

Data File : VW008769.D
Acq On : 21 Feb 2019 13:31
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

Quant Time: Feb 22 00:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	351933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	497468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	256570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	158653	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.88	113	148906	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.32	98	622908	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.62	95	233810	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	168759	47.877	ug/l	97
3) Chloromethane	2.21	50	226993	52.903	ug/l	100
4) Vinyl Chloride	2.35	62	258762	56.959	ug/l	99
5) Bromomethane	2.75	94	169275	50.166	ug/l	97
6) Chloroethane	2.91	64	166106	51.491	ug/l	99
7) Trichlorofluoromethane	3.26	101	271260	47.211	ug/l	97
8) Diethyl Ether	3.68	74	78639	43.231	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	163493	46.858	ug/l	99
10) Methyl Iodide	4.27	142	230834	52.906	ug/l	100
11) Tert butyl alcohol	5.16	59	64443	219.298	ug/l	98
12) 1,1-Dichloroethene	4.04	96	145115	47.094	ug/l	100
13) Acrolein	3.89	56	66660	217.825	ug/l	99
14) Allyl chloride	4.67	41	258060	48.524	ug/l	98
15) Acrylonitrile	5.36	53	175417	224.702	ug/l	98
16) Acetone	4.12	43	175775	229.741	ug/l	98
17) Carbon Disulfide	4.37	76	506105	49.503	ug/l	100
18) Methyl Acetate	4.67	43	73873	40.707	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	369660	44.322	ug/l	100
20) Methylene Chloride	4.91	84	187348	49.674	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	164201	46.067	ug/l	95
22) Diisopropyl ether	6.31	45	499787	47.110	ug/l	98
23) Vinyl Acetate	6.26	43	1528015	233.115	ug/l	99
24) 1,1-Dichloroethane	6.21	63	286126	46.543	ug/l	98
25) 2-Butanone	7.16	43	237781	222.295	ug/l	97
26) 2,2-Dichloropropane	7.16	77	271685	48.678	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	179036	46.957	ug/l	98
28) Bromochloromethane	7.51	49	115897	45.051	ug/l	98
29) Tetrahydrofuran	7.53	42	148376	217.667	ug/l	100
30) Chloroform	7.68	83	287373	45.566	ug/l	100
31) Cyclohexane	7.95	56	291941	46.914	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	272674	47.543	ug/l	99
36) 1,1-Dichloropropene	8.08	75	239732	49.506	ug/l	99
37) Ethyl Acetate	7.26	43	101429	45.042	ug/l	99
38) Carbon Tetrachloride	8.07	117	247997	48.561	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	306692	50.775	ug/l	99
40) Benzene	8.32	78	646530	48.899	ug/l	97
41) Methacrylonitrile	7.48	41	51504	38.910	ug/l	89
42) 1,2-Dichloroethane	8.40	62	193519	46.204	ug/l	99
43) Isopropyl Acetate	8.42	43	202229	44.996	ug/l	99
44) Trichloroethene	9.09	130	182094	48.889	ug/l	99
45) 1,2-Dichloropropane	9.37	63	155242	47.514	ug/l	100
46) Dibromomethane	9.46	93	82879	45.604	ug/l	98
47) Bromodichloromethane	9.65	83	208163	47.078	ug/l	98
48) Methyl methacrylate	9.44	41	102692	47.708	ug/l	96
49) 1,4-Dioxane	9.44	88	27750	953.493	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	527520	231.189	ug/l	99
52) Toluene	10.39	92	447242	49.842	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	216949	48.137	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	248058	48.259	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	113792	46.170	ug/l	96
56) Ethyl methacrylate	10.65	69	151776	47.399	ug/l	97
57) 1,3-Dichloropropane	10.93	76	204276	46.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	381702	237.012	ug/l	98
59) 2-Hexanone	10.97	43	387149	238.354	ug/l	100
60) Dibromochloromethane	11.13	129	138398	46.038	ug/l	99
61) 1,2-Dibromoethane	11.24	107	112409	46.077	ug/l	99
64) Tetrachloroethene	10.86	164	166735	49.385	ug/l	98
65) Chlorobenzene	11.66	112	490545	49.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	158595	47.294	ug/l	98
67) Ethyl Benzene	11.73	91	908350	51.234	ug/l	99
68) m/p-Xylenes	11.84	106	720464	101.706	ug/l	100
69) o-Xylene	12.16	106	334553	50.317	ug/l	98
70) Styrene	12.18	104	545724	51.016	ug/l	99
71) Bromoform	12.35	173	82001	45.491	ug/l #	99
73) Isopropylbenzene	12.46	105	937754	53.315	ug/l	99
74) N-amyl acetate	12.27	43	221232	49.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	130947	45.563	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	191117	90.221	ug/l #	100
77) Bromobenzene	12.75	156	207948	50.030	ug/l	99
78) n-propylbenzene	12.80	91	1140998	53.032	ug/l	100
79) 2-Chlorotoluene	12.90	91	628585	51.458	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	807884	52.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42406	48.667	ug/l	99
82) 4-Chlorotoluene	12.99	91	666971	51.813	ug/l	99
83) tert-Butylbenzene	13.21	119	686675	51.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	815910	51.566	ug/l	100
85) sec-Butylbenzene	13.38	105	1004079	52.835	ug/l	100
86) p-Isopropyltoluene	13.50	119	913102	52.412	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	434744	50.413	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	423756	49.858	ug/l	99
89) n-Butylbenzene	13.83	91	880065	53.921	ug/l	99
90) Hexachloroethane	14.10	117	146587	51.398	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	376935	49.055	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24309	46.759	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Quantitation Report (Not Reviewed)

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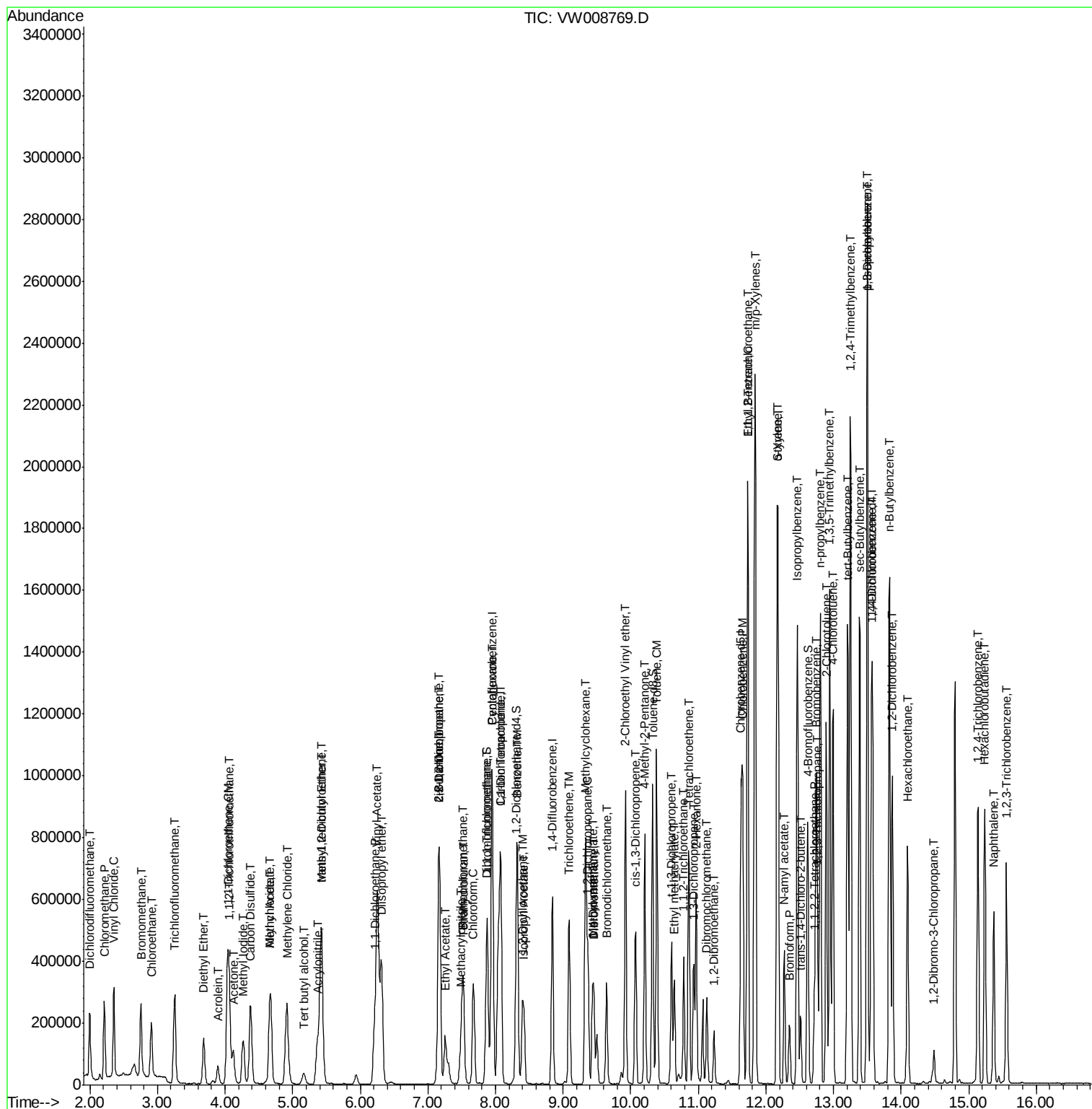
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	276406	49.926	ug/l	98
94) Hexachlorobutadiene	15.24	225	166044	50.917	ug/l	99
95) Naphthalene	15.37	128	458413	48.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	234164	48.918	ug/l	99

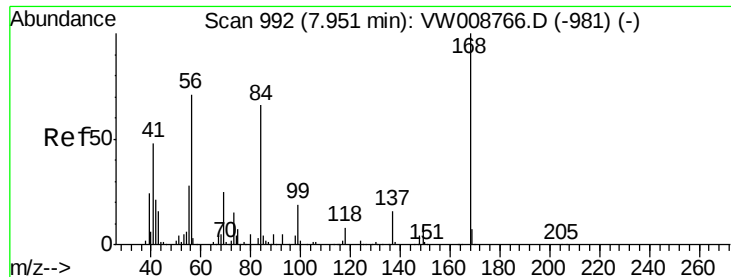
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

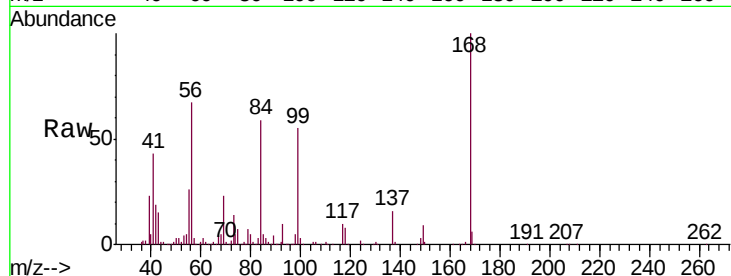
ICVW022119

Tgt Ion:168 Resp: 351933

Ion Ratio Lower Upper

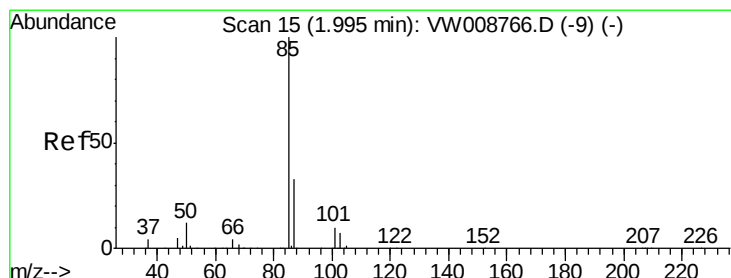
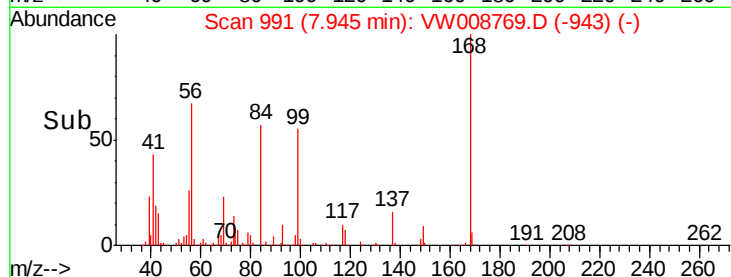
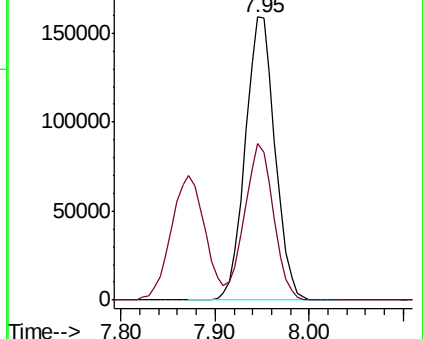
168 100

99 55.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.877 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW008769.D

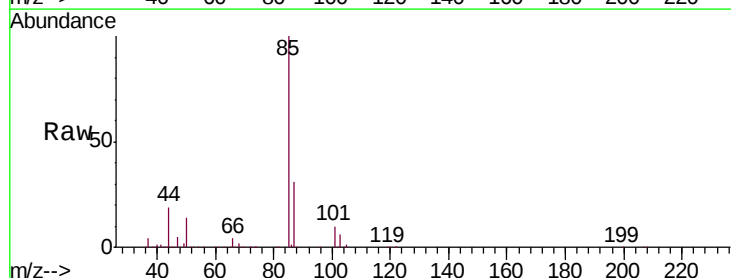
Acq: 21 Feb 2019 13:31

Tgt Ion: 85 Resp: 168759

Ion Ratio Lower Upper

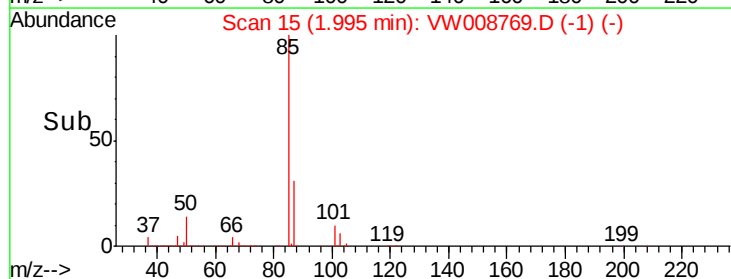
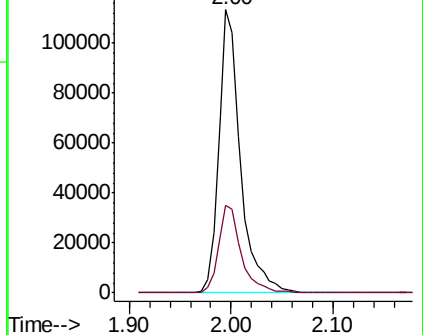
85 100

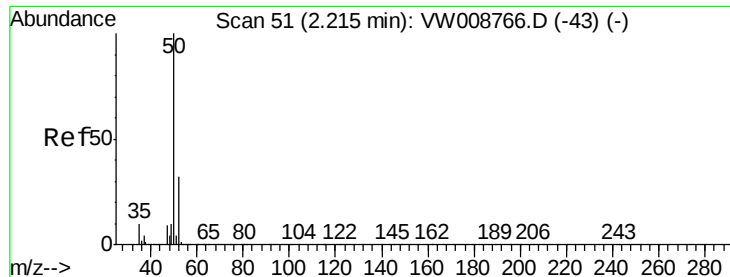
87 30.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.903 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

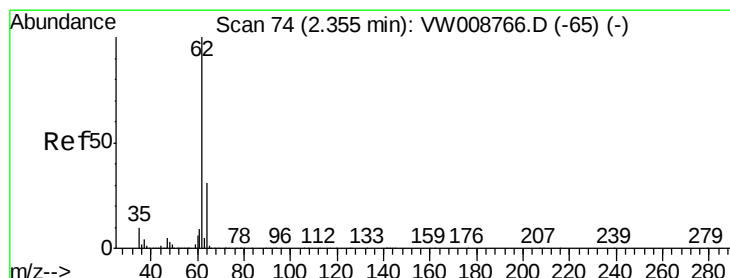
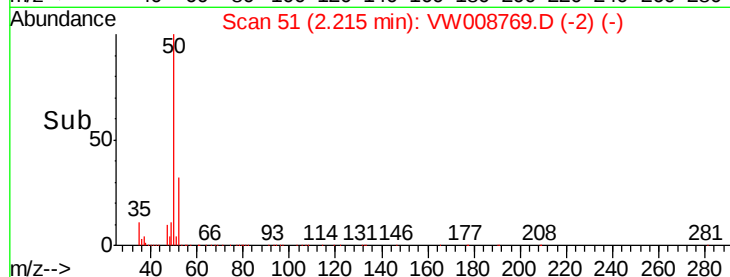
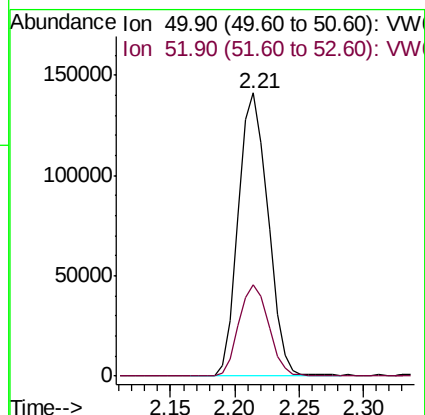
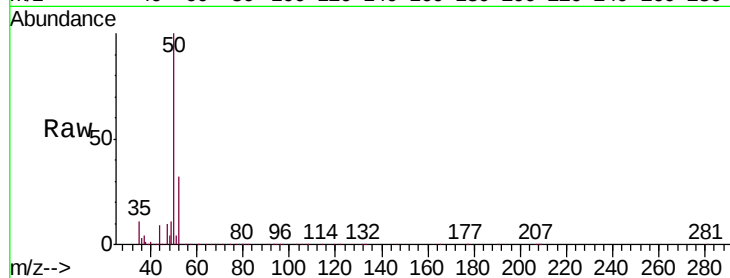
ICVW022119

Tgt Ion: 50 Resp: 226993

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



#4

Vinyl Chloride

Concen: 56.959 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW008769.D

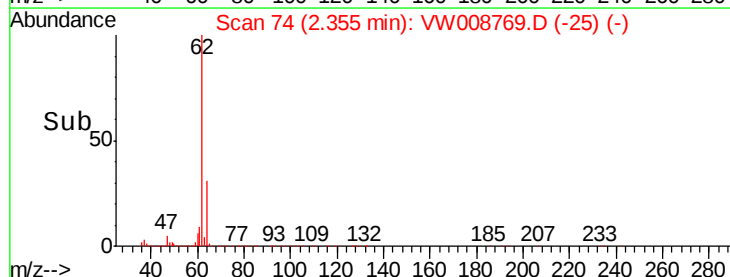
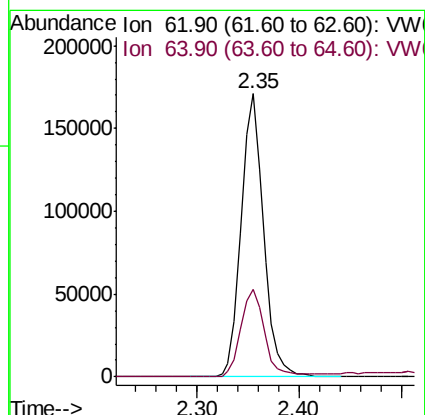
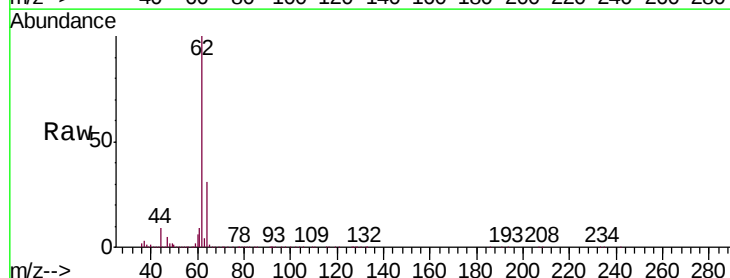
Acq: 21 Feb 2019 13:31

Tgt Ion: 62 Resp: 258762

Ion Ratio Lower Upper

62 100

64 30.7 24.9 37.3





#5

Bromomethane

Concen: 50.166 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

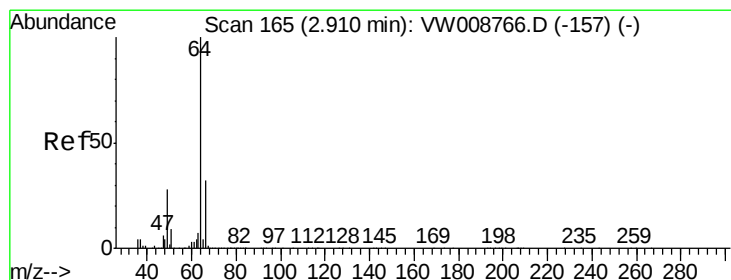
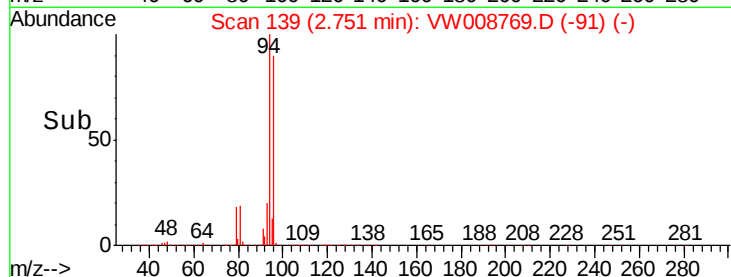
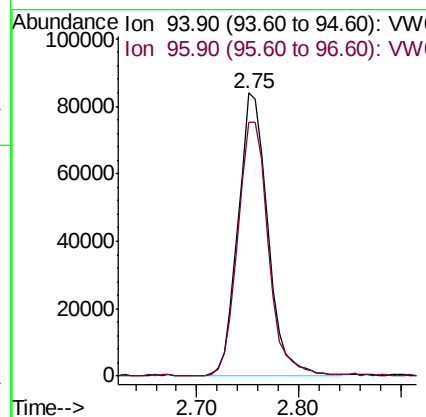
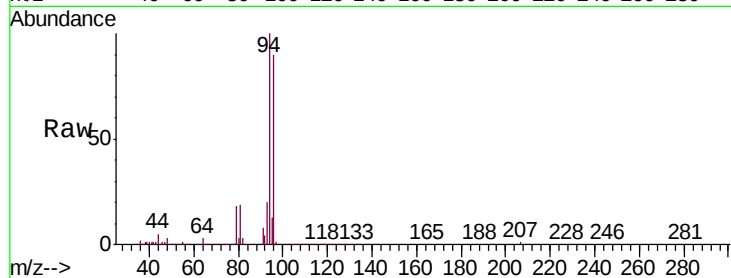
ICVW022119

Tgt Ion: 94 Resp: 169275

Ion Ratio Lower Upper

94 100

96 89.4 73.4 110.2



#6

Chloroethane

Concen: 51.491 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW008769.D

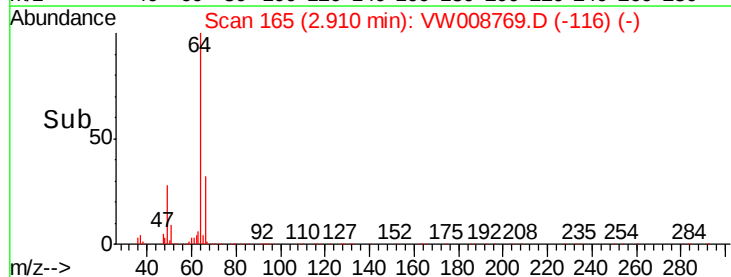
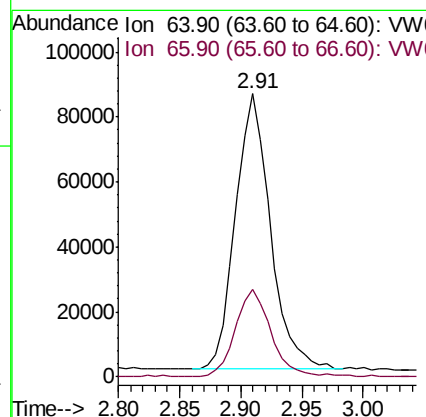
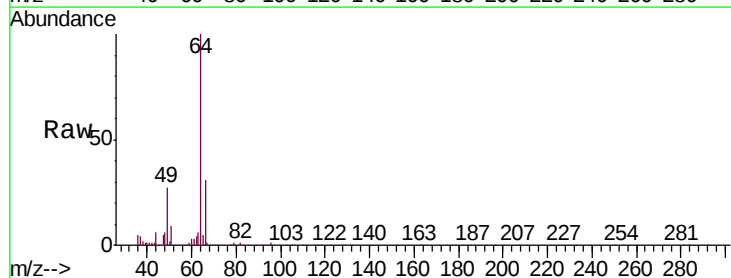
Acq: 21 Feb 2019 13:31

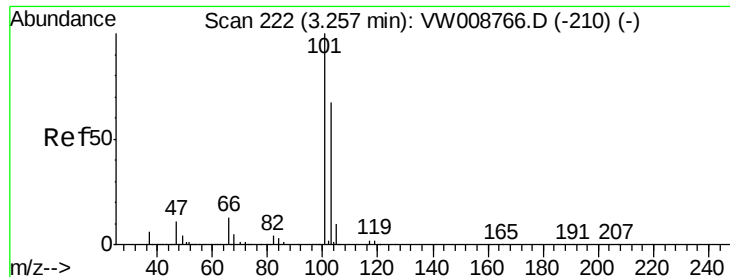
Tgt Ion: 64 Resp: 166106

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



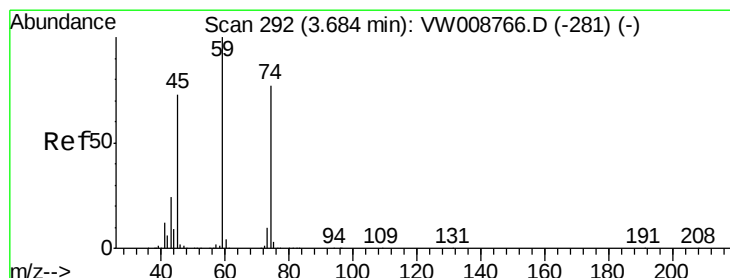
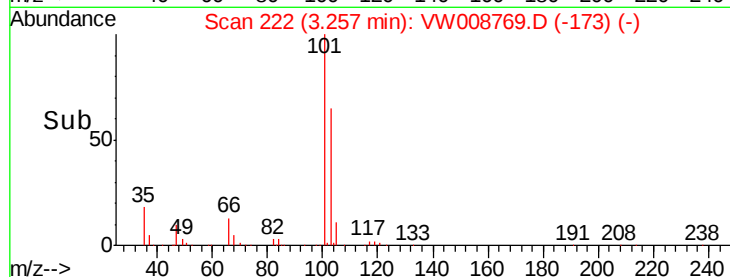
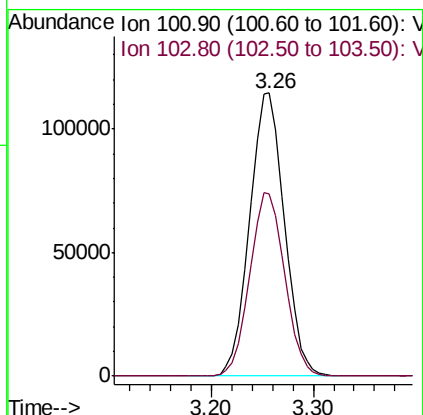
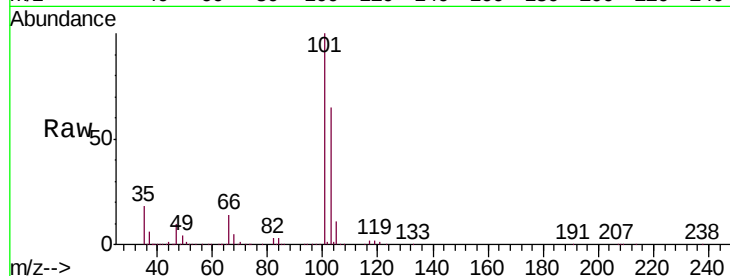


#7

Trichlorofluoromethane
 Concen: 47.211 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
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 ICVVW022119

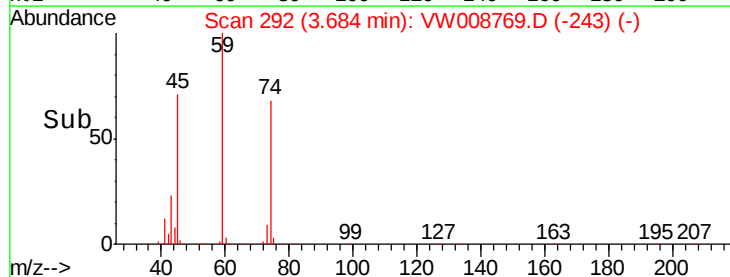
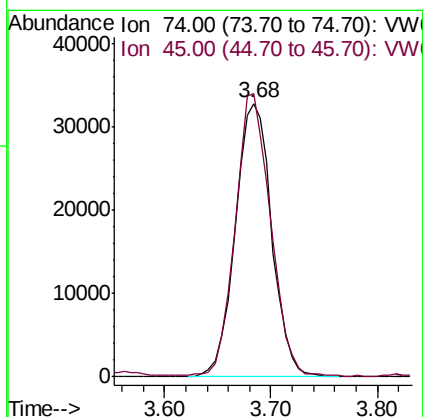
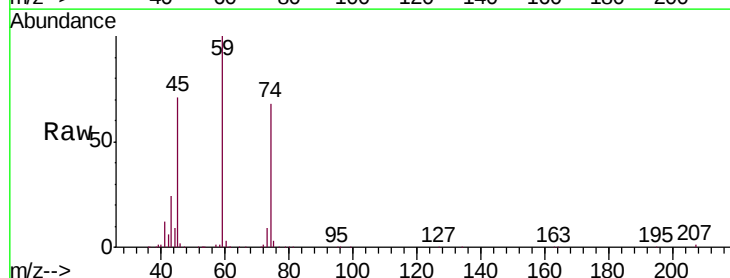
Tgt Ion:101 Resp: 271260
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.9 80.9

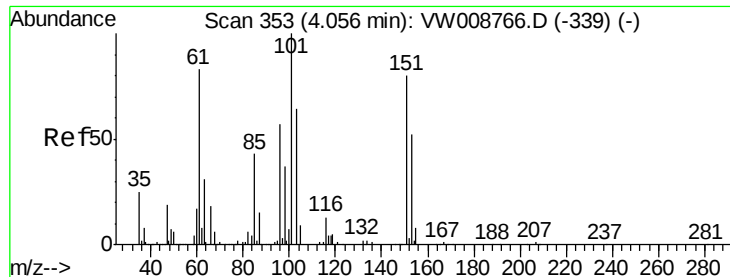


#8

Diethyl Ether
 Concen: 43.231 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion: 74 Resp: 78639
 Ion Ratio Lower Upper
 74 100
 45 101.6 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.858 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW008769.D

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Instrument :

MSVOA_W

ClientSampleId :

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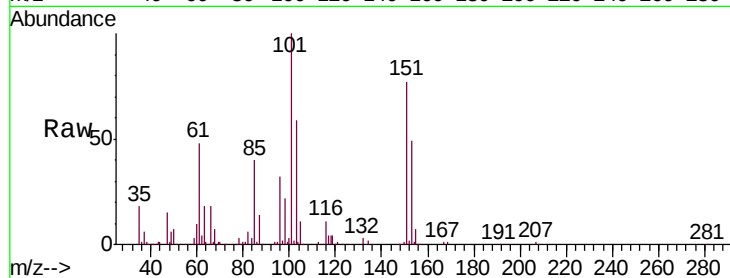
Tgt Ion:101 Resp: 163493

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

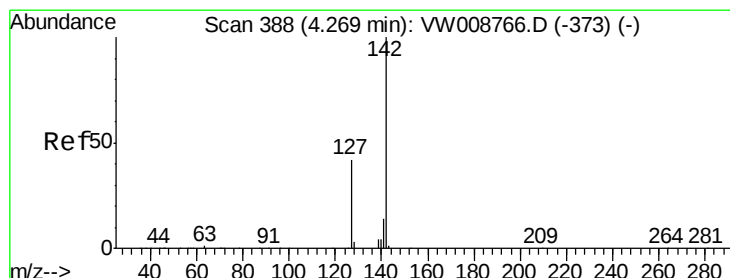
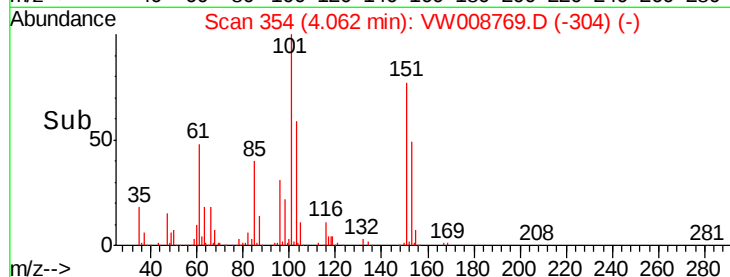
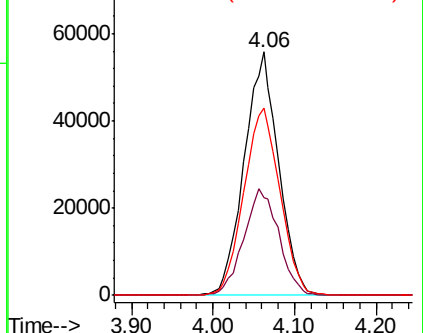
151 80.8 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.906 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

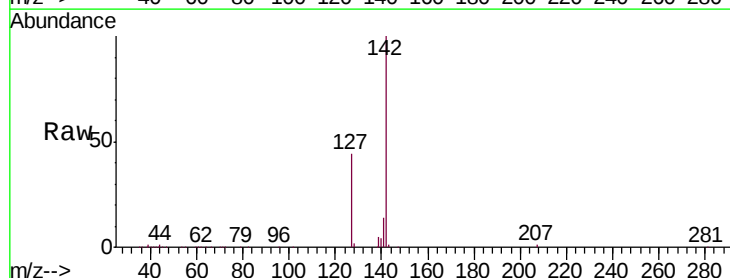
Tgt Ion:142 Resp: 230834

Ion Ratio Lower Upper

142 100

127 44.2 35.3 52.9

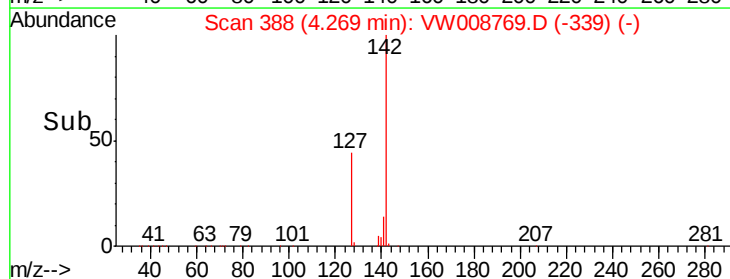
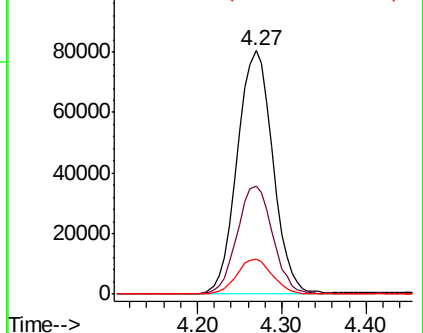
141 14.3 11.7 17.5

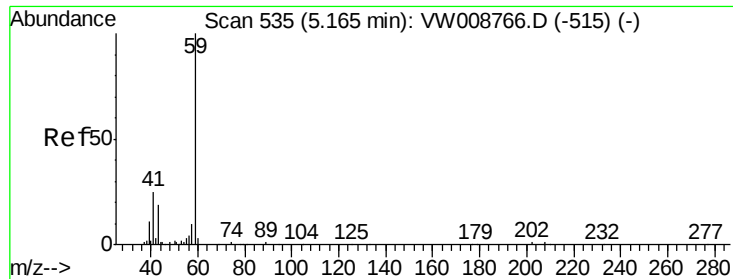


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

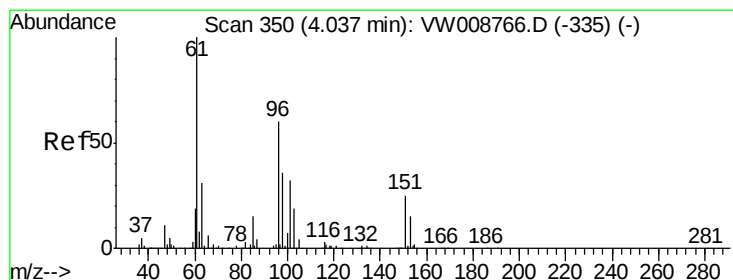
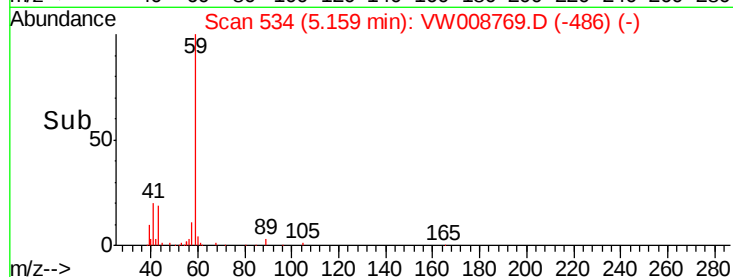
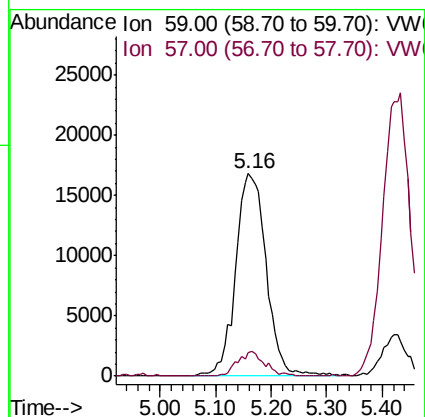
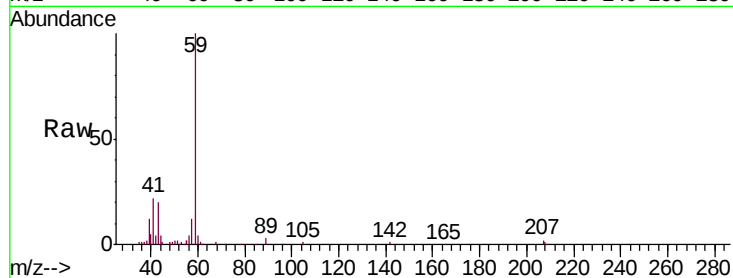




#11
Tert butyl alcohol
Concen: 219.298 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

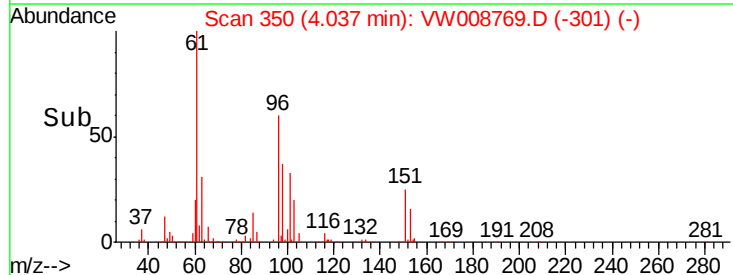
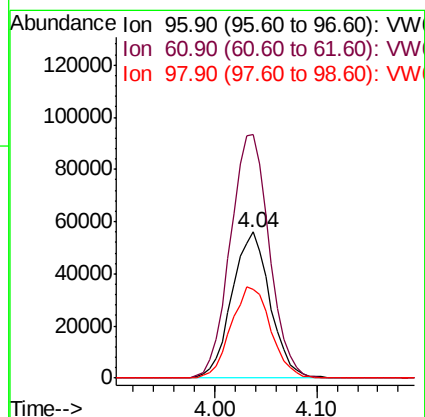
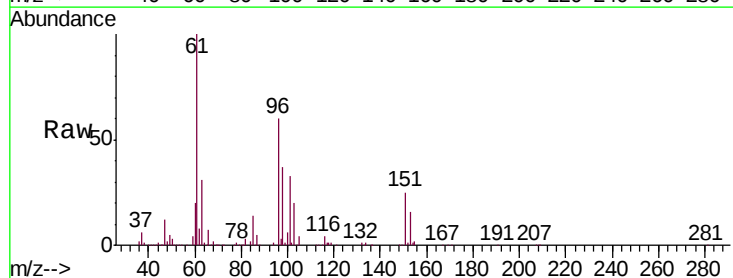
Instrument :
MSVOA_W
ClientSampled :
ICVW022119

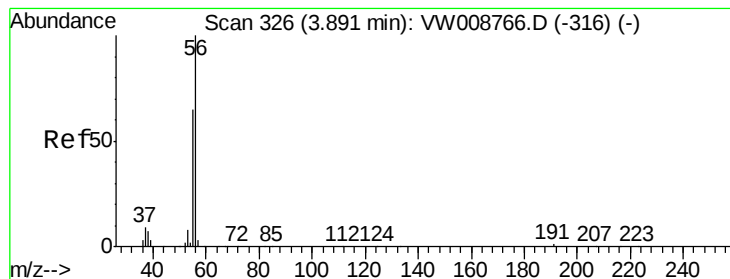
Tgt Ion: 59 Resp: 64443
Ion Ratio Lower Upper
59 100
57 10.9 9.3 13.9



#12
1,1-Dichloroethene
Concen: 47.094 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 96 Resp: 145115
Ion Ratio Lower Upper
96 100
61 166.1 132.5 198.7
98 60.6 48.2 72.4





#13

Acrolein

Concen: 217.825 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

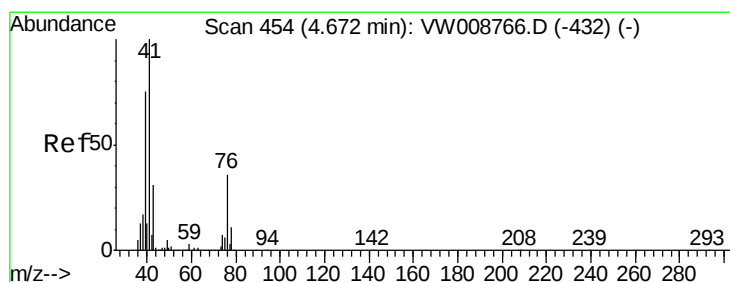
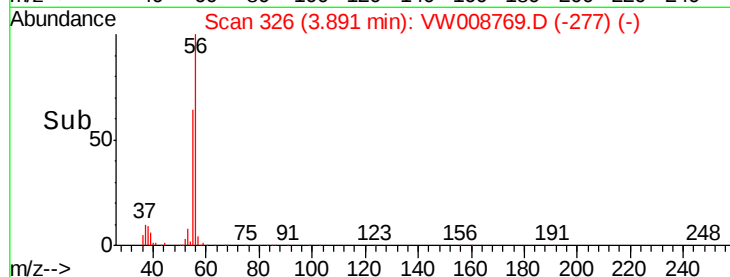
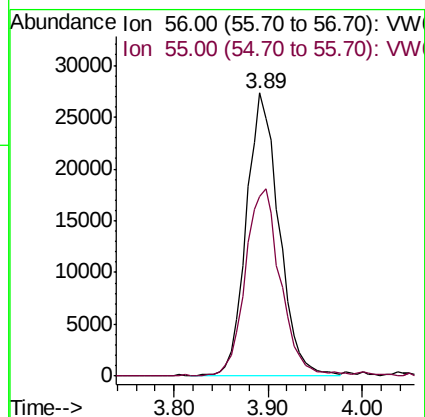
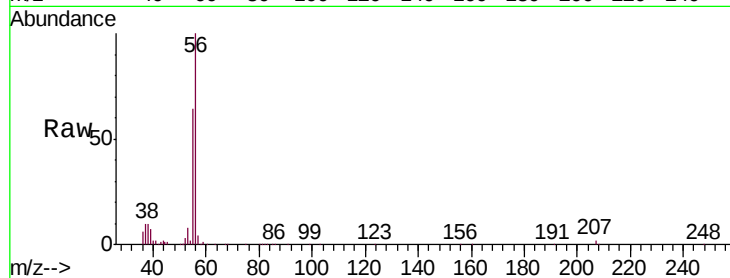
ICVW022119

Tgt Ion: 56 Resp: 66660

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 48.524 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

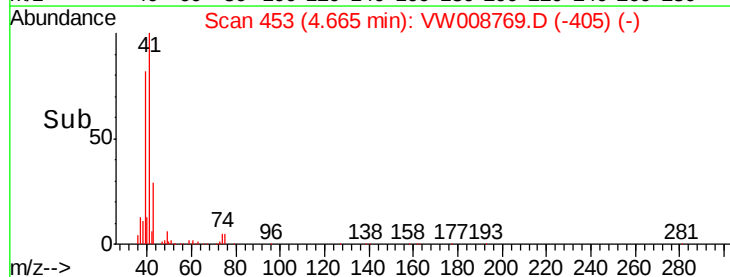
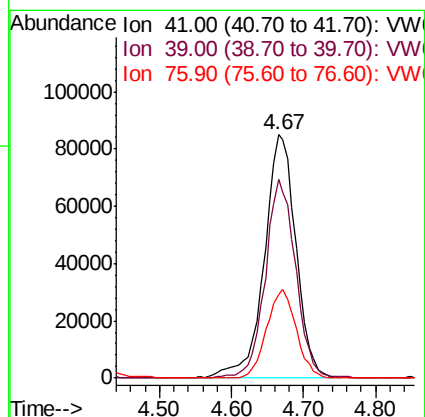
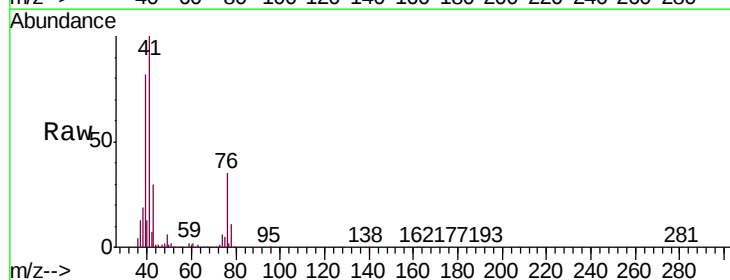
Tgt Ion: 41 Resp: 258060

Ion Ratio Lower Upper

41 100

39 77.9 60.6 91.0

76 34.4 28.6 42.8

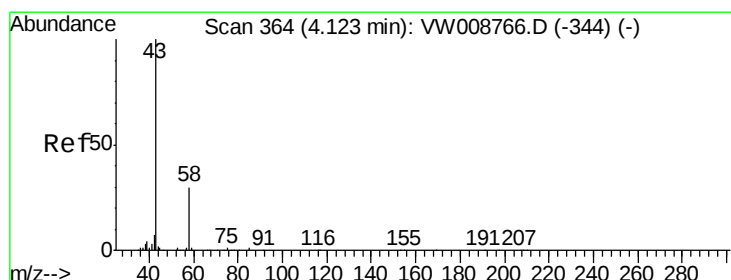
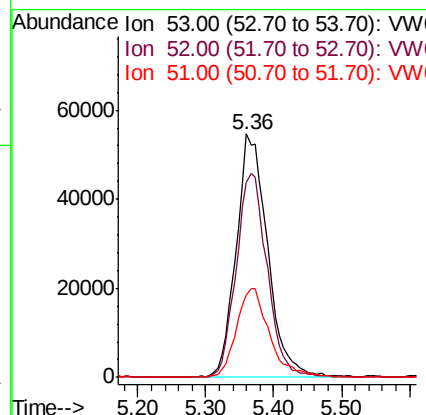
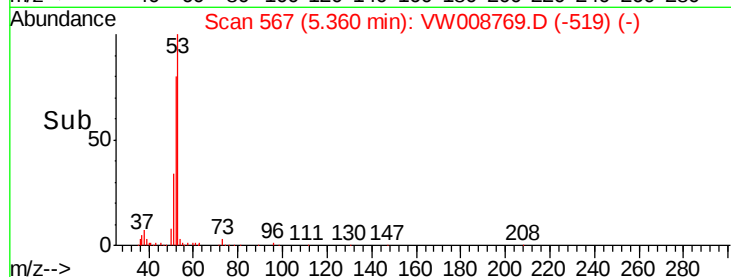
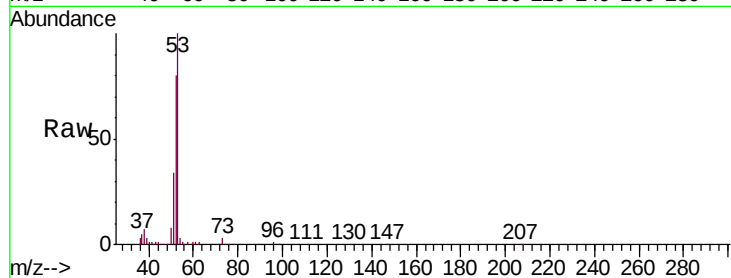




#15
Acrylonitrile
Concen: 224.702 ug/l
RT: 5.36 min Scan# 567
Delta R.T. -0.01 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

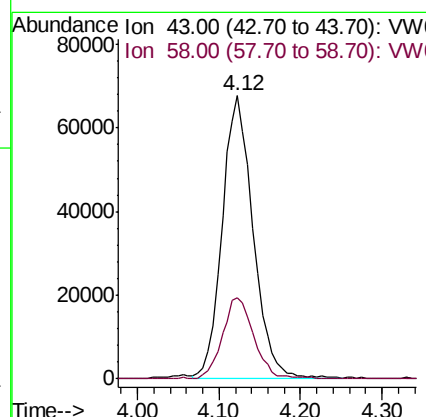
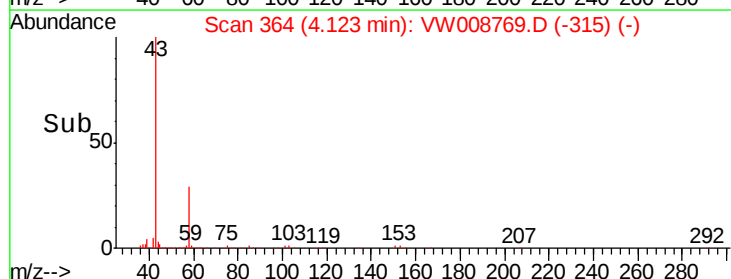
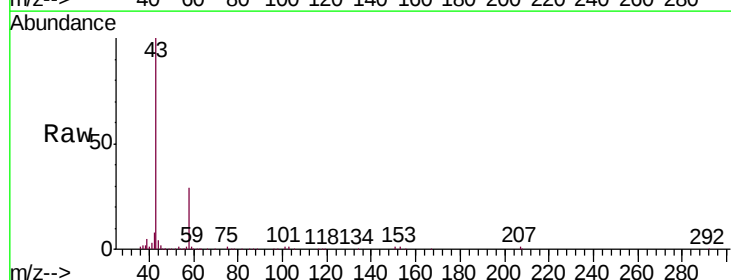
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

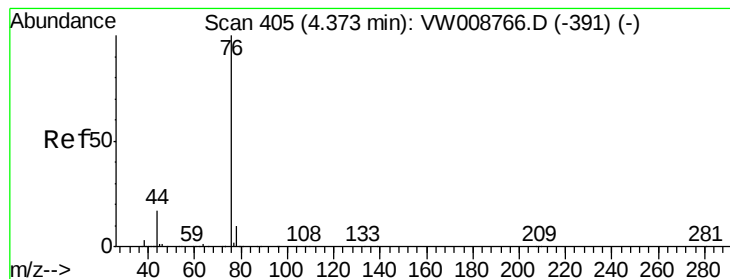
Tgt Ion:	53	Resp:	175417
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.2	100.8
51	38.5	31.1	46.7



#16
Acetone
Concen: 229.741 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion:	43	Resp:	175775
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.8	35.6





#17

Carbon Disulfide

Concen: 49.503 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

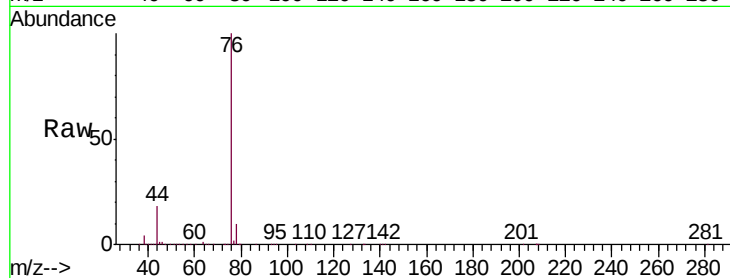
ICVW022119

Tgt Ion: 76 Resp: 506105

Ion Ratio Lower Upper

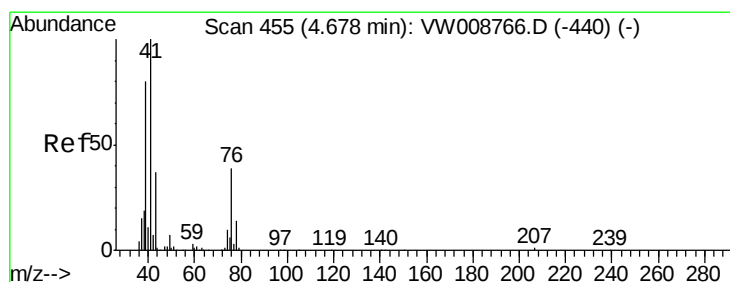
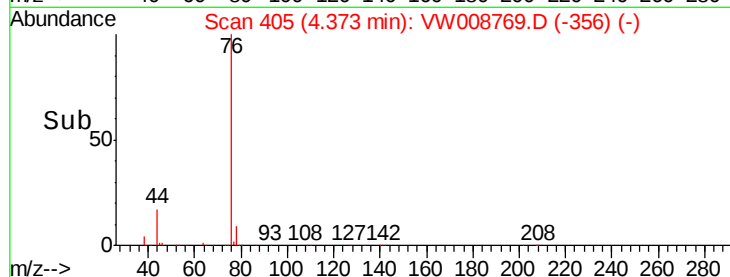
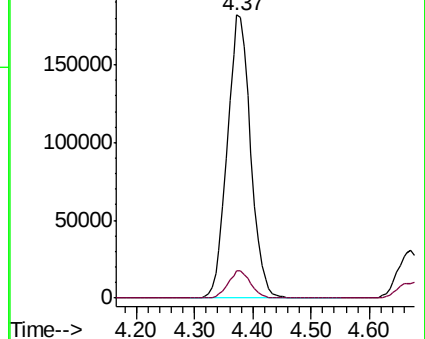
76 100

78 9.6 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 40.707 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008769.D

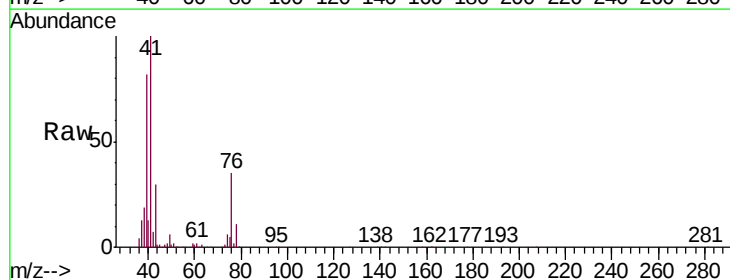
Acq: 21 Feb 2019 13:31

Tgt Ion: 43 Resp: 73873

Ion Ratio Lower Upper

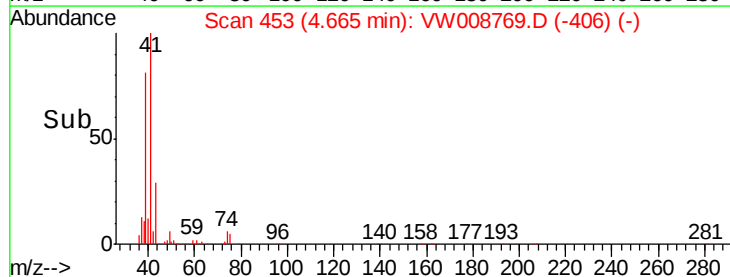
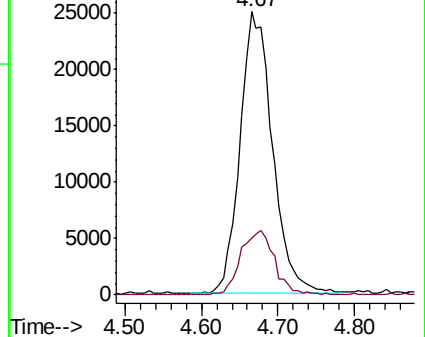
43 100

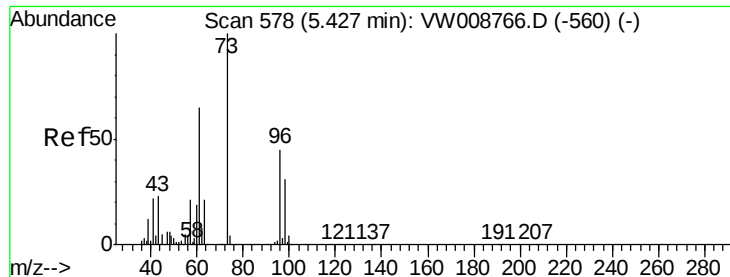
74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



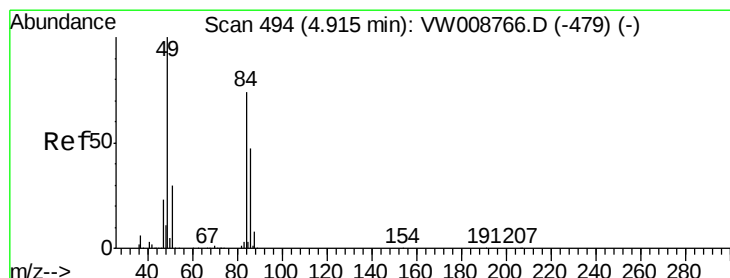
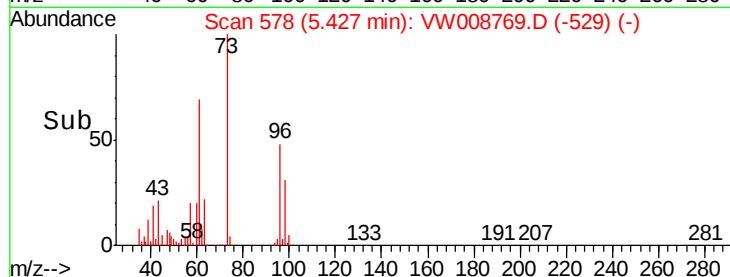
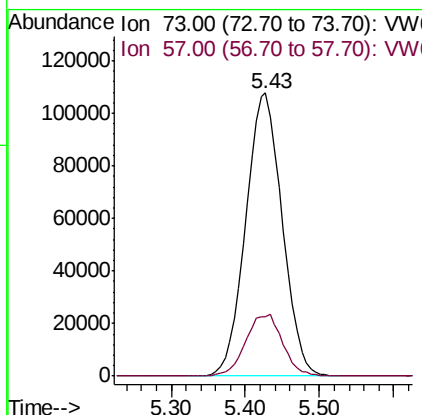
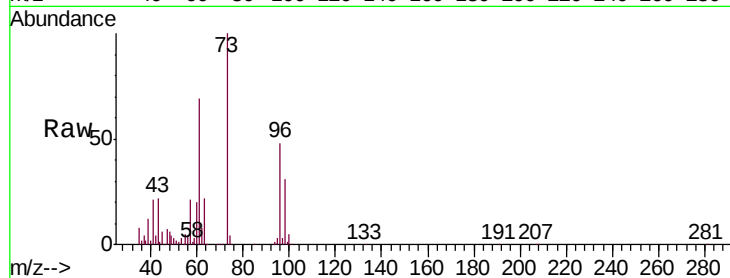


#19

Methyl tert-butyl Ether
 Concen: 44.322 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

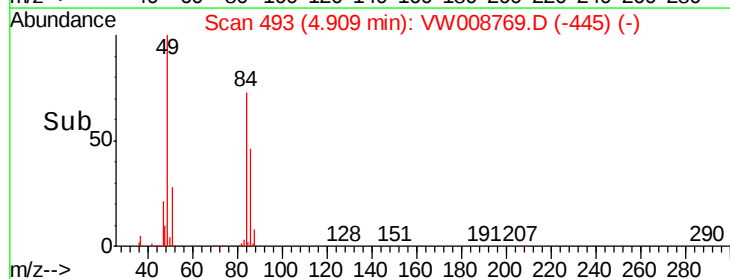
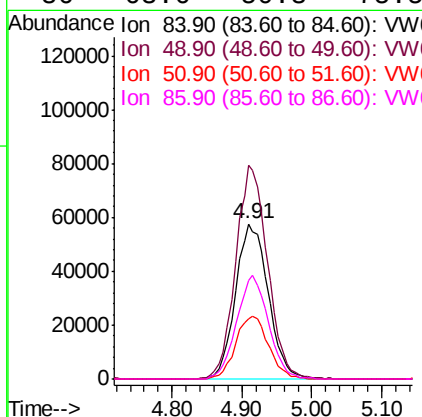
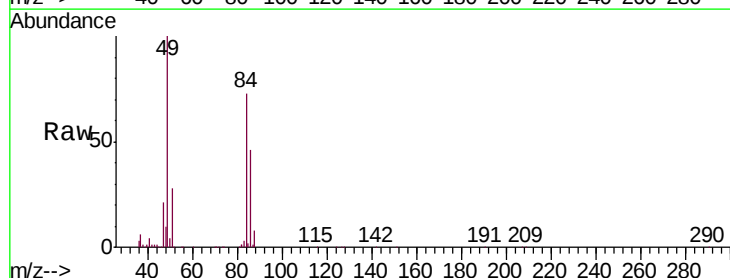
Tgt Ion: 73 Resp: 369660
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

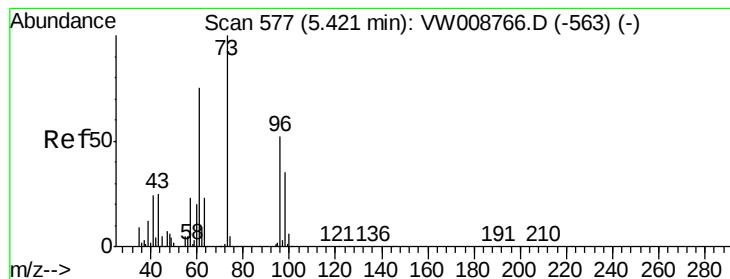


#20

Methylene Chloride
 Concen: 49.674 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion: 84 Resp: 187348
 Ion Ratio Lower Upper
 84 100
 49 137.9 108.2 162.2
 51 38.9 32.7 49.1
 86 63.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 46.067 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

ICVW022119

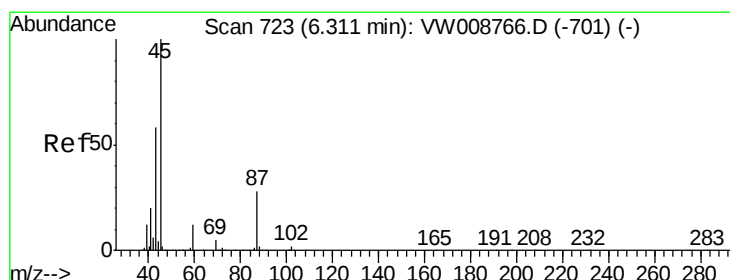
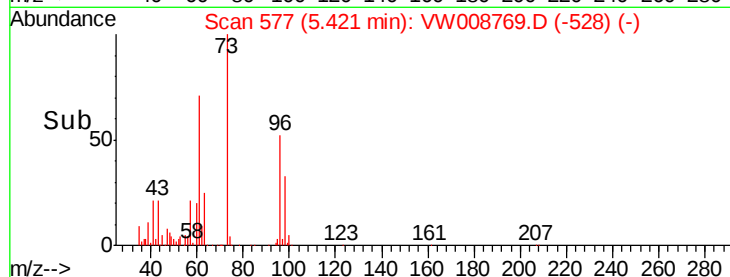
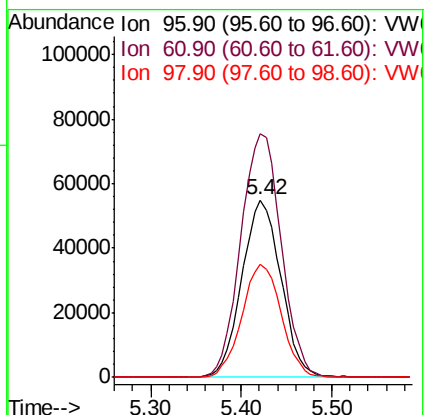
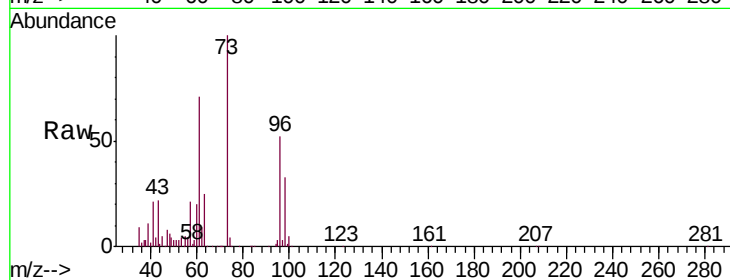
Tgt Ion: 96 Resp: 164201

Ion Ratio Lower Upper

96 100

61 137.1 114.6 171.8

98 63.6 54.0 81.0



#22

Diisopropyl ether

Concen: 47.110 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Tgt Ion: 45 Resp: 499787

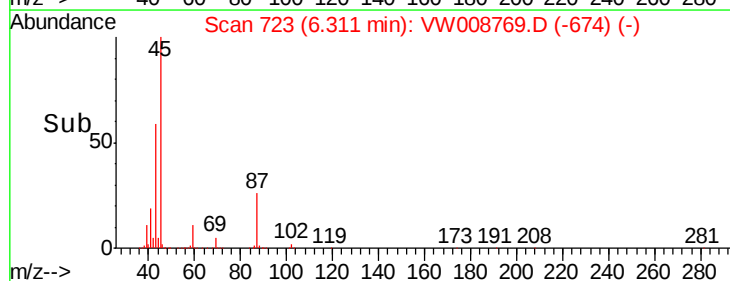
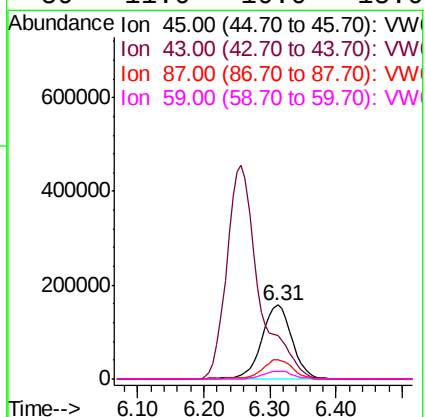
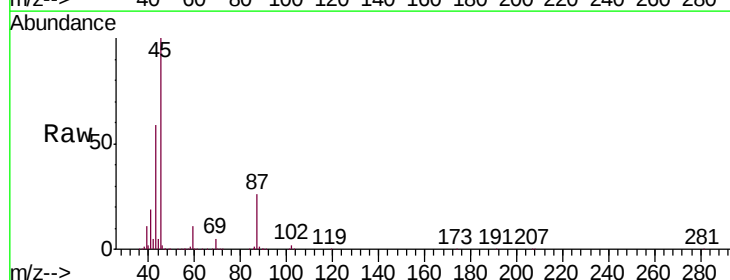
Ion Ratio Lower Upper

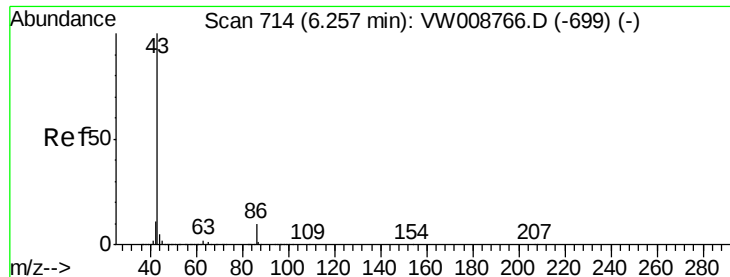
45 100

43 58.8 46.1 69.1

87 26.0 22.2 33.4

59 11.0 10.0 15.0





#23

Vinyl Acetate

Concen: 233.115 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

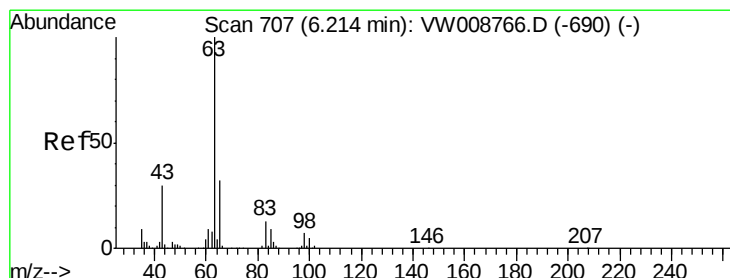
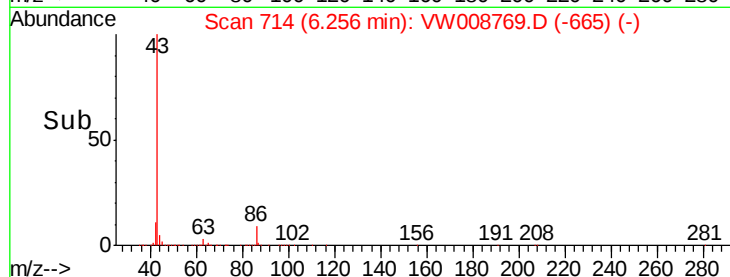
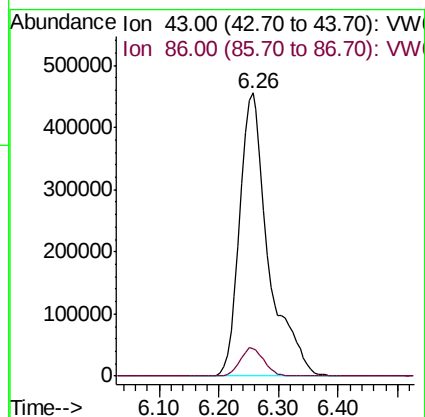
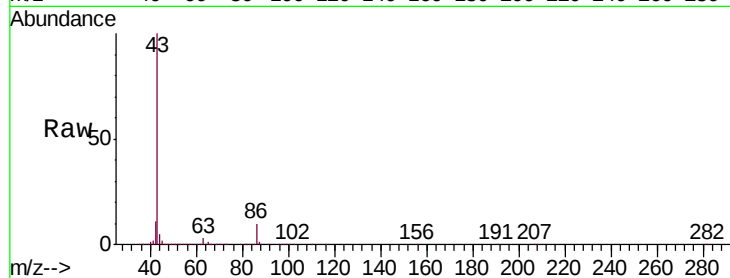
ICVW022119

Tgt Ion: 43 Resp: 1528015

Ion Ratio Lower Upper

43 100

86 9.6 8.1 12.1



#24

1,1-Dichloroethane

Concen: 46.543 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

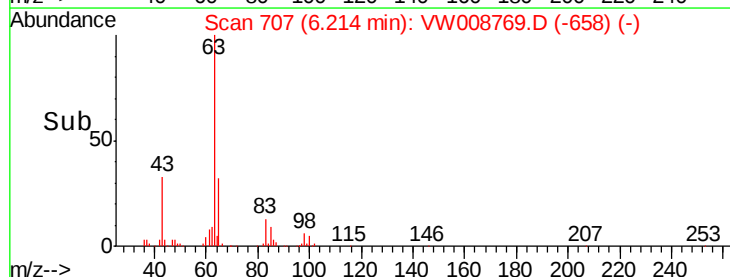
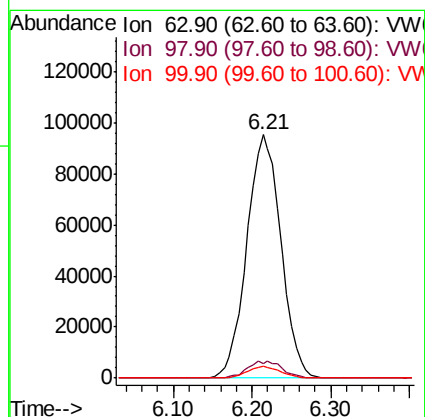
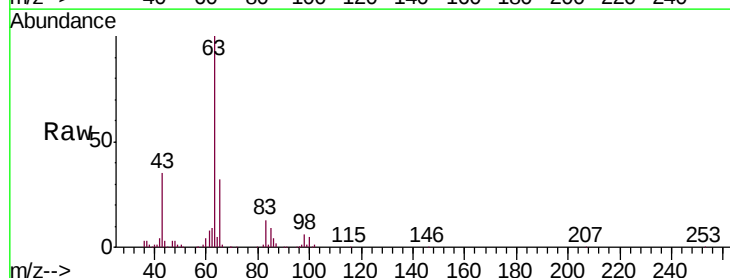
Tgt Ion: 63 Resp: 286126

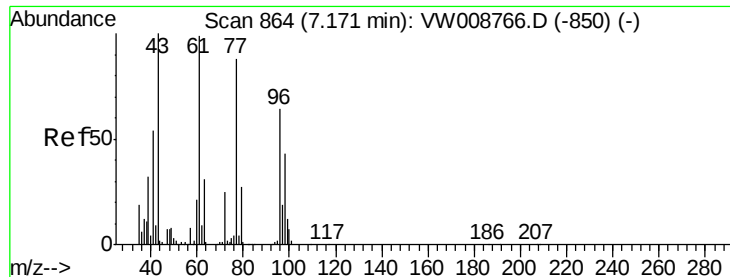
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 222.295 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampled :

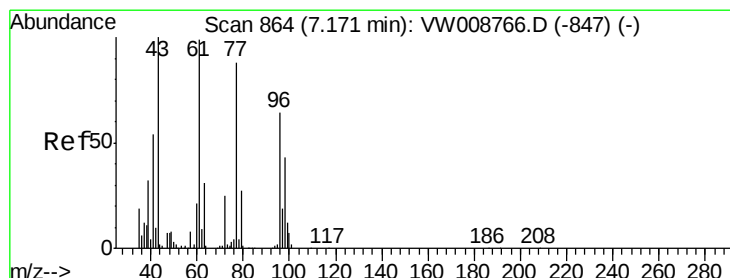
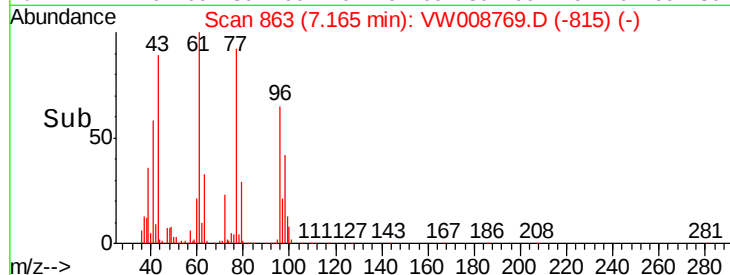
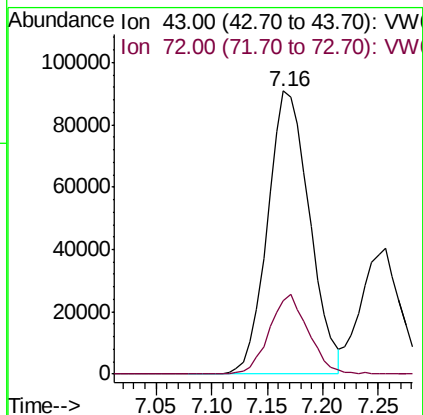
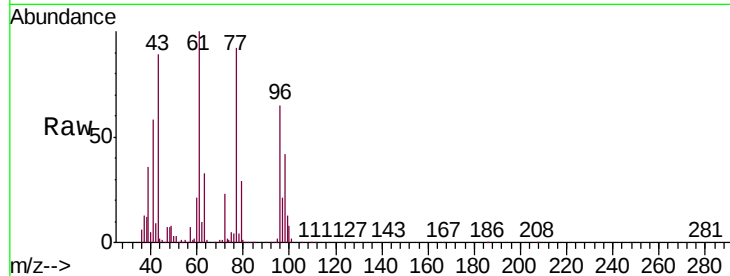
ICVW022119

Tgt Ion: 43 Resp: 237781

Ion Ratio Lower Upper

43 100

72 26.2 19.7 29.5



#26

2,2-Dichloropropane

Concen: 48.678 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008769.D

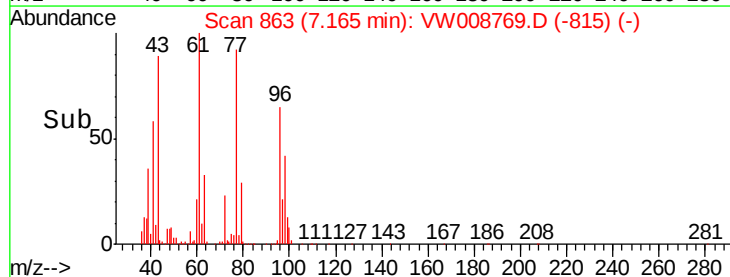
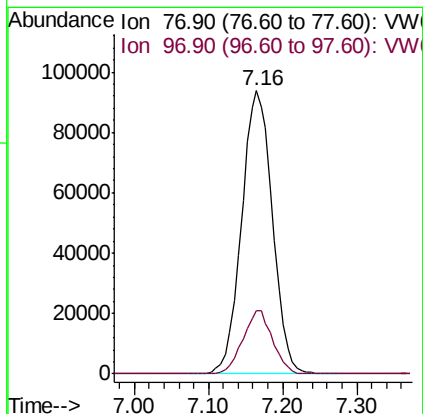
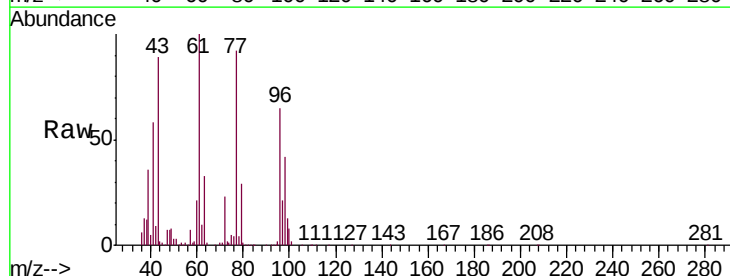
Acq: 21 Feb 2019 13:31

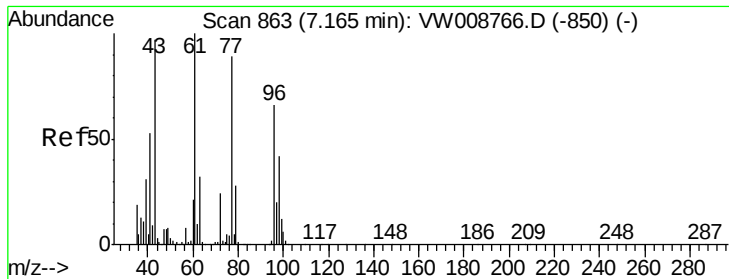
Tgt Ion: 77 Resp: 271685

Ion Ratio Lower Upper

77 100

97 21.7 11.0 33.0



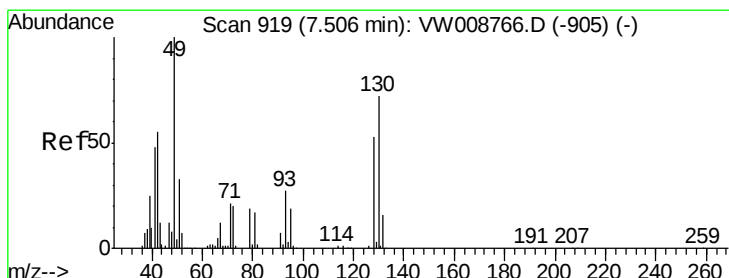
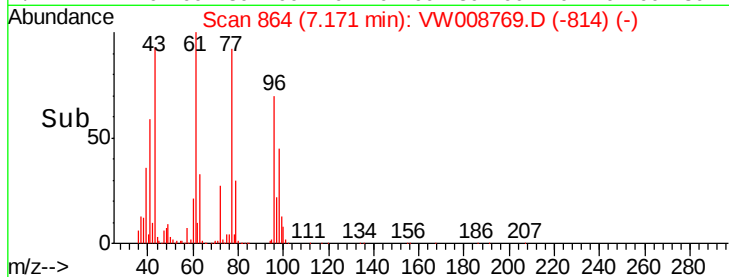
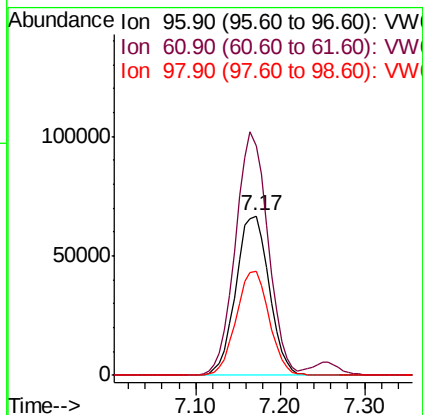
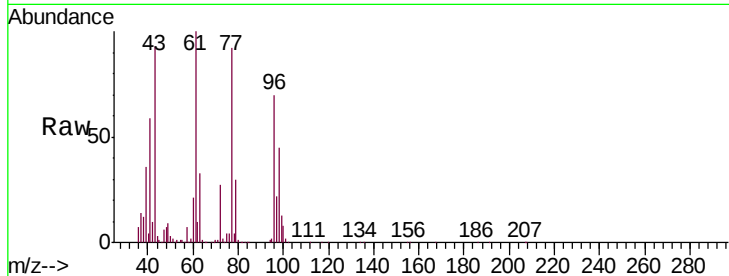


#27

cis-1,2-Dichloroethene
Concen: 46.957 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Instrument :
MSVOA_W
ClientSampled :
ICVW022119

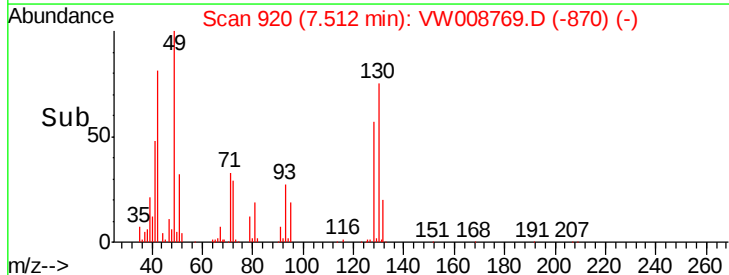
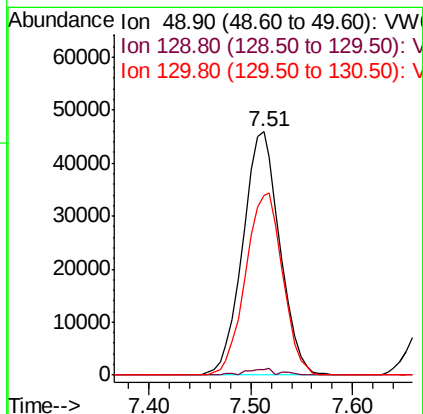
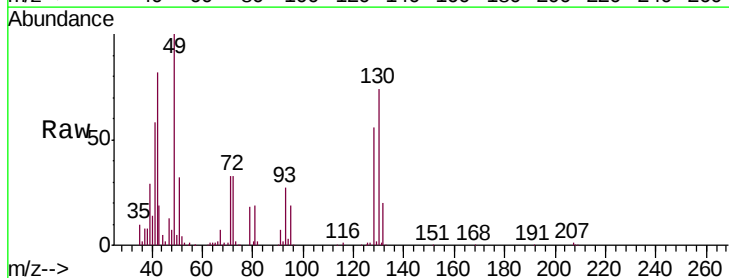
Tgt Ion: 96 Resp: 179036
Ion Ratio Lower Upper
96 100
61 148.6 0.0 302.6
98 64.4 0.0 130.0

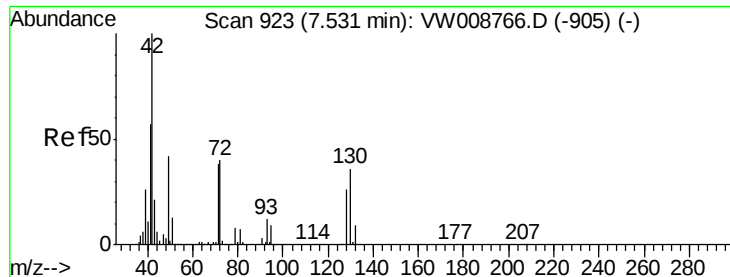


#28

Bromochloromethane
Concen: 45.051 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 49 Resp: 115897
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.6
130 75.0 61.3 91.9

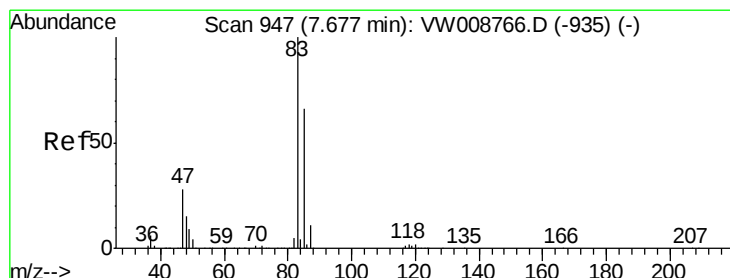
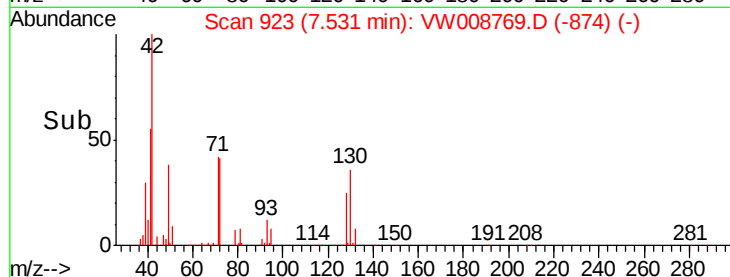
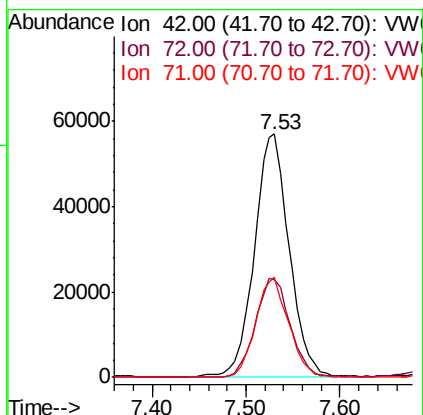
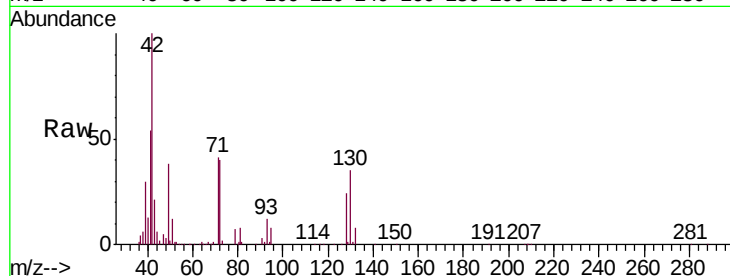




#29
Tetrahydrofuran
Concen: 217.667 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

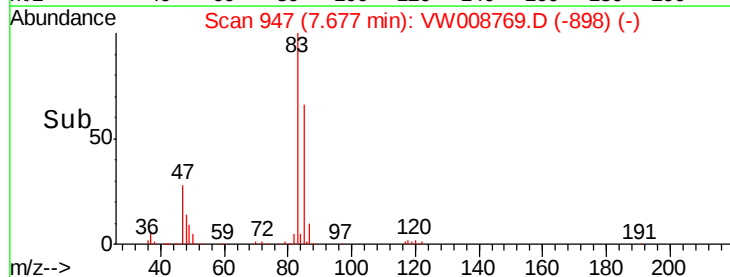
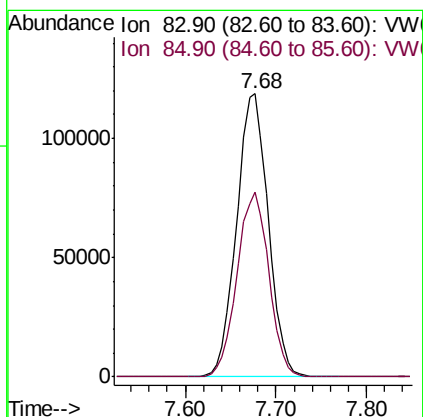
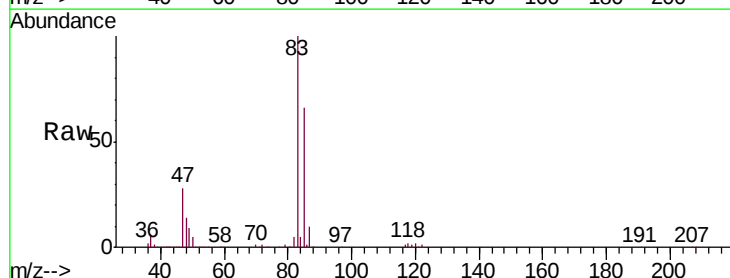
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

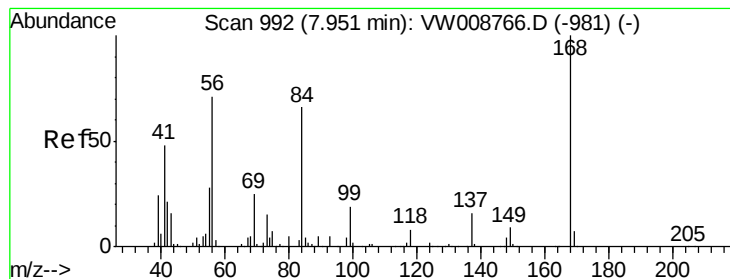
Tgt Ion: 42 Resp: 148376
Ion Ratio Lower Upper
42 100
72 40.8 32.7 49.1
71 38.9 31.3 46.9



#30
Chloroform
Concen: 45.566 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 83 Resp: 287373
Ion Ratio Lower Upper
83 100
85 65.5 52.6 79.0





#31

Cyclohexane

Concen: 46.914 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

ICVW022119

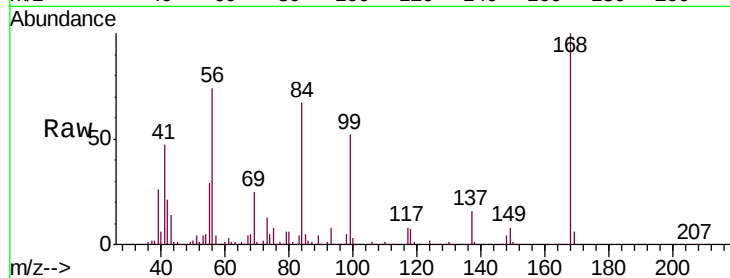
Tgt Ion: 56 Resp: 291941

Ion Ratio Lower Upper

56 100

69 33.8 28.2 42.4

84 88.4 74.1 111.1

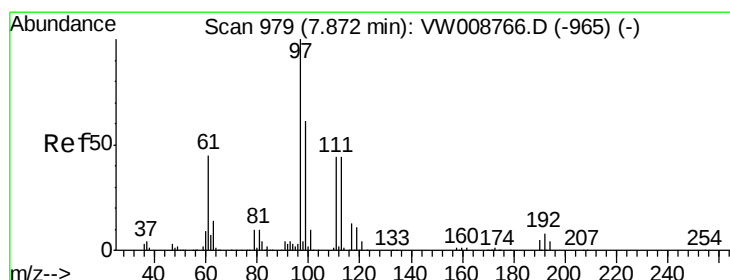
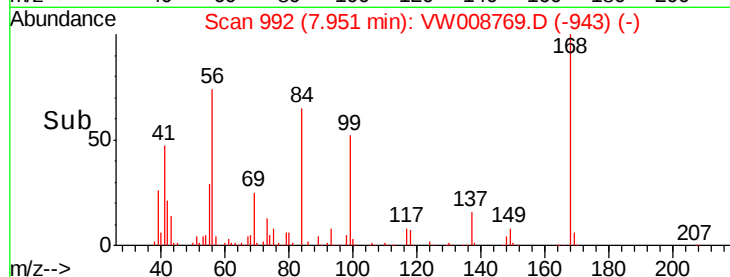
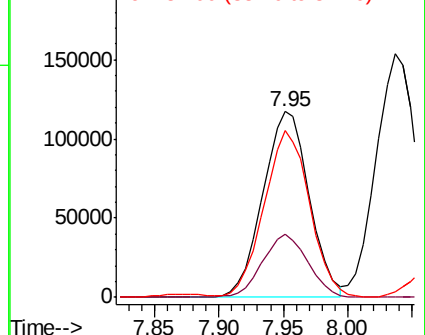


Abundance

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: 47.543 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

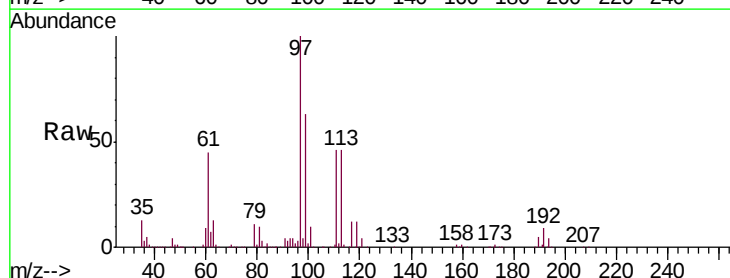
Tgt Ion: 97 Resp: 272674

Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 45.6 36.0 54.0

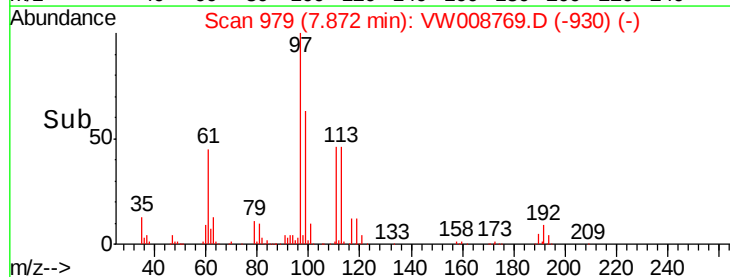
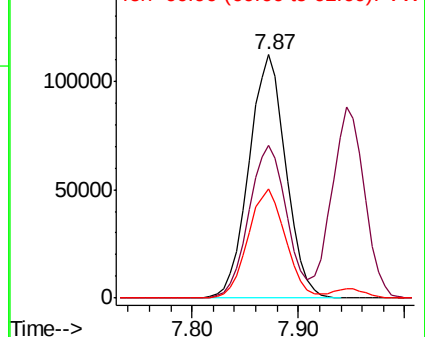


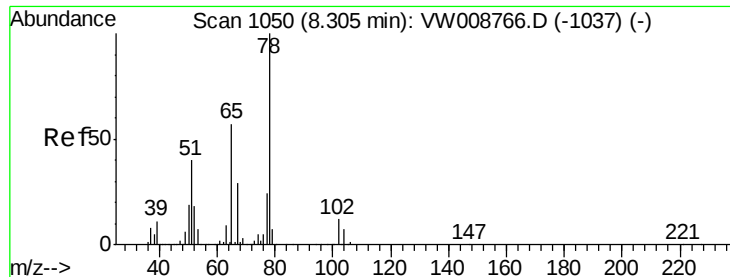
Abundance

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

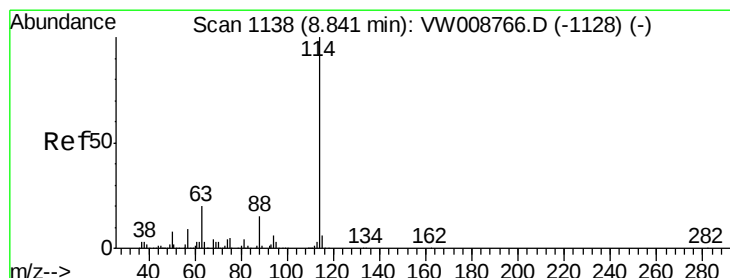
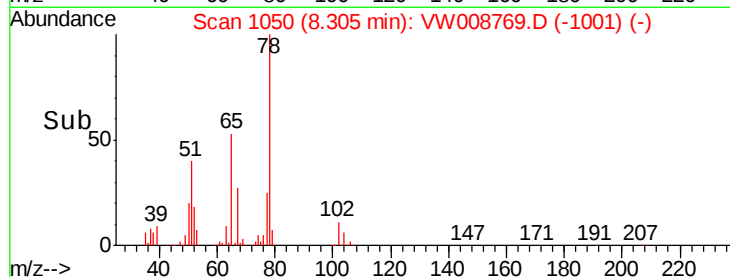
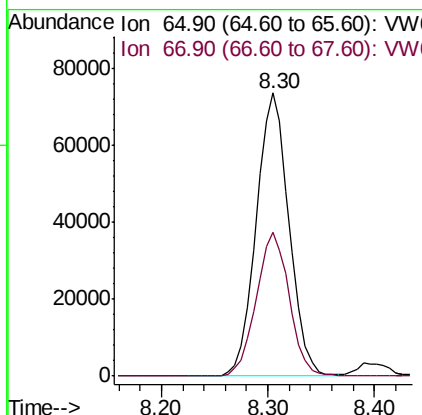
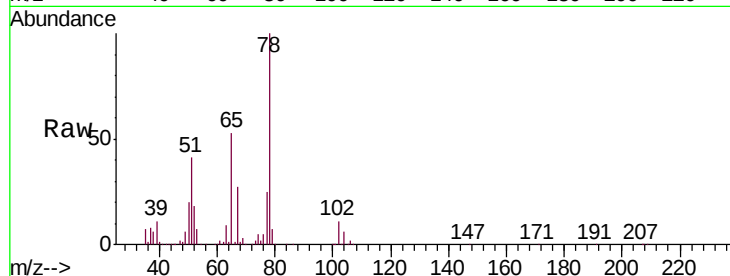




#33
 1,2-Dichloroethane-d4
 Concen: 48.065 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

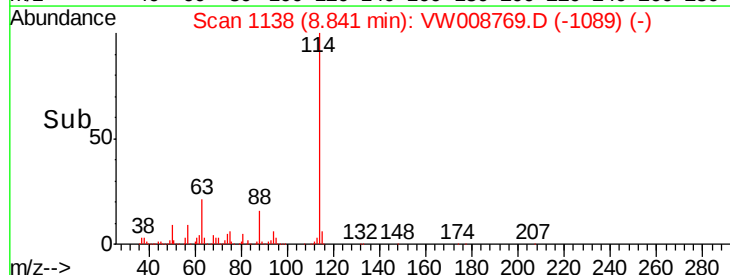
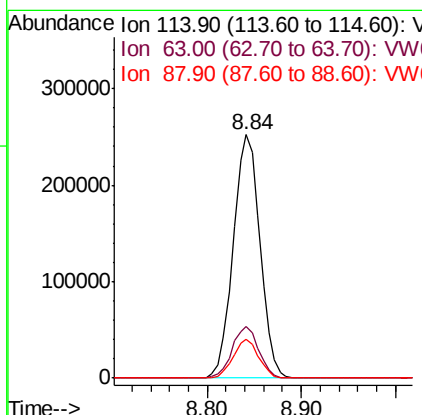
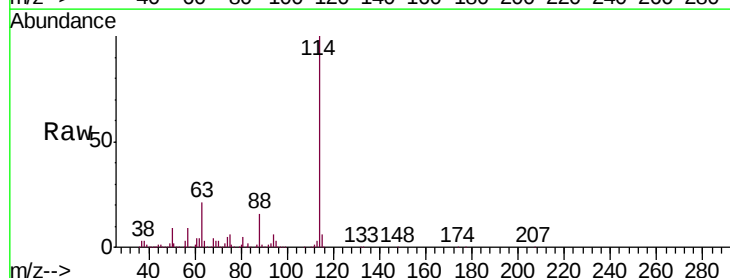
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

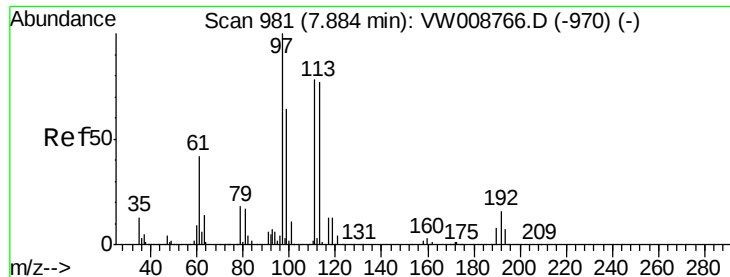
Tgt Ion: 65 Resp: 158653
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion: 114 Resp: 497468
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 15.9 0.0 30.4

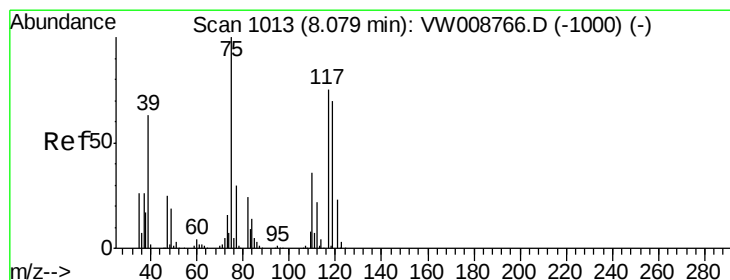
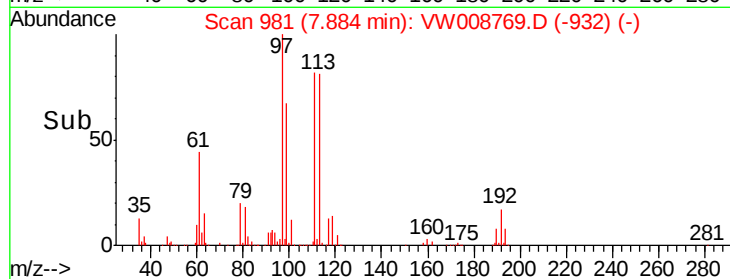
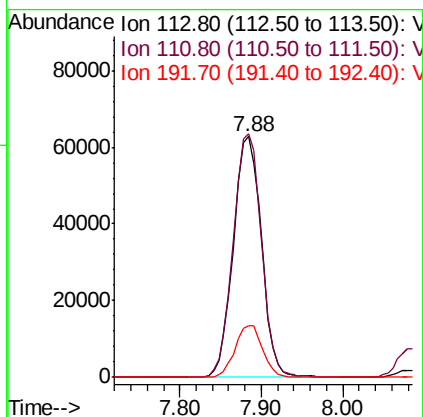
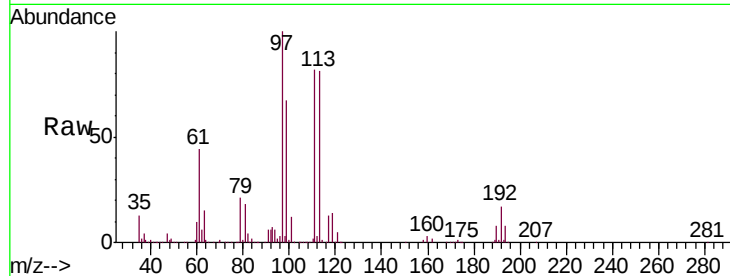




#35
 Dibromofluoromethane
 Concen: 49.854 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

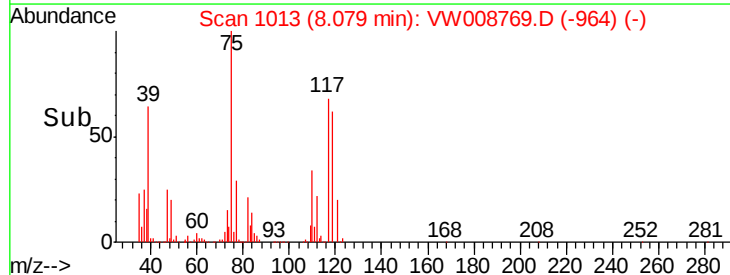
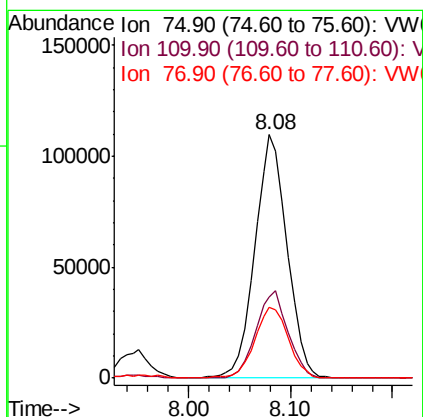
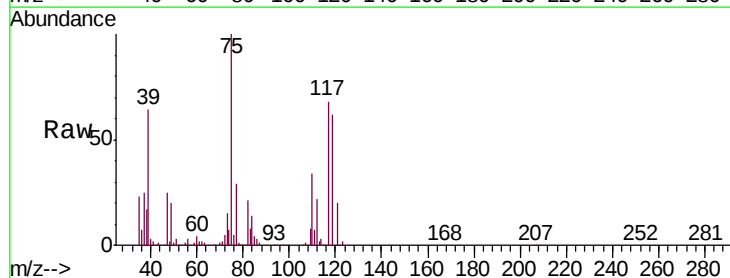
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

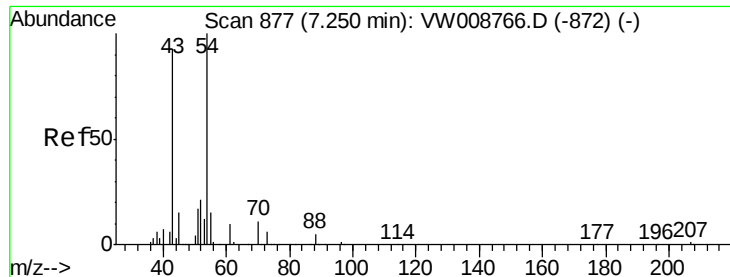
Tgt Ion: 113 Resp: 148906
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 21.1 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 49.506 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion: 75 Resp: 239732
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.5 52.6
 77 30.8 24.5 36.7

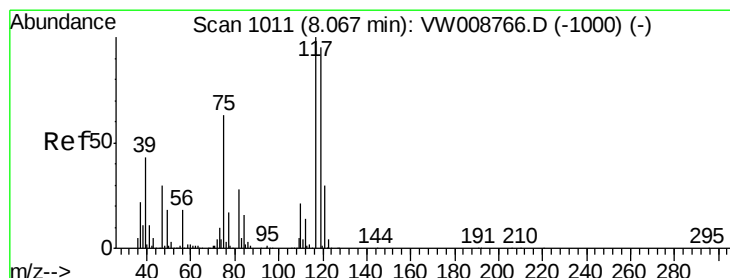
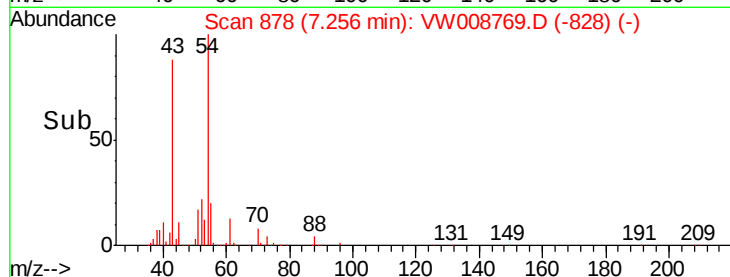
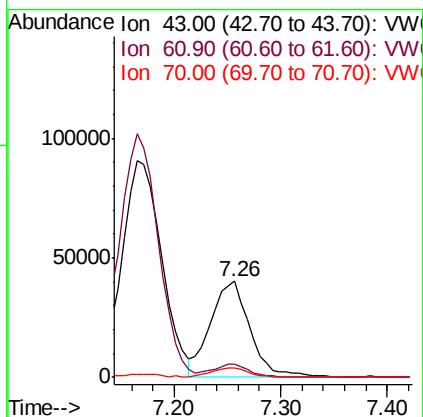
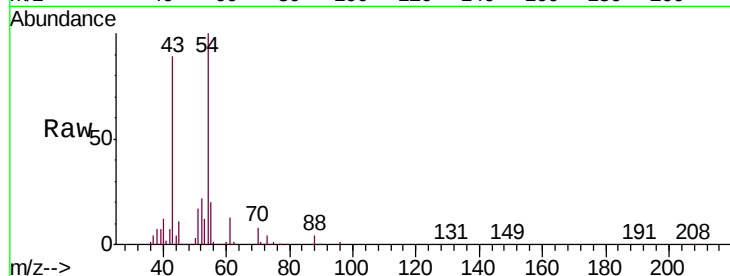




#37
Ethyl Acetate
Concen: 45.042 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

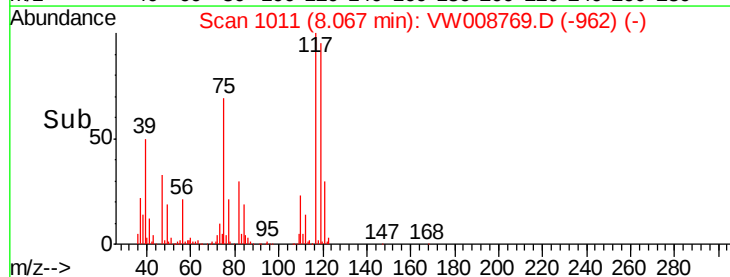
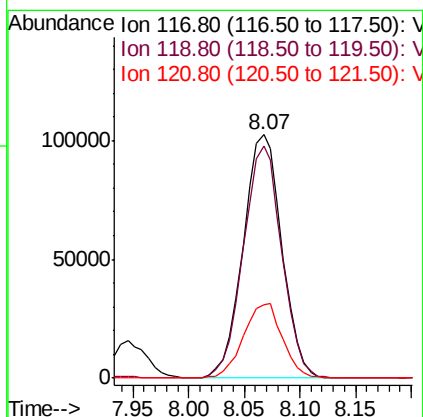
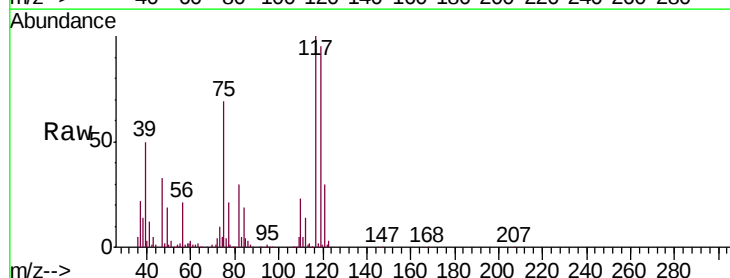
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

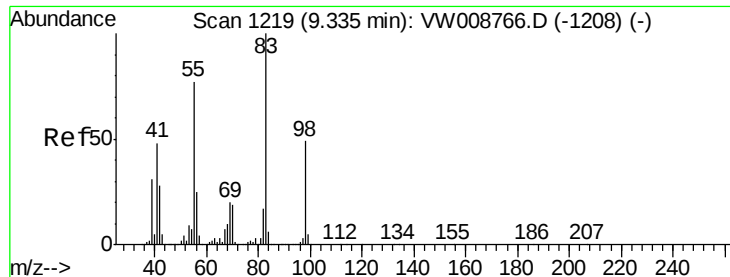
Tgt Ion: 43 Resp: 101429
Ion Ratio Lower Upper
43 100
61 12.5 9.8 14.8
70 9.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 48.561 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 117 Resp: 247997
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 30.2 24.0 36.0

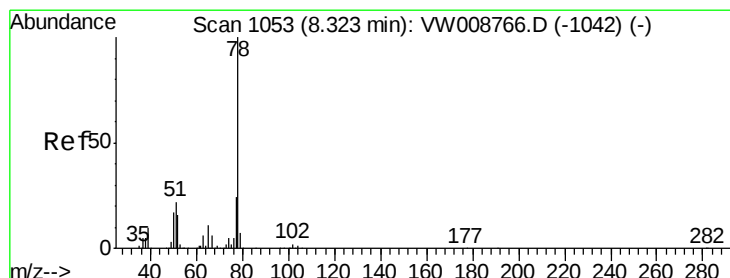
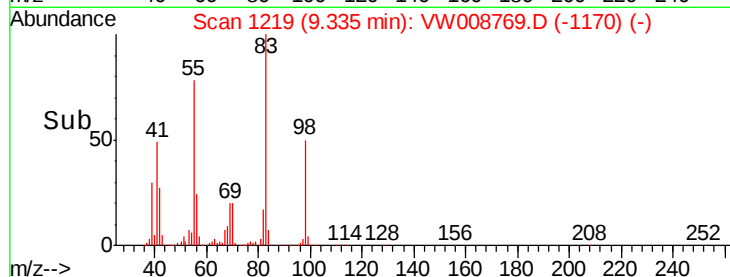
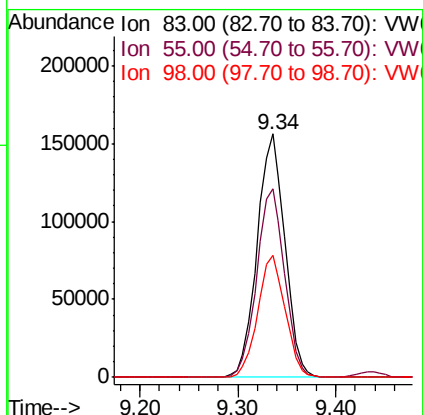
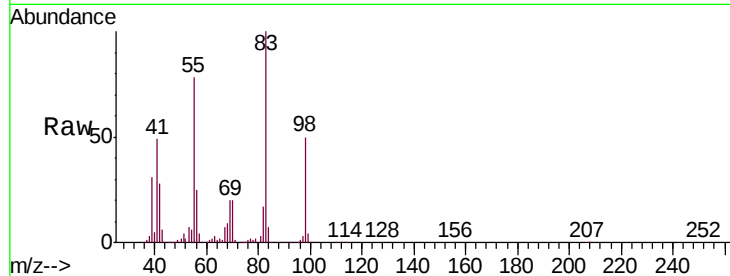




#39
Methylcyclohexane
Concen: 50.775 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

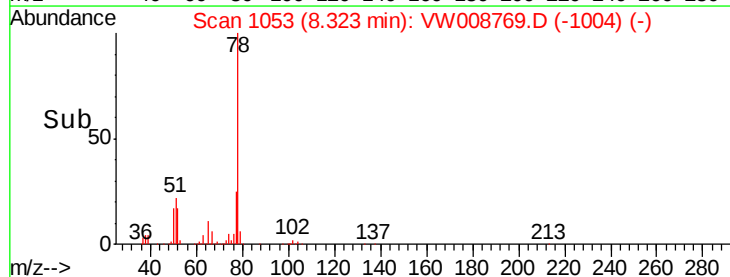
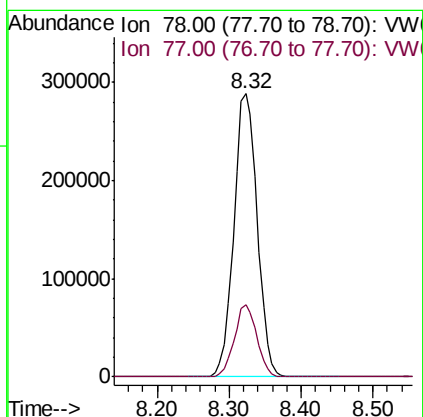
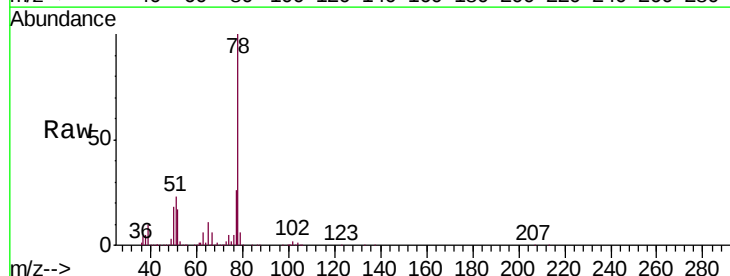
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

Tgt Ion: 83 Resp: 306692
Ion Ratio Lower Upper
83 100
55 77.6 61.2 91.8
98 49.9 39.4 59.2



#40
Benzene
Concen: 48.899 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 78 Resp: 646530
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9

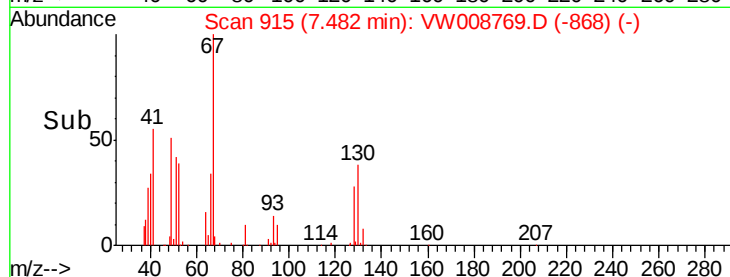
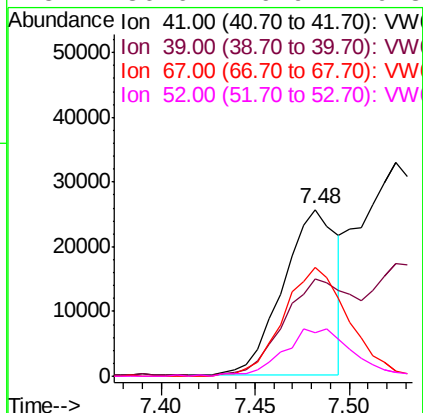
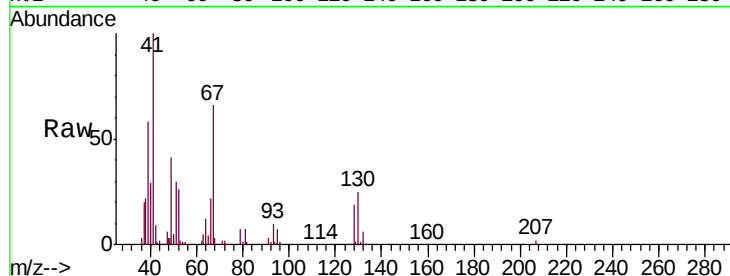




#41
Methacrylonitrile
Concen: 38.910 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

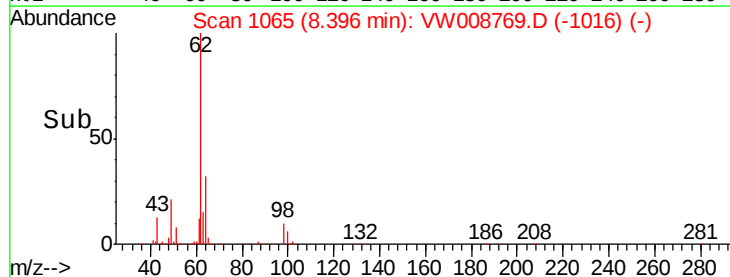
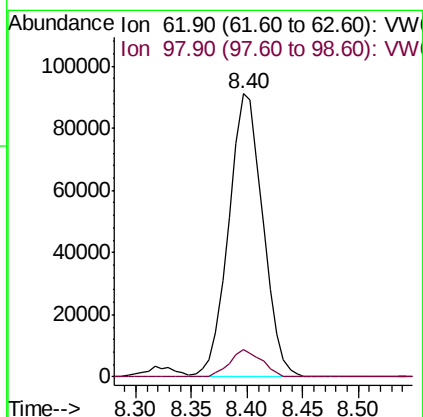
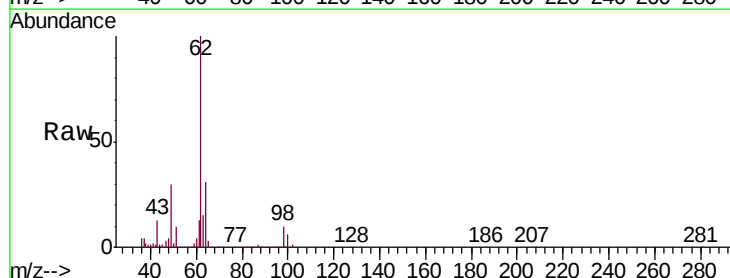
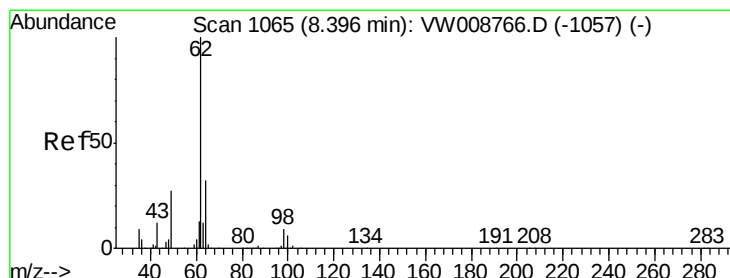
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

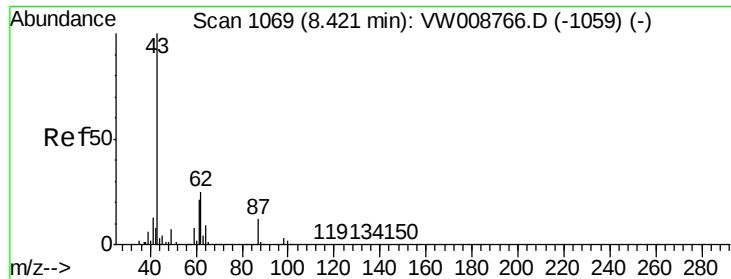
Tgt Ion:	41	Resp:	51504
Ion	Ratio	Lower	Upper
41	100		
39	75.1	52.5	78.7
67	78.7	55.0	82.6
52	36.6	26.9	40.3



#42
1,2-Dichloroethane
Concen: 46.204 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion:	62	Resp:	193519
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

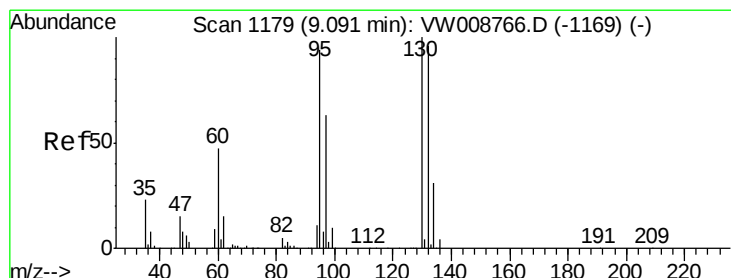
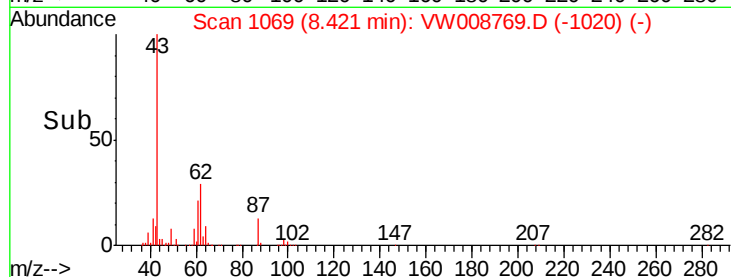
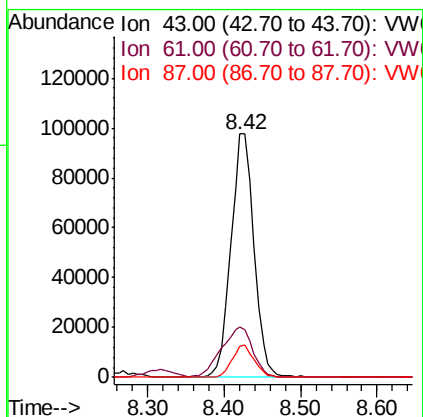
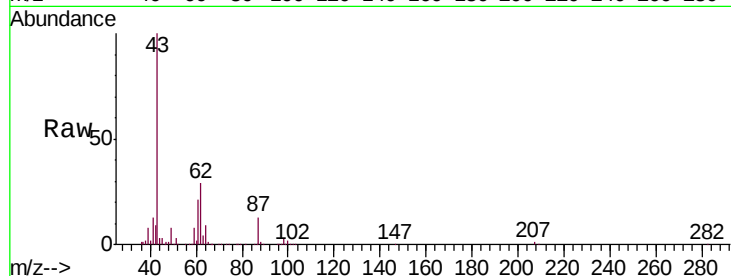




#43
Isopropyl Acetate
Concen: 44.996 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

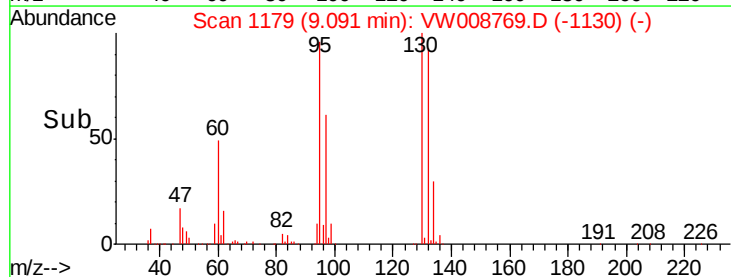
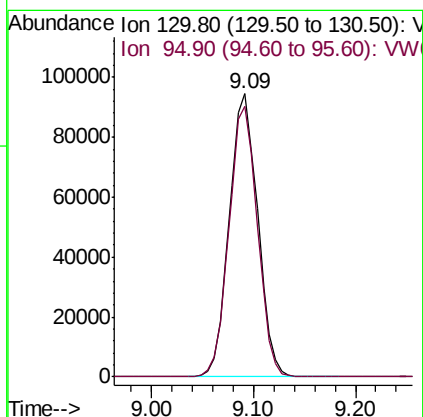
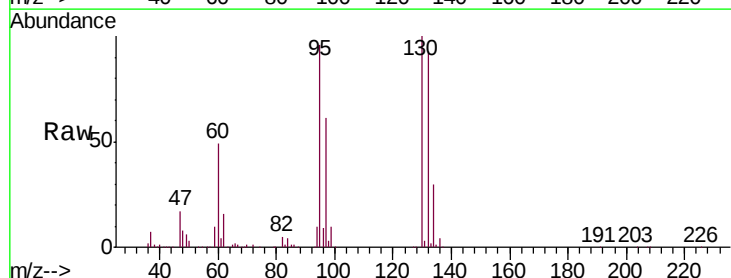
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

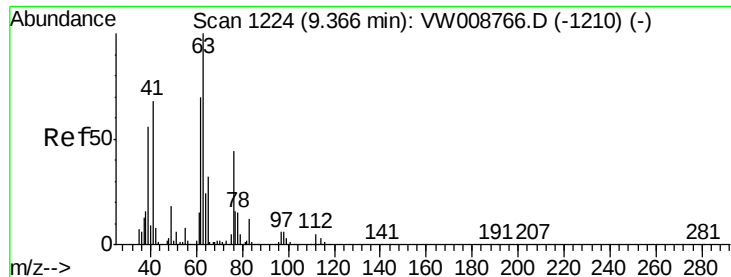
Tgt Ion: 43 Resp: 202229
Ion Ratio Lower Upper
43 100
61 28.3 23.2 34.8
87 13.0 9.9 14.9



#44
Trichloroethene
Concen: 48.889 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 130 Resp: 182094
Ion Ratio Lower Upper
130 100
95 95.7 0.0 188.6





#45

1,2-Dichloropropane

Concen: 47.514 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

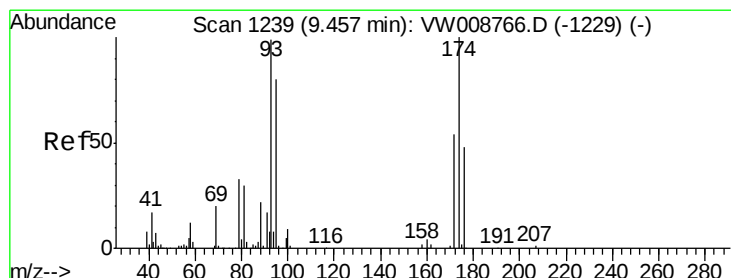
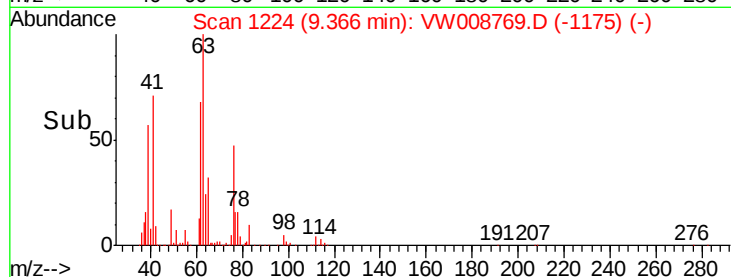
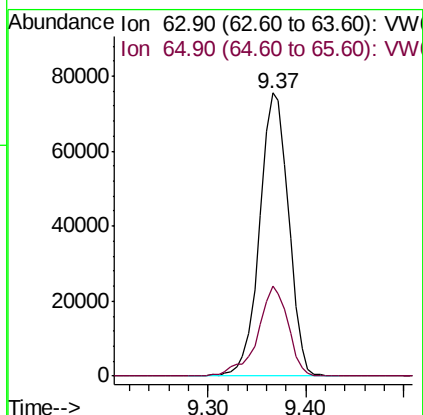
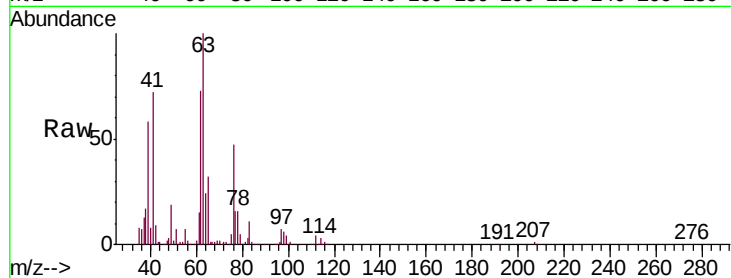
ICVW022119

Tgt Ion: 63 Resp: 155242

Ion Ratio Lower Upper

63 100

65 32.1 25.5 38.3



#46

Dibromomethane

Concen: 45.604 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

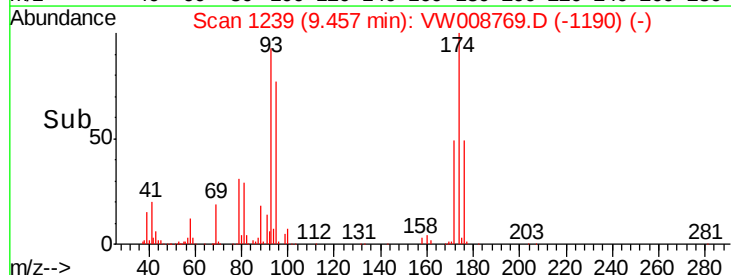
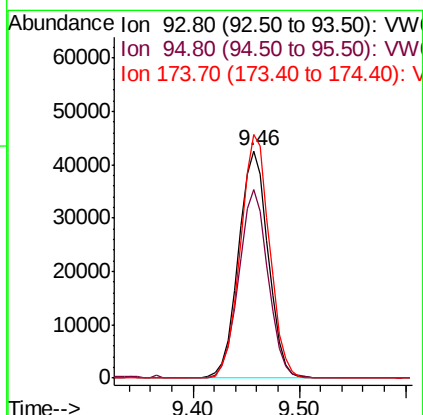
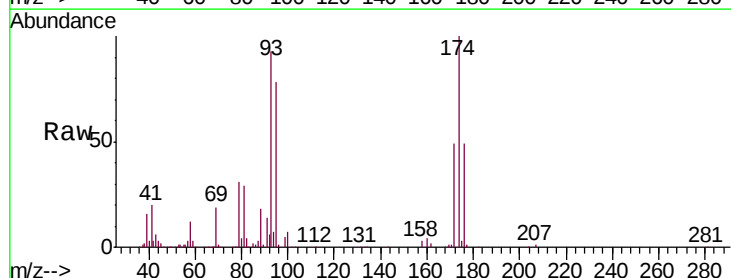
Tgt Ion: 93 Resp: 82879

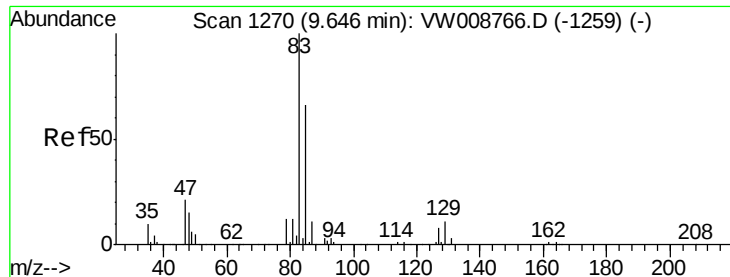
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

174 105.9 86.7 130.1

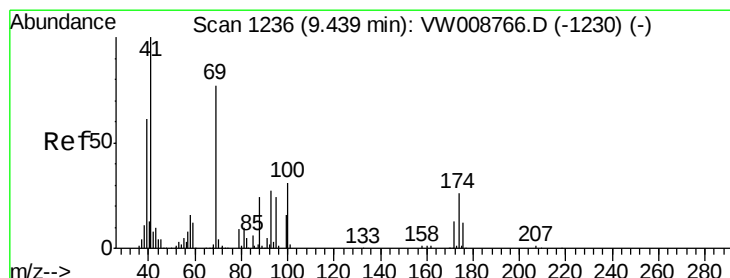
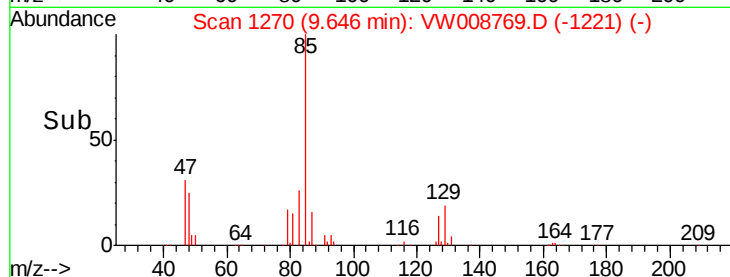
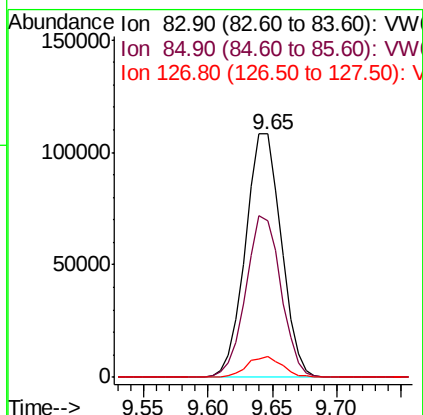
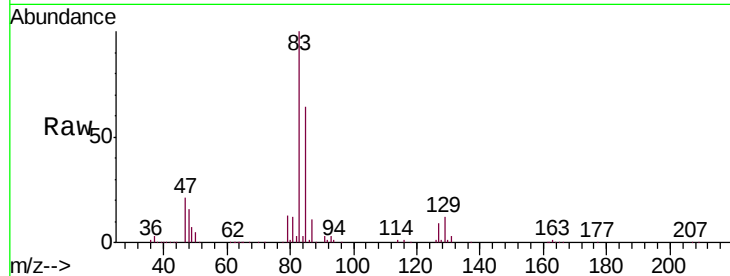




#47
 Bromodichloromethane
 Concen: 47.078 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

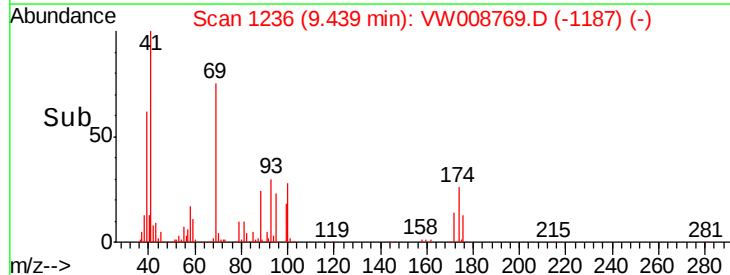
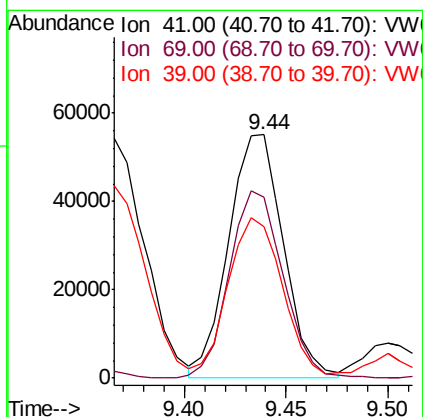
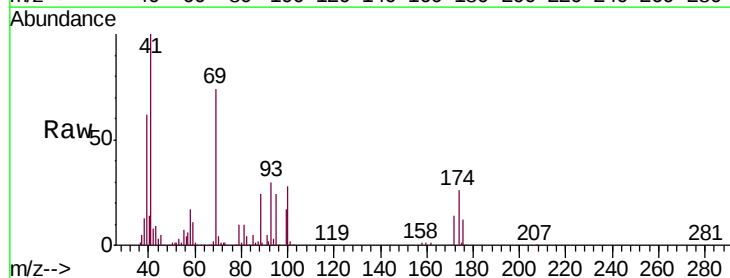
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

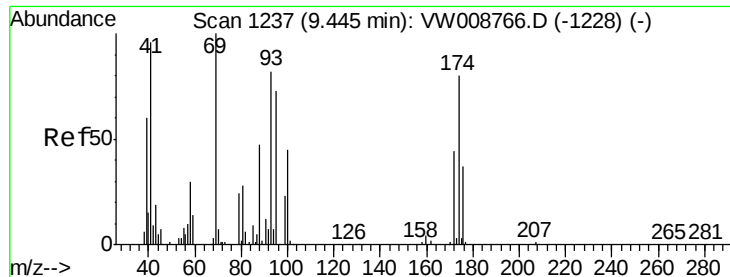
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.5	78.7
127	8.8	6.7	10.1



#48
 Methyl methacrylate
 Concen: 47.708 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.8	63.6	95.4
39	61.5	52.1	78.1

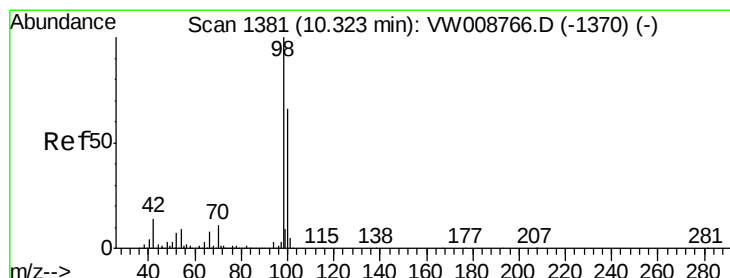
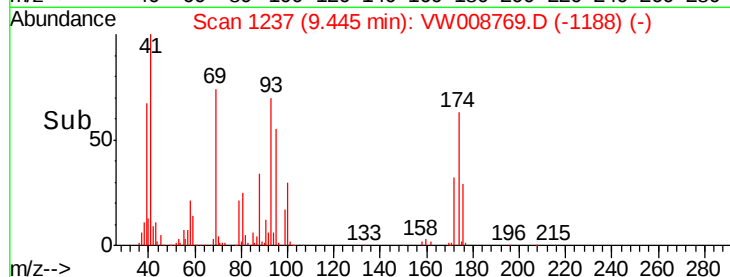
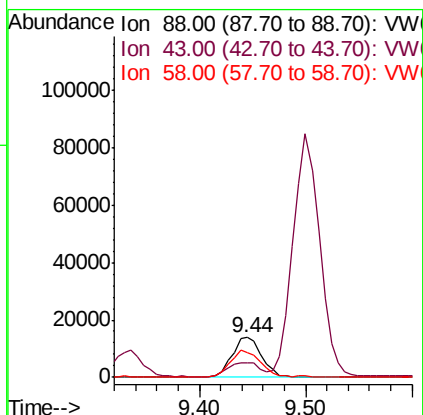
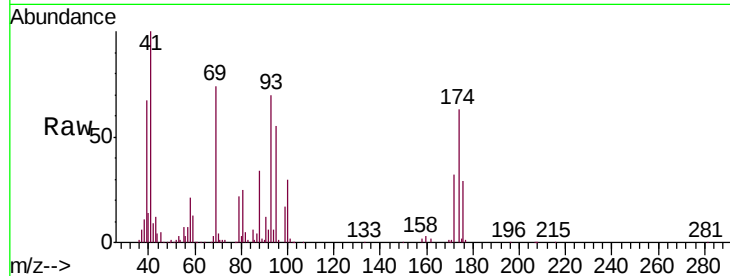




#49
1,4-Dioxane
Concen: 953.493 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

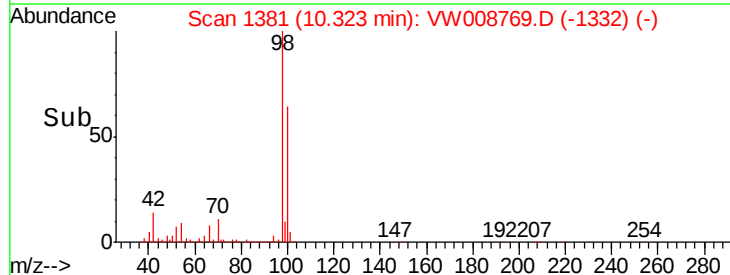
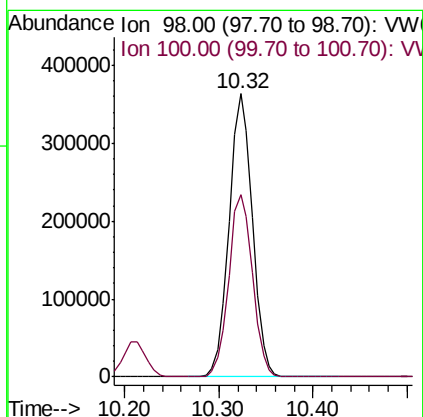
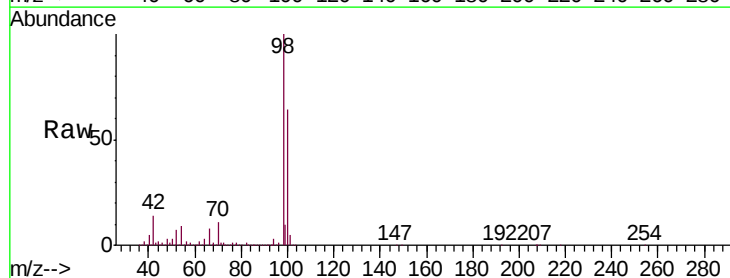
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

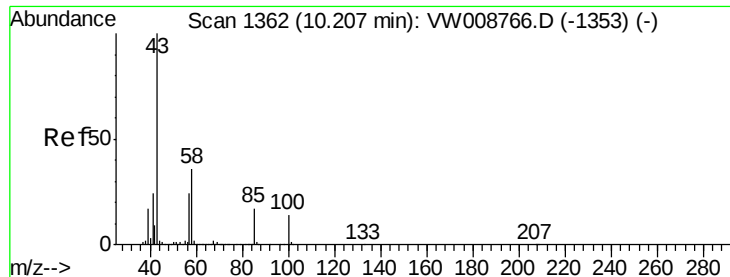
Tgt Ion: 88 Resp: 27750
Ion Ratio Lower Upper
88 100
43 37.2 29.0 43.4
58 68.0 52.0 78.0



#50
Toluene-d8
Concen: 54.024 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 98 Resp: 622908
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

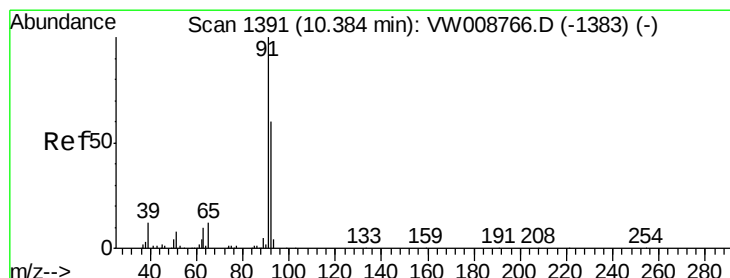
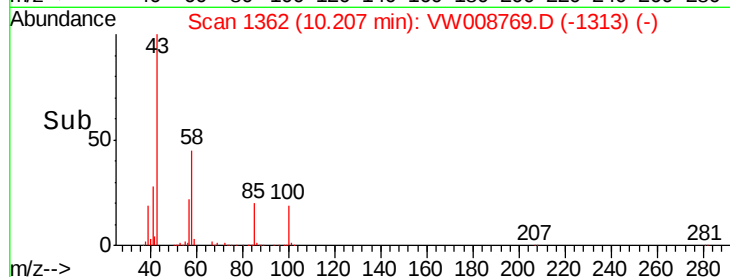
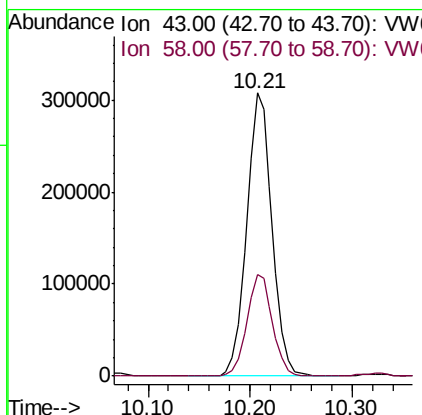
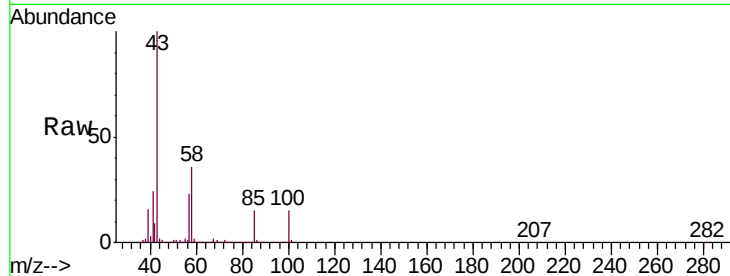




#51
 4-Methyl-2-Pentanone
 Concen: 231.189 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

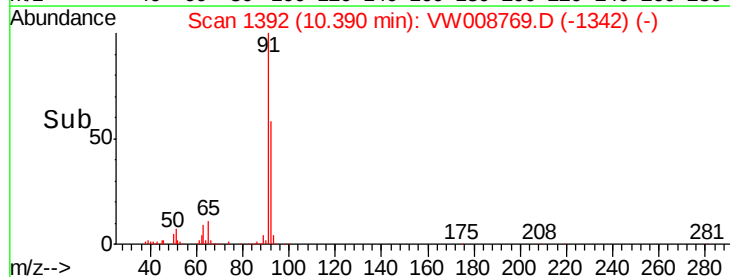
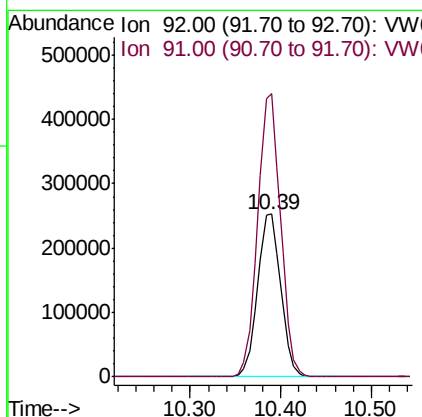
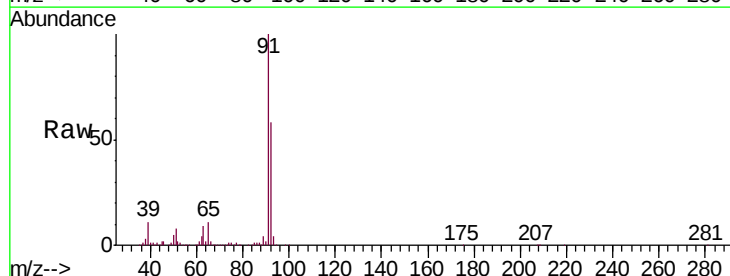
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

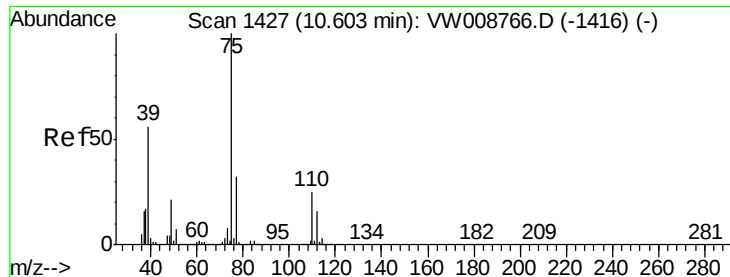
Tgt Ion: 43 Resp: 527520
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.1 43.7



#52
 Toluene
 Concen: 49.842 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion: 92 Resp: 447242
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 48.137 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

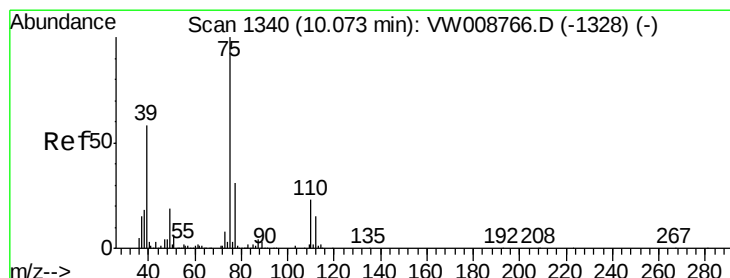
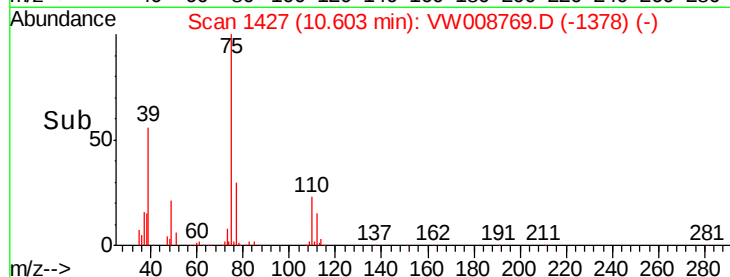
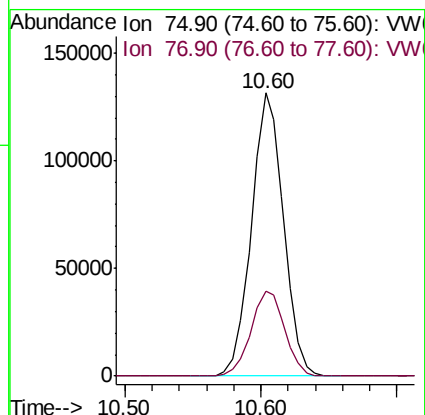
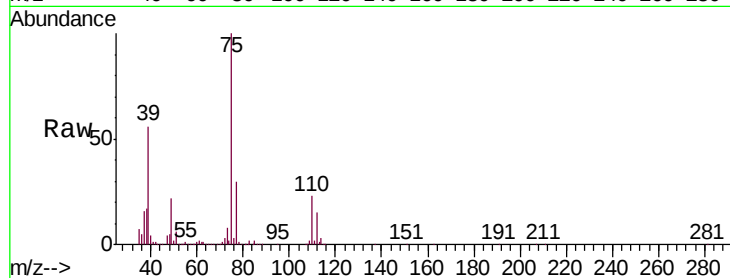
ICVW022119

Tgt Ion: 75 Resp: 216949

Ion Ratio Lower Upper

75 100

77 30.0 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 48.259 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

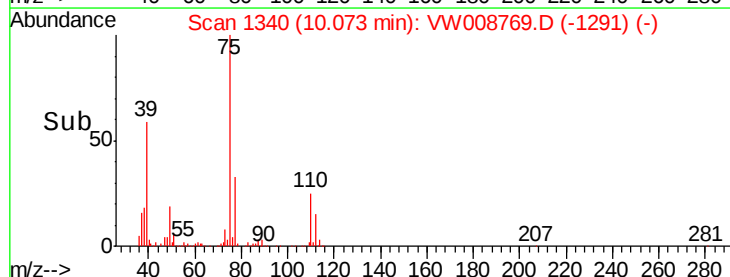
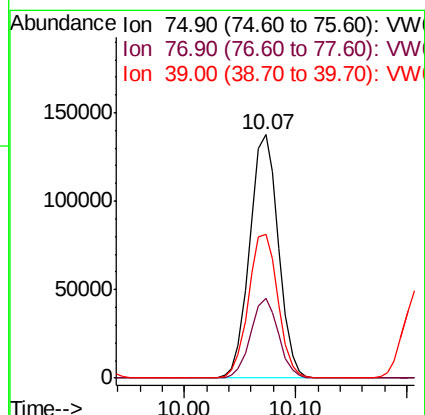
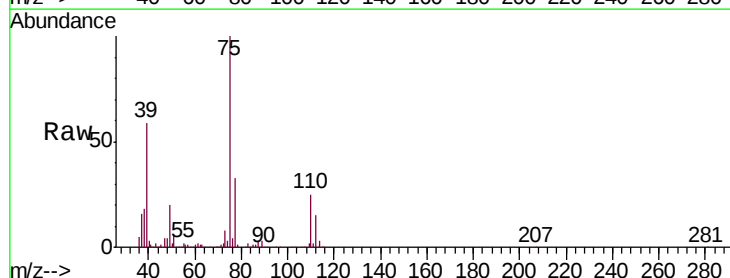
Tgt Ion: 75 Resp: 248058

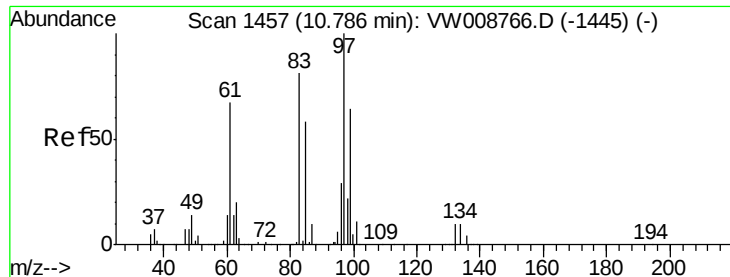
Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.4

39 59.2 46.6 70.0

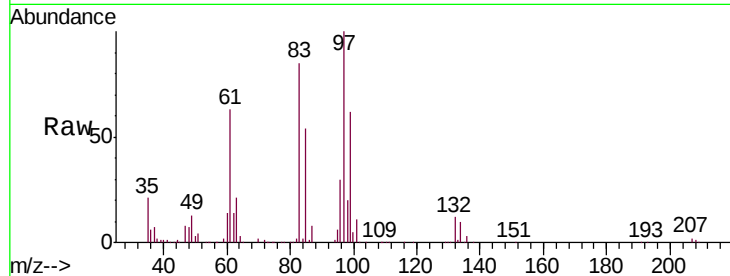




#55
 1,1,2-Trichloroethane
 Concen: 46.170 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

Tgt Ion:	97	Resp:	113792
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.0	97.6
85	54.1	46.0	69.0
99	62.2	51.1	76.7



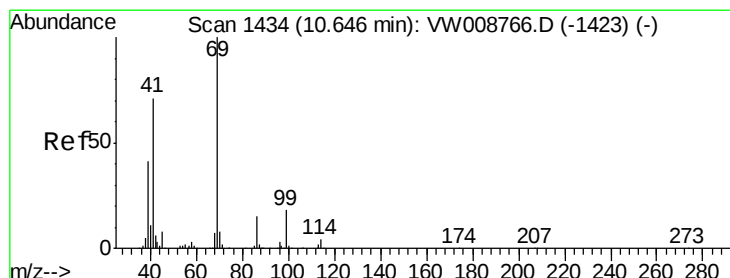
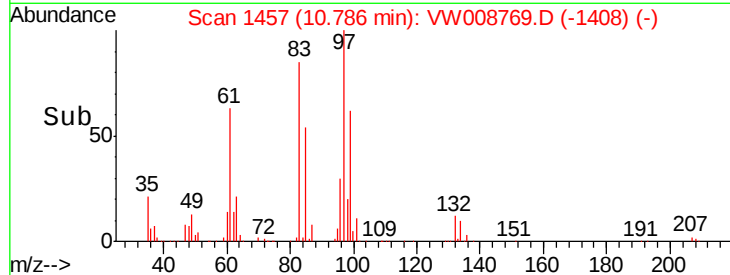
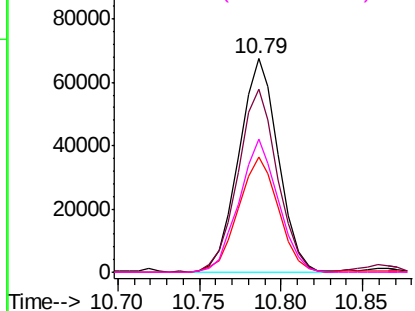
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

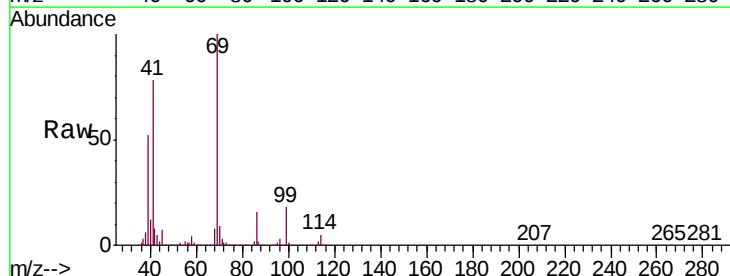
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 47.399 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion:	69	Resp:	151776
Ion	Ratio	Lower	Upper
69	100		
41	74.3	57.4	86.0
39	45.1	34.8	52.2

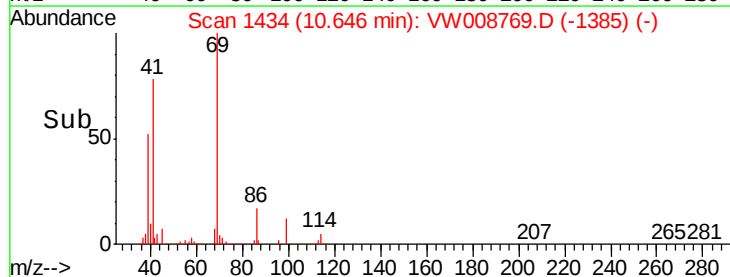
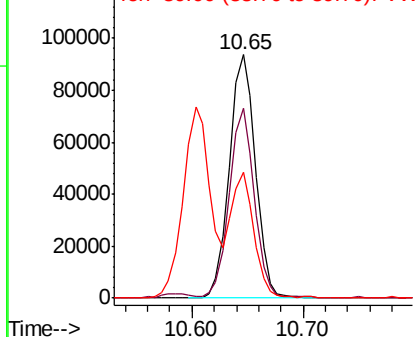


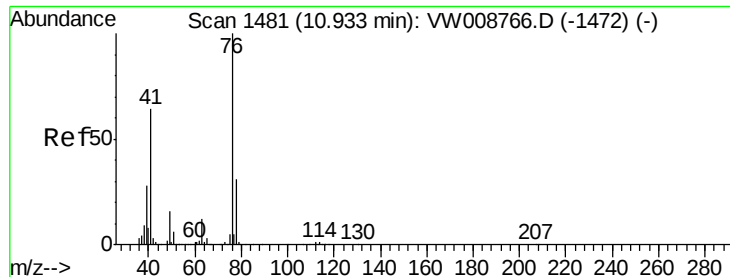
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

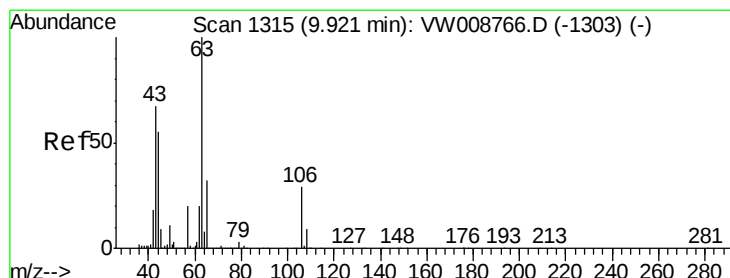
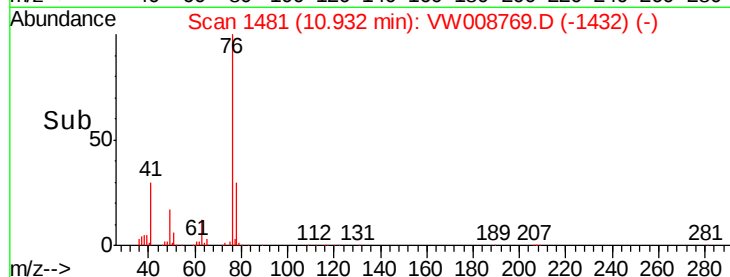
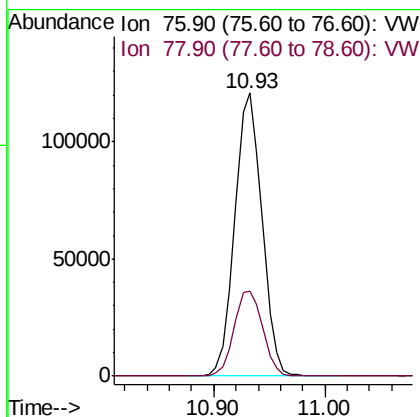
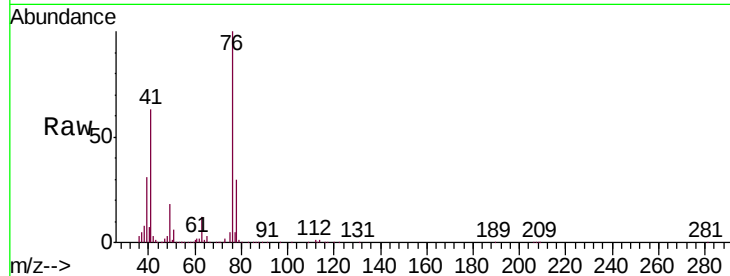




#57
 1,3-Dichloropropane
 Concen: 46.943 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

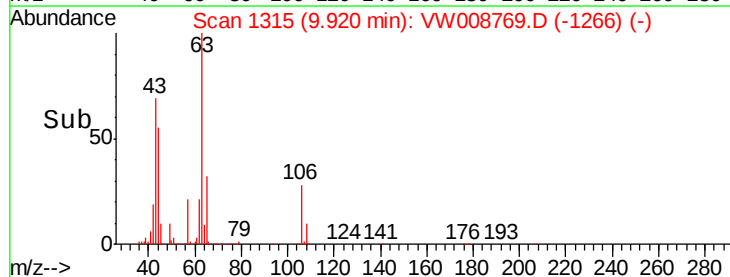
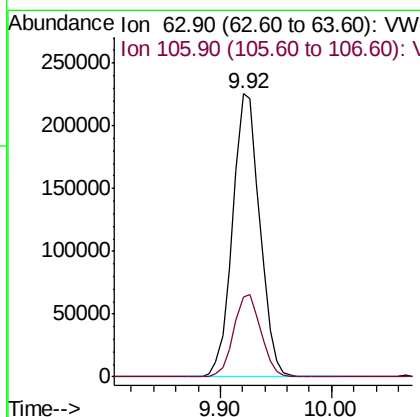
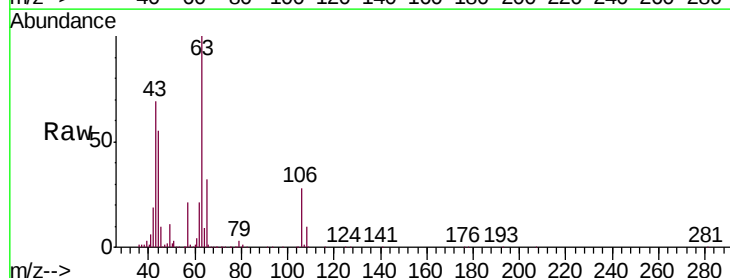
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

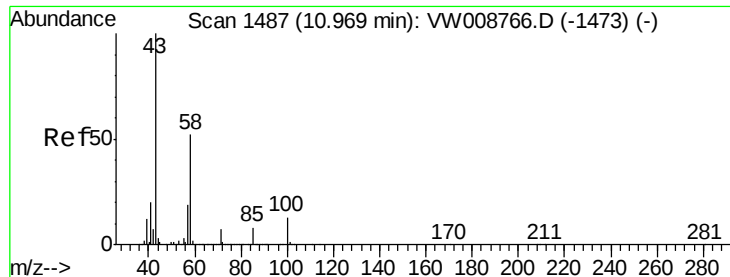
Tgt Ion: 76 Resp: 204276
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.012 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion: 63 Resp: 381702
 Ion Ratio Lower Upper
 63 100
 106 29.1 24.0 36.0

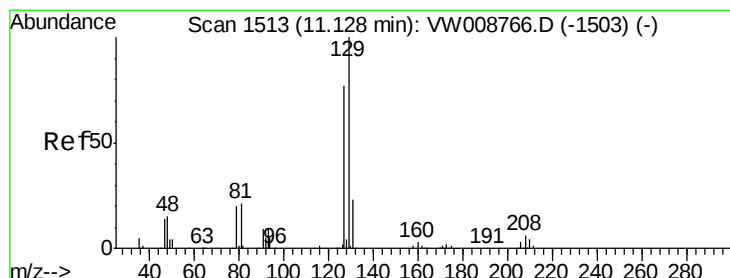
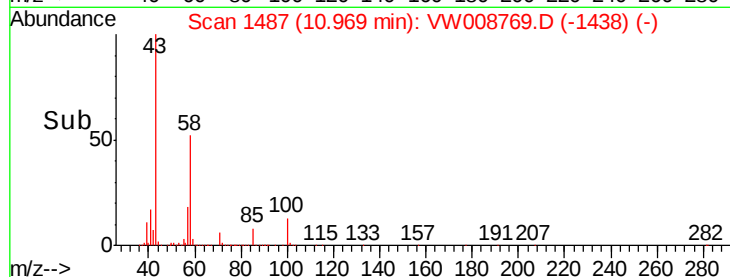
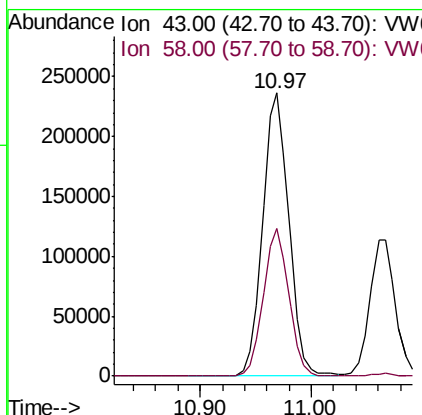
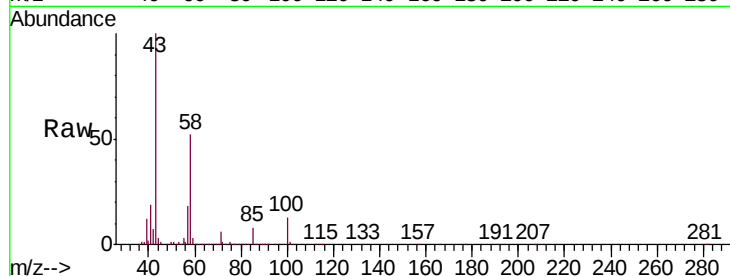




#59
2-Hexanone
Concen: 238.354 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

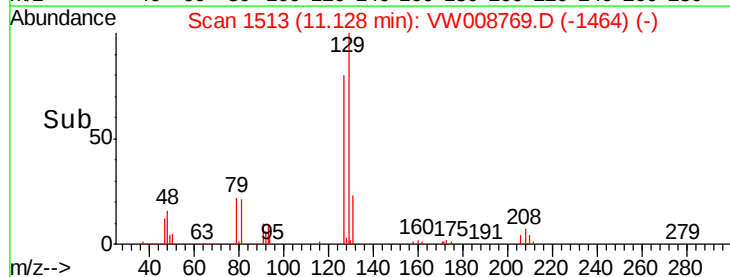
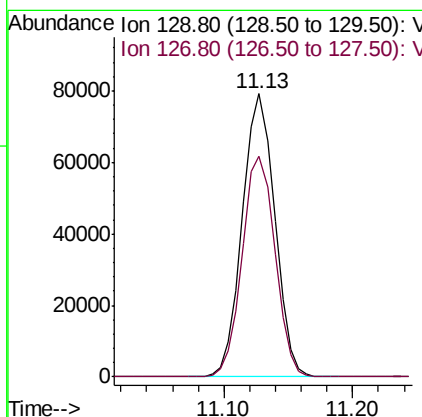
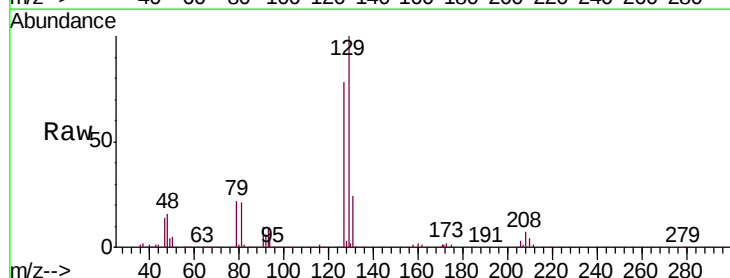
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

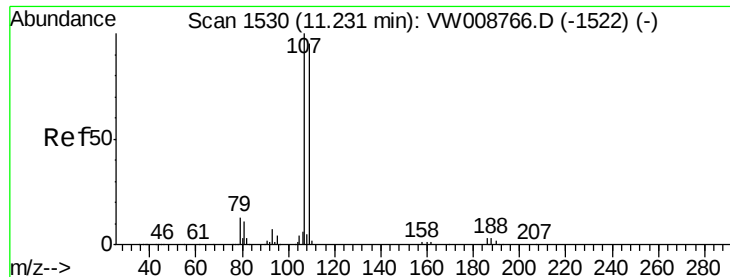
Tgt Ion: 43 Resp: 387149
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.8



#60
Dibromochloromethane
Concen: 46.038 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 129 Resp: 138398
Ion Ratio Lower Upper
129 100
127 78.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 46.077 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

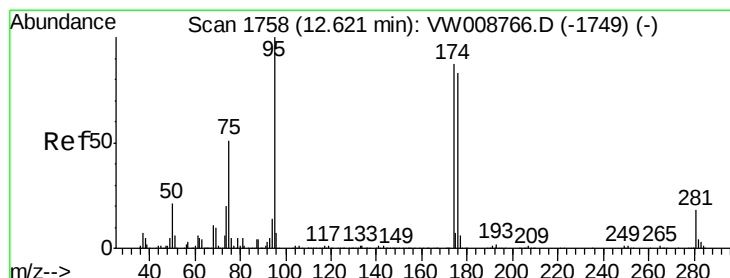
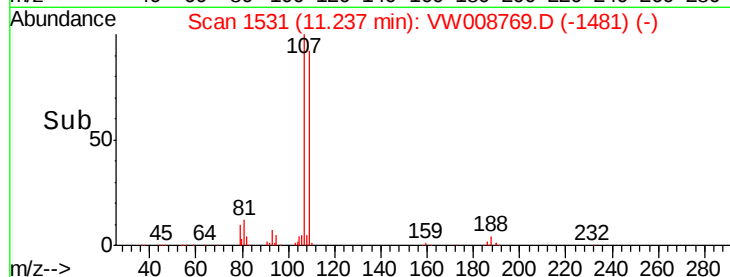
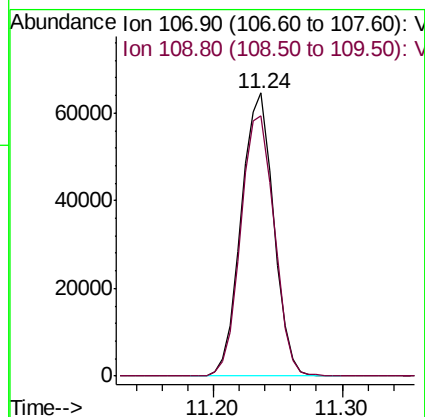
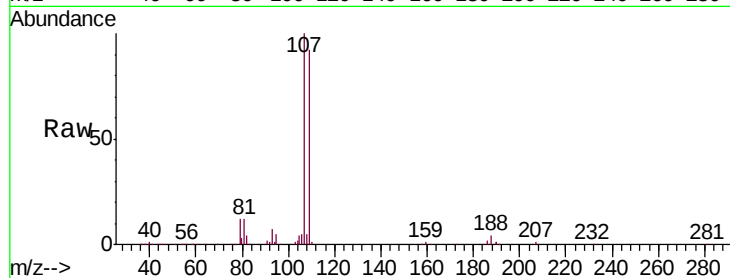
ICVW022119

Tgt Ion: 107 Resp: 112409

Ion Ratio Lower Upper

107 100

109 95.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.790 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

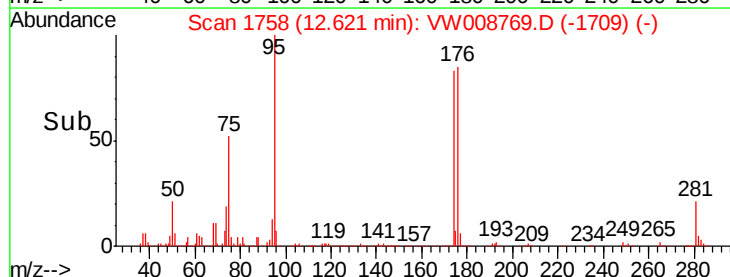
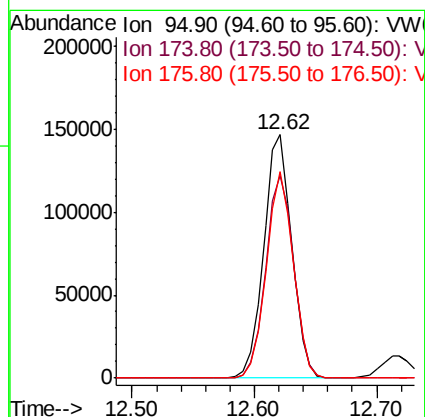
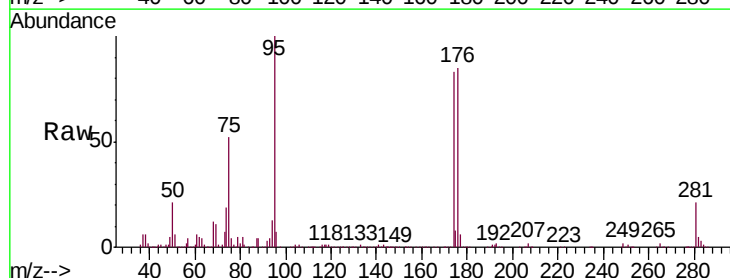
Tgt Ion: 95 Resp: 233810

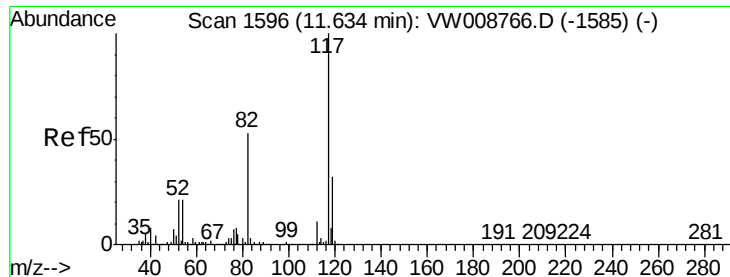
Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.2

176 81.7 0.0 163.6

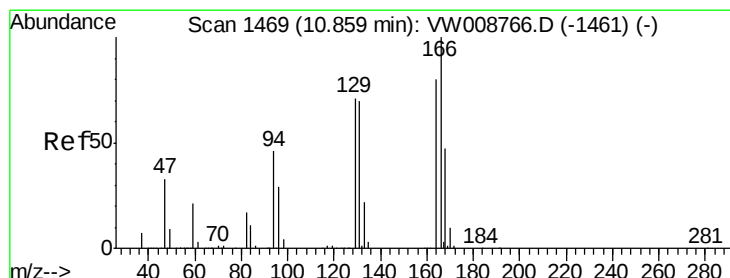
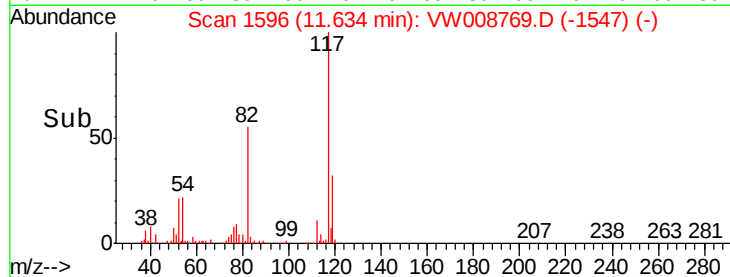
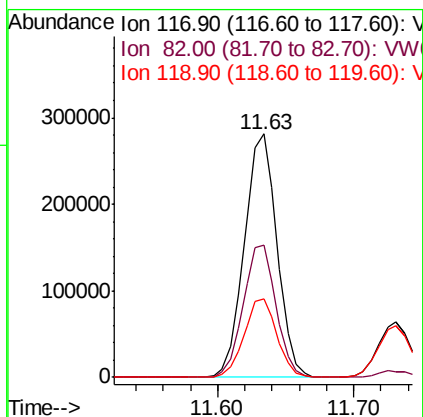
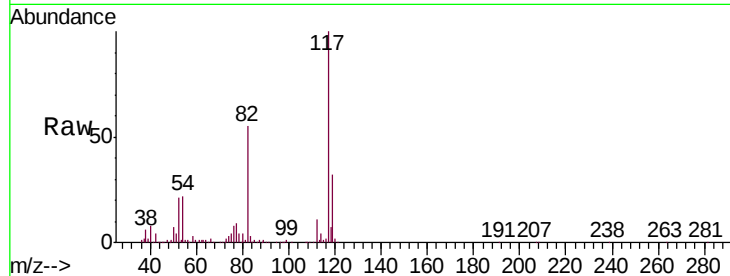




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

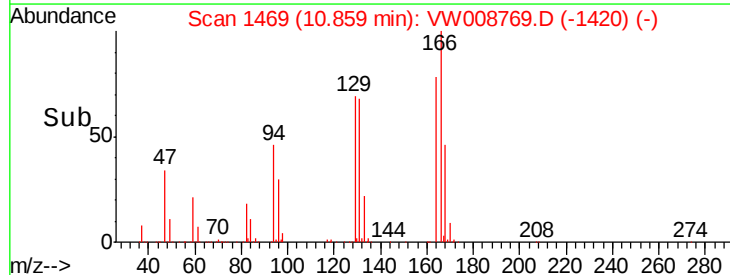
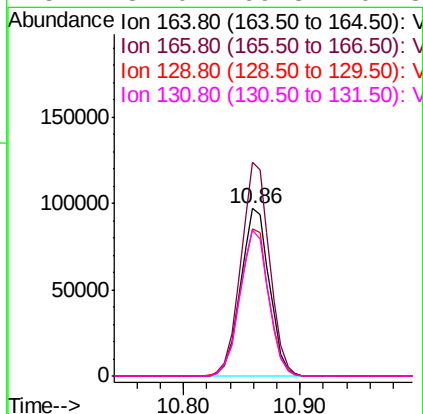
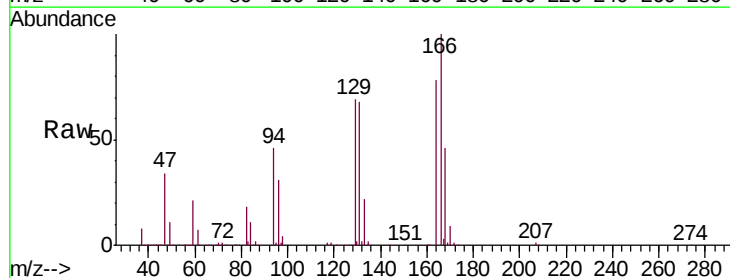
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

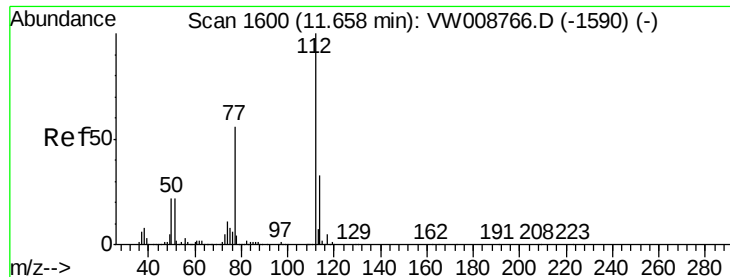
Tgt Ion:	117	Resp:	471661
Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.2	63.4
119	32.2	25.9	38.9



#64
Tetrachloroethene
Concen: 49.385 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion:	164	Resp:	166735
Ion	Ratio	Lower	Upper
164	100		
166	127.7	99.5	149.3
129	88.2	71.1	106.7
131	87.0	69.8	104.8

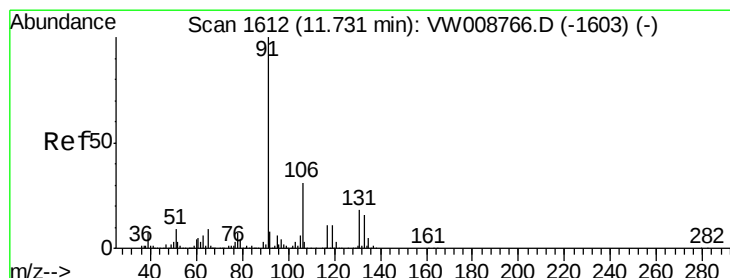
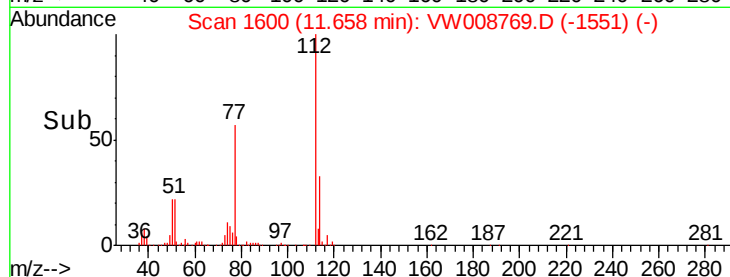
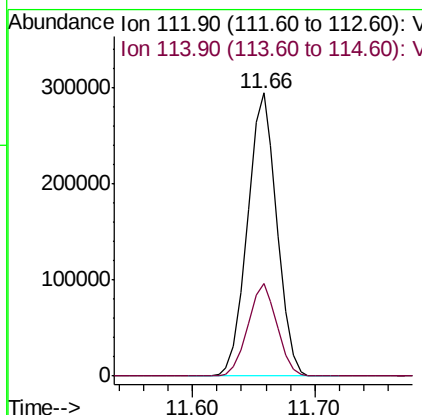
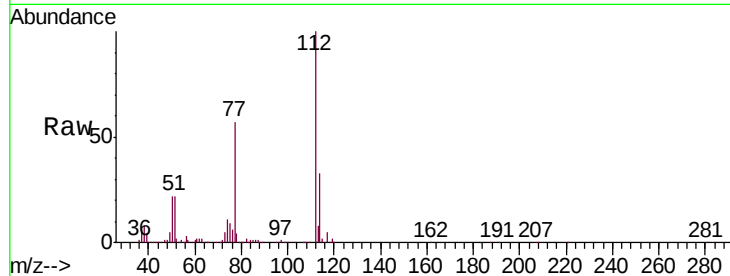




#65
Chlorobenzene
Concen: 49.462 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

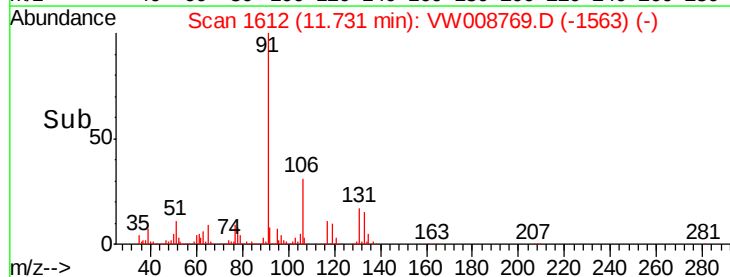
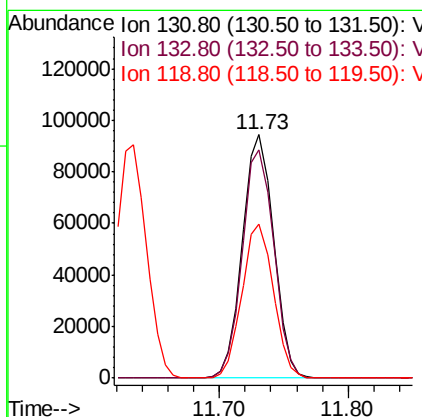
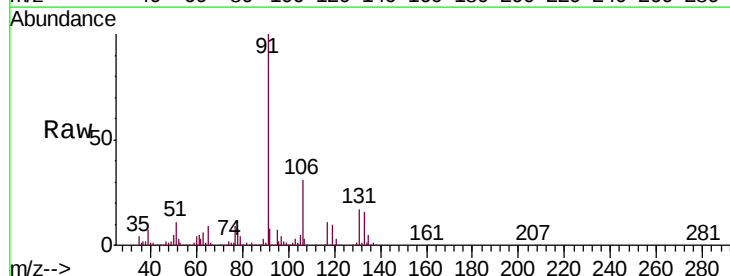
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

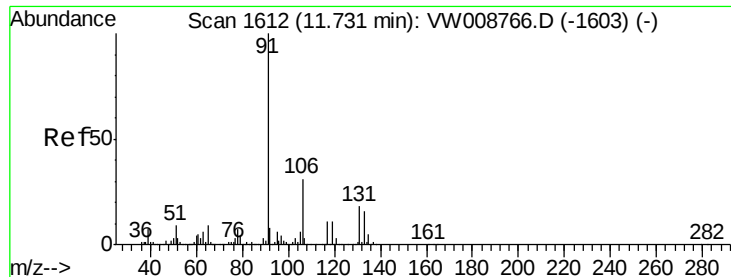
Tgt Ion:112 Resp: 490545
Ion Ratio Lower Upper
112 100
114 32.7 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.294 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion:131 Resp: 158595
Ion Ratio Lower Upper
131 100
133 94.6 46.7 140.0
119 63.5 30.8 92.4





#67

Ethyl Benzene

Concen: 51.234 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

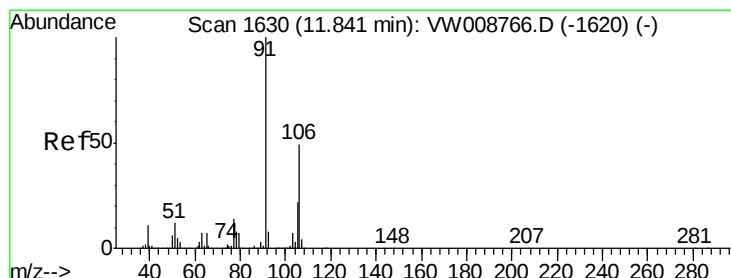
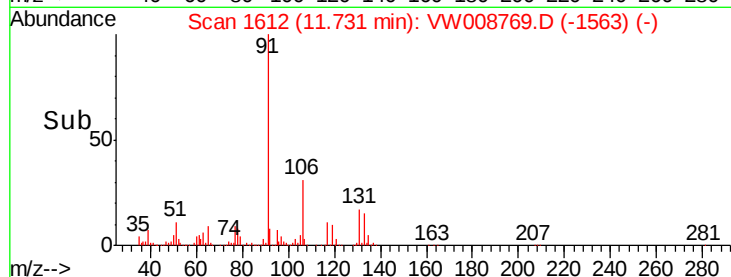
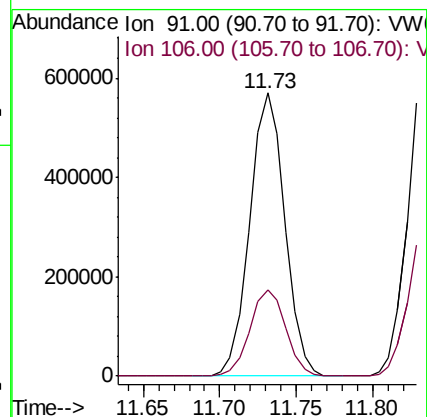
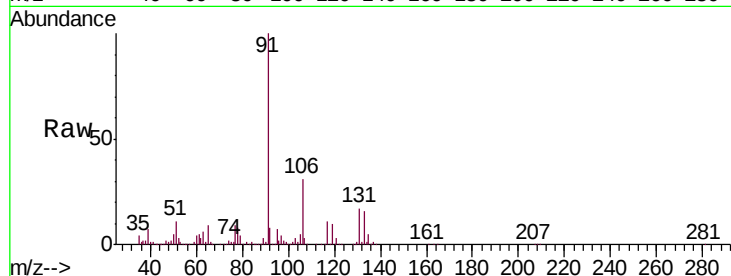
ICVW022119

Tgt Ion: 91 Resp: 908350

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6



#68

m/p-Xylenes

Concen: 101.706 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW008769.D

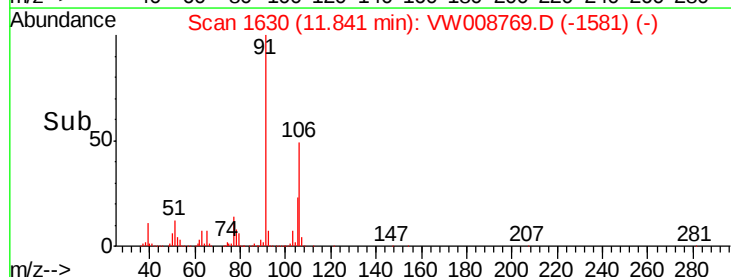
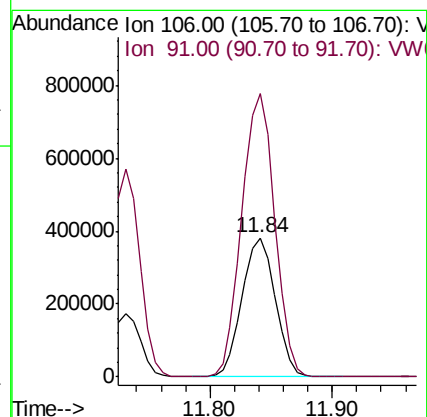
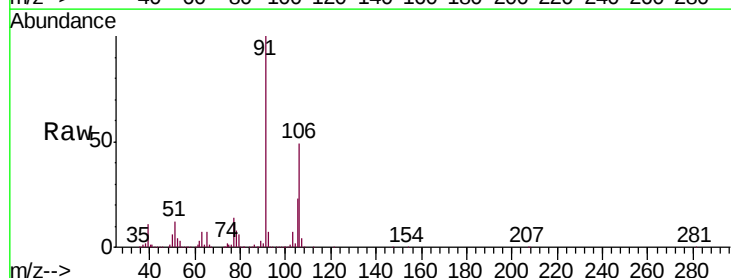
Acq: 21 Feb 2019 13:31

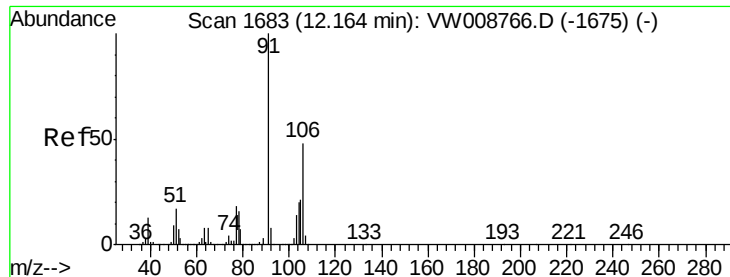
Tgt Ion: 106 Resp: 720464

Ion Ratio Lower Upper

106 100

91 202.3 161.5 242.3

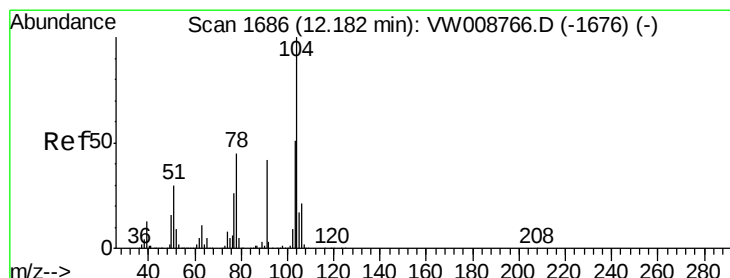
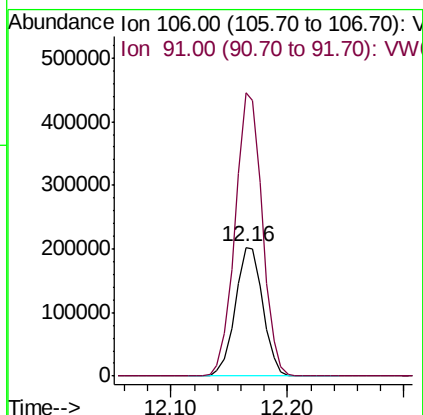
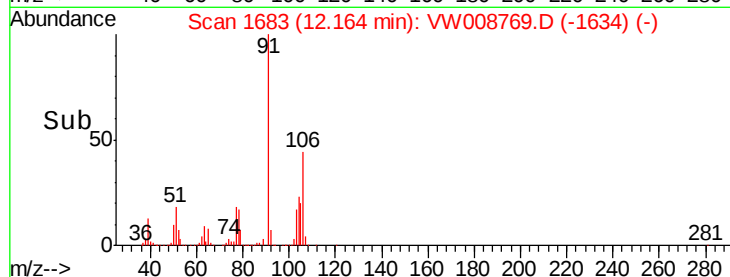
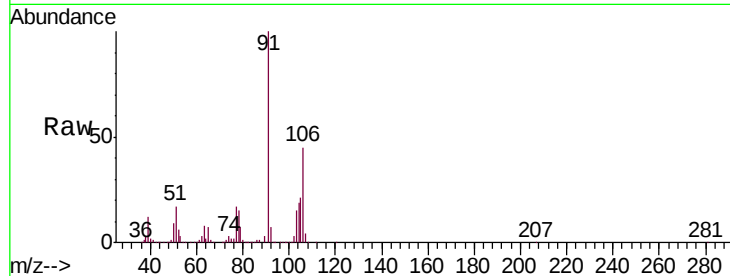




#69
o-Xylene
Concen: 50.317 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

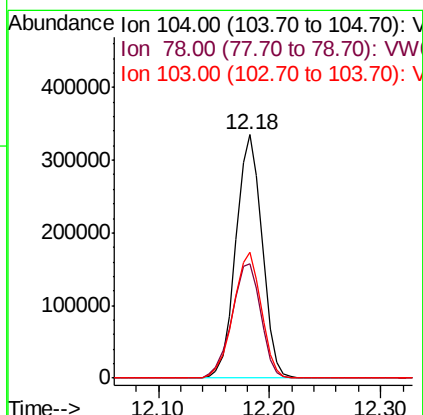
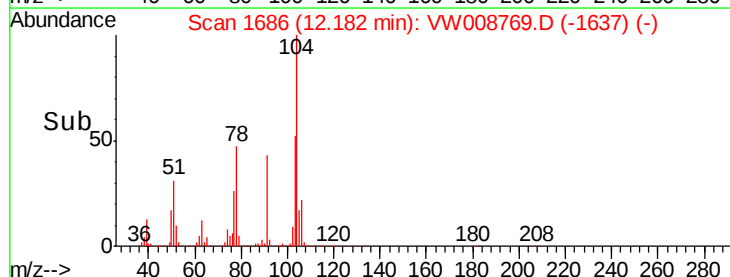
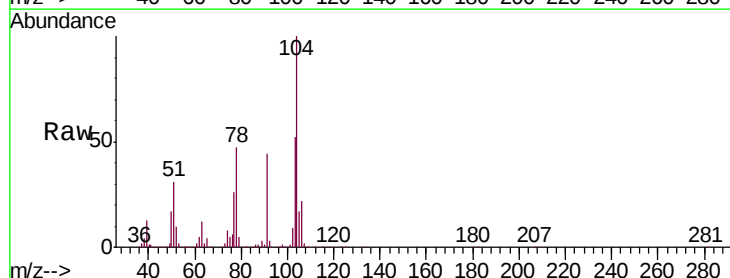
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

Tgt Ion:106 Resp: 334553
Ion Ratio Lower Upper
106 100
91 216.0 106.2 318.6



#70
Styrene
Concen: 51.016 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion:104 Resp: 545724
Ion Ratio Lower Upper
104 100
78 52.1 40.8 61.2
103 55.2 44.2 66.2

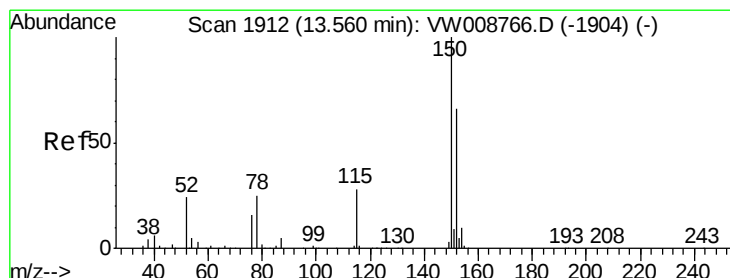
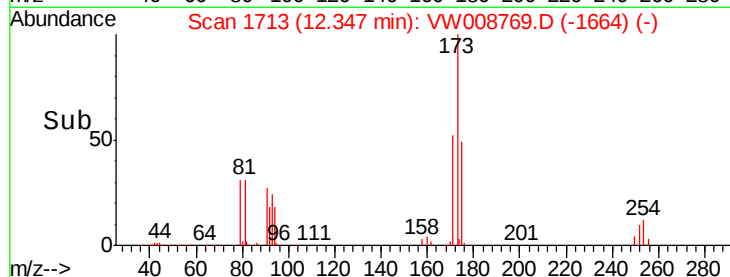
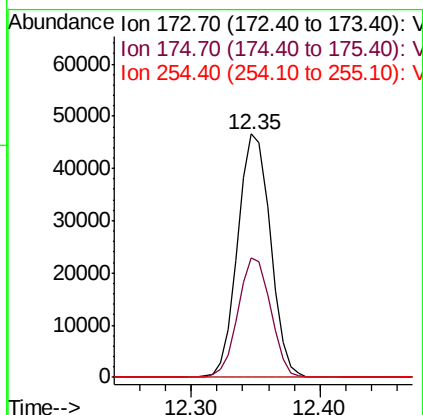
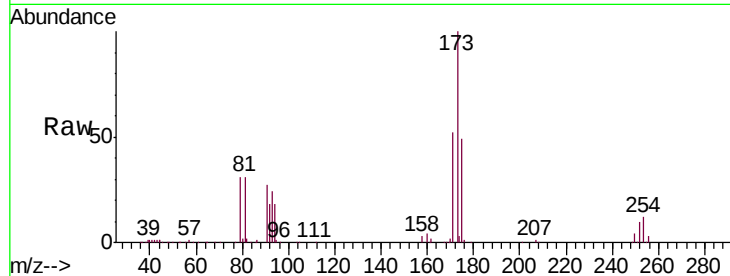




#71
Bromoform
Concen: 45.491 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

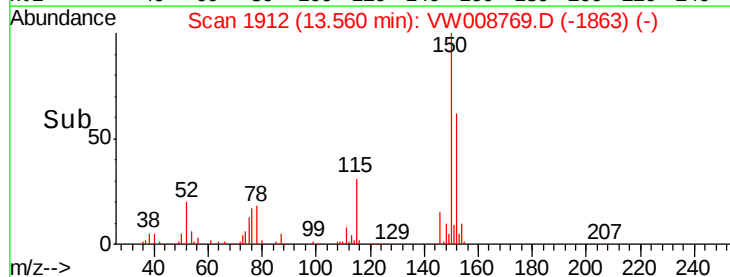
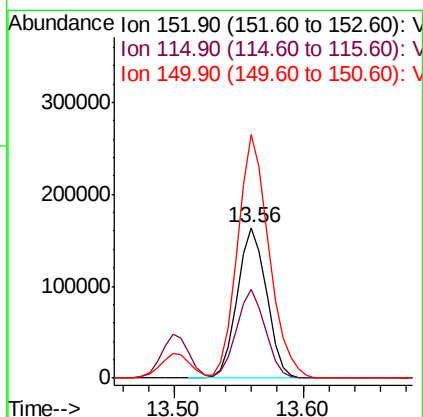
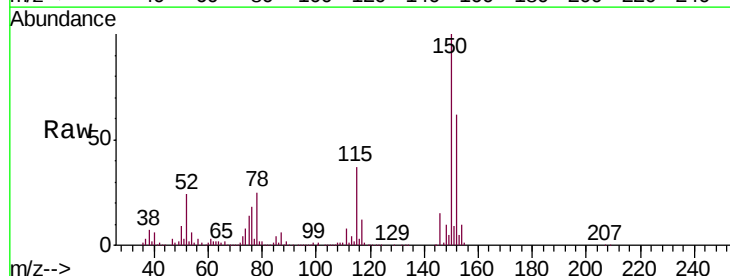
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

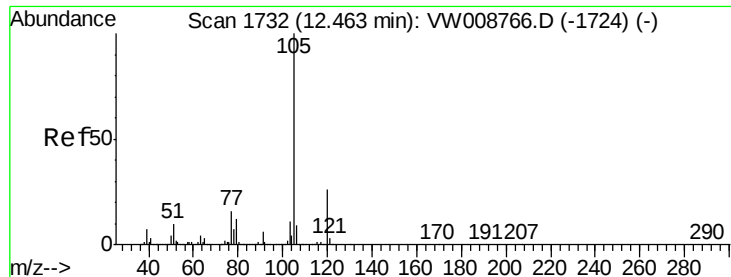
Tgt Ion:173 Resp: 82001
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.2 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion:152 Resp: 256570
Ion Ratio Lower Upper
152 100
115 58.0 28.6 85.8
150 174.0 0.0 348.0





#73

Isopropylbenzene

Concen: 53.315 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

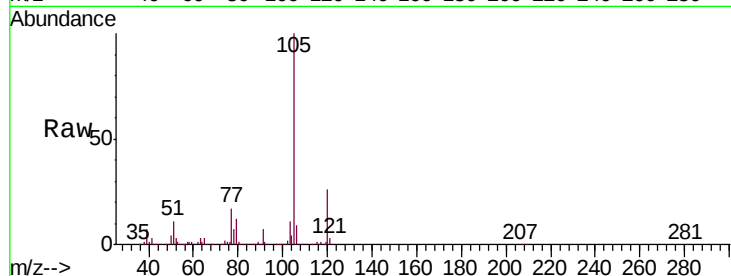
ICVW022119

Tgt Ion: 105 Resp: 937754

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

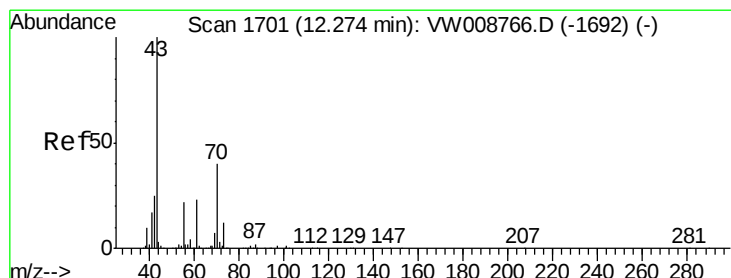
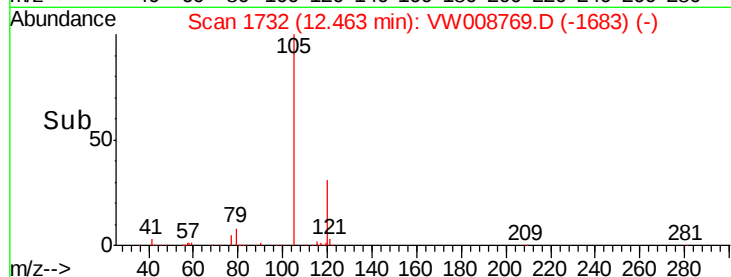
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.934 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Tgt Ion: 43 Resp: 221232

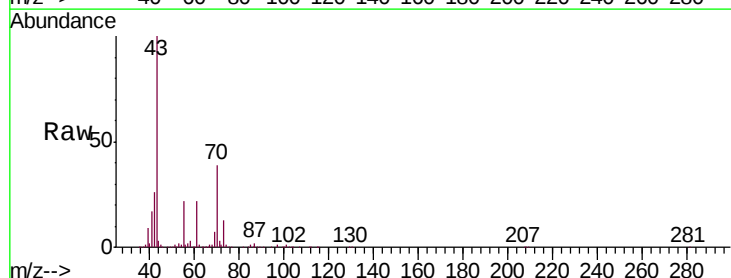
Ion Ratio Lower Upper

43 100

70 38.7 31.0 46.6

55 22.5 18.7 28.1

61 21.6 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

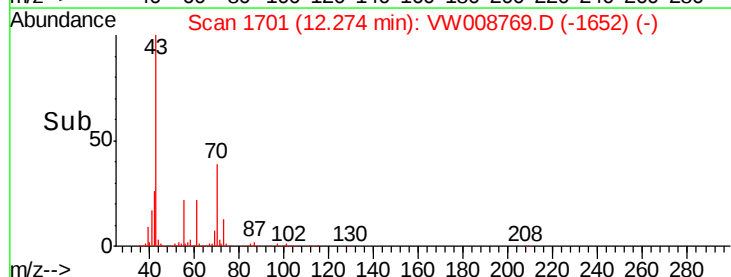
150000

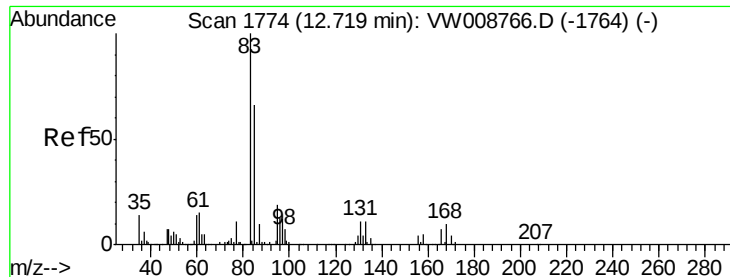
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.563 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

ICVW022119

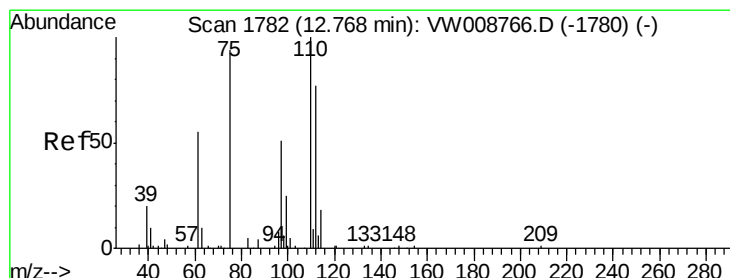
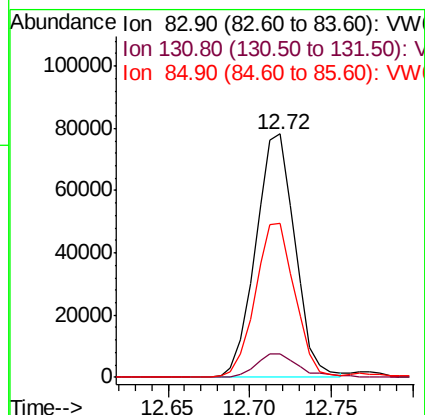
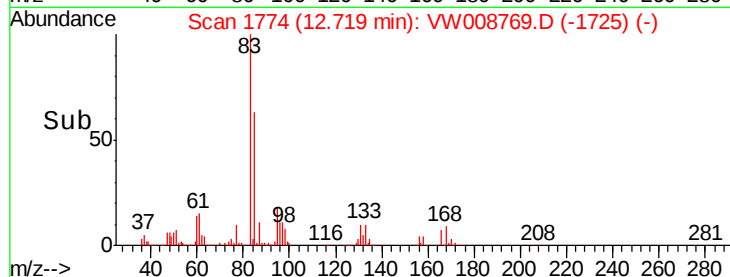
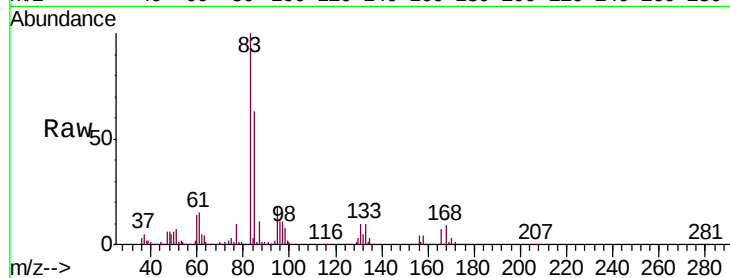
Tgt Ion: 83 Resp: 130947

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

85 63.8 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 90.221 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008769.D

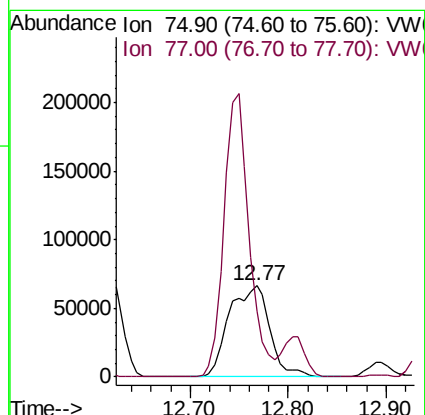
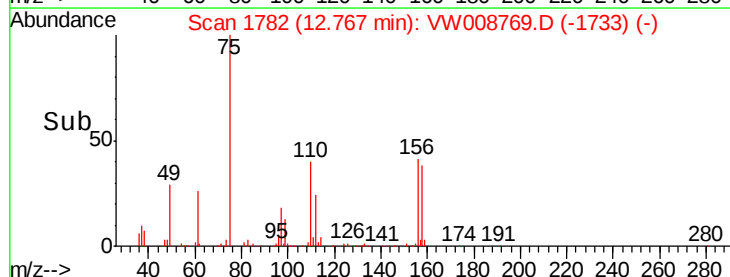
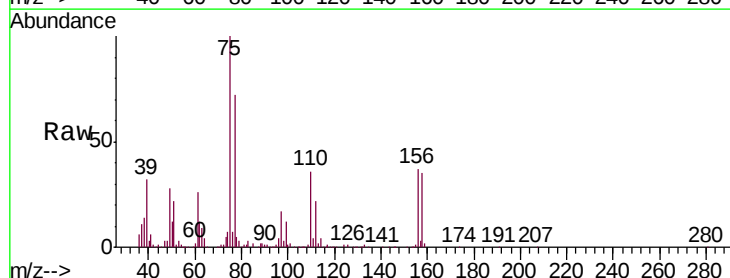
Acq: 21 Feb 2019 13:31

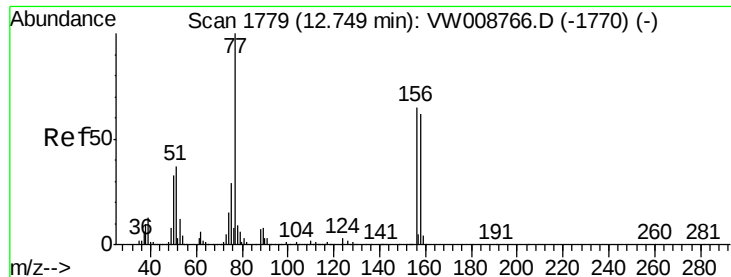
Tgt Ion: 75 Resp: 191117

Ion Ratio Lower Upper

75 100

77 193.5 0.0 0.0#





#77

Bromobenzene

Concen: 50.030 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

ICVW022119

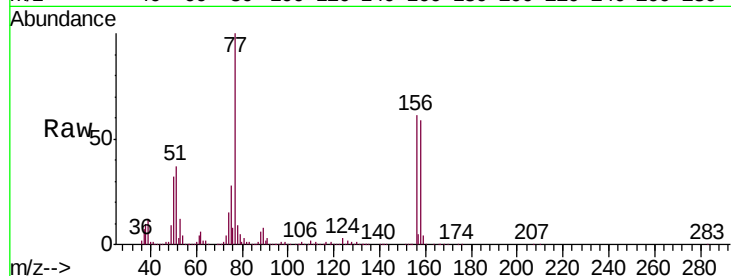
Tgt Ion:156 Resp: 207948

Ion Ratio Lower Upper

156 100

77 177.9 89.1 267.4

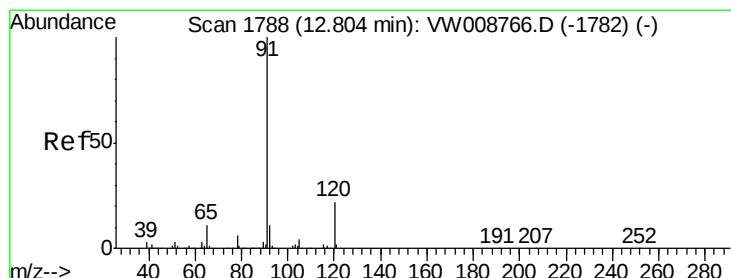
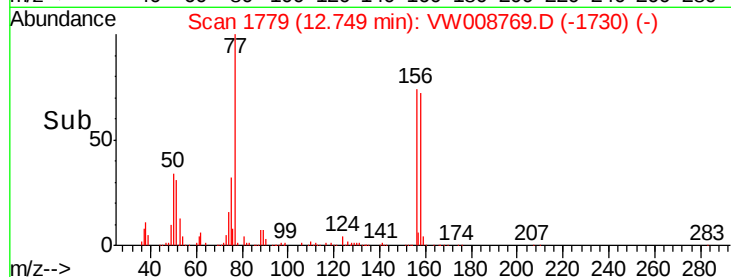
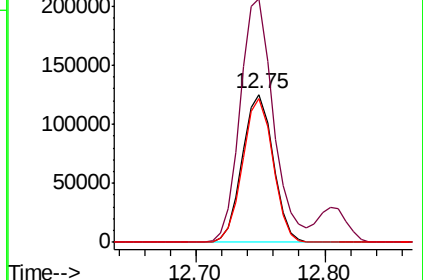
158 95.3 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.032 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008769.D

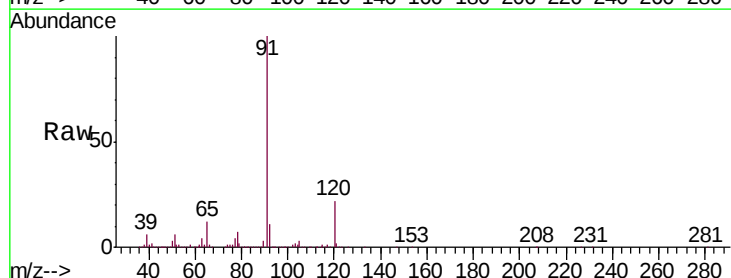
Acq: 21 Feb 2019 13:31

Tgt Ion: 91 Resp: 1140998

Ion Ratio Lower Upper

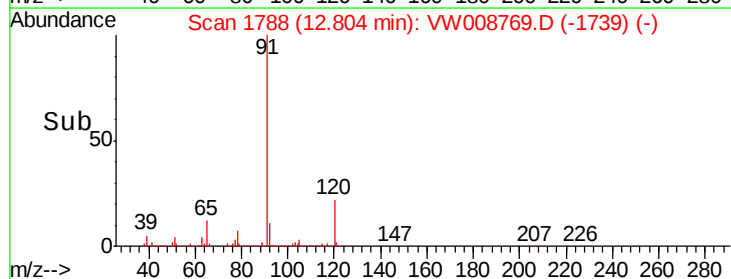
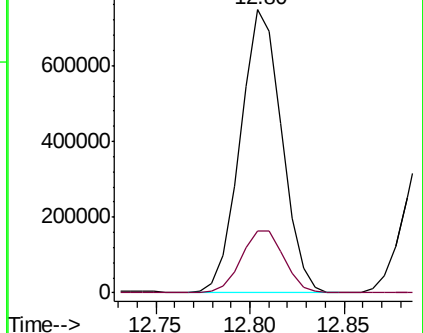
91 100

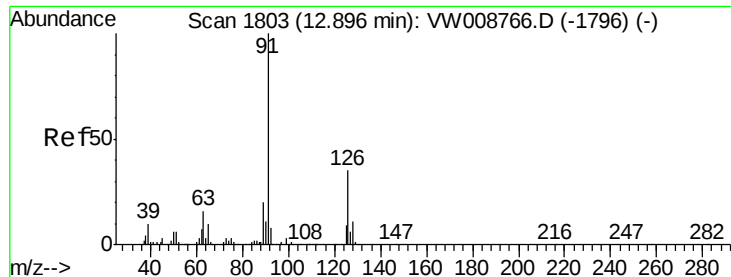
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

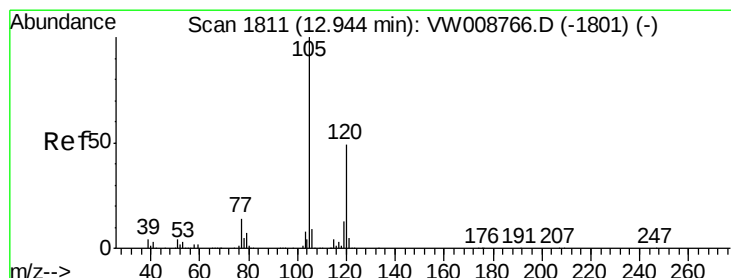
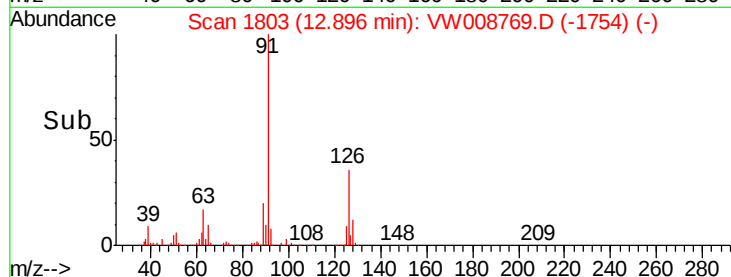
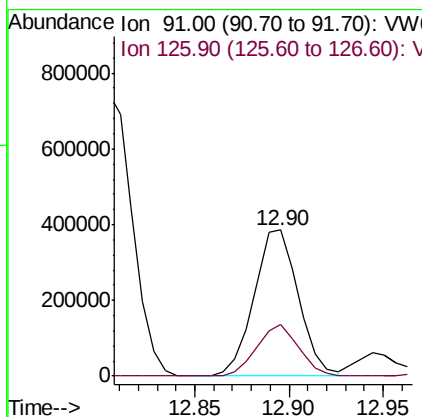
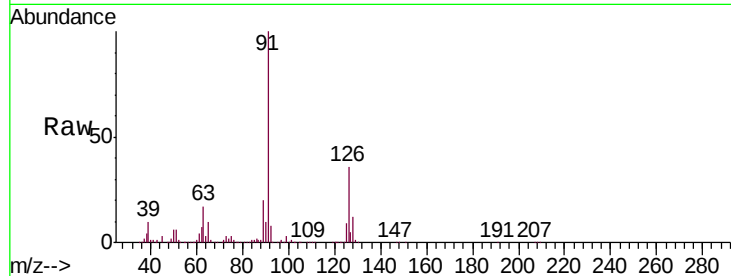




#79
 2-Chlorotoluene
 Concen: 51.458 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

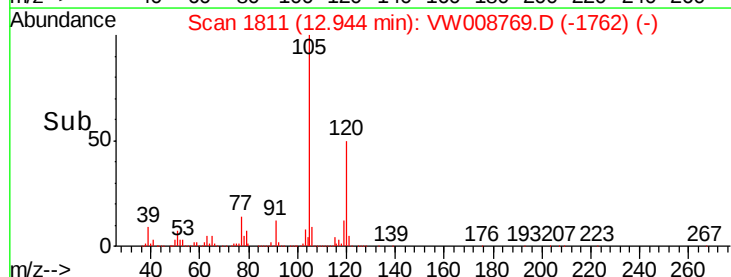
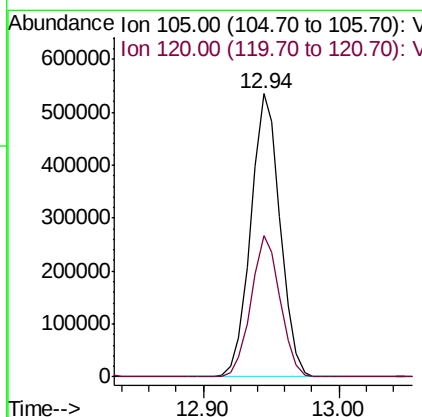
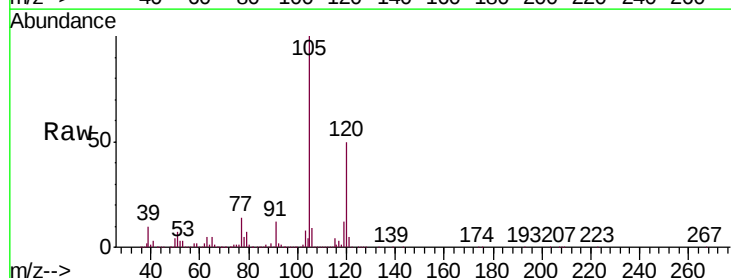
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

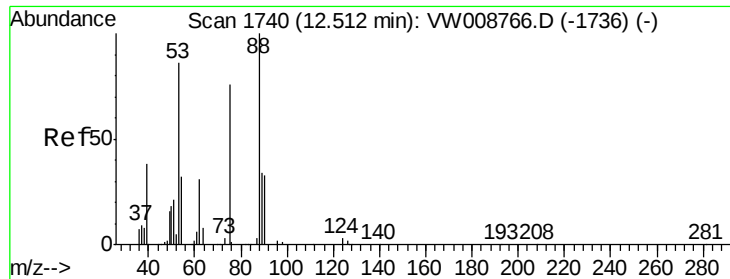
Tgt Ion: 91 Resp: 628585
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.854 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion: 105 Resp: 807884
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.4

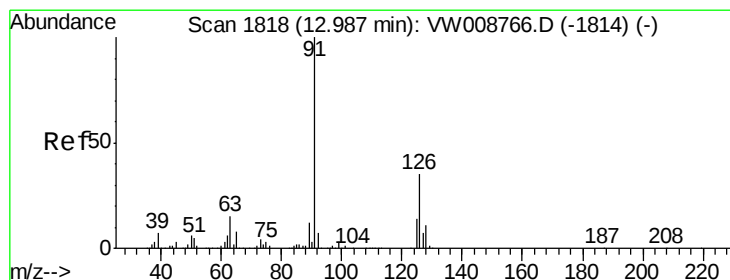
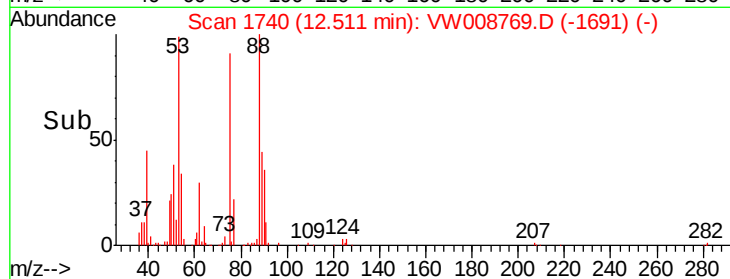
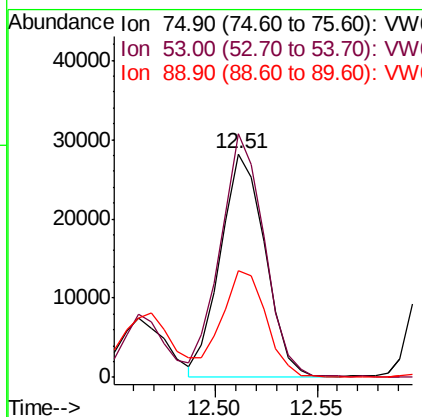
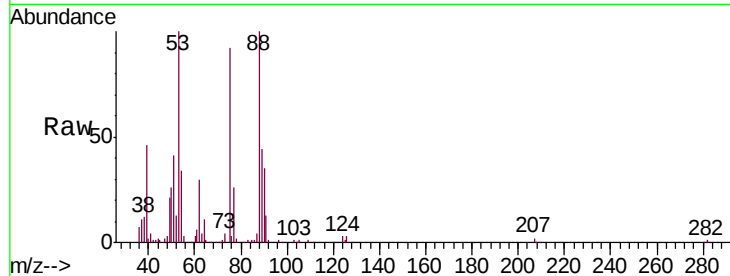




#81
trans-1,4-Dichloro-2-butene
Concen: 48.667 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

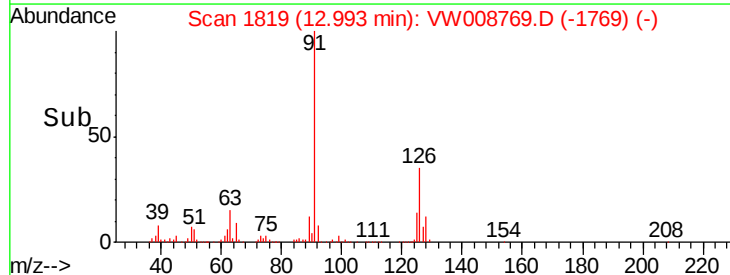
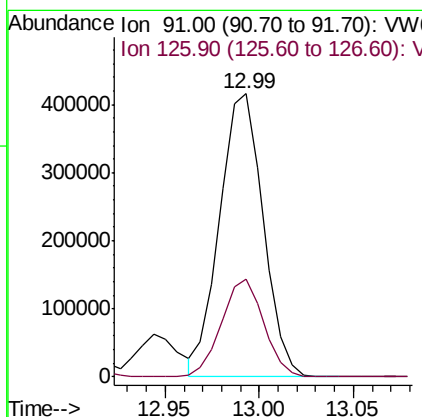
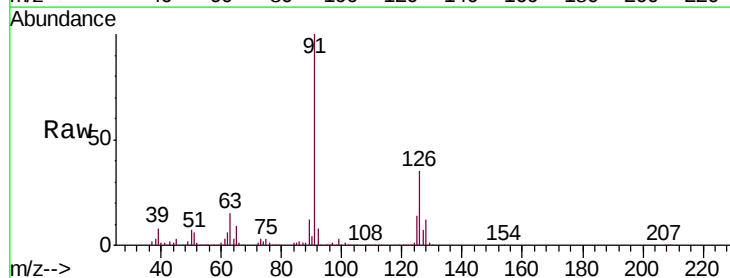
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

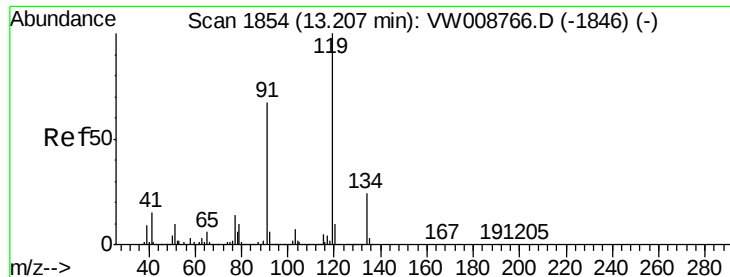
Tgt Ion: 75 Resp: 42406
Ion Ratio Lower Upper
75 100
53 108.6 88.2 132.2
89 49.2 39.5 59.3



#82
4-Chlorotoluene
Concen: 51.813 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 91 Resp: 666971
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6

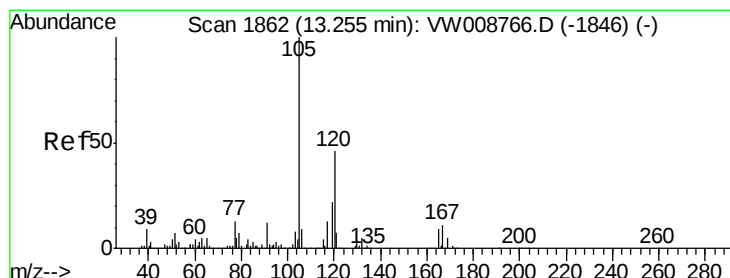
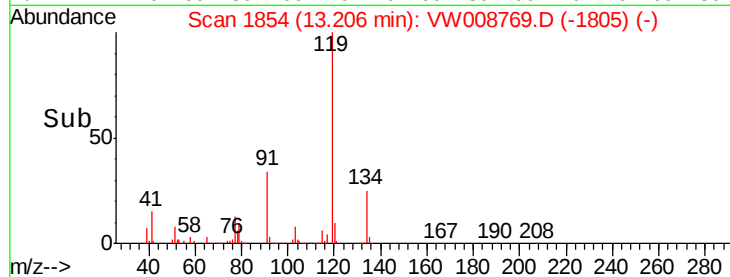
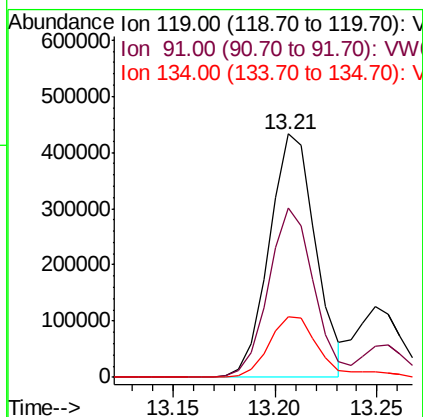
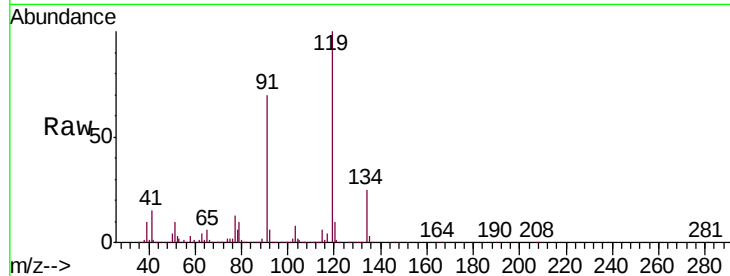




#83
tert-Butylbenzene
Concen: 51.956 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

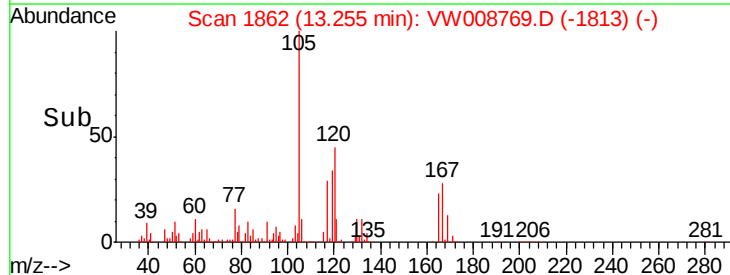
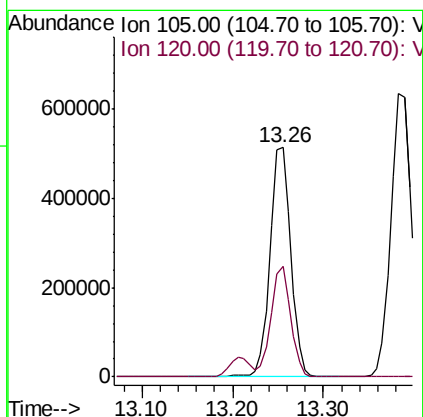
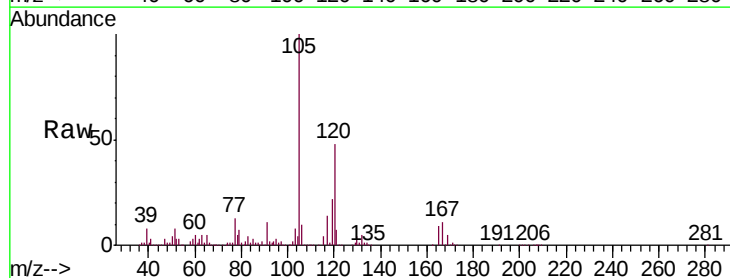
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

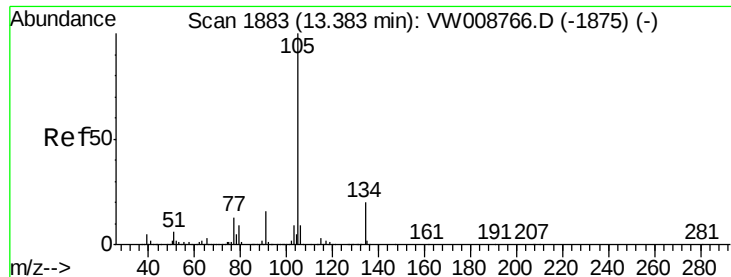
Tgt Ion:119 Resp: 686675
Ion Ratio Lower Upper
119 100
91 68.3 33.6 100.8
134 27.6 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 51.566 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion:105 Resp: 815910
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4

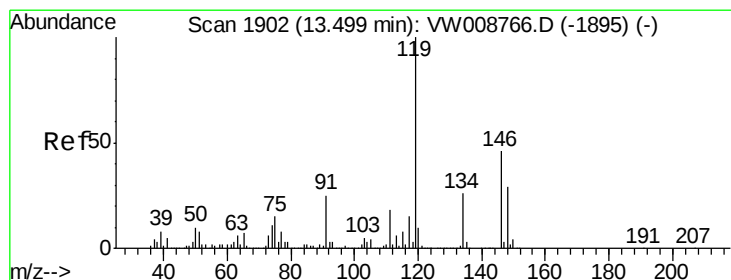
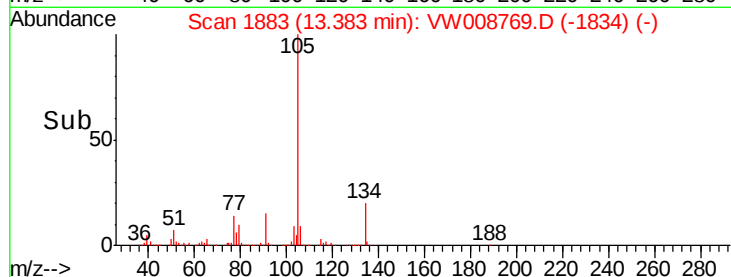
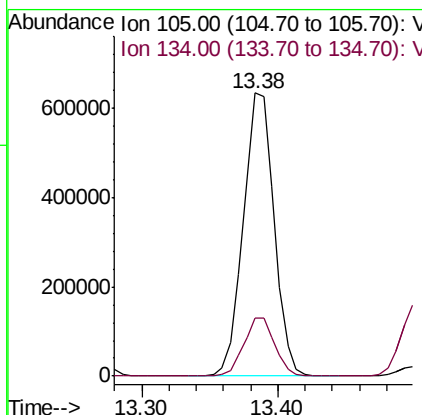
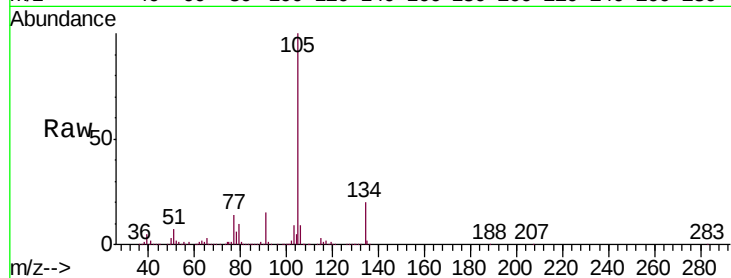




#85
 sec-Butylbenzene
 Concen: 52.835 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

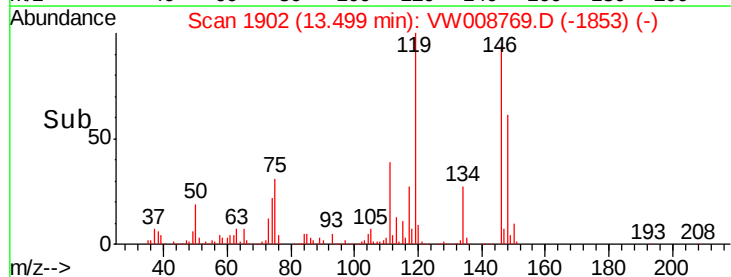
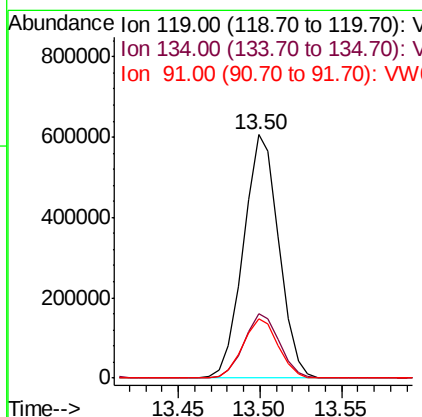
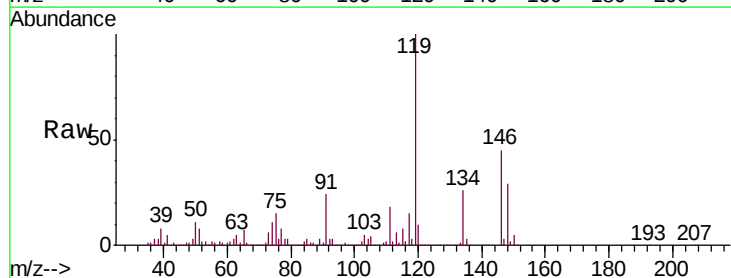
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

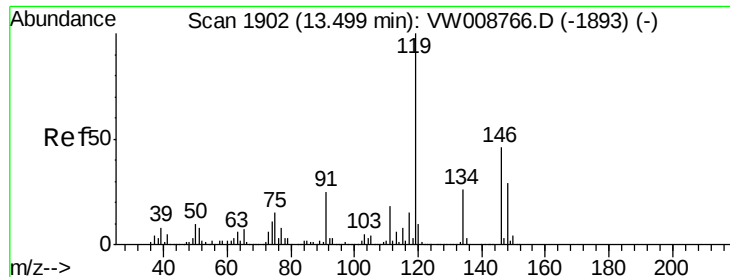
Tgt Ion:105 Resp: 1004079
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.412 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion:119 Resp: 913102
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.3 12.1 36.3

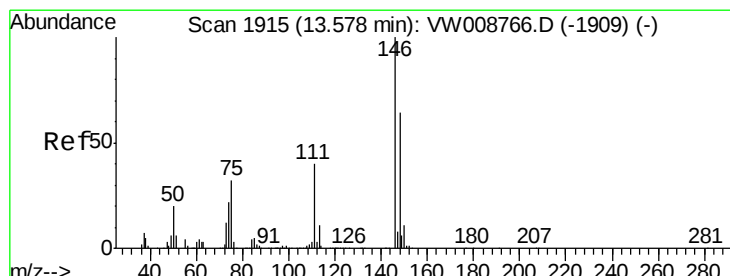
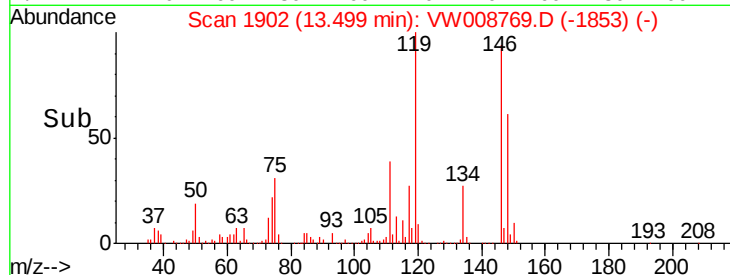
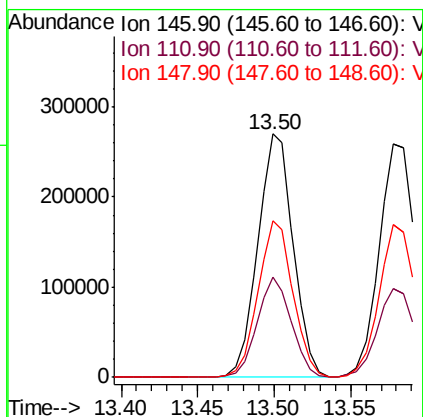
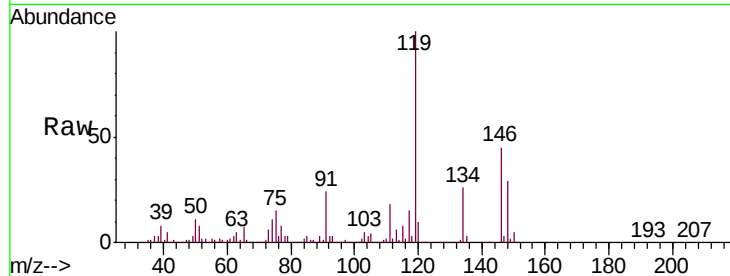




#87
 1,3-Dichlorobenzene
 Concen: 50.413 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

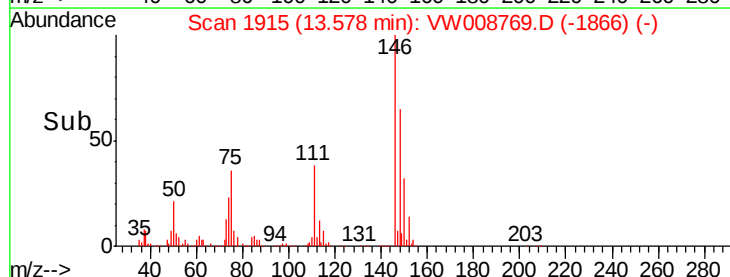
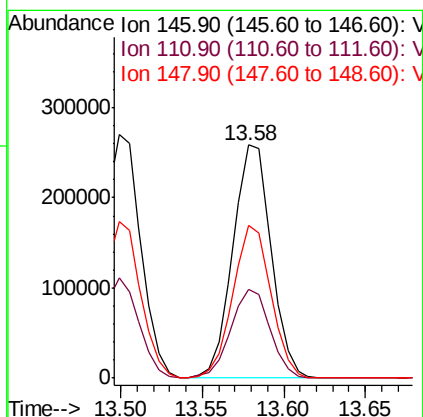
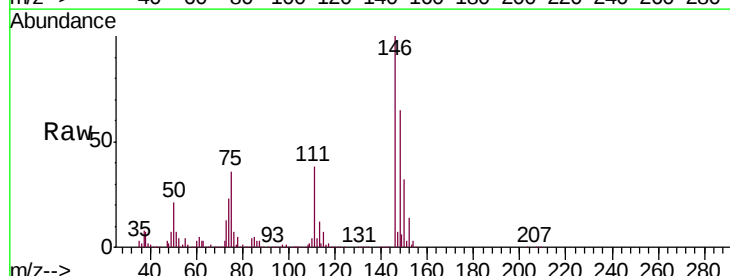
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

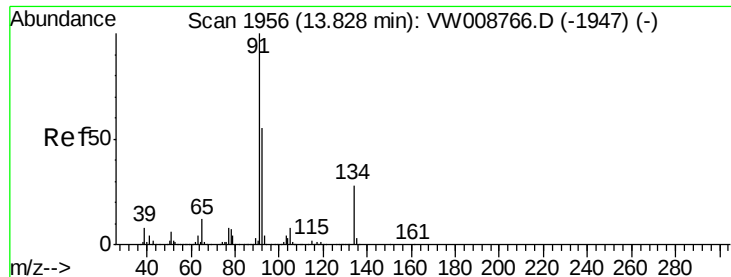
Tgt Ion:146 Resp: 434744
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 63.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 49.858 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion:146 Resp: 423756
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 65.2 31.9 95.9

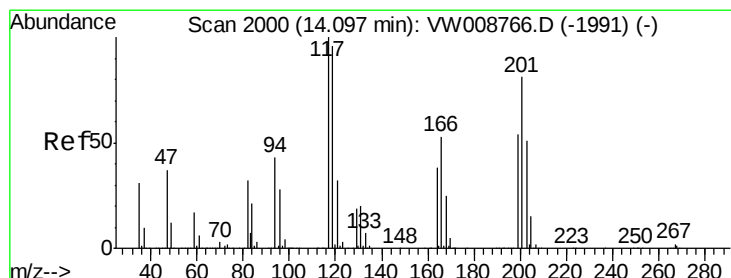
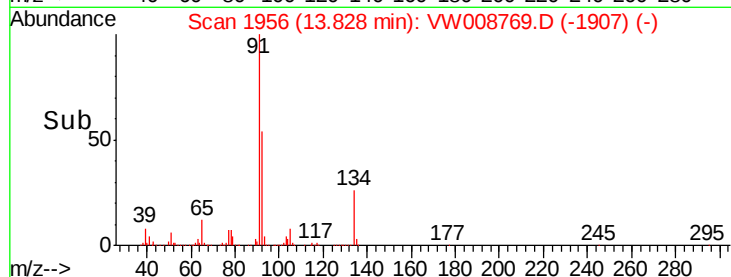
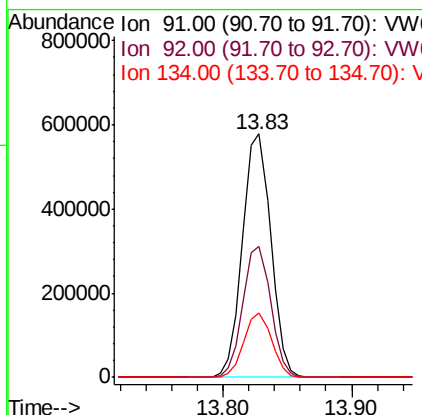
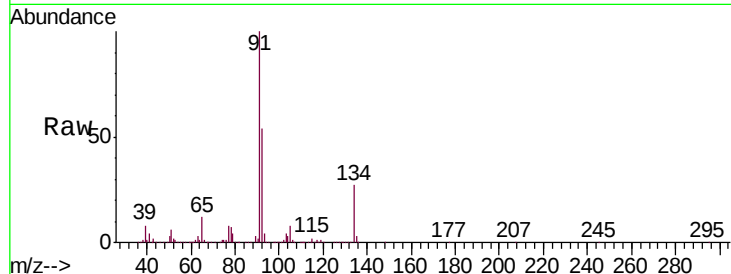




#89
n-Butylbenzene
Concen: 53.921 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

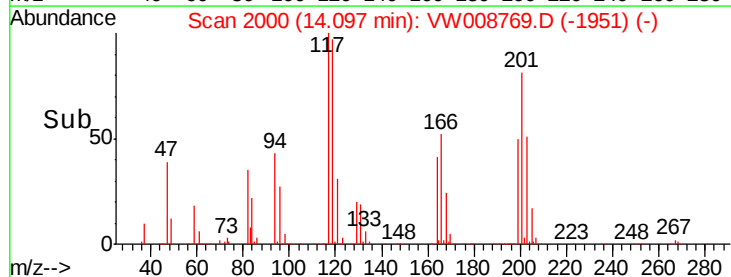
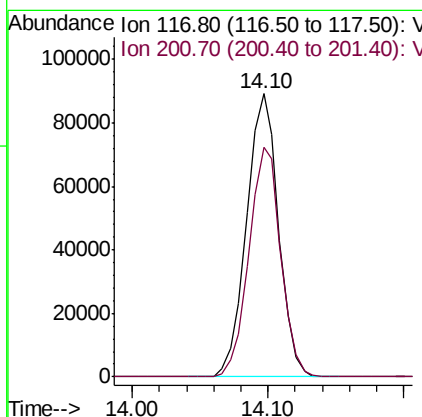
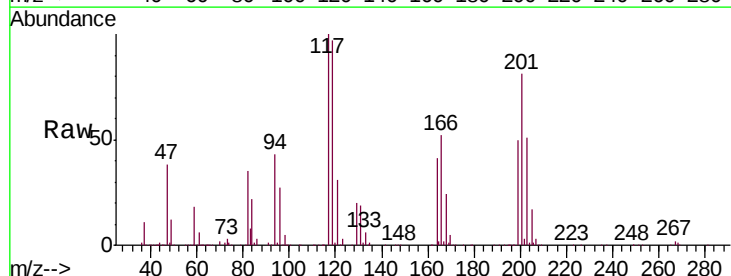
Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

Tgt Ion: 91 Resp: 880065
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.4
134 26.0 13.5 40.4



#90
Hexachloroethane
Concen: 51.398 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion: 117 Resp: 146587
Ion Ratio Lower Upper
117 100
201 80.9 40.3 120.8

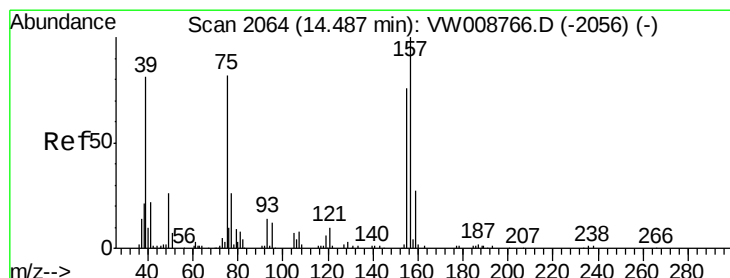
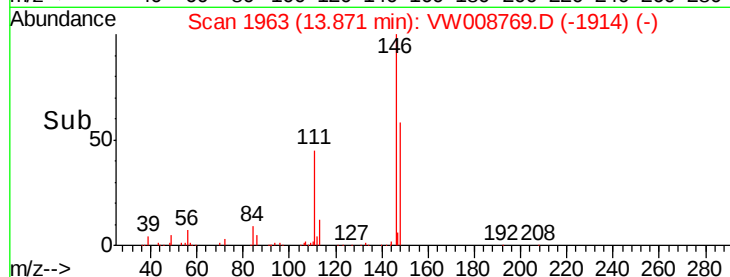
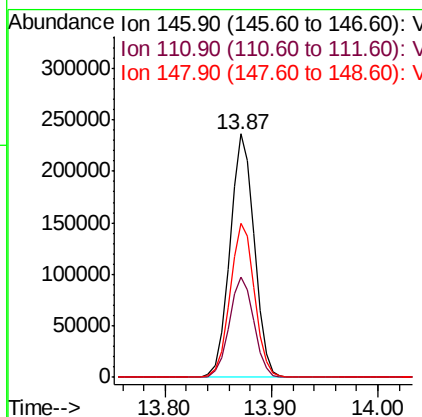
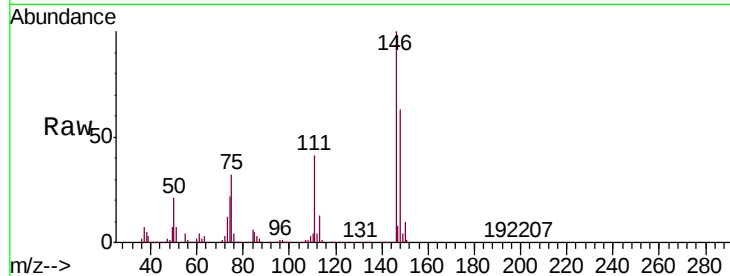




#91
 1,2-Dichlorobenzene
 Concen: 49.055 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

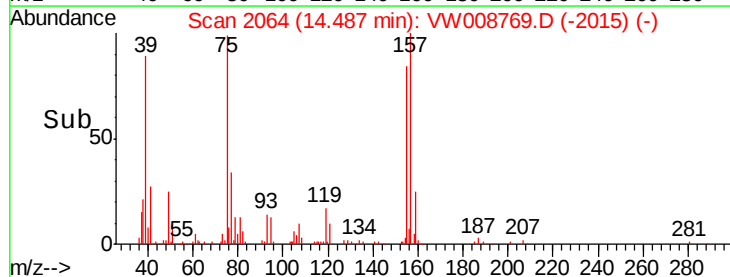
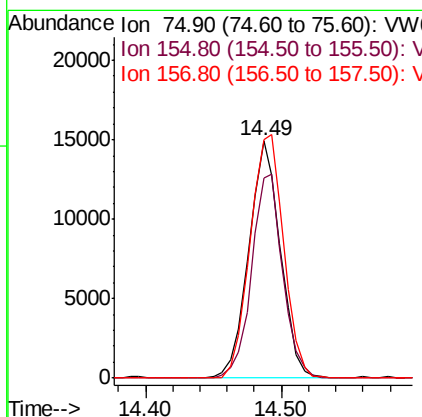
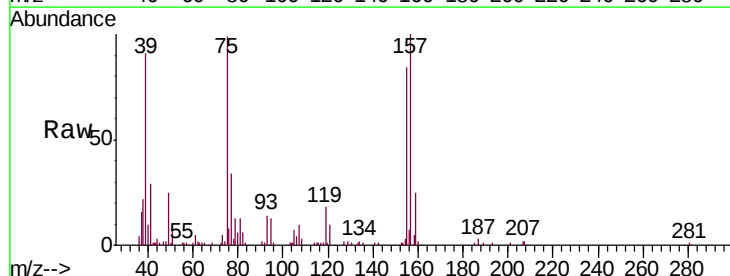
Instrument :
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 ClientSampleId :
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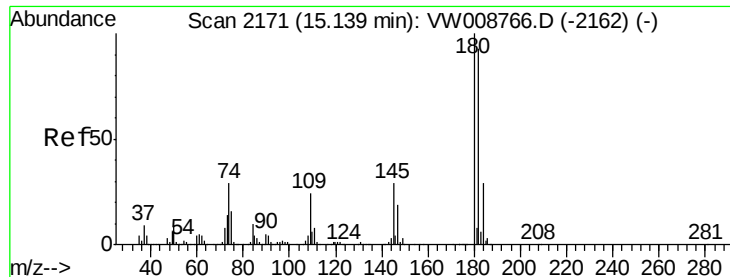
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	60.8
148	63.5	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.759 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	41.8	125.4
157	108.7	56.6	169.9

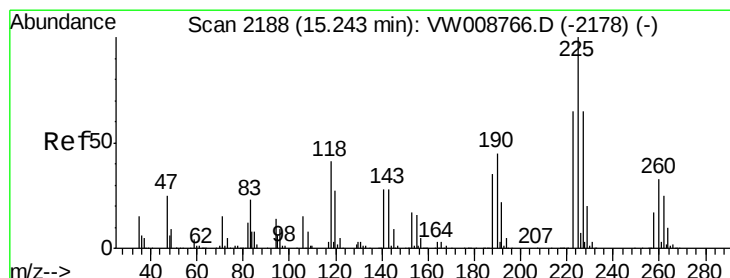
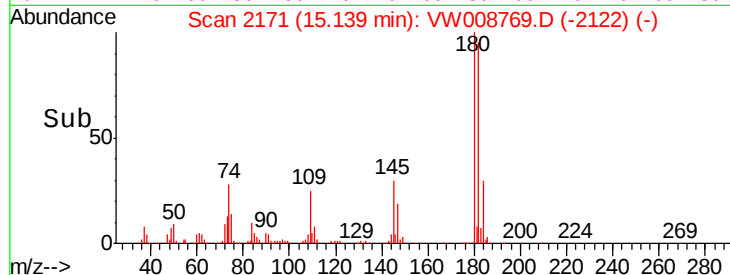
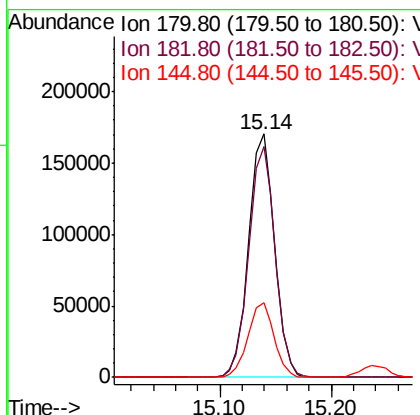
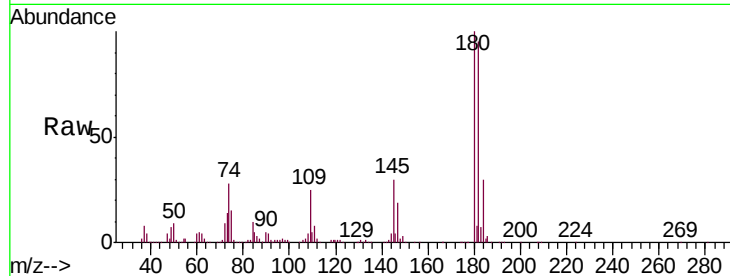




#93
 1,2,4-Trichlorobenzene
 Concen: 49.926 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

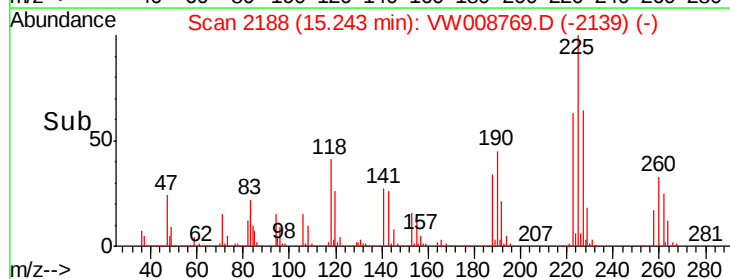
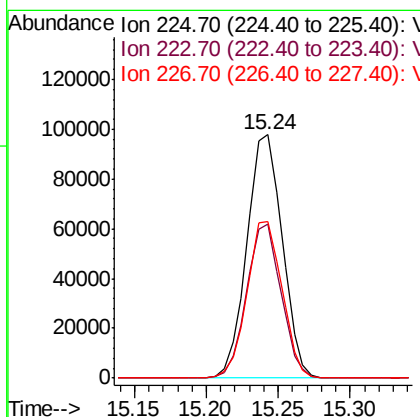
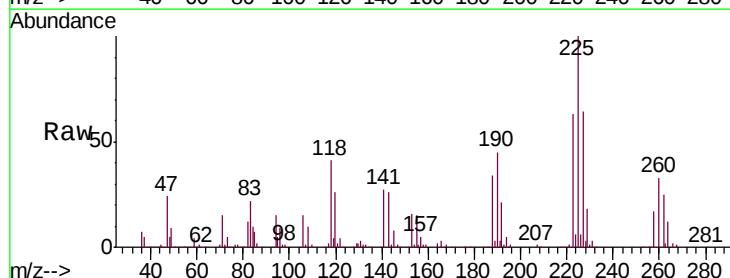
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW022119

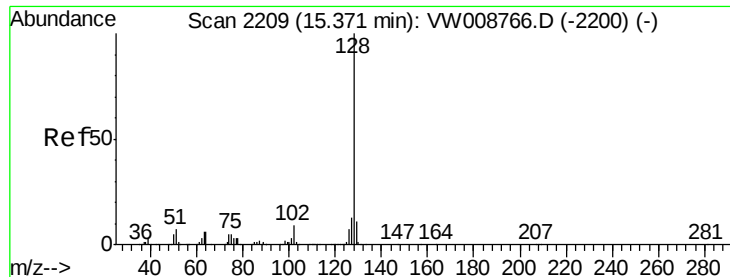
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	30.9	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 50.917 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008769.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.5	94.5
227	63.7	31.6	94.8

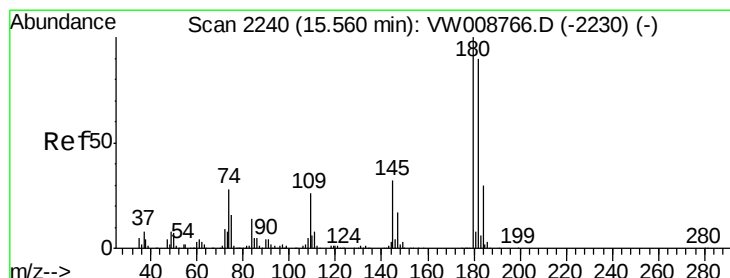
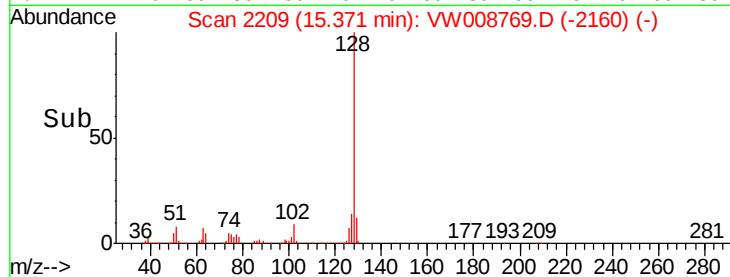
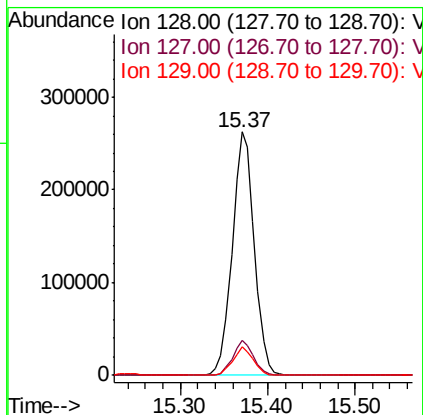
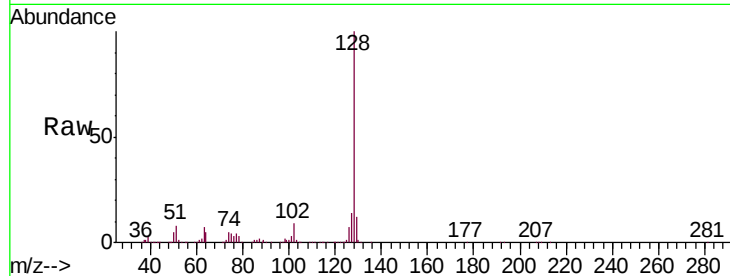




#95
Naphthalene
Concen: 48.631 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Instrument :
MSVOA_W
ClientSampleId :
ICVW022119

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.918 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008769.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.8
145	32.0	15.9	47.6

