

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
 Data File : VW009039.D
 Acq On : 07 Mar 2019 14:46
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

Quant Time: Mar 08 05:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229271	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148368	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	134555	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.32	98	585000	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.62	95	219692	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	143634	46.720	ug/l	99
3) Chloromethane	2.21	50	186221	47.682	ug/l	99
4) Vinyl Chloride	2.35	62	190826	48.147	ug/l	96
5) Bromomethane	2.76	94	154592	46.207	ug/l	97
6) Chloroethane	2.91	64	137440	48.710	ug/l	99
7) Trichlorofluoromethane	3.25	101	243626	47.740	ug/l	99
8) Diethyl Ether	3.68	74	70330	45.072	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	151220	47.578	ug/l	99
10) Methyl Iodide	4.27	142	175554	50.861	ug/l	99
11) Tert butyl alcohol	5.19	59	50173	213.331	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	132526	48.339	ug/l	98
13) Acrolein	3.90	56	53962	208.506	ug/l	99
14) Allyl chloride	4.67	41	235557	48.709	ug/l	99
15) Acrylonitrile	5.37	53	157179	230.797	ug/l	99
16) Acetone	4.14	43	170803	246.620	ug/l	99
17) Carbon Disulfide	4.37	76	458070	49.659	ug/l	100
18) Methyl Acetate	4.68	43	69045	43.354	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	337720	46.566	ug/l	100
20) Methylene Chloride	4.91	84	159643	48.879	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	150173	47.438	ug/l	97
22) Diisopropyl ether	6.31	45	462157	48.089	ug/l	99
23) Vinyl Acetate	6.26	43	1393721	233.042	ug/l	98
24) 1,1-Dichloroethane	6.21	63	265736	47.671	ug/l	100
25) 2-Butanone	7.17	43	222881	232.858	ug/l	99
26) 2,2-Dichloropropane	7.16	77	253332	49.997	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	159389	46.881	ug/l	96
28) Bromochloromethane	7.51	49	108029	46.592	ug/l	100
29) Tetrahydrofuran	7.52	42	133560	221.429	ug/l	99
30) Chloroform	7.68	83	269903	47.030	ug/l	100
31) Cyclohexane	7.95	56	262277	45.823	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	253885	47.936	ug/l	99
36) 1,1-Dichloropropene	8.08	75	223706	50.166	ug/l	99
37) Ethyl Acetate	7.25	43	91208	43.544	ug/l	98
38) Carbon Tetrachloride	8.07	117	231229	50.209	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	277244	52.198	ug/l	98
40) Benzene	8.32	78	607681	51.048	ug/l	98
41) Methacrylonitrile	7.48	41	59391	51.060	ug/l	88
42) 1,2-Dichloroethane	8.40	62	181075	47.117	ug/l	100
43) Isopropyl Acetate	8.42	43	184681	47.340	ug/l	100
44) Trichloroethene	9.09	130	162707	48.767	ug/l	96
45) 1,2-Dichloropropane	9.37	63	146901	49.272	ug/l	98
46) Dibromomethane	9.46	93	76384	46.911	ug/l	98
47) Bromodichloromethane	9.64	83	196776	47.740	ug/l	99
48) Methyl methacrylate	9.44	41	87454	48.144	ug/l	92
49) 1,4-Dioxane	9.46	88	21870	937.957	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	484407	244.589	ug/l	100
52) Toluene	10.39	92	421398	52.197	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	203011	49.799	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	231715	49.462	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	104449	47.327	ug/l	97
56) Ethyl methacrylate	10.65	69	141889	51.803	ug/l	99
57) 1,3-Dichloropropane	10.93	76	187317	47.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	336504	236.988	ug/l	99
59) 2-Hexanone	10.97	43	360387	258.814	ug/l	99
60) Dibromochloromethane	11.13	129	132366	48.465	ug/l	100
61) 1,2-Dibromoethane	11.24	107	102786	47.508	ug/l	99
64) Tetrachloroethene	10.86	164	149928	50.327	ug/l	98
65) Chlorobenzene	11.66	112	460350	51.198	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	147690	49.193	ug/l	98
67) Ethyl Benzene	11.73	91	852843	52.503	ug/l	99
68) m/p-Xylenes	11.84	106	671569	104.742	ug/l	99
69) o-Xylene	12.16	106	312322	52.353	ug/l	98
70) Styrene	12.18	104	507086	52.536	ug/l	99
71) Bromoform	12.35	173	80267	49.793	ug/l #	96
73) Isopropylbenzene	12.46	105	872787	53.159	ug/l	100
74) N-amyl acetate	12.27	43	203810	52.437	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	127756	49.329	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	179434	99.057	ug/l #	1
77) Bromobenzene	12.75	156	191625	51.081	ug/l	97
78) n-propylbenzene	12.80	91	1069768	52.898	ug/l	100
79) 2-Chlorotoluene	12.89	91	599120	52.729	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	741413	52.388	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40997	50.623	ug/l	97
82) 4-Chlorotoluene	12.99	91	627530	51.811	ug/l	99
83) tert-Butylbenzene	13.21	119	634285	53.141	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	758022	52.948	ug/l	99
85) sec-Butylbenzene	13.38	105	937485	53.012	ug/l	99
86) p-Isopropyltoluene	13.50	119	838039	52.973	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	404418	51.297	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	396951	50.948	ug/l	99
89) n-Butylbenzene	13.83	91	805051	53.529	ug/l	99
90) Hexachloroethane	14.10	117	139795	51.236	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	351811	50.578	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24330	52.746	ug/l	94

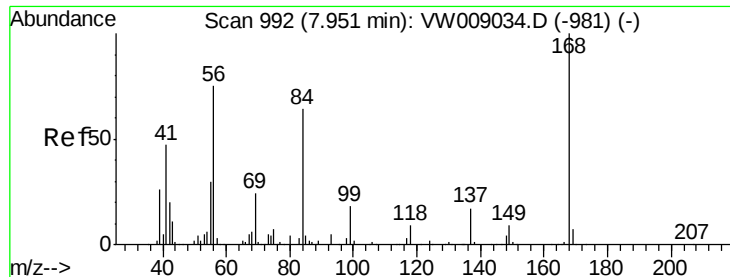
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	239691	51.024	ug/l	100
94) Hexachlorobutadiene	15.24	225	149273	50.732	ug/l	99
95) Naphthalene	15.37	128	393197	51.133	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	204607	49.533	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

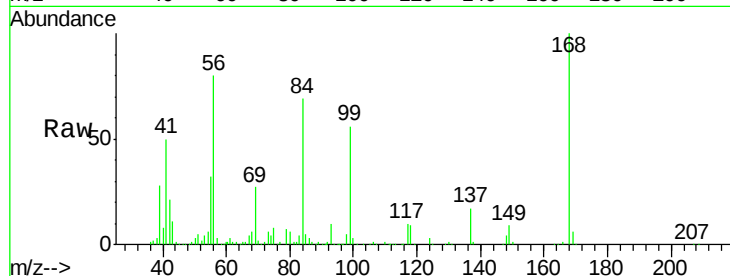
ICVW030719

Tgt Ion:168 Resp: 305053

Ion Ratio Lower Upper

168 100

99 55.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

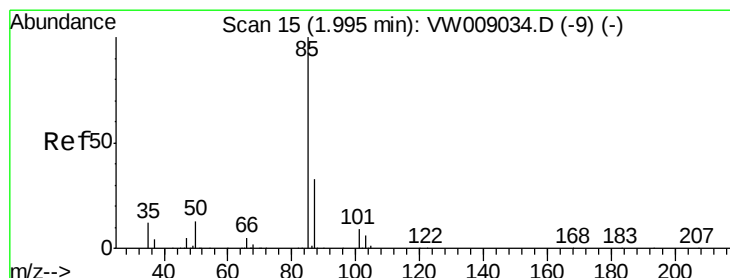
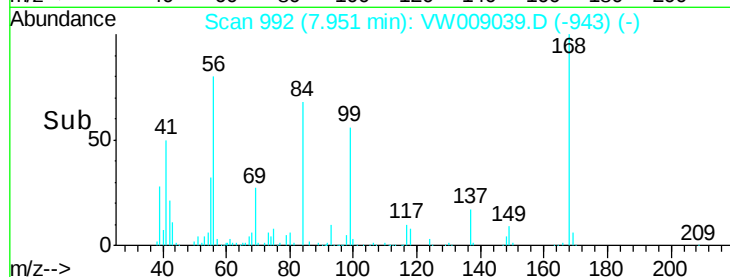
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.720 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW009039.D

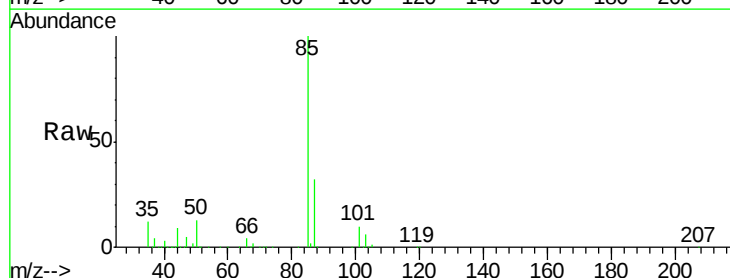
Acq: 07 Mar 2019 14:46

Tgt Ion: 85 Resp: 143634

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

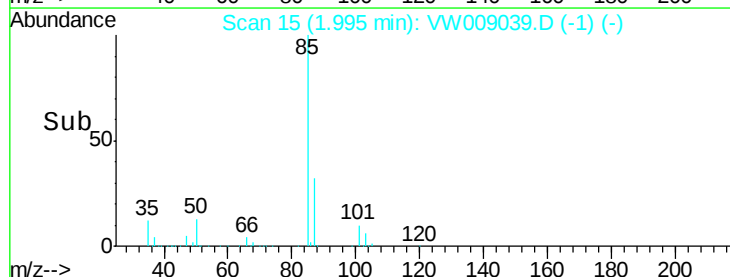
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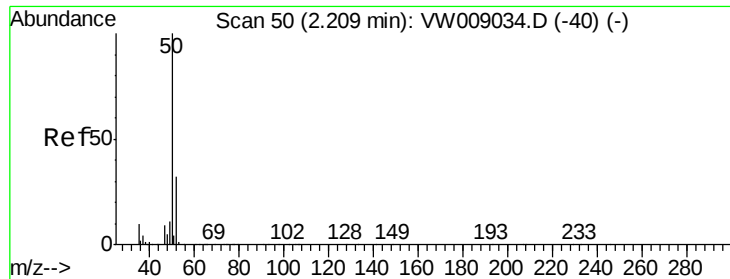
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 47.682 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

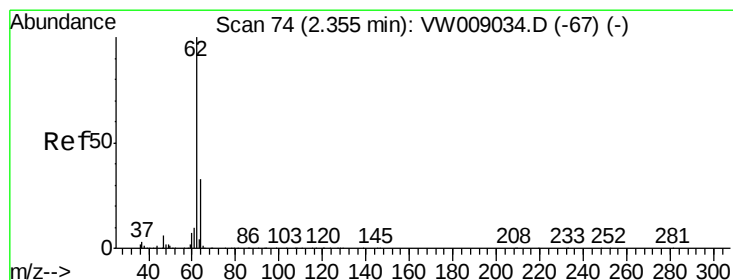
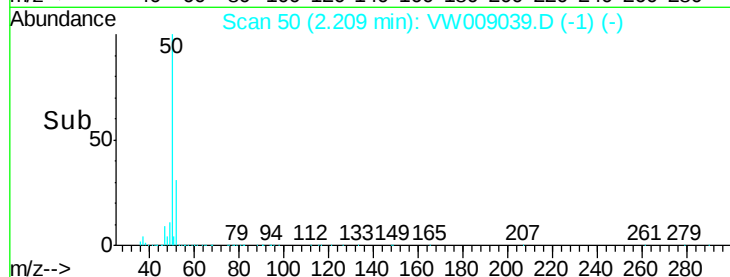
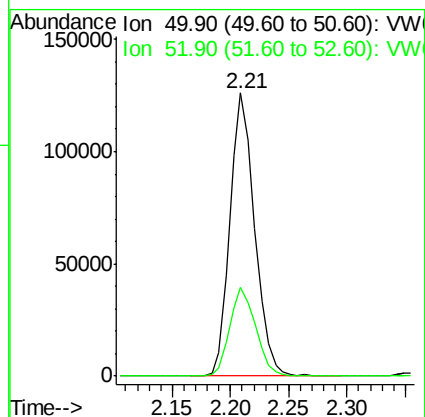
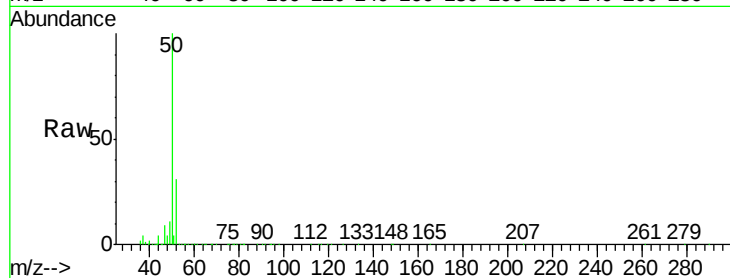
ICVW030719

Tgt Ion: 50 Resp: 186221

Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2



#4

Vinyl Chloride

Concen: 48.147 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW009039.D

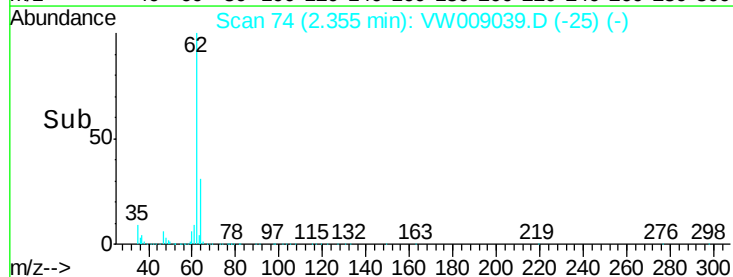
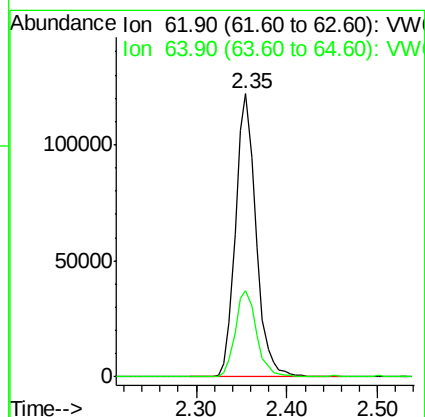
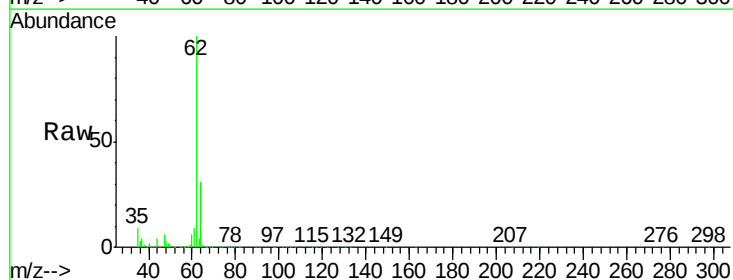
Acq: 07 Mar 2019 14:46

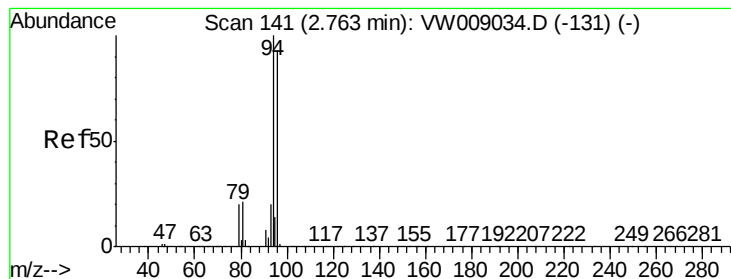
Tgt Ion: 62 Resp: 190826

Ion Ratio Lower Upper

62 100

64 30.5 26.0 39.0





#5

Bromomethane

Concen: 46.207 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

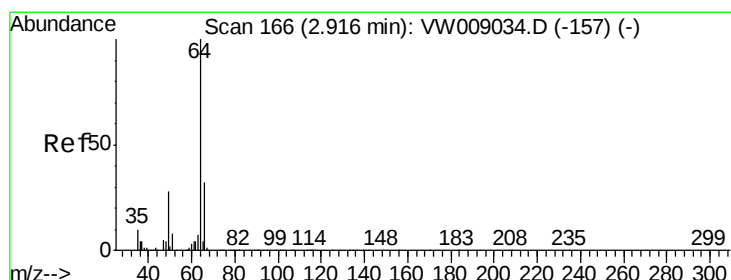
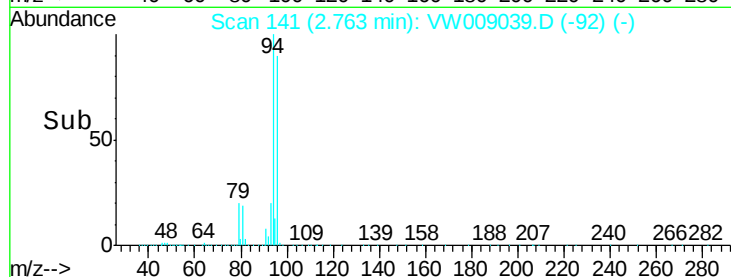
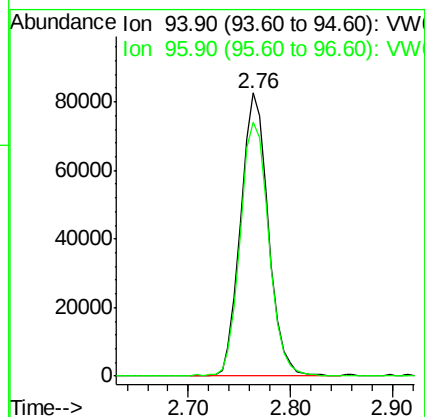
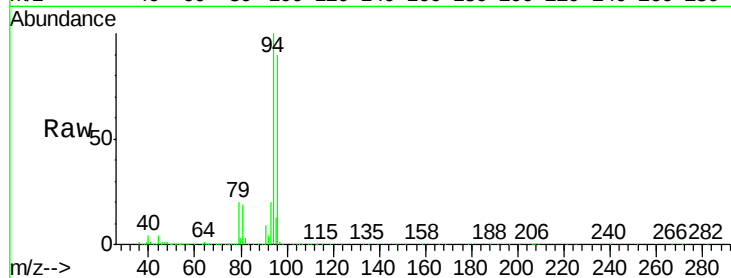
ICVW030719

Tgt Ion: 94 Resp: 154592

Ion Ratio Lower Upper

94 100

96 89.7 74.4 111.6



#6

Chloroethane

Concen: 48.710 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009039.D

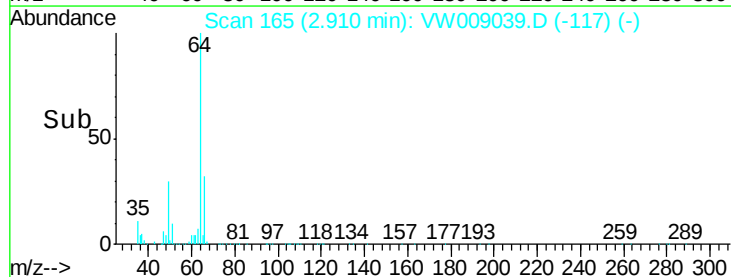
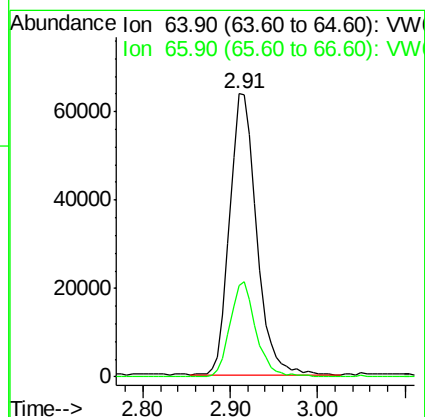
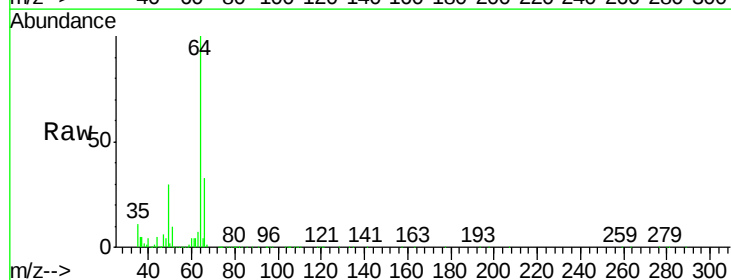
Acq: 07 Mar 2019 14:46

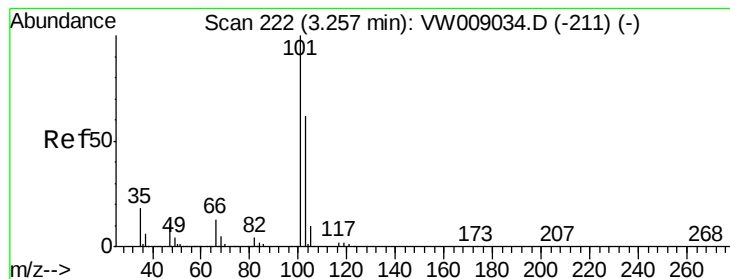
Tgt Ion: 64 Resp: 137440

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



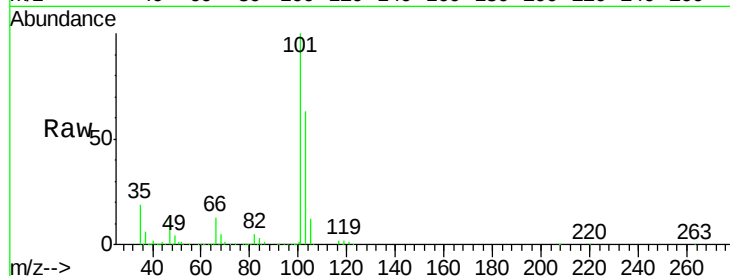


#7

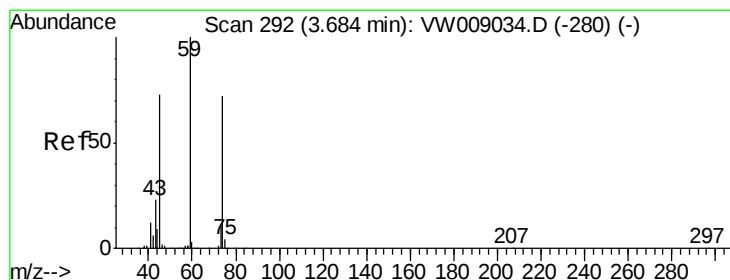
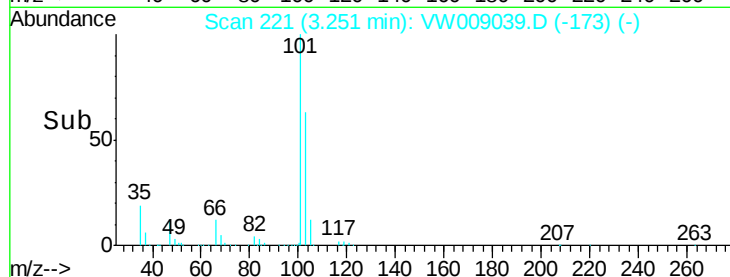
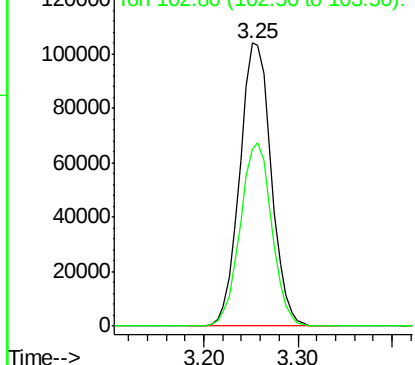
Trichlorofluoromethane
 Concen: 47.740 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

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Tgt Ion:101 Resp: 243626
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.9 74.9



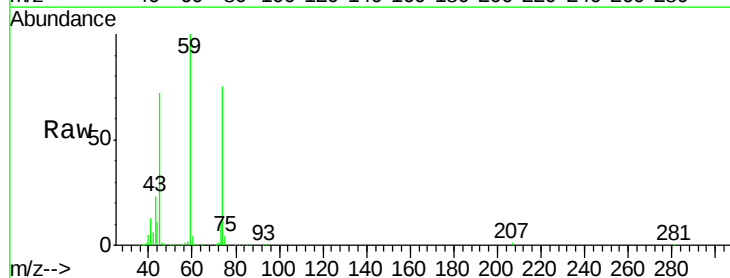
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



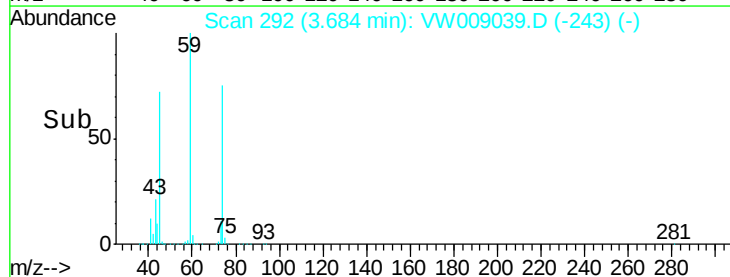
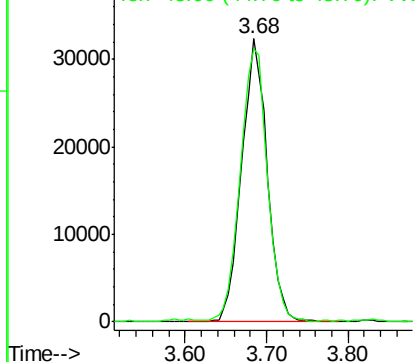
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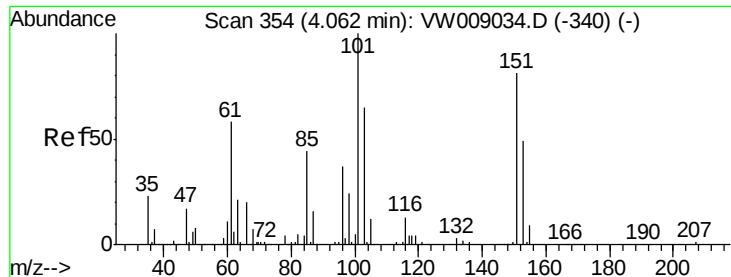
Diethyl Ether
 Concen: 45.072 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion: 74 Resp: 70330
 Ion Ratio Lower Upper
 74 100
 45 101.8 52.3 157.1



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: 47.578 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

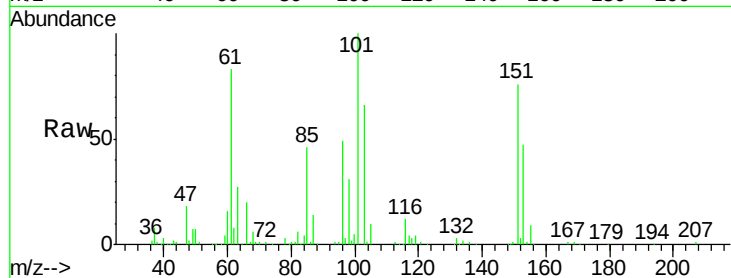
Tgt Ion:101 Resp: 151220

Ion Ratio Lower Upper

101 100

85 45.8 36.2 54.4

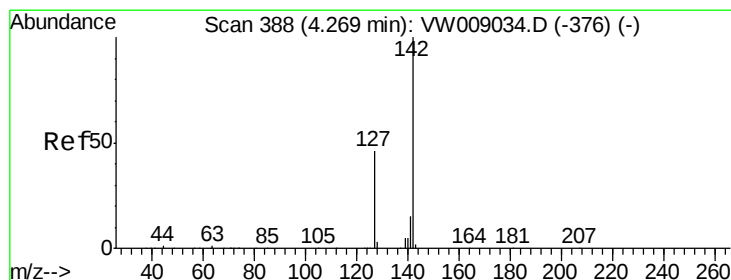
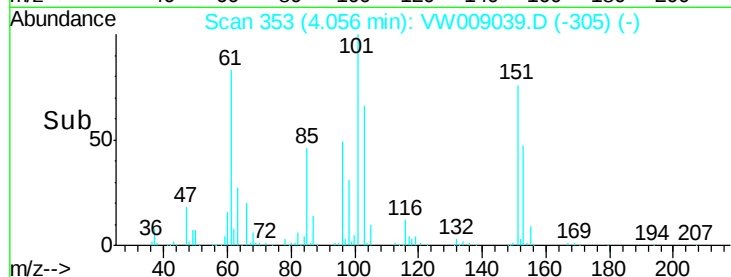
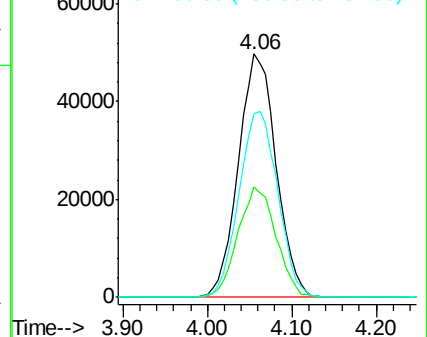
151 78.4 63.4 95.2



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: 50.861 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

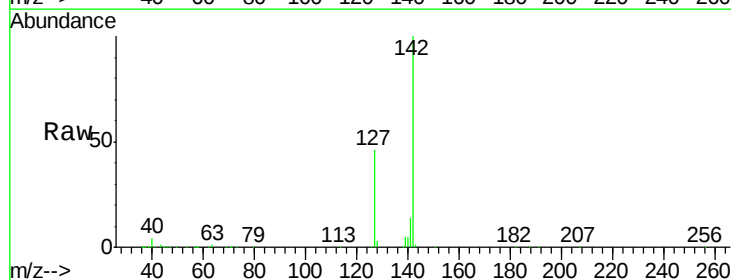
Tgt Ion:142 Resp: 175554

Ion Ratio Lower Upper

142 100

127 45.2 35.8 53.6

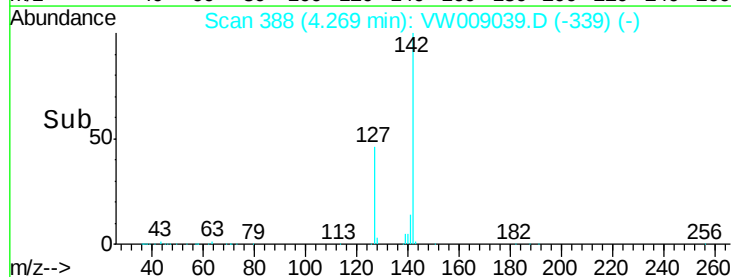
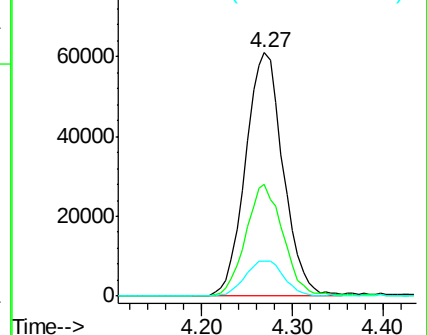
141 15.0 11.8 17.8

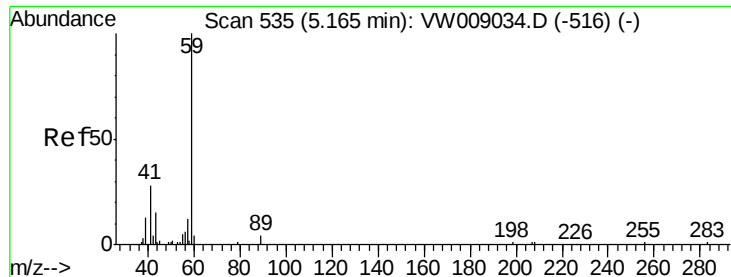


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

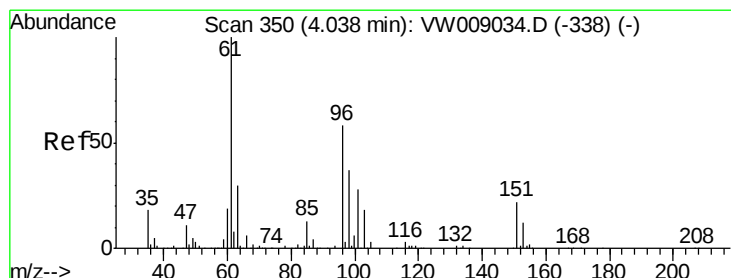
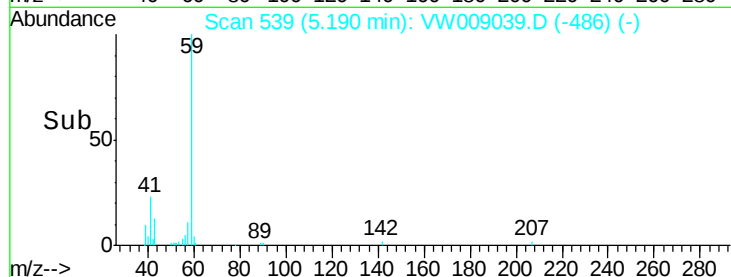
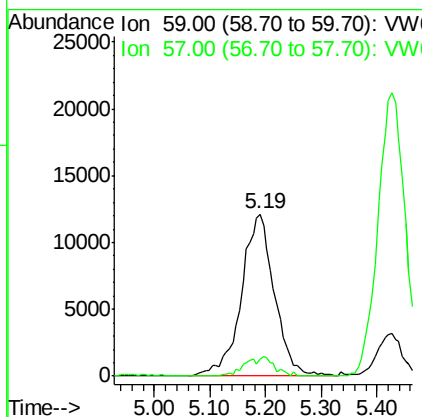
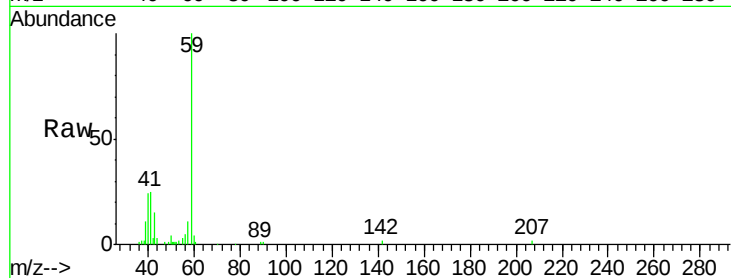




#11
Tert butyl alcohol
Concen: 213.331 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

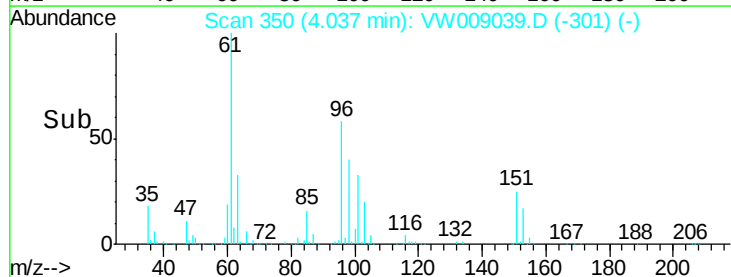
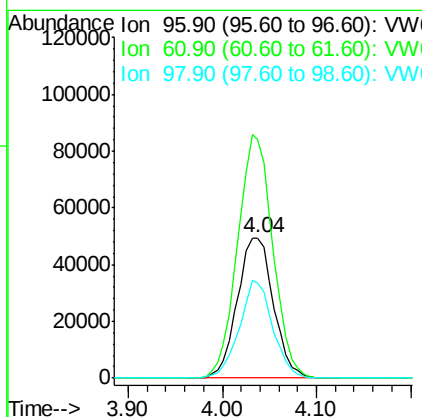
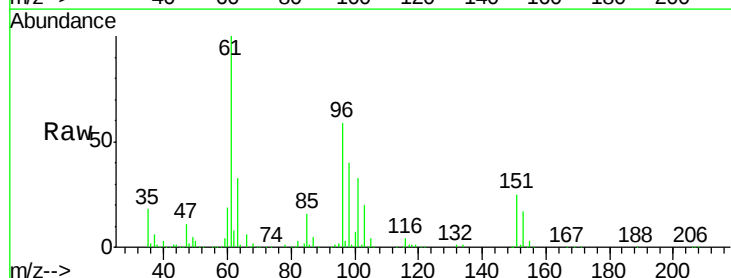
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

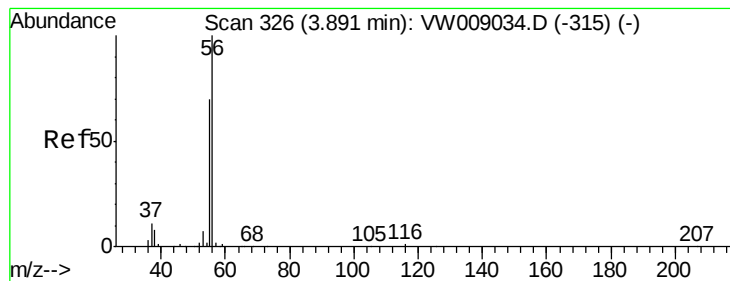
Tgt Ion: 59 Resp: 50173
Ion Ratio Lower Upper
59 100
57 6.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 48.339 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 96 Resp: 132526
Ion Ratio Lower Upper
96 100
61 170.8 138.2 207.2
98 67.7 51.3 76.9





#13

Acrolein

Concen: 208.506 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

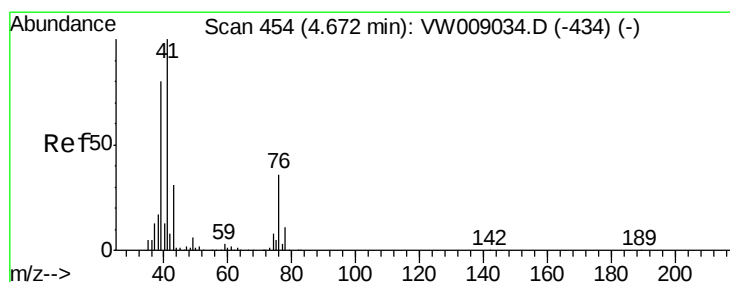
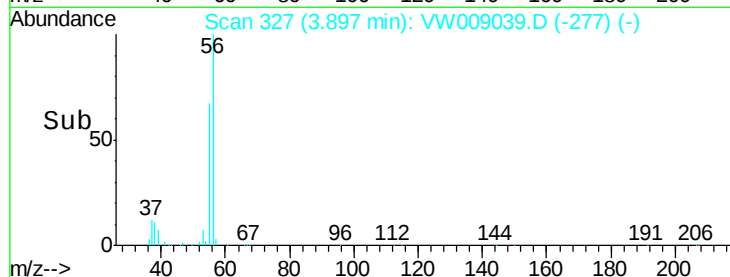
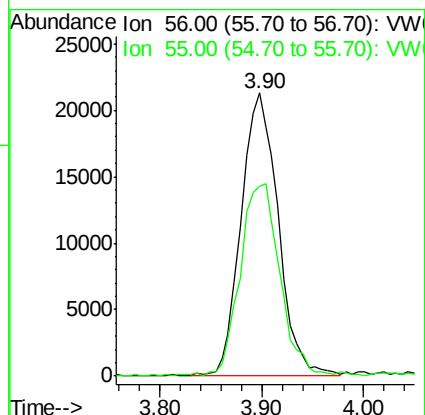
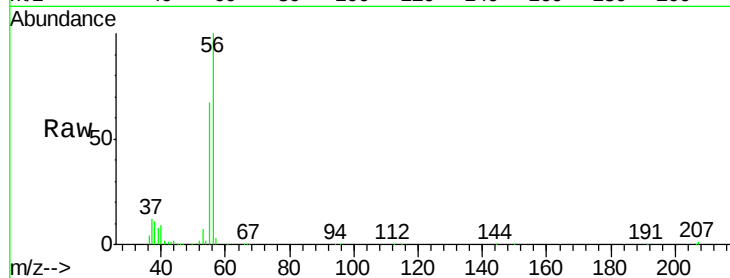
ICVW030719

Tgt Ion: 56 Resp: 53962

Ion Ratio Lower Upper

56 100

55 71.1 56.6 84.8



#14

Allyl chloride

Concen: 48.709 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

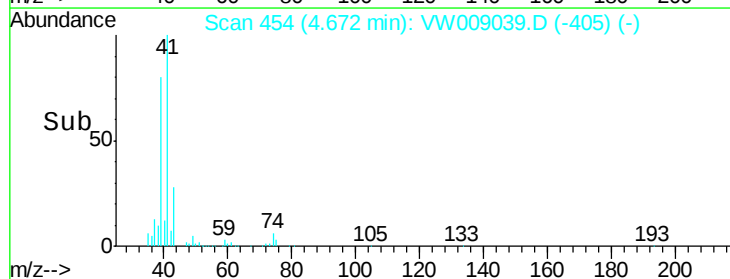
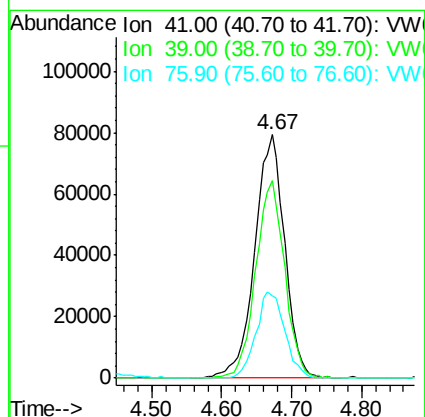
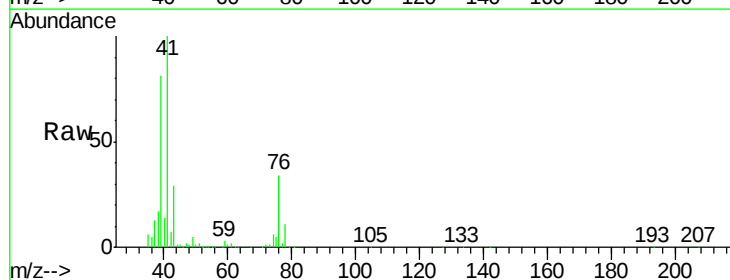
Tgt Ion: 41 Resp: 235557

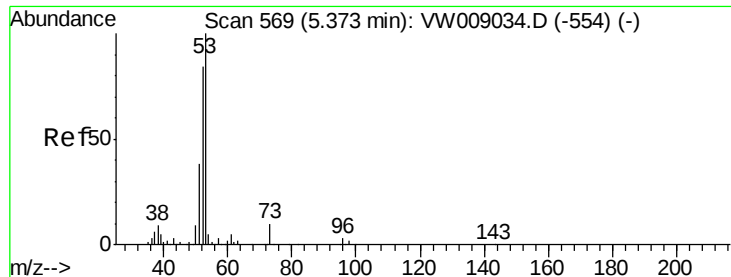
Ion Ratio Lower Upper

41 100

39 78.7 63.0 94.4

76 34.1 28.2 42.2





#15

Acrylonitrile

Concen: 230.797 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

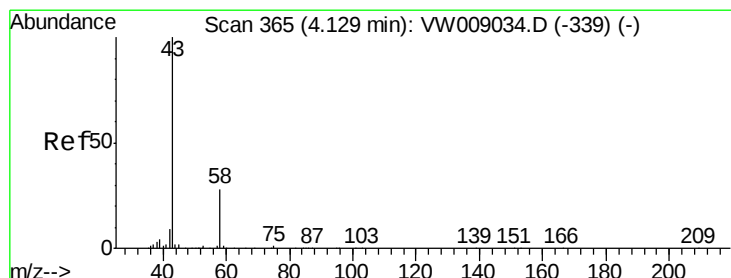
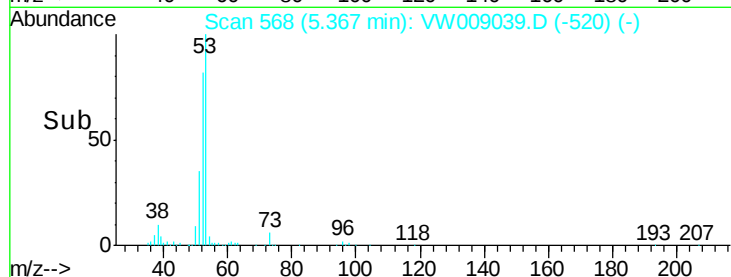
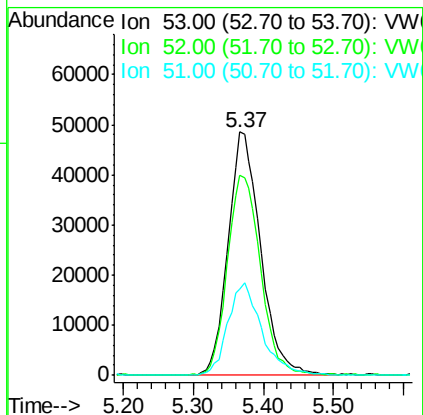
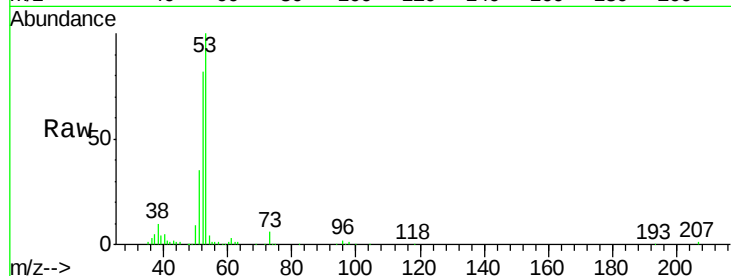
Tgt Ion: 53 Resp: 157179

Ion Ratio Lower Upper

53 100

52 83.4 67.2 100.8

51 39.6 31.8 47.6



#16

Acetone

Concen: 246.620 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009039.D

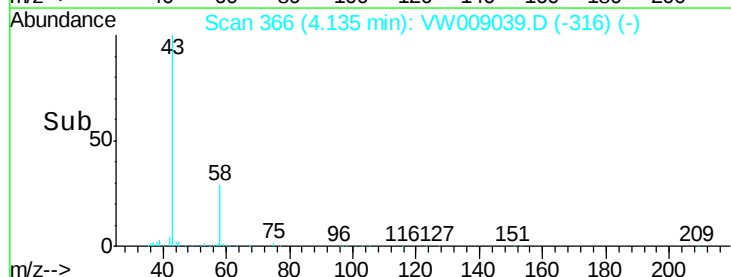
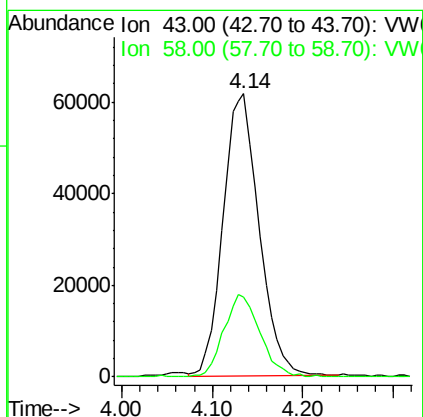
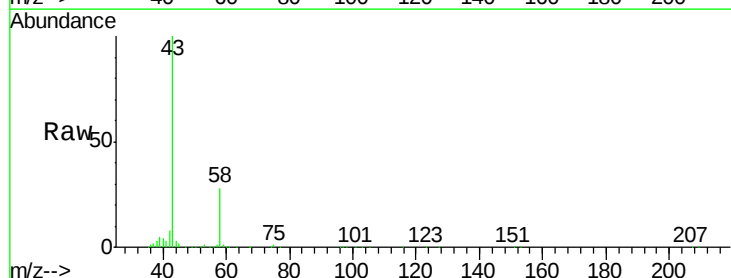
Acq: 07 Mar 2019 14:46

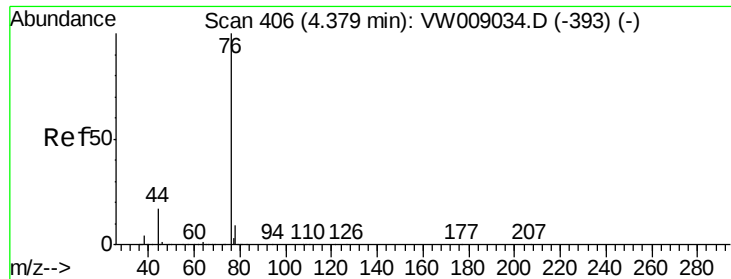
Tgt Ion: 43 Resp: 170803

Ion Ratio Lower Upper

43 100

58 28.5 22.5 33.7

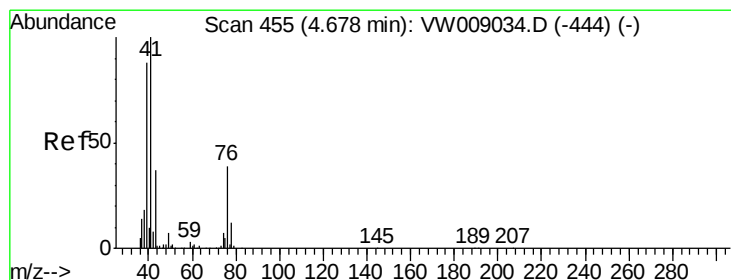
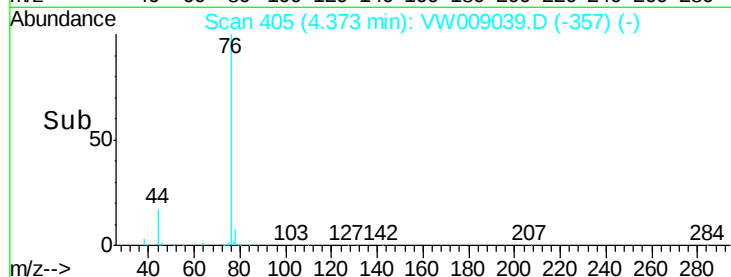
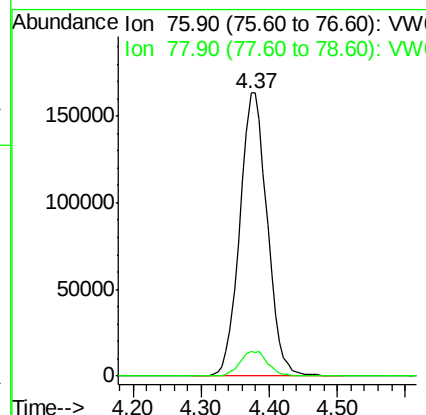
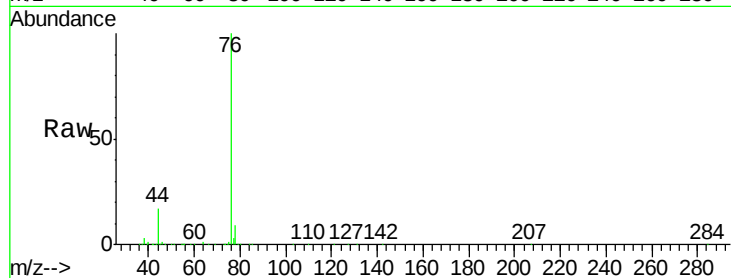




#17
 Carbon Disulfide
 Concen: 49.659 ug/l
 RT: 4.37 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

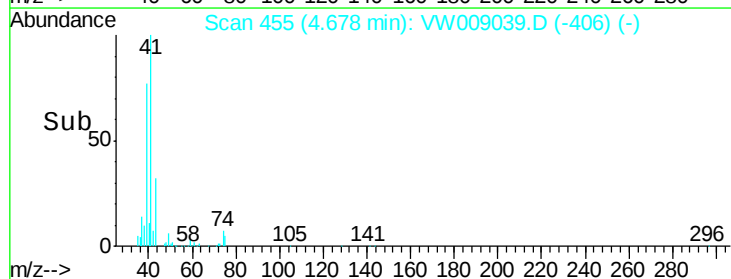
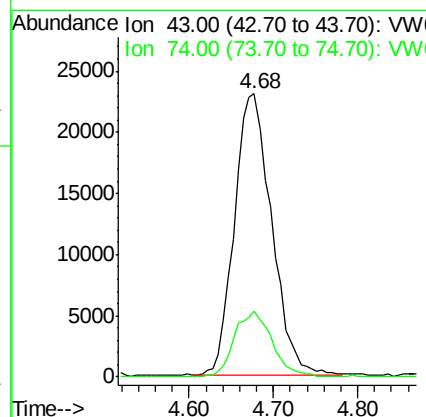
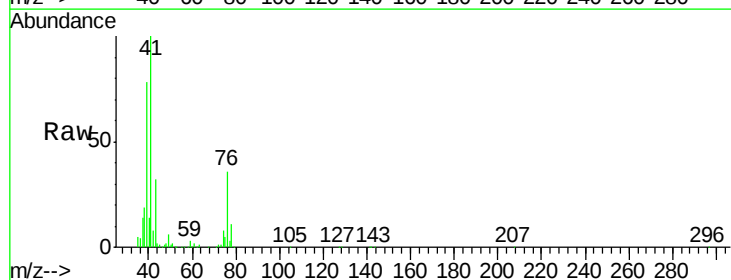
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

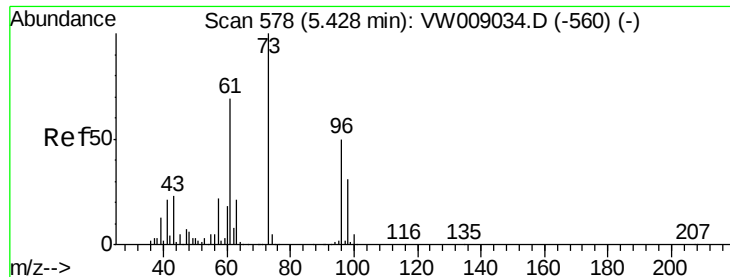
Tgt Ion: 76 Resp: 458070
 Ion Ratio Lower Upper
 76 100
 78 8.8 7.0 10.6



#18
 Methyl Acetate
 Concen: 43.354 ug/l
 RT: 4.68 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion: 43 Resp: 69045
 Ion Ratio Lower Upper
 43 100
 74 23.5 17.6 26.4

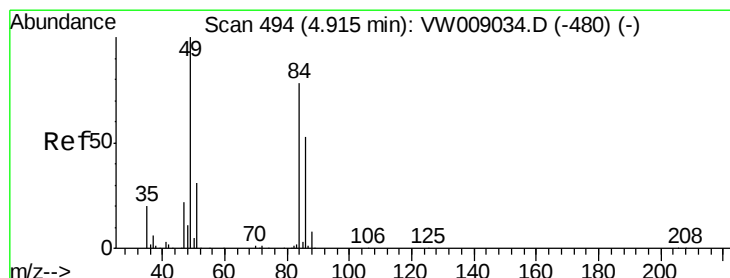
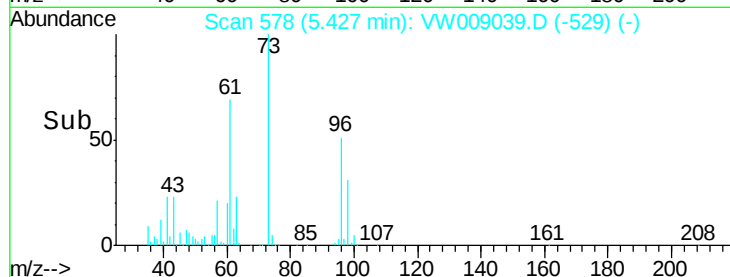
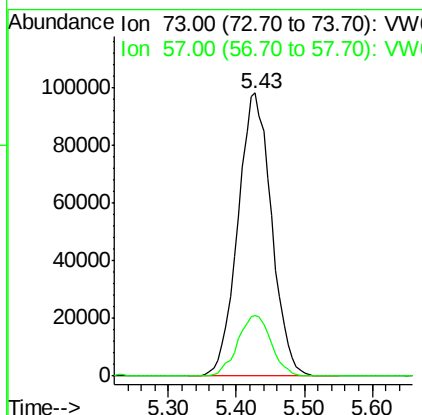
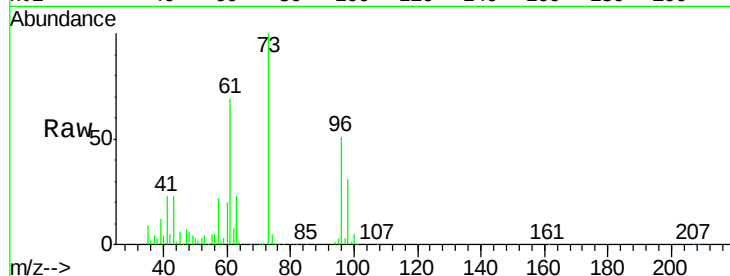




#19
Methyl tert-butyl Ether
Concen: 46.566 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

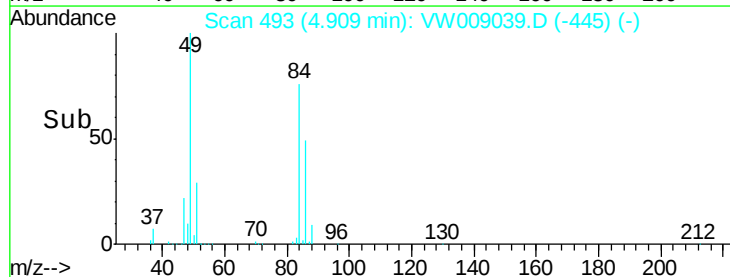
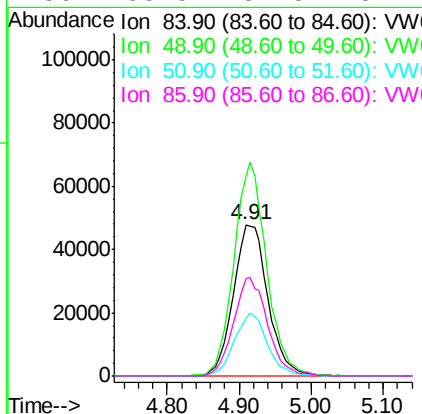
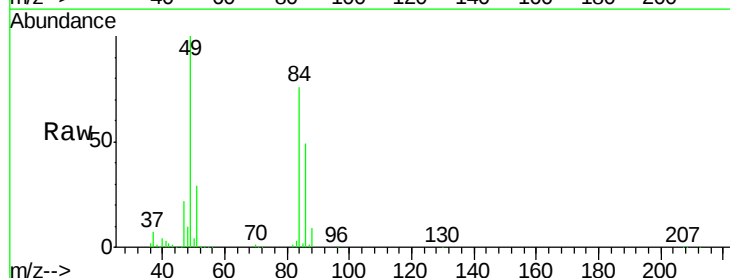
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

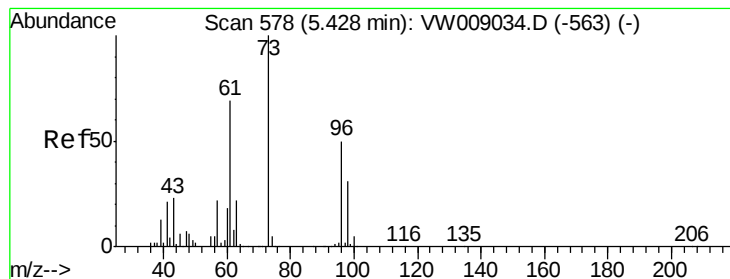
Tgt Ion: 73 Resp: 337720
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 48.879 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 84 Resp: 159643
Ion Ratio Lower Upper
84 100
49 131.6 102.4 153.6
51 38.4 31.6 47.4
86 63.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 47.438 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

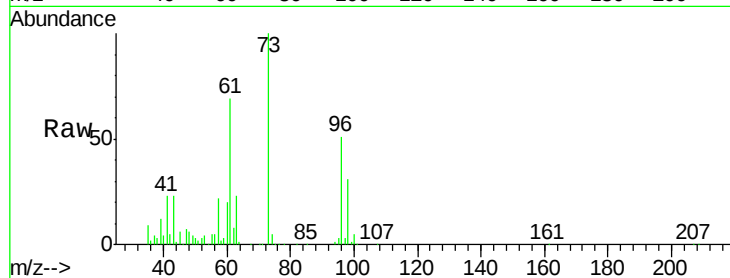
Tgt Ion: 96 Resp: 150173

Ion Ratio Lower Upper

96 100

61 135.0 111.0 166.6

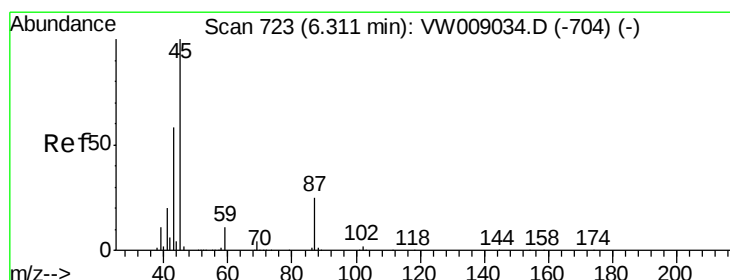
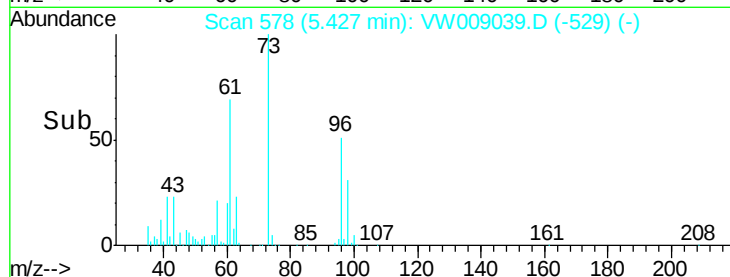
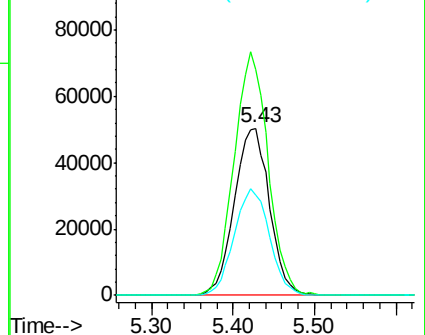
98 60.0 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 48.089 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion: 45 Resp: 462157

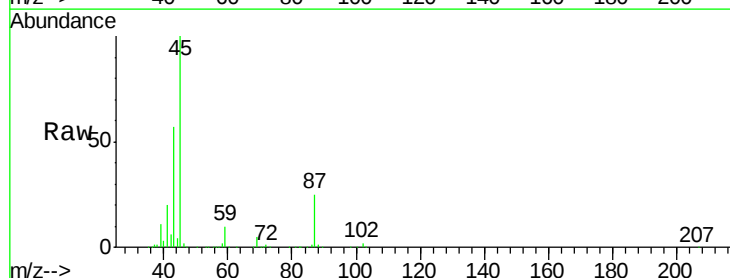
Ion Ratio Lower Upper

45 100

43 56.8 46.2 69.4

87 25.4 20.1 30.1

59 9.8 8.4 12.6

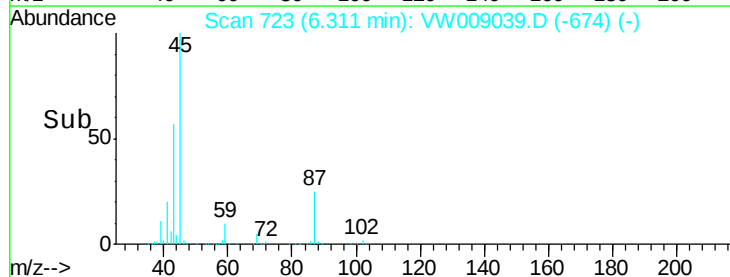
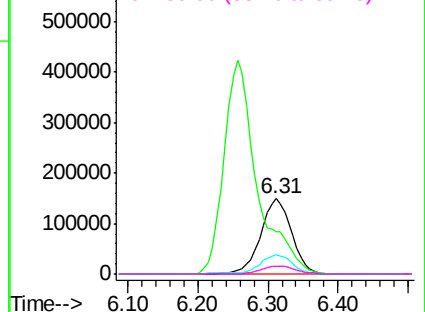


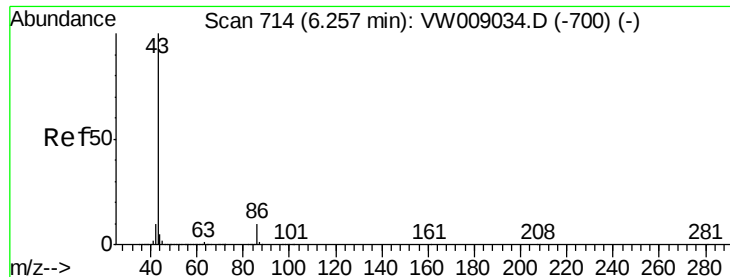
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 233.042 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

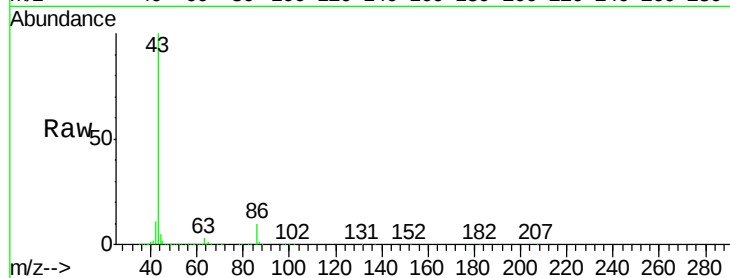
ICVW030719

Tgt Ion: 43 Resp: 1393721

Ion Ratio Lower Upper

43 100

86 10.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

400000

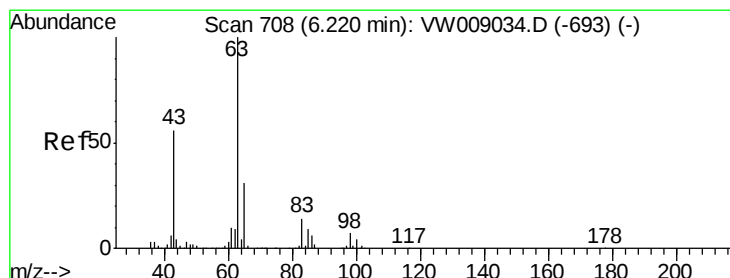
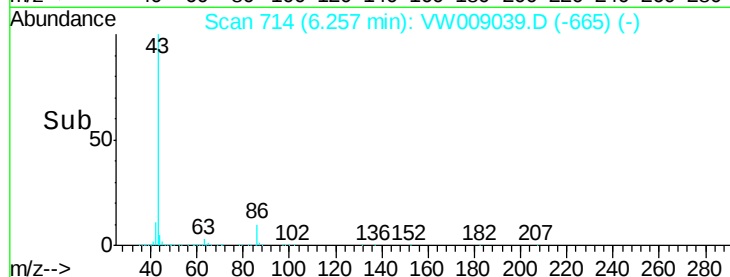
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.671 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

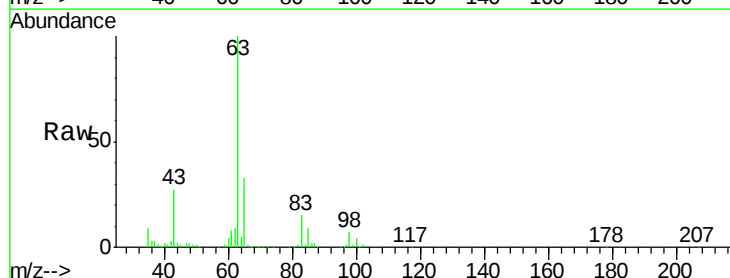
Tgt Ion: 63 Resp: 265736

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.2 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

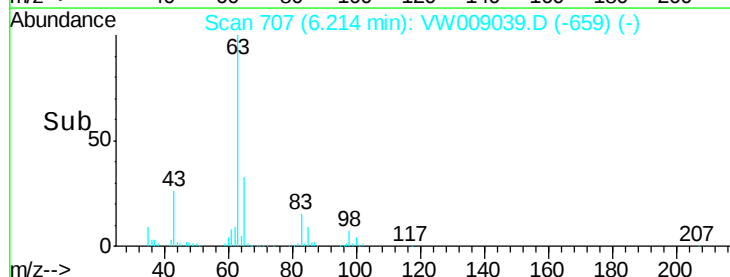
60000

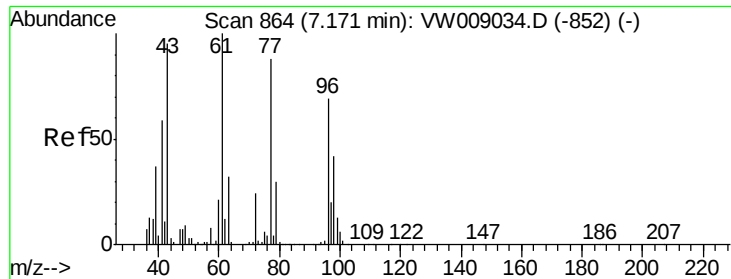
40000

20000

0

Time-->





#25

2-Butanone

Concen: 232.858 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

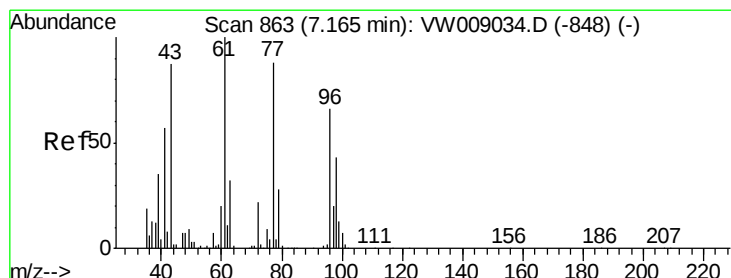
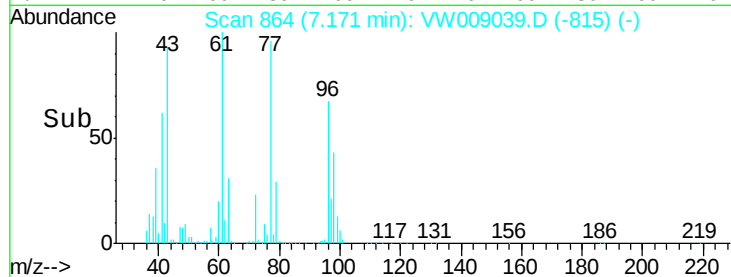
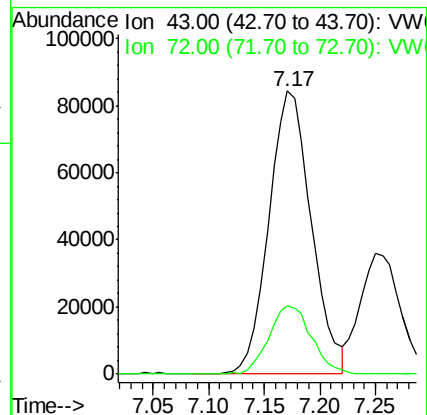
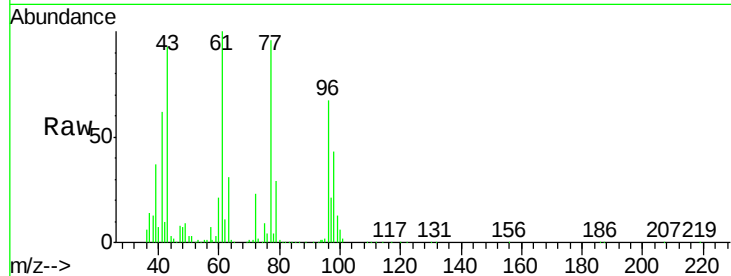
ICVW030719

Tgt Ion: 43 Resp: 222881

Ion Ratio Lower Upper

43 100

72 24.3 20.0 30.0



#26

2,2-Dichloropropane

Concen: 49.997 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW009039.D

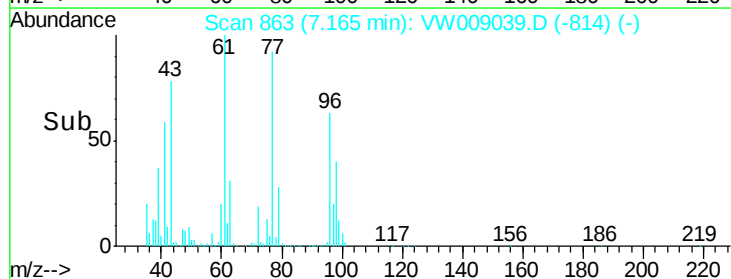
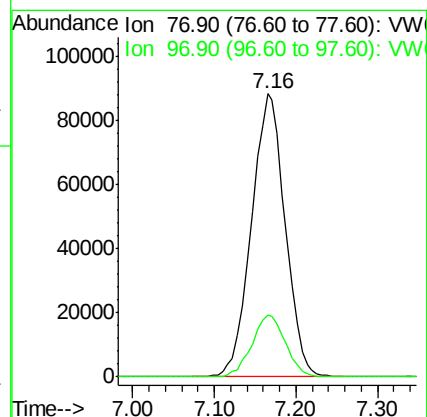
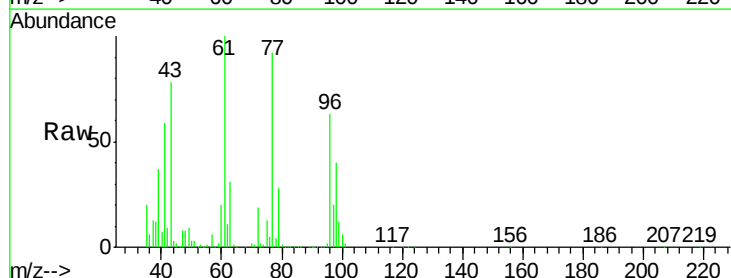
Acq: 07 Mar 2019 14:46

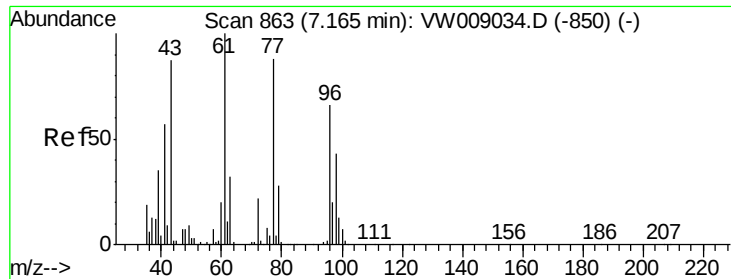
Tgt Ion: 77 Resp: 253332

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.9



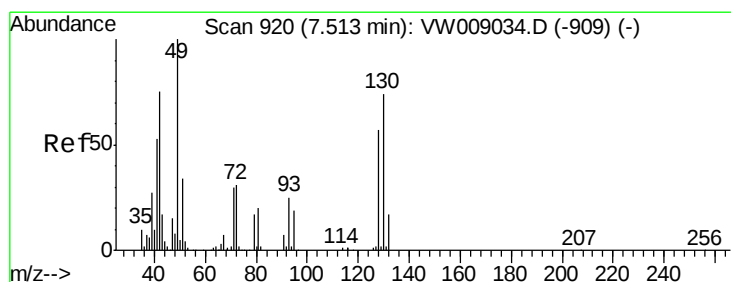
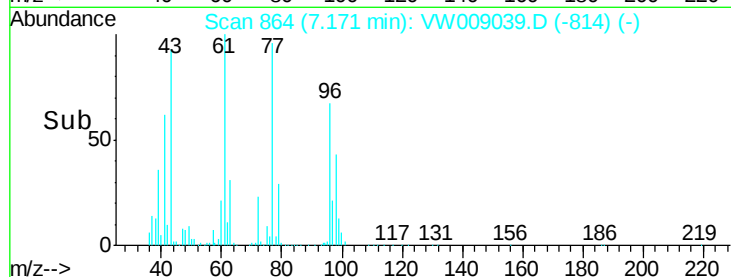
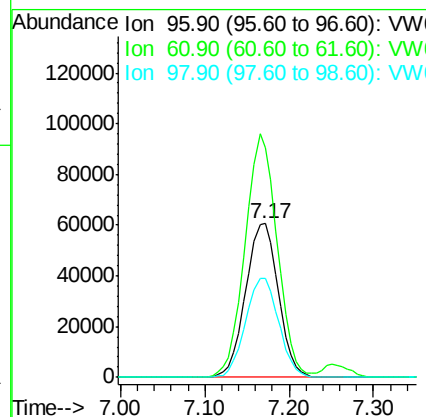
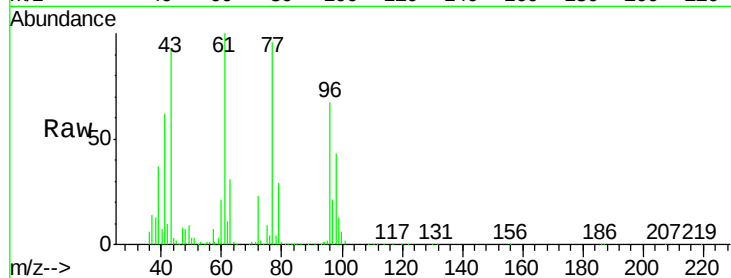


#27

cis-1,2-Dichloroethene
Concen: 46.881 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

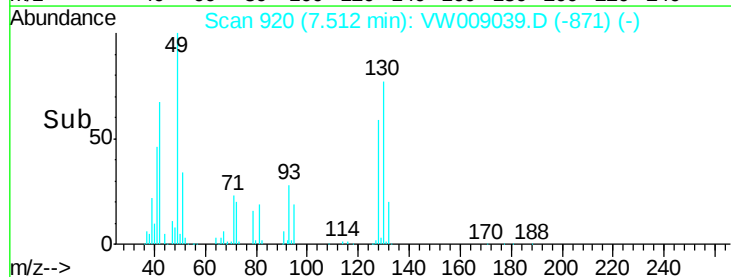
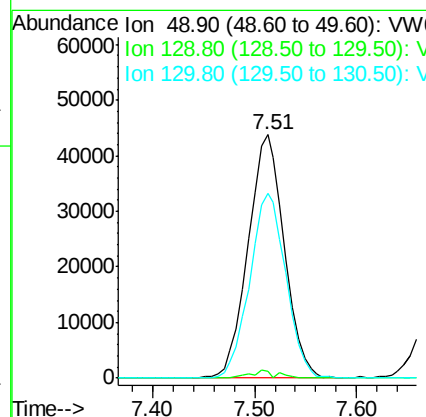
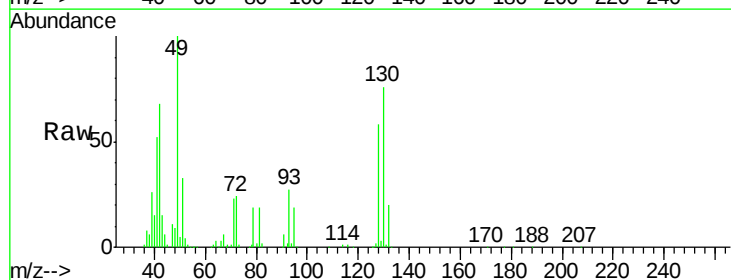
Tgt Ion: 96 Resp: 159389
Ion Ratio Lower Upper
96 100
61 155.3 0.0 299.8
98 65.1 0.0 127.2

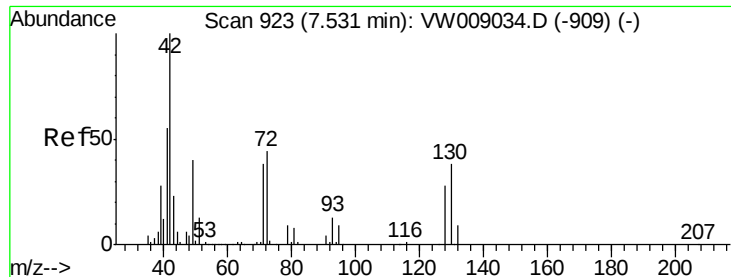


#28

Bromochloromethane
Concen: 46.592 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 49 Resp: 108029
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 75.8 60.4 90.6

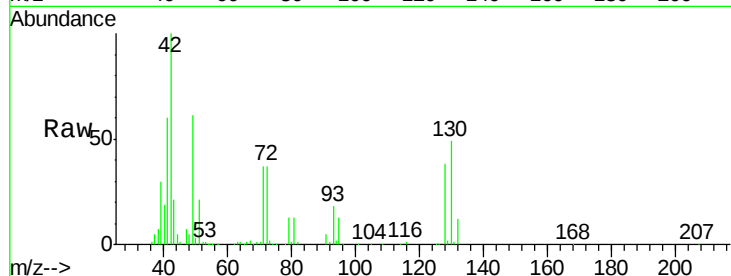




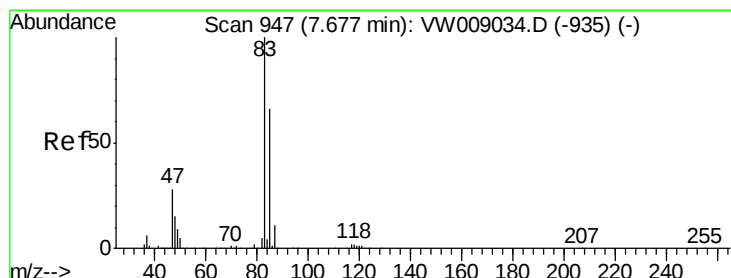
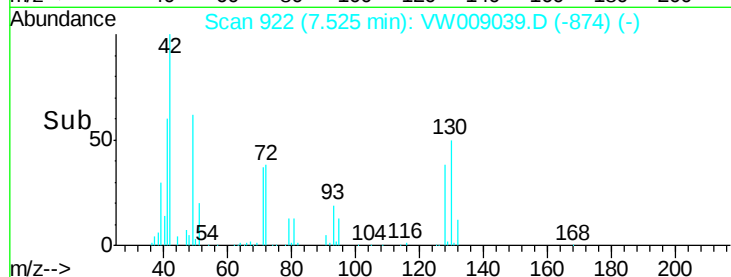
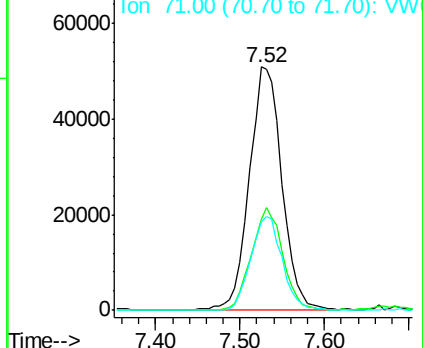
#29
Tetrahydrofuran
Concen: 221.429 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tgt Ion: 42 Resp: 133560
Ion Ratio Lower Upper
42 100
72 40.8 32.2 48.4
71 37.3 30.7 46.1

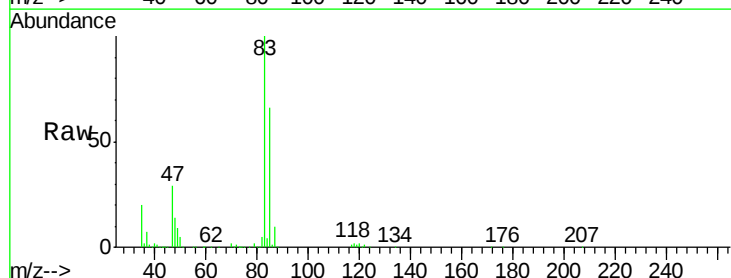


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

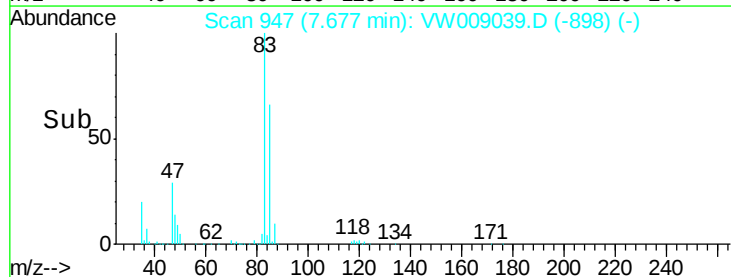
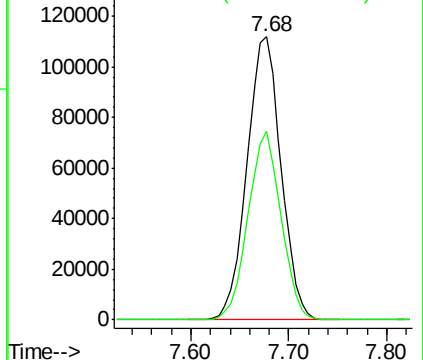


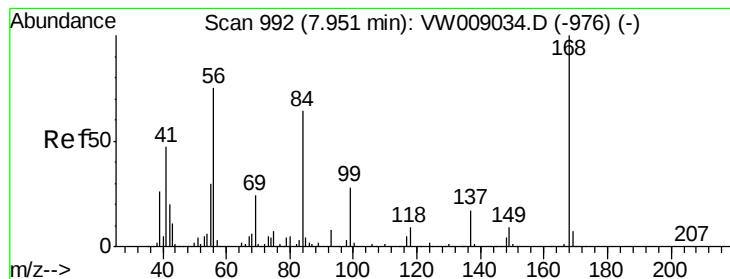
#30
Chloroform
Concen: 47.030 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 83 Resp: 269903
Ion Ratio Lower Upper
83 100
85 66.5 53.0 79.6



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





#31

Cyclohexane

Concen: 45.823 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

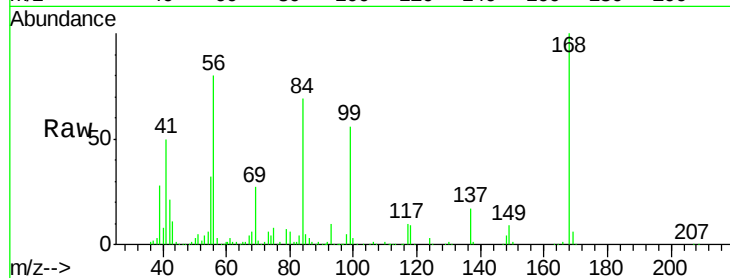
Tgt Ion: 56 Resp: 262277

Ion Ratio Lower Upper

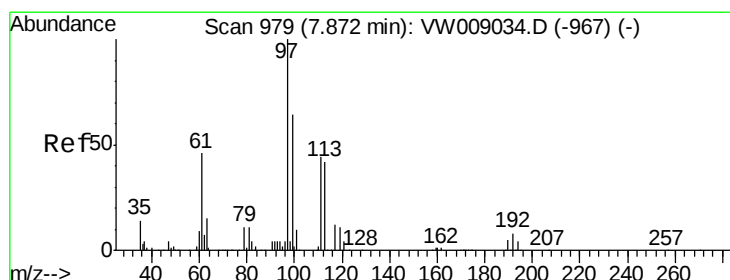
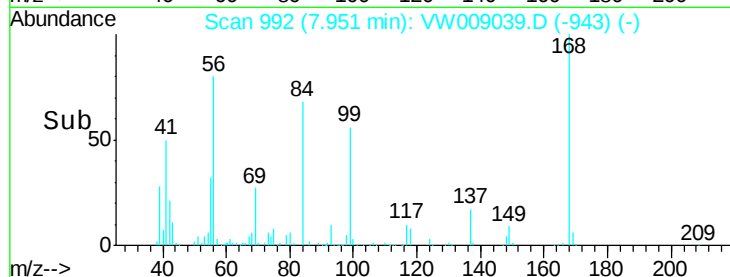
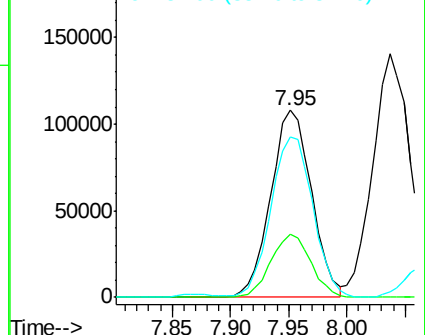
56 100

69 34.1 25.5 38.3

84 84.3 68.6 103.0



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



#32

1,1,1-Trichloroethane

Concen: 47.936 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

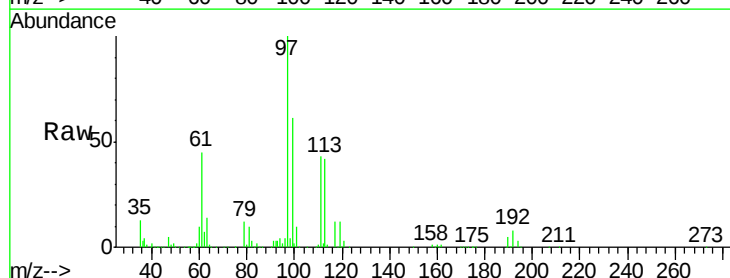
Tgt Ion: 97 Resp: 253885

Ion Ratio Lower Upper

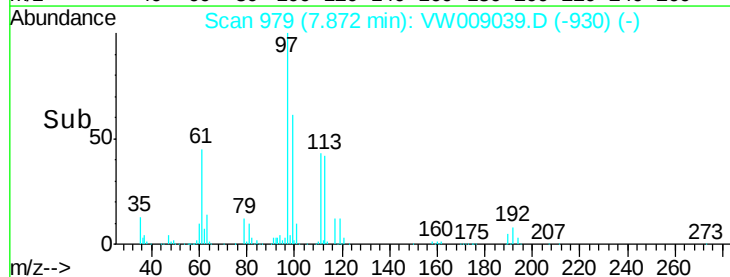
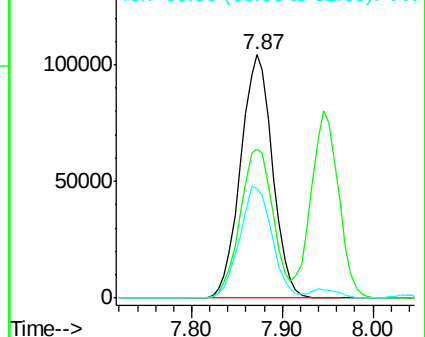
97 100

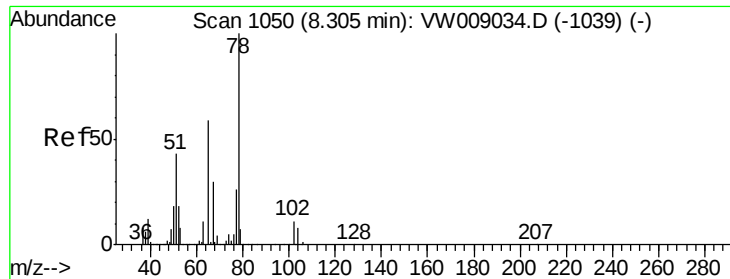
99 63.4 51.8 77.8

61 46.9 37.3 55.9



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

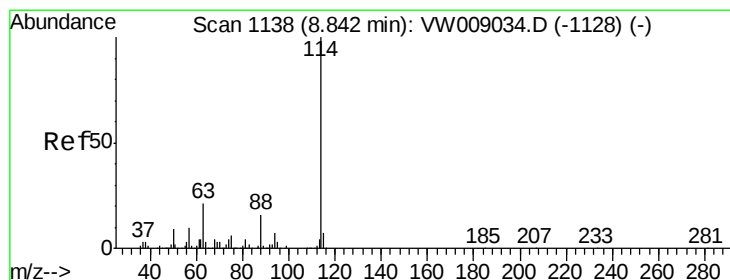
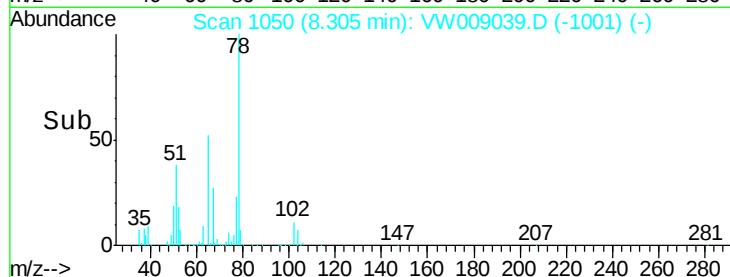
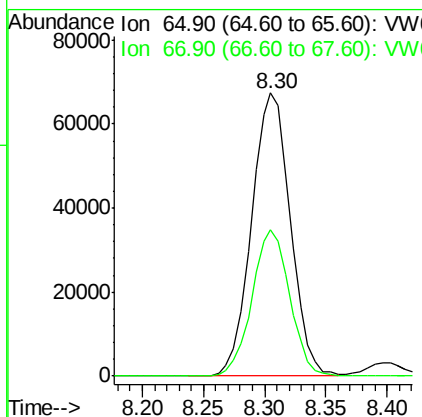
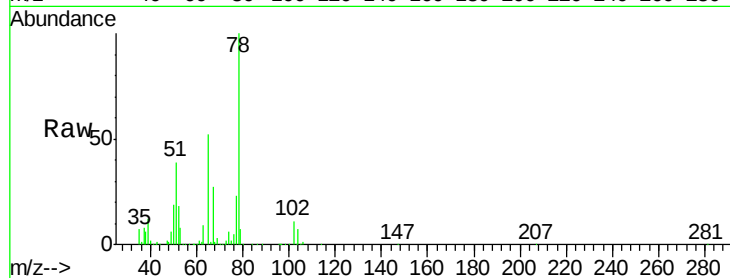




#33
 1,2-Dichloroethane-d4
 Concen: 48.342 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

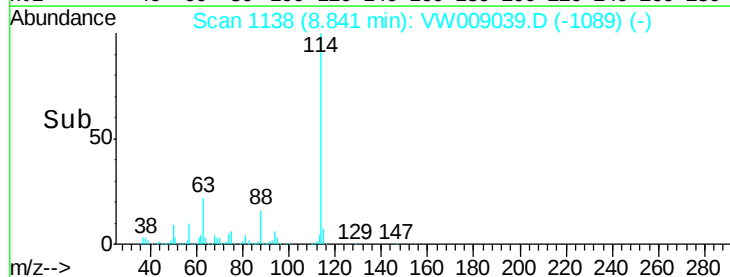
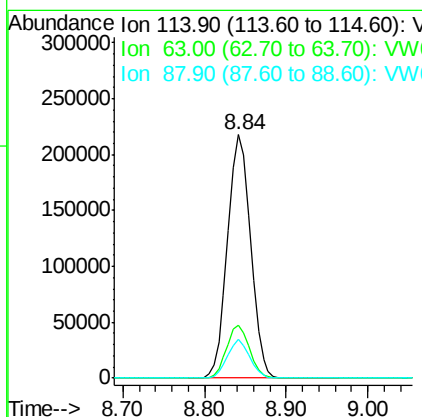
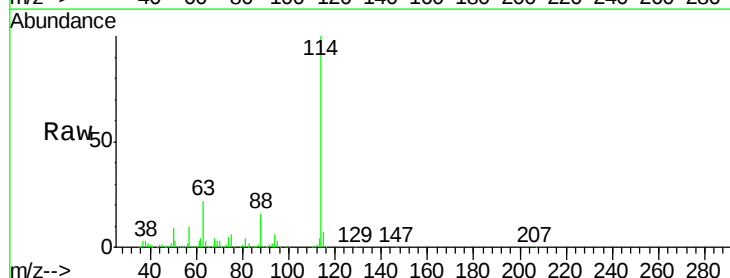
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

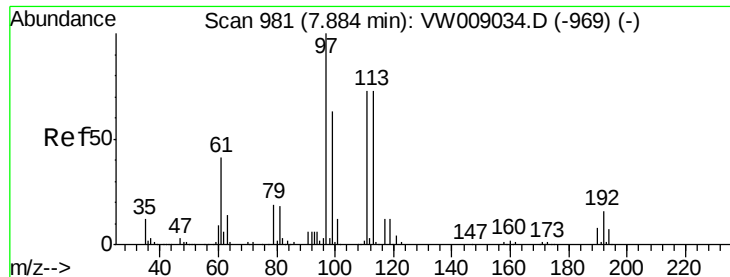
Tgt Ion: 65 Resp: 148368
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion: 114 Resp: 426481
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.2
 88 16.0 0.0 31.2

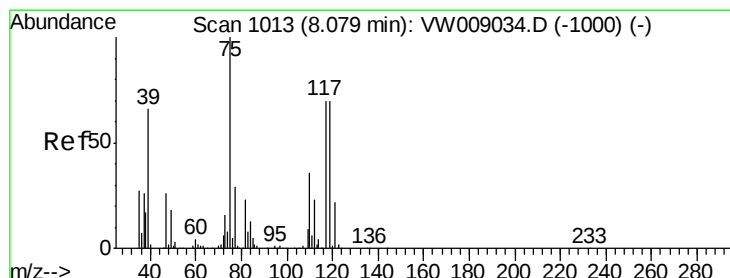
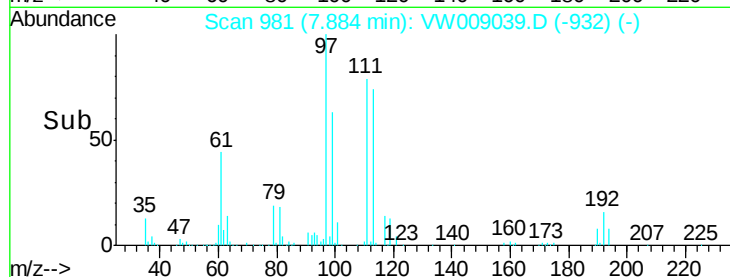
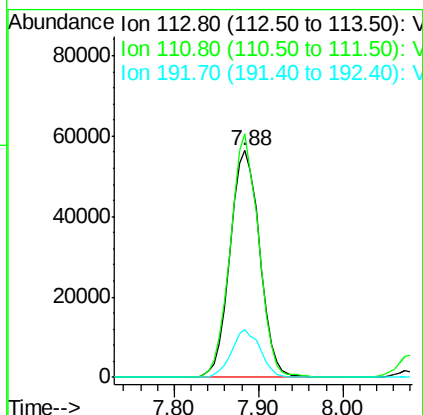
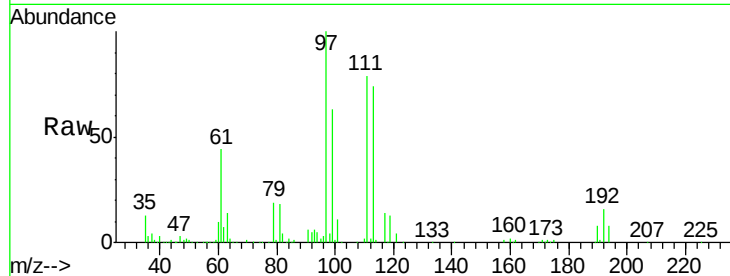




#35
 Dibromofluoromethane
 Concen: 52.401 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

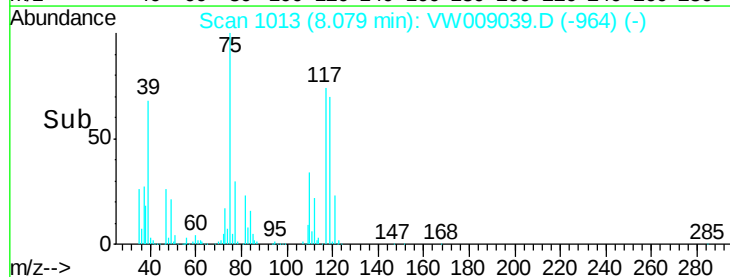
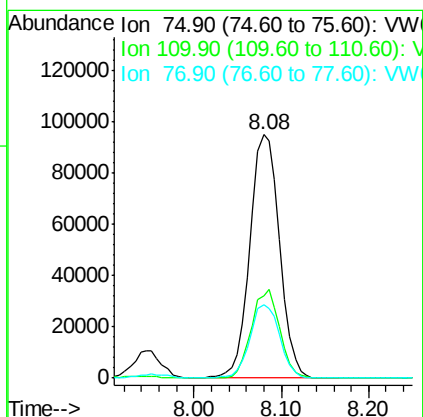
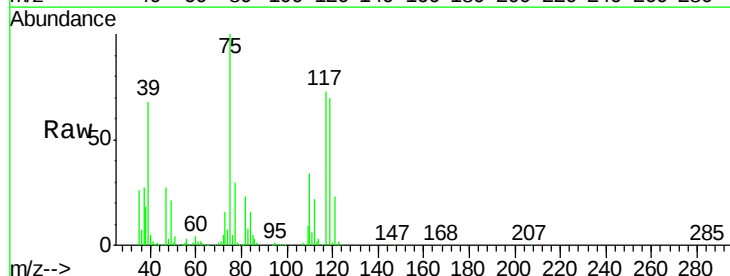
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

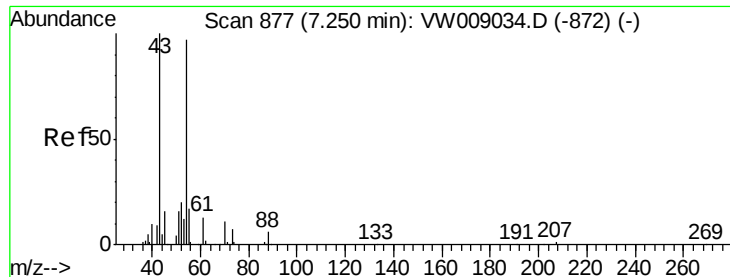
Tgt Ion: 113 Resp: 134555
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.4
 192 20.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 50.166 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion: 75 Resp: 223706
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.6 52.9
 77 30.5 25.1 37.7

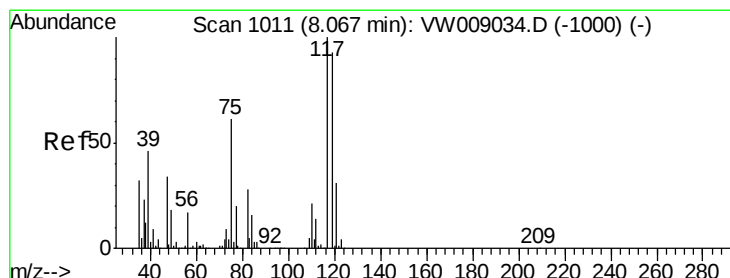
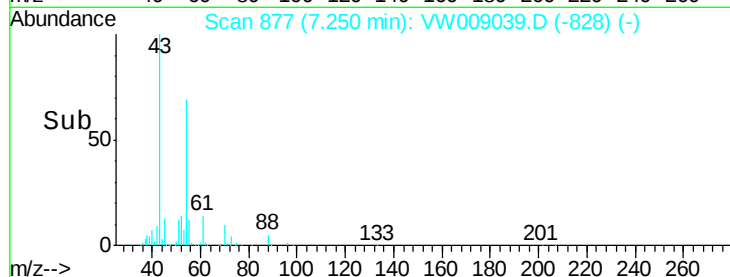
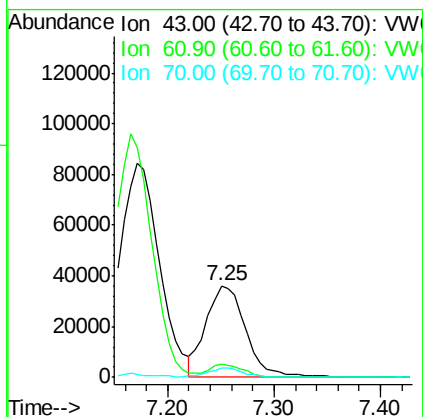
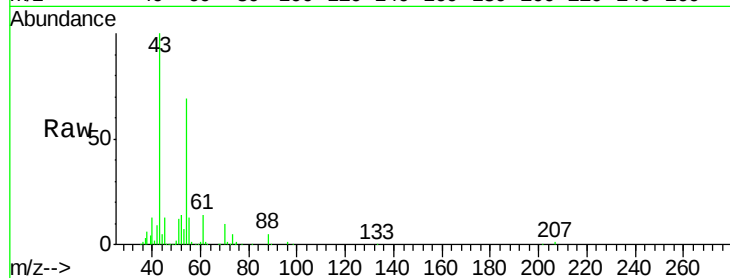




#37
Ethyl Acetate
Concen: 43.544 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

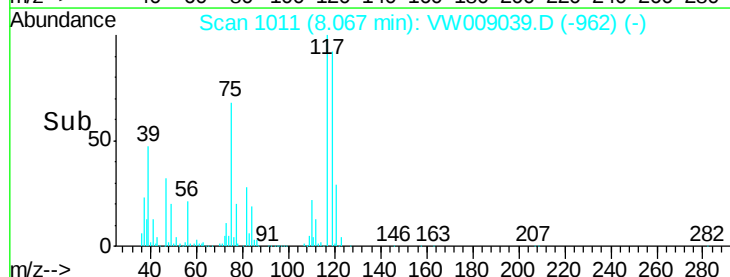
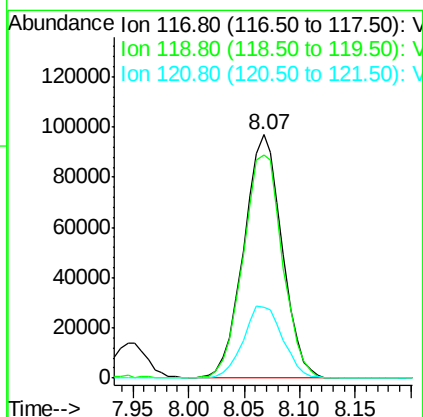
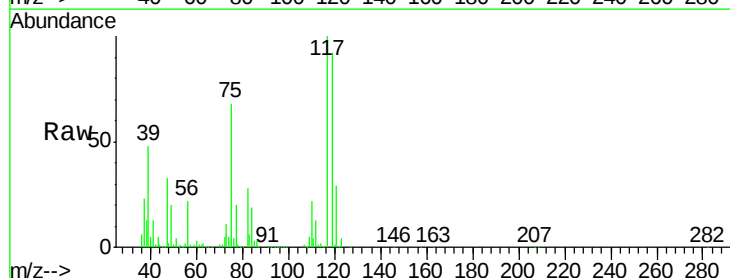
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

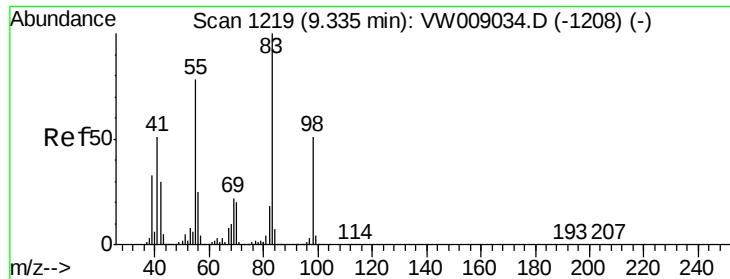
Tgt Ion: 43 Resp: 91208
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.6
70 9.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.209 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 117 Resp: 231229
Ion Ratio Lower Upper
117 100
119 91.7 74.6 112.0
121 29.0 24.7 37.1

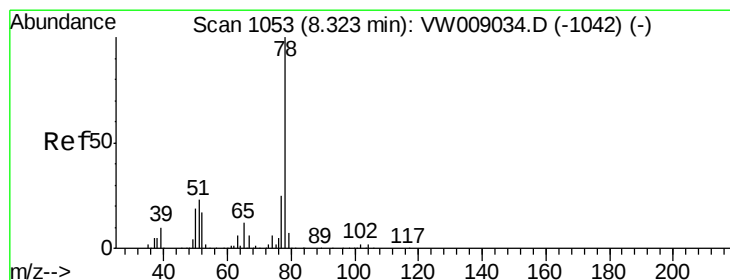
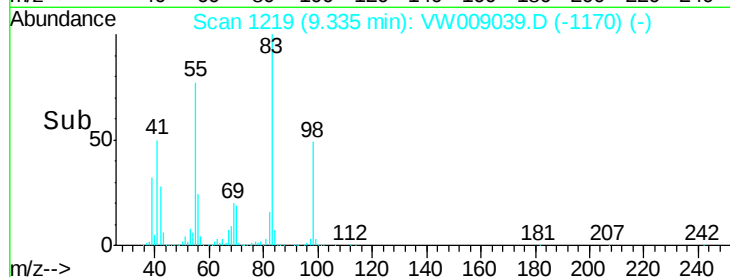
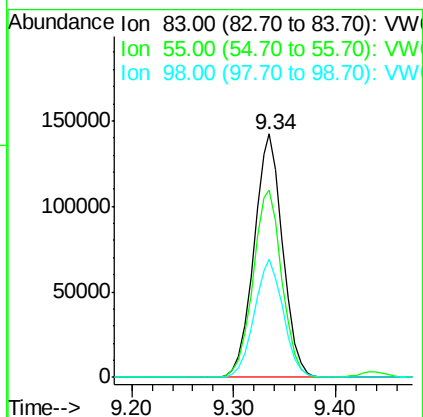
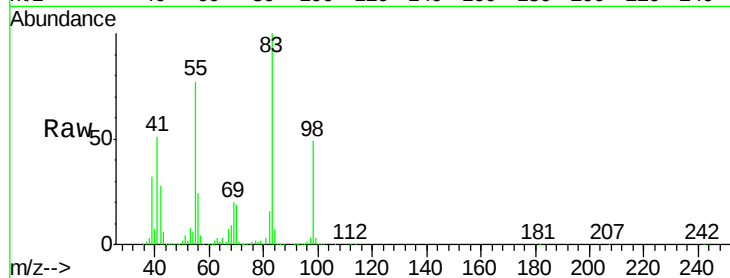




#39
Methylcyclohexane
Concen: 52.198 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

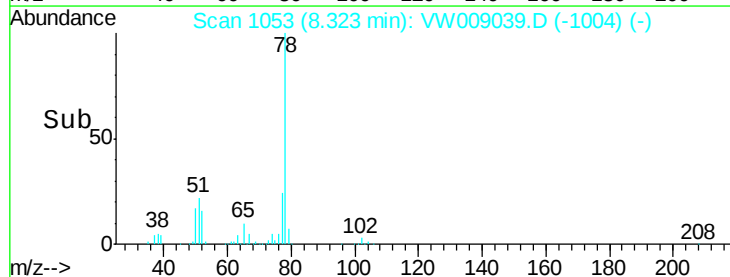
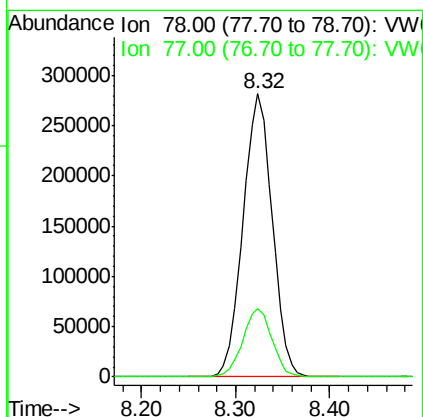
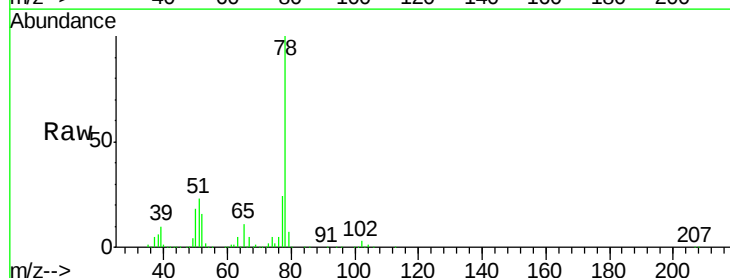
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

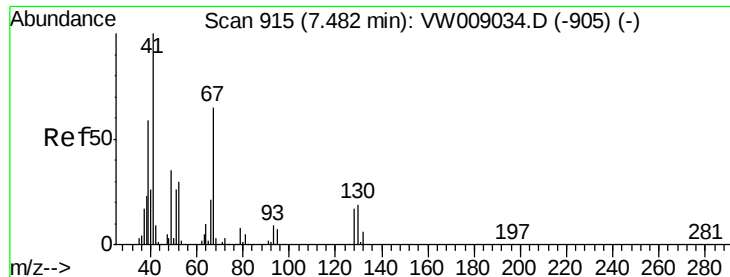
Tgt Ion: 83 Resp: 277244
Ion Ratio Lower Upper
83 100
55 77.0 62.7 94.1
98 48.7 40.8 61.2



#40
Benzene
Concen: 51.048 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 78 Resp: 607681
Ion Ratio Lower Upper
78 100
77 24.2 20.2 30.4





#41

Methacrylonitrile

Concen: 51.060 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tgt Ion: 41 Resp: 59391

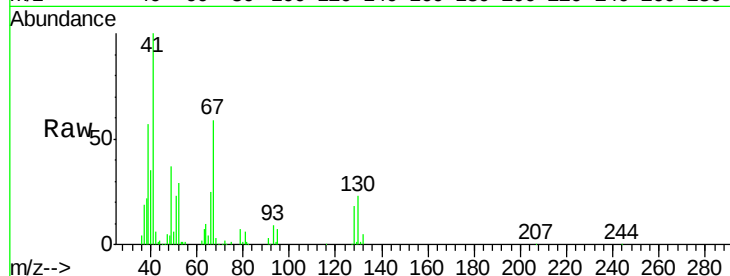
Ion Ratio Lower Upper

41 100

39 56.8 53.6 80.4

67 59.6 57.6 86.4

52 29.3 26.0 39.0

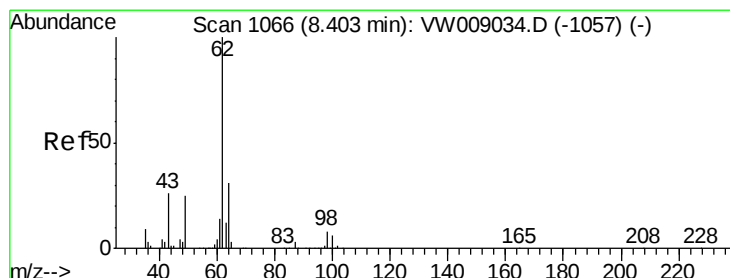
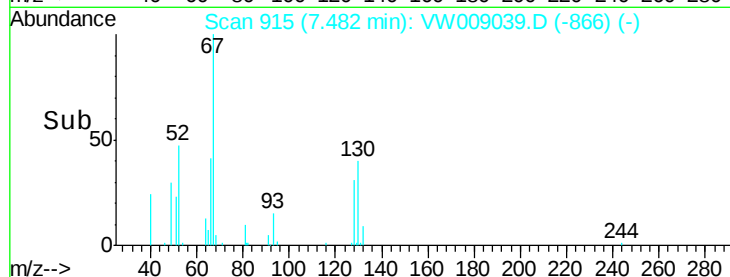
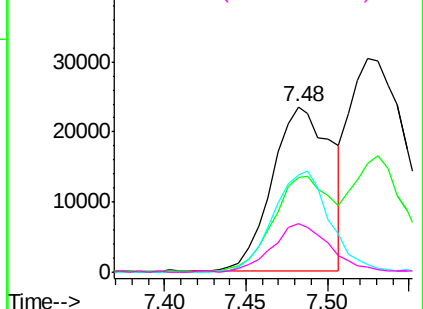


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 47.117 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW009039.D

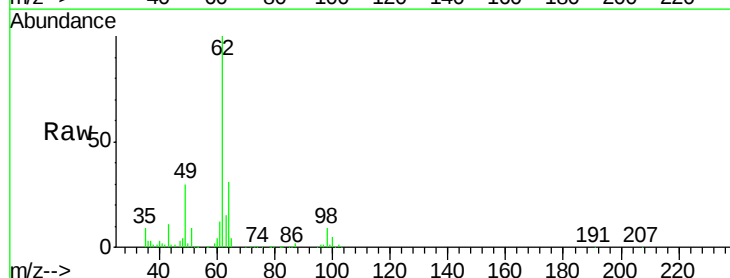
Acq: 07 Mar 2019 14:46

Tgt Ion: 62 Resp: 181075

Ion Ratio Lower Upper

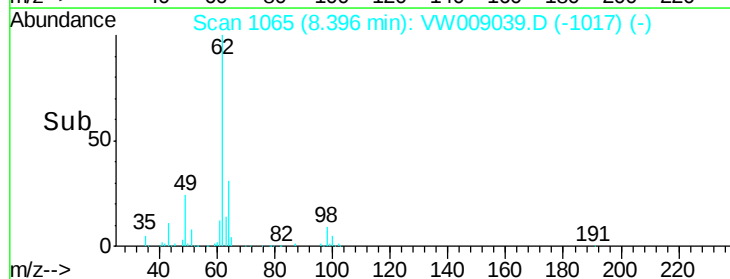
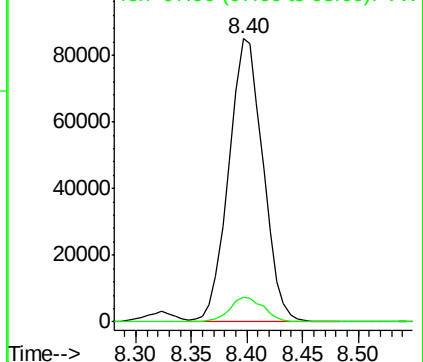
62 100

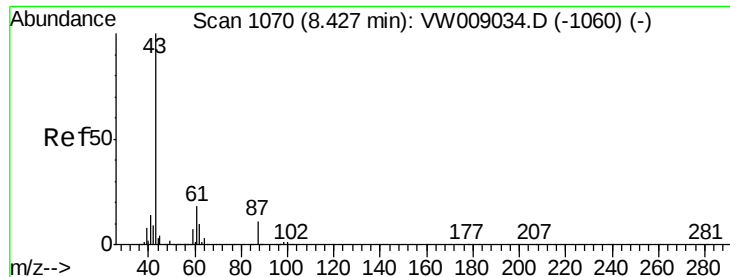
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 47.340 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

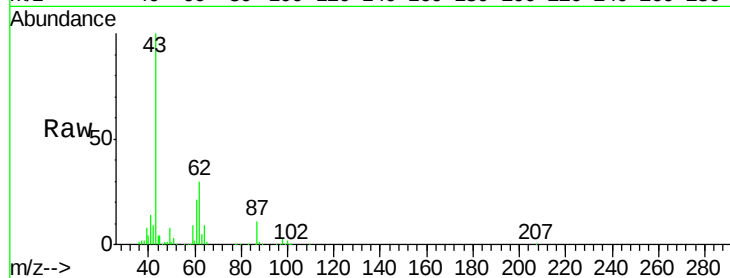
Tgt Ion: 43 Resp: 184681

Ion Ratio Lower Upper

43 100

61 28.7 22.8 34.2

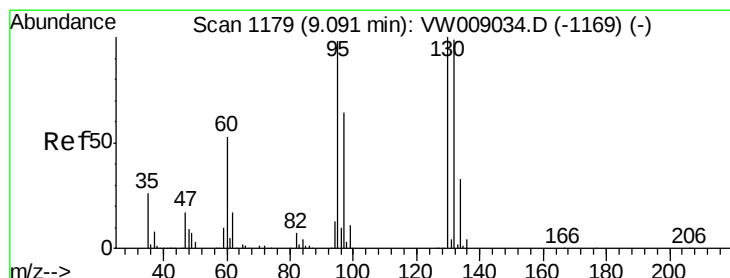
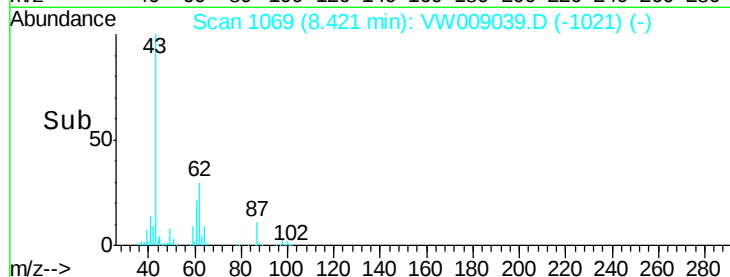
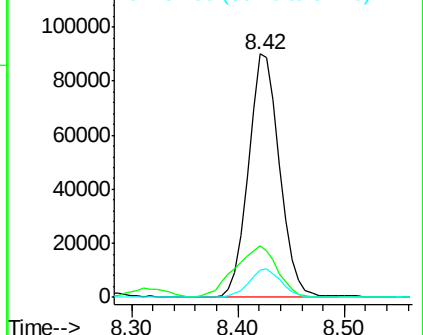
87 11.9 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.767 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW009039.D

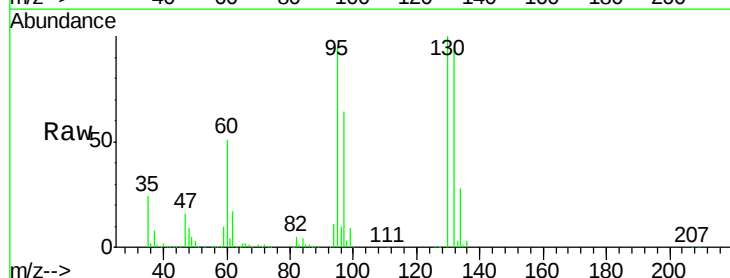
Acq: 07 Mar 2019 14:46

Tgt Ion: 130 Resp: 162707

Ion Ratio Lower Upper

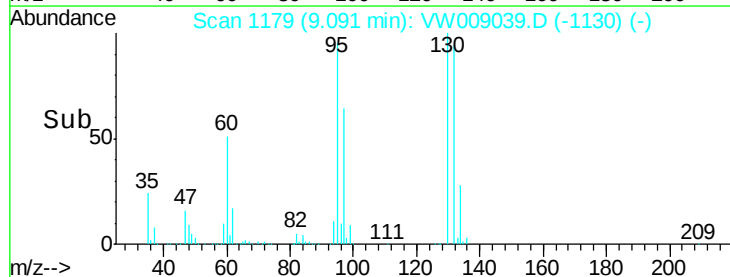
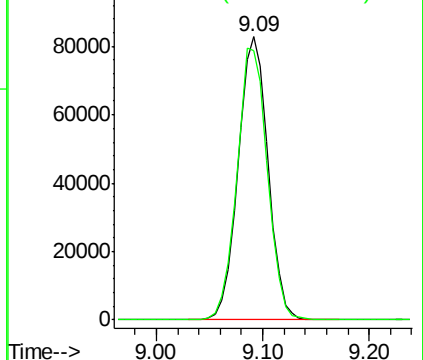
130 100

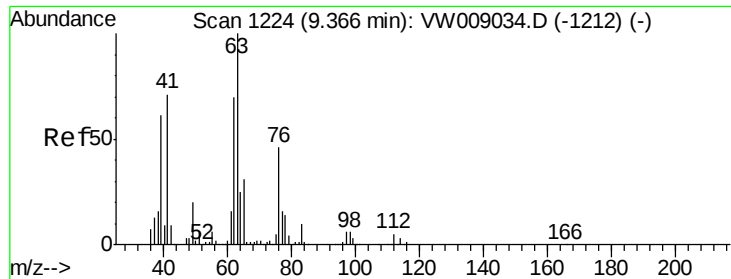
95 95.0 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.272 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

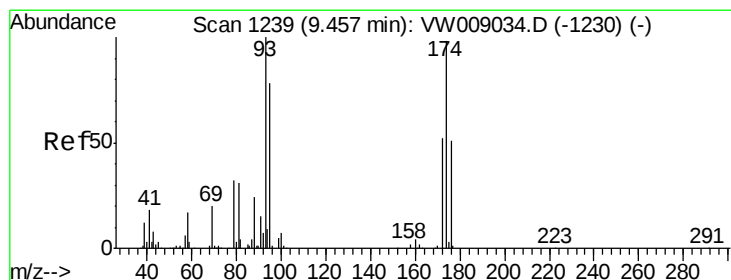
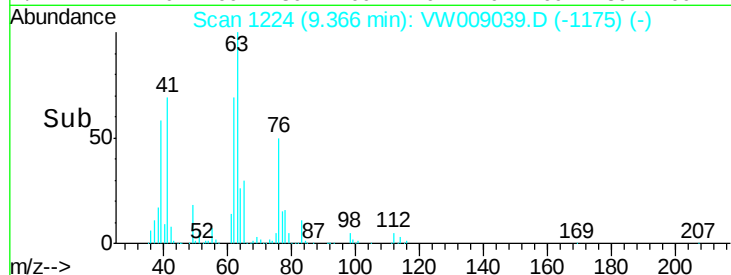
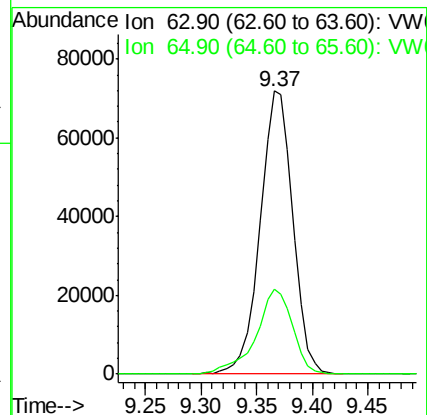
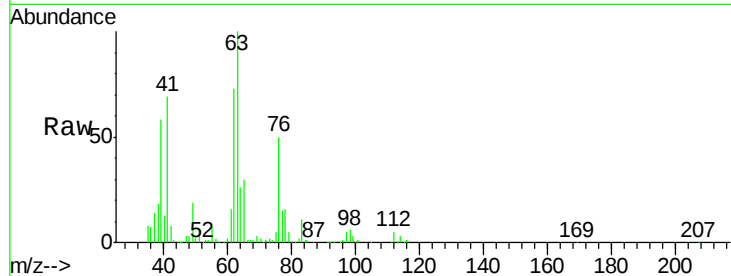
ICVW030719

Tgt Ion: 63 Resp: 146901

Ion Ratio Lower Upper

63 100

65 30.2 24.9 37.3



#46

Dibromomethane

Concen: 46.911 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

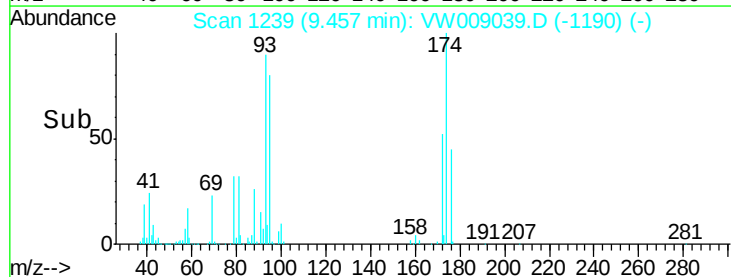
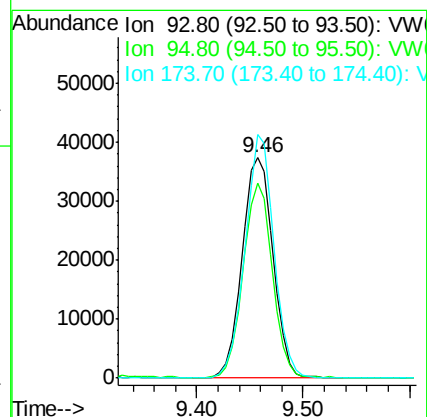
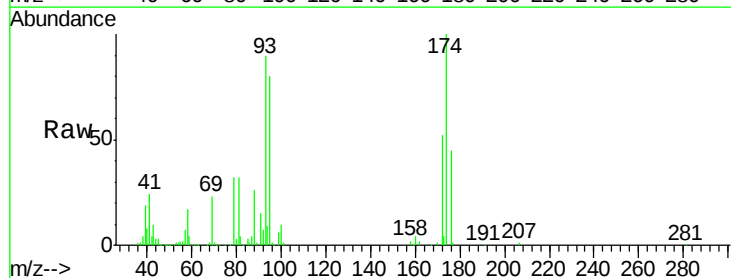
Tgt Ion: 93 Resp: 76384

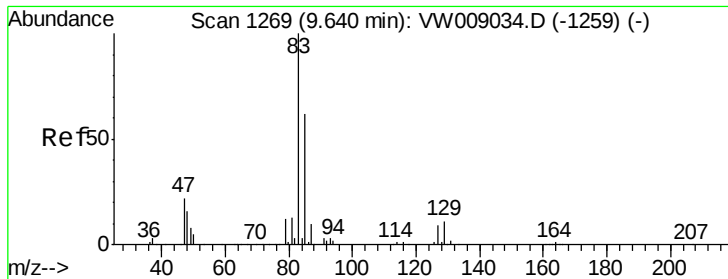
Ion Ratio Lower Upper

93 100

95 83.9 65.0 97.6

174 103.3 81.8 122.6





#47

Bromodichloromethane

Concen: 47.740 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

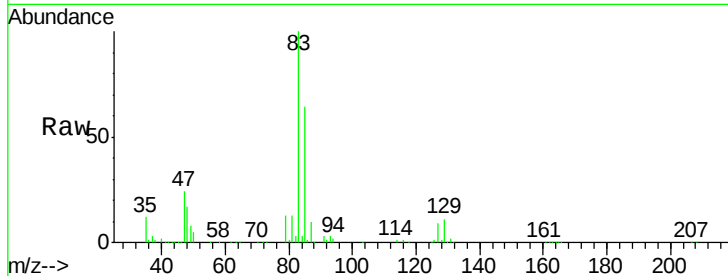
Tgt Ion: 83 Resp: 196776

Ion Ratio Lower Upper

83 100

85 63.7 49.9 74.9

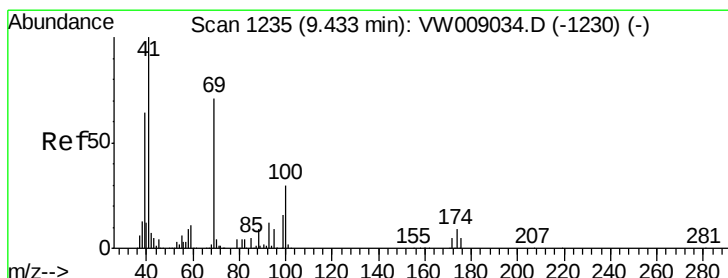
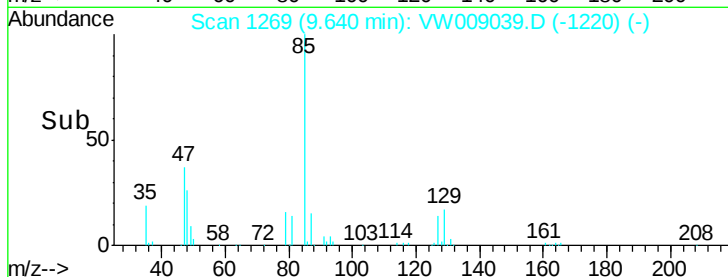
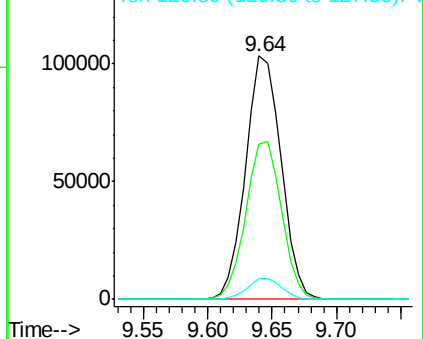
127 8.8 7.1 10.7



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: 48.144 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

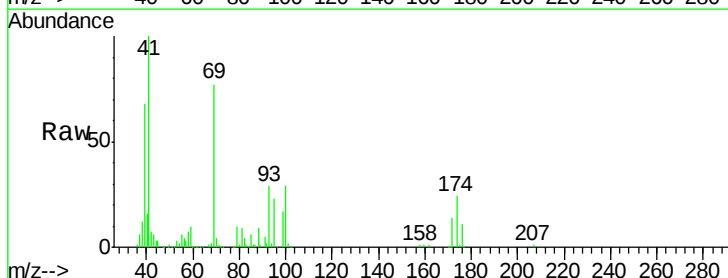
Tgt Ion: 41 Resp: 87454

Ion Ratio Lower Upper

41 100

69 80.1 59.1 88.7

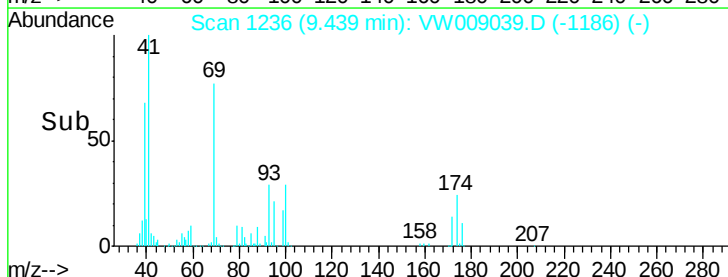
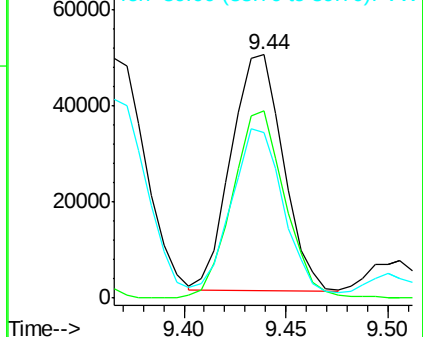
39 67.7 48.9 73.3

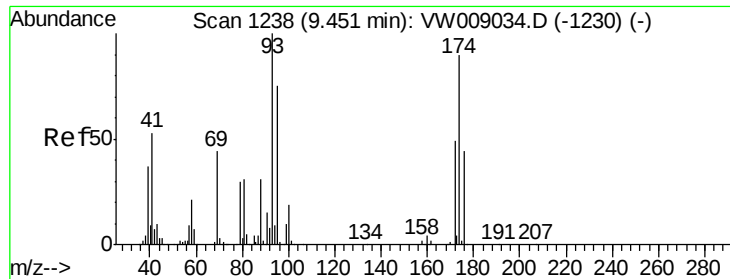


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 937.957 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

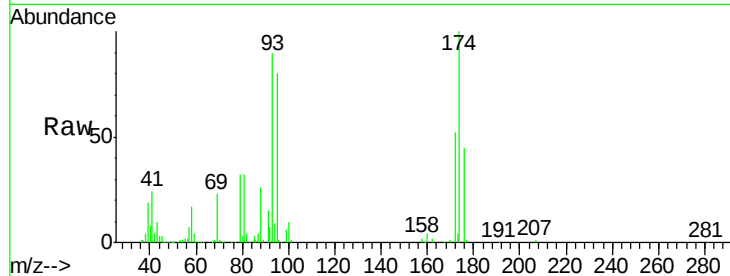
Tgt Ion: 88 Resp: 21870

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

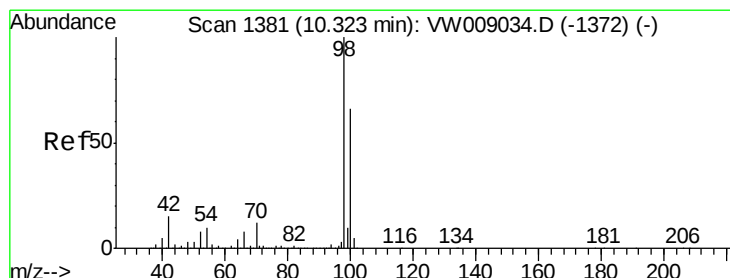
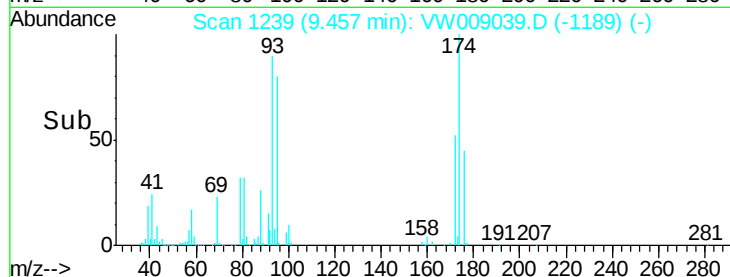
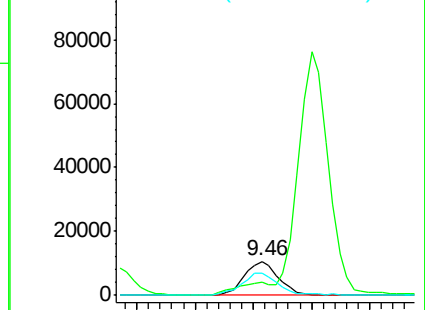
58 72.9 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 55.470 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009039.D

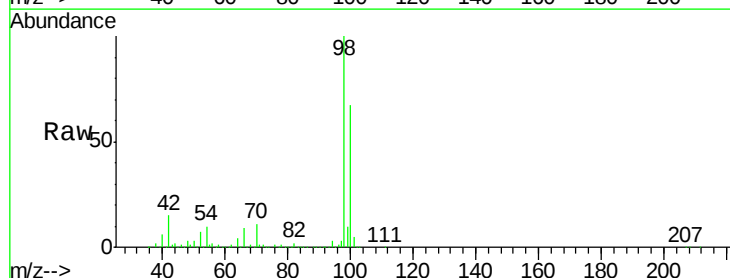
Acq: 07 Mar 2019 14:46

Tgt Ion: 98 Resp: 585000

Ion Ratio Lower Upper

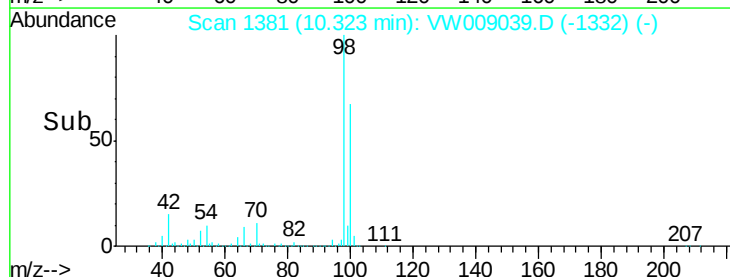
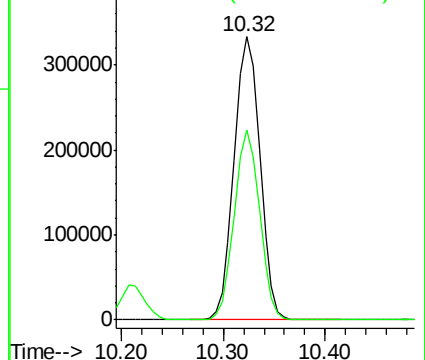
98 100

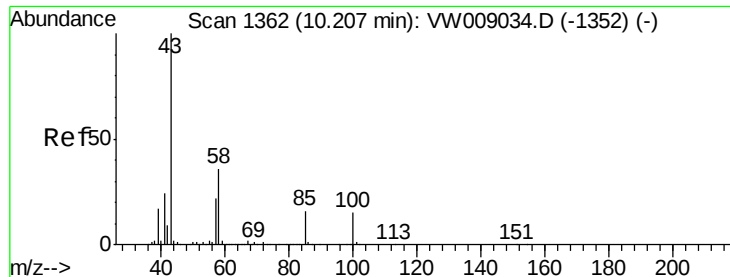
100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

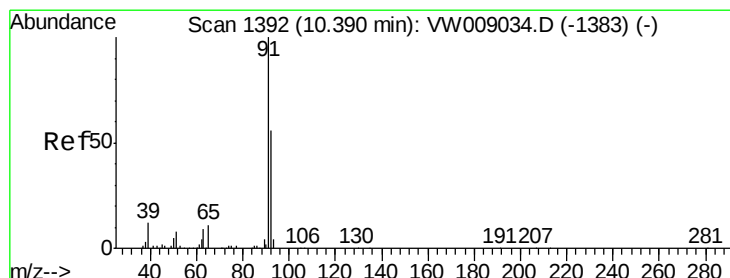
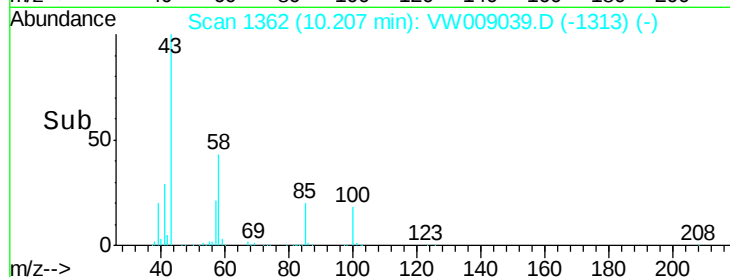
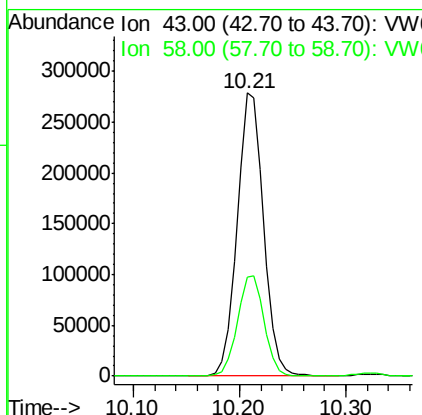
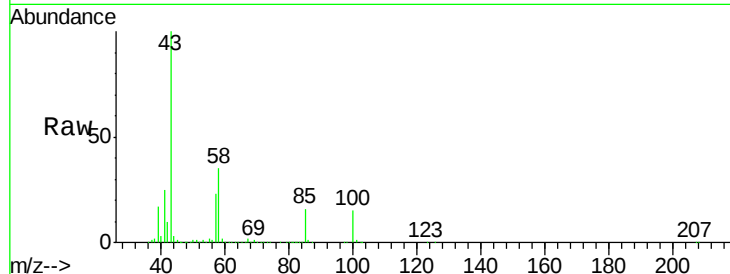




#51
 4-Methyl-2-Pentanone
 Concen: 244.589 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

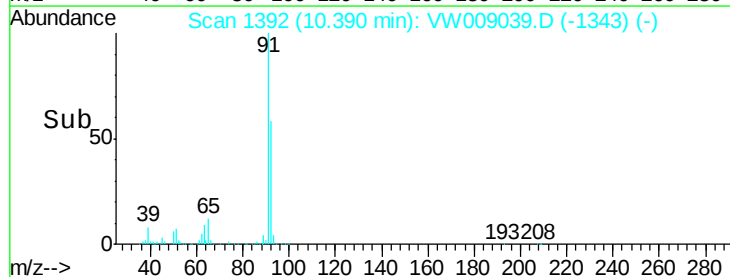
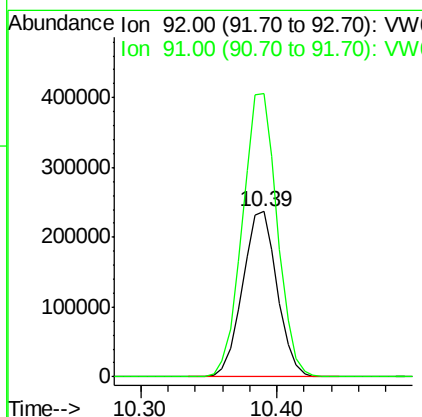
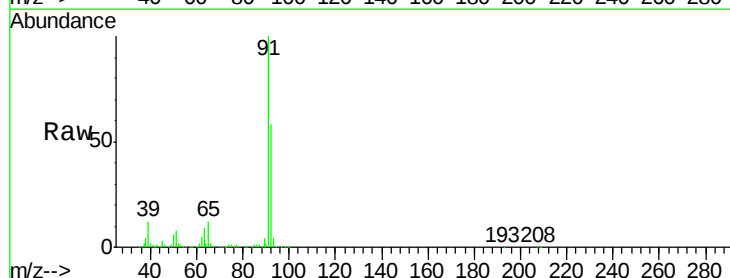
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

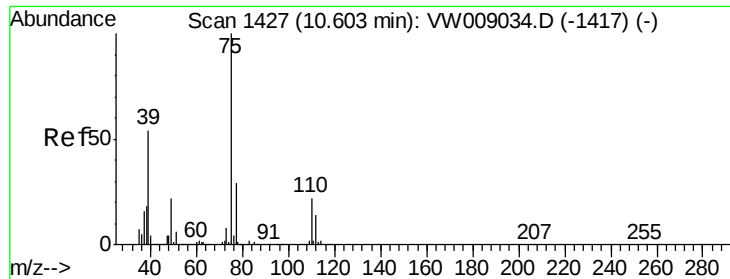
Tgt Ion: 43 Resp: 484407
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.8 43.2



#52
 Toluene
 Concen: 52.197 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion: 92 Resp: 421398
 Ion Ratio Lower Upper
 92 100
 91 172.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 49.799 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

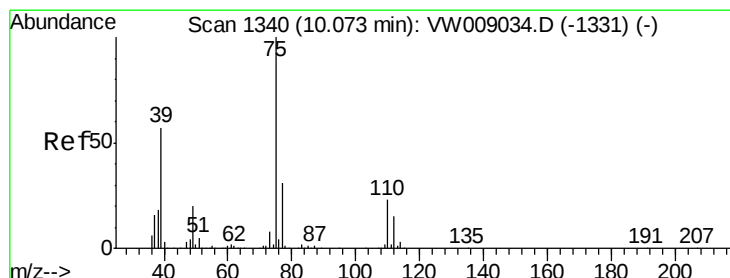
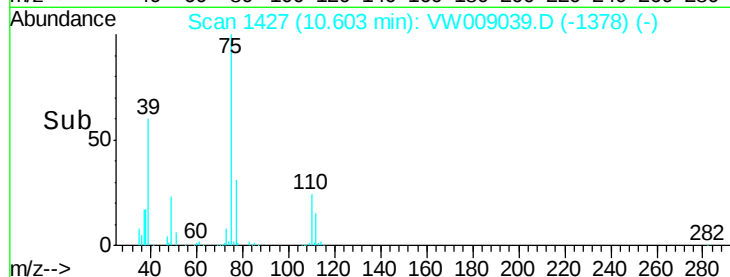
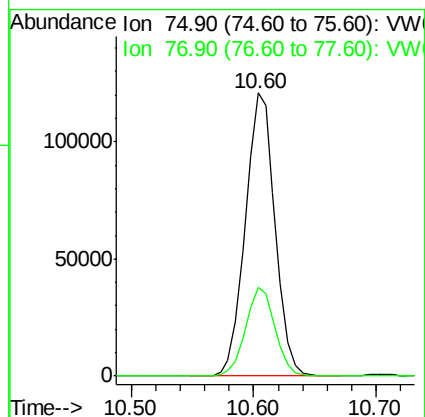
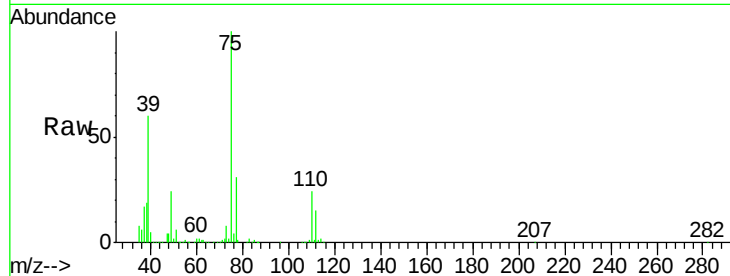
ICVW030719

Tgt Ion: 75 Resp: 203011

Ion Ratio Lower Upper

75 100

77 31.1 23.6 35.4



#54

cis-1,3-Dichloropropene

Concen: 49.462 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

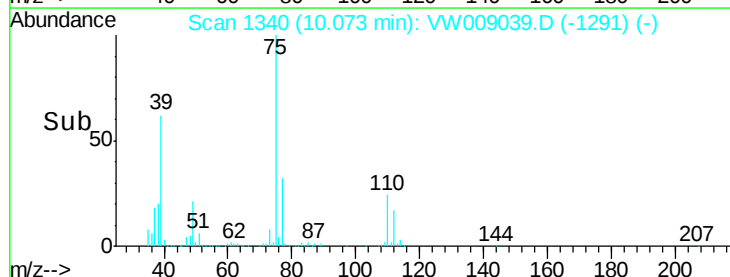
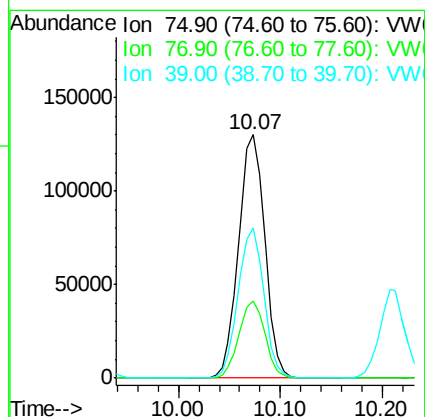
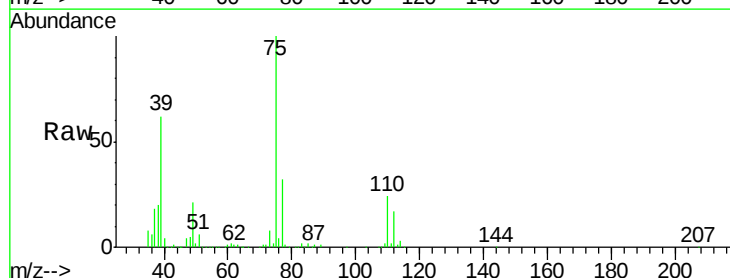
Tgt Ion: 75 Resp: 231715

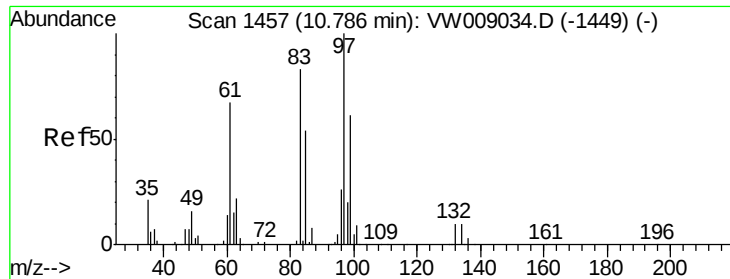
Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

39 61.6 45.9 68.9

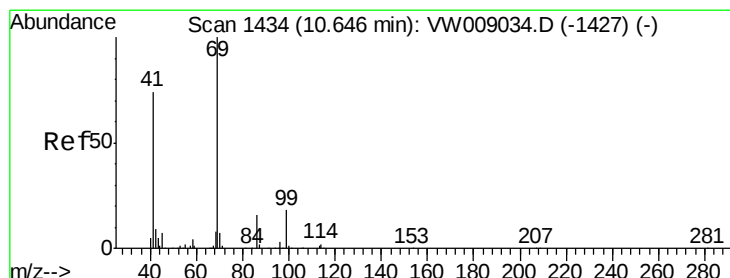
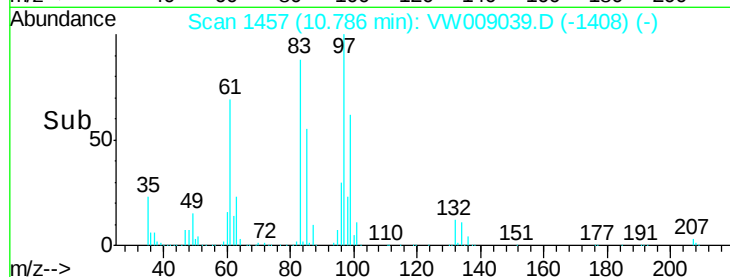
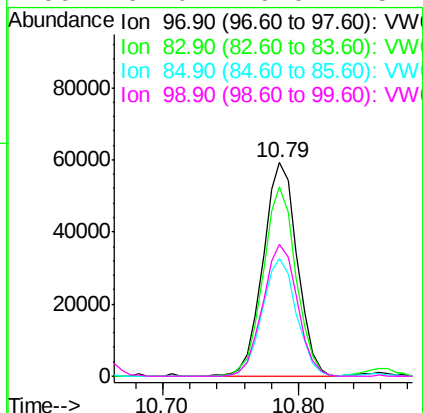
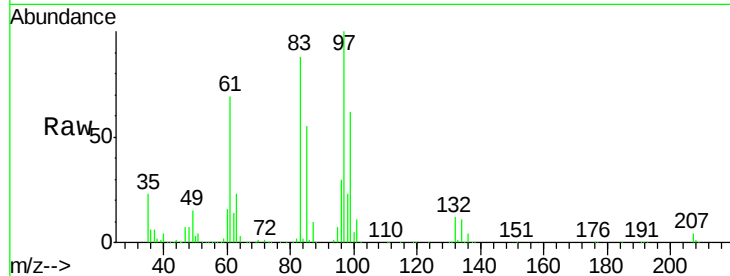




#55
 1,1,2-Trichloroethane
 Concen: 47.327 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

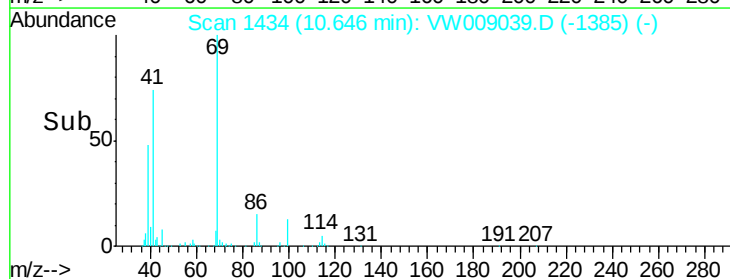
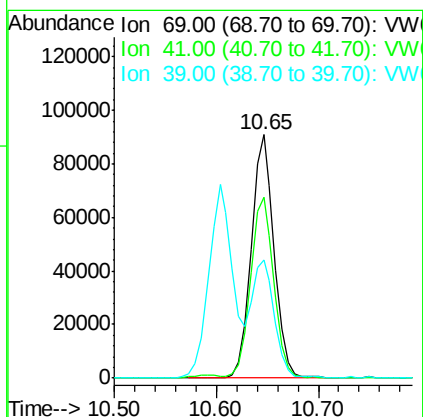
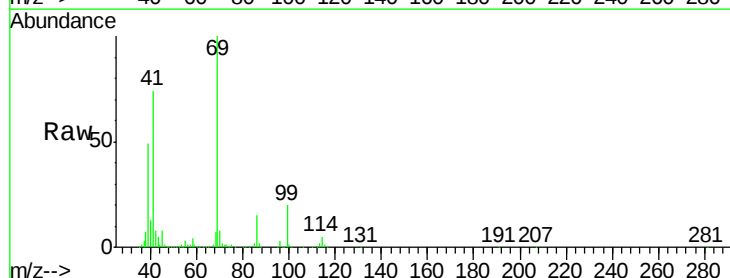
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

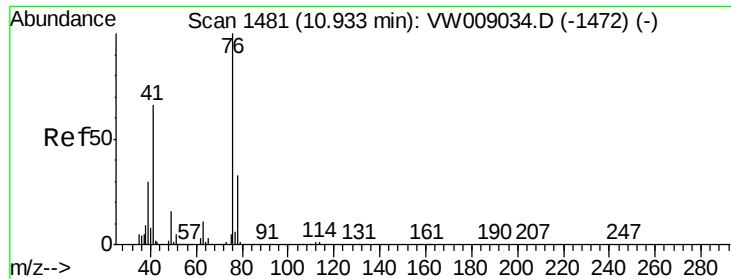
Tgt Ion:	97	Resp:	104449
Ion	Ratio	Lower	Upper
97	100		
83	88.3	66.2	99.2
85	55.4	43.6	65.4
99	62.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.803 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion:	69	Resp:	141889
Ion	Ratio	Lower	Upper
69	100		
41	75.5	59.4	89.2
39	47.2	38.5	57.7





#57

1,3-Dichloropropane

Concen: 47.912 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

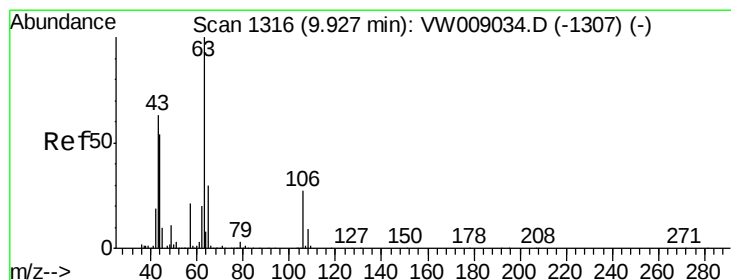
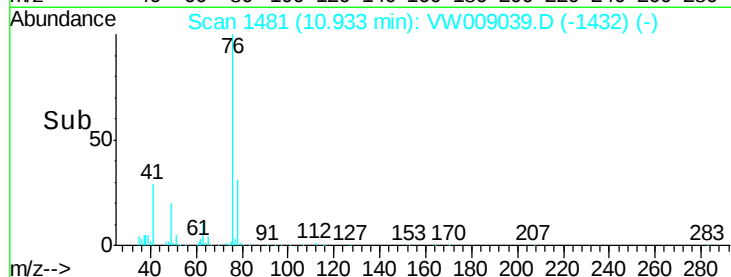
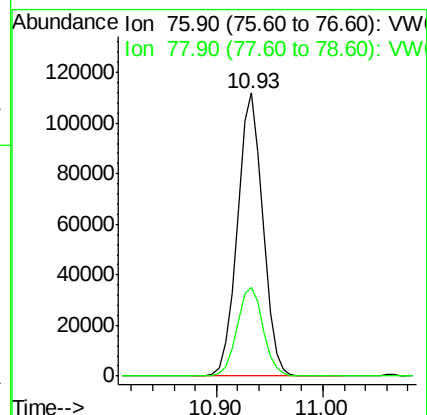
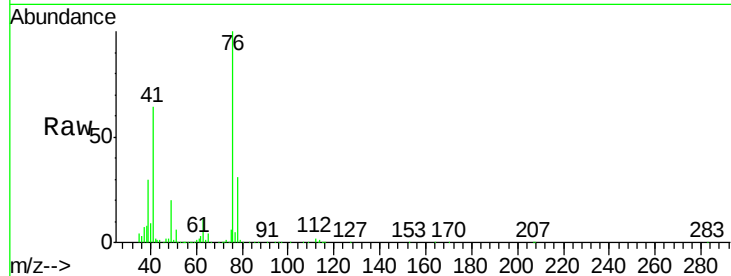
ICVW030719

Tgt Ion: 76 Resp: 187317

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 236.988 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW009039.D

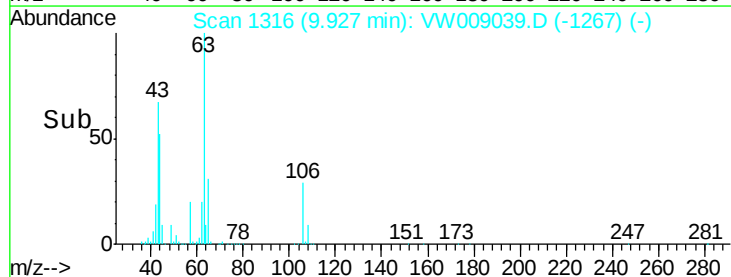
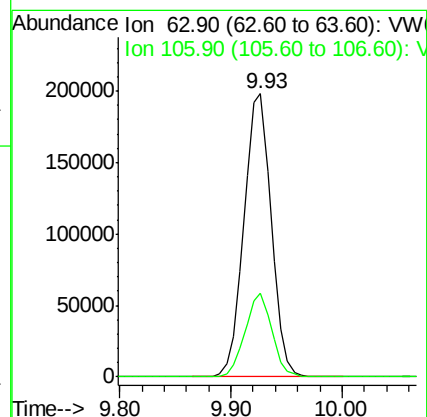
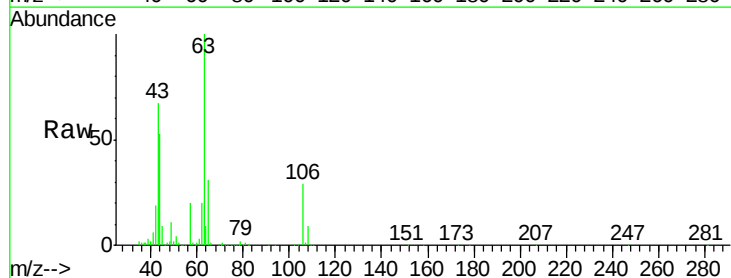
Acq: 07 Mar 2019 14:46

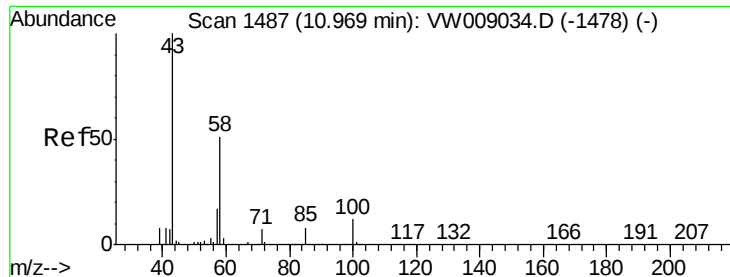
Tgt Ion: 63 Resp: 336504

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6

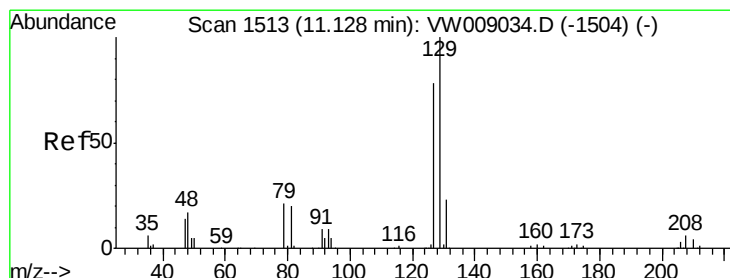
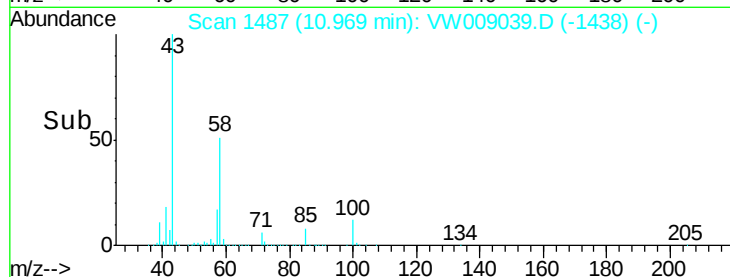
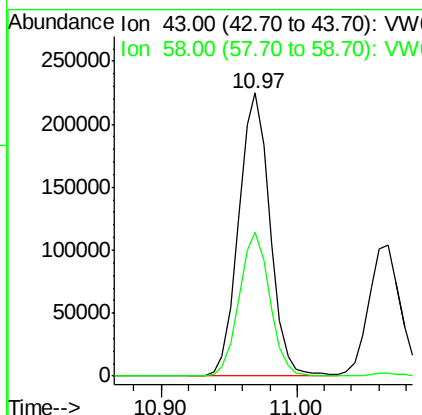
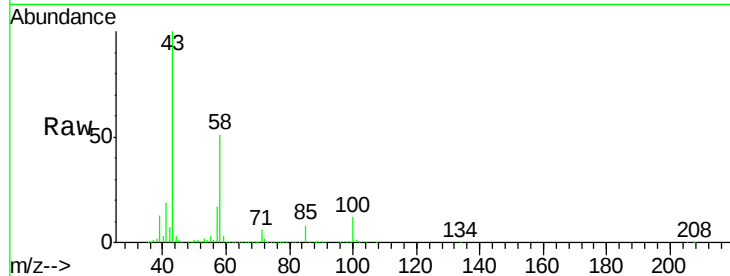




#59
2-Hexanone
Concen: 258.814 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

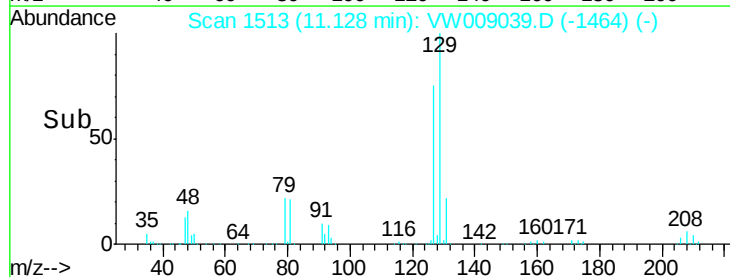
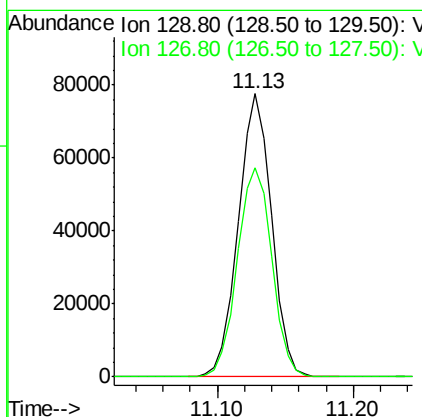
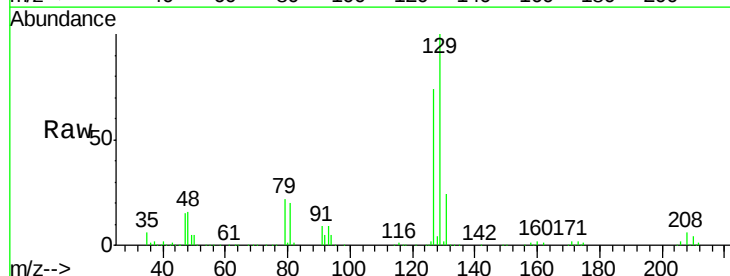
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

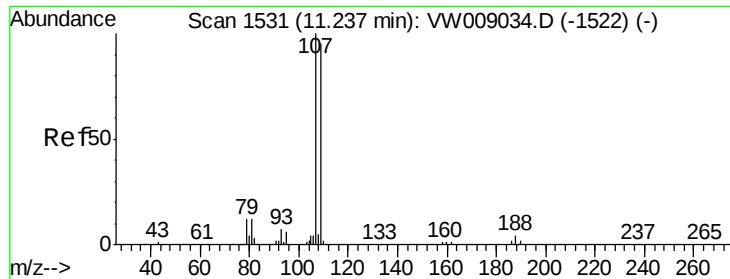
Tgt Ion: 43 Resp: 360387
Ion Ratio Lower Upper
43 100
58 49.9 25.3 75.9



#60
Dibromochloromethane
Concen: 48.465 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 129 Resp: 132366
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.508 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

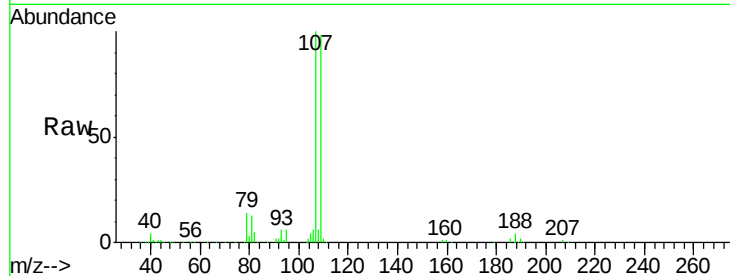
ICVW030719

Tgt Ion: 107 Resp: 102786

Ion Ratio Lower Upper

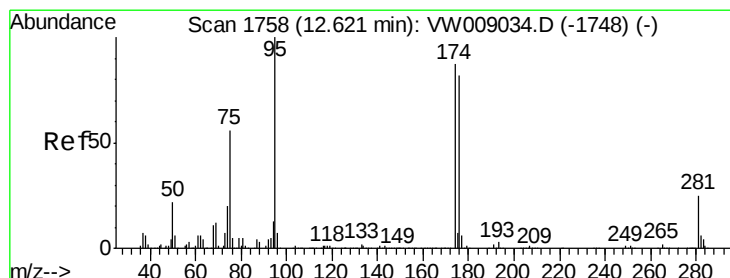
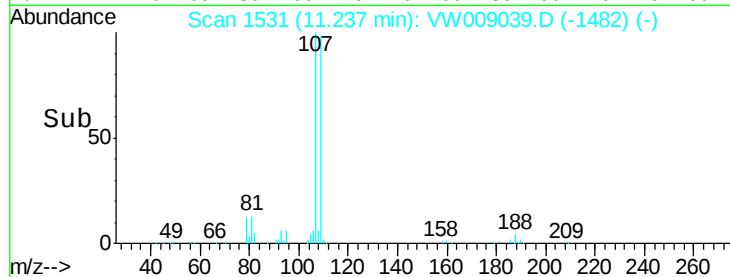
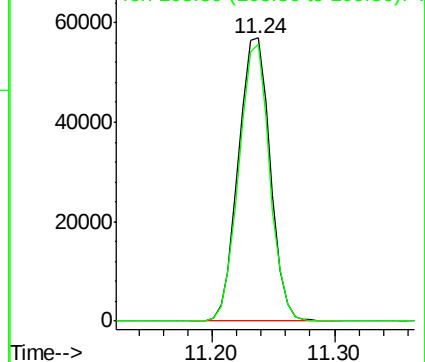
107 100

109 94.2 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.916 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

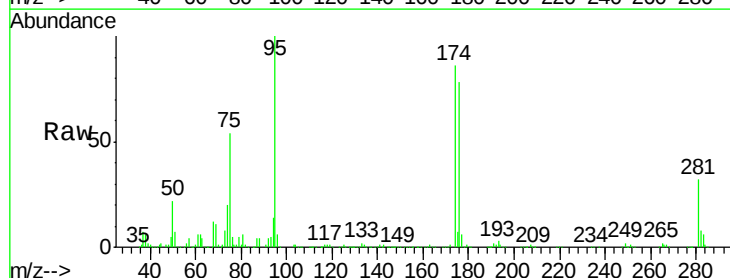
Tgt Ion: 95 Resp: 219692

Ion Ratio Lower Upper

95 100

174 82.9 0.0 167.0

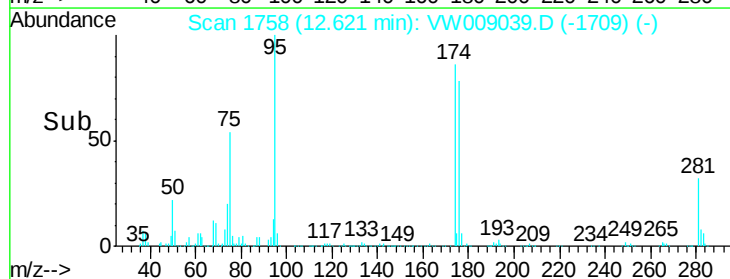
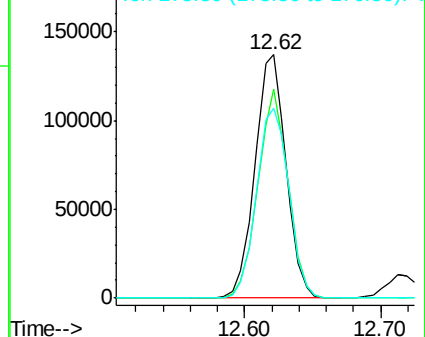
176 81.5 0.0 159.4

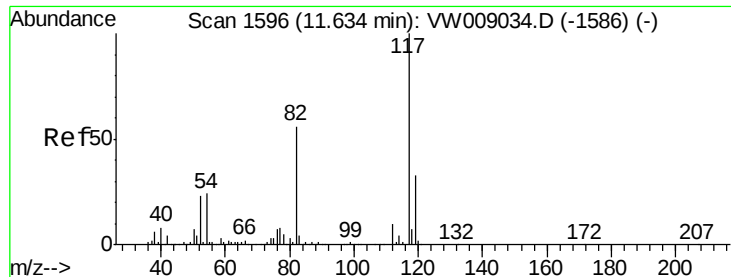


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

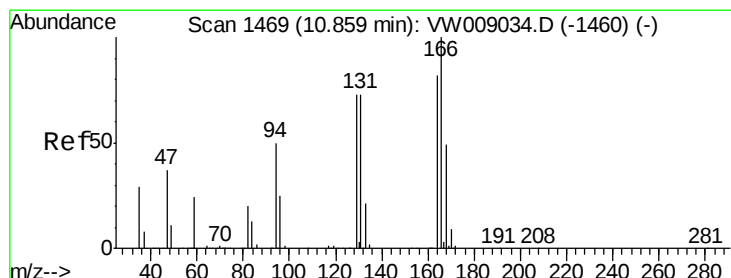
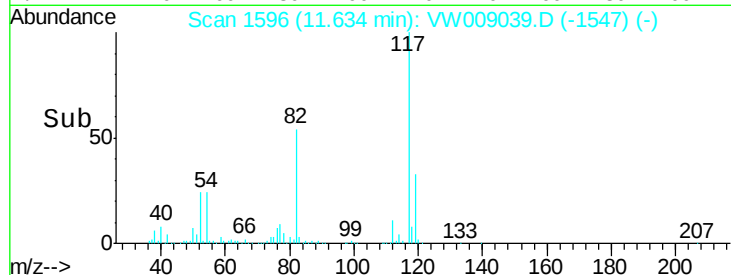
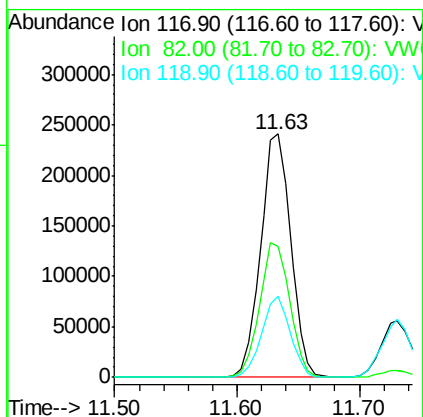
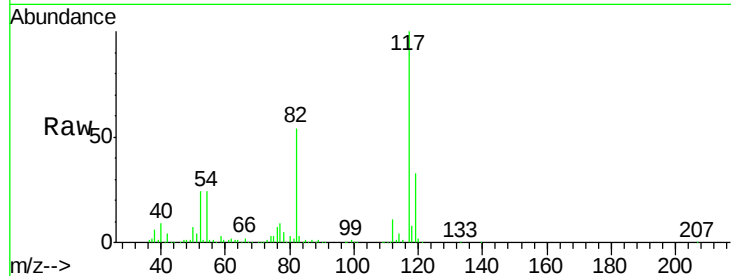




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

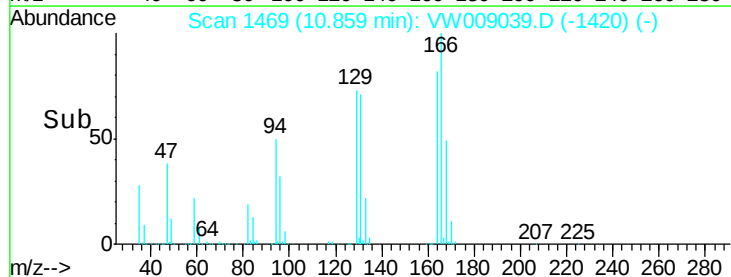
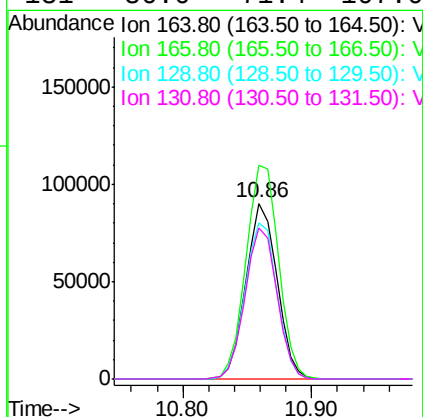
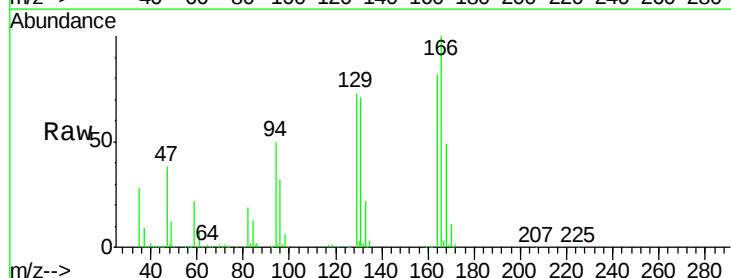
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

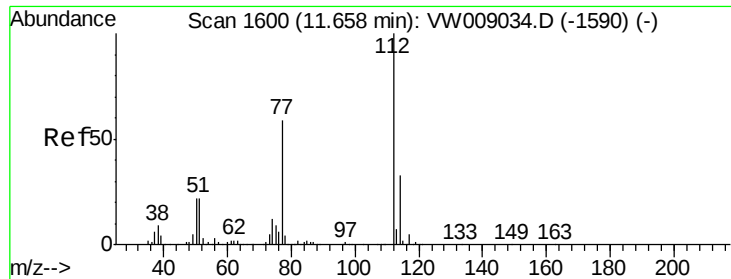
Tgt Ion:117 Resp: 413097
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.6
119 33.3 26.6 39.8



#64
Tetrachloroethene
Concen: 50.327 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion:164 Resp: 149928
Ion Ratio Lower Upper
164 100
166 121.3 97.8 146.6
129 88.6 71.6 107.4
131 86.0 71.4 107.0

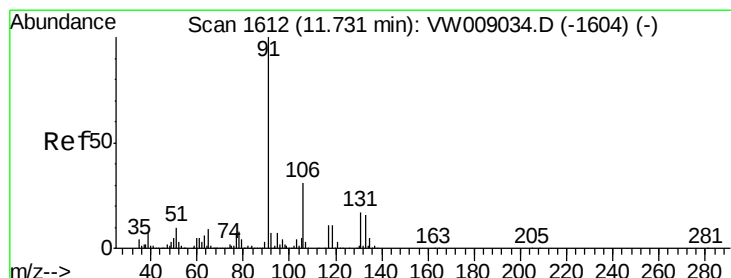
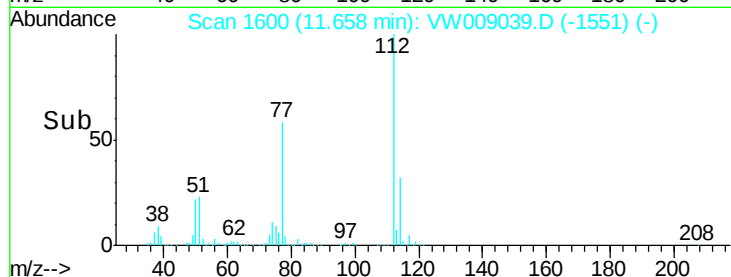
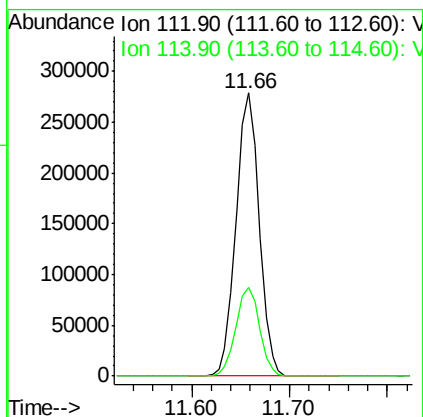
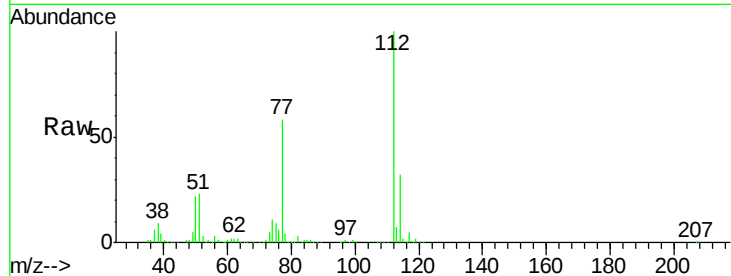




#65
Chlorobenzene
Concen: 51.198 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

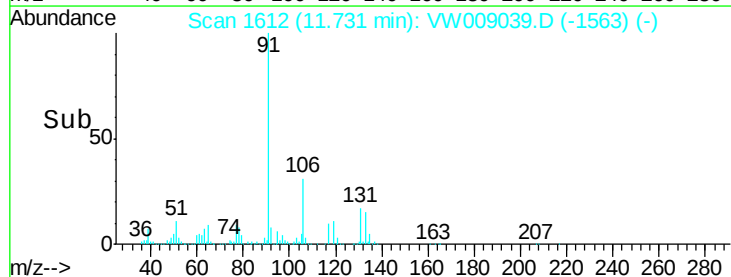
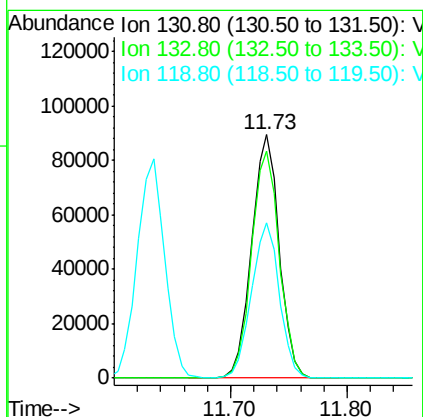
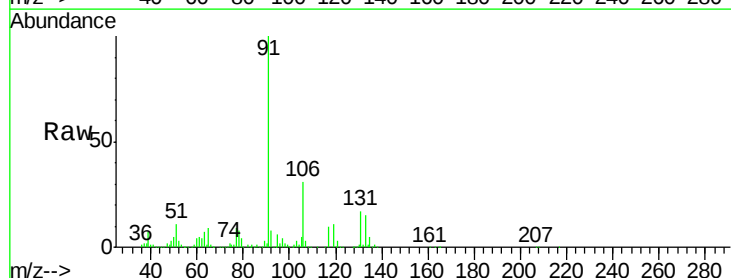
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

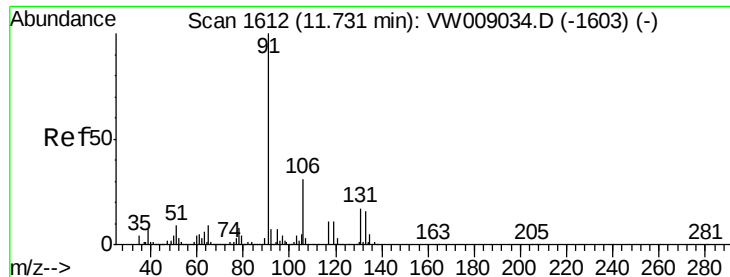
Tgt Ion:112 Resp: 460350
Ion Ratio Lower Upper
112 100
114 31.5 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.193 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion:131 Resp: 147690
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.8
119 64.5 31.3 93.8





#67

Ethyl Benzene

Concen: 52.503 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

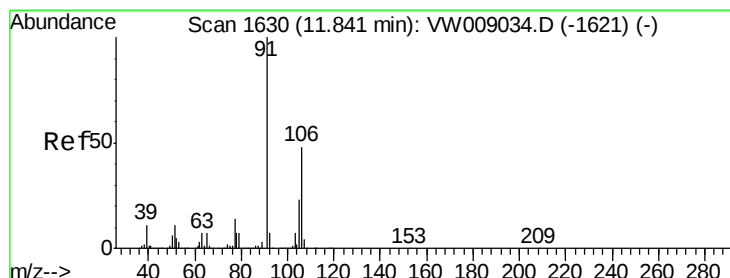
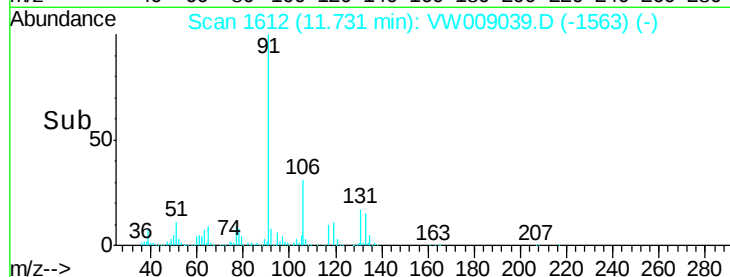
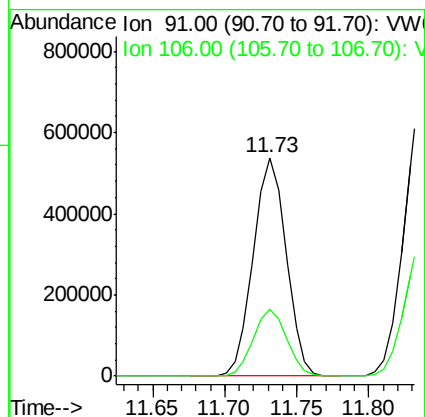
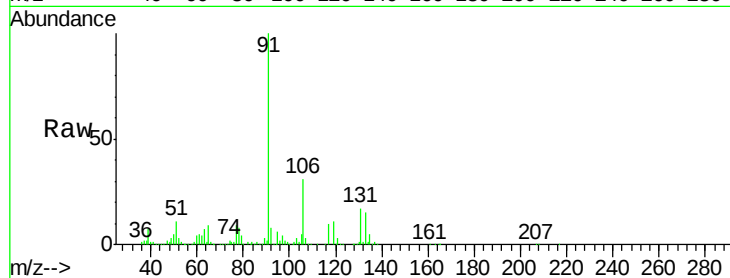
ICVW030719

Tgt Ion: 91 Resp: 852843

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 104.742 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW009039.D

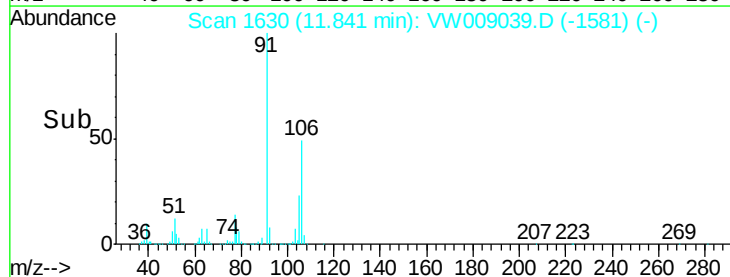
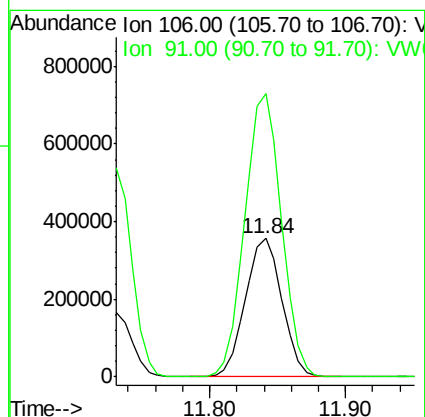
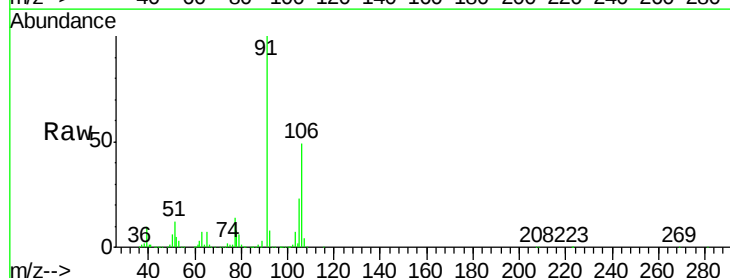
Acq: 07 Mar 2019 14:46

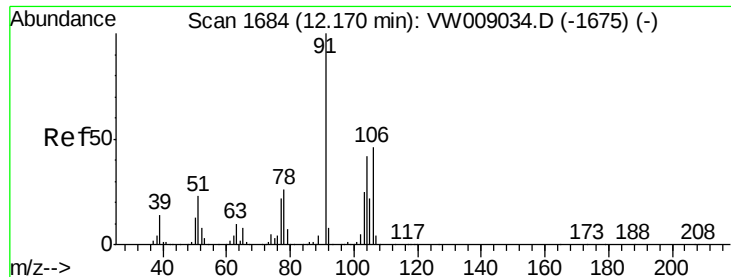
Tgt Ion: 106 Resp: 671569

Ion Ratio Lower Upper

106 100

91 204.9 163.2 244.8

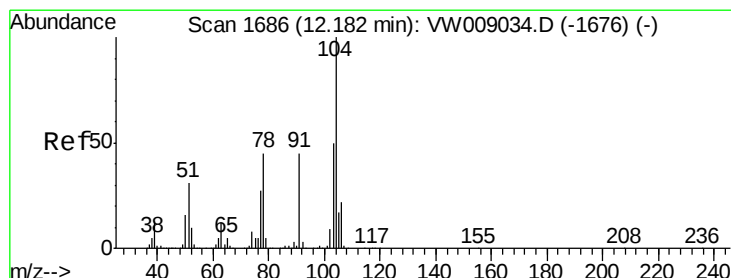
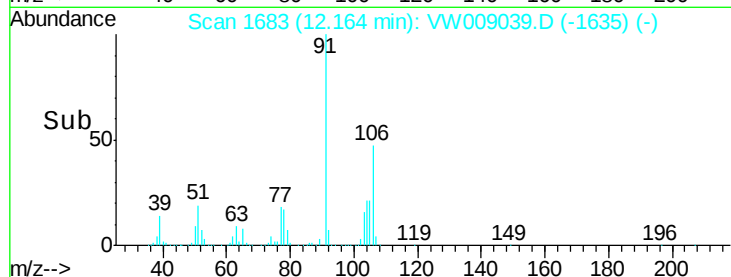
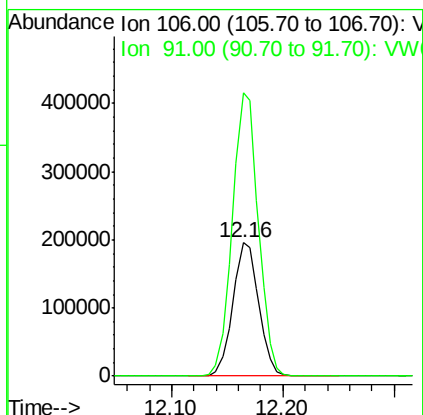
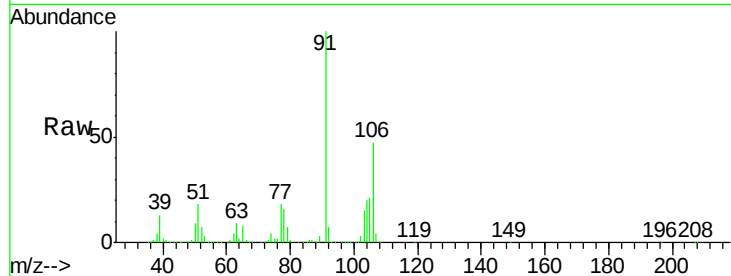




#69
o-Xylene
Concen: 52.353 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

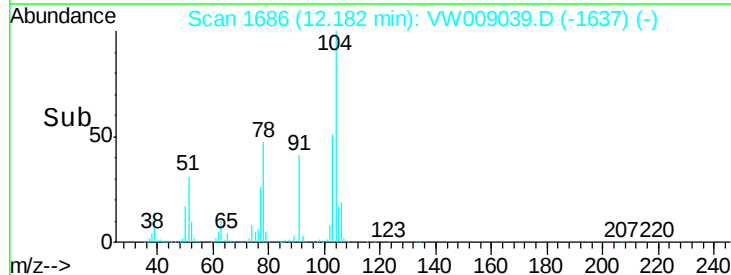
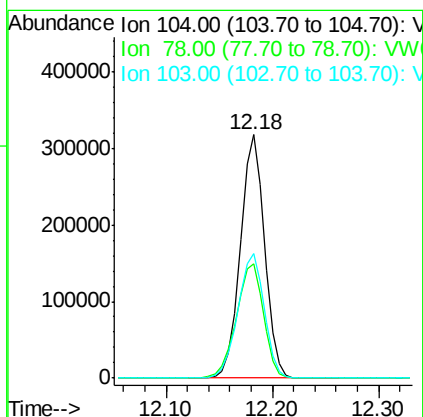
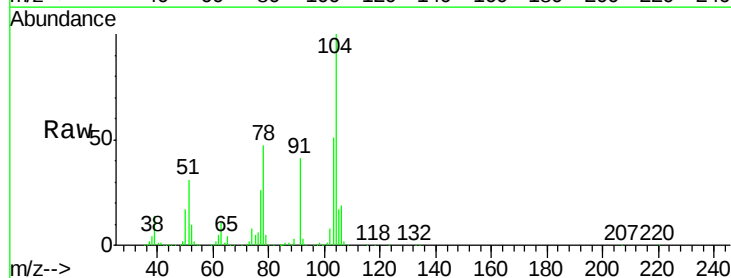
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

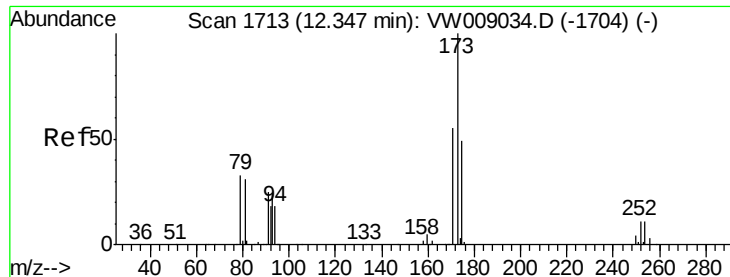
Tgt Ion:106 Resp: 312322
Ion Ratio Lower Upper
106 100
91 214.5 108.6 325.6



#70
Styrene
Concen: 52.536 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion:104 Resp: 507086
Ion Ratio Lower Upper
104 100
78 52.8 42.1 63.1
103 56.1 43.9 65.9





#71

Bromoform

Concen: 49.793 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

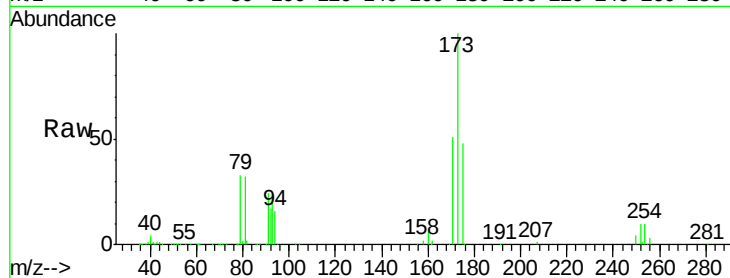
Tgt Ion:173 Resp: 80267

Ion Ratio Lower Upper

173 100

175 46.9 24.6 74.0

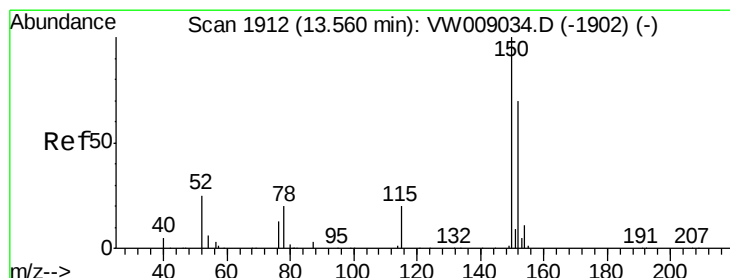
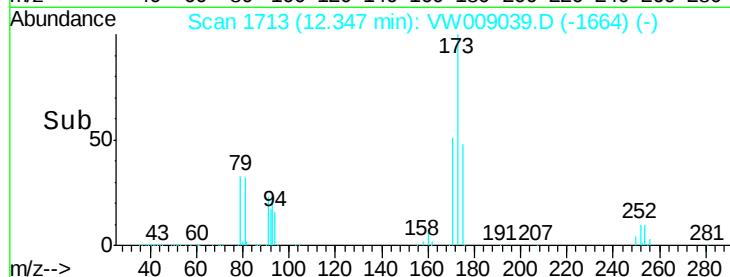
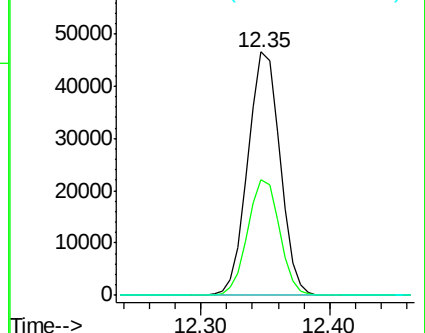
254 0.1 0.0 0.0#



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: VW009039.D

Acq: 07 Mar 2019 14:46

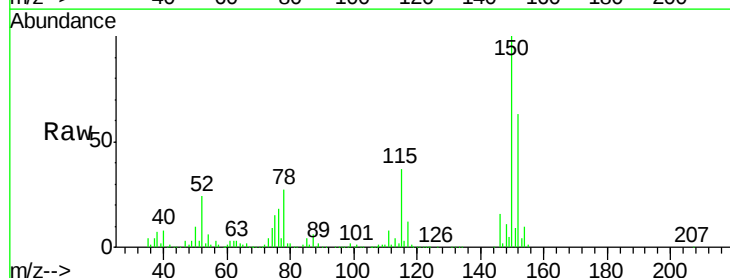
Tgt Ion:152 Resp: 229271

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

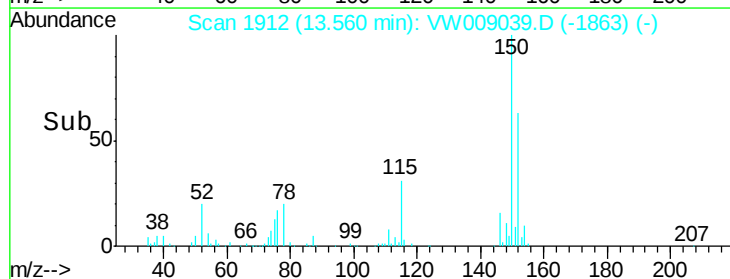
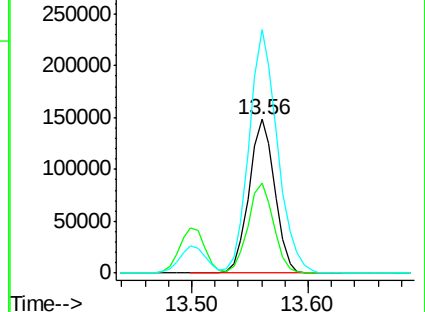
150 174.3 0.0 349.2

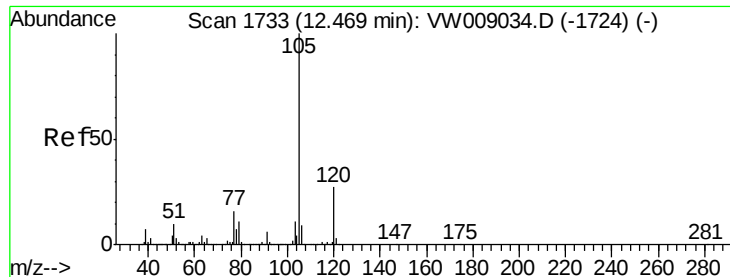


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.159 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

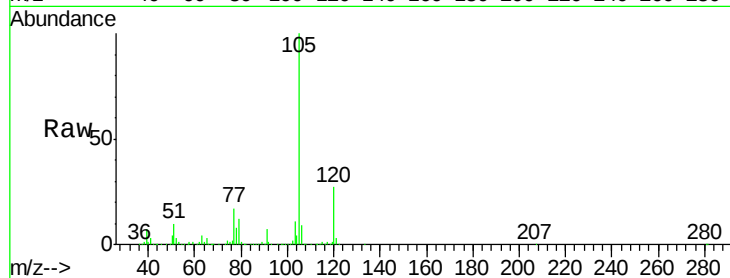
ICVW030719

Tgt Ion: 105 Resp: 872787

Ion Ratio Lower Upper

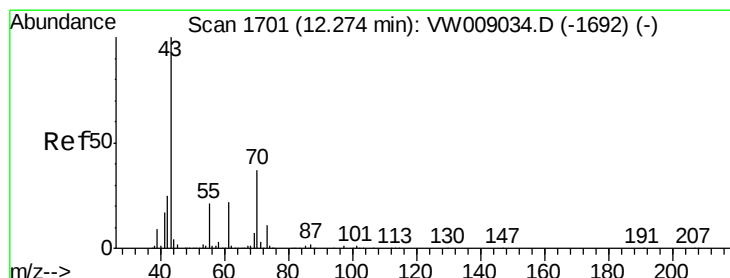
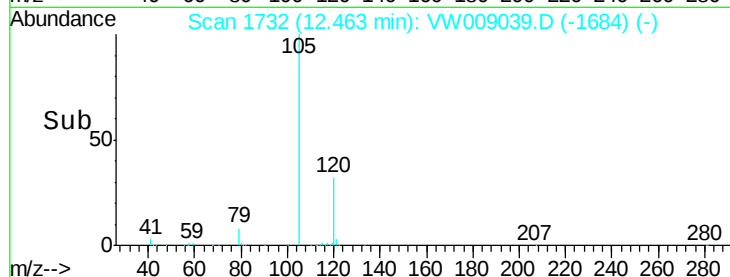
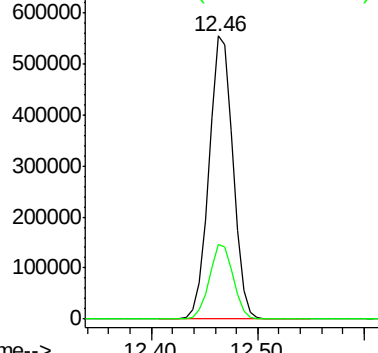
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.437 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion: 43 Resp: 203810

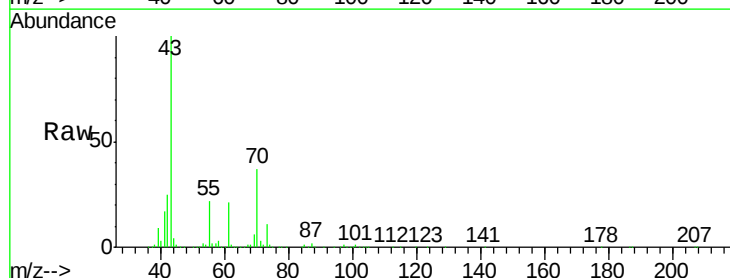
Ion Ratio Lower Upper

43 100

70 38.5 30.8 46.2

55 22.5 17.8 26.8

61 21.6 17.4 26.2

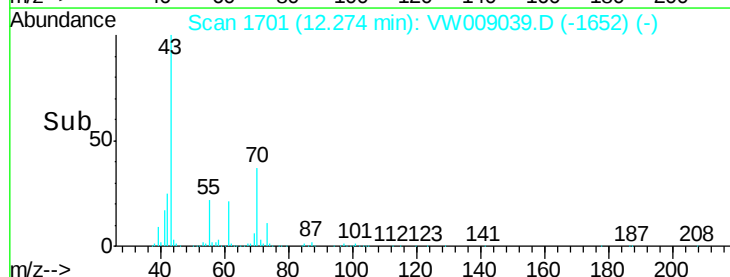
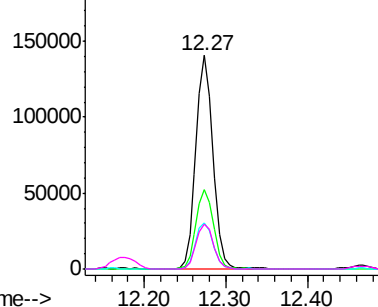


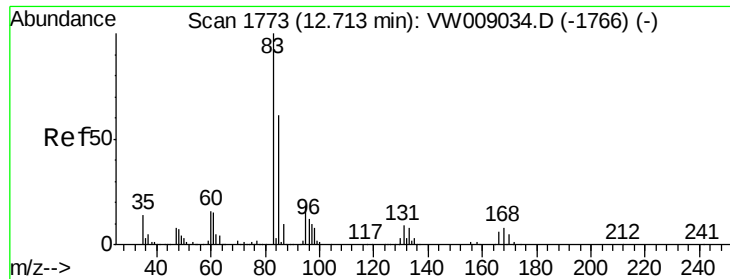
Abundance Ion 43.00 (42.70 to 43.70): VV

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.329 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

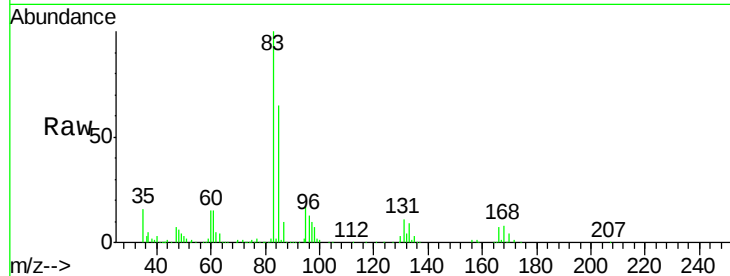
Tgt Ion: 83 Resp: 127756

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

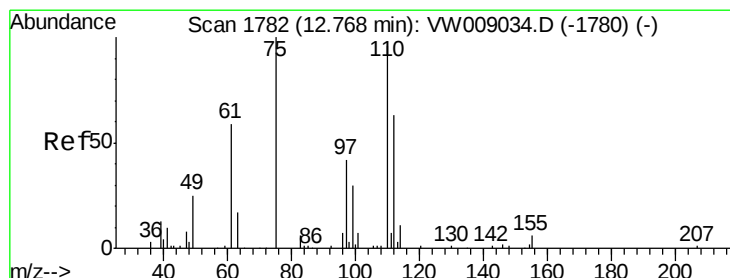
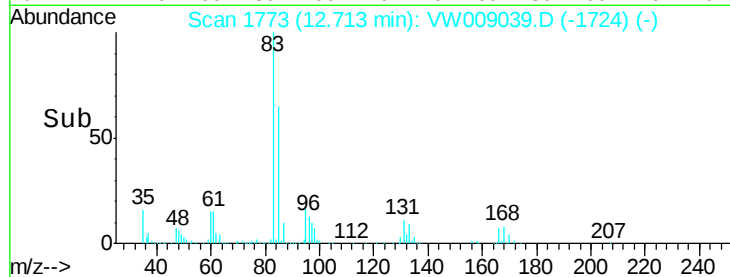
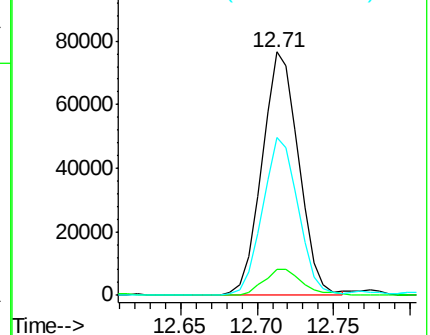
85 63.4 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 99.057 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW009039.D

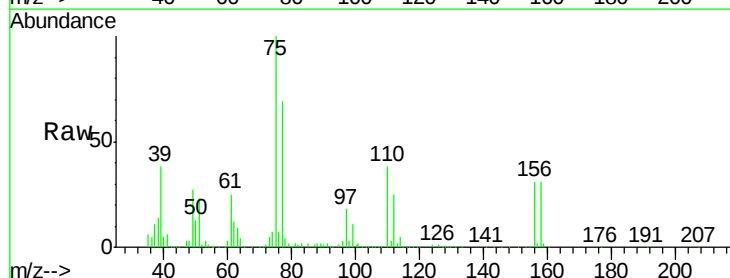
Acq: 07 Mar 2019 14:46

Tgt Ion: 75 Resp: 179434

Ion Ratio Lower Upper

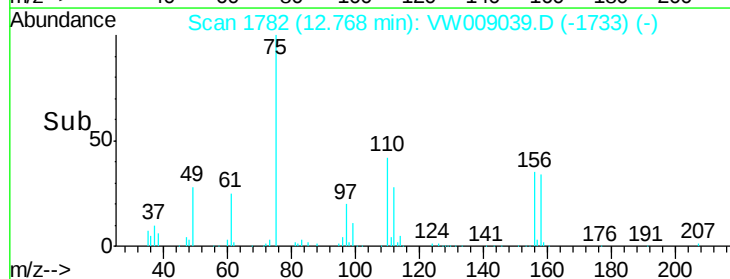
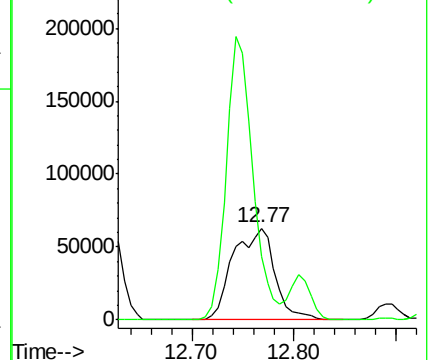
75 100

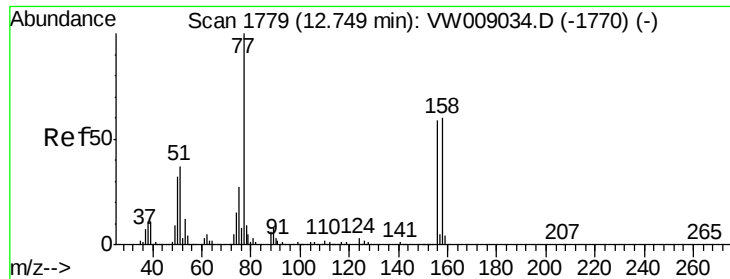
77 0.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.081 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

ICVW030719

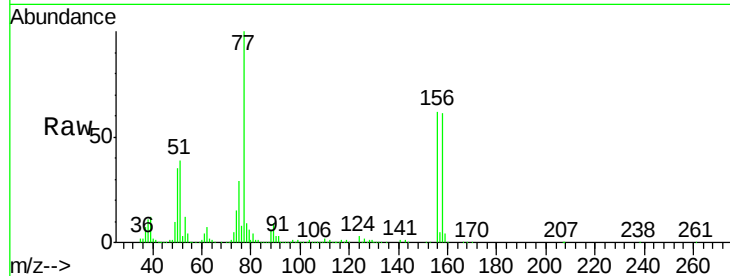
Tgt Ion:156 Resp: 191625

Ion Ratio Lower Upper

156 100

77 183.2 93.0 279.2

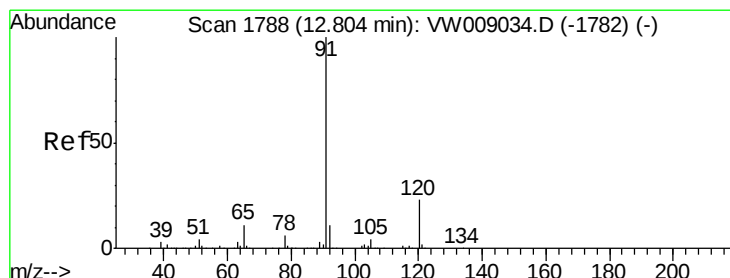
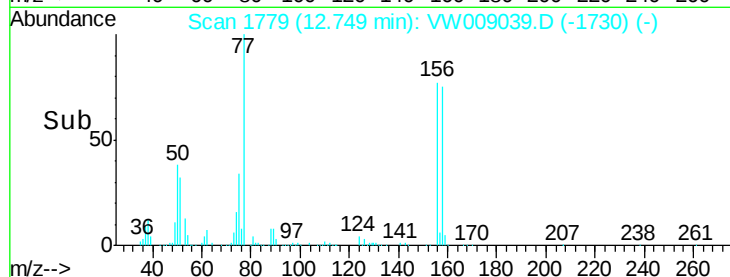
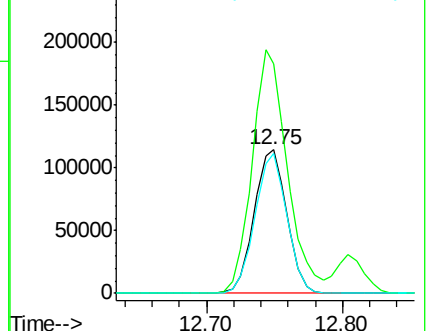
158 95.7 50.0 149.8



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: 52.898 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW009039.D

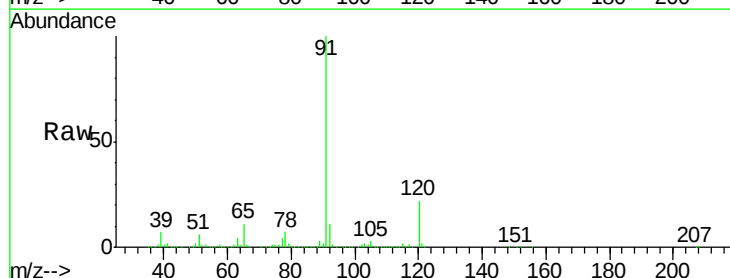
Acq: 07 Mar 2019 14:46

Tgt Ion: 91 Resp: 1069768

Ion Ratio Lower Upper

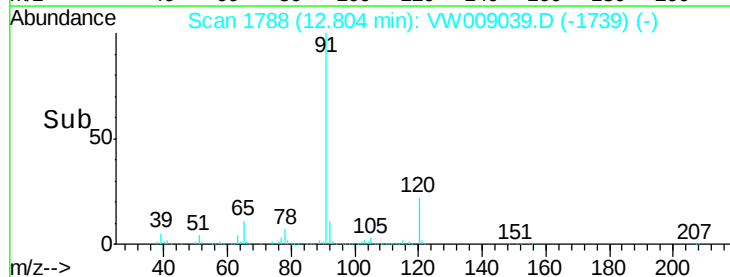
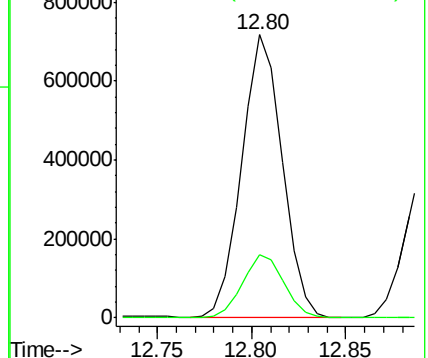
91 100

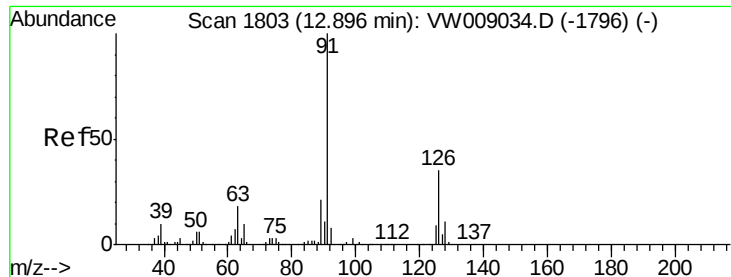
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.729 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

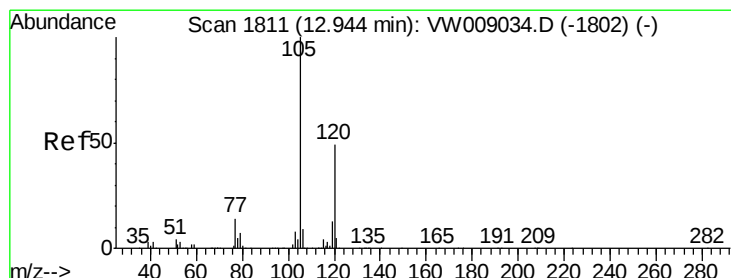
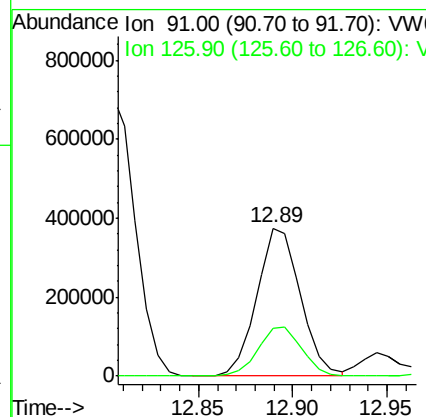
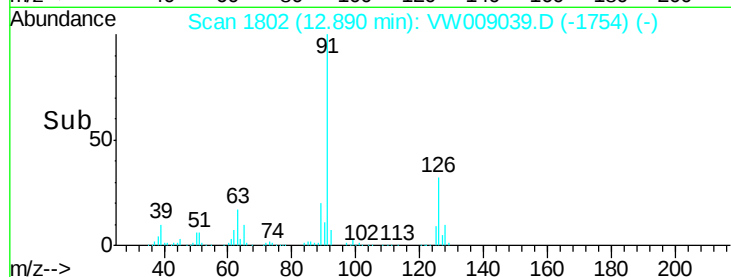
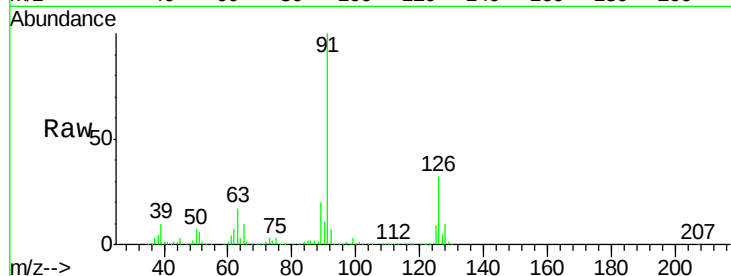
ICVW030719

Tgt Ion: 91 Resp: 599120

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 52.388 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW009039.D

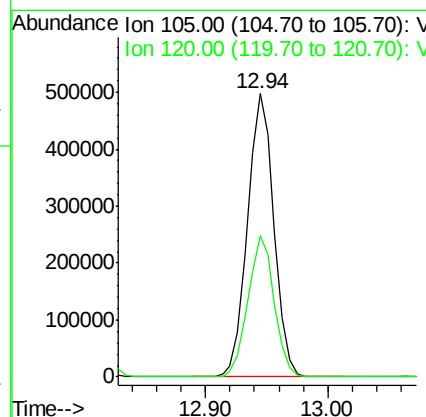
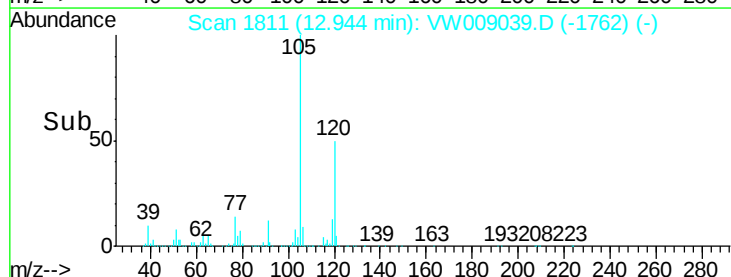
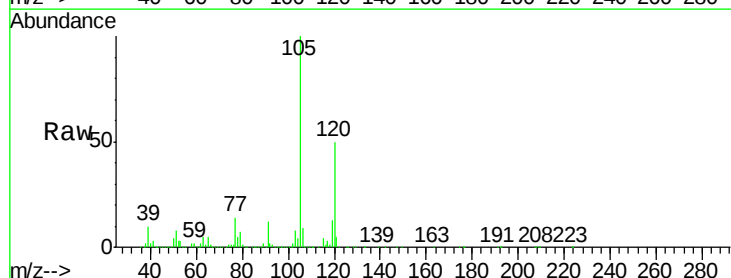
Acq: 07 Mar 2019 14:46

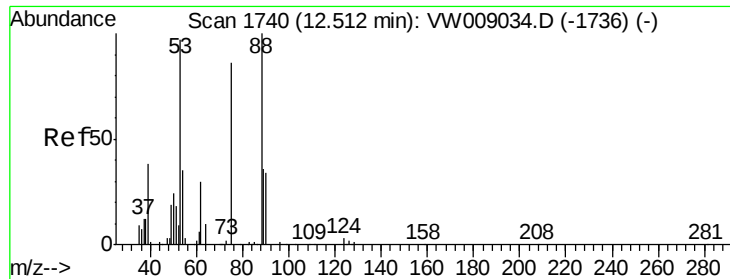
Tgt Ion: 105 Resp: 741413

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.623 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

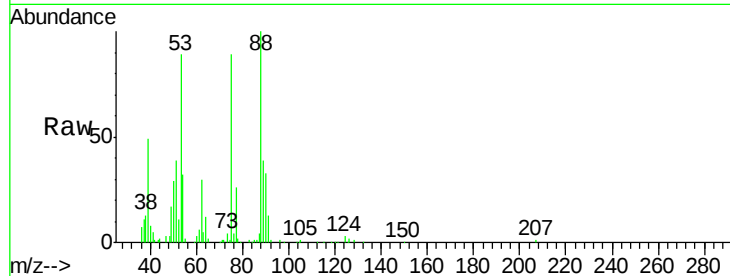
Tgt Ion: 75 Resp: 40997

Ion	Ratio	Lower	Upper
75	100		
53	108.5	90.5	135.7
89	46.2	37.5	56.3

75 100

53 108.5 90.5 135.7

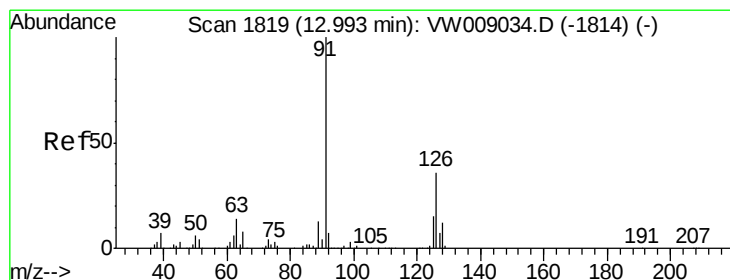
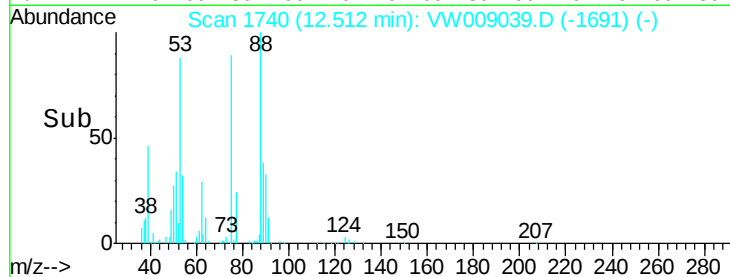
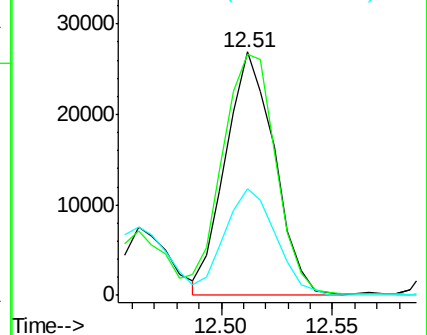
89 46.2 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 51.811 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW009039.D

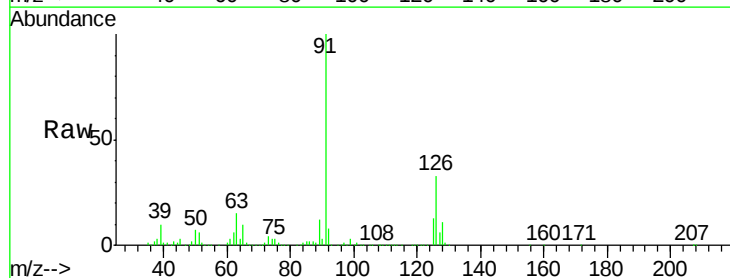
Acq: 07 Mar 2019 14:46

Tgt Ion: 91 Resp: 627530

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.6	49.8

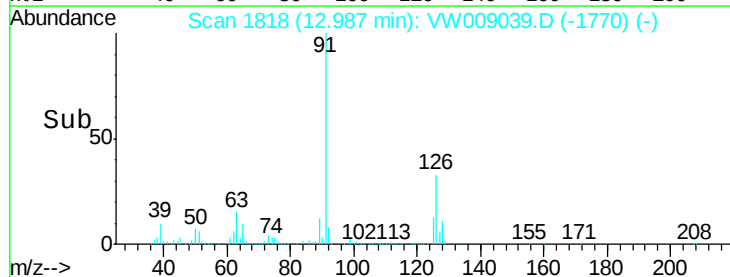
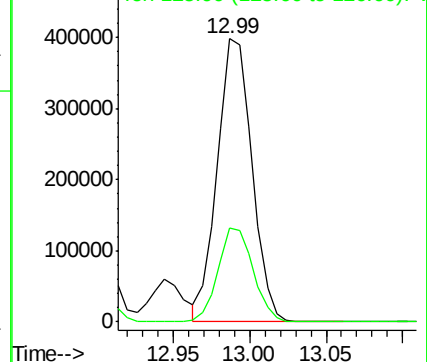
91 100

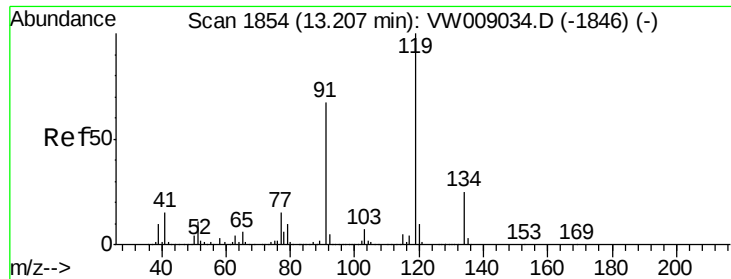
126 33.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

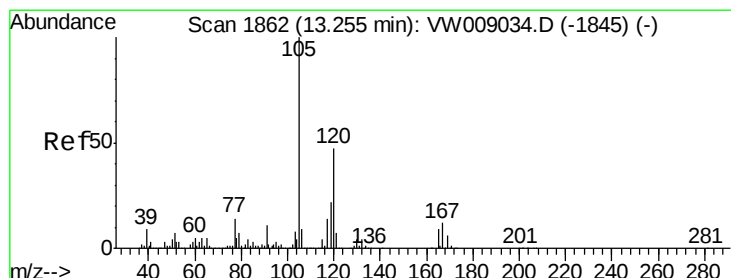
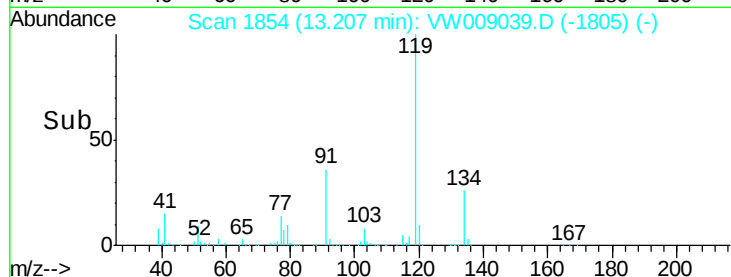
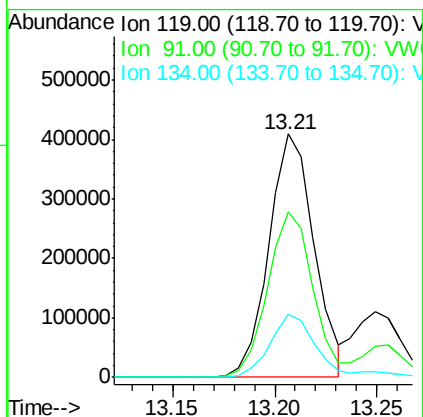
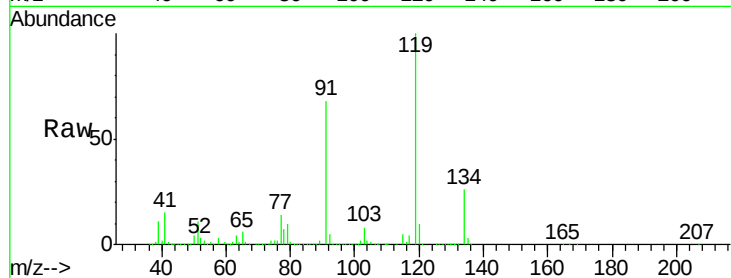




#83
tert-Butylbenzene
Concen: 53.141 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

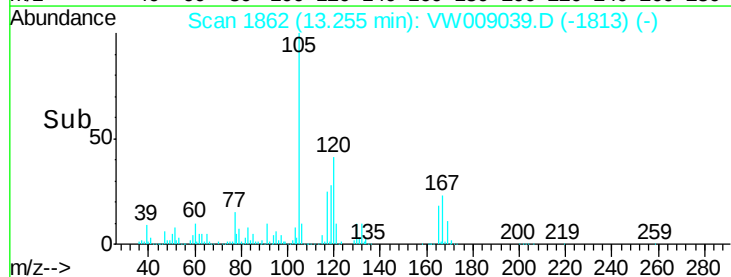
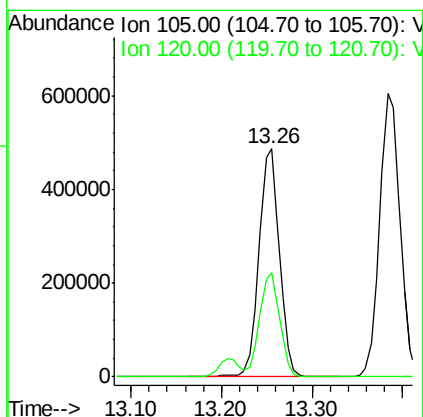
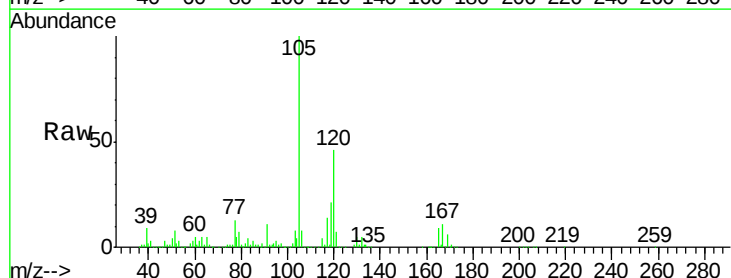
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

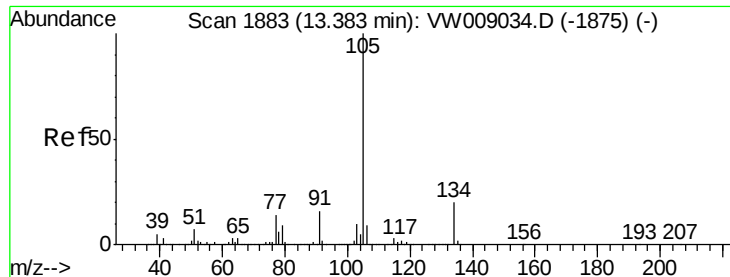
Tgt Ion:119 Resp: 634285
Ion Ratio Lower Upper
119 100
91 68.9 34.2 102.5
134 27.4 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 52.948 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion:105 Resp: 758022
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4

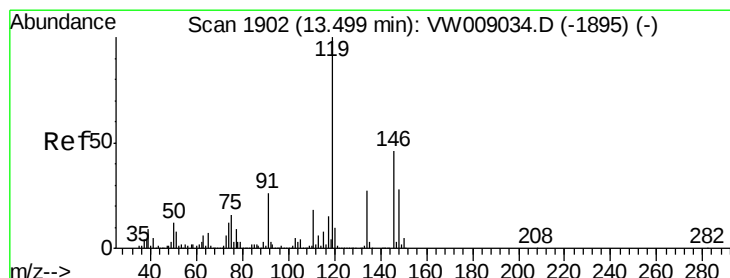
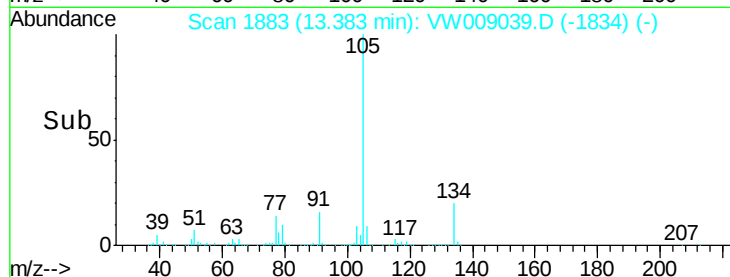
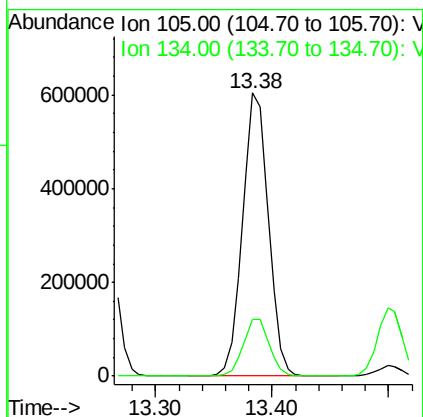
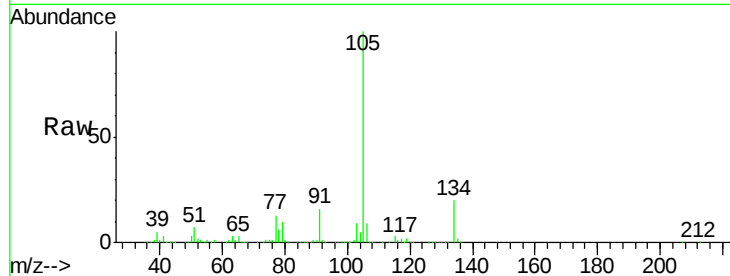




#85
 sec-Butylbenzene
 Concen: 53.012 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

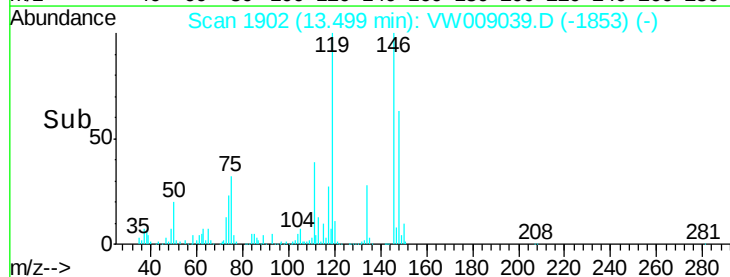
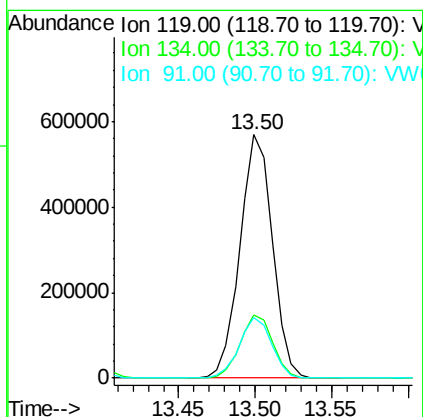
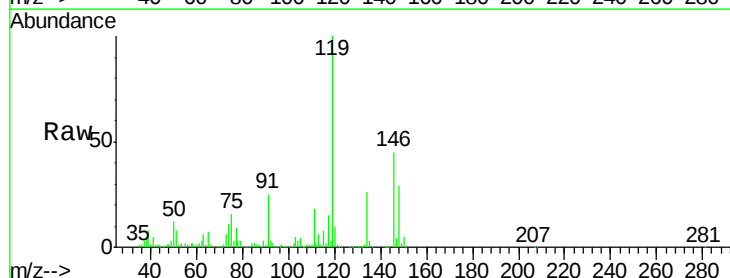
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

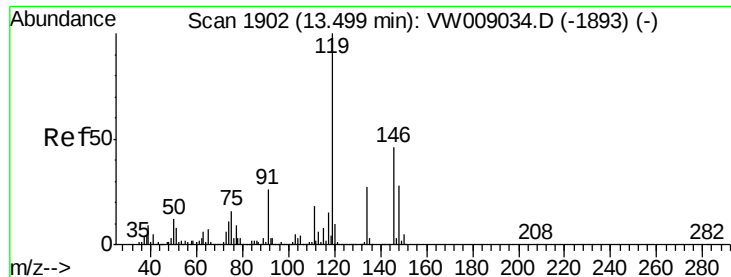
Tgt Ion:105 Resp: 937485
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 52.973 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion:119 Resp: 838039
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 24.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 51.297 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

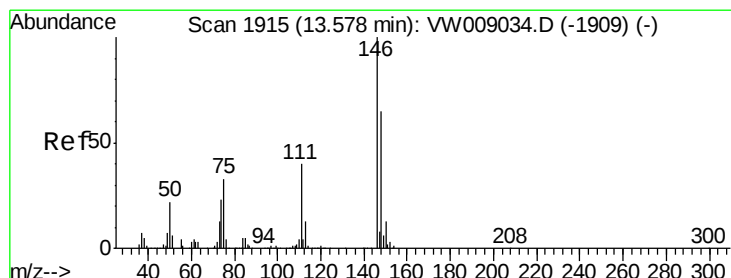
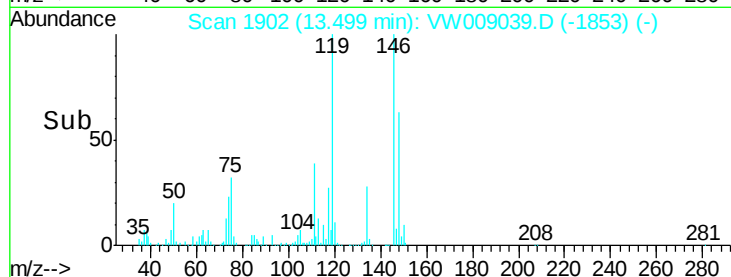
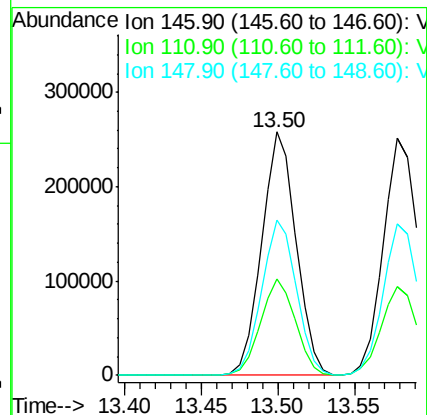
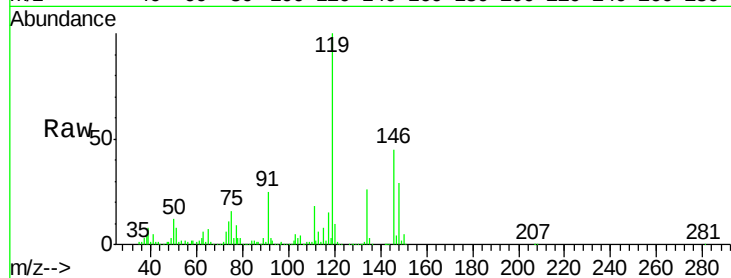
Tgt Ion:146 Resp: 404418

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

148 64.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 50.948 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

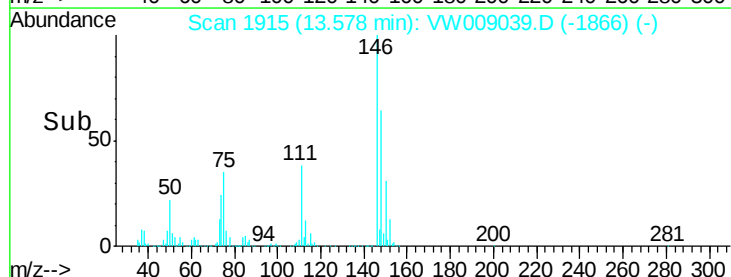
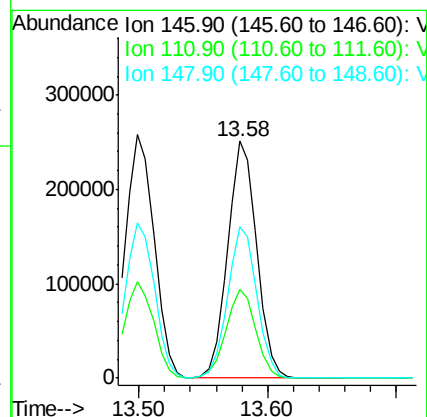
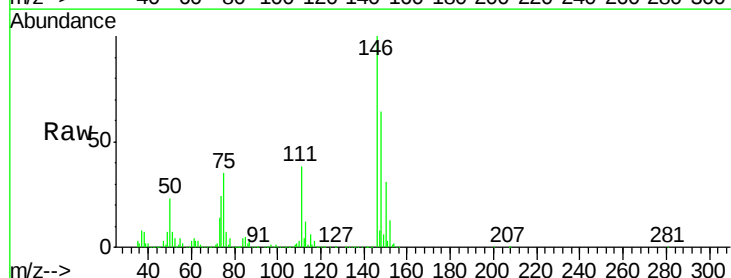
Tgt Ion:146 Resp: 396951

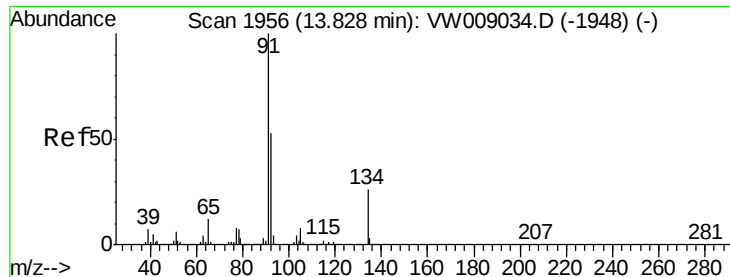
Ion Ratio Lower Upper

146 100

111 38.4 19.7 59.0

148 64.4 32.2 96.6

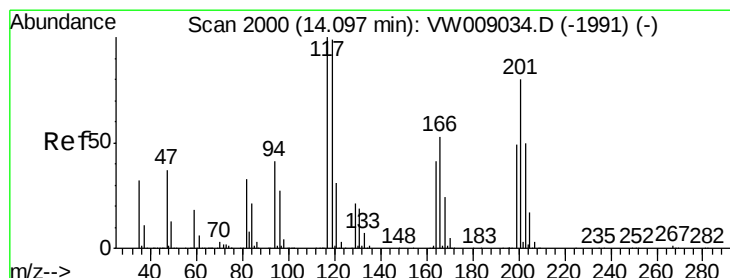
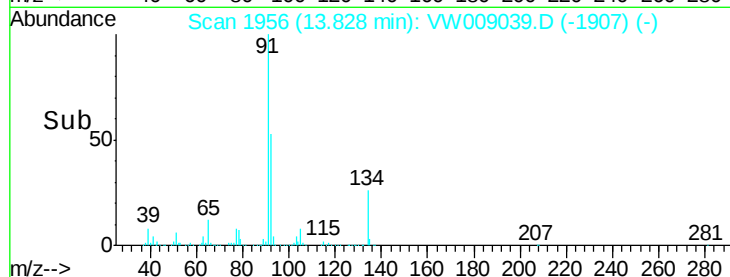
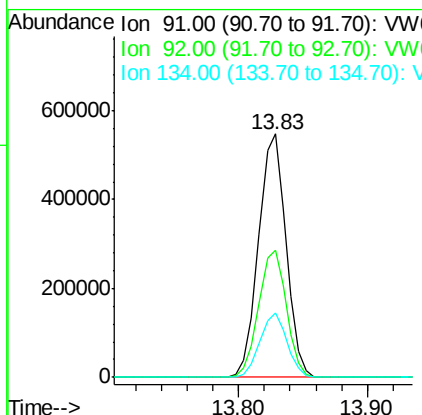
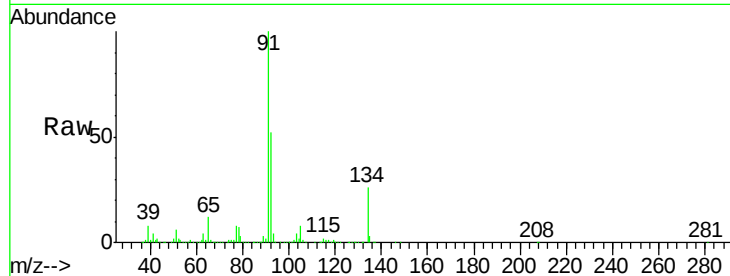




#89
n-Butylbenzene
Concen: 53.529 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

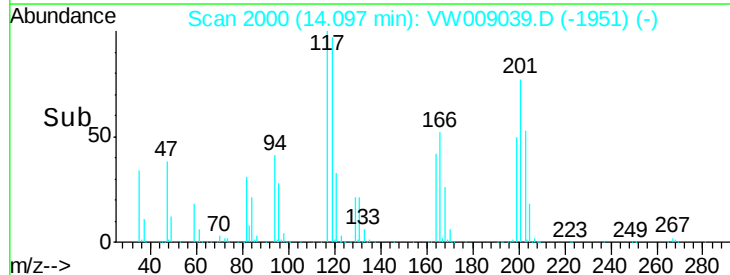
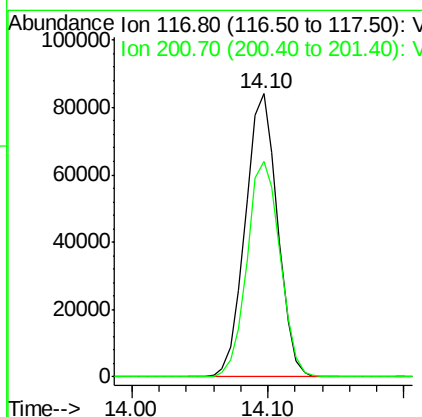
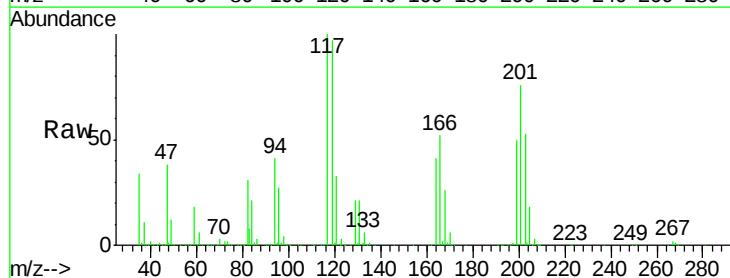
Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

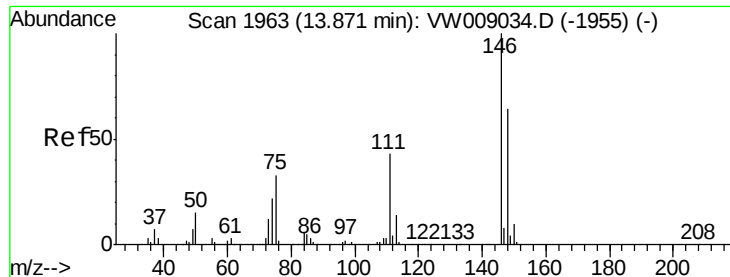
Tgt Ion: 91 Resp: 805051
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 26.1 12.9 38.7



#90
Hexachloroethane
Concen: 51.236 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 117 Resp: 139795
Ion Ratio Lower Upper
117 100
201 77.9 39.1 117.5

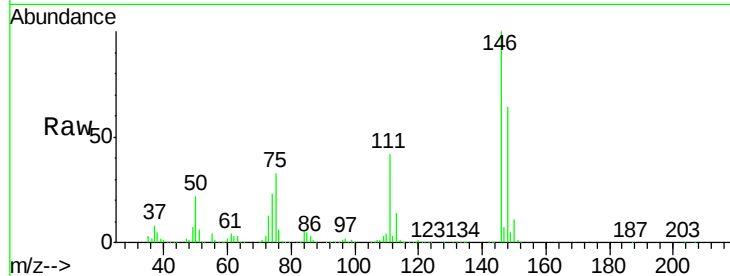




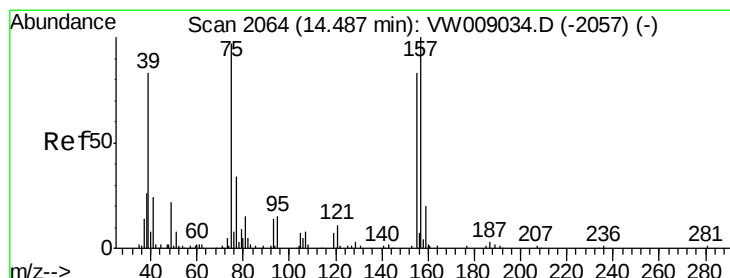
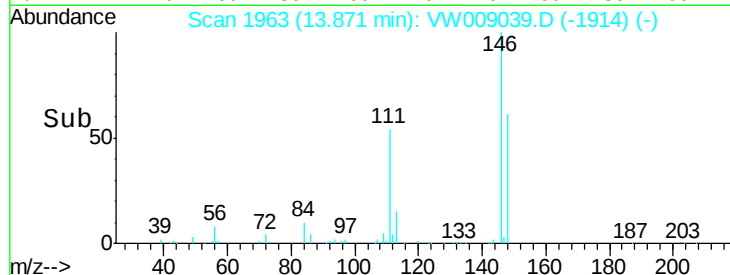
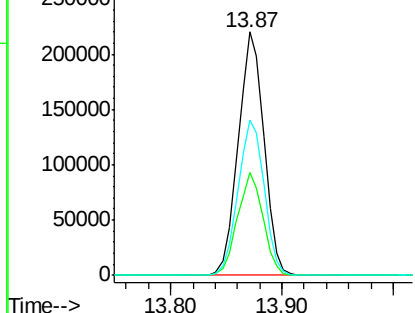
#91
 1,2-Dichlorobenzene
 Concen: 50.578 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.1
148	64.8	32.3	96.9

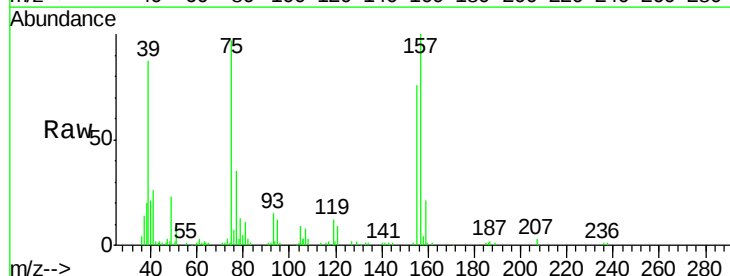


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

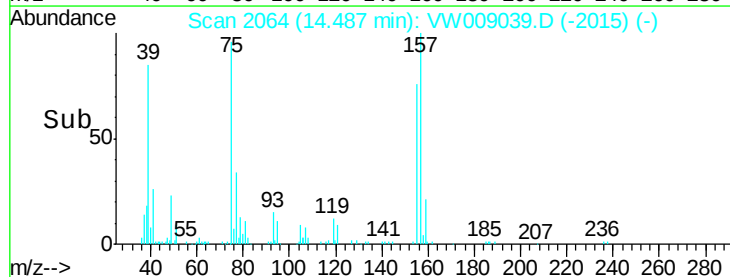
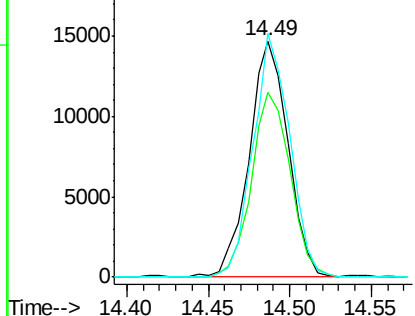


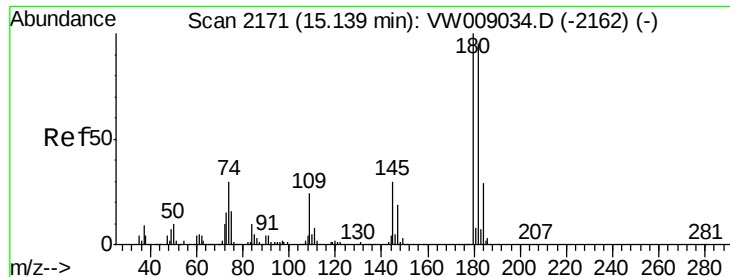
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.746 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	40.8	122.4
157	97.7	52.4	157.3



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

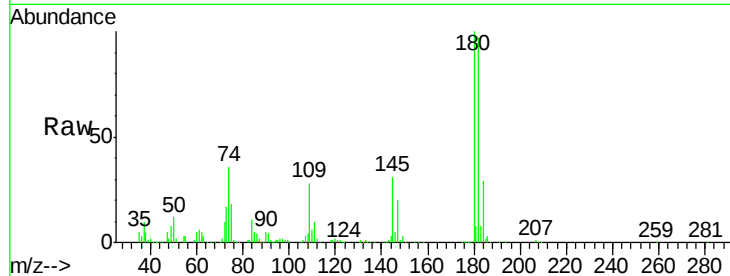




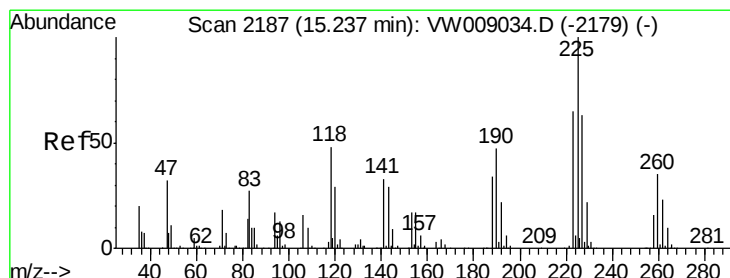
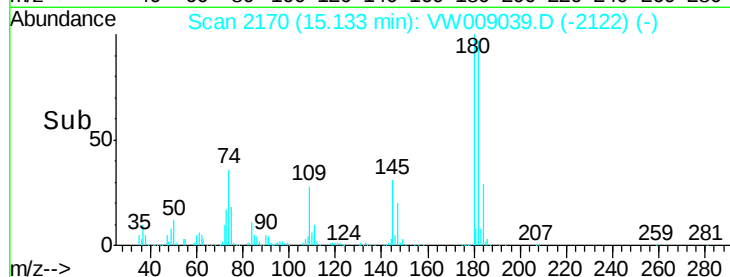
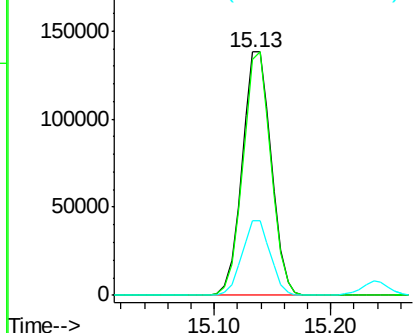
#93
 1,2,4-Trichlorobenzene
 Concen: 51.024 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

Tgt Ion:180 Resp: 239691
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.1 144.3
 145 30.0 15.4 46.1

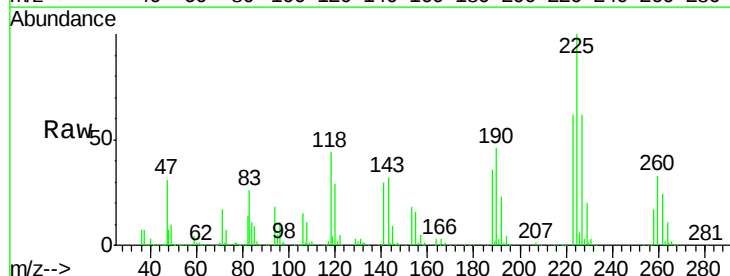


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

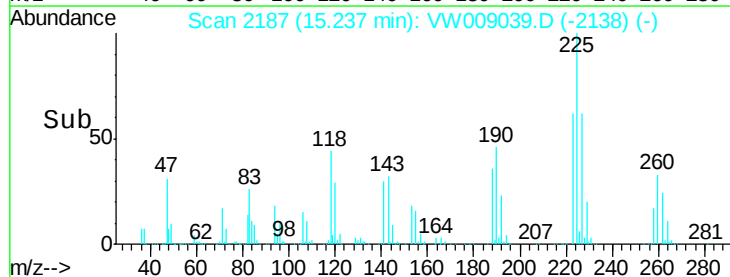
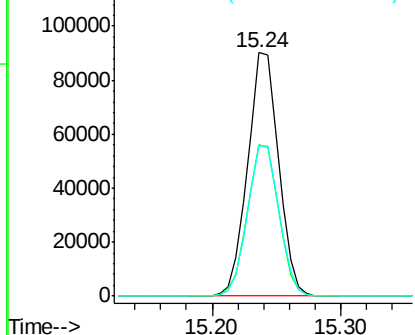


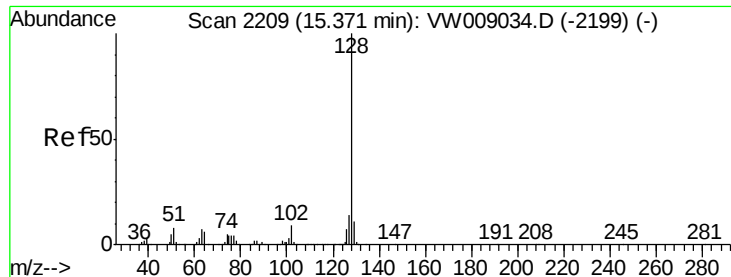
#94
 Hexachlorobutadiene
 Concen: 50.732 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion:225 Resp: 149273
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 94.8
 227 63.0 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: 51.133 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

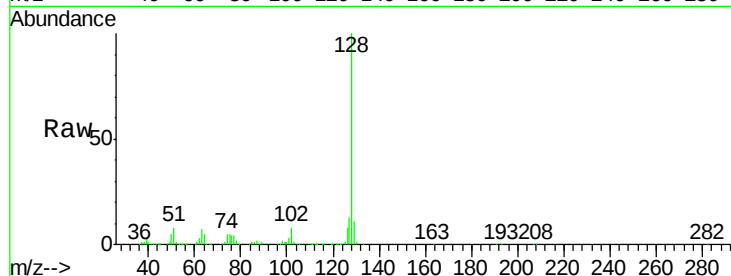
Tgt Ion:128 Resp: 393197

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.6

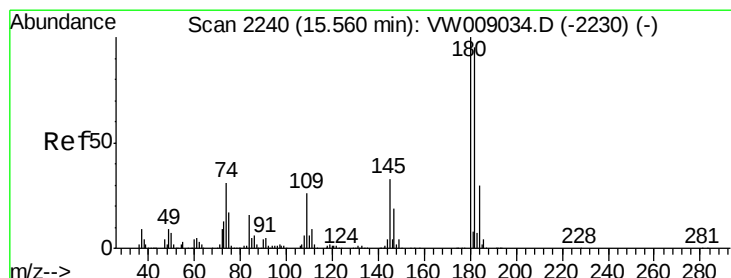
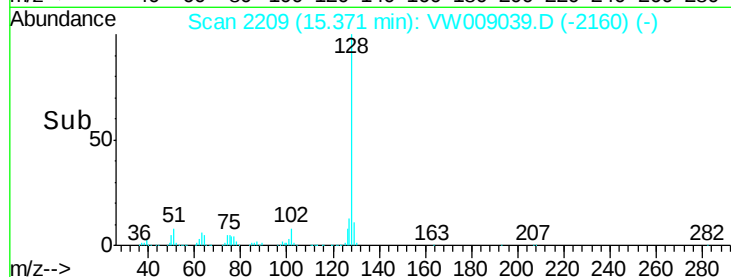
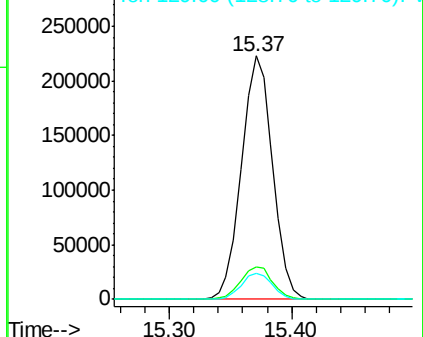
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.533 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

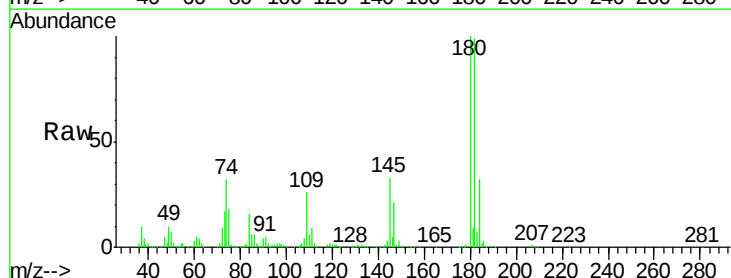
Tgt Ion:180 Resp: 204607

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.3

145 31.9 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

