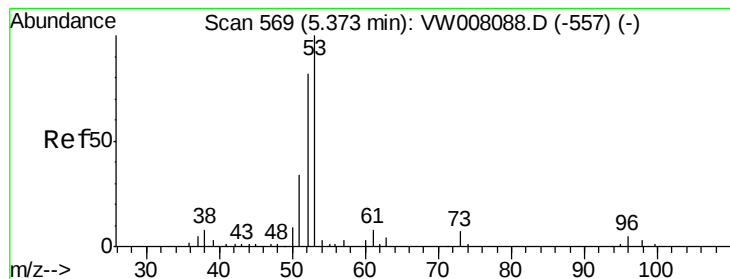
Ion Ratio Lower Upper

41 100

39 66.9 53.8 80.8

76 34.7 27.6 41.4





#15

Acrylonitrile

Concen: 245.475 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

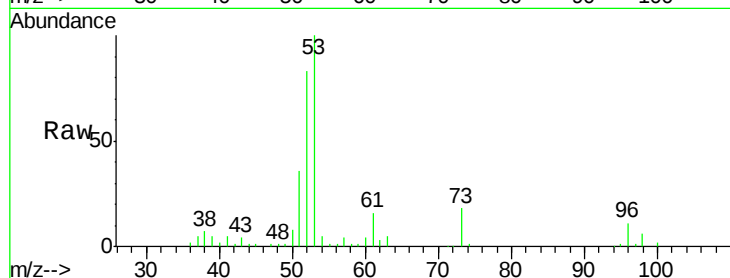
Tot Ion: 53 Resp: 64154

Ion Ratio Lower Upper

53 100

52 82.5 66.8 100.2

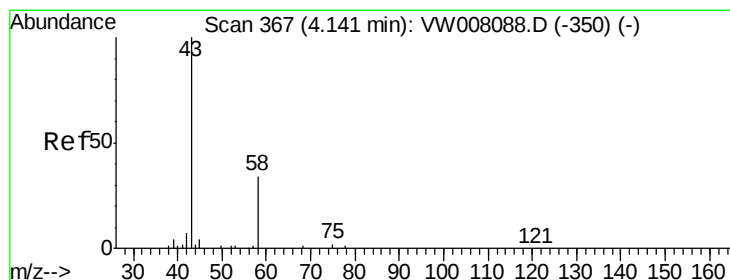
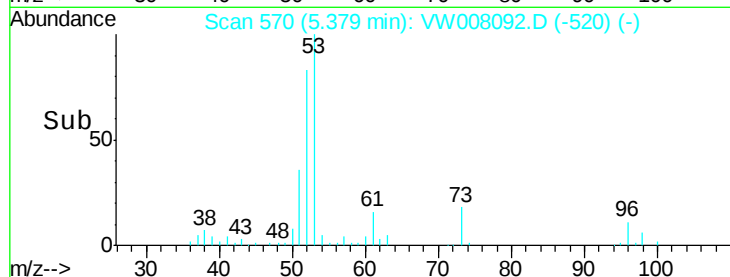
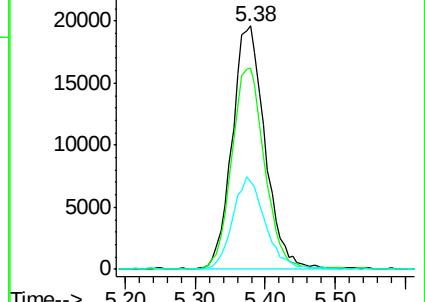
51 37.3 29.7 44.5



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: 257.847 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008092.D

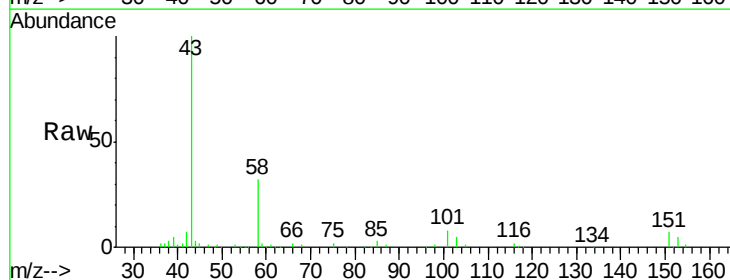
Acq: 08 Jan 2019 18:21

Tgt Ion: 43 Resp: 56157

Ion Ratio Lower Upper

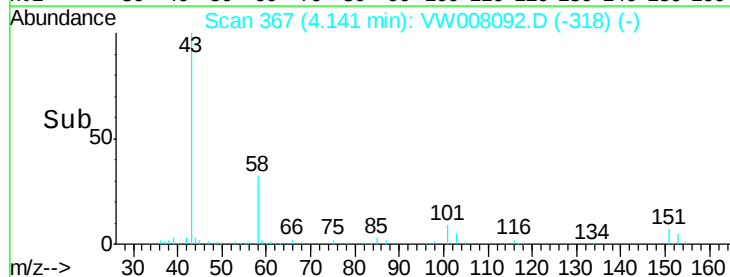
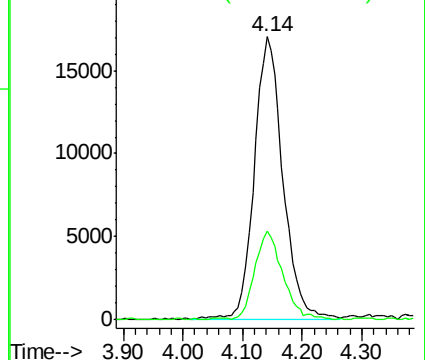
43 100

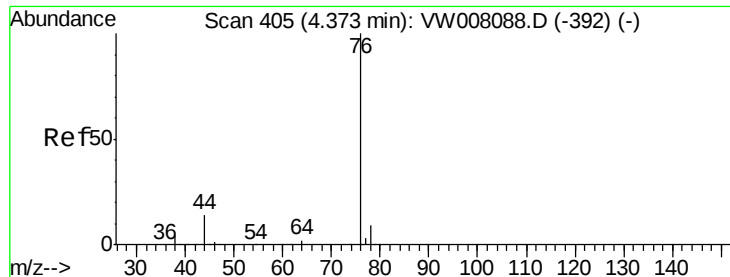
58 31.7 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

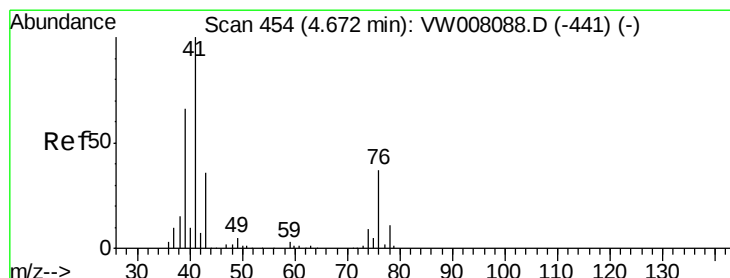
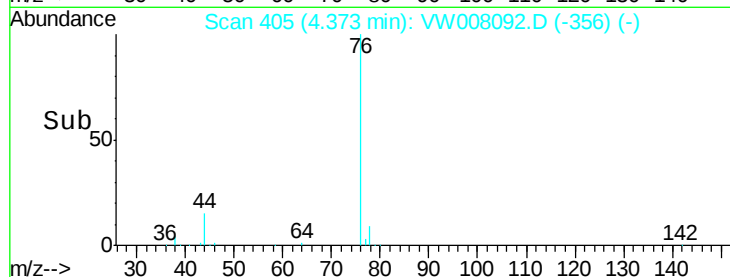
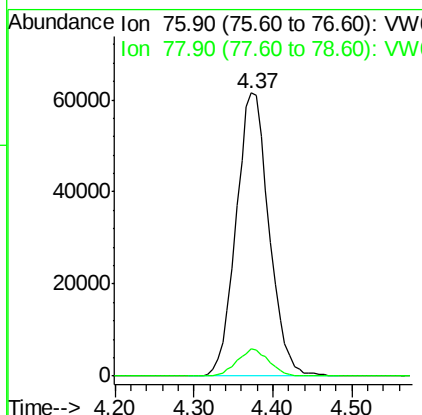
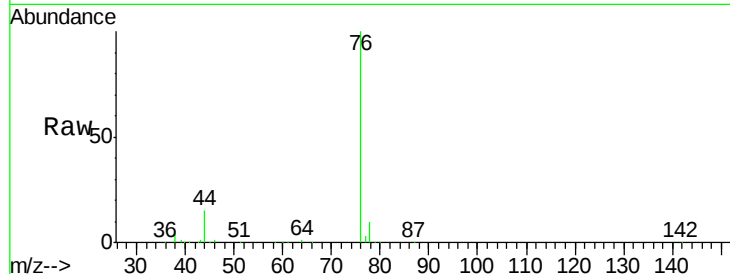




#17
Carbon Disulfide
Concen: 48.253 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

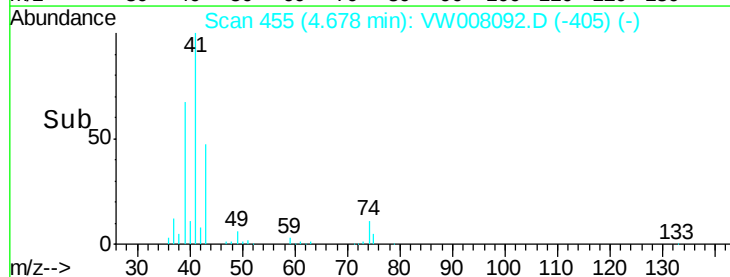
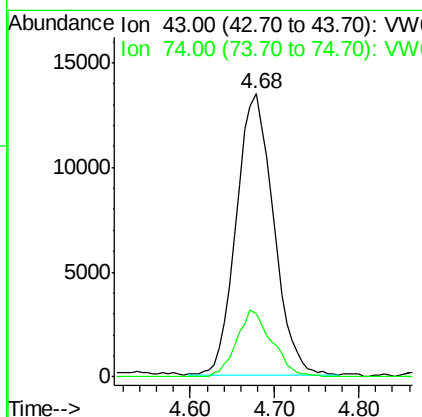
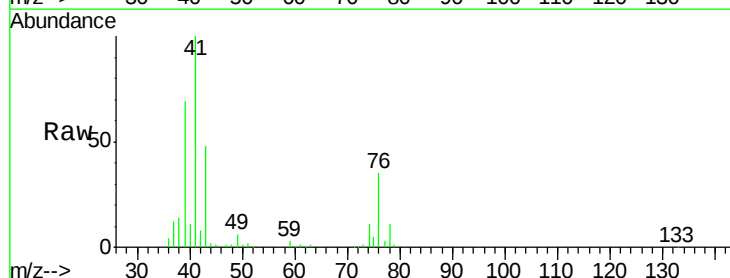
Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

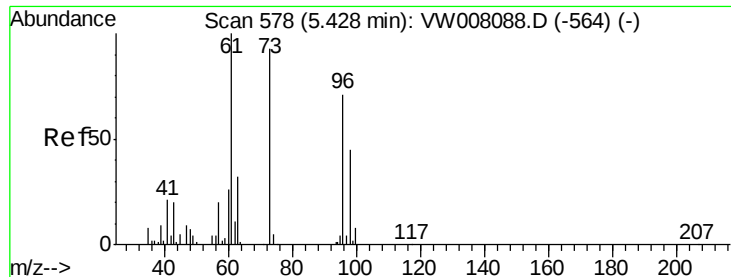
Tot Ion: 76 Resp: 178417
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 52.775 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 43 Resp: 40519
Ion Ratio Lower Upper
43 100
74 22.3 19.0 28.4

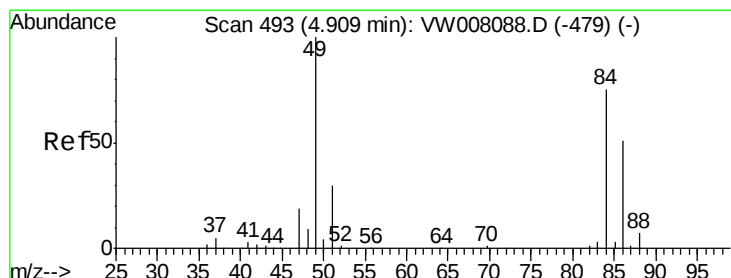
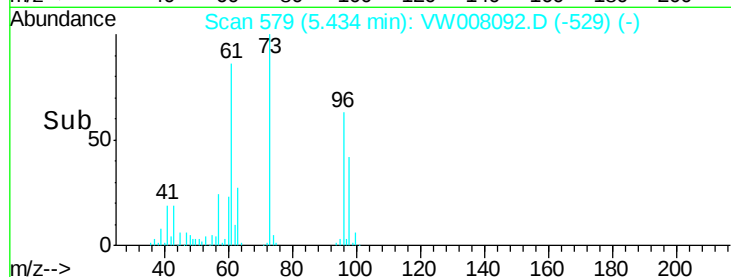
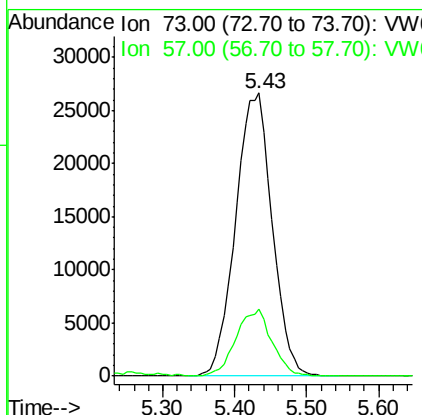
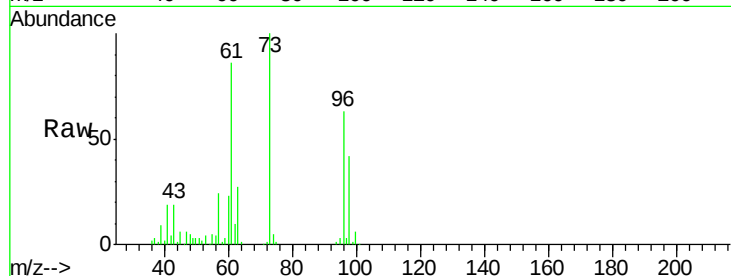




#19
Methvl tert-butvl Ether
Concen: 48.880 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

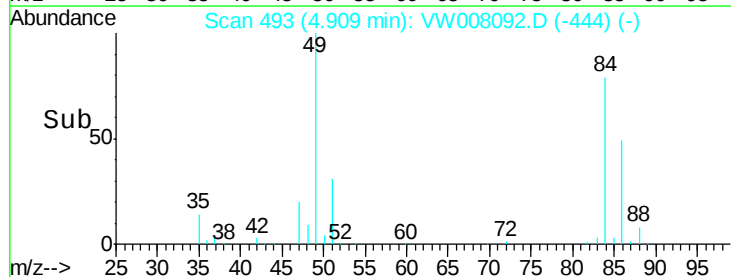
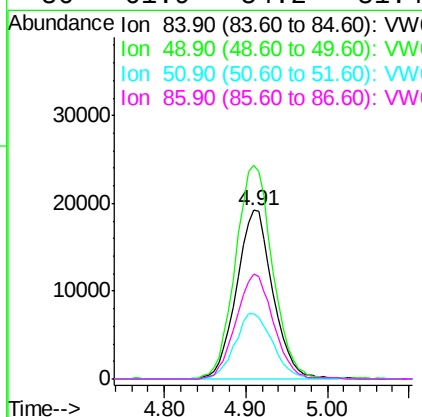
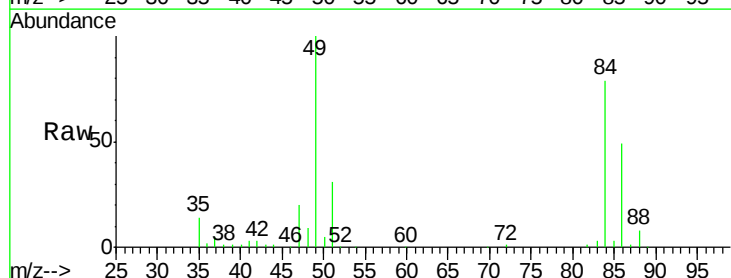
Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

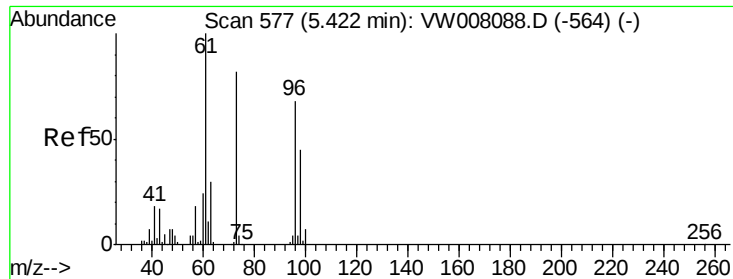
Tot Ion: 73 Resp: 94058
Ion Ratio Lower Upper
73 100
57 23.8 16.7 25.1



#20
Methylene Chloride
Concen: 49.624 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 84 Resp: 59395
Ion Ratio Lower Upper
84 100
49 126.6 107.1 160.7
51 38.8 32.4 48.6
86 61.9 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 47.157 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

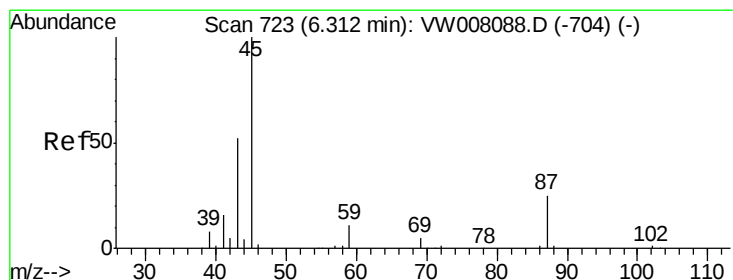
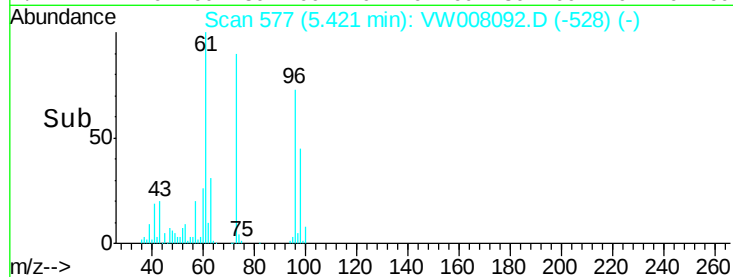
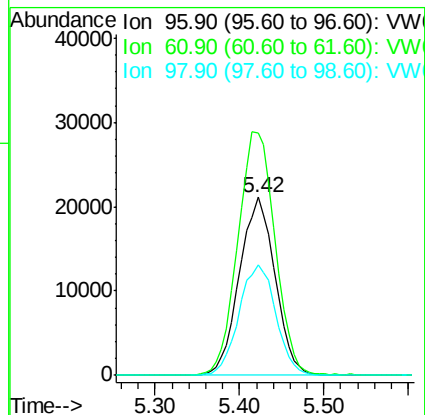
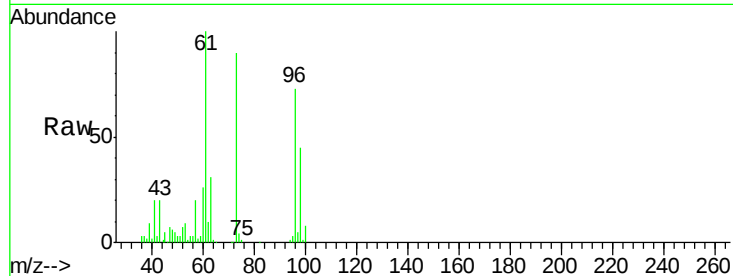
Tot Ion: 96 Resp: 60657

Ion Ratio Lower Upper

96 100

61 136.3 117.4 176.0

98 61.7 52.2 78.4



#22

Diisopropyl ether

Concen: 47.806 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Tgt Ion: 45 Resp: 195934

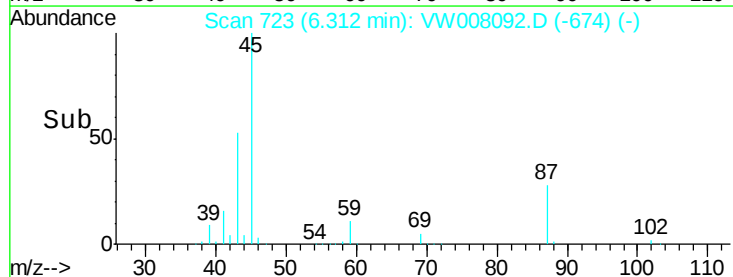
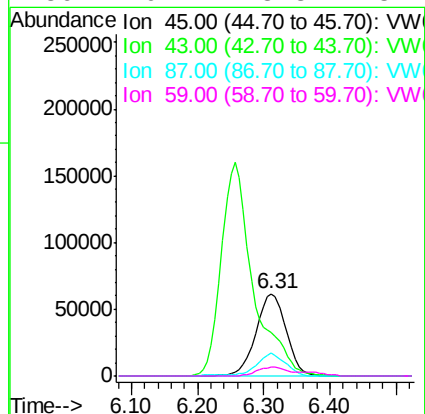
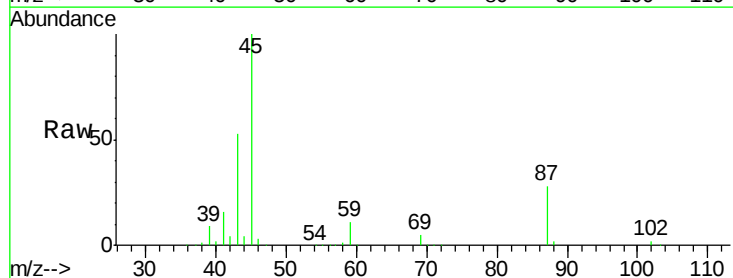
Ion Ratio Lower Upper

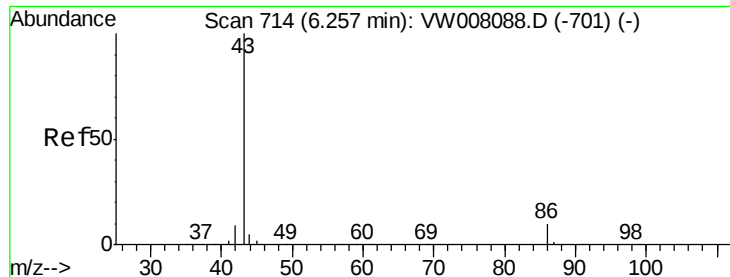
45 100

43 52.8 41.7 62.5

87 27.8 20.1 30.1

59 10.4 8.8 13.2





#23

Vinyl Acetate

Concen: 248.653 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

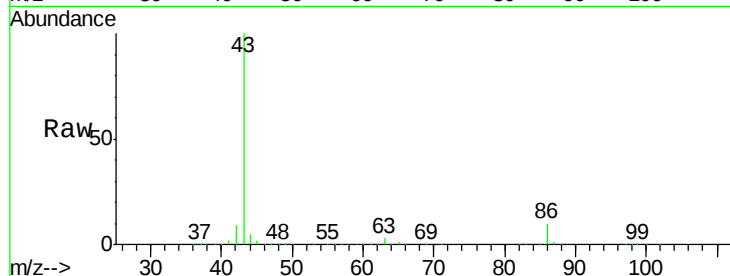
ICVW010819

Tot Ion: 43 Resp: 535237

Ion Ratio Lower Upper

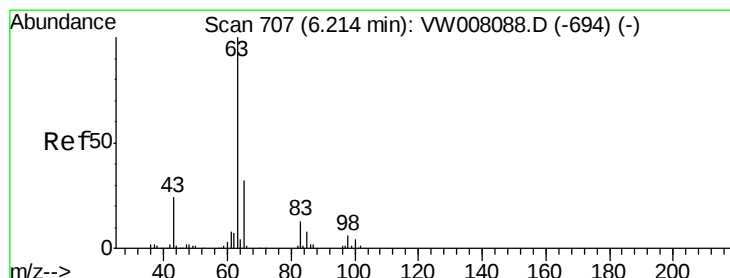
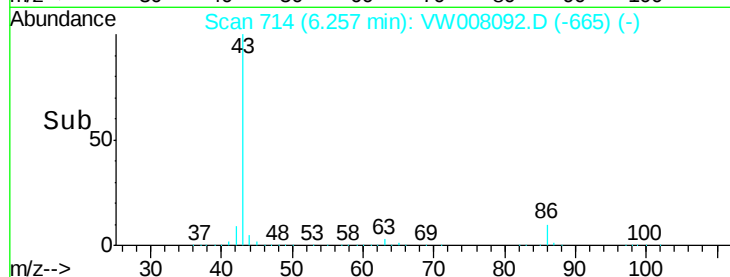
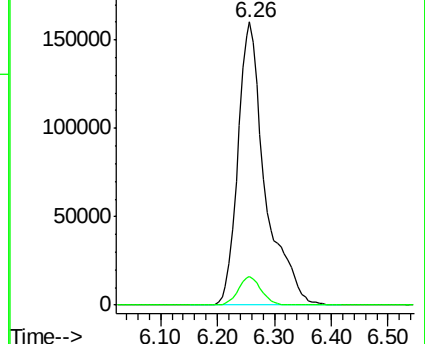
43 100

86 10.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 46.461 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

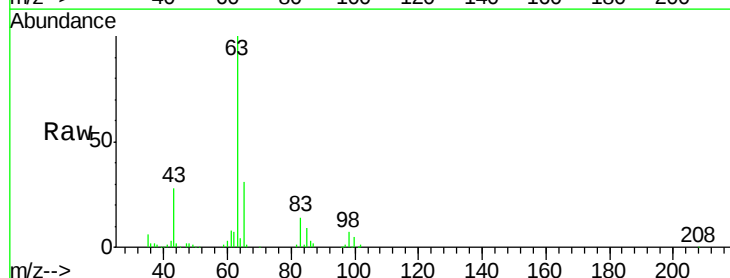
Tgt Ion: 63 Resp: 110951

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

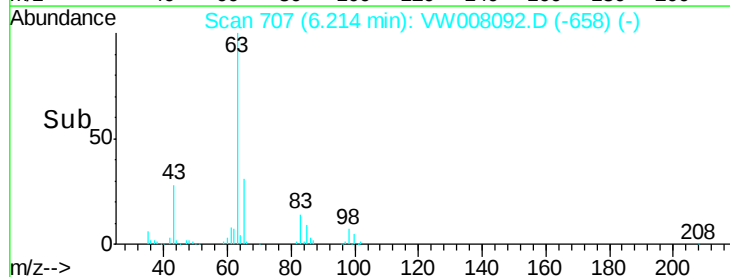
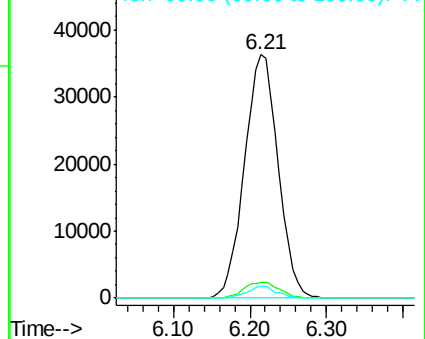
100 4.7 2.0 6.0

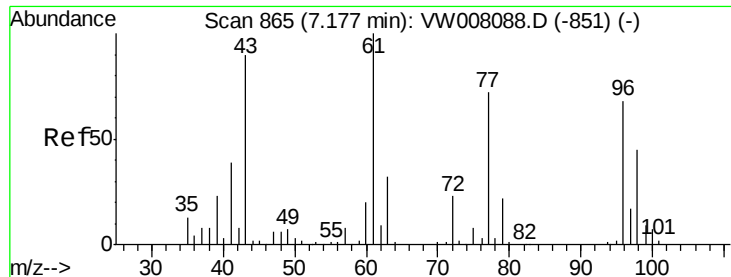


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 238.417 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

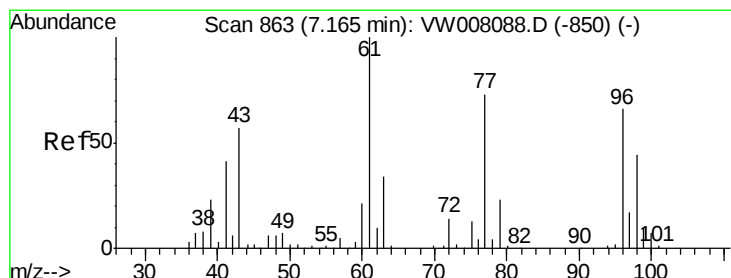
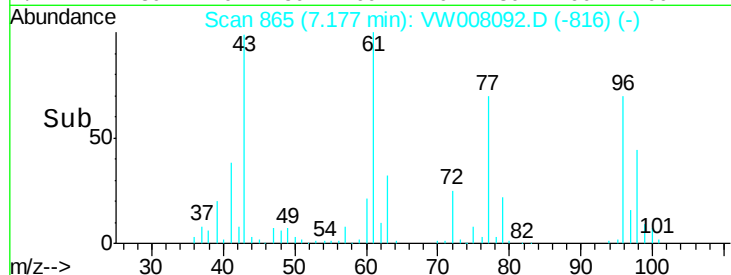
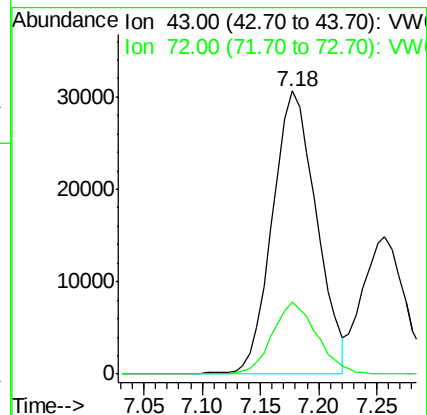
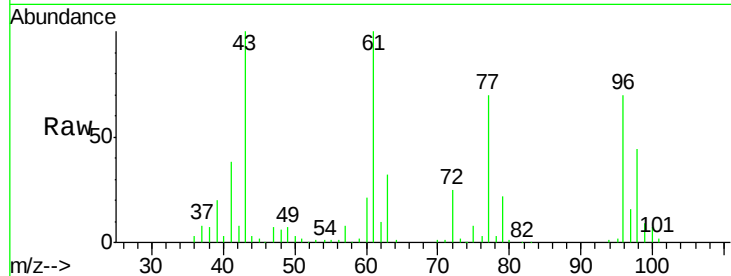
ICVW010819

Tot Ion: 43 Resp: 80582

Ion Ratio Lower Upper

43 100

72 25.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 44.508 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008092.D

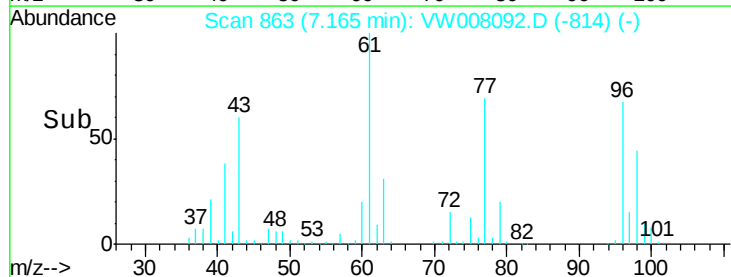
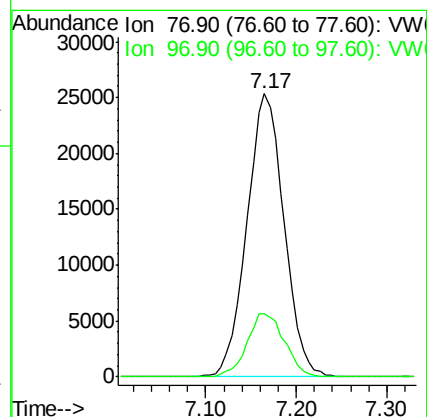
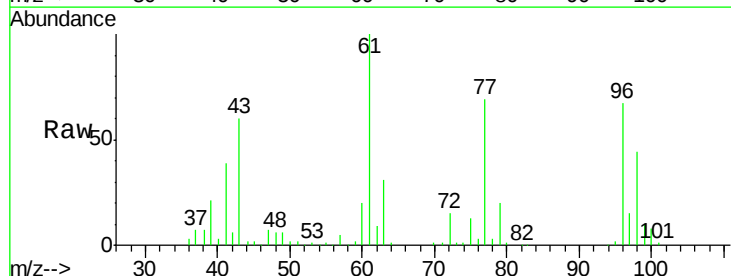
Acq: 08 Jan 2019 18:21

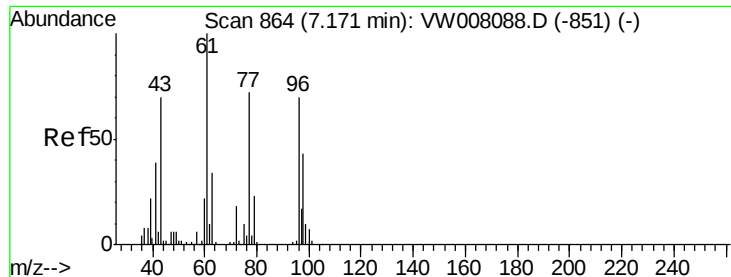
Tgt Ion: 77 Resp: 72018

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1



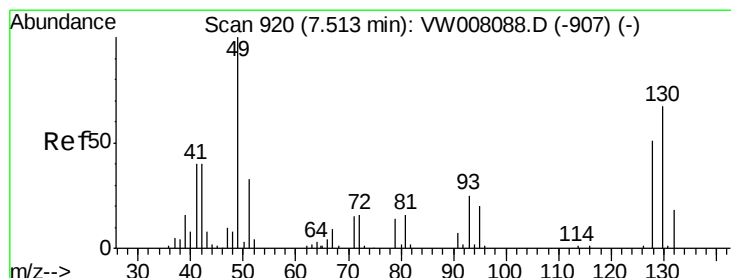
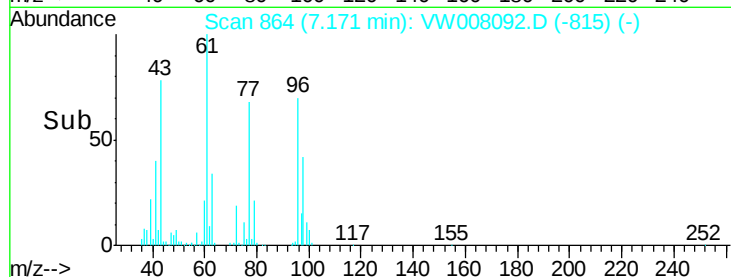
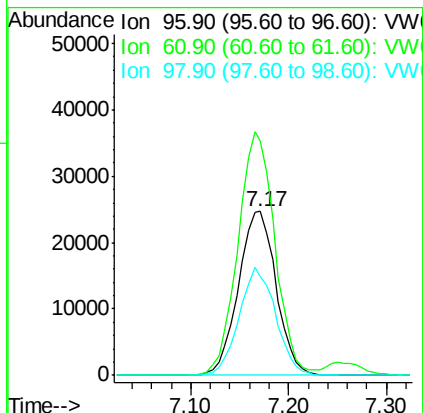
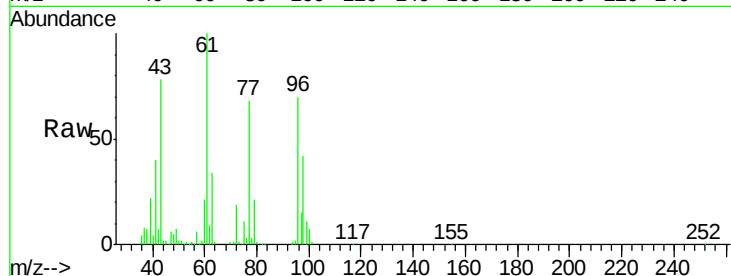


#27

cis-1,2-Dichloroethene
Concen: 47.004 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

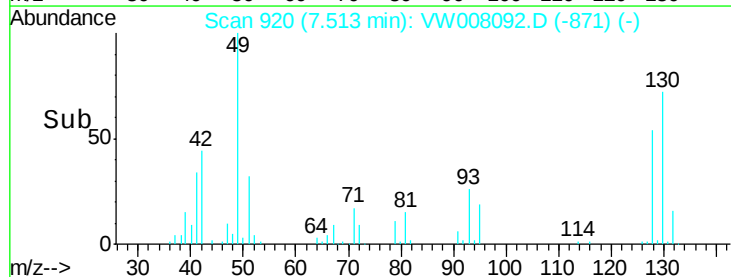
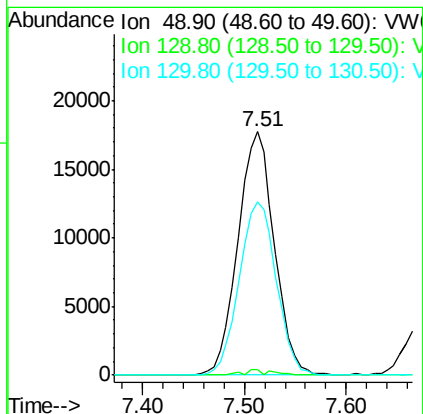
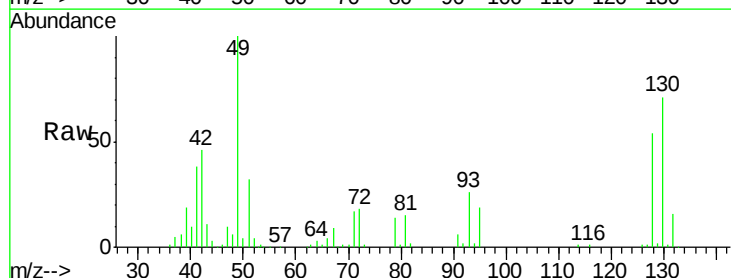
Tot Ion: 96 Resp: 65965
Ion Ratio Lower Upper
96 100
61 145.6 0.0 300.4
98 63.7 0.0 128.4

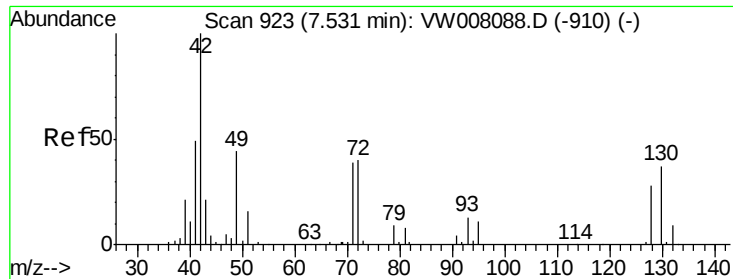


#28

Bromochloromethane
Concen: 46.538 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 49 Resp: 43958
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.8
130 72.6 54.3 81.5

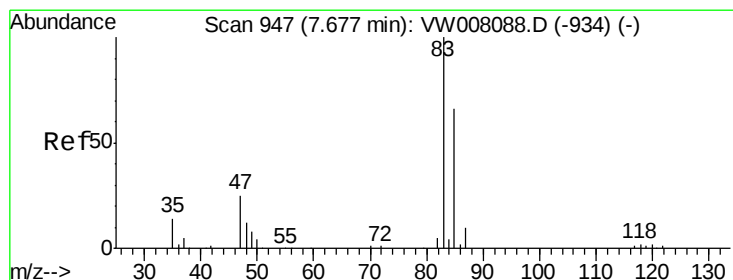
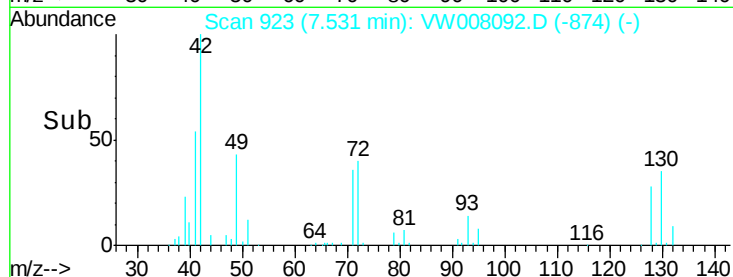
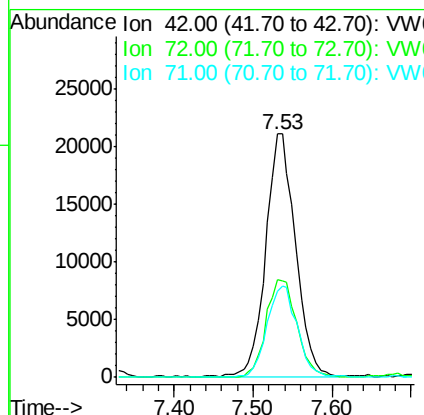
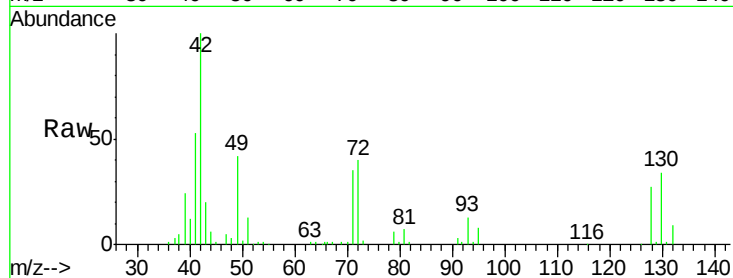




#29
Tetrahydrofuran
Concen: 246.883 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

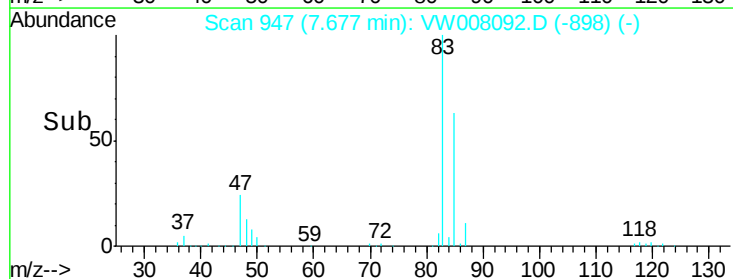
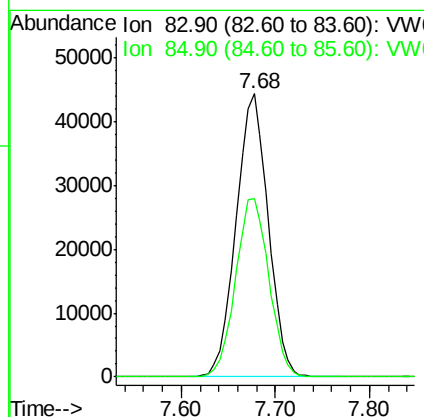
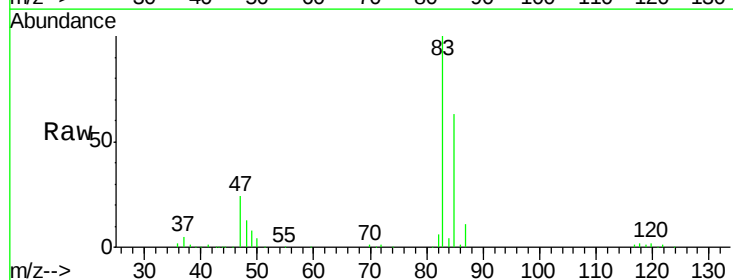
Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

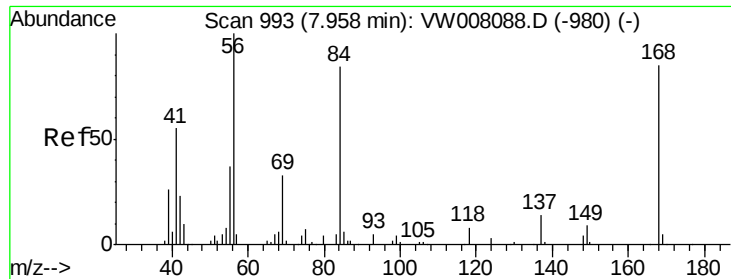
Tot Ion: 42 Resp: 55739
Ion Ratio Lower Upper
42 100
72 41.3 32.4 48.6
71 38.2 31.3 46.9



#30
Chloroform
Concen: 46.236 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 83 Resp: 105098
Ion Ratio Lower Upper
83 100
85 63.1 53.2 79.8

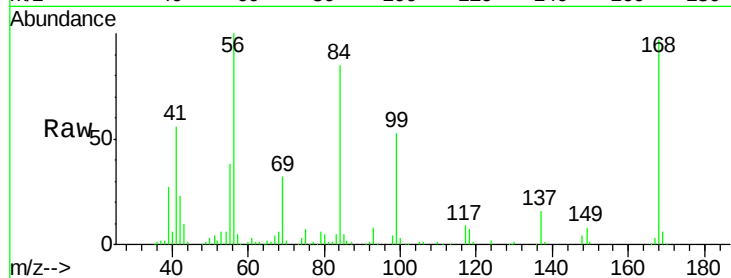




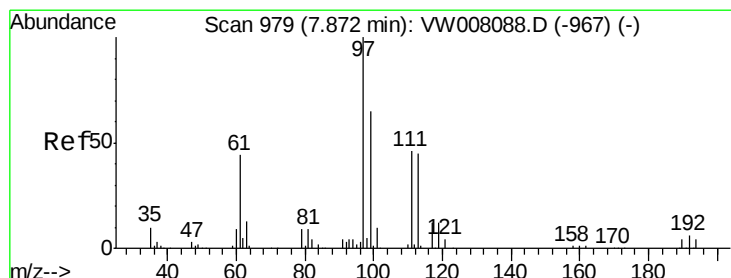
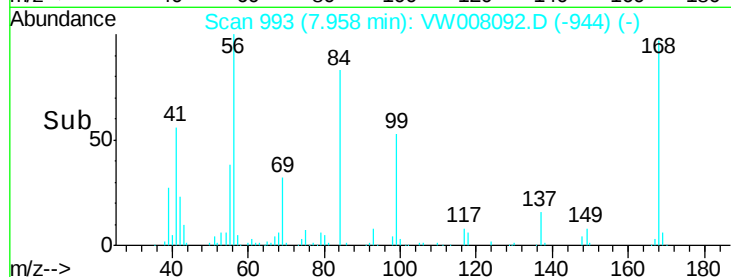
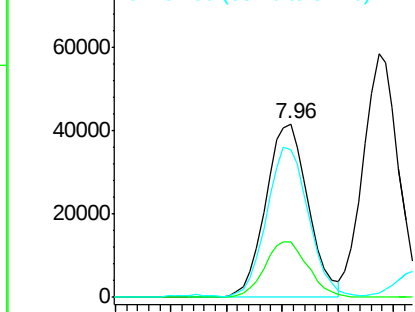
#31
Cyclohexane
Concen: 43.232 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

Tot Ion: 56 Resp: 110521
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.4
84 83.7 67.4 101.2

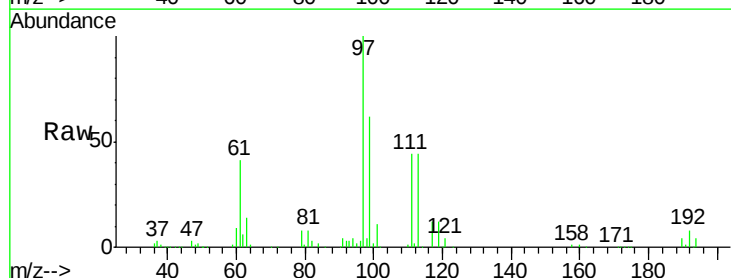


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

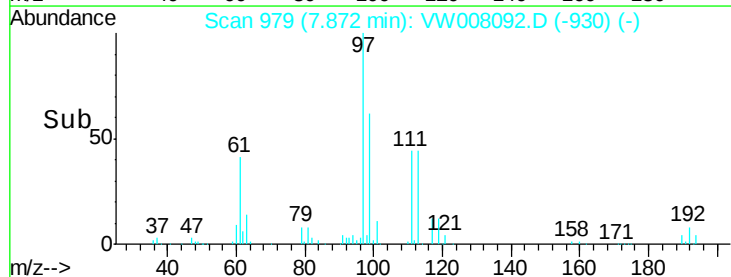
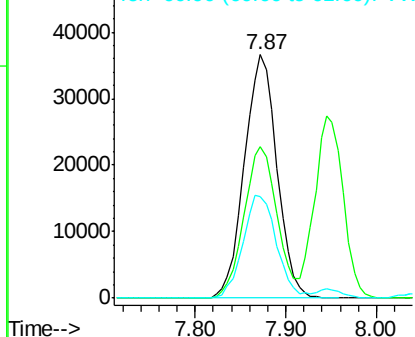


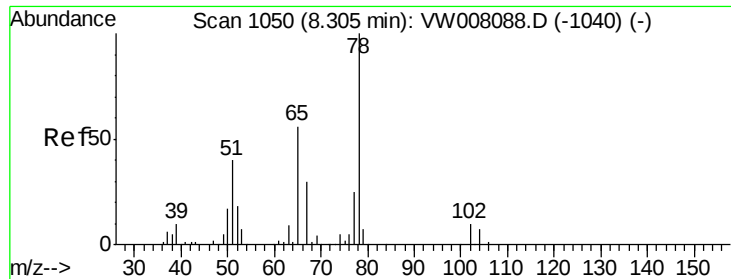
#32
1,1,1-Trichloroethane
Concen: 45.960 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 97 Resp: 90902
Ion Ratio Lower Upper
97 100
99 62.7 51.4 77.0
61 43.7 35.6 53.4



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: 43.494 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampled :

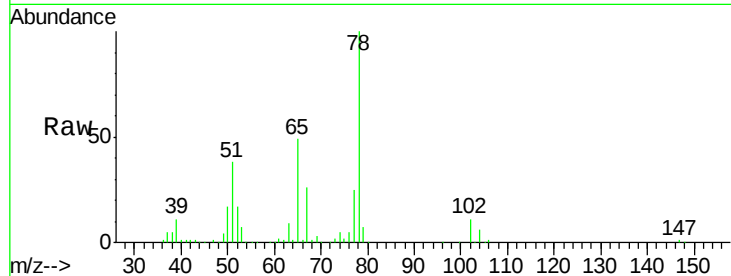
ICVW010819

Tot Ion: 65 Resp: 52835

Ion Ratio Lower Upper

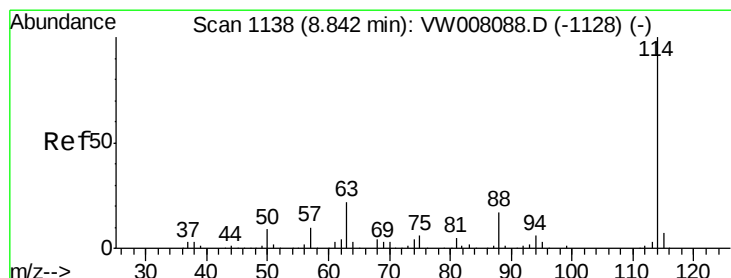
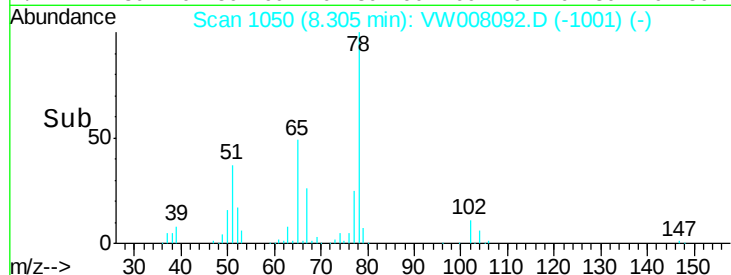
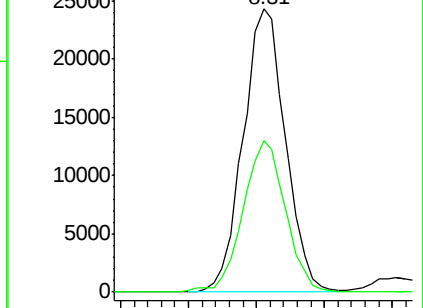
65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

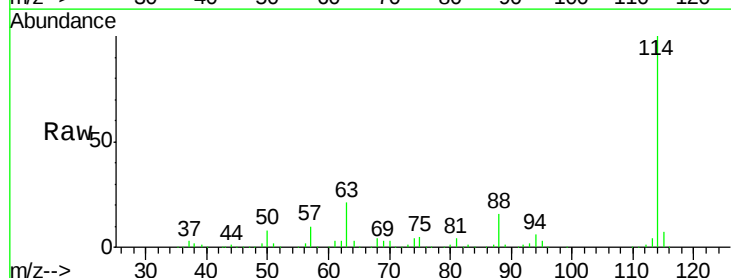
Tgt Ion: 114 Resp: 176924

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

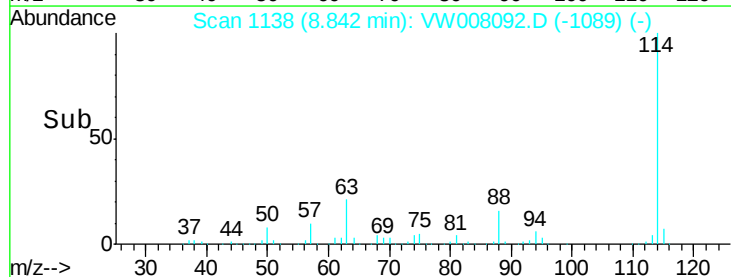
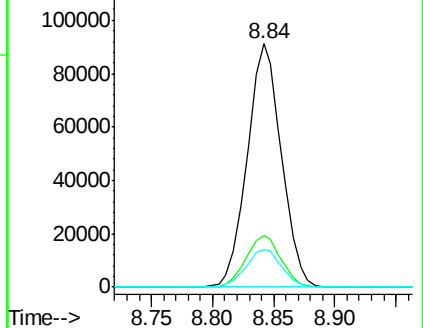
88 15.5 0.0 33.4

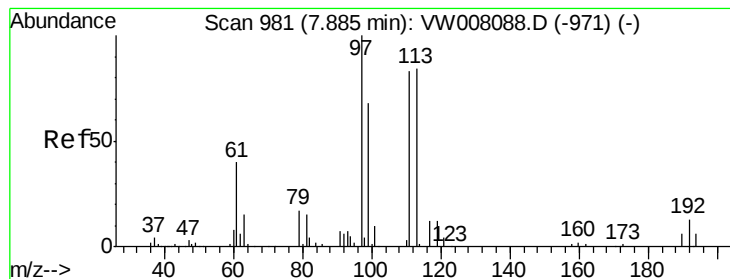


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 47.538 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

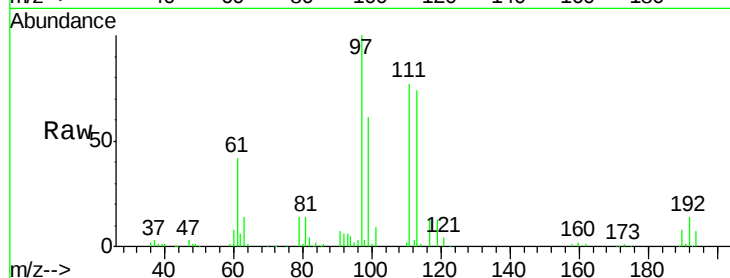
Tot Ion:113 Resp: 49054

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

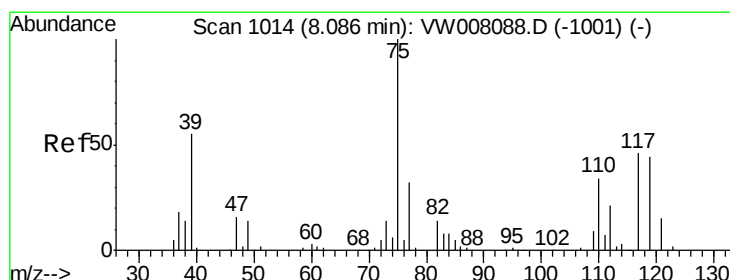
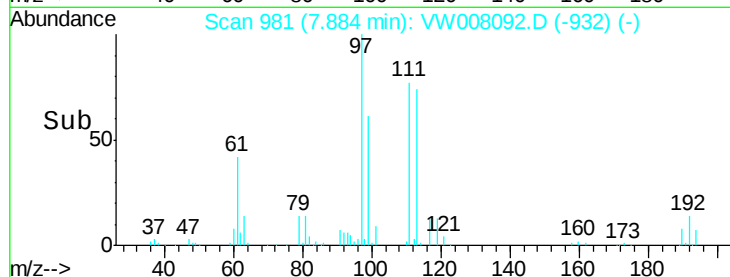
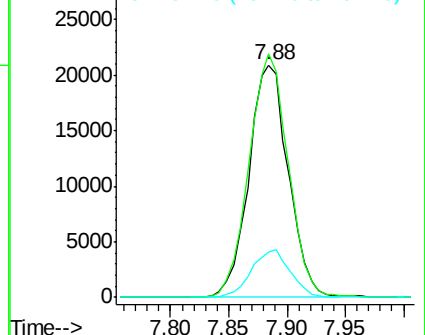
192 20.4 12.8 19.2#



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: 48.829 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

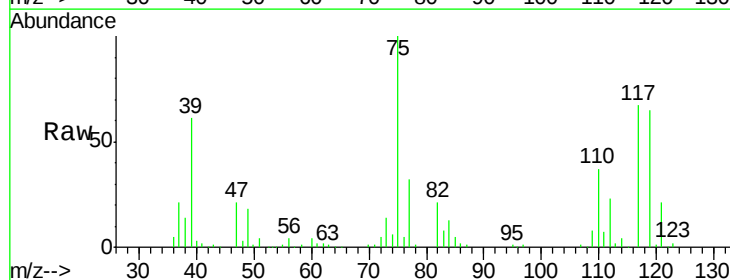
Tgt Ion: 75 Resp: 88991

Ion Ratio Lower Upper

75 100

110 35.3 17.1 51.3

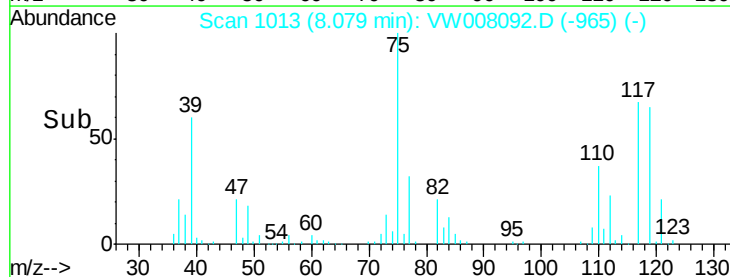
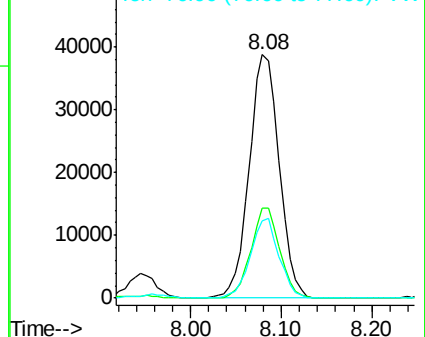
77 31.2 25.5 38.3

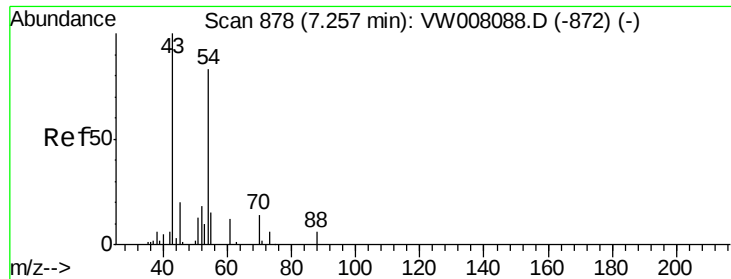


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

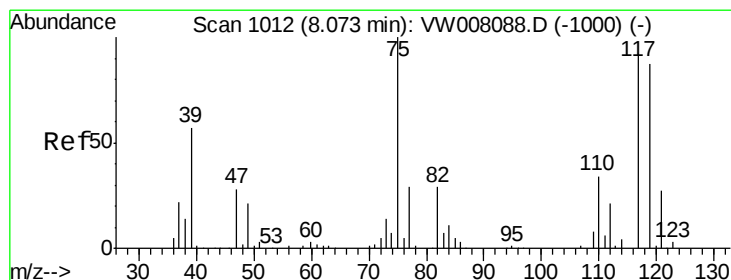
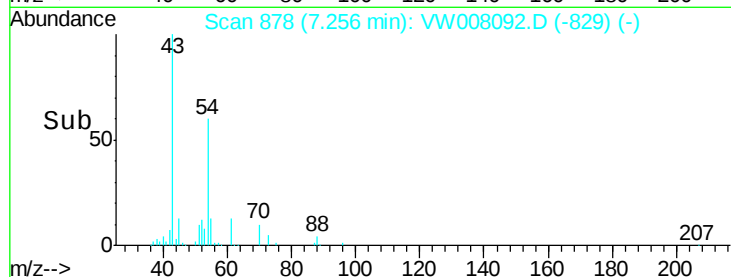
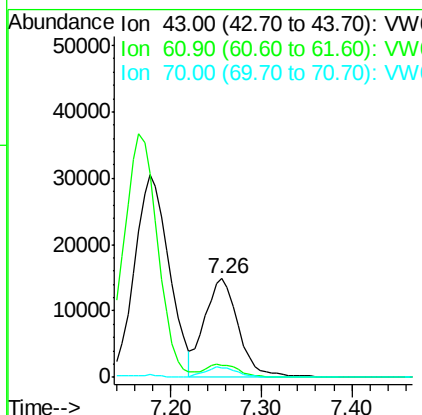
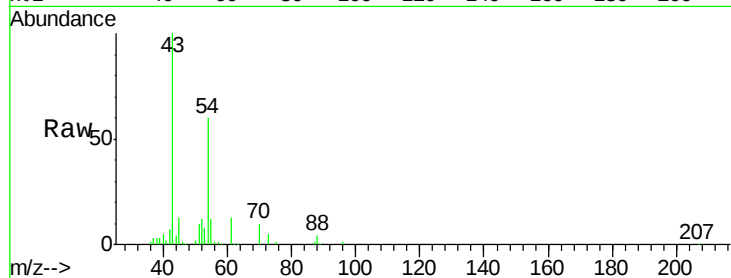




#37
Ethyl Acetate
Concen: 53.643 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

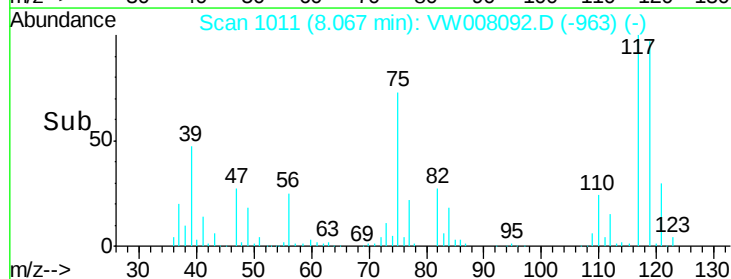
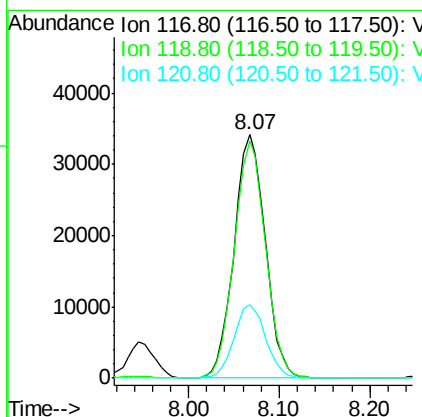
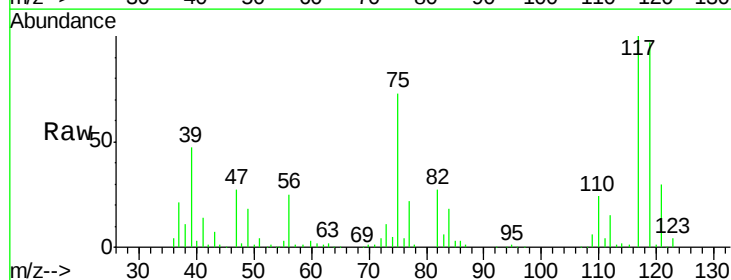
Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

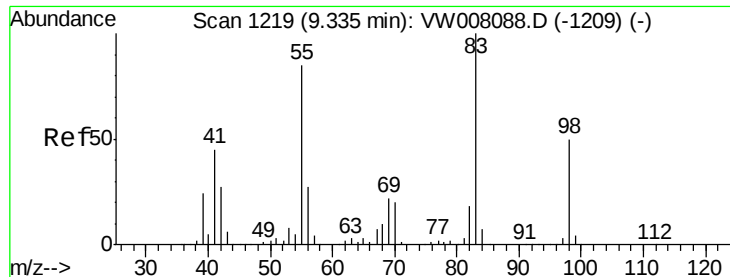
Tot Ion: 43 Resp: 39167
Ion Ratio Lower Upper
43 100
61 12.9 10.6 16.0
70 10.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.013 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 117 Resp: 81759
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
121 30.1 23.7 35.5

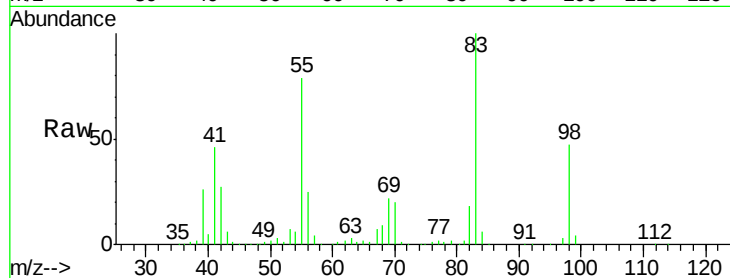




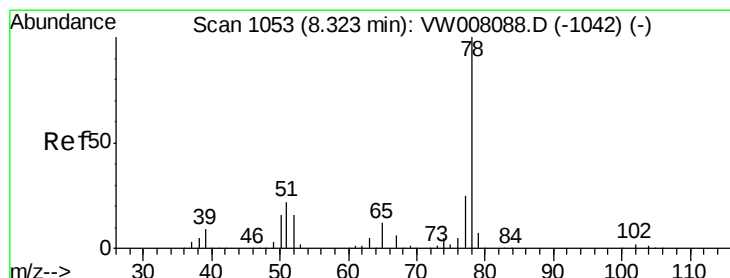
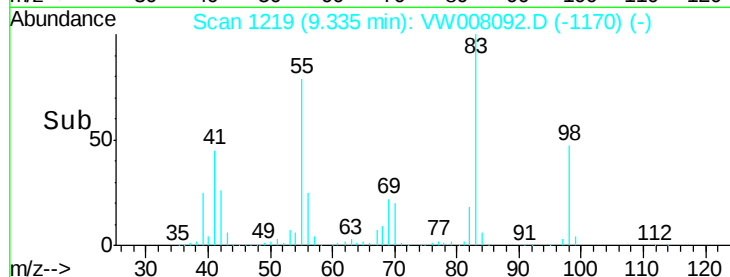
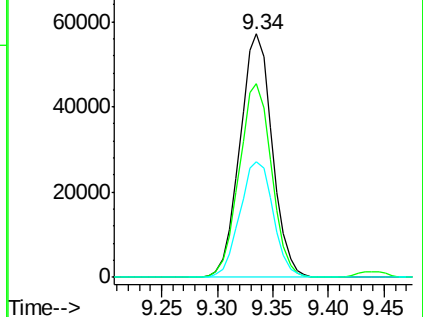
#39
Methvlcvclohexane
Concen: 49.697 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

Tot Ion: 83 Resp: 114844
Ion Ratio Lower Upper
83 100
55 79.3 67.8 101.6
98 47.3 40.2 60.4

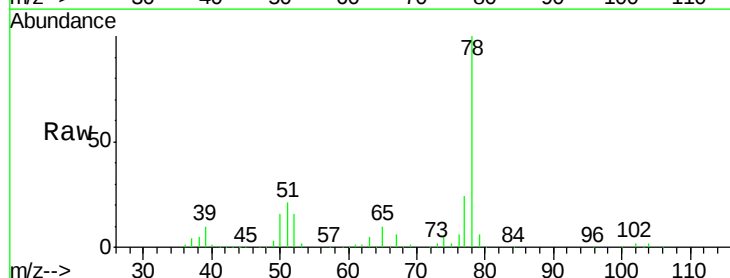


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

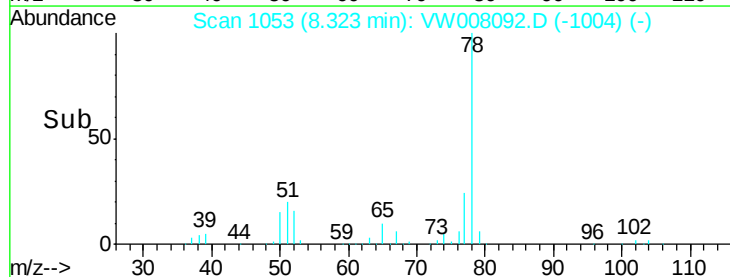
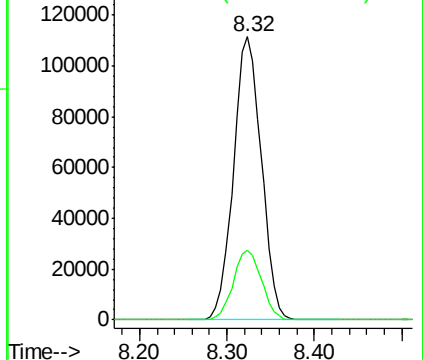


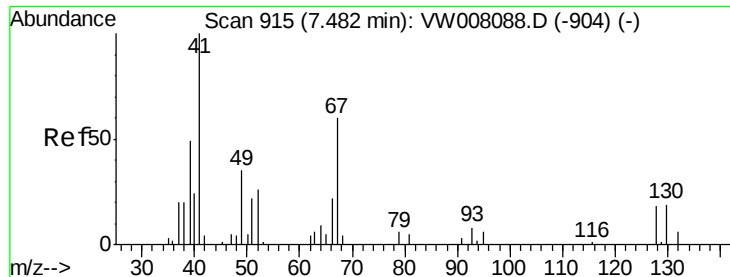
#40
Benzene
Concen: 49.993 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 78 Resp: 247120
Ion Ratio Lower Upper
78 100
77 24.5 20.2 30.4



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

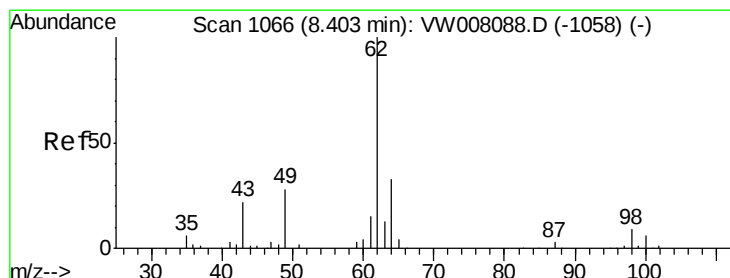
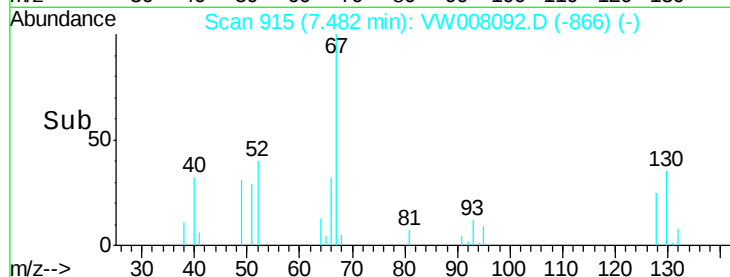
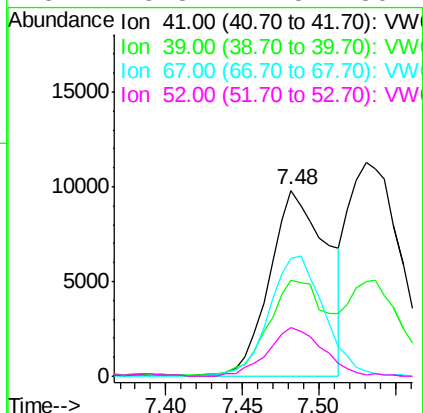
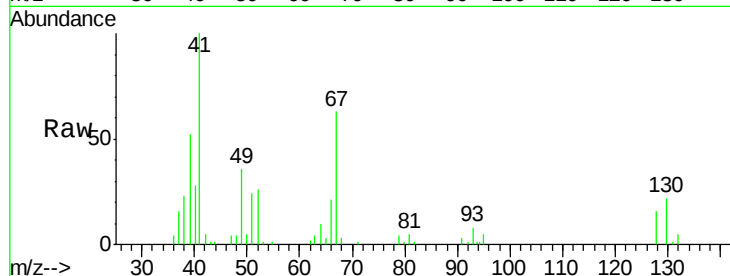




#41
Methacrylonitrile
Concen: 55.725 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

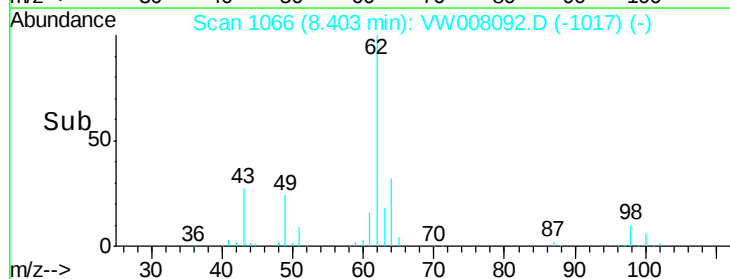
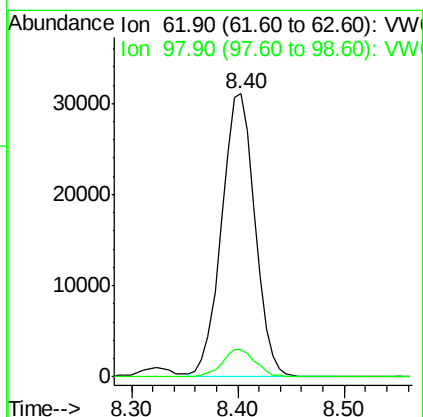
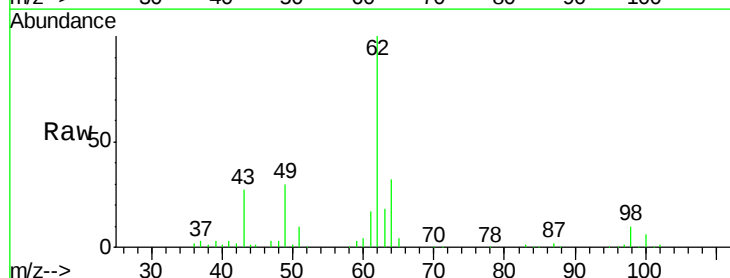
Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

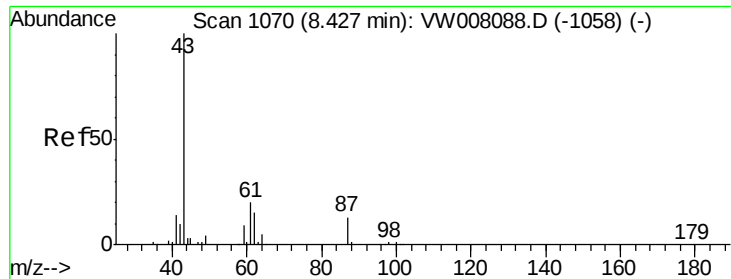
Tot Ion:	41	Resp:	25702
Ion	Ratio	Lower	Upper
41	100		
39	52.6	47.9	71.9
67	61.1	56.3	84.5
52	25.3	24.5	36.7



#42
1,2-Dichloroethane
Concen: 48.897 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion:	62	Resp:	67980
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 53.047 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

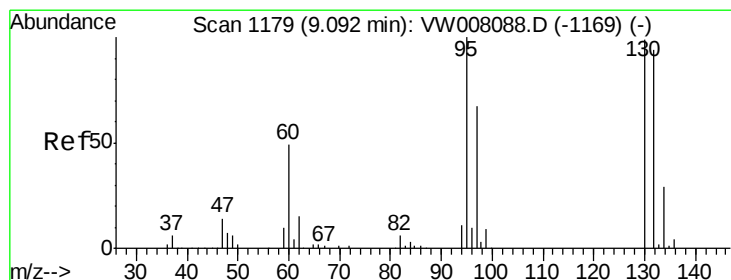
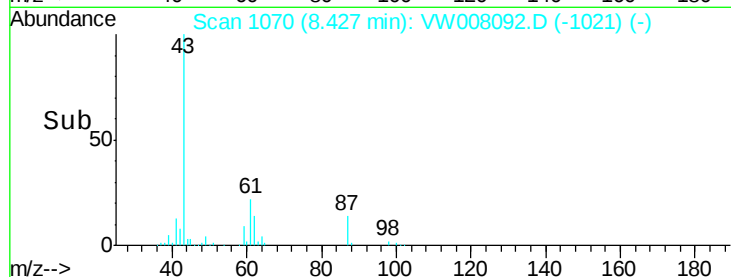
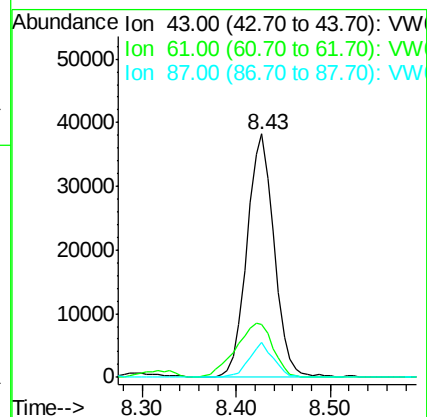
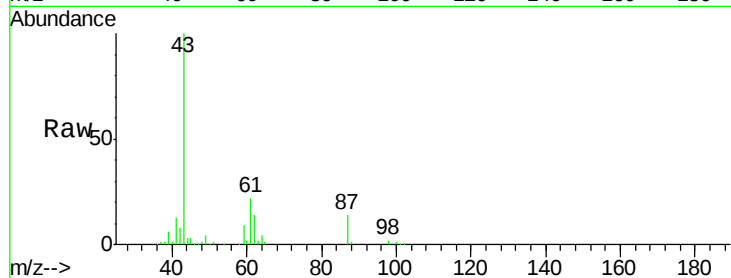
Tot Ion: 43 Resp: 77440

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

87 12.7 10.4 15.6



#44

Trichloroethene

Concen: 51.649 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008092.D

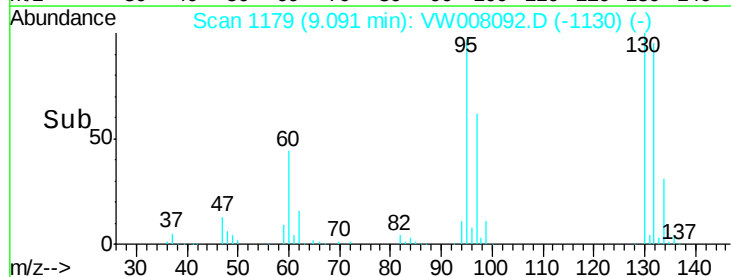
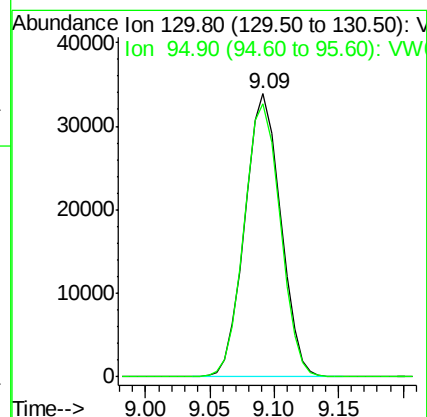
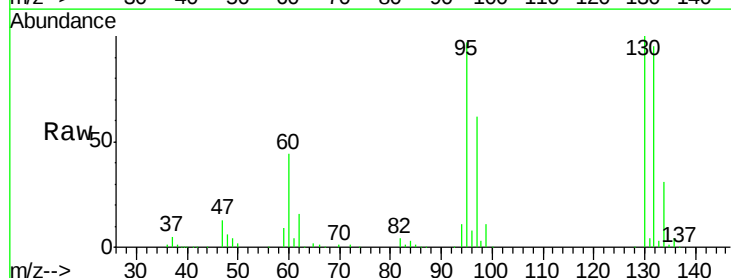
Acq: 08 Jan 2019 18:21

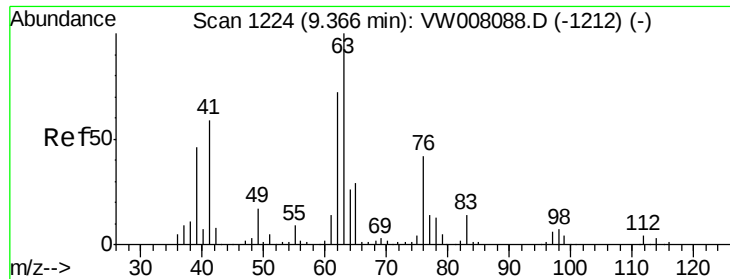
Tgt Ion: 130 Resp: 65355

Ion Ratio Lower Upper

130 100

95 96.5 0.0 202.8





#45

1,2-Dichloropropane

Concen: 51.110 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

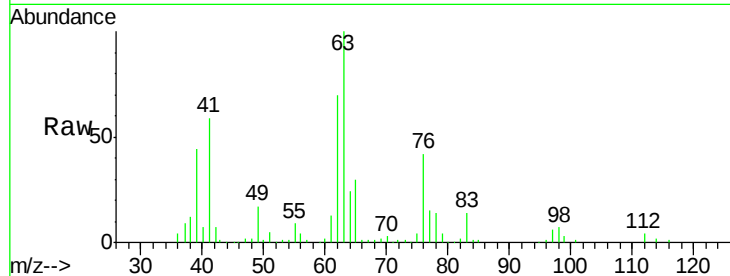
ICVW010819

Tot Ion: 63 Resp: 62645

Ion Ratio Lower Upper

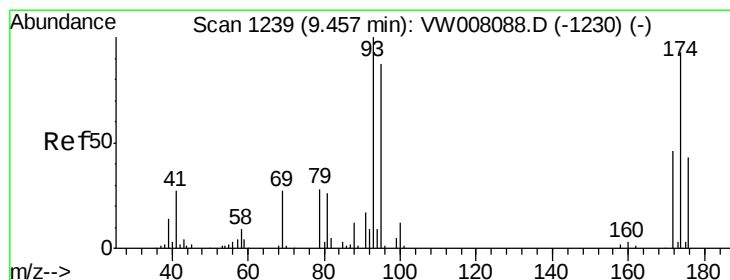
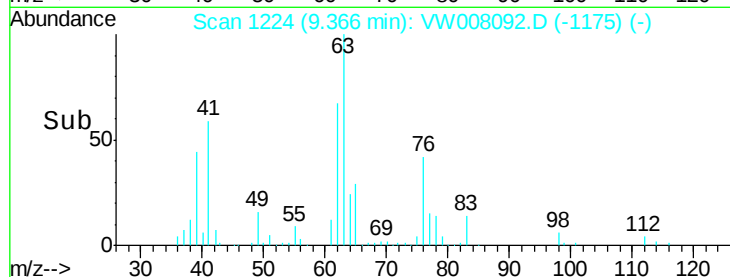
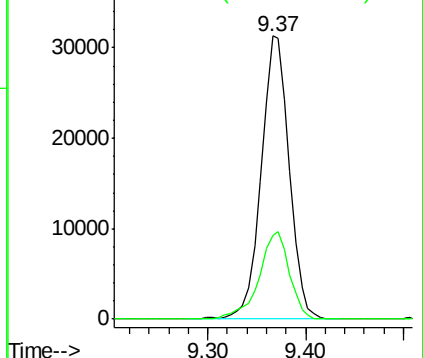
63 100

65 29.7 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.454 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

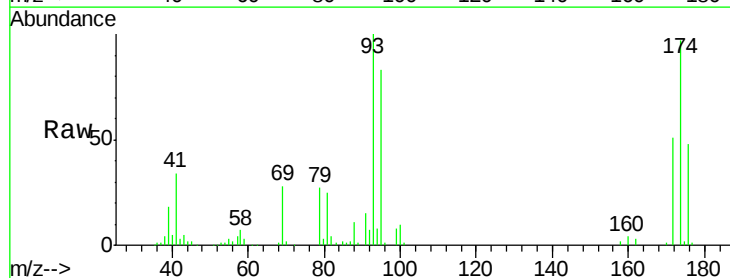
Tgt Ion: 93 Resp: 29768

Ion Ratio Lower Upper

93 100

95 85.0 67.5 101.3

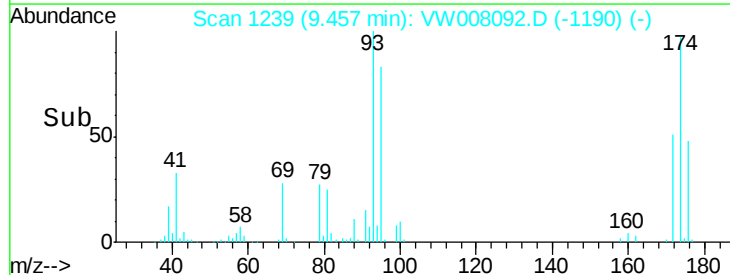
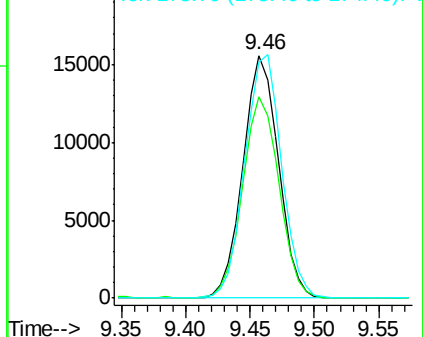
174 103.8 72.5 108.7

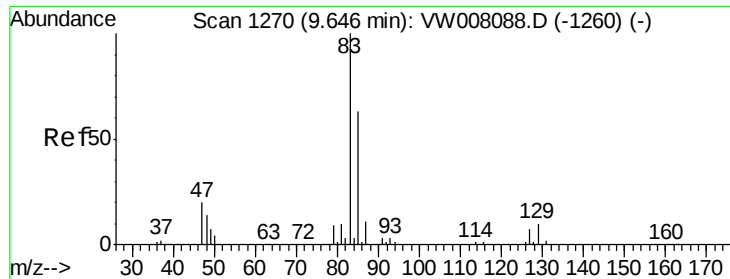


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.655 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

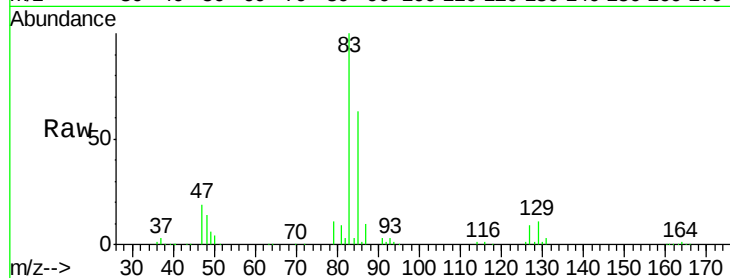
Tot Ion: 83 Resp: 77423

Ion Ratio Lower Upper

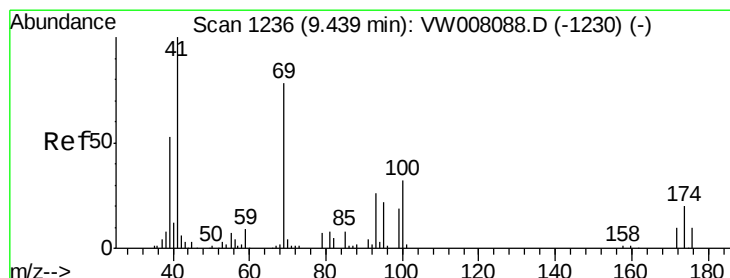
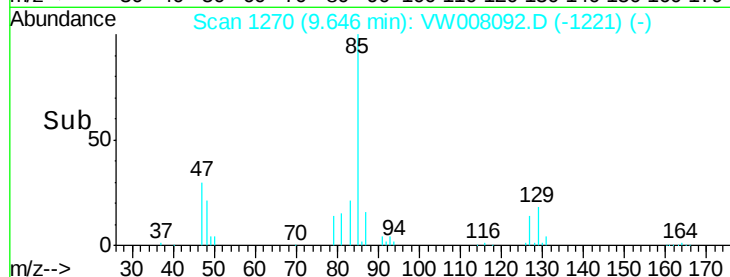
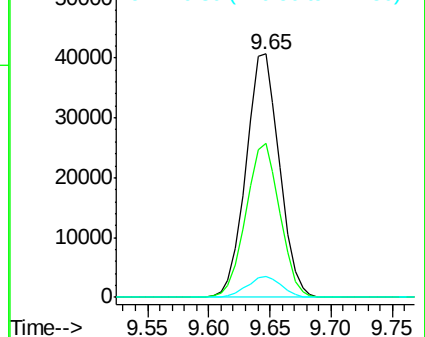
83 100

85 63.1 50.7 76.1

127 8.5 6.0 9.0



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: 55.321 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

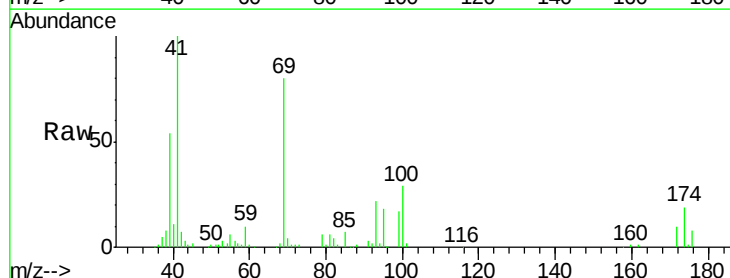
Tgt Ion: 41 Resp: 38107

Ion Ratio Lower Upper

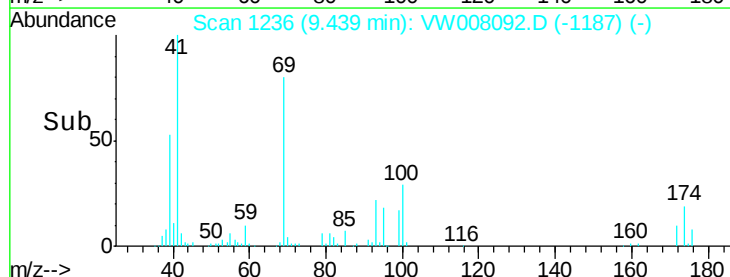
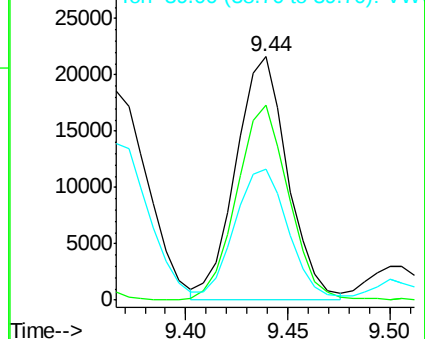
41 100

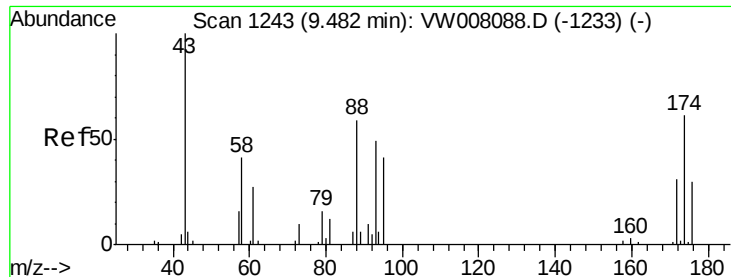
69 80.4 61.9 92.9

39 51.8 43.0 64.4



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: 986.128 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

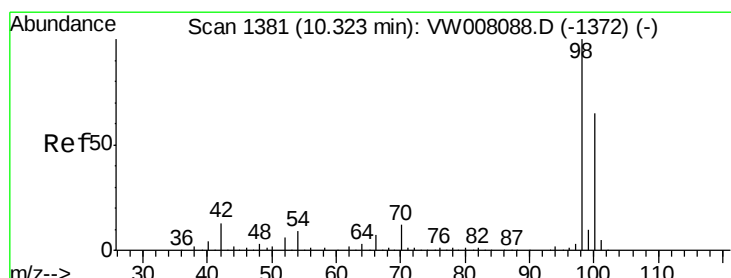
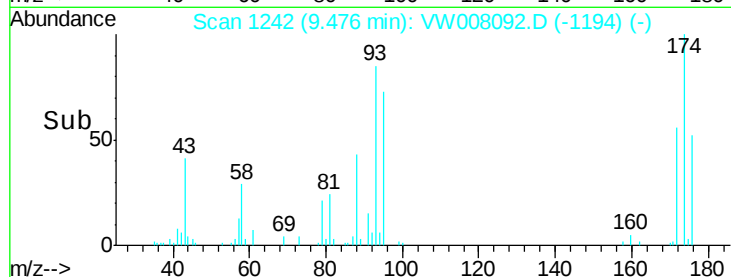
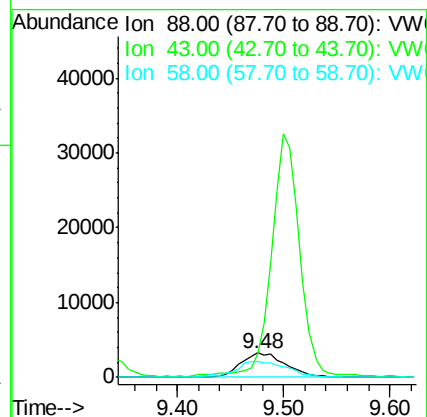
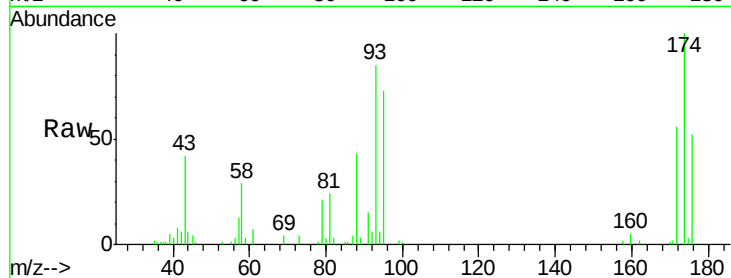
Tot Ion: 88 Resp: 9546

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.8 61.7 92.5



#50

Toluene-d8

Concen: 46.976 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008092.D

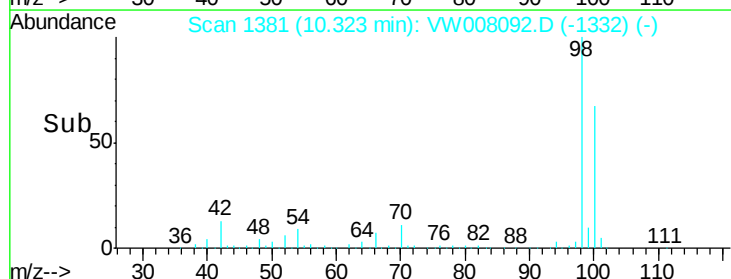
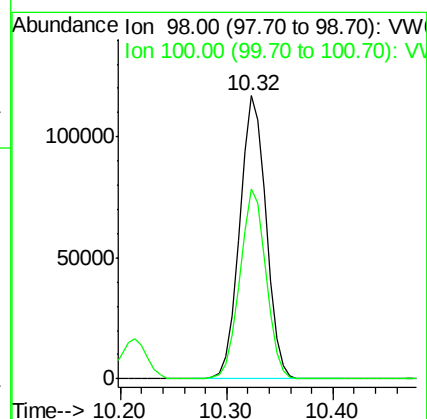
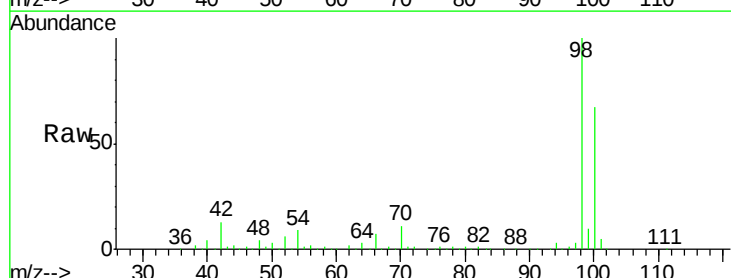
Acq: 08 Jan 2019 18:21

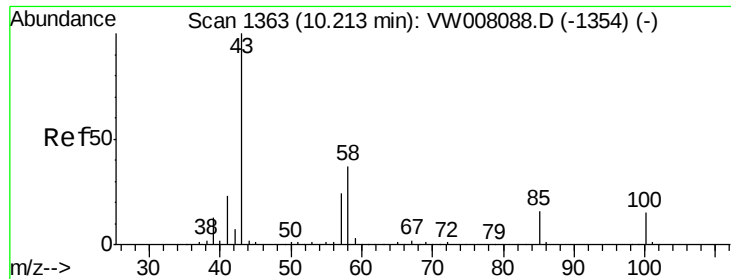
Tgt Ion: 98 Resp: 203418

Ion Ratio Lower Upper

98 100

100 66.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 262.457 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

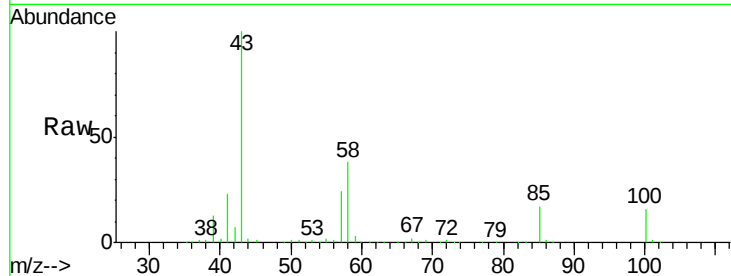
ICVW010819

Tot Ion: 43 Resp: 185464

Ion Ratio Lower Upper

43 100

58 38.3 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

100000

80000

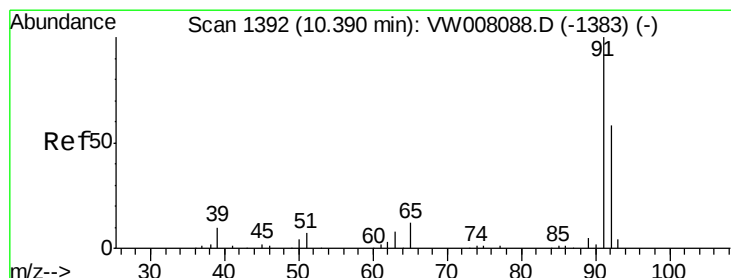
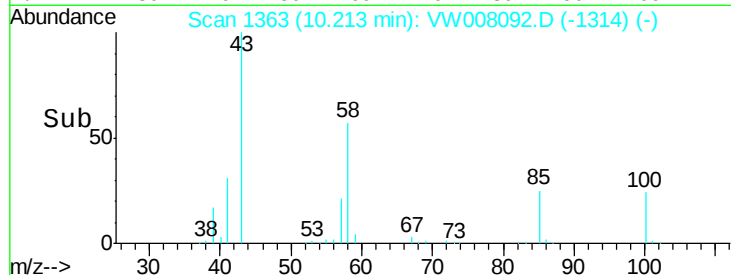
60000

40000

20000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 49.734 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008092.D

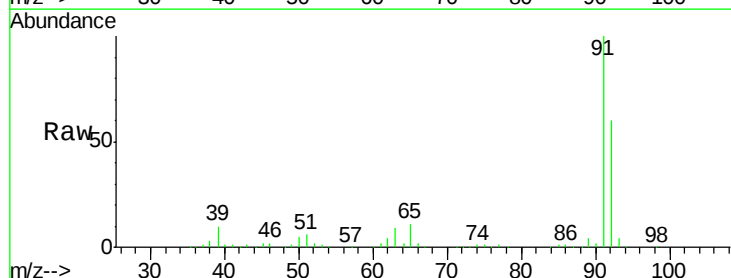
Acq: 08 Jan 2019 18:21

Tgt Ion: 92 Resp: 157003

Ion Ratio Lower Upper

92 100

91 172.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

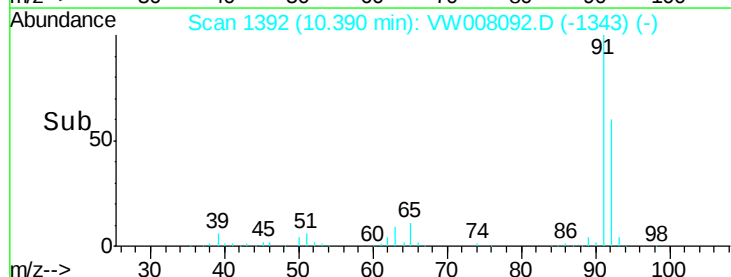
150000

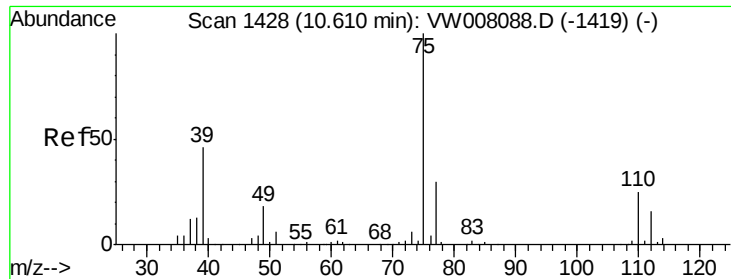
100000

50000

0

Time--> 10.30 10.40

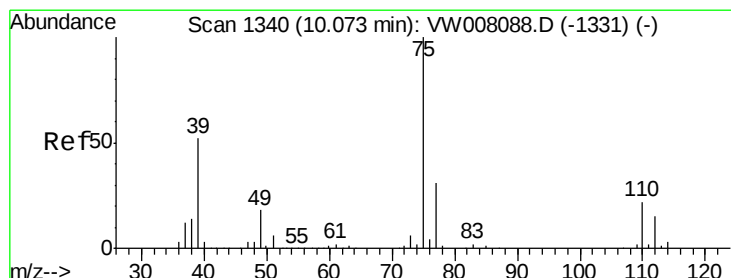
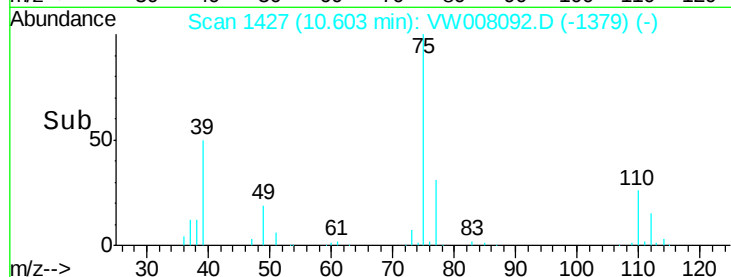
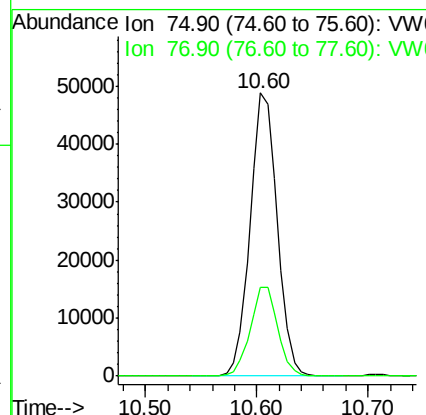
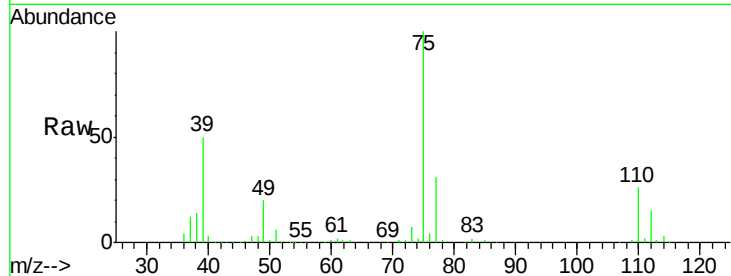




#53
t-1,3-Dichloropropene
Concen: 52.049 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

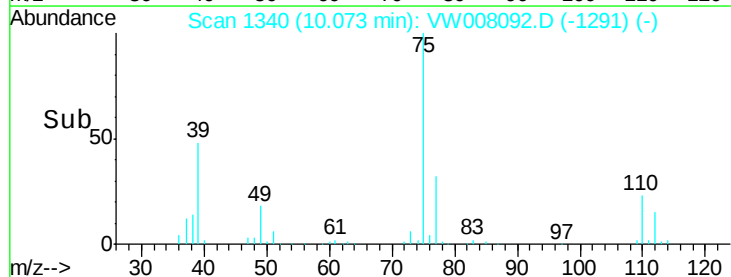
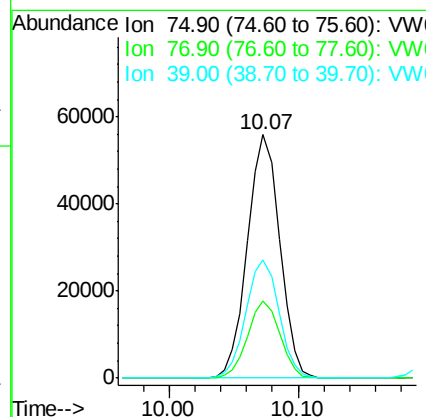
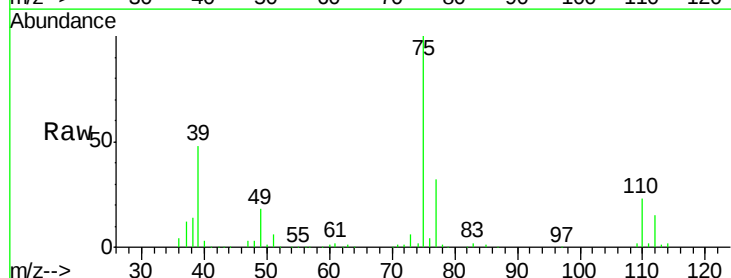
Instrument :
MSVOA_W
ClientSampled :
ICVW010819

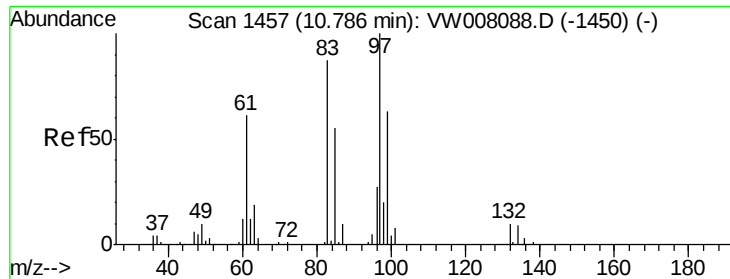
Tot Ion: 75 Resp: 82751
Ion Ratio Lower Upper
75 100
77 31.3 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 51.469 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 75 Resp: 97034
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 48.2 41.4 62.0

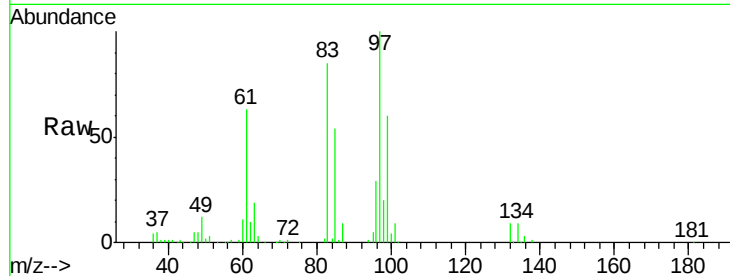




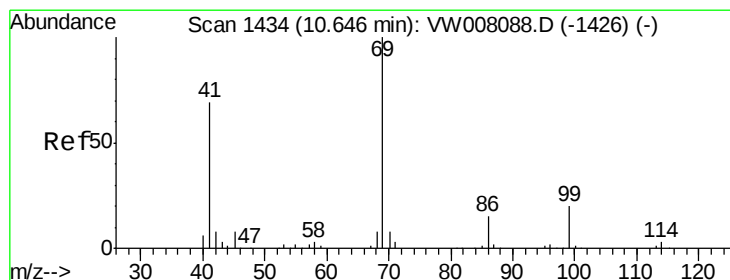
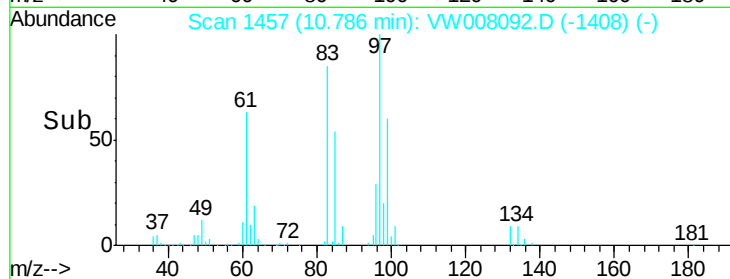
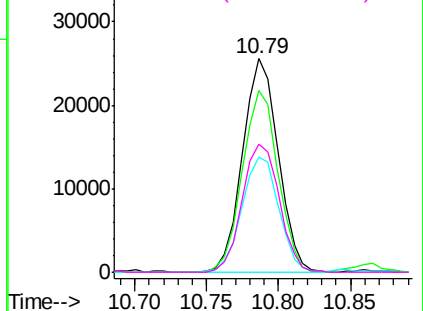
#55
 1,1,2-Trichloroethane
 Concen: 51.950 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

Tot Ion:	97	Resp:	43904
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.3	103.9
85	54.2	43.8	65.6
99	60.1	50.0	75.0

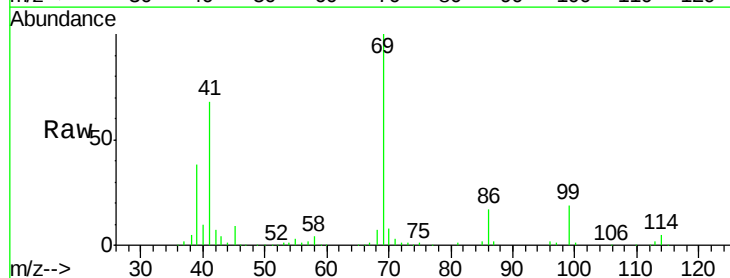


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

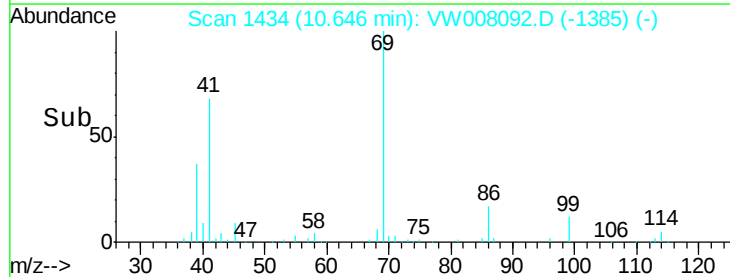
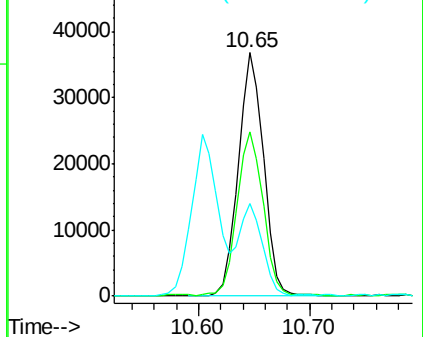


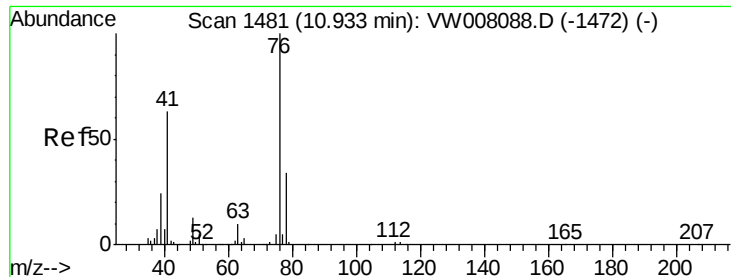
#56
 Ethyl methacrylate
 Concen: 55.318 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion:	69	Resp:	57896
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.4	84.6
39	34.6	28.1	42.1



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

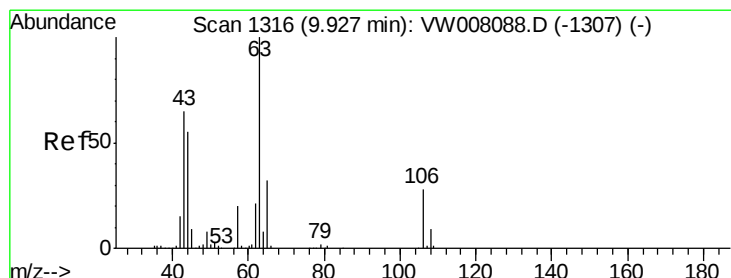
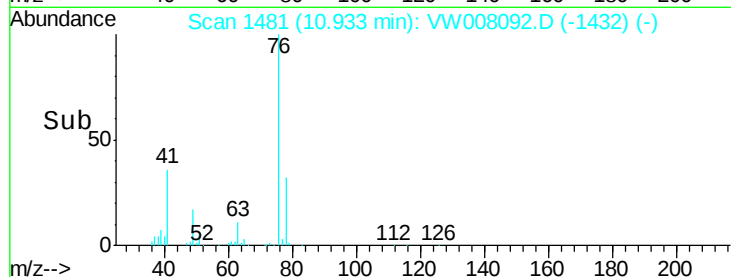
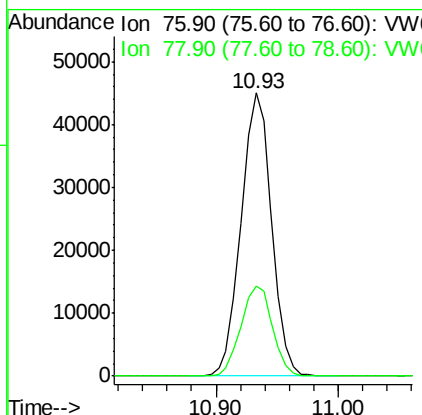
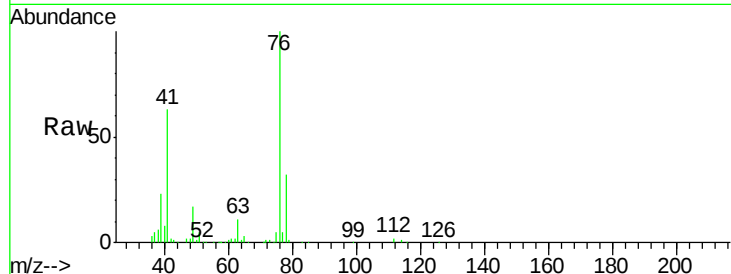




#57
 1,3-Dichloropropane
 Concen: 50.334 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

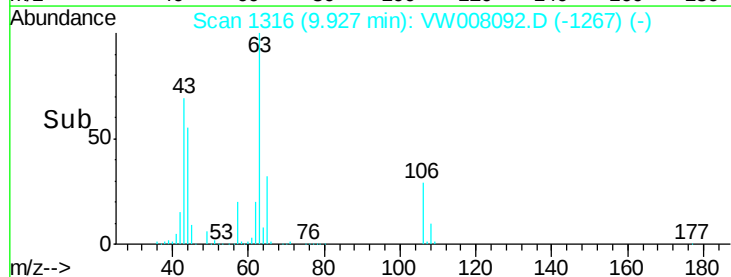
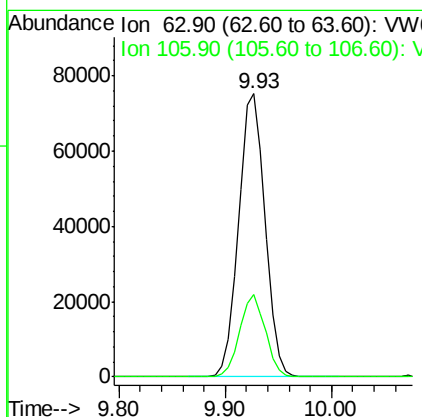
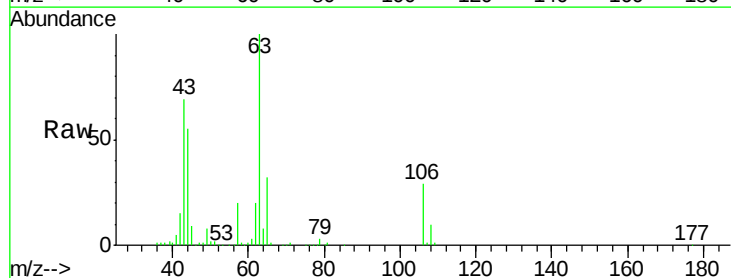
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

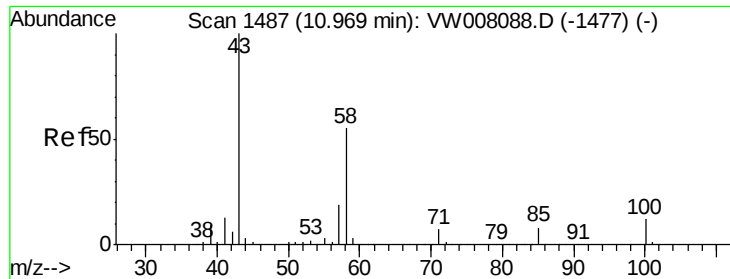
Tot Ion: 76 Resp: 77796
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.929 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion: 63 Resp: 131334
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.6

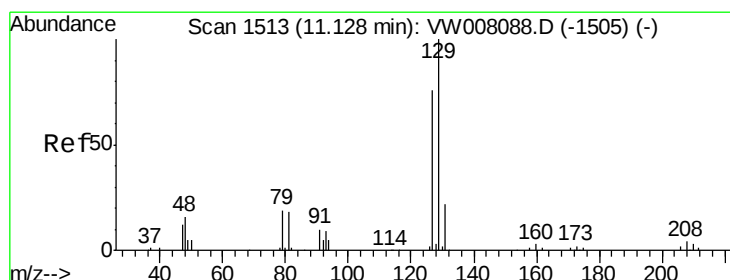
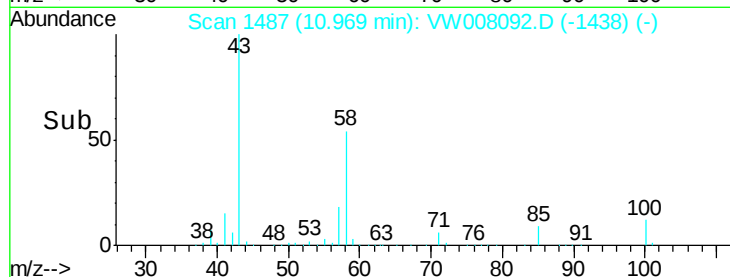
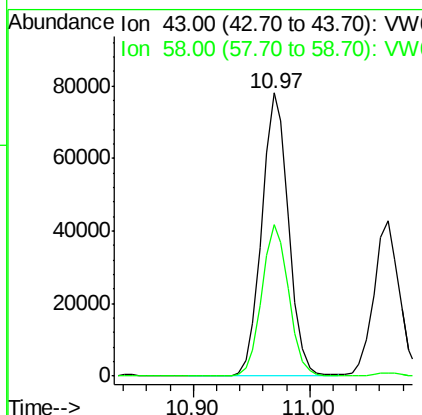
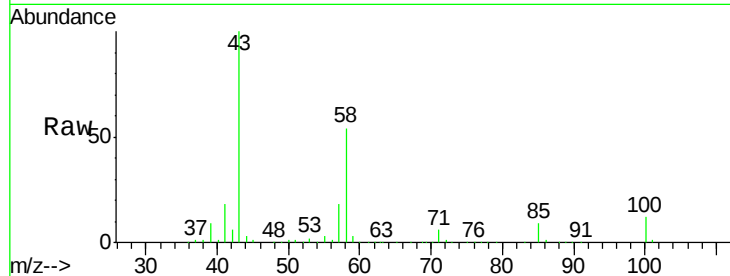




#59
2-Hexanone
Concen: 261.885 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

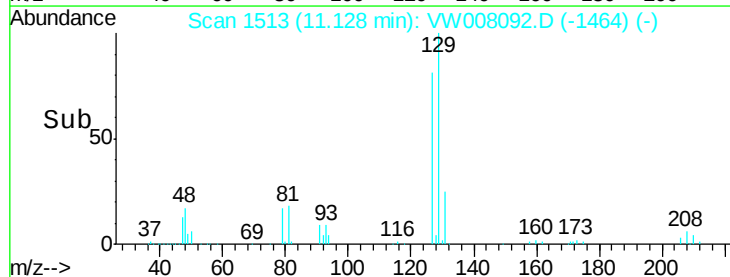
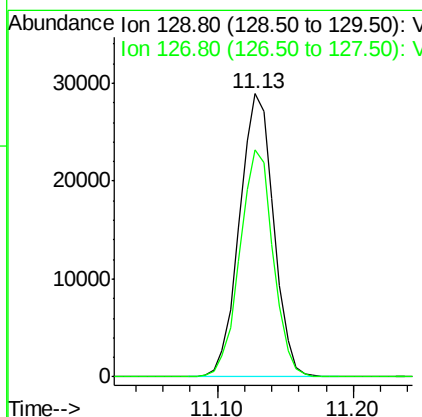
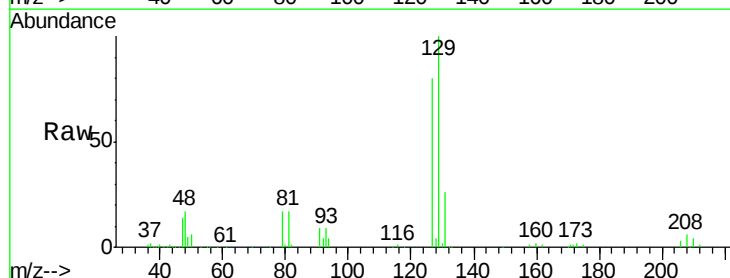
Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

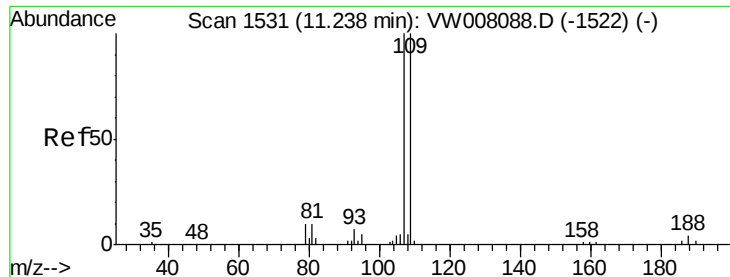
Tot Ion: 43 Resp: 125146
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5



#60
Dibromochloromethane
Concen: 54.611 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 129 Resp: 50681
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.785 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

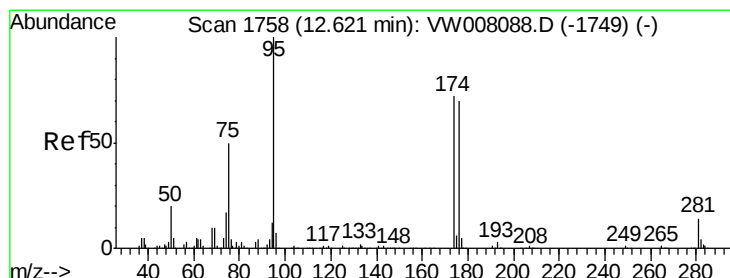
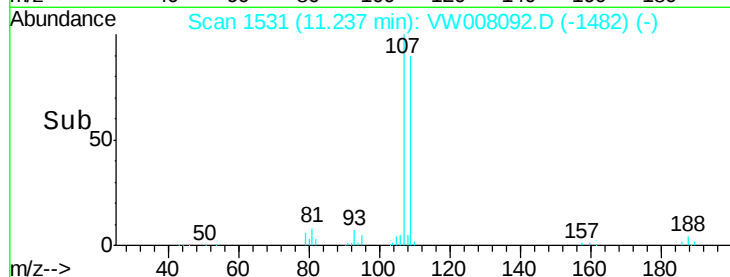
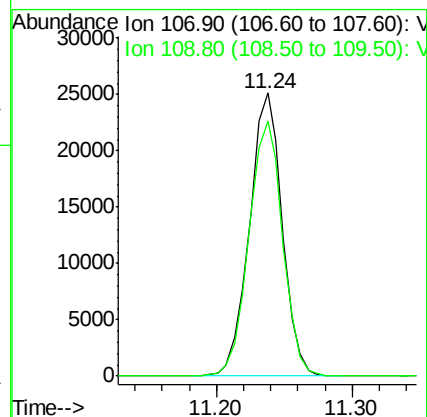
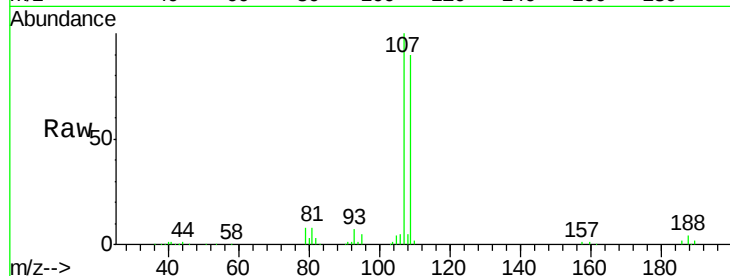
ICVW010819

Tot Ion:107 Resp: 42329

Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.007 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

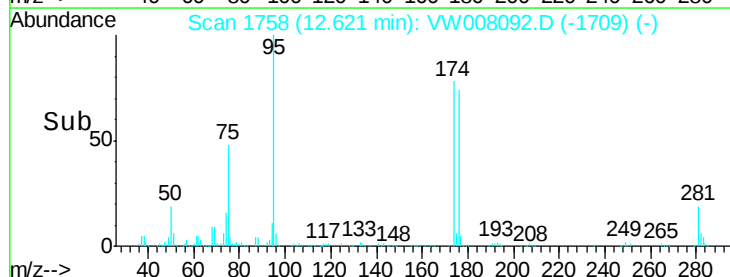
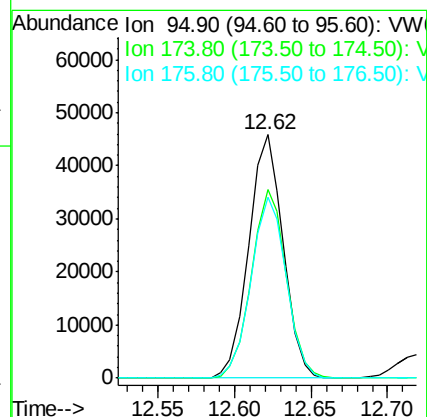
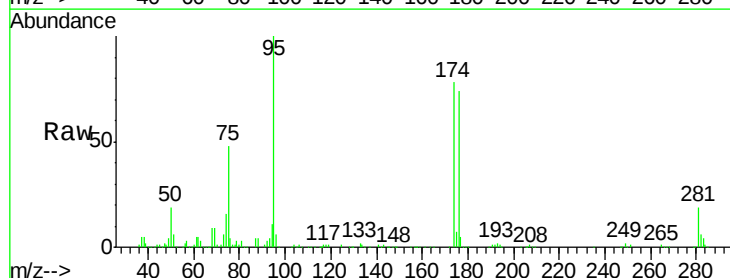
Tgt Ion: 95 Resp: 71420

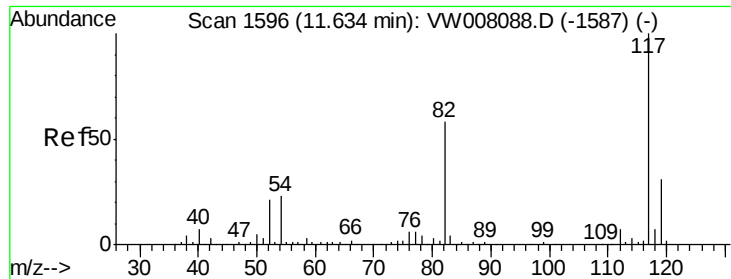
Ion Ratio Lower Upper

95 100

174 78.6 0.0 143.0

176 76.2 0.0 140.2

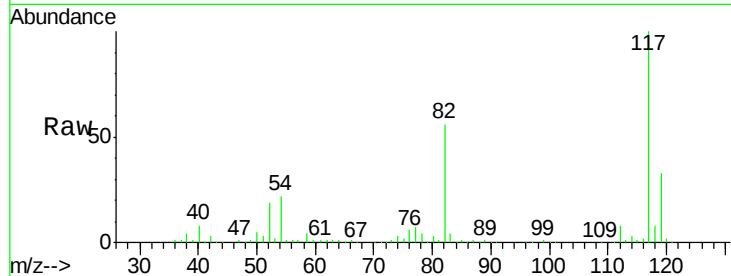




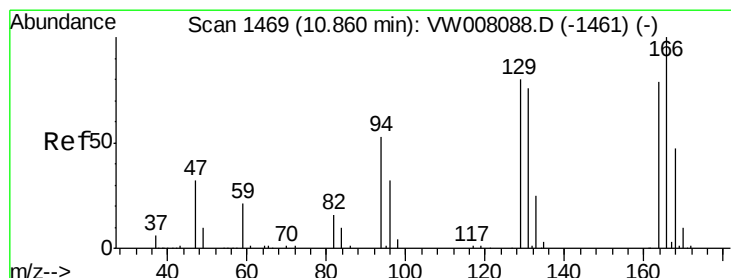
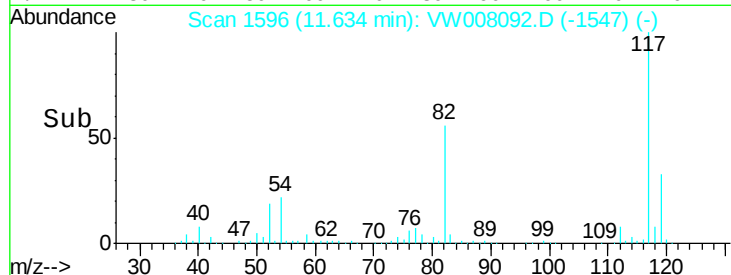
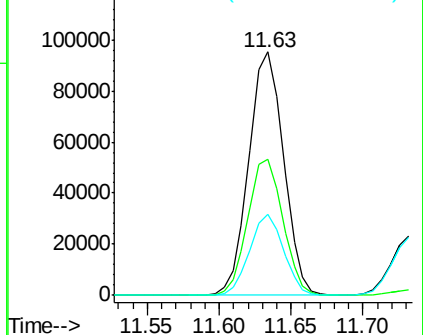
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

Tot Ion:117 Resp: 159491
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 33.4 24.7 37.1

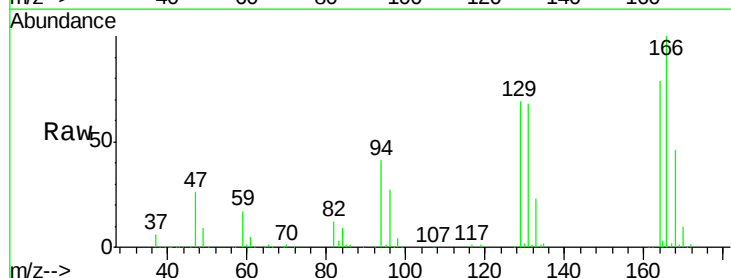


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

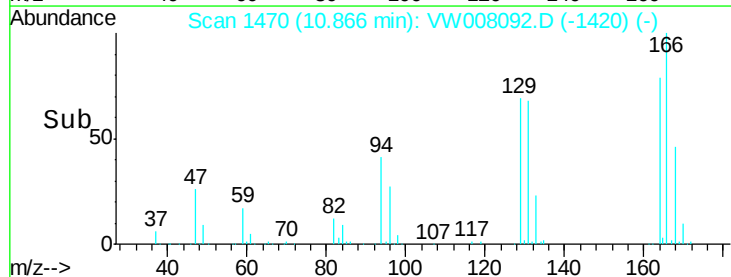
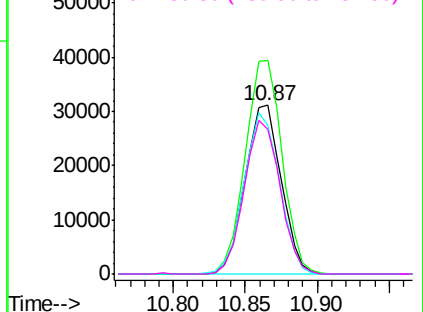


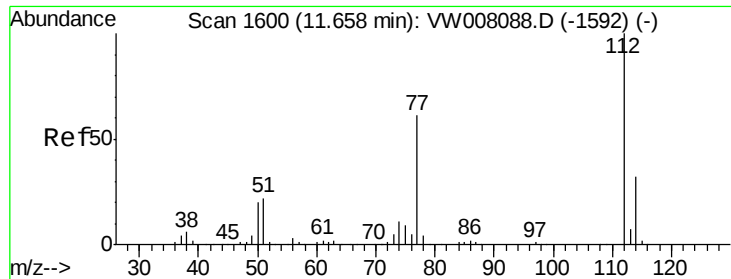
#64
Tetrachloroethene
Concen: 52.246 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion:164 Resp: 54229
Ion Ratio Lower Upper
164 100
166 126.9 100.7 151.1
129 88.1 81.0 121.4
131 85.9 76.1 114.1



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





#65

Chlorobenzene

Concen: 49.769 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

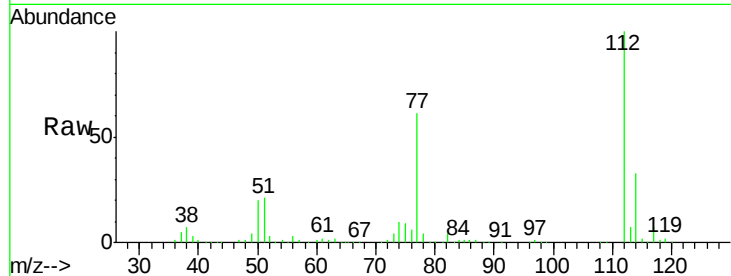
ICVW010819

Tot Ion:112 Resp: 168167

Ion Ratio Lower Upper

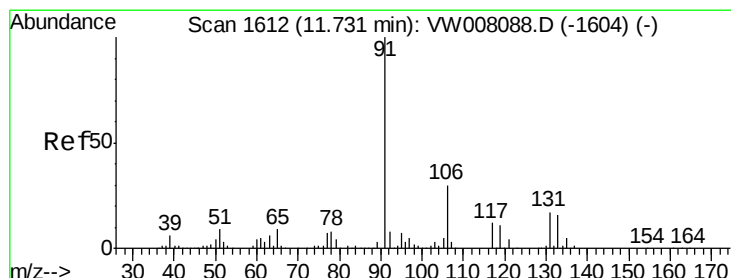
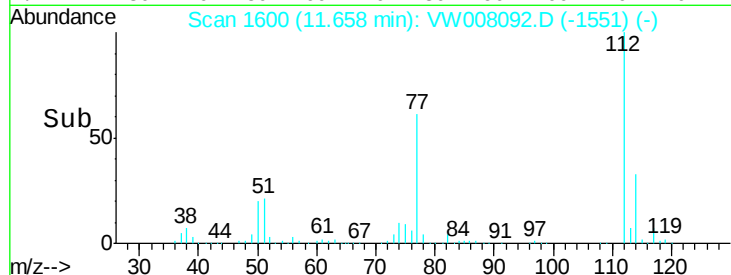
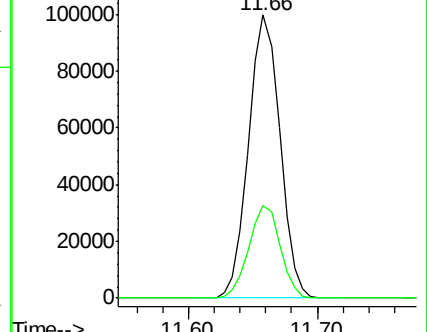
112 100

114 32.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.570 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

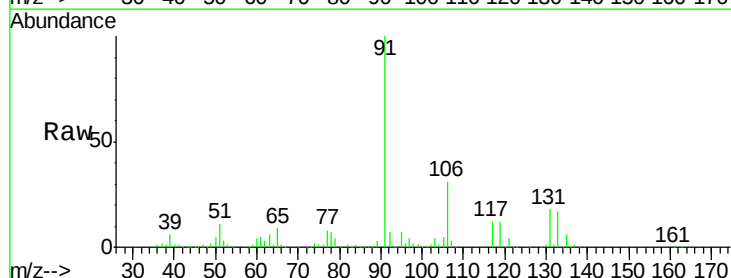
Tgt Ion:131 Resp: 56676

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.7

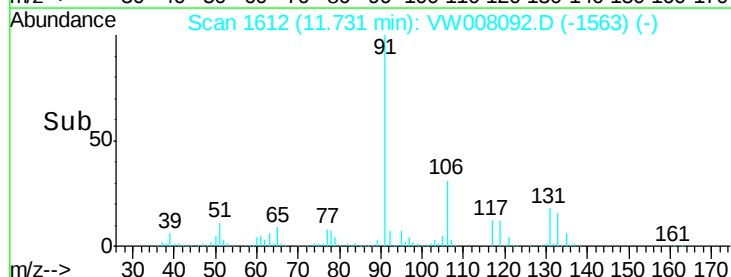
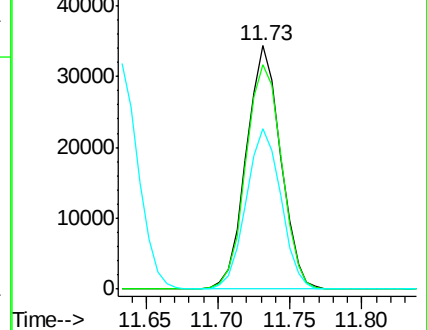
119 66.5 32.5 97.4

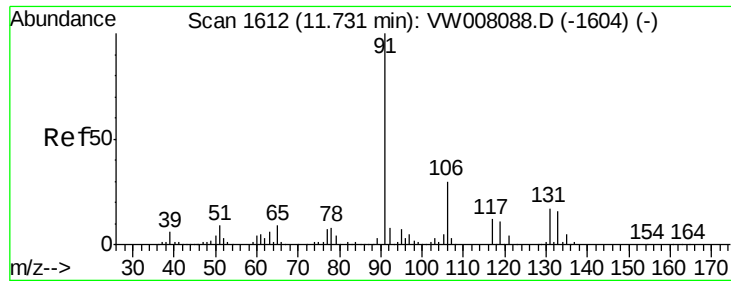


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

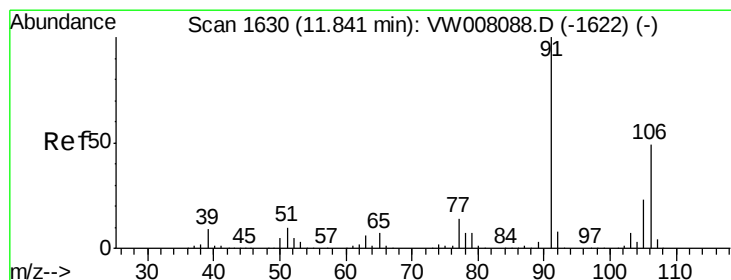
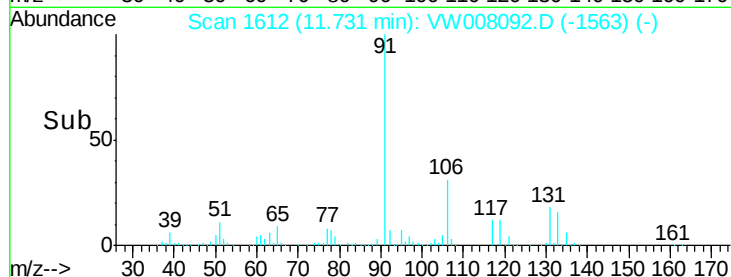
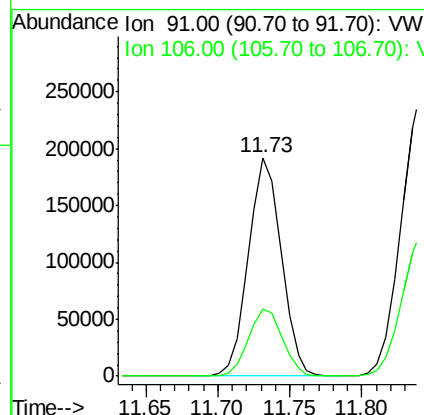
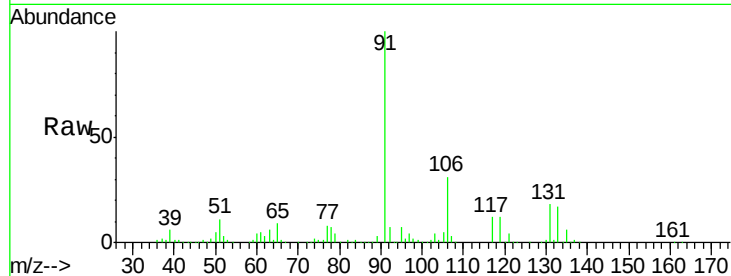




#67
Ethyl Benzene
Concen: 49.008 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

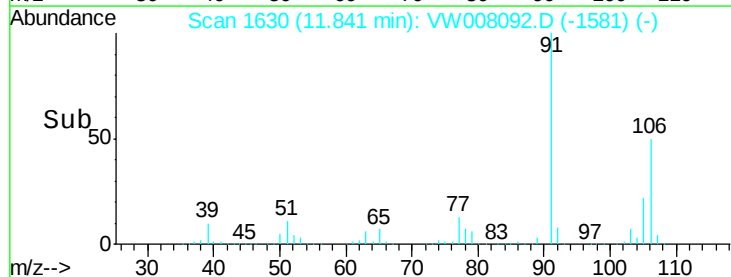
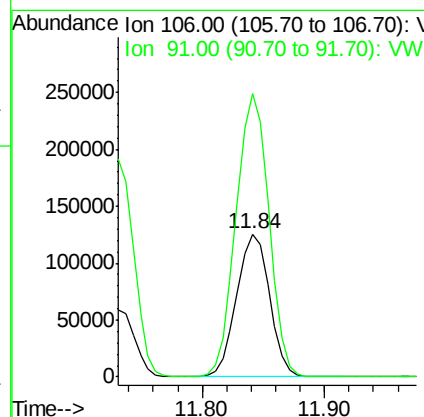
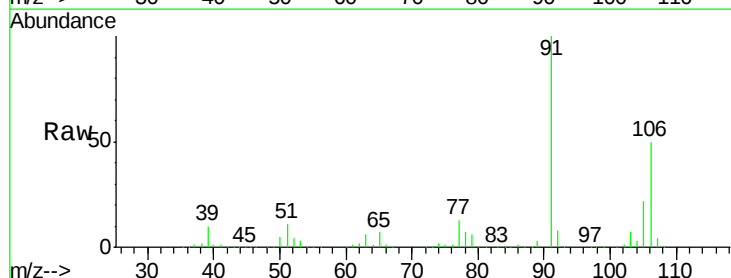
Instrument :
MSVOA_W
ClientSampleID :
ICVW010819

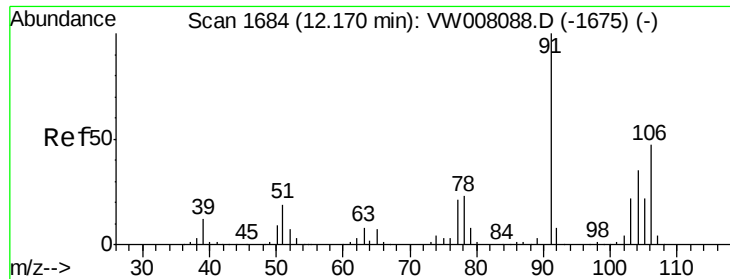
Tot Ion: 91 Resp: 302993
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 98.997 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 106 Resp: 233613
Ion Ratio Lower Upper
106 100
91 198.6 162.4 243.6

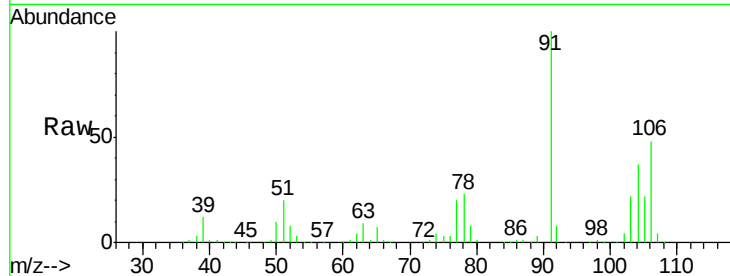




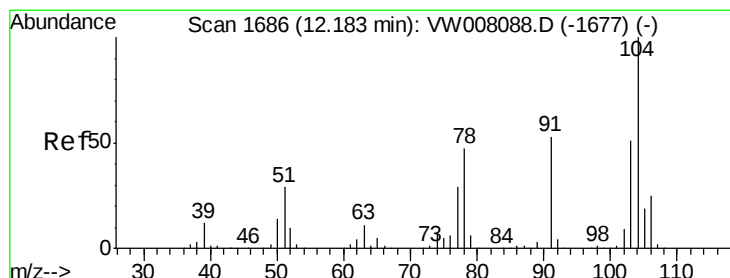
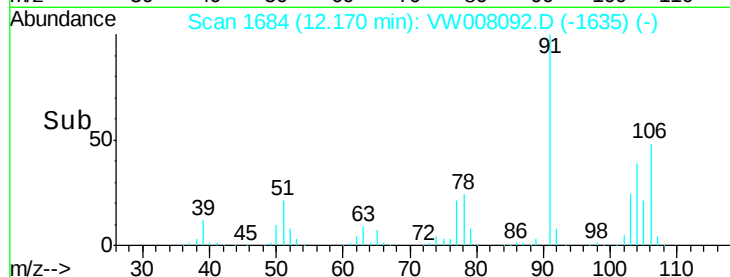
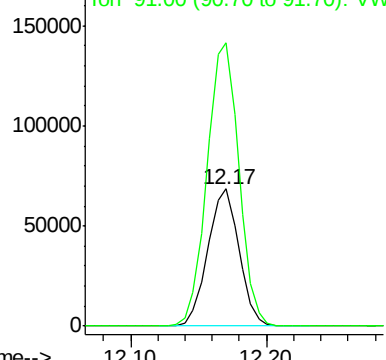
#69
o-Xylene
Concen: 50.325 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

Tot Ion:106 Resp: 109973
Ion Ratio Lower Upper
106 100
91 209.6 107.8 323.6

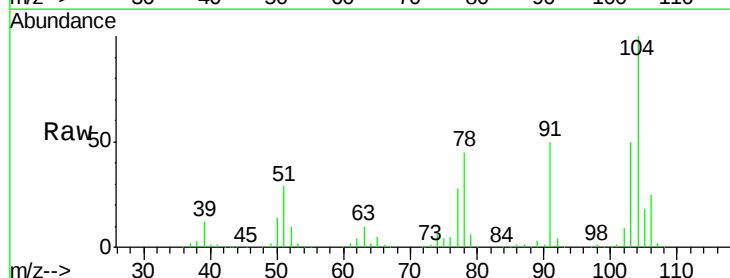


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

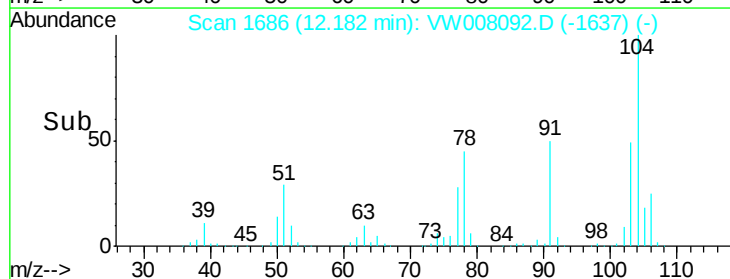
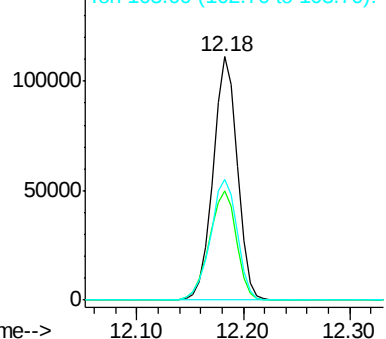


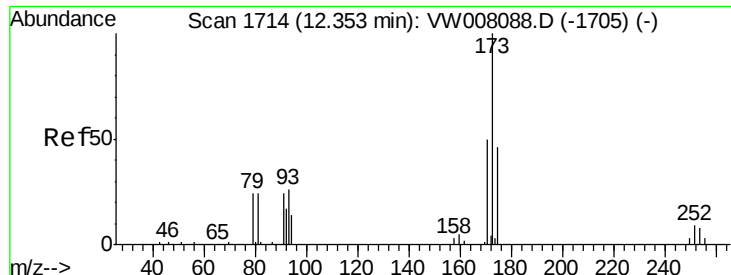
#70
Styrene
Concen: 52.046 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion:104 Resp: 178146
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 54.8 43.8 65.8



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





#71

Bromoform

Concen: 57.959 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

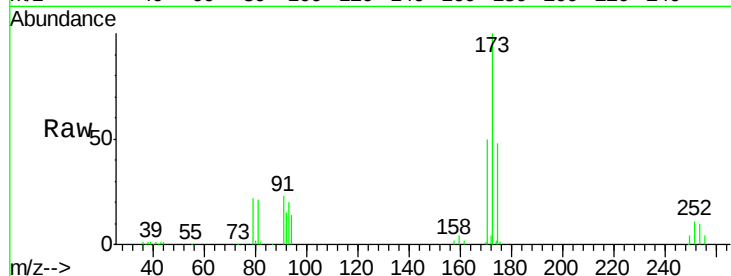
Tot Ion:173 Resp: 28508

Ion Ratio Lower Upper

173 100

175 47.9 23.3 69.8

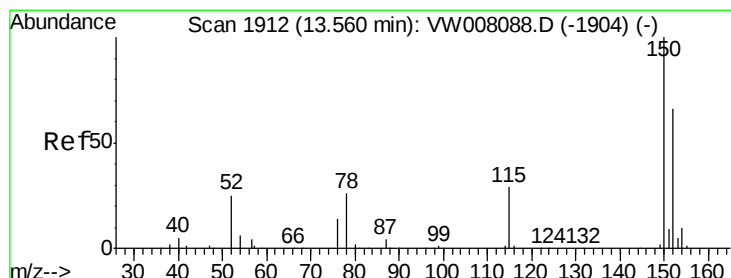
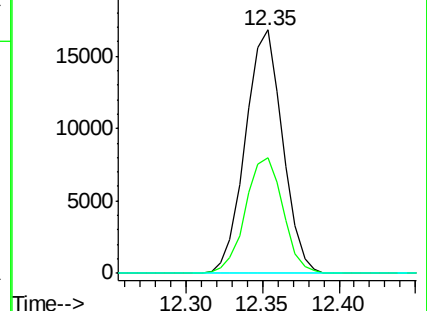
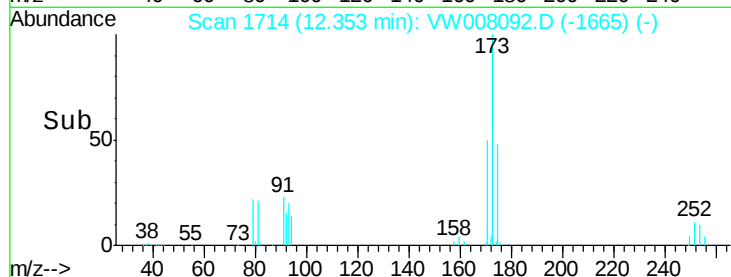
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

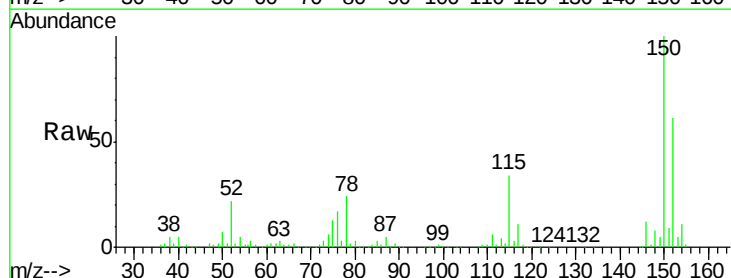
Tgt Ion:152 Resp: 78514

Ion Ratio Lower Upper

152 100

115 56.5 30.8 92.4

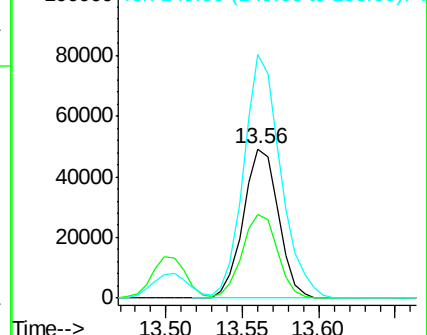
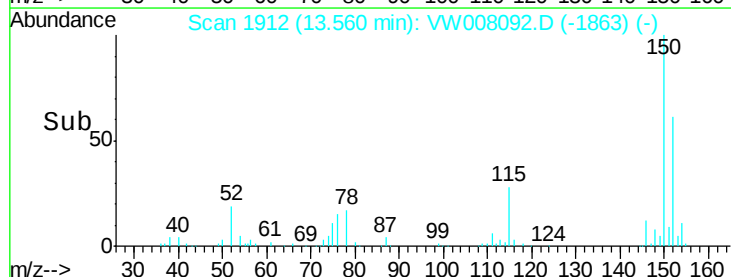
150 171.1 0.0 350.2

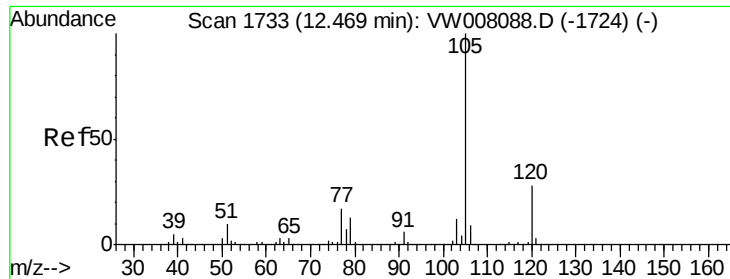


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.121 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

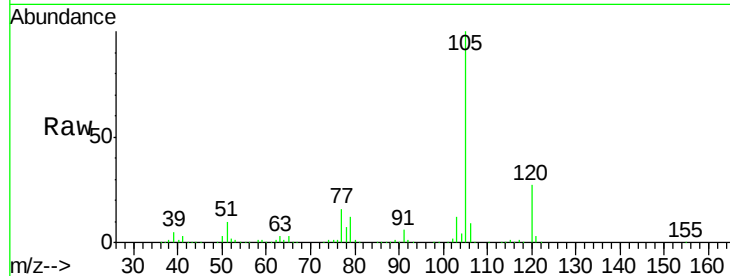
ICVW010819

Tot Ion:105 Resp: 296622

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

150000

100000

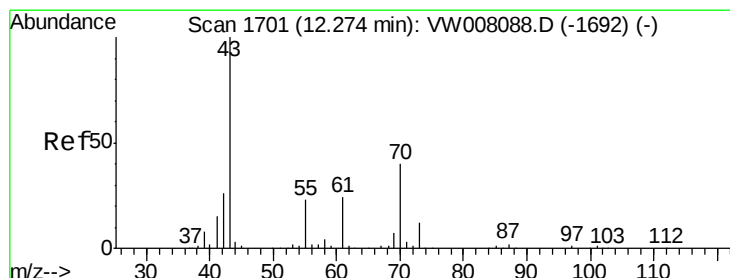
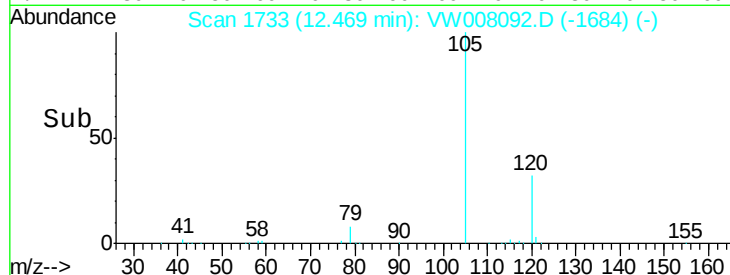
50000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 53.139 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Tgt Ion: 43 Resp: 72538

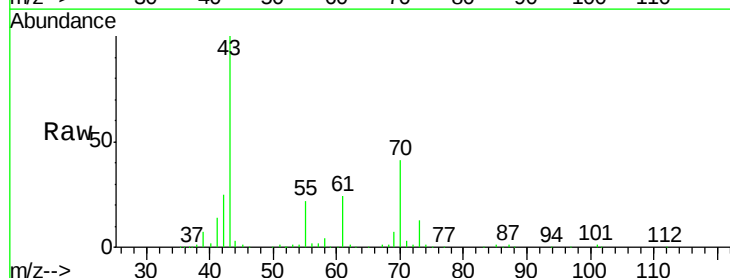
Ion Ratio Lower Upper

43 100

70 40.6 32.4 48.6

55 22.7 18.7 28.1

61 23.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

60000

40000

20000

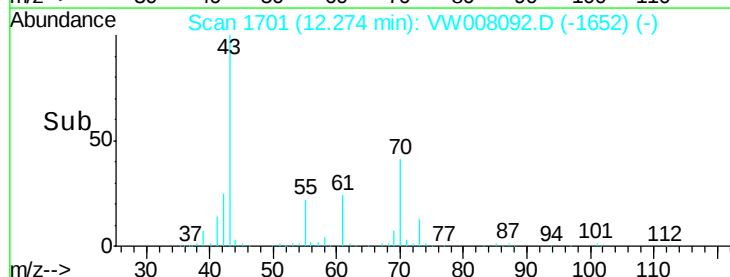
0

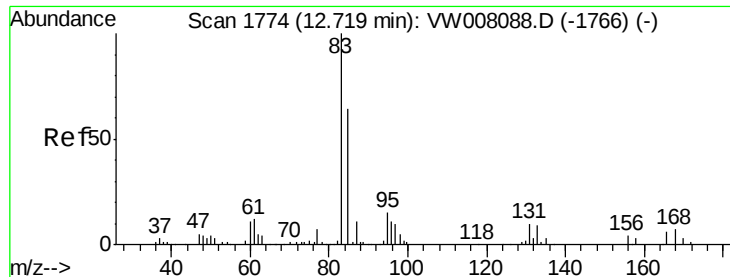
Time-->

12.20

12.30

12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 50.302 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

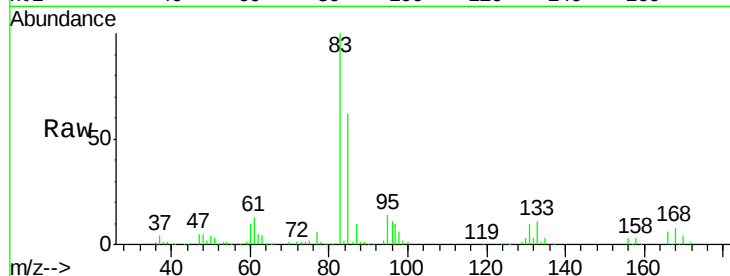
Tot Ion: 83 Resp: 49630

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

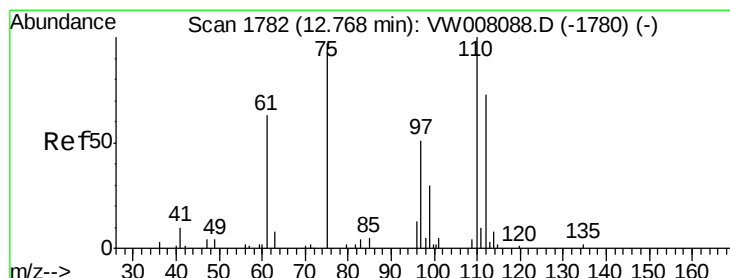
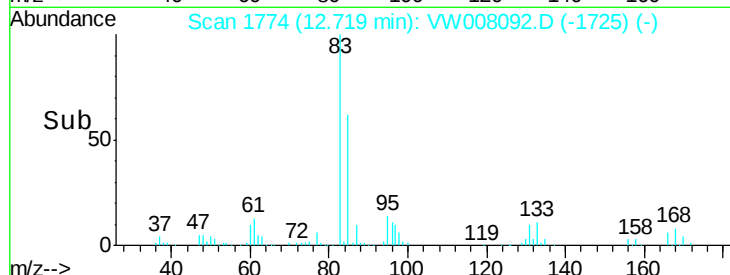
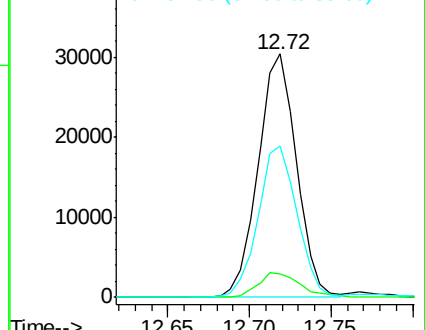
85 63.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 93.527 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008092.D

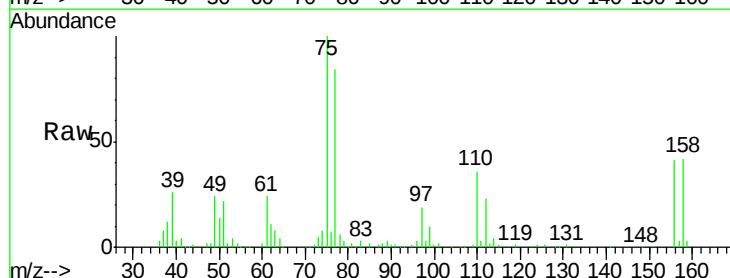
Acq: 08 Jan 2019 18:21

Tgt Ion: 75 Resp: 66941

Ion Ratio Lower Upper

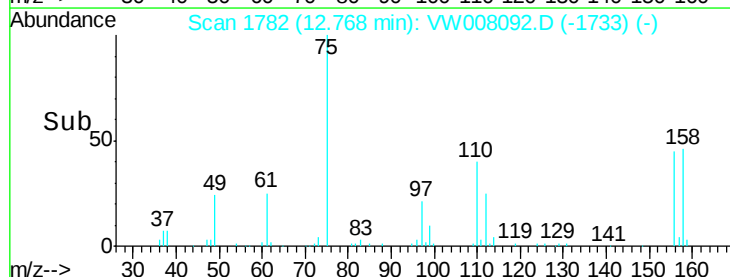
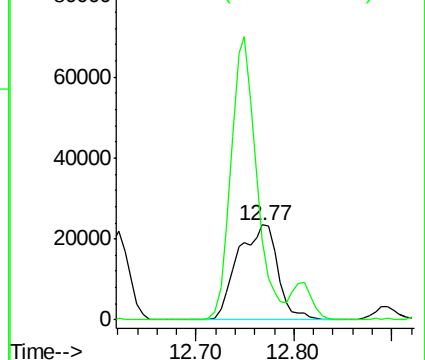
75 100

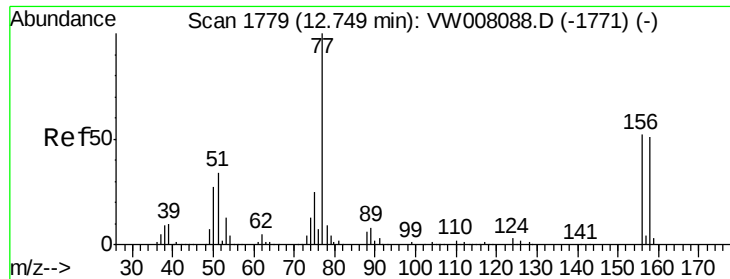
77 190.5 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.481 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

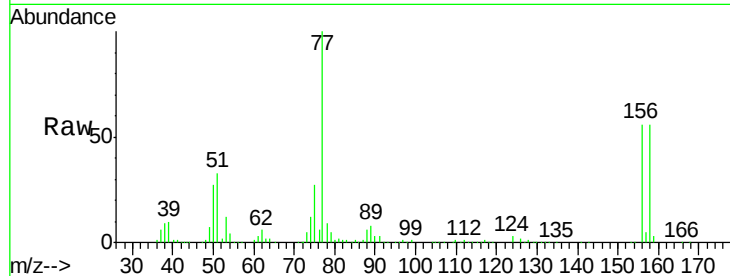
Tot Ion:156 Resp: 65749

Ion Ratio Lower Upper

156 100

77 194.0 104.2 312.5

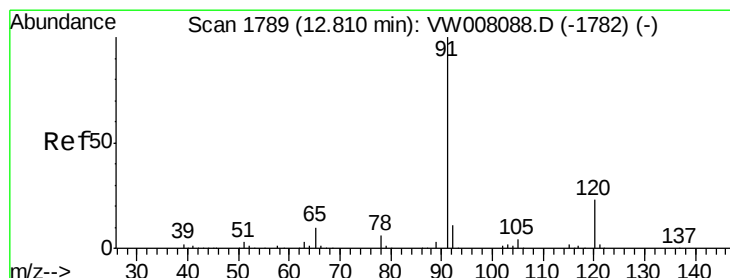
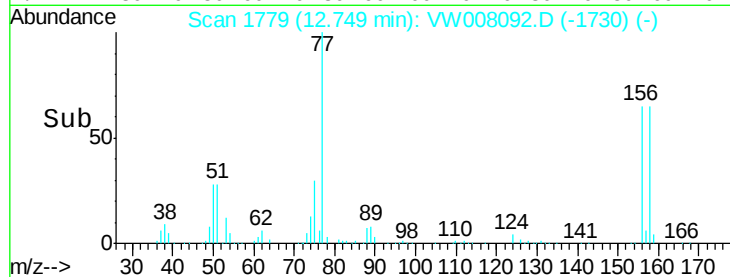
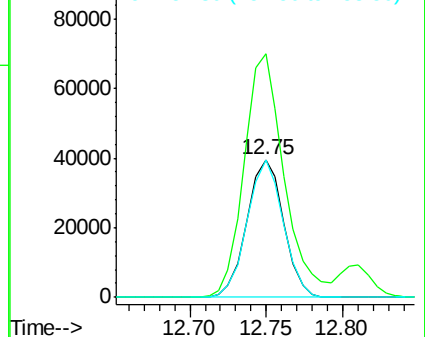
158 98.1 47.9 143.6



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: 47.575 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008092.D

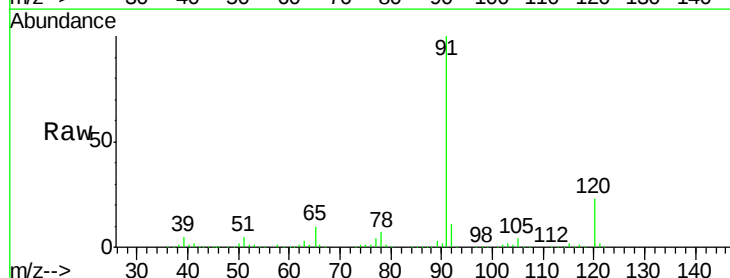
Acq: 08 Jan 2019 18:21

Tgt Ion: 91 Resp: 359321

Ion Ratio Lower Upper

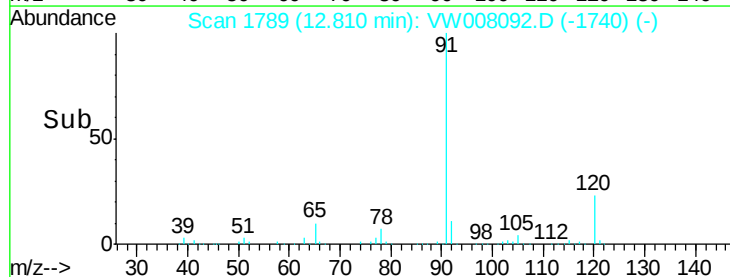
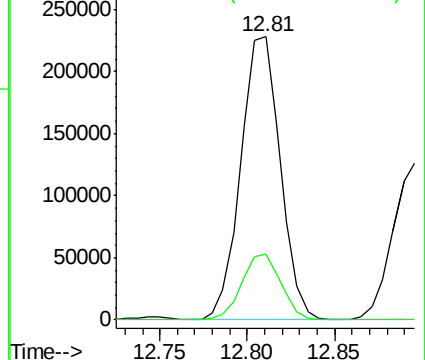
91 100

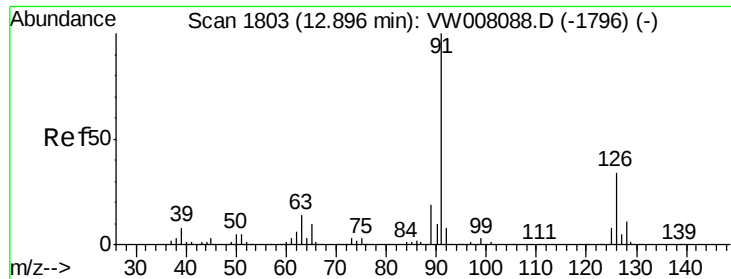
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.191 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

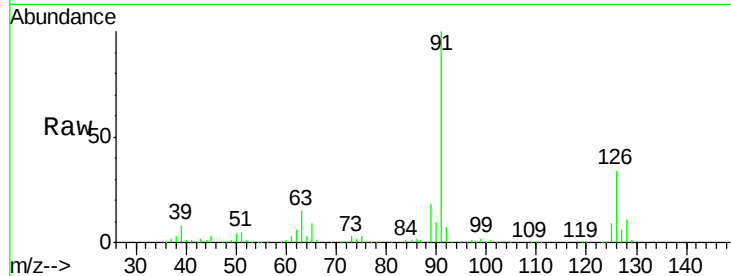
ICVW010819

Tot Ion: 91 Resp: 198850

Ion Ratio Lower Upper

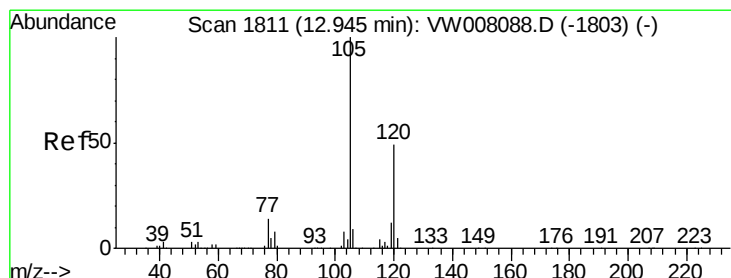
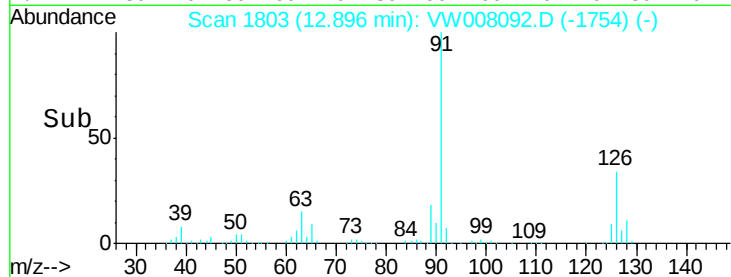
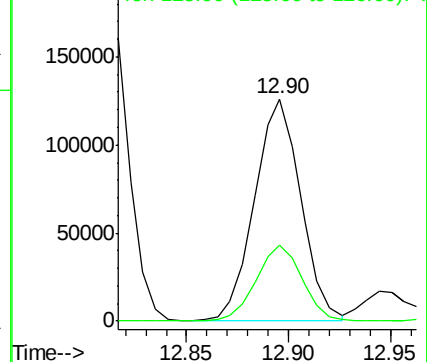
91 100

126 34.0 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.331 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008092.D

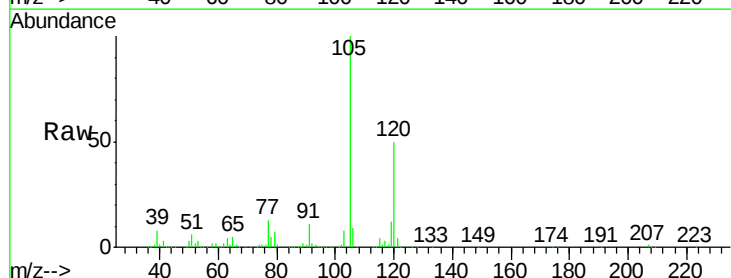
Acq: 08 Jan 2019 18:21

Tgt Ion:105 Resp: 244814

Ion Ratio Lower Upper

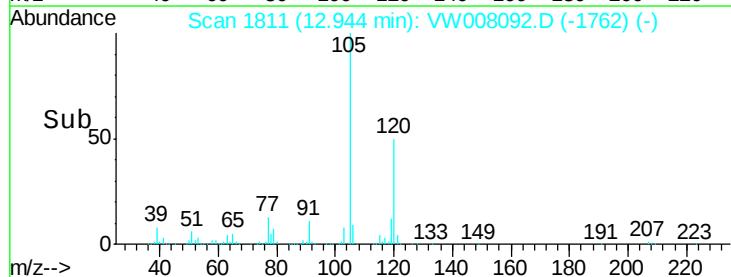
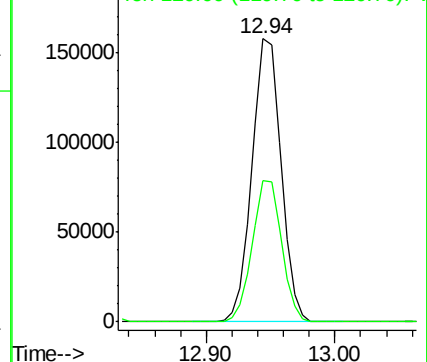
105 100

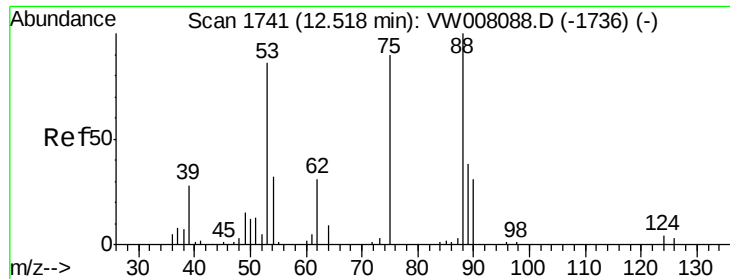
120 50.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

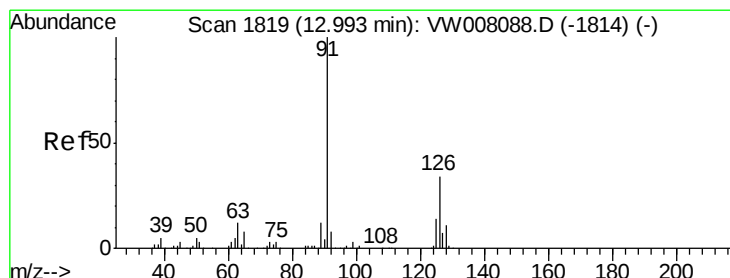
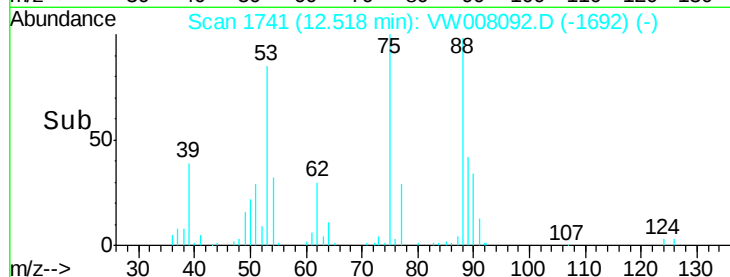
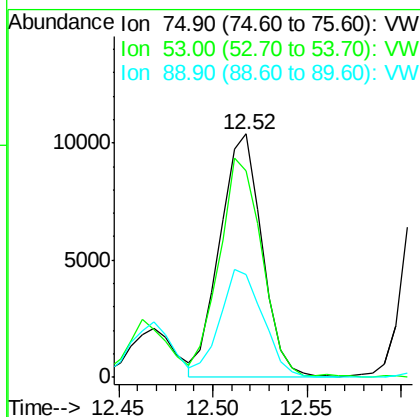
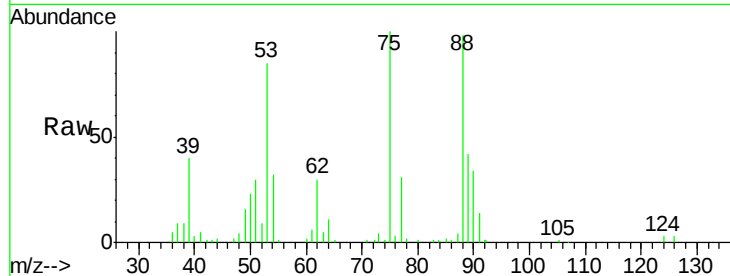




#81
trans-1,4-Dichloro-2-butene
Concen: 52.649 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

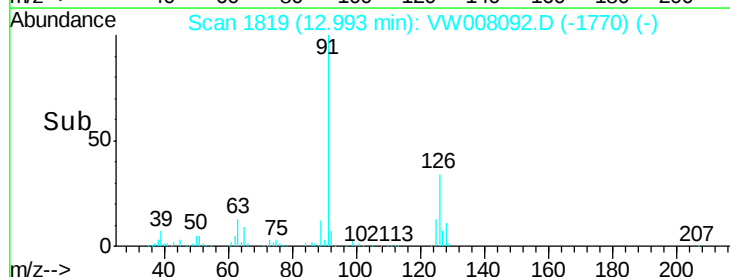
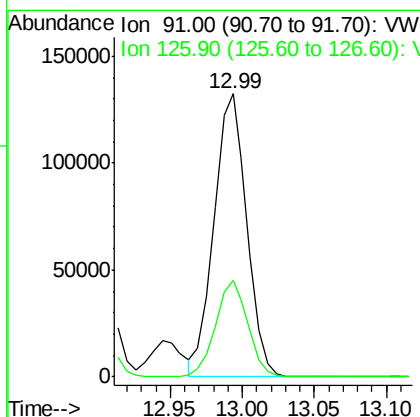
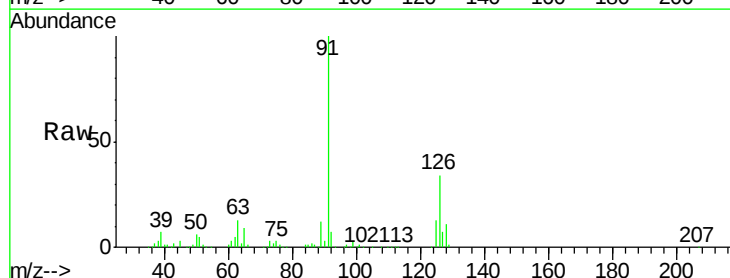
Instrument :
MSVOA_W
ClientSampled :
ICVW010819

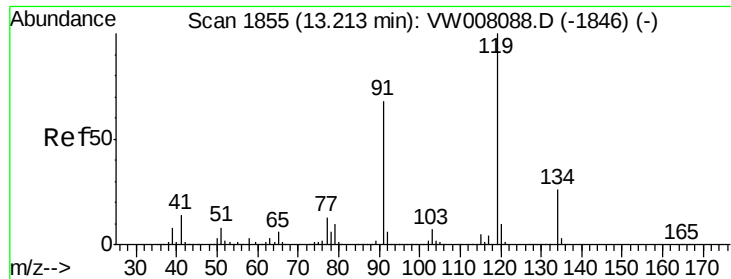
Tot Ion: 75 Resp: 16182
Ion Ratio Lower Upper
75 100
53 91.9 78.8 118.2
89 45.1 35.4 53.2



#82
4-Chlorotoluene
Concen: 47.329 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion: 91 Resp: 210043
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5

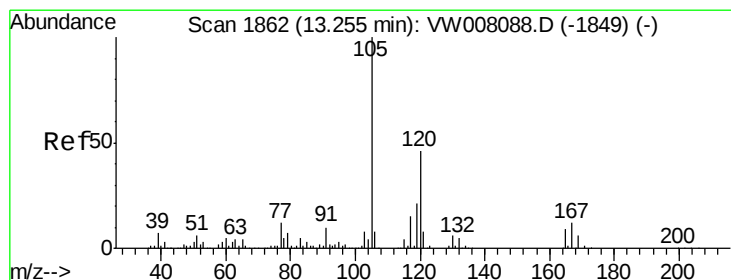
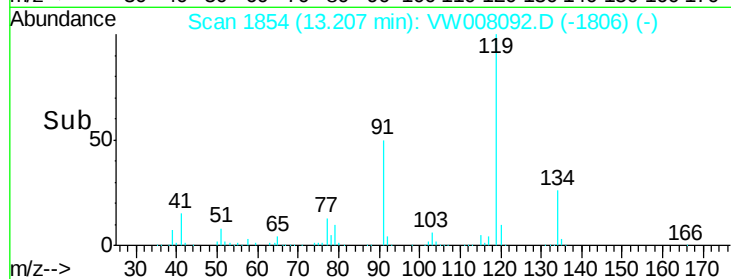
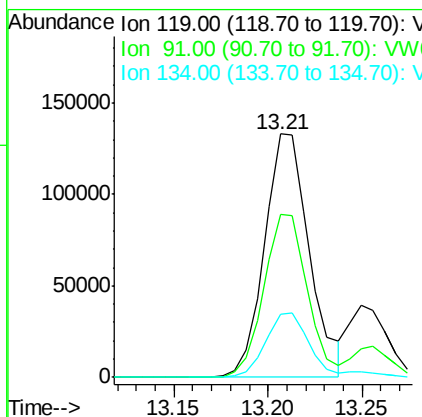
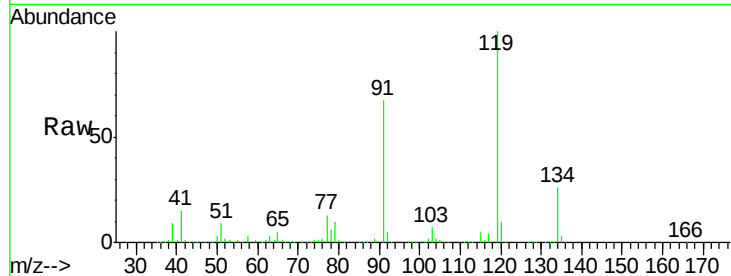




#83
tert-Butylbenzene
Concen: 49.063 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

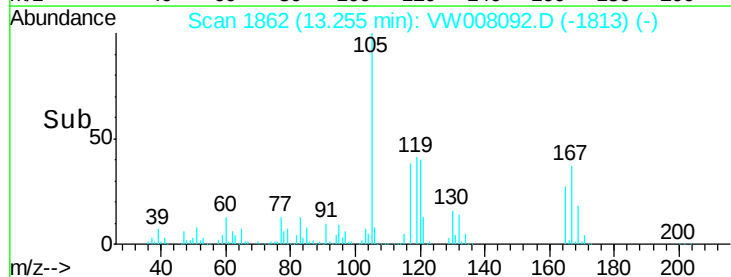
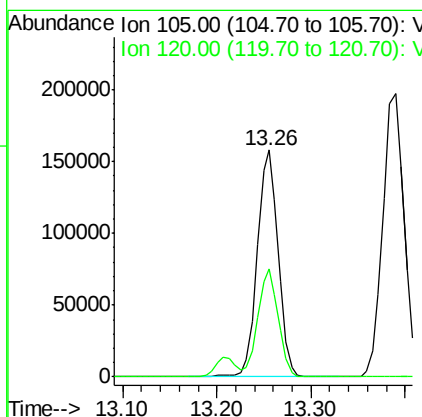
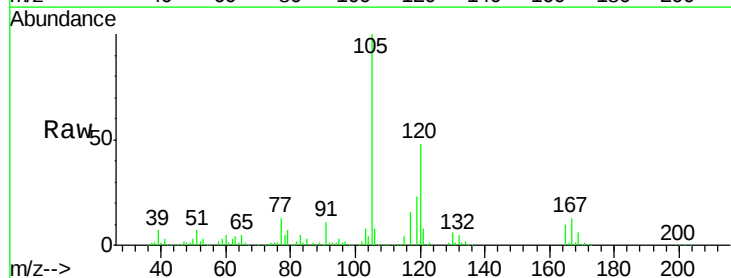
Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

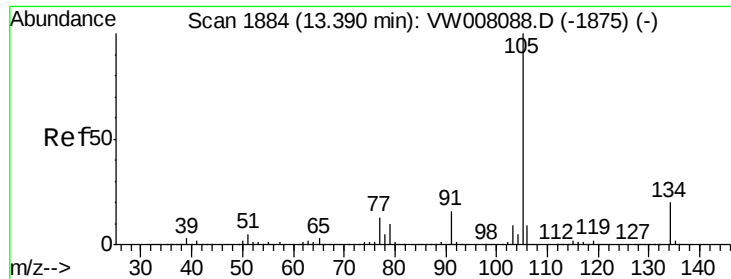
Tot Ion:119 Resp: 219865
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.6
134 27.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 47.344 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion:105 Resp: 247339
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1

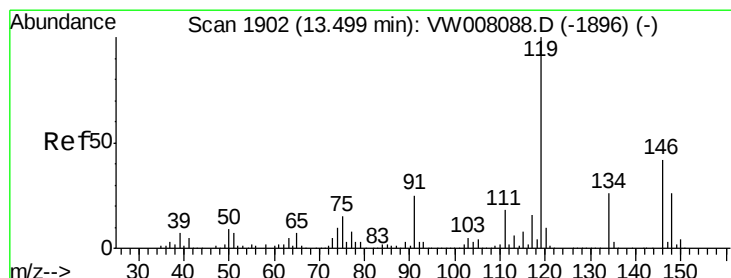
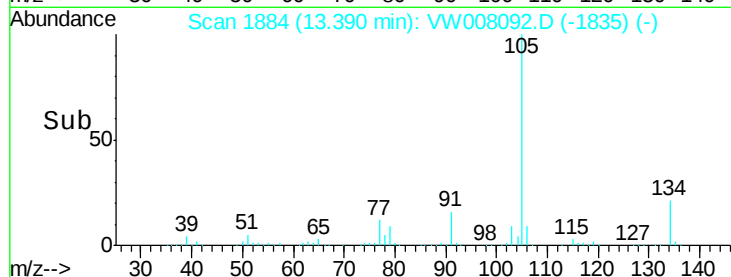
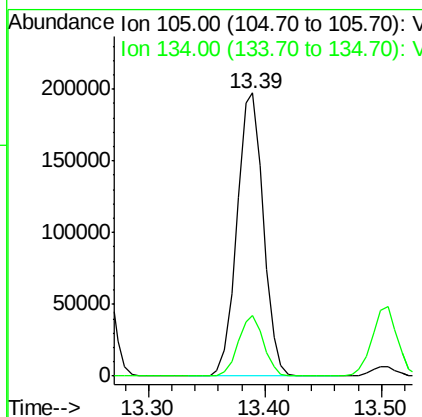
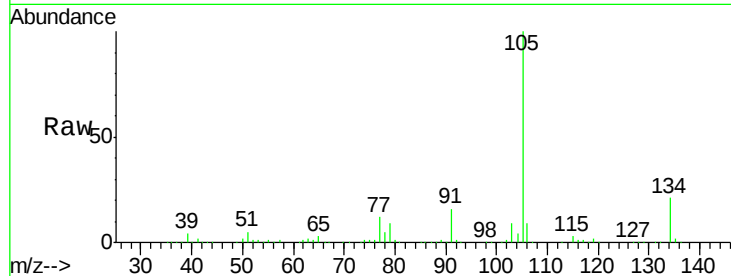




#85
 sec-Butylbenzene
 Concen: 47.362 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

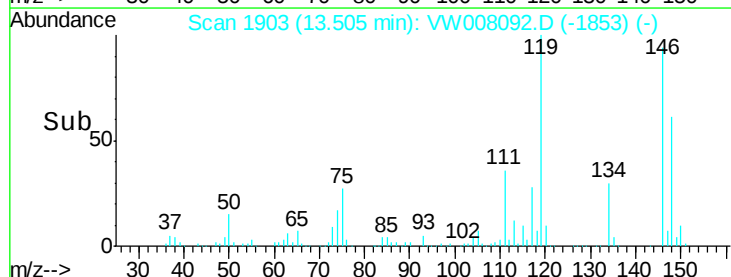
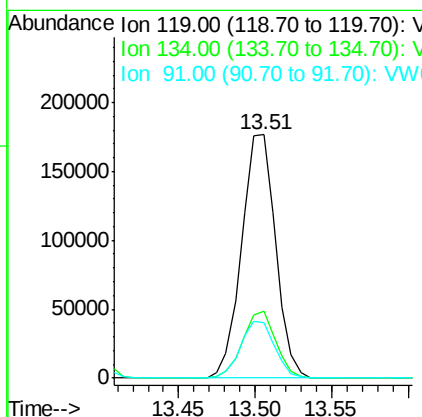
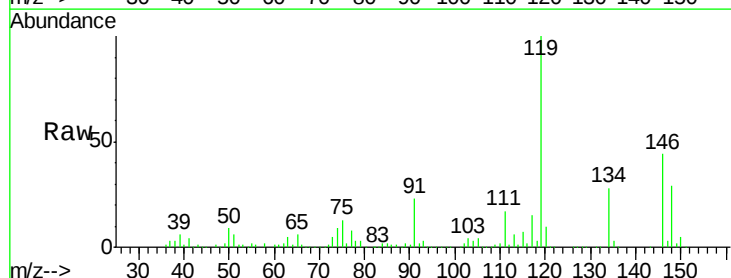
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

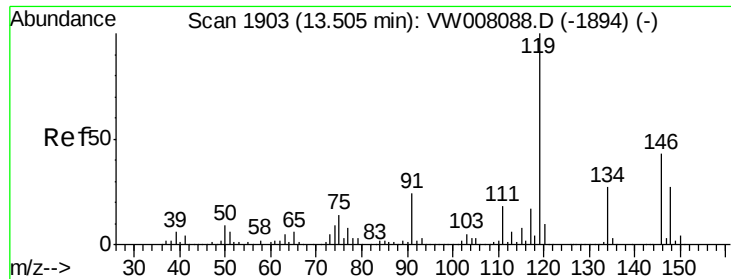
Tot Ion:105 Resp: 310906
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.884 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion:119 Resp: 271440
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 23.5 12.3 36.9

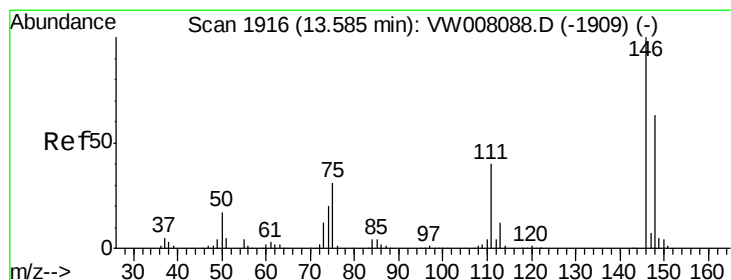
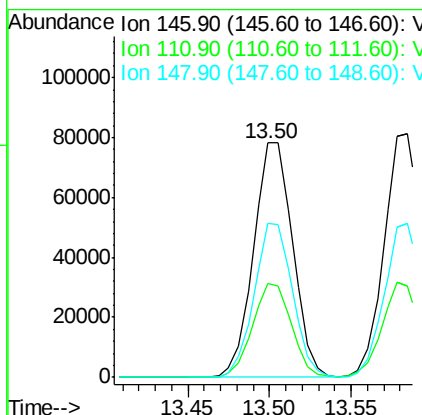
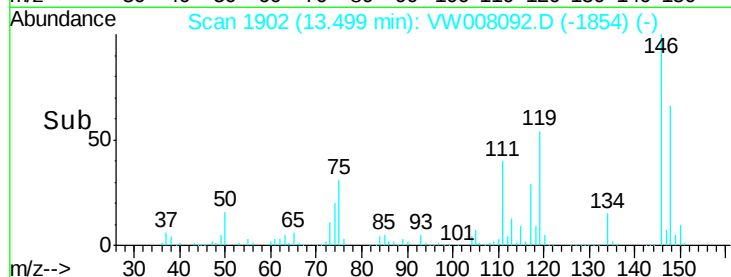
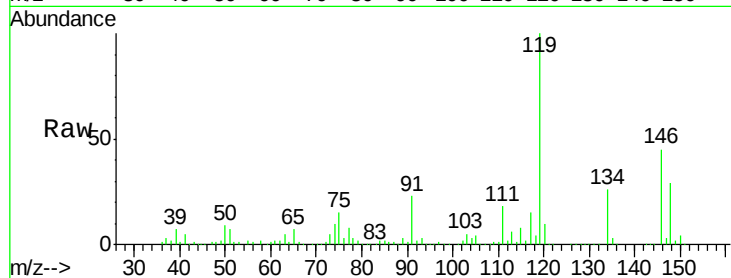




#87
 1,3-Dichlorobenzene
 Concen: 49.494 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

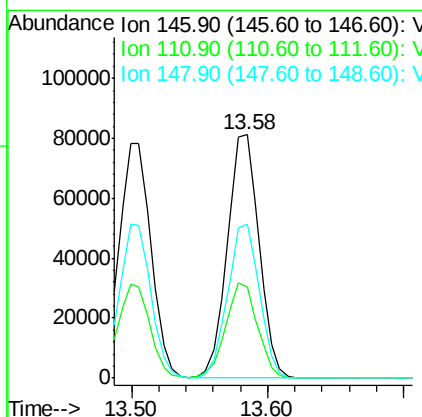
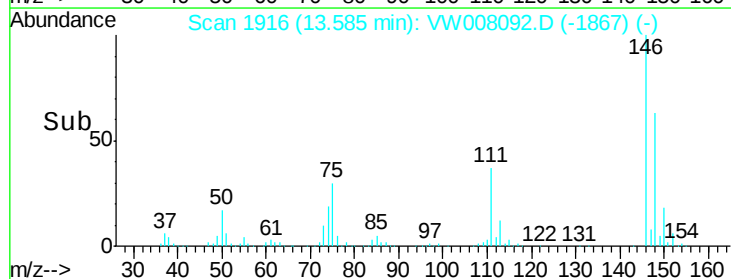
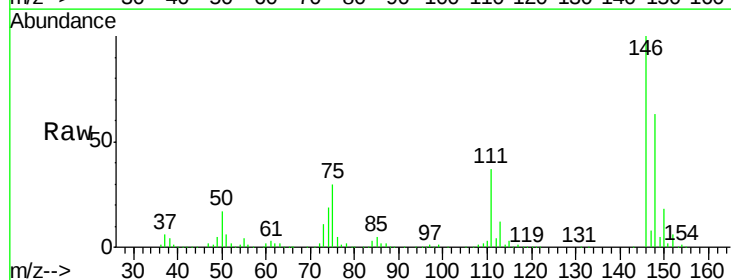
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

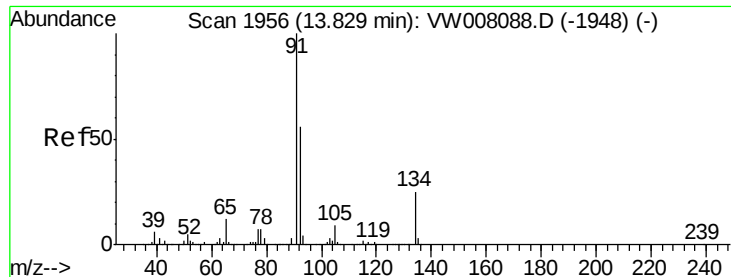
Tot Ion:146 Resp: 130767
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.1 63.1
 148 64.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 49.764 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion:146 Resp: 131915
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.5 61.5
 148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 47.818 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008092.D

Acq: 08 Jan 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW010819

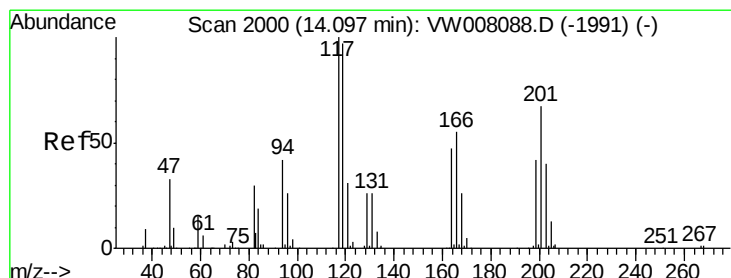
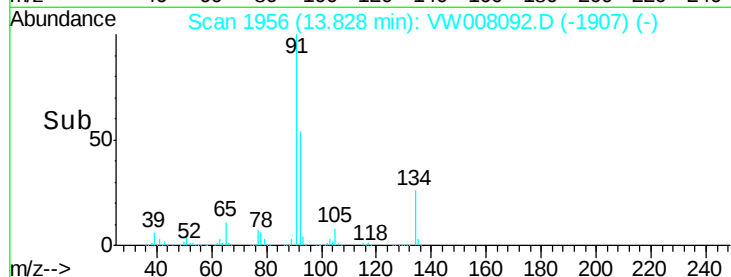
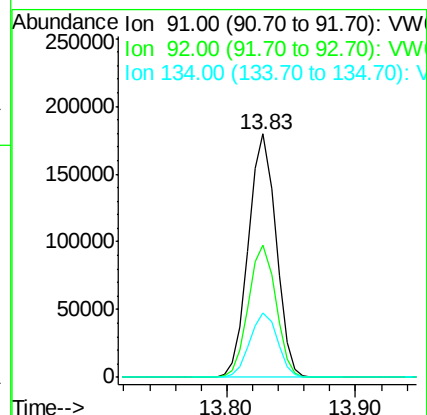
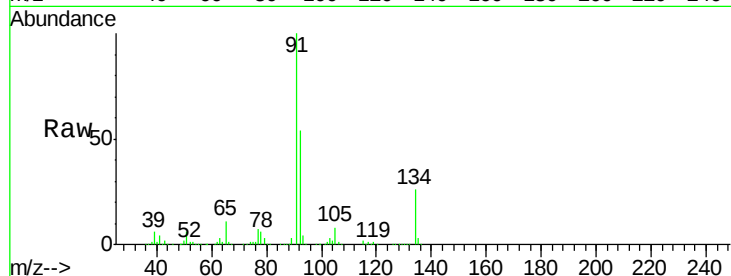
Tot Ion: 91 Resp: 265481

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 26.5 12.6 37.8



#90

Hexachloroethane

Concen: 49.387 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008092.D

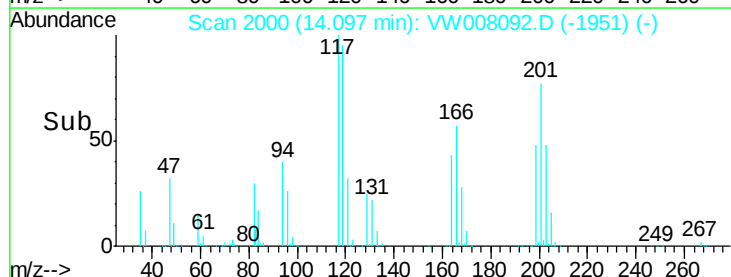
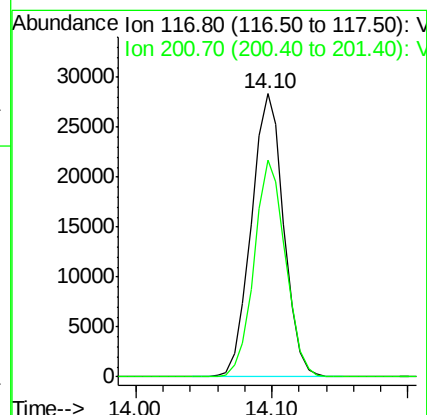
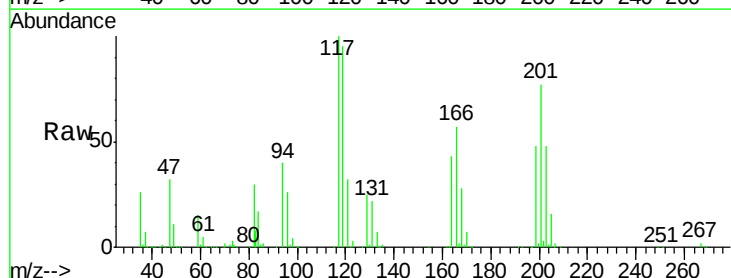
Acq: 08 Jan 2019 18:21

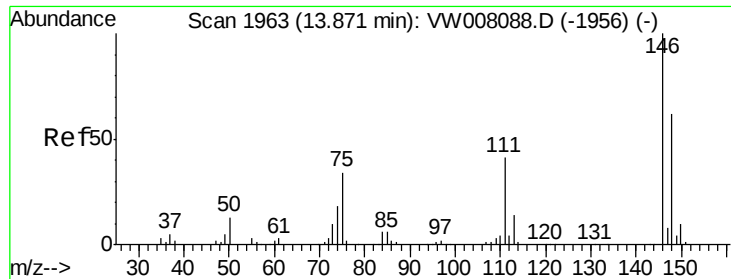
Tgt Ion: 117 Resp: 47287

Ion Ratio Lower Upper

117 100

201 74.5 33.0 98.9

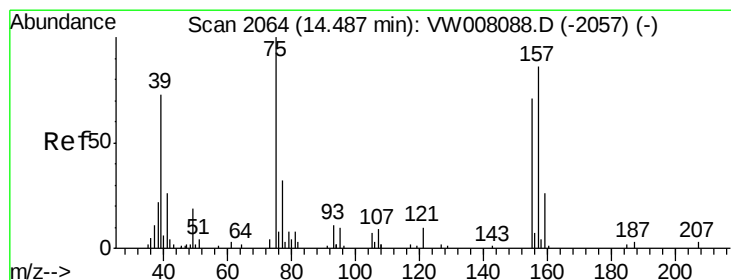
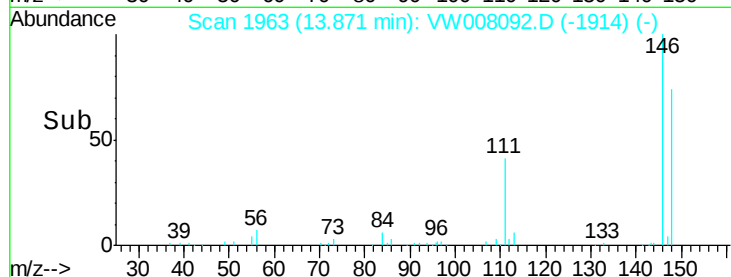
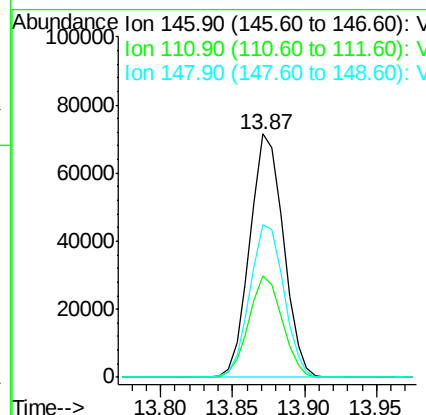
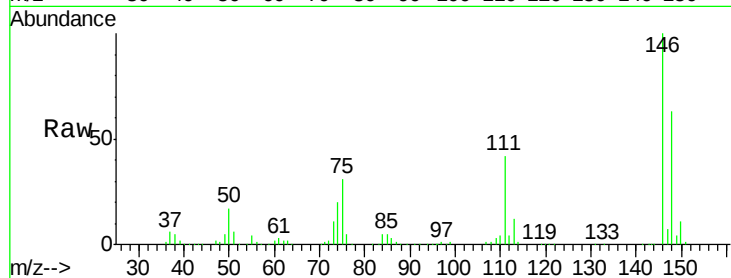




#91
 1,2-Dichlorobenzene
 Concen: 49.599 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

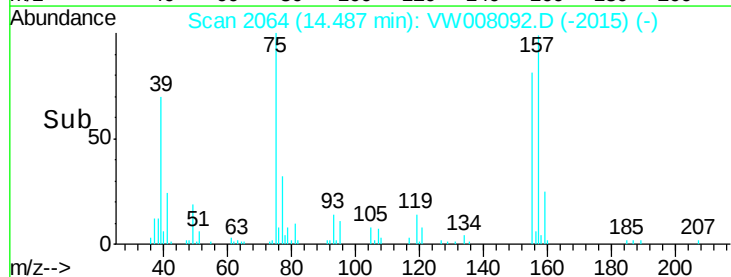
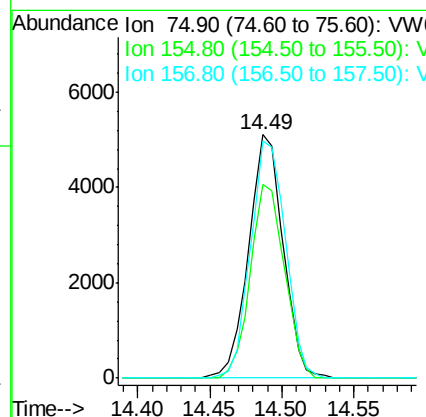
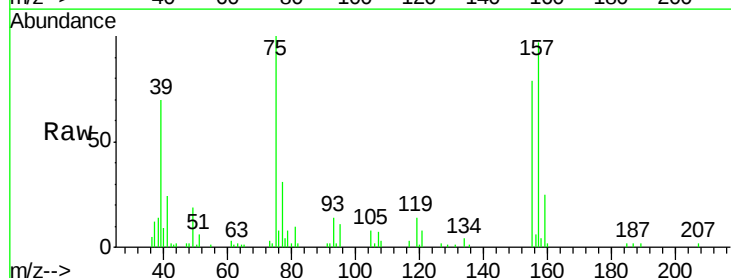
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

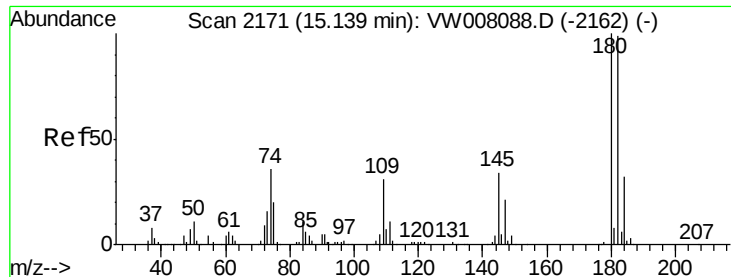
Tot Ion:146 Resp: 115167
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.7
 148 63.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.186 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion: 75 Resp: 8445
 Ion Ratio Lower Upper
 75 100
 155 78.4 38.6 115.7
 157 98.6 47.5 142.6

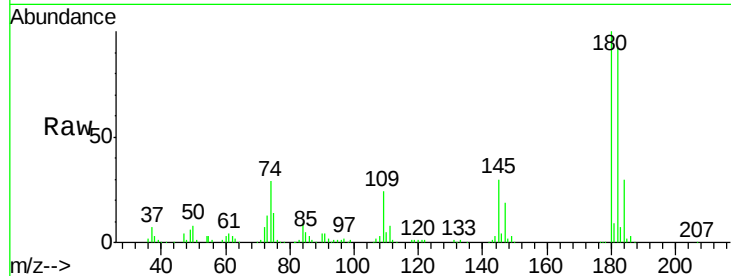




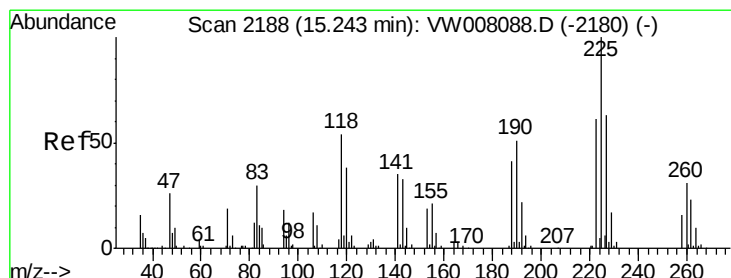
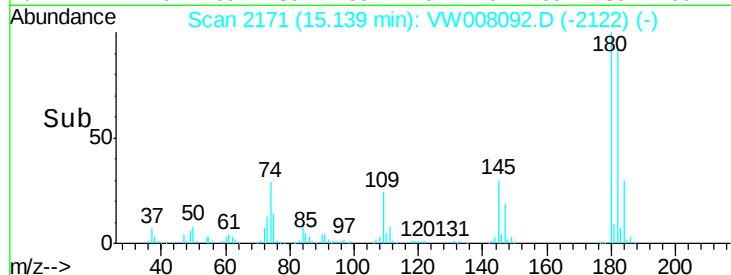
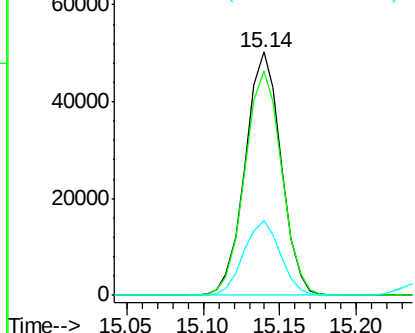
#93
 1,2,4-Trichlorobenzene
 Concen: 53.291 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010819

Tot Ion:180 Resp: 82154
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.6 145.9
 145 31.2 16.6 49.7

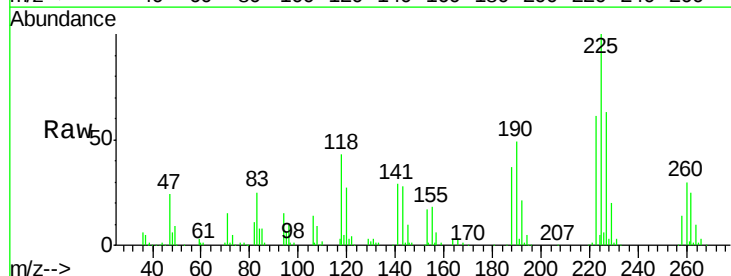


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

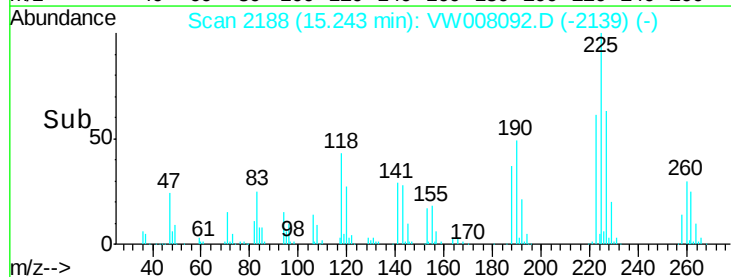
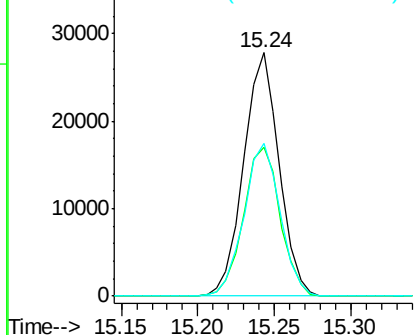


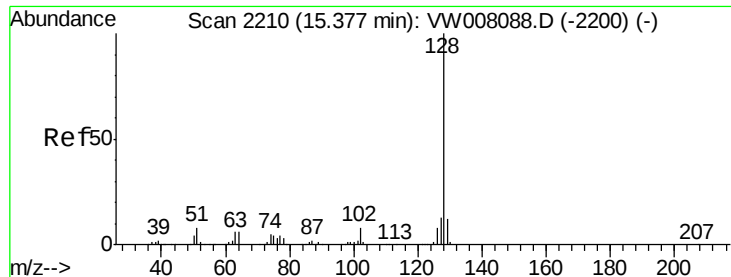
#94
 Hexachlorobutadiene
 Concen: 54.255 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008092.D
 Acq: 08 Jan 2019 18:21

Tgt Ion:225 Resp: 44767
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.4 94.3
 227 64.1 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

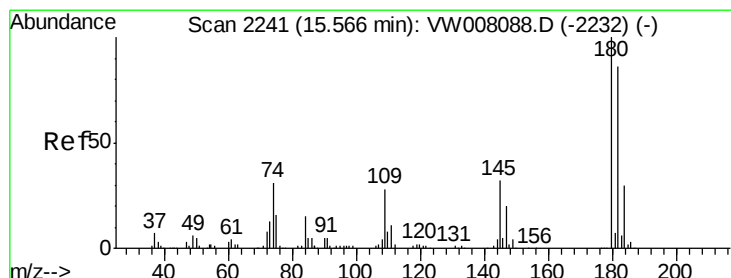
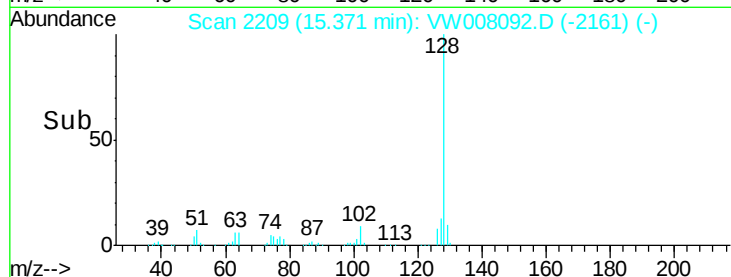
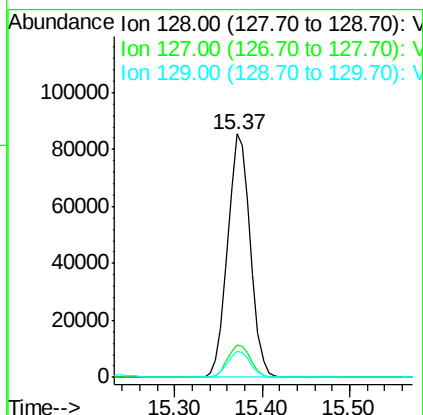
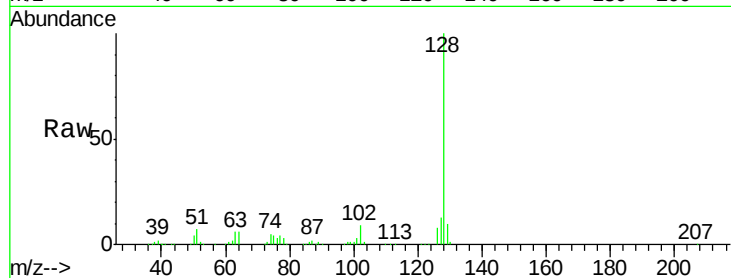




#95
Naphthalene
Concen: 53.319 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW010819

Tot Ion:128 Resp: 153481
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 53.766 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008092.D
Acq: 08 Jan 2019 18:21

Tgt Ion:180 Resp: 70658
Ion Ratio Lower Upper
180 100
182 95.5 46.5 139.3
145 33.2 17.4 52.2

