

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005205.D
 Acq On : 07 Sep 2018 13:34
 Operator : SY/AP
 Sample : VW0907SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 07 14:53:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	461120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	657358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	652603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	193794	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
35) Dibromofluoromethane	7.89	113	190186	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	10.33	98	935961	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.63	95	343565	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	83901	22.579	ug/l	98
3) Chloromethane	2.22	50	118818	22.035	ug/l	97
4) Vinyl Chloride	2.36	62	114012	21.743	ug/l	98
5) Bromomethane	2.75	94	75016	20.611	ug/l	97
6) Chloroethane	2.91	64	66510	20.377	ug/l	100
7) Trichlorofluoromethane	3.26	101	120214	20.380	ug/l	100
8) Diethyl Ether	3.69	74	42636	19.977	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	82841	20.446	ug/l	98
10) Methyl Iodide	4.28	142	68864	14.323	ug/l	100
11) Tert butyl alcohol	5.17	59	35731	166.548	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	74285	19.922	ug/l	98
13) Acrolein	3.90	56	22433	90.416	ug/l	100
14) Allyl chloride	4.68	41	115920	19.888	ug/l	98
15) Acrylonitrile	5.38	53	96606	107.315	ug/l	98
16) Acetone	4.13	43	85379	111.375	ug/l	94
17) Carbon Disulfide	4.39	76	236411	18.196	ug/l	99
18) Methyl Acetate	4.68	43	44656	19.802	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	180840	19.973	ug/l	99
20) Methylene Chloride	4.92	84	125550	22.069	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	86320	19.001	ug/l	96
22) Diisopropyl ether	6.32	45	254062	20.714	ug/l	98
23) Vinyl Acetate	6.26	43	677528	105.168	ug/l	99
24) 1,1-Dichloroethane	6.23	63	148857	19.417	ug/l	99
25) 2-Butanone	7.18	43	140759	105.862	ug/l	98
26) 2,2-Dichloropropane	7.18	77	132158	20.978	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	95524	19.222	ug/l	95
28) Bromochloromethane	7.52	49	67964	22.026	ug/l	95
29) Tetrahydrofuran	7.54	42	72967	107.401	ug/l	99
30) Chloroform	7.68	83	146198	18.684	ug/l	95
31) Cyclohexane	7.96	56	156463	20.841	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	129946	19.069	ug/l	99
36) 1,1-Dichloropropene	8.09	75	125471	20.041	ug/l	99
37) Ethyl Acetate	7.26	43	53611	22.898	ug/l	99
38) Carbon Tetrachloride	8.07	117	115480	19.399	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	157416	20.791	ug/l	96
40) Benzene	8.33	78	378497	19.748	ug/l	99
41) Methacrylonitrile	7.49	41	30688	22.622	ug/l	96
42) 1,2-Dichloroethane	8.41	62	91813	19.574	ug/l	99
43) Isopropyl Acetate	8.43	43	92839	21.791	ug/l	99
44) Trichloroethene	9.10	130	98393	19.027	ug/l	100
45) 1,2-Dichloropropane	9.37	63	93795	20.032	ug/l	99
46) Dibromomethane	9.46	93	43254	19.319	ug/l	97
47) Bromodichloromethane	9.65	83	108777	19.296	ug/l	99
48) Methyl methacrylate	9.45	41	49775	24.263	ug/l #	89
49) 1,4-Dioxane	9.45	88	16330	451.029	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	331038	115.935	ug/l	99
52) Toluene	10.40	92	267340	20.586	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	111318	20.096	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	134250	19.928	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69259	19.980	ug/l	98
56) Ethyl methacrylate	10.65	69	85722	21.676	ug/l	98
57) 1,3-Dichloropropane	10.94	76	115308	20.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	219908	117.350	ug/l	98
59) 2-Hexanone	10.98	43	234553	121.450	ug/l	98
60) Dibromochloromethane	11.13	129	74333	18.968	ug/l	98
61) 1,2-Dibromoethane	11.24	107	61319	19.593	ug/l	99
64) Tetrachloroethene	10.87	164	94726	18.500	ug/l	96
65) Chlorobenzene	11.66	112	290250	19.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	85380	19.017	ug/l	99
67) Ethyl Benzene	11.74	91	501675	20.199	ug/l	99
68) m/p-Xylenes	11.85	106	403335	40.558	ug/l	99
69) o-Xylene	12.18	106	185377	20.162	ug/l	100
70) Styrene	12.19	104	306905	20.207	ug/l	100
71) Bromoform	12.35	173	45025	18.922	ug/l #	99
73) Isopropylbenzene	12.47	105	506405	20.426	ug/l	100
74) N-amyl acetate	12.28	43	98564	23.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	79707	21.119	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	104030	39.416	ug/l #	100
77) Bromobenzene	12.76	156	120955	19.800	ug/l	97
78) n-propylbenzene	12.81	91	620686	20.738	ug/l	99
79) 2-Chlorotoluene	12.90	91	355536	20.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	435717	20.323	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	22746	20.743	ug/l	95
82) 4-Chlorotoluene	12.99	91	373051	20.232	ug/l	100
83) tert-Butylbenzene	13.21	119	368954	20.607	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	443966	20.333	ug/l	99
85) sec-Butylbenzene	13.39	105	552201	20.986	ug/l	100
86) p-Isopropyltoluene	13.51	119	480829	20.643	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	249531	19.886	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	245267	19.704	ug/l	99
89) n-Butylbenzene	13.83	91	448835	20.793	ug/l	99
90) Hexachloroethane	14.10	117	75188	19.434	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	220267	20.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12956	21.967	ug/l	94

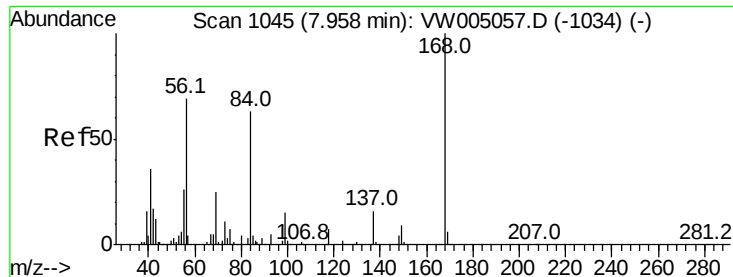
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
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Instrument :
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 ClientSampleId :

Quant Time: Sep 07 14:53:08 2018
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 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	146697	20.003	ug/l	100
94) Hexachlorobutadiene	15.25	225	97215	21.314	ug/l	98
95) Naphthalene	15.38	128	231939	20.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	126701	20.188	ug/l	99

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

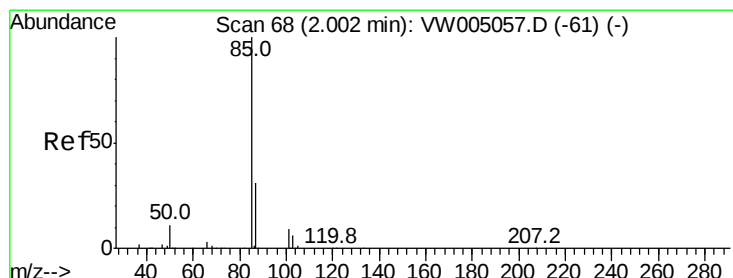
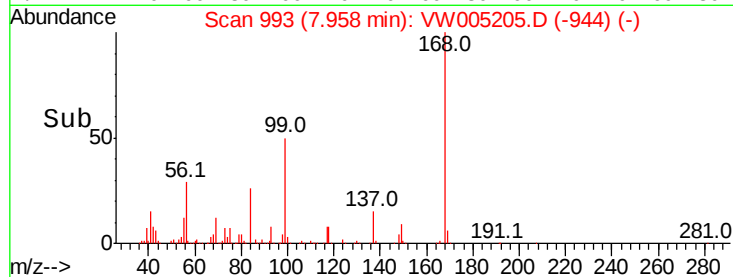
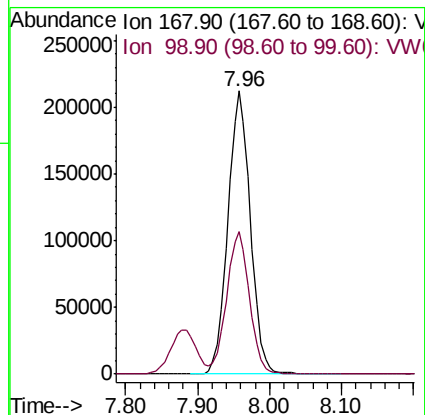
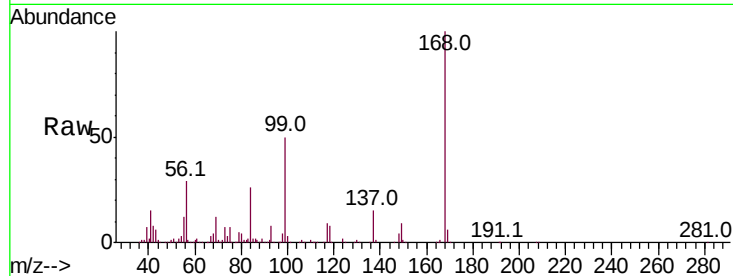


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampled :

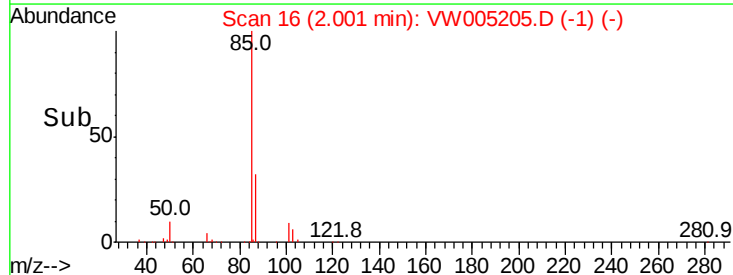
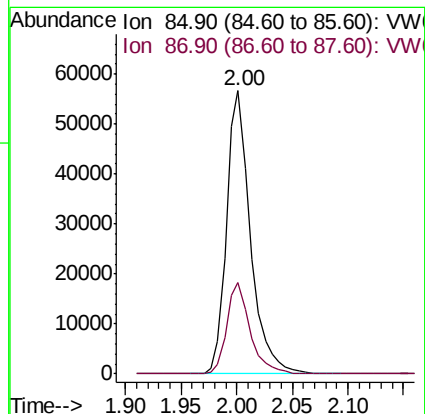
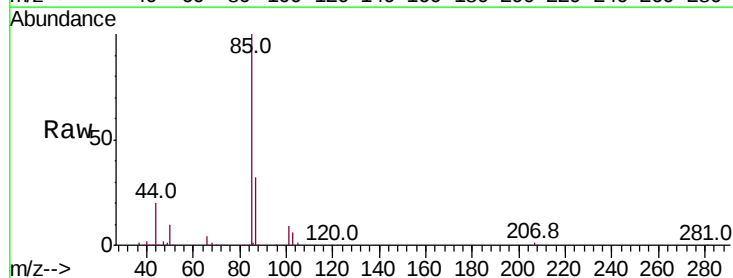
Tot Ion:168 Resp: 461120
 Ion Ratio Lower Upper
 168 100
 99 50.4 39.4 59.0

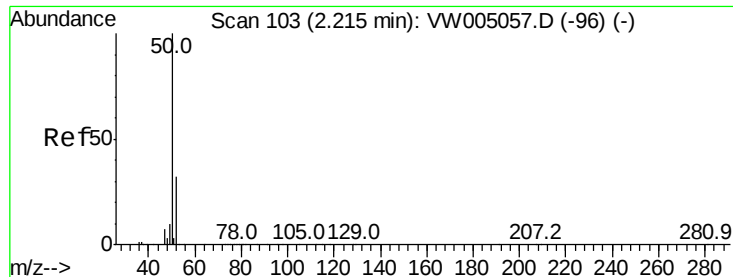


#2

Dichlorodifluoromethane
 Concen: 22.579 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion: 85 Resp: 83901
 Ion Ratio Lower Upper
 85 100
 87 32.3 15.8 47.3

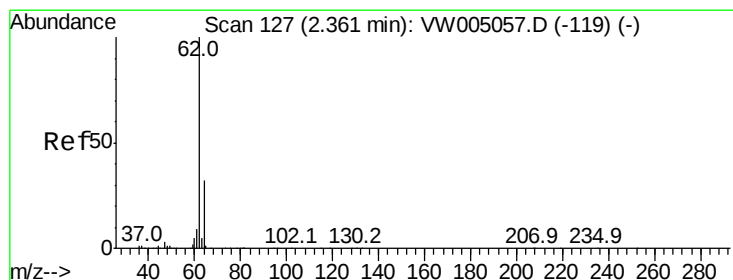
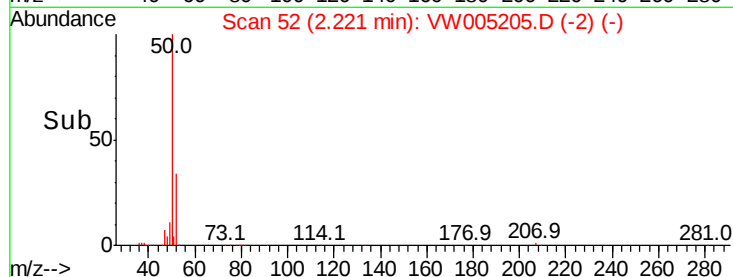
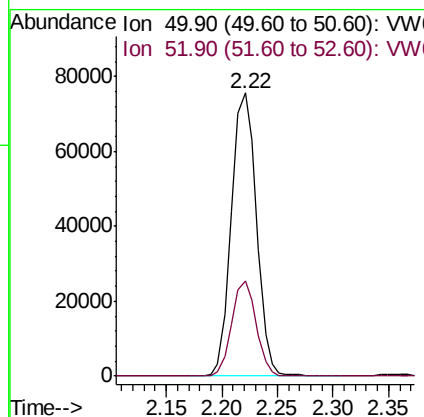
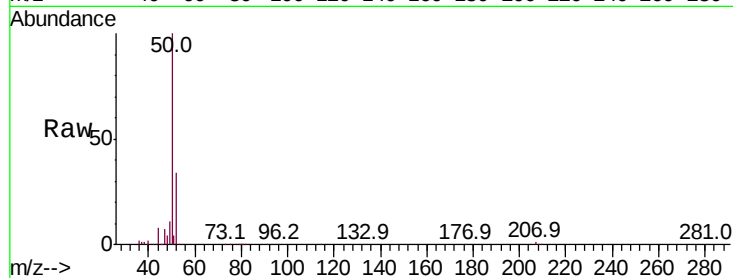




#3
Chloromethane
Concen: 22.035 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

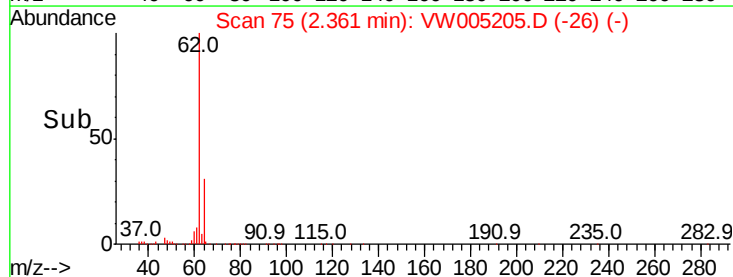
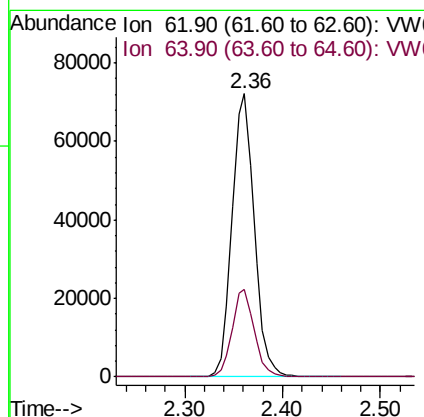
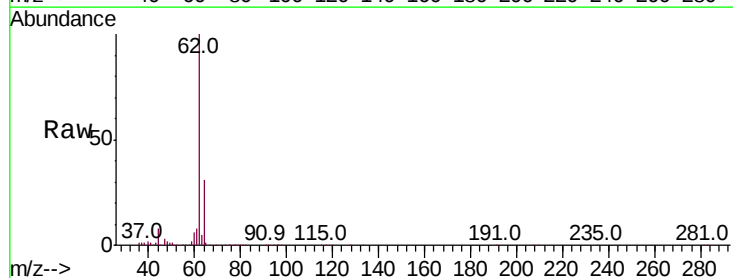
Instrument :
MSVOA_W
ClientSampleId :

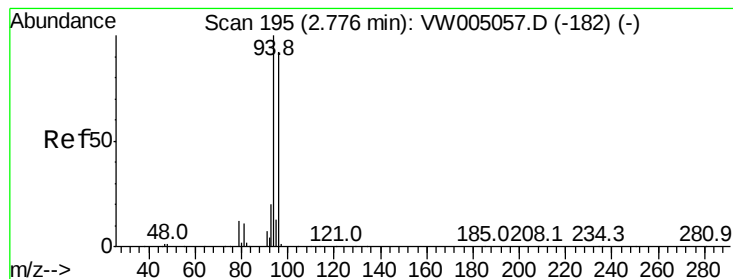
Tot Ion: 50 Resp: 118818
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.6



#4
Vinyl Chloride
Concen: 21.743 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 62 Resp: 114012
Ion Ratio Lower Upper
62 100
64 31.1 25.6 38.4





#5

Bromomethane

Concen: 20.611 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

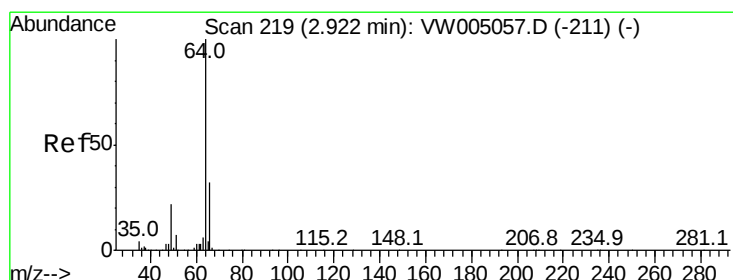
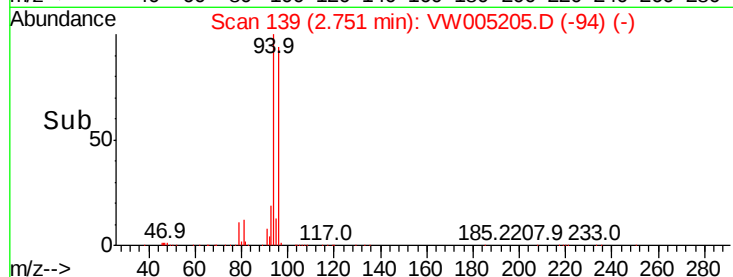
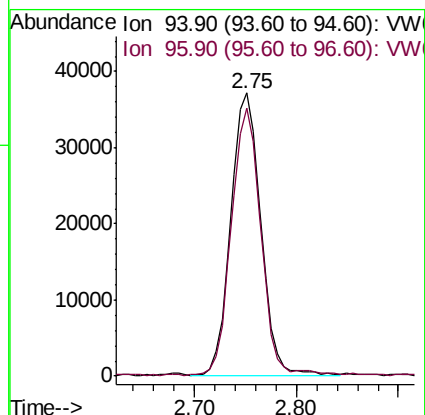
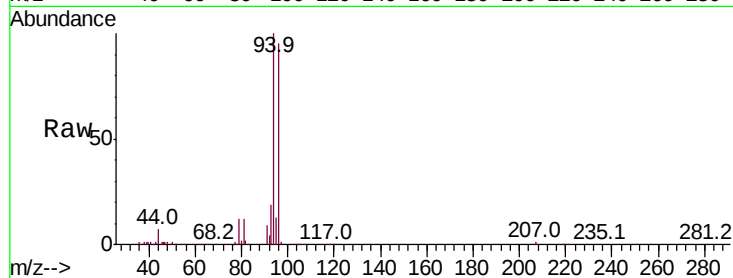
ClientSampled :

Tot Ion: 94 Resp: 75016

Ion Ratio Lower Upper

94 100

96 94.6 73.2 109.8



#6

Chloroethane

Concen: 20.377 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005205.D

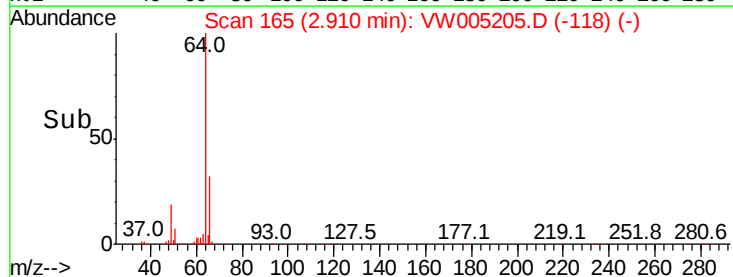
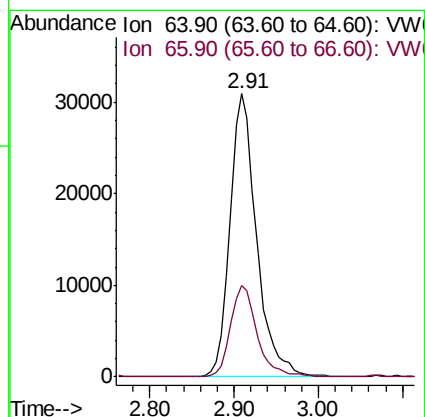
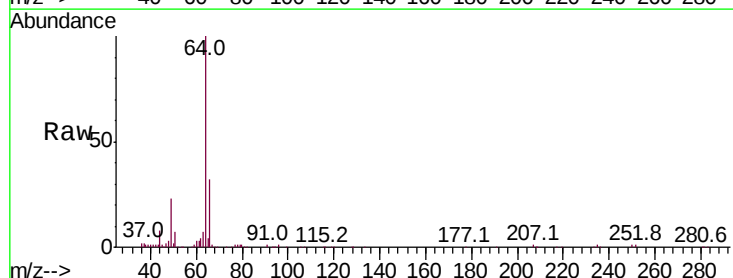
Acq: 07 Sep 2018 13:34

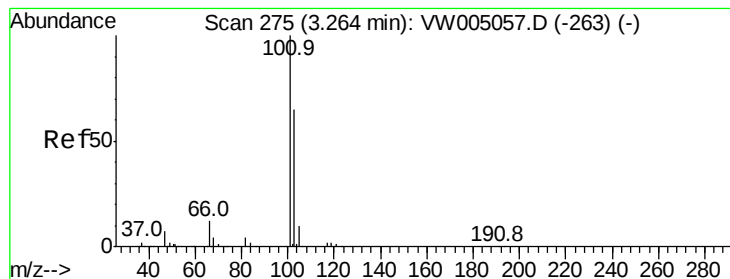
Tgt Ion: 64 Resp: 66510

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5



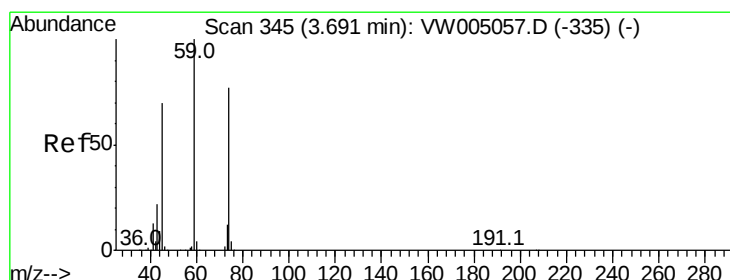
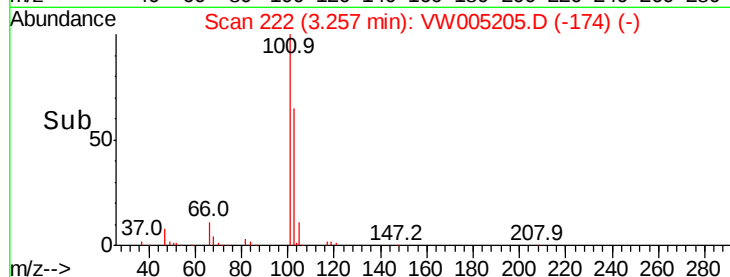
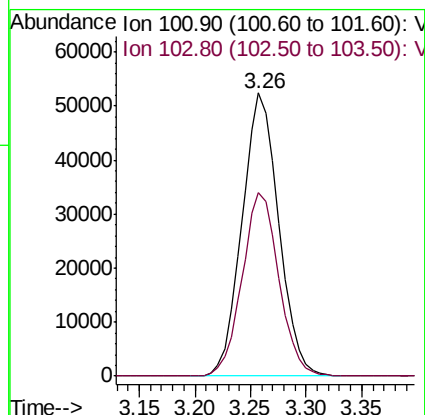
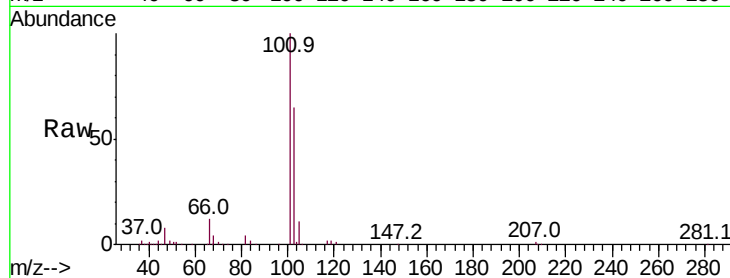


#7

Trichlorofluoromethane
Concen: 20.380 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampled :

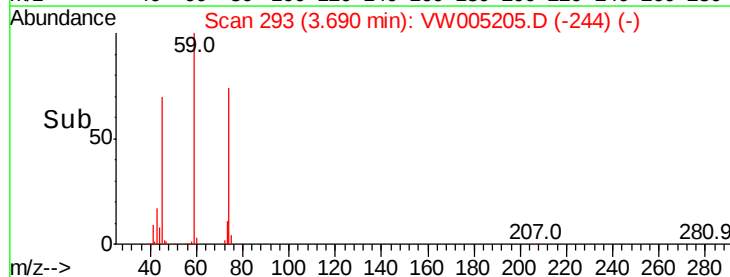
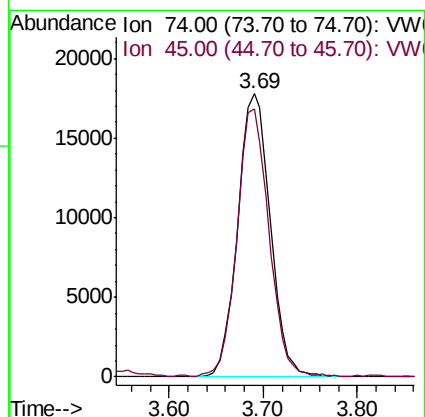
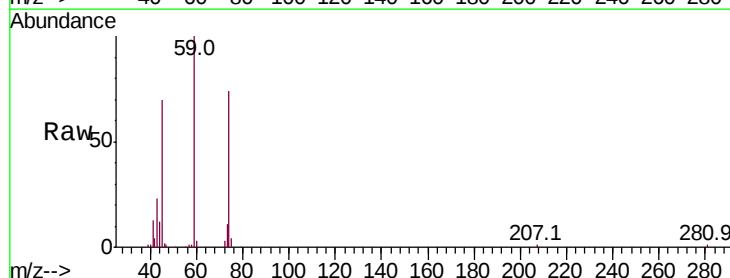
Tot Ion:101 Resp: 120214
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

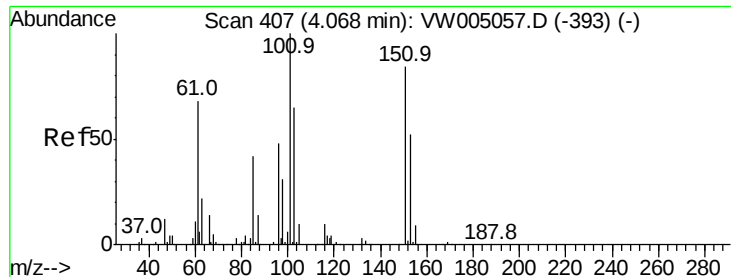


#8

Diethyl Ether
Concen: 19.977 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 74 Resp: 42636
Ion Ratio Lower Upper
74 100
45 93.3 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.446 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

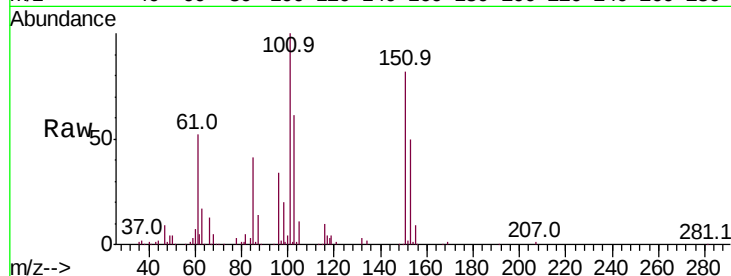
Tot Ion:101 Resp: 82841

Ion Ratio Lower Upper

101 100

85 41.9 33.0 49.6

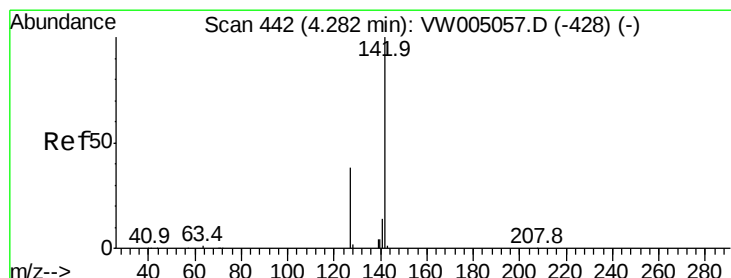
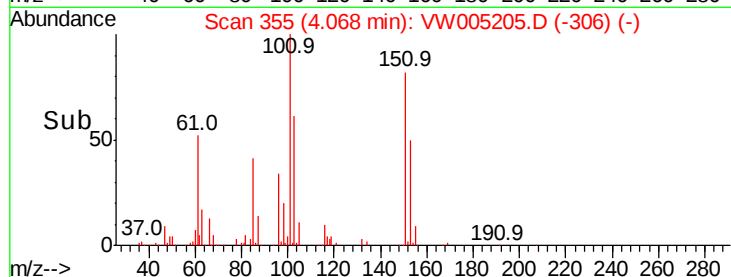
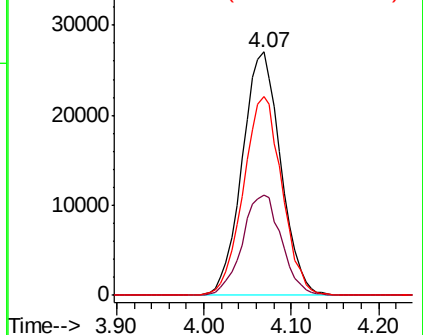
151 81.7 67.0 100.6



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: 14.323 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

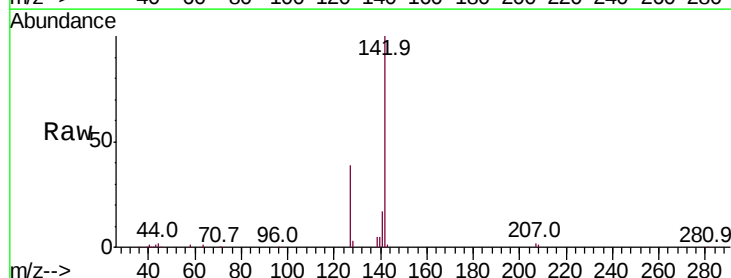
Tgt Ion:142 Resp: 68864

Ion Ratio Lower Upper

142 100

127 38.5 30.8 46.2

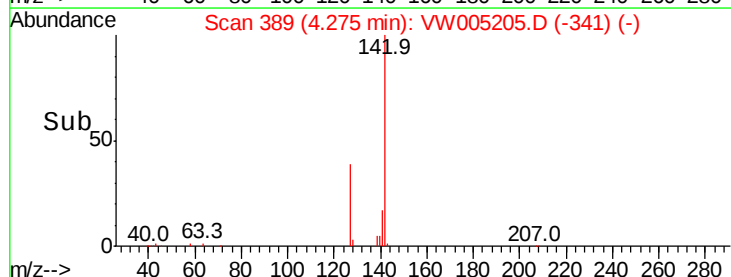
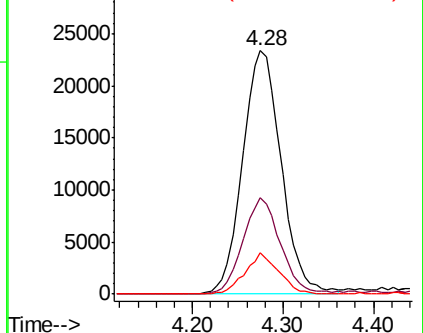
141 14.9 11.6 17.4

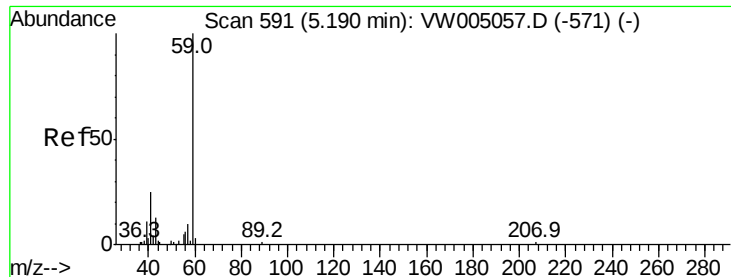


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



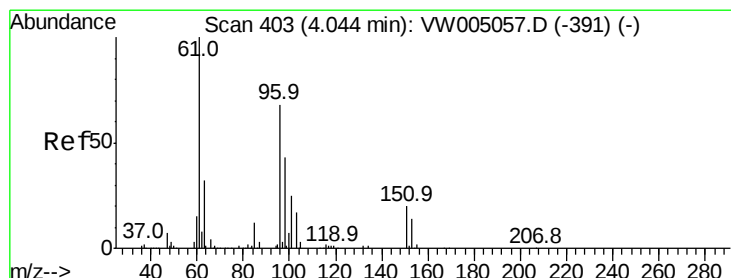
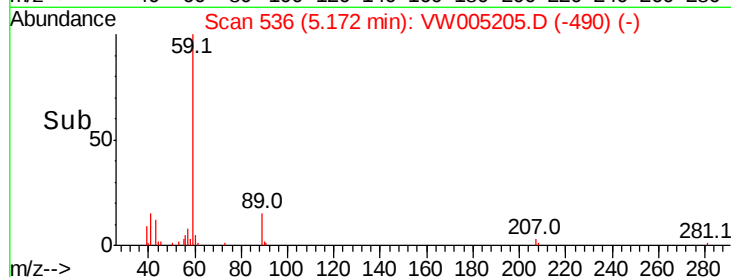
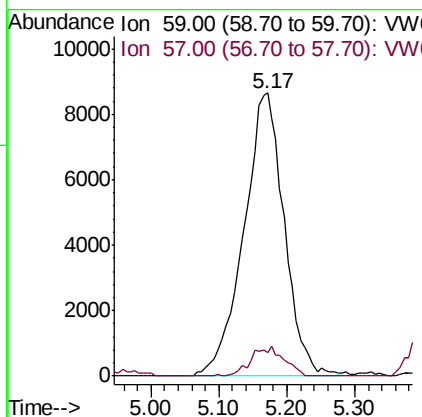
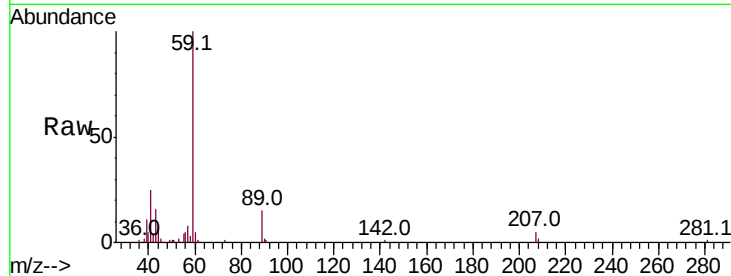


#11

Tert butyl alcohol
 Concen: 166.548 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.02 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :

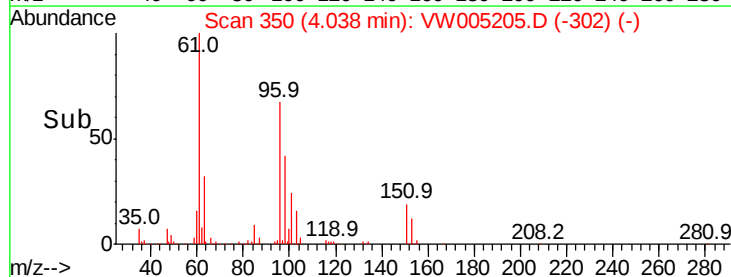
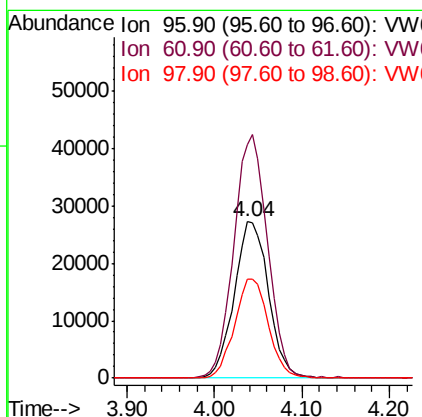
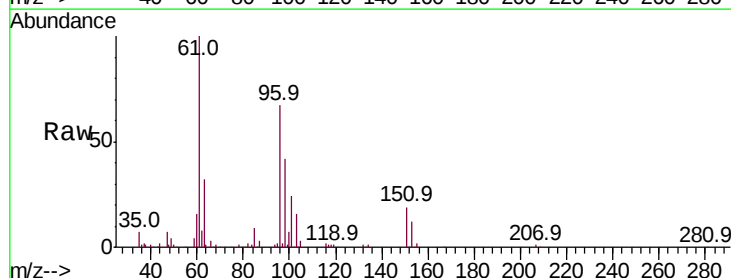
Tot Ion: 59 Resp: 35731
 Ion Ratio Lower Upper
 59 100
 57 8.5 8.6 12.8#

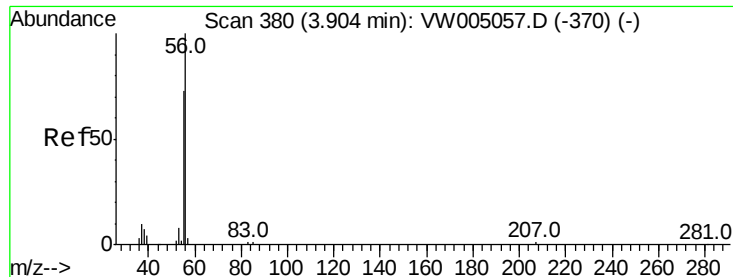


#12

1,1-Dichloroethene
 Concen: 19.922 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion: 96 Resp: 74285
 Ion Ratio Lower Upper
 96 100
 61 149.4 117.4 176.0
 98 63.3 51.0 76.4





#13

Acrolein

Concen: 90.416 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

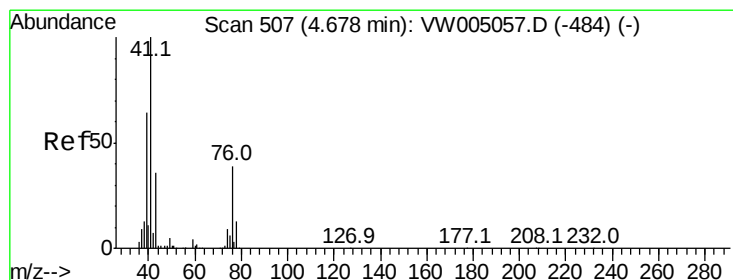
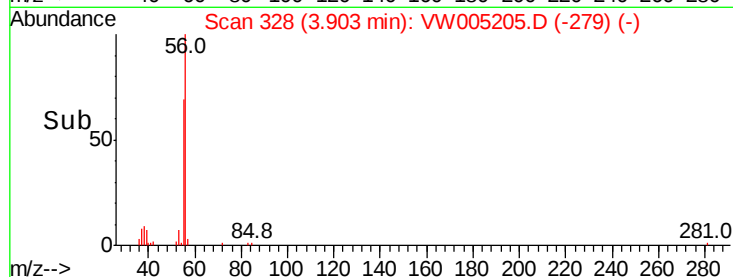
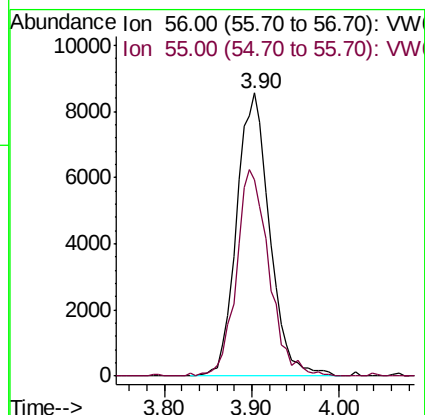
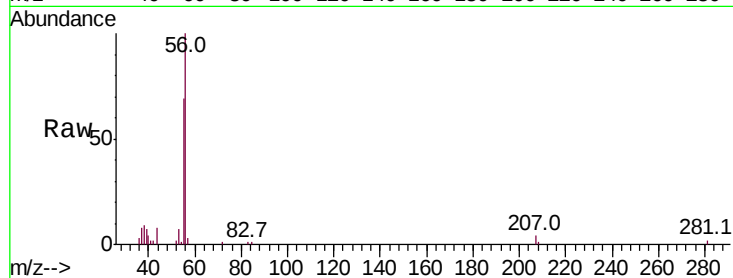
ClientSampleId :

Tot Ion: 56 Resp: 22433

Ion Ratio Lower Upper

56 100

55 72.4 58.1 87.1



#14

Allyl chloride

Concen: 19.888 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

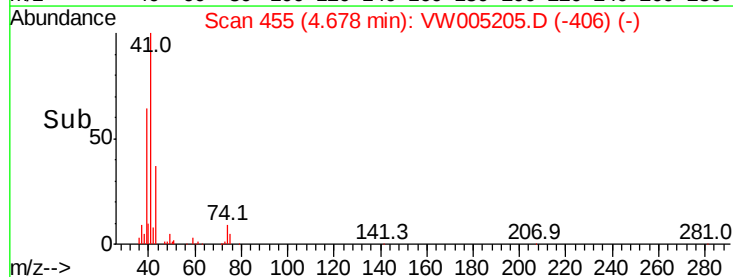
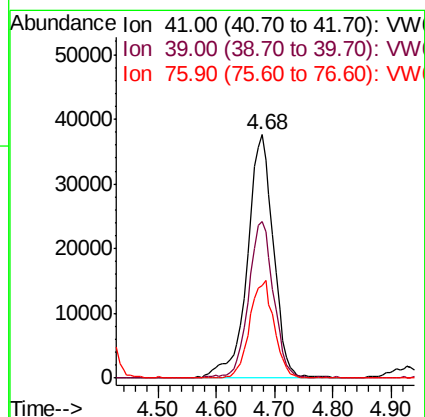
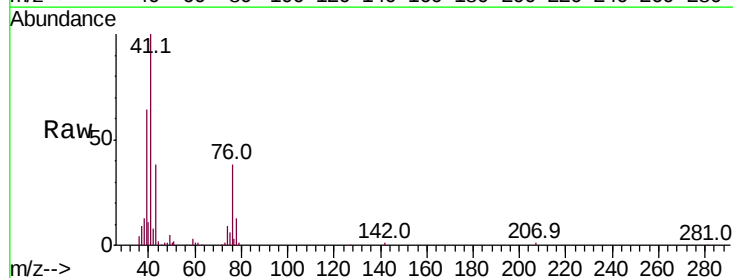
Tgt Ion: 41 Resp: 115920

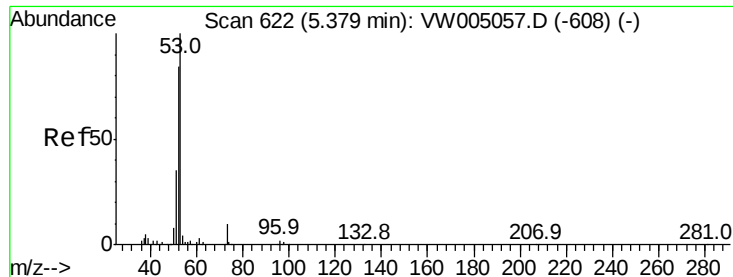
Ion Ratio Lower Upper

41 100

39 62.4 49.4 74.2

76 38.0 31.8 47.6





#15

Acrylonitrile

Concen: 107.315 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

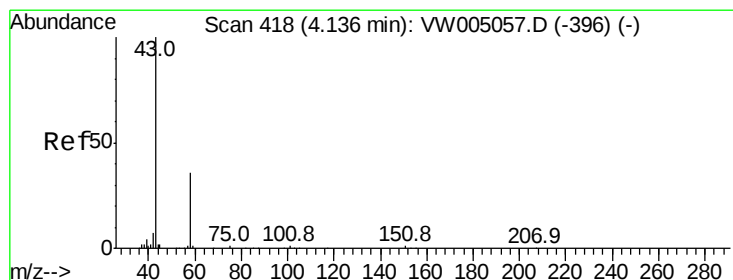
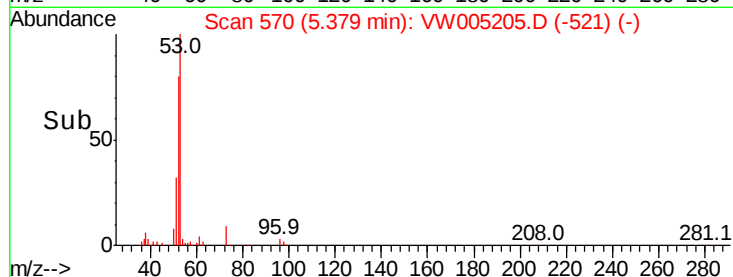
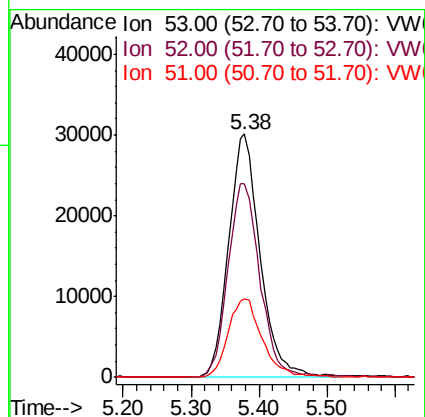
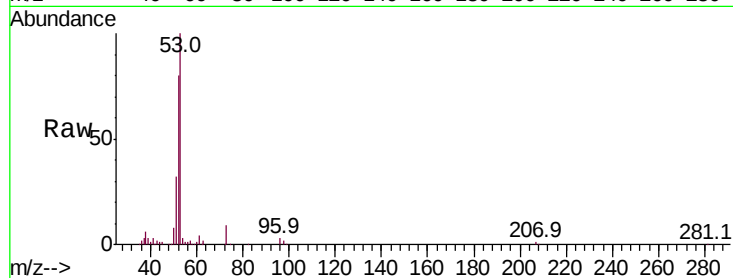
Tot Ion: 53 Resp: 96606

Ion Ratio Lower Upper

53 100

52 80.6 65.7 98.5

51 34.9 28.8 43.2



#16

Acetone

Concen: 111.375 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005205.D

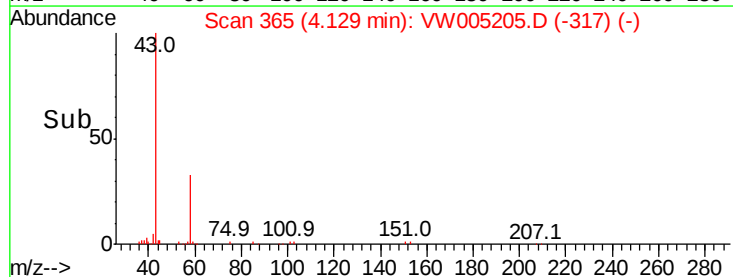
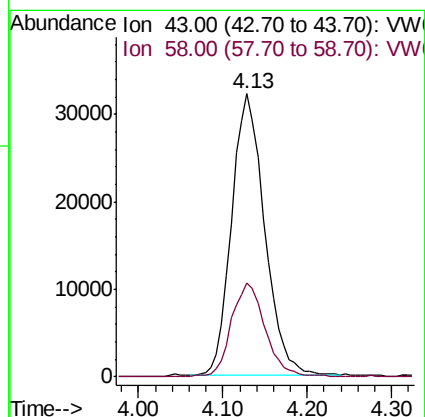
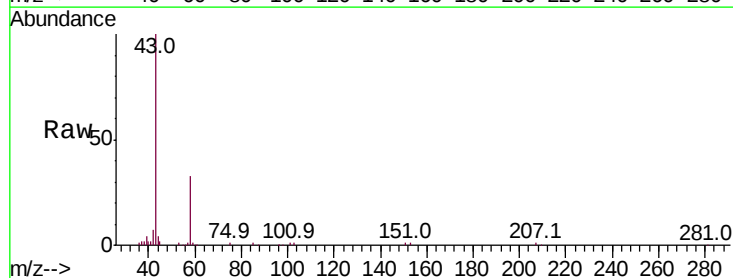
Acq: 07 Sep 2018 13:34

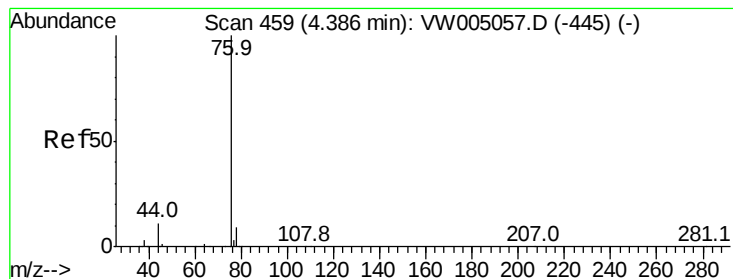
Tgt Ion: 43 Resp: 85379

Ion Ratio Lower Upper

43 100

58 32.9 29.0 43.6





#17

Carbon Disulfide

Concen: 18.196 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

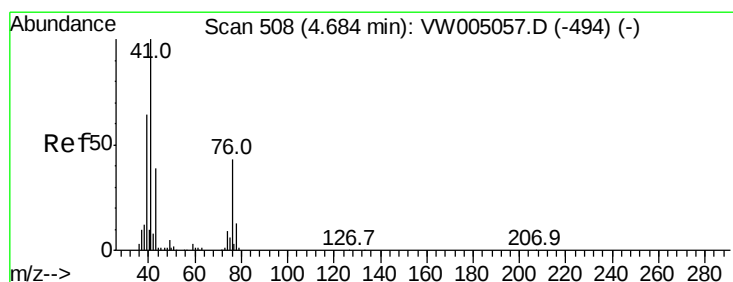
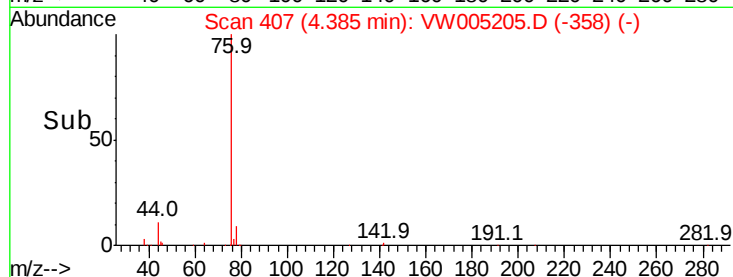
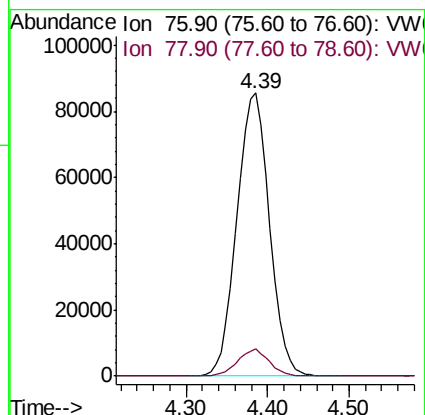
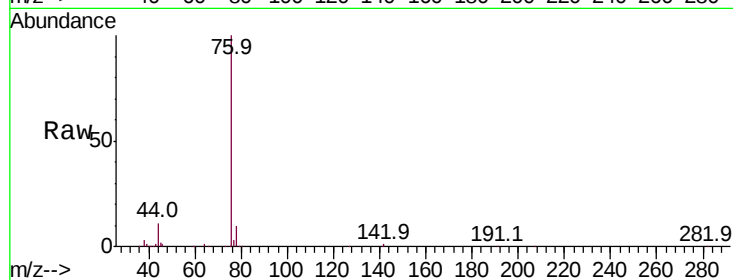
ClientSampleId :

Tot Ion: 76 Resp: 236411

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 19.802 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005205.D

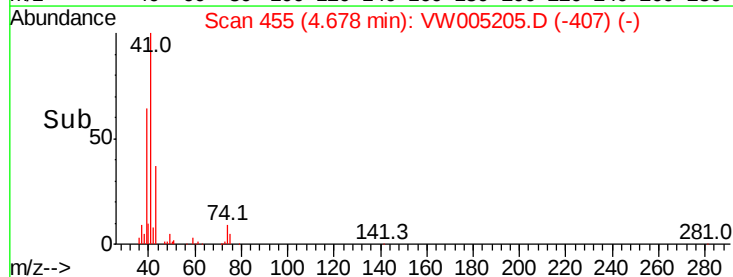
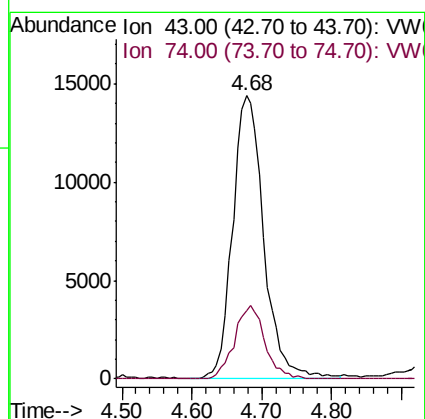
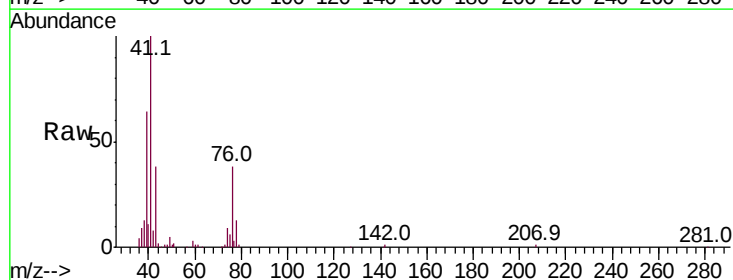
Acq: 07 Sep 2018 13:34

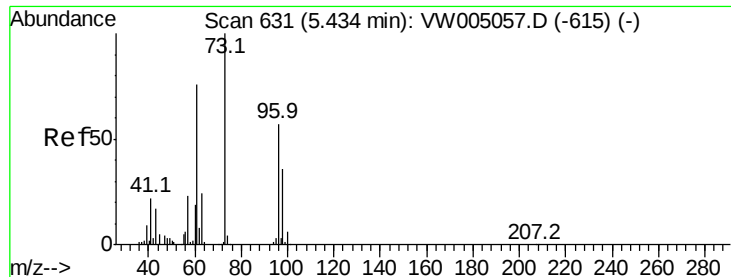
Tgt Ion: 43 Resp: 44656

Ion Ratio Lower Upper

43 100

74 25.2 20.7 31.1

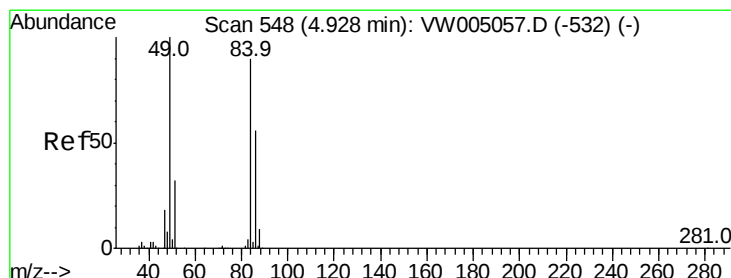
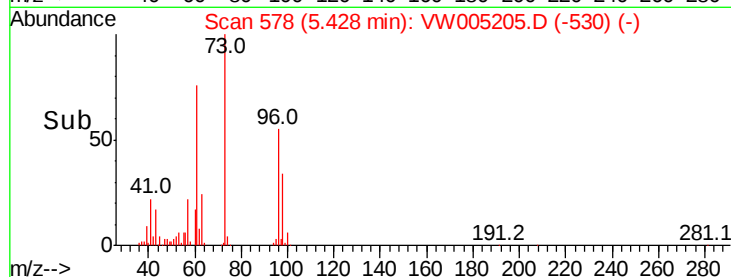
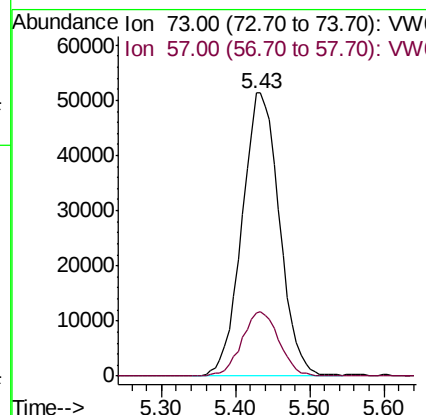
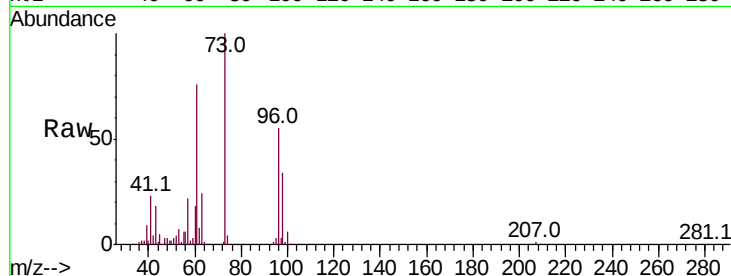




#19
Methvl tert-butvl Ether
Concen: 19.973 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

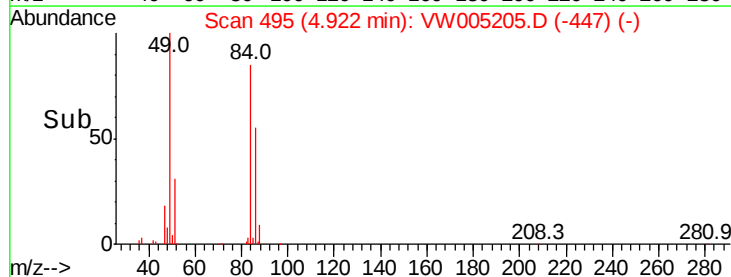
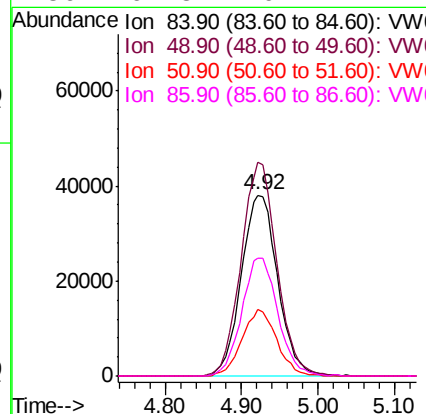
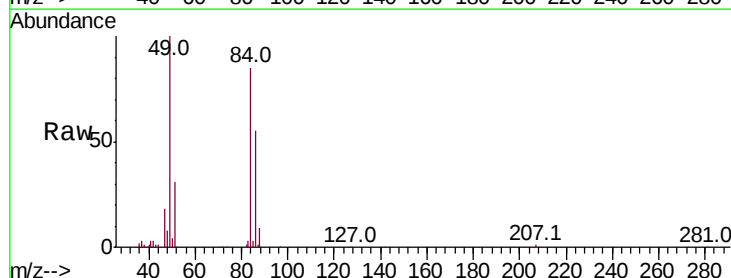
Instrument :
MSVOA_W
ClientSampled :

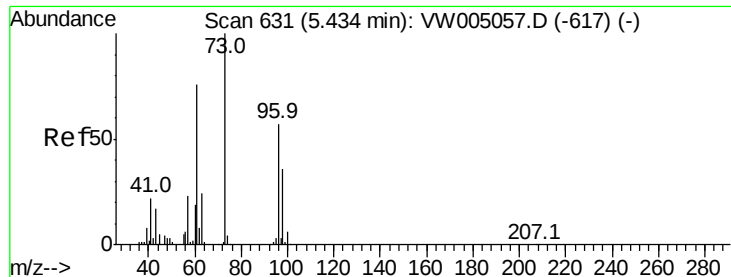
Tot Ion: 73 Resp: 180840
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 22.069 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 84 Resp: 125550
Ion Ratio Lower Upper
84 100
49 118.1 88.7 133.1
51 36.5 28.6 42.8
86 64.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 19.001 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampled :

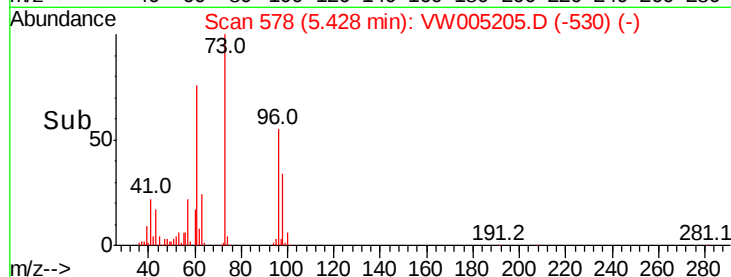
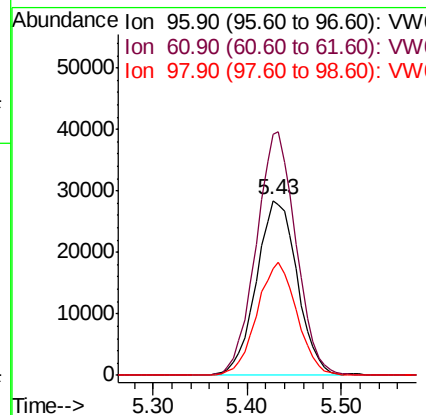
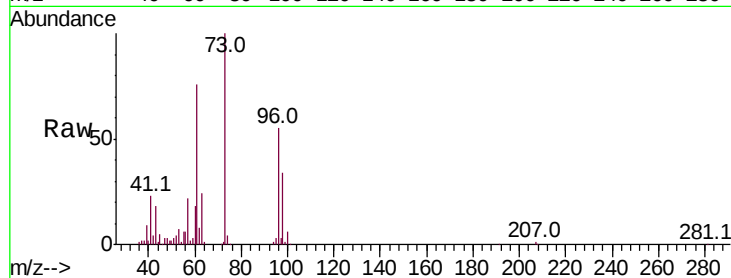
Tot Ion: 96 Resp: 86320

Ion Ratio Lower Upper

96 100

61 137.8 106.3 159.5

98 60.9 50.9 76.3



#22

Diisopropyl ether

Concen: 20.714 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion: 45 Resp: 254062

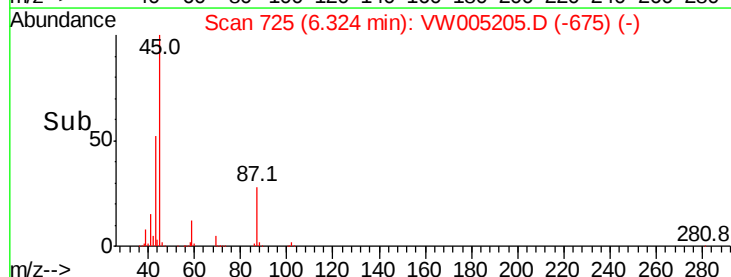
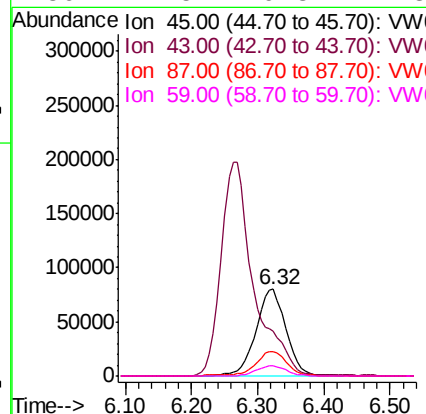
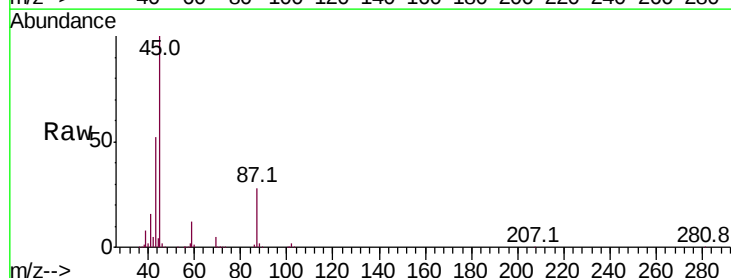
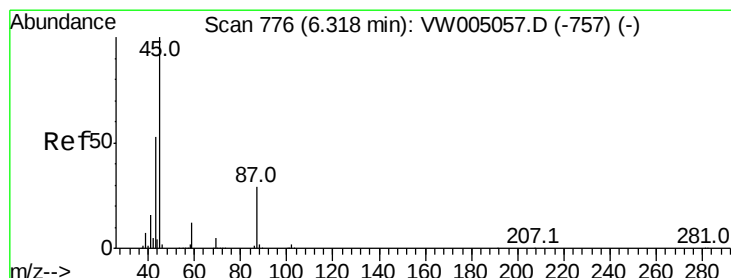
Ion Ratio Lower Upper

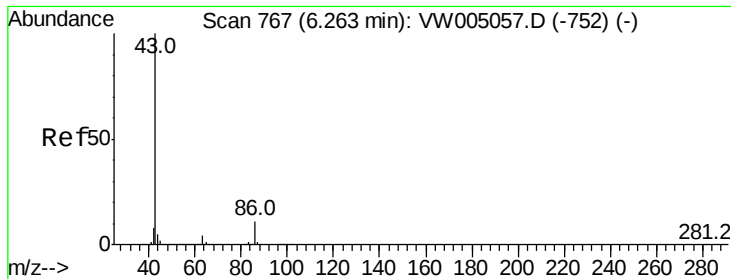
45 100

43 51.4 42.6 63.8

87 28.2 23.6 35.4

59 11.5 9.8 14.8





#23

Vinyl Acetate

Concen: 105.168 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

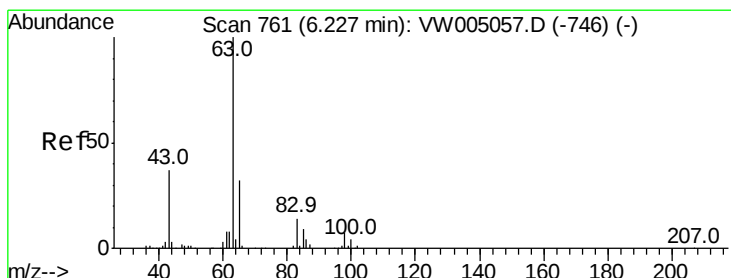
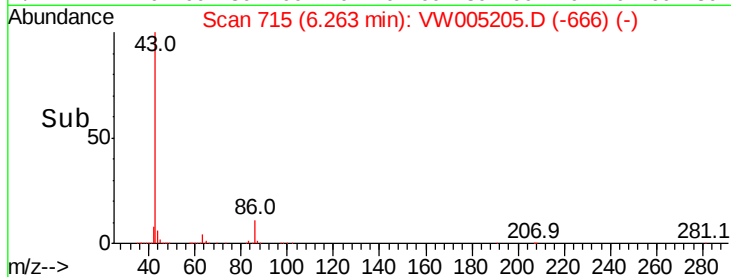
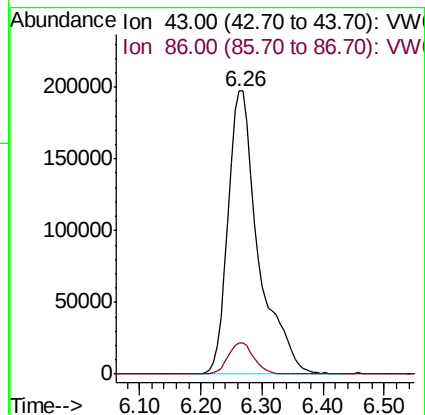
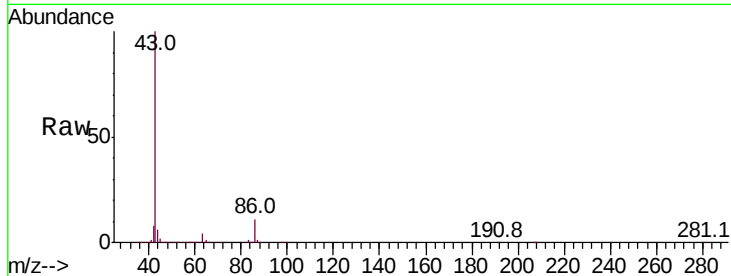
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 677528

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.4



#24

1,1-Dichloroethane

Concen: 19.417 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

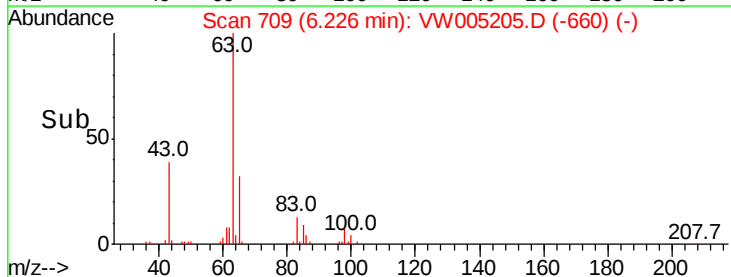
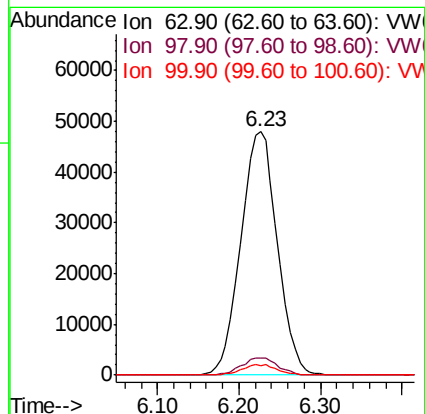
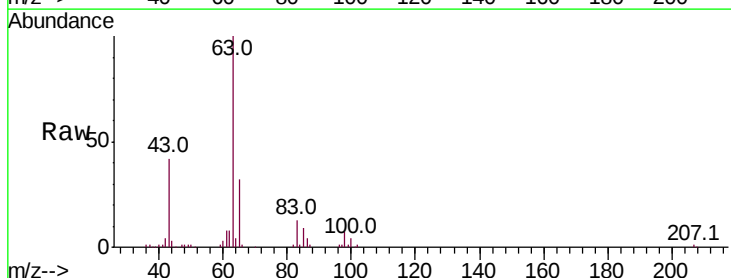
Tgt Ion: 63 Resp: 148857

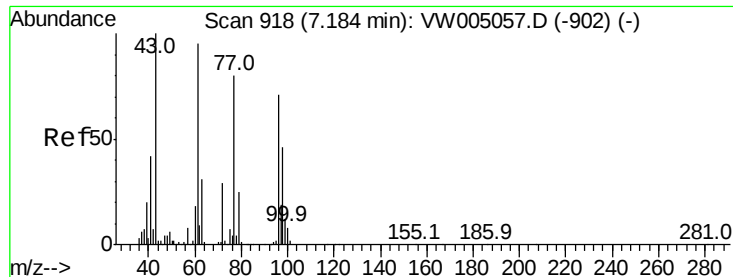
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 3.9 2.2 6.6

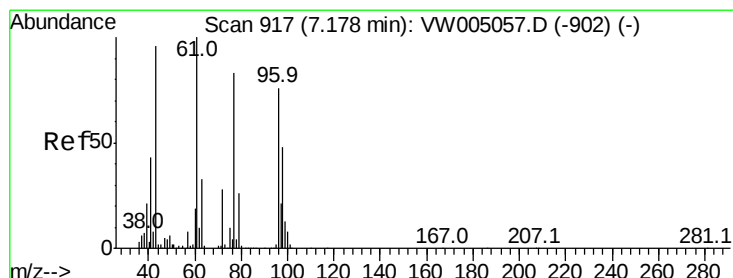
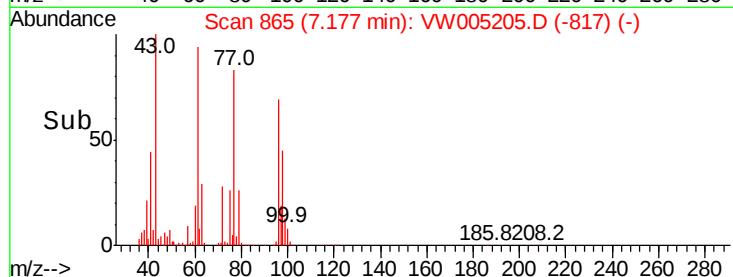
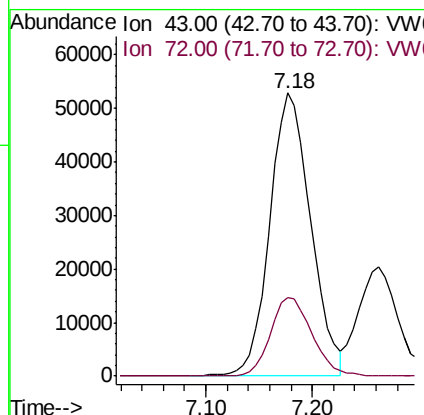
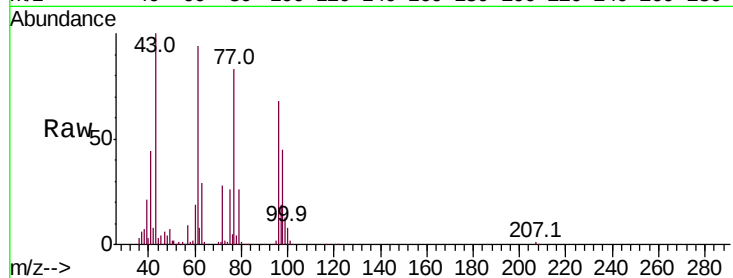




#25
2-Butanone
Concen: 105.862 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

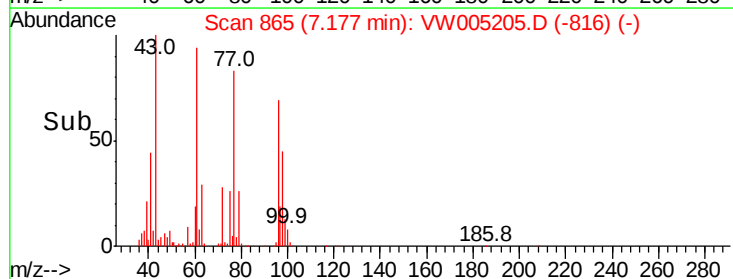
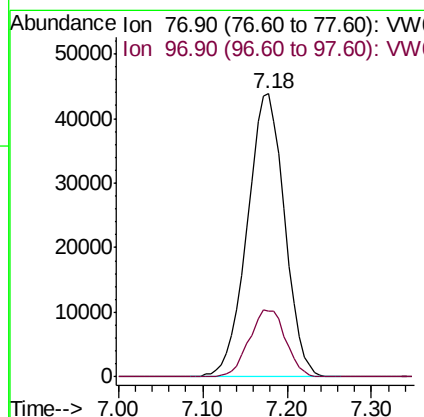
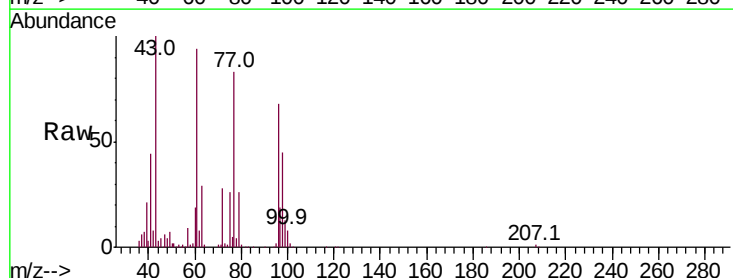
Instrument :
MSVOA_W
ClientSampled :

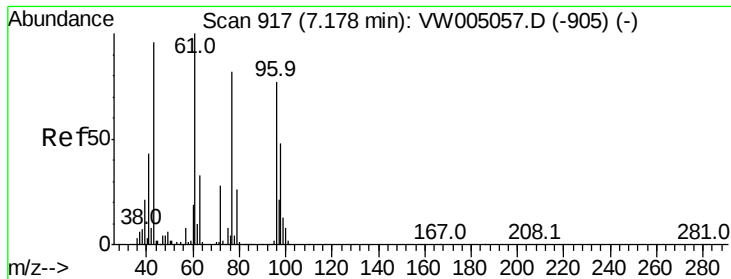
Tot Ion: 43 Resp: 140759
Ion Ratio Lower Upper
43 100
72 28.0 23.1 34.7



#26
2,2-Dichloropropane
Concen: 20.978 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 77 Resp: 132158
Ion Ratio Lower Upper
77 100
97 23.2 12.2 36.6



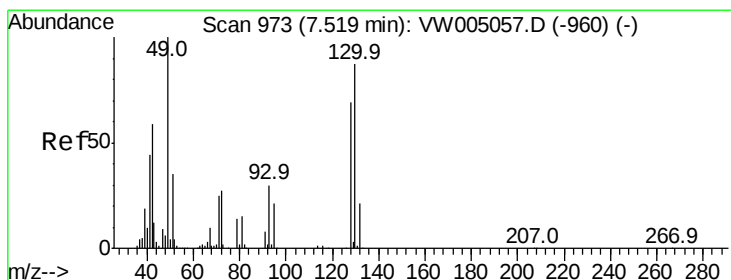
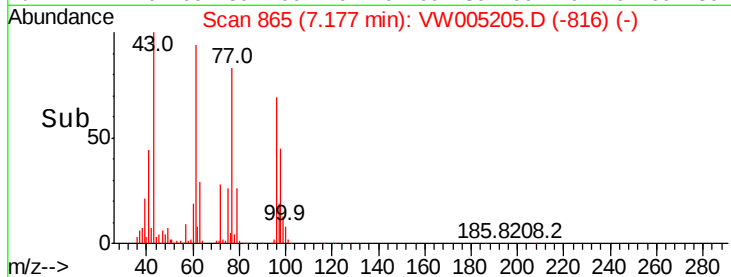
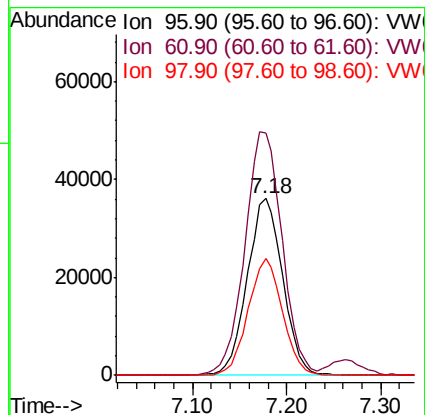
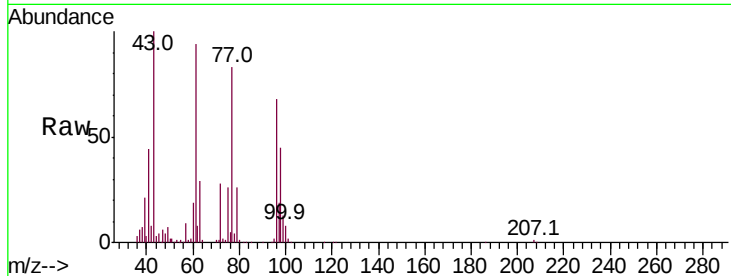


#27

cis-1,2-Dichloroethene
Concen: 19.222 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :

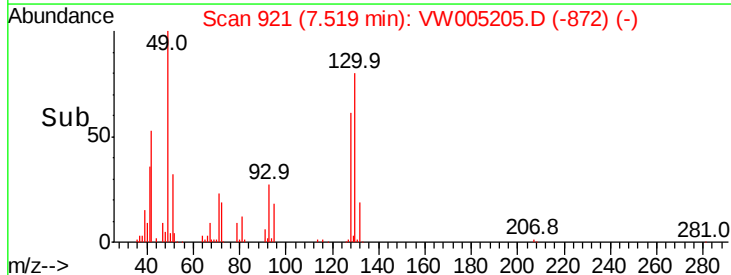
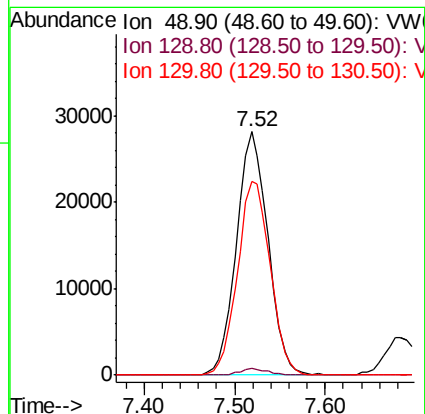
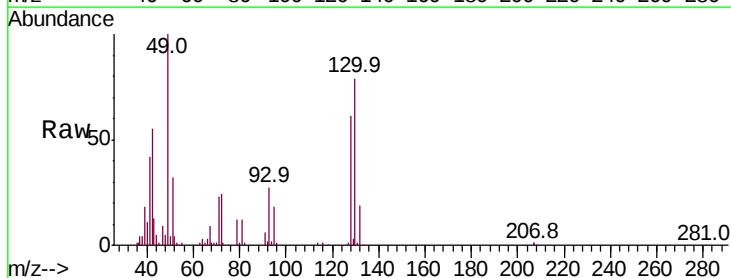
Tot Ion	96	Resp	95524
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	273.2
98	63.8	0.0	127.8

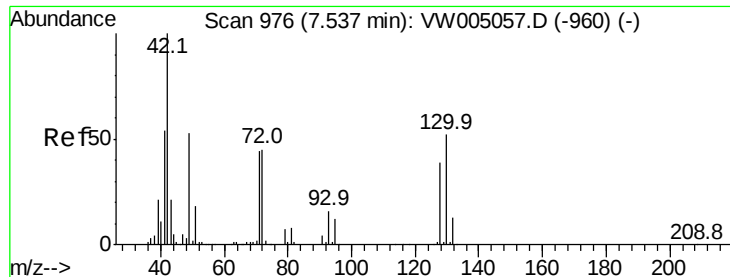


#28

Bromochloromethane
Concen: 22.026 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	49	Resp	67964
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	82.1	69.6	104.4

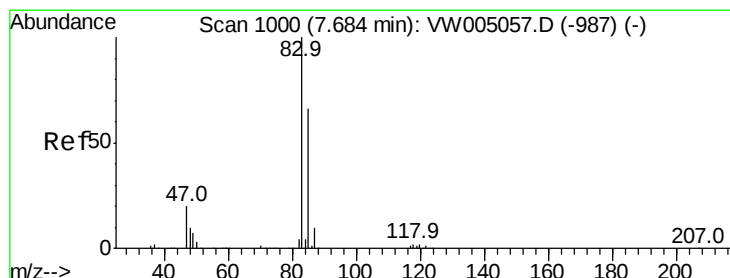
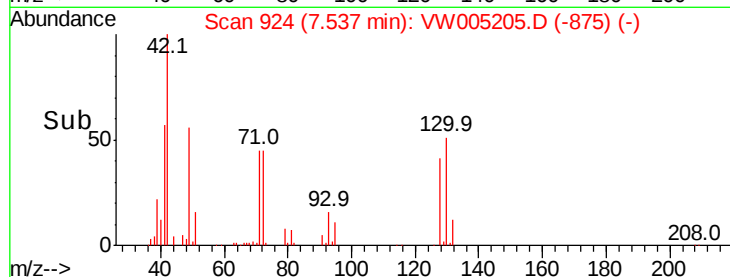
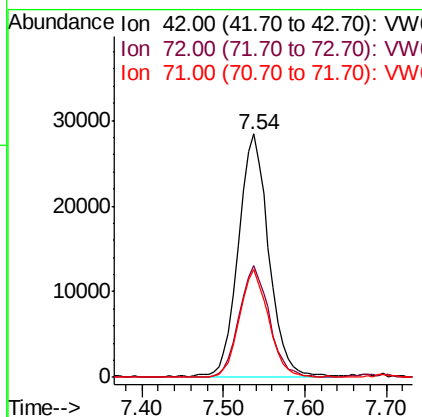
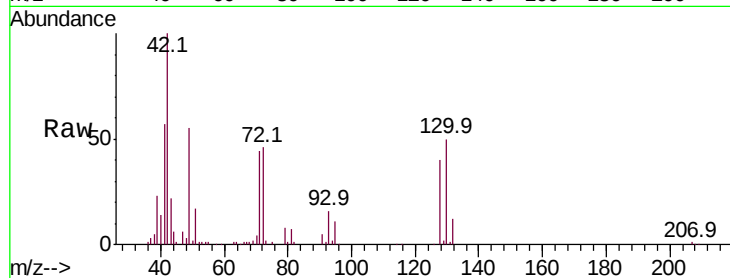




#29
Tetrahydrofuran
Concen: 107.401 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

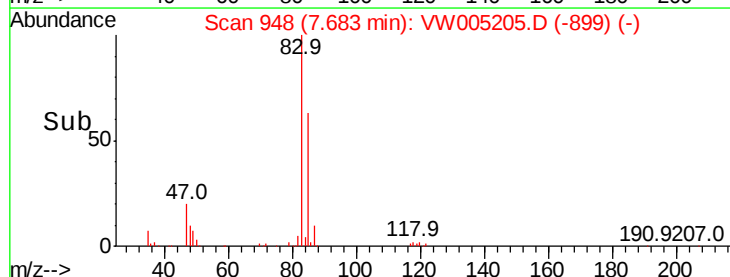
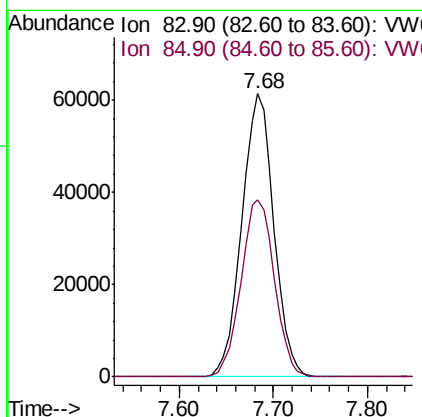
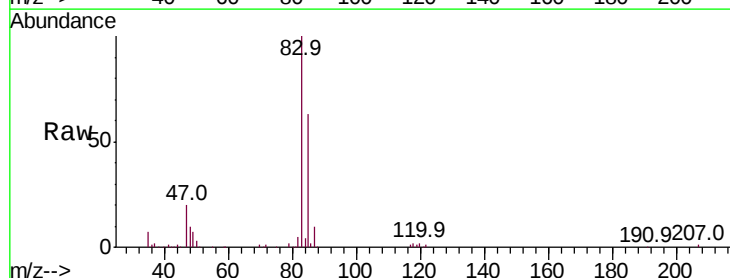
Instrument :
MSVOA_W
ClientSampled :

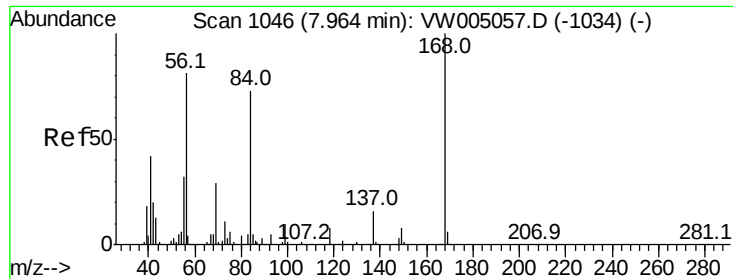
Tot Ion: 42 Resp: 72967
Ion Ratio Lower Upper
42 100
72 45.6 37.0 55.4
71 42.5 35.0 52.6



#30
Chloroform
Concen: 18.684 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 83 Resp: 146198
Ion Ratio Lower Upper
83 100
85 62.8 53.1 79.7

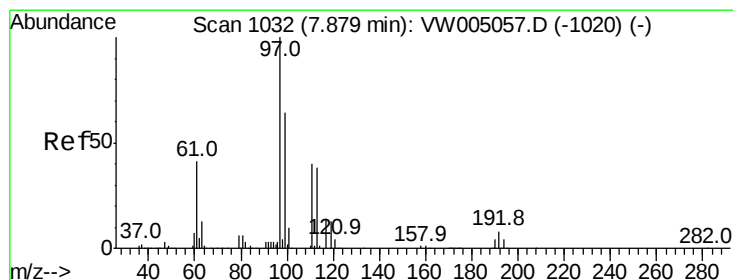
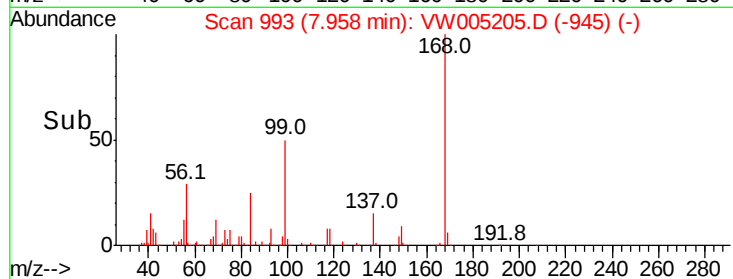
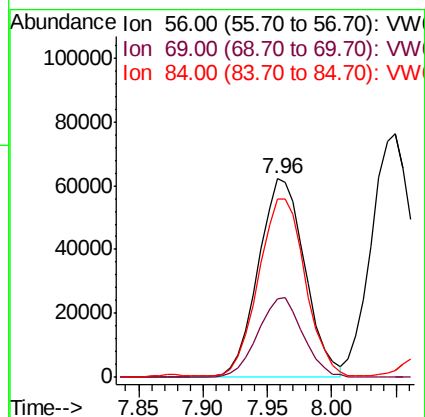
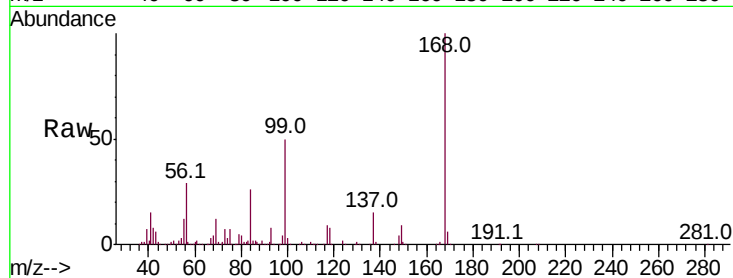




#31
Cyclohexane
Concen: 20.841 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

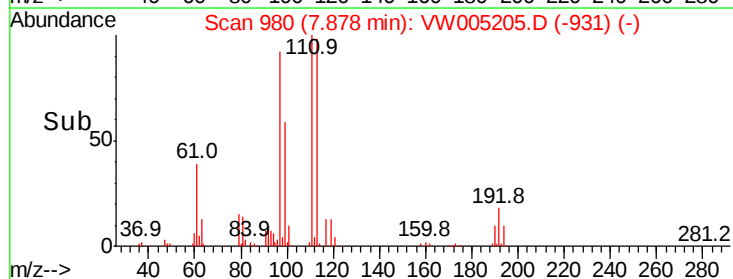
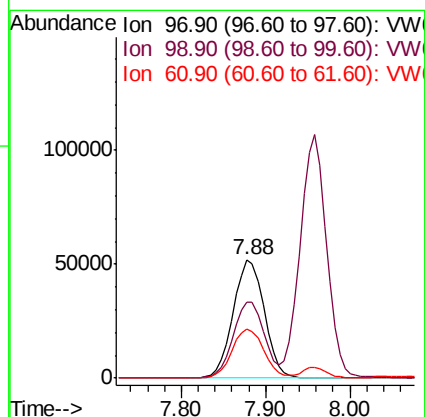
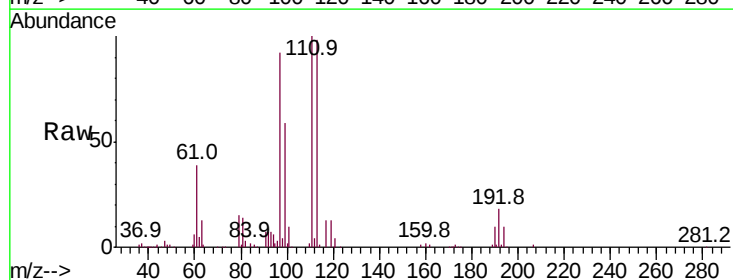
Instrument :
MSVOA_W
ClientSampleId :

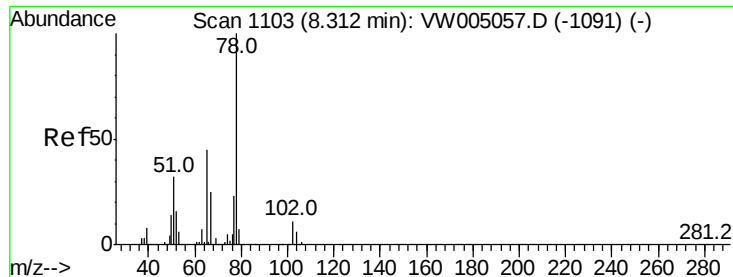
Tot Ion: 56 Resp: 156463
Ion Ratio Lower Upper
56 100
69 39.8 28.2 42.2
84 88.5 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 19.069 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 97 Resp: 129946
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 42.7 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 50.699 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

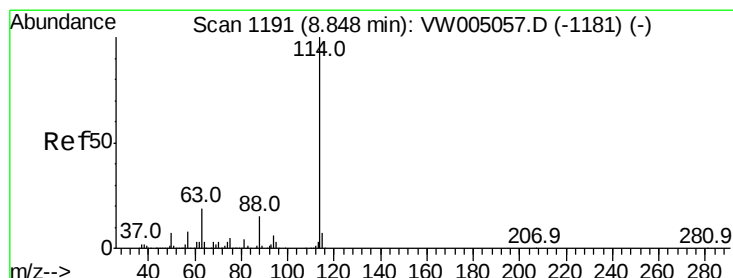
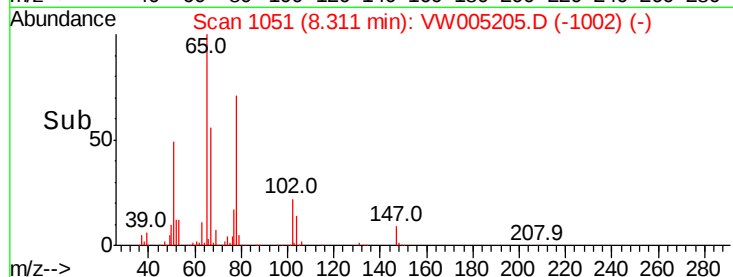
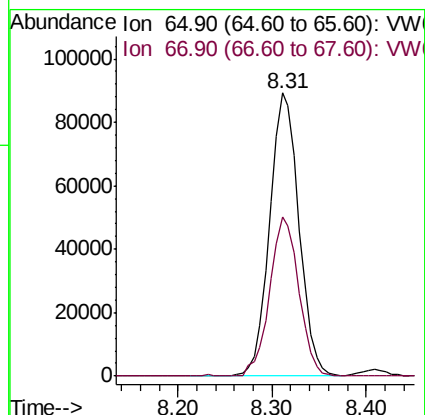
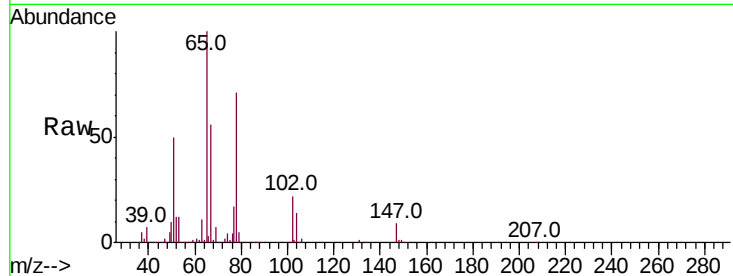
Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 193794

Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

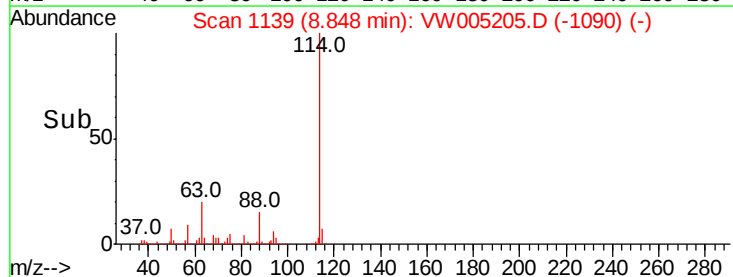
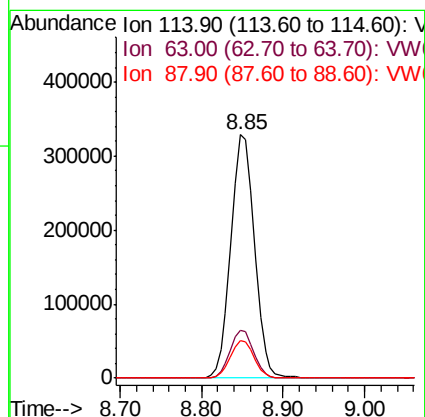
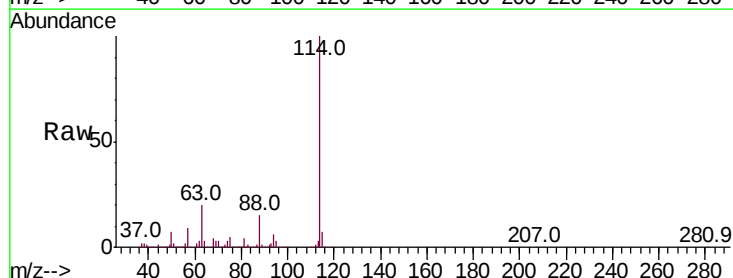
Delta R.T. -0.00 min

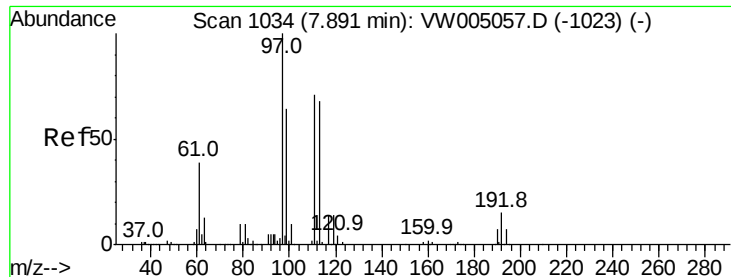
Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion: 114 Resp: 657358

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.0
88	15.4	0.0	30.2

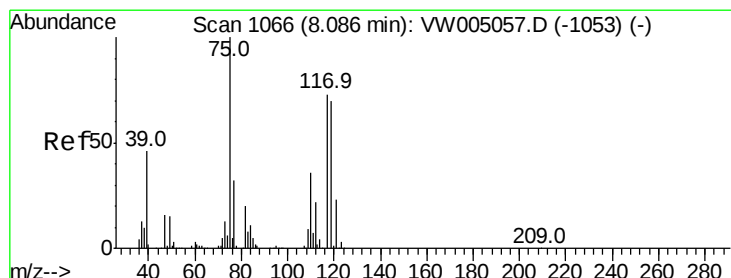
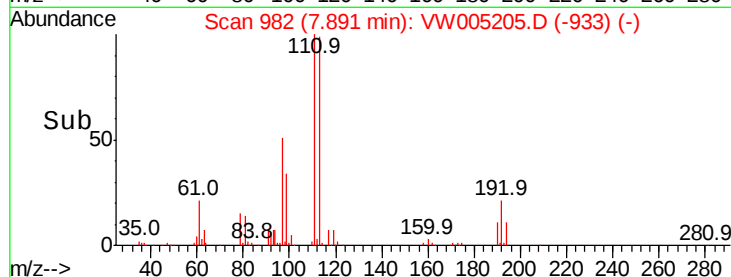
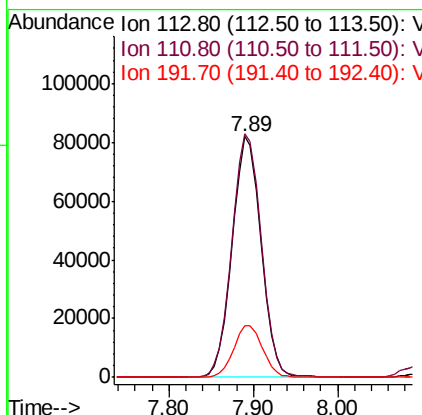
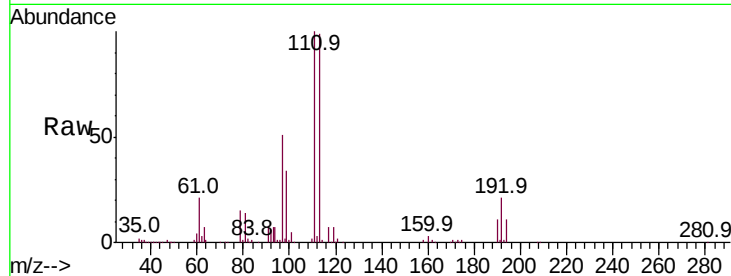




#35
 Dibromofluoromethane
 Concen: 50.065 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

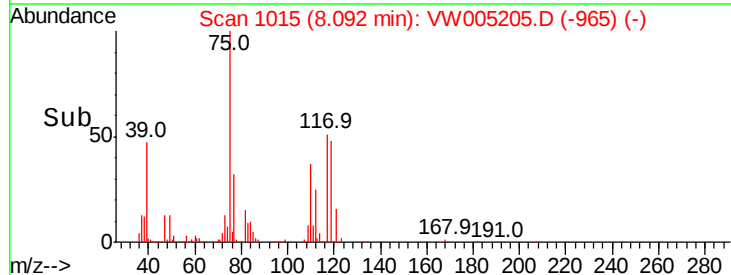
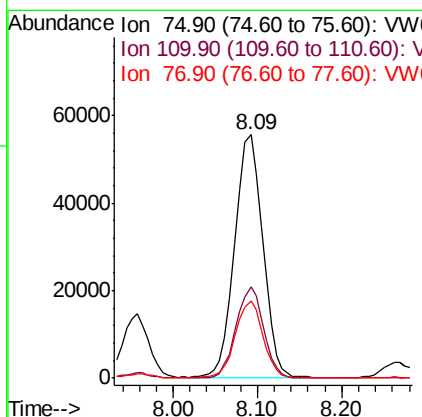
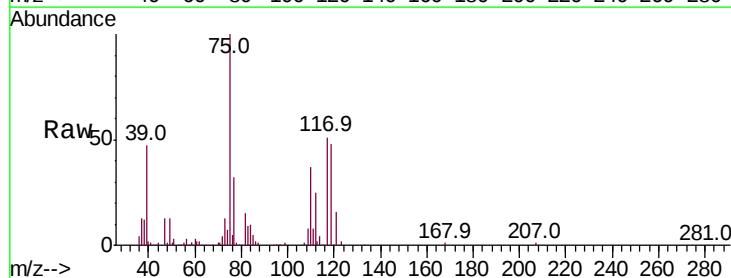
Instrument :
 MSVOA_W
 ClientSampled :

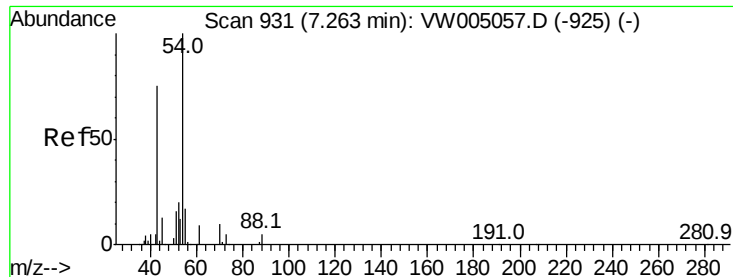
Tot Ion:113 Resp: 190186
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 21.6 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 20.041 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion: 75 Resp: 125471
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.9 56.7
 77 31.4 25.5 38.3

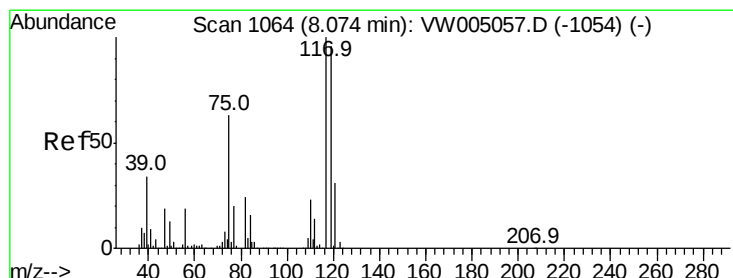
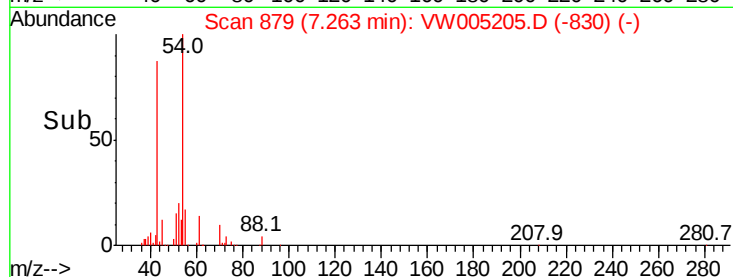
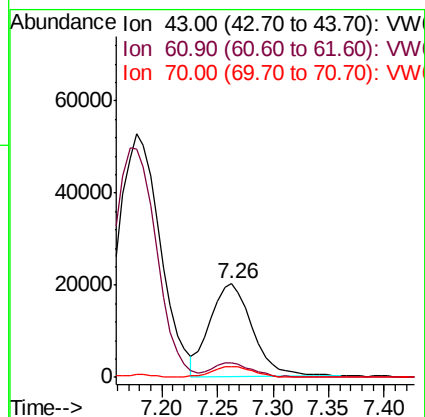
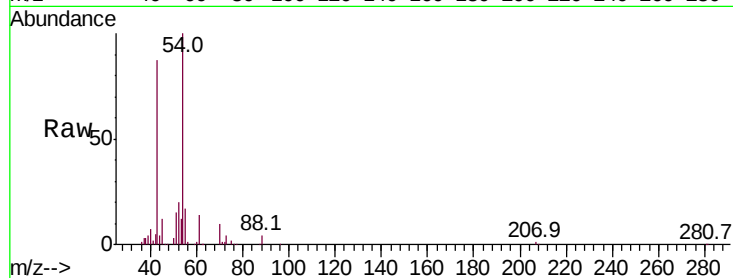




#37
Ethyl Acetate
Concen: 22.898 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

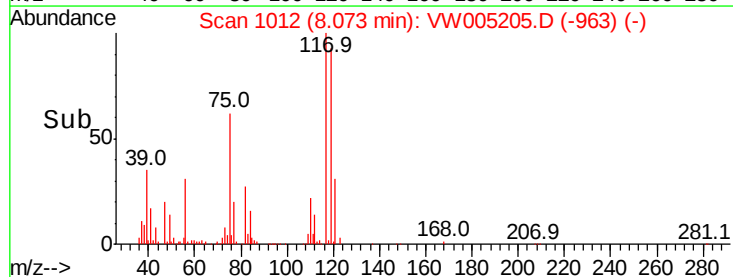
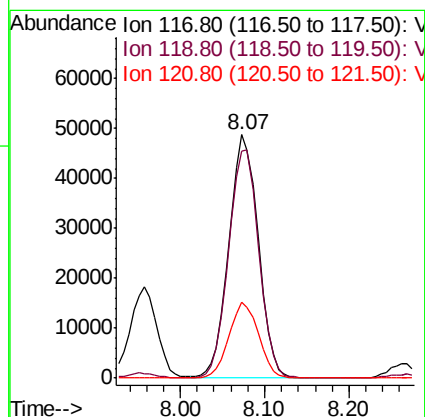
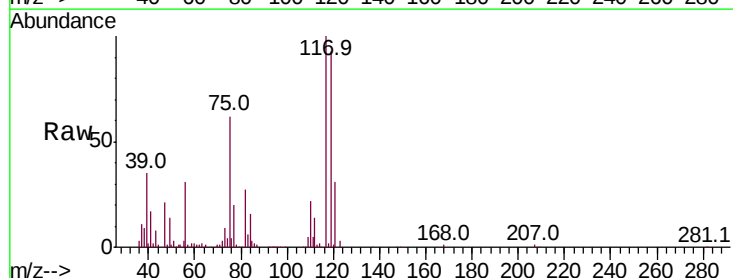
Instrument :
MSVOA_W
ClientSampleId :

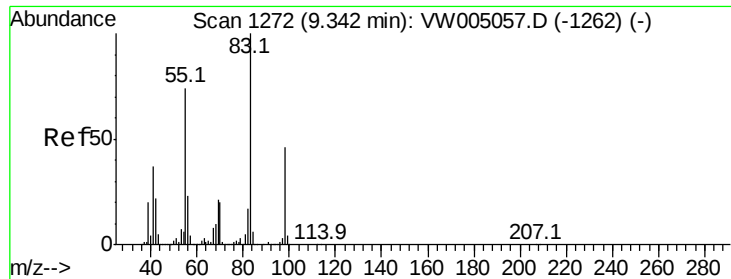
Tot Ion: 43 Resp: 53611
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 11.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.399 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 117 Resp: 115480
Ion Ratio Lower Upper
117 100
119 93.3 76.6 115.0
121 31.4 24.8 37.2

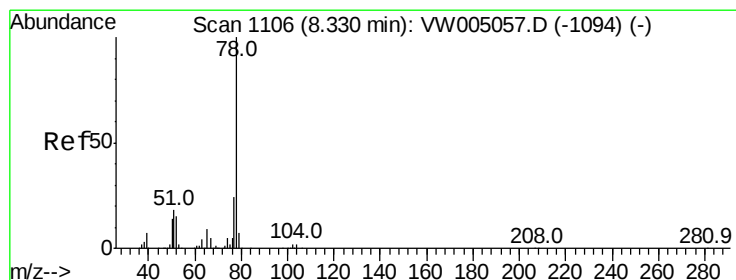
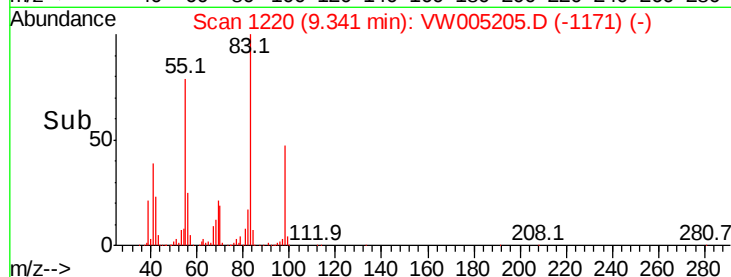
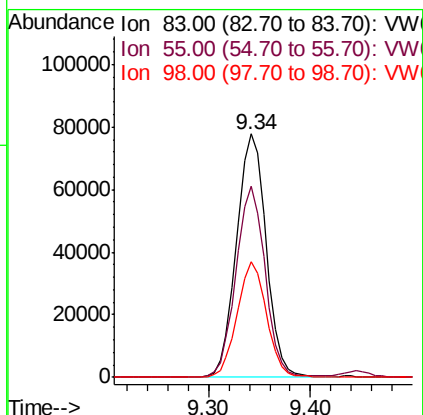
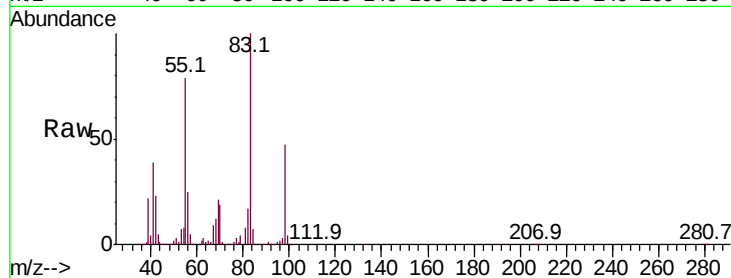




#39
Methvlcvclohexane
Concen: 20.791 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

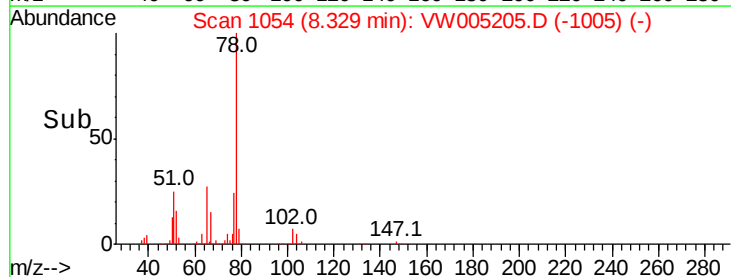
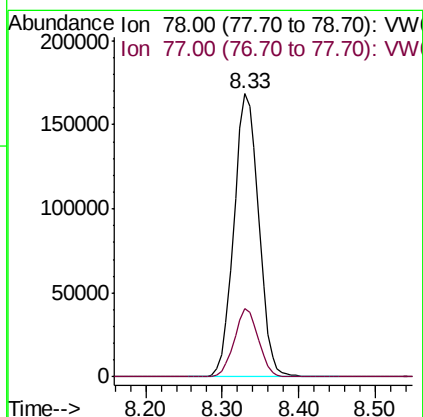
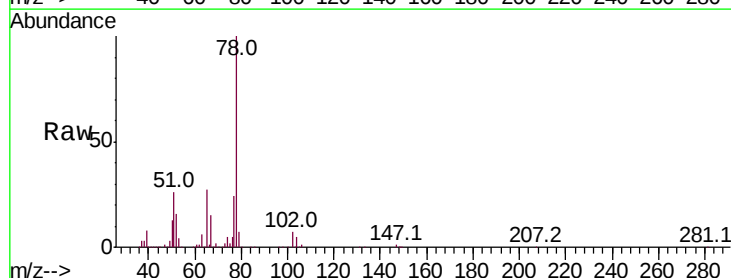
Instrument :
MSVOA_W
ClientSampled :

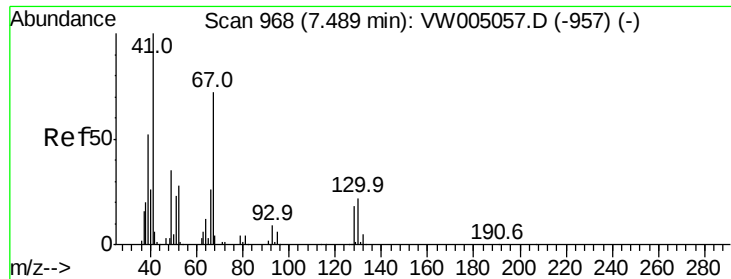
Tot Ion: 83 Resp: 157416
Ion Ratio Lower Upper
83 100
55 78.5 58.9 88.3
98 47.3 36.8 55.2



#40
Benzene
Concen: 19.748 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 78 Resp: 378497
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

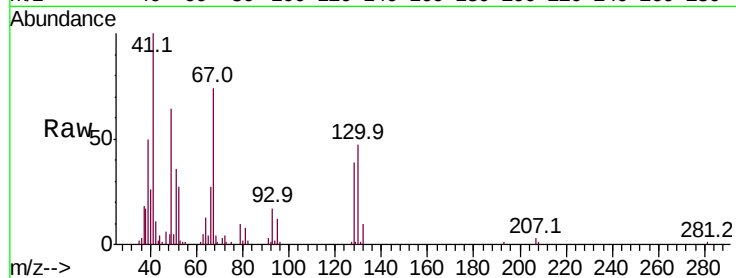




#41
Methacrylonitrile
Concen: 22.622 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	30688
Ion	Ratio	Lower	Upper
41	100		
39	48.9	41.8	62.8
67	72.8	60.4	90.6
52	27.1	23.8	35.8



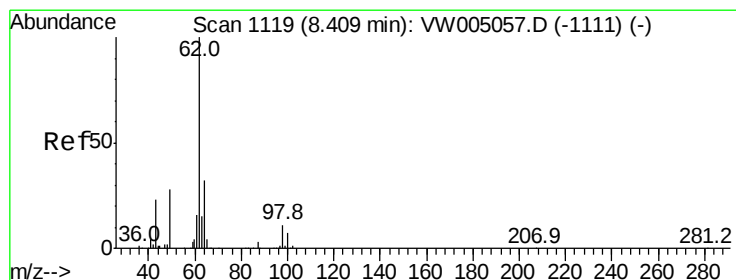
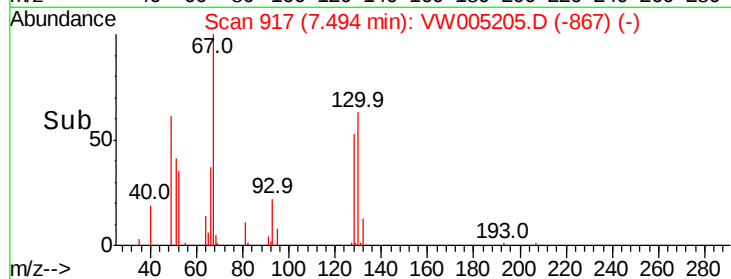
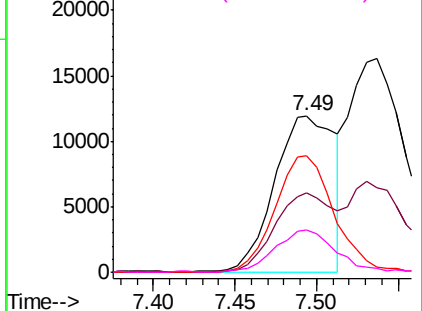
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

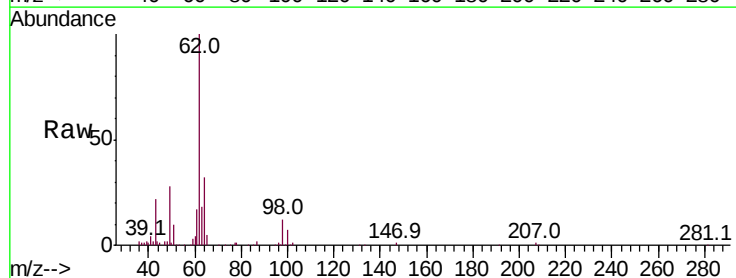
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 19.574 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

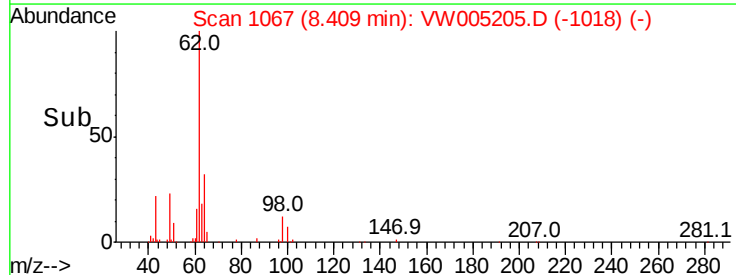
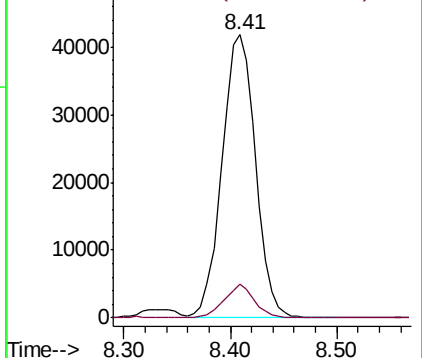
Tgt Ion:	62	Resp:	91813
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.8

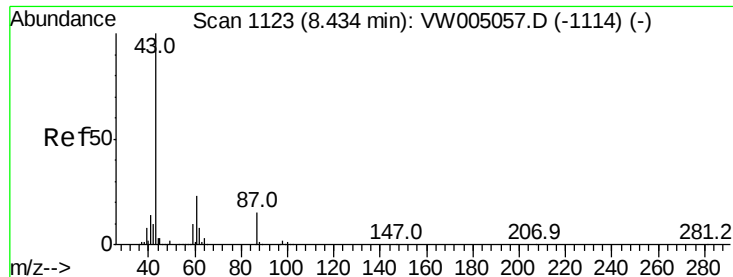


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.791 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

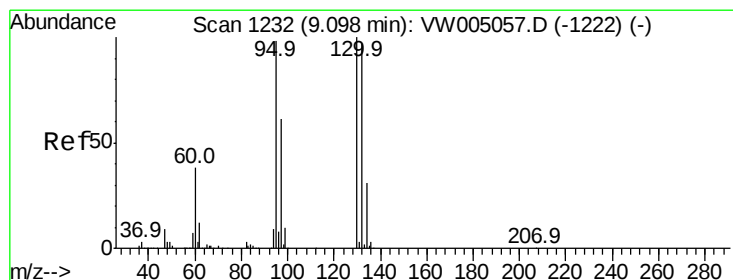
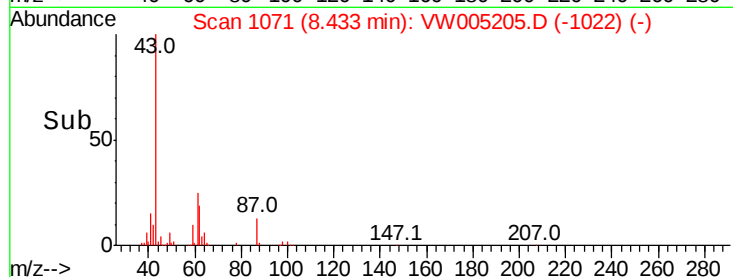
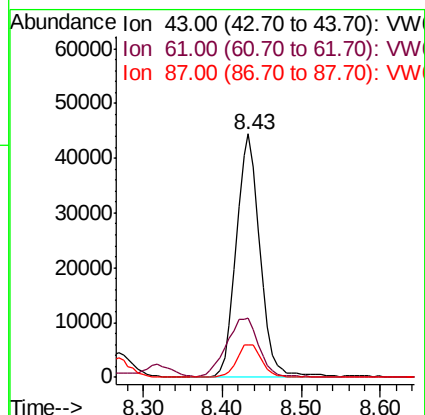
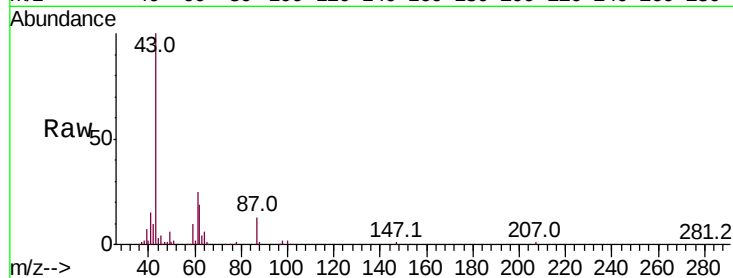
Tot Ion: 43 Resp: 92839

Ion Ratio Lower Upper

43 100

61 33.3 26.8 40.2

87 14.1 11.6 17.4



#44

Trichloroethene

Concen: 19.027 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005205.D

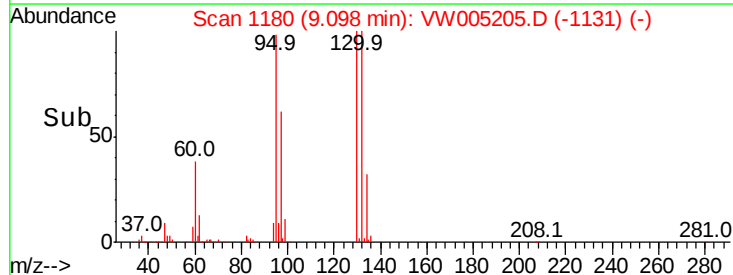
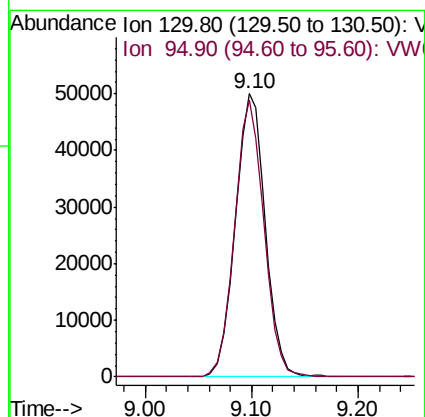
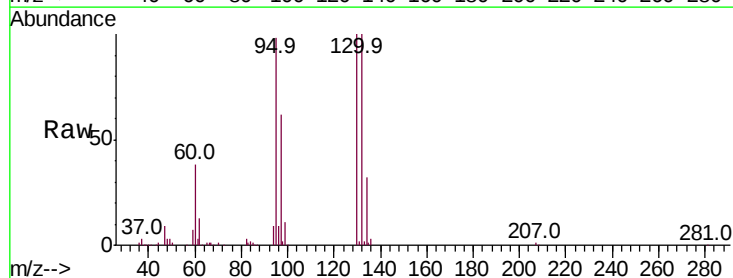
Acq: 07 Sep 2018 13:34

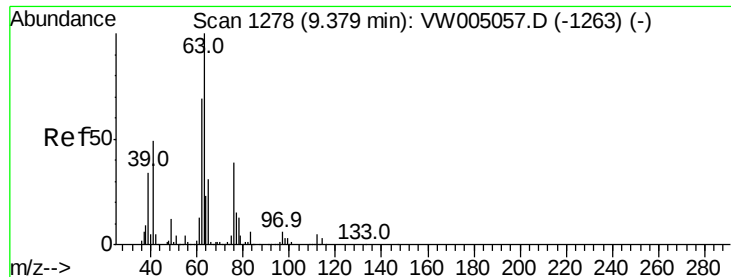
Tgt Ion:130 Resp: 98393

Ion Ratio Lower Upper

130 100

95 98.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 20.032 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

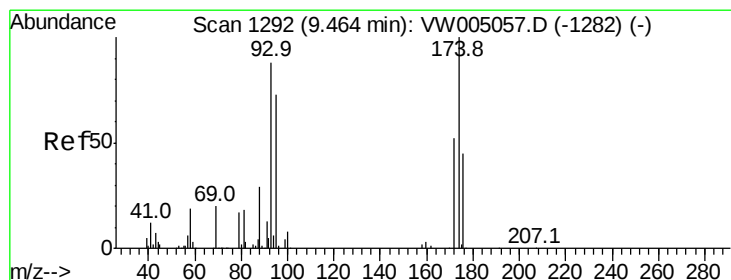
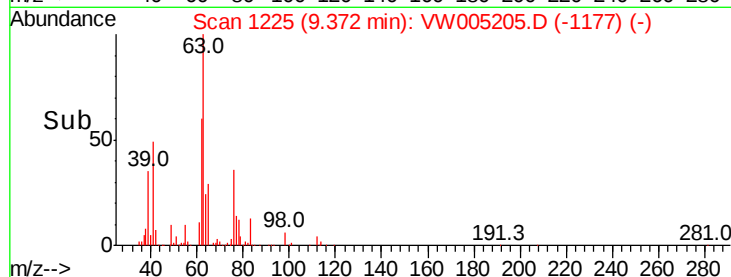
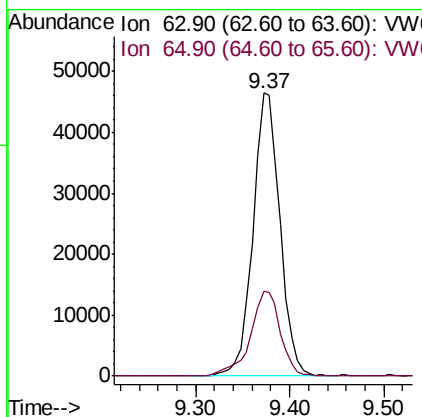
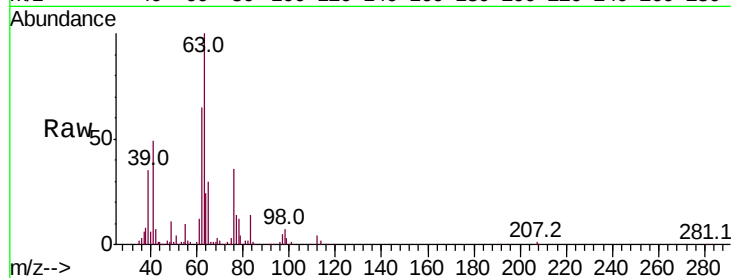
ClientSampled :

Tot Ion: 63 Resp: 93795

Ion Ratio Lower Upper

63 100

65 30.1 24.6 37.0



#46

Dibromomethane

Concen: 19.319 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

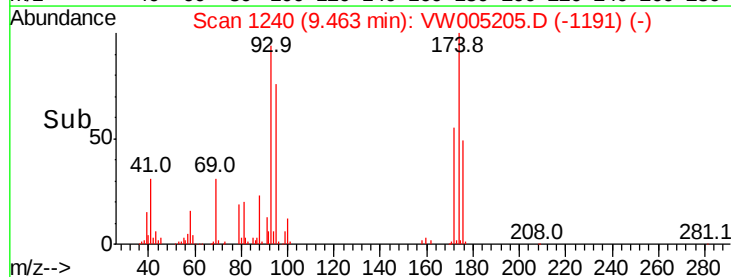
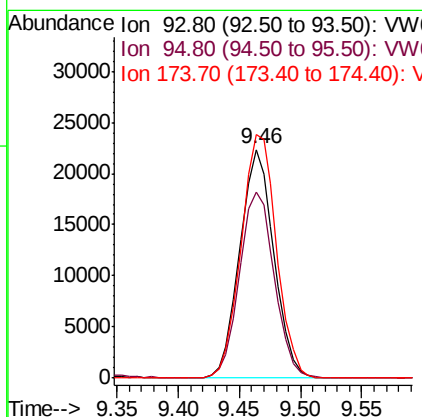
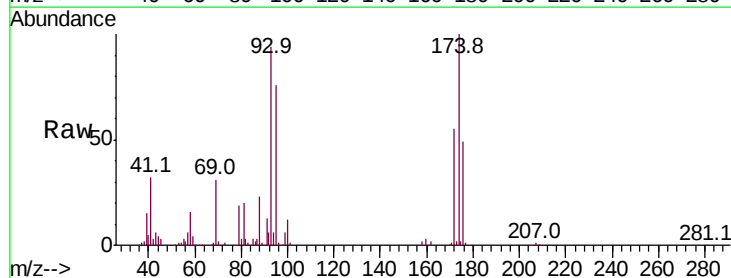
Tgt Ion: 93 Resp: 43254

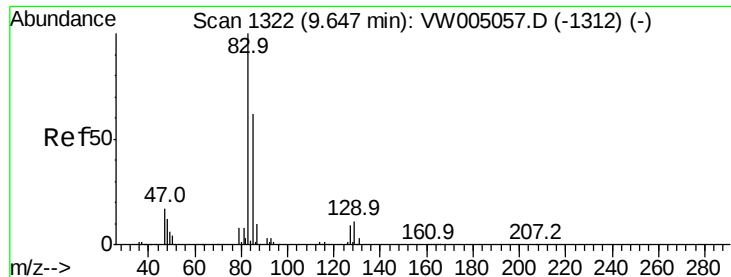
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 110.3 92.0 138.0





#47

Bromodichloromethane

Concen: 19.296 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :

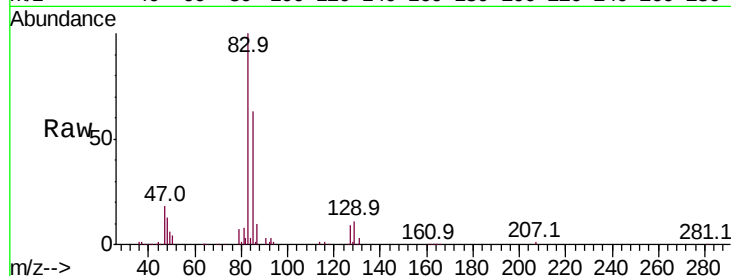
Tot Ion: 83 Resp: 108777

Ion Ratio Lower Upper

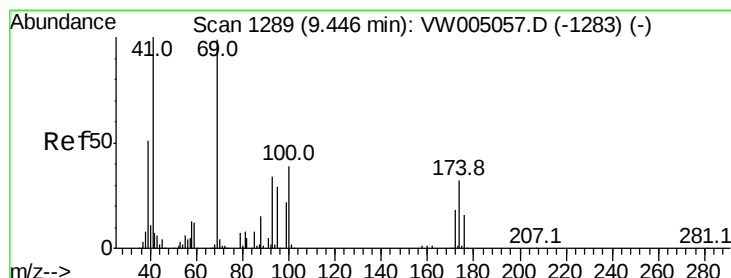
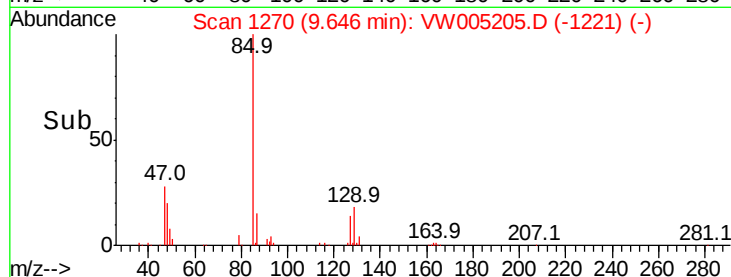
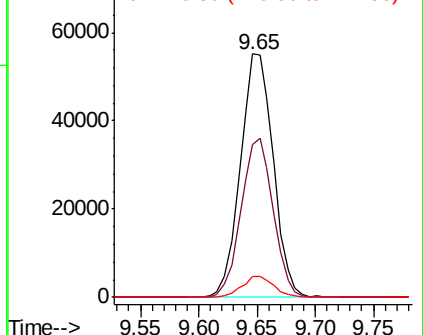
83 100

85 63.0 49.8 74.6

127 8.6 7.0 10.4



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



#48

Methyl methacrylate

Concen: 24.263 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

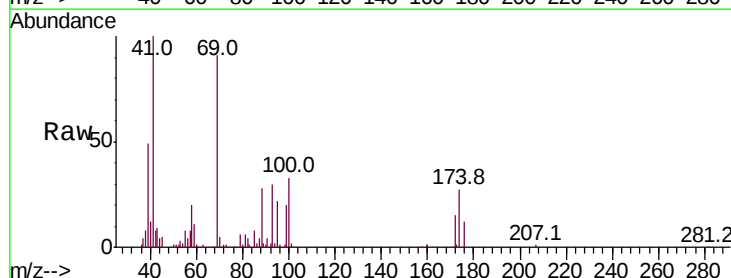
Tgt Ion: 41 Resp: 49775

Ion Ratio Lower Upper

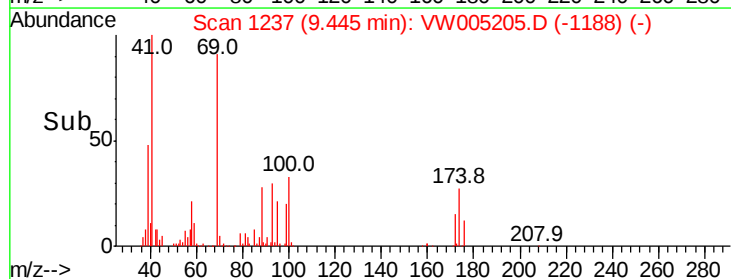
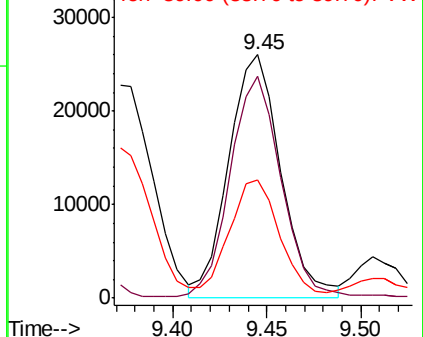
41 100

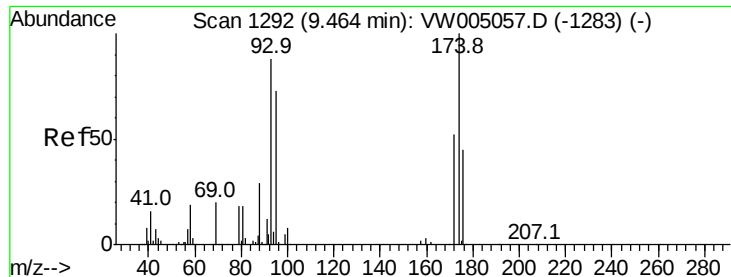
69 91.0 80.4 120.6

39 43.5 43.5 65.3#



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





#49

1,4-Dioxane

Concen: 451.029 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampled :

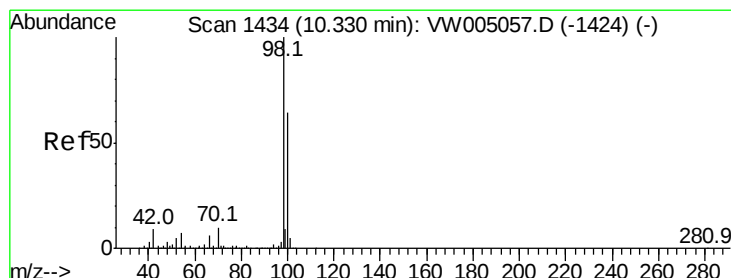
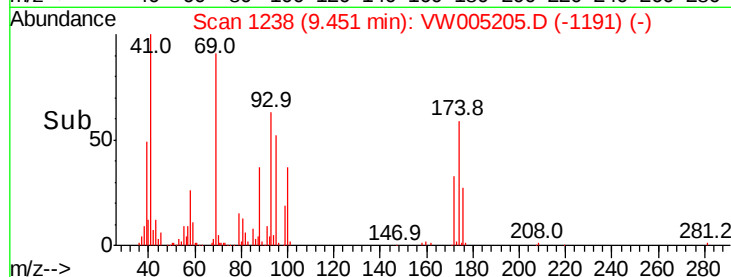
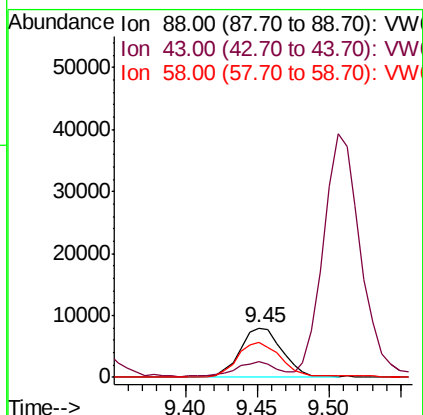
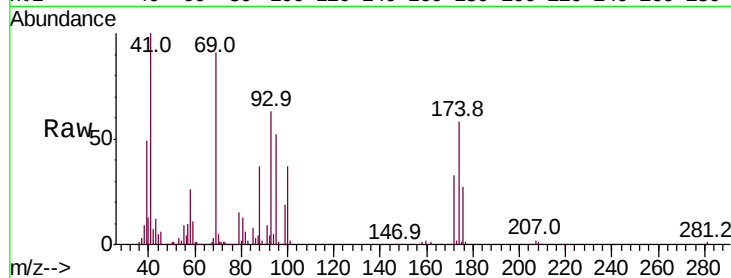
Tot Ion: 88 Resp: 16330

Ion Ratio Lower Upper

88 100

43 28.8 19.8 29.6

58 72.7 57.1 85.7



#50

Toluene-d8

Concen: 53.471 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005205.D

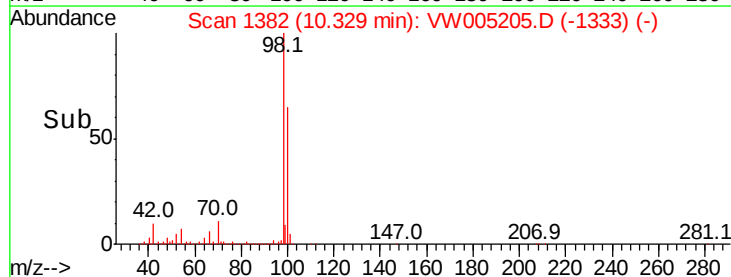
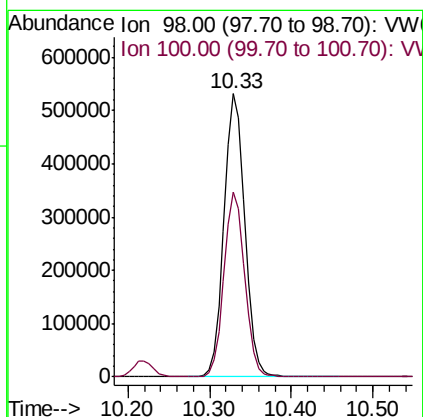
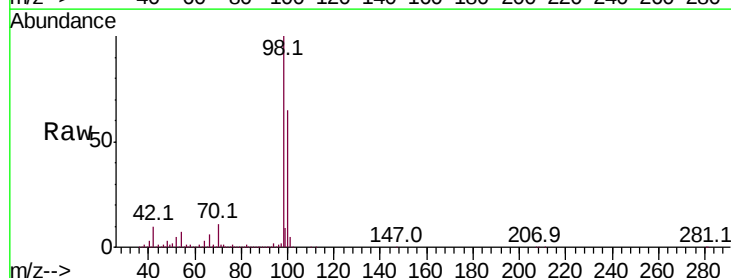
Acq: 07 Sep 2018 13:34

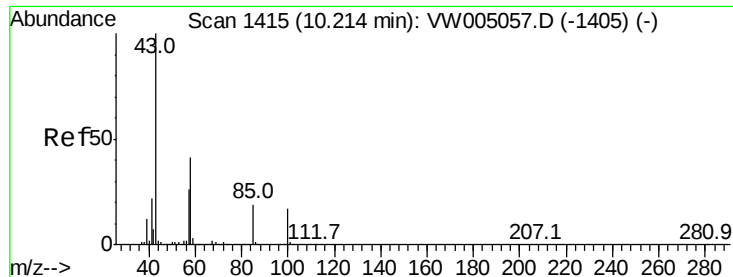
Tgt Ion: 98 Resp: 935961

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 115.935 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

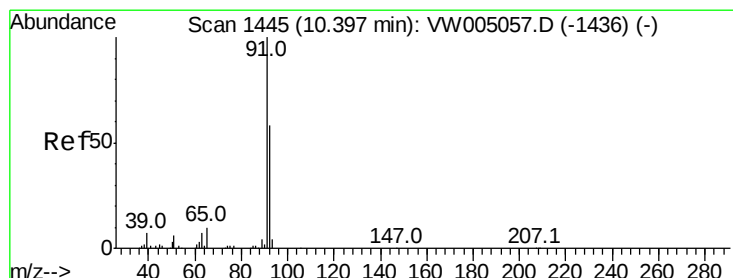
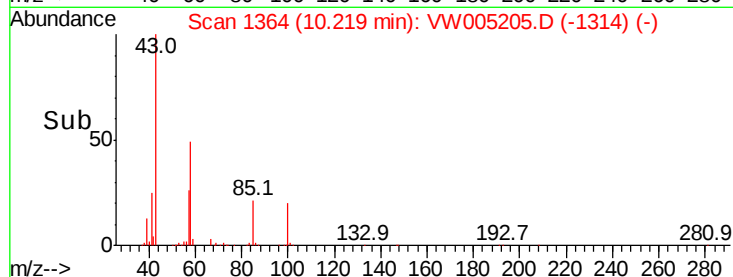
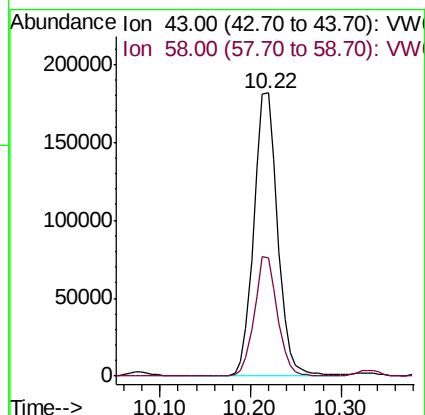
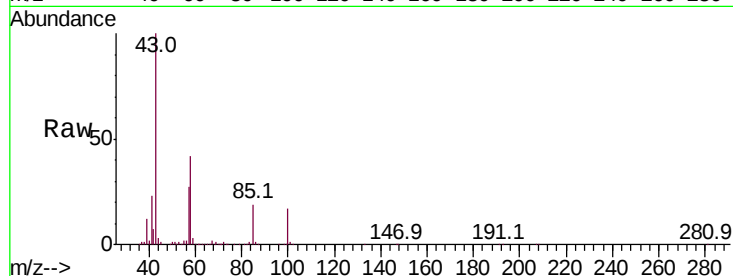
ClientSampleId :

Tot Ion: 43 Resp: 331038

Ion Ratio Lower Upper

43 100

58 40.8 33.3 49.9



#52

Toluene

Concen: 20.586 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005205.D

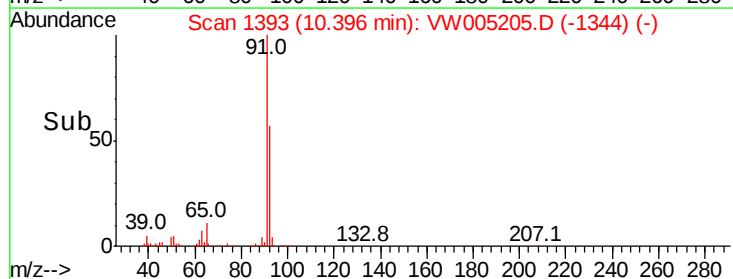
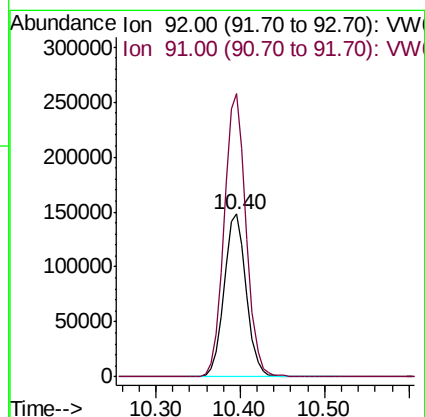
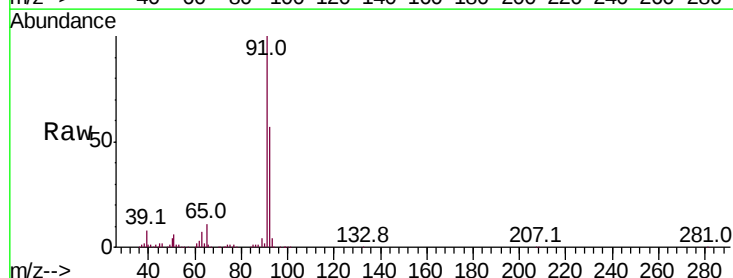
Acq: 07 Sep 2018 13:34

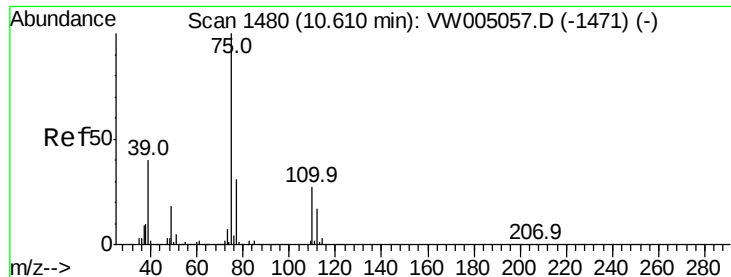
Tgt Ion: 92 Resp: 267340

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.096 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

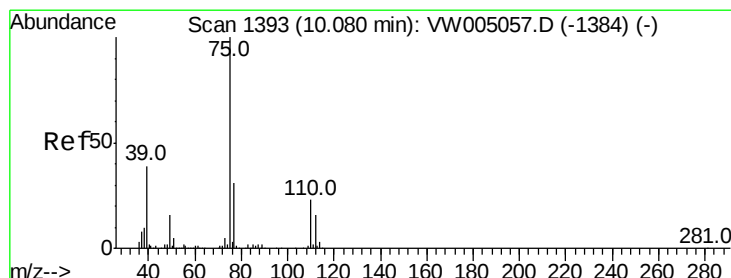
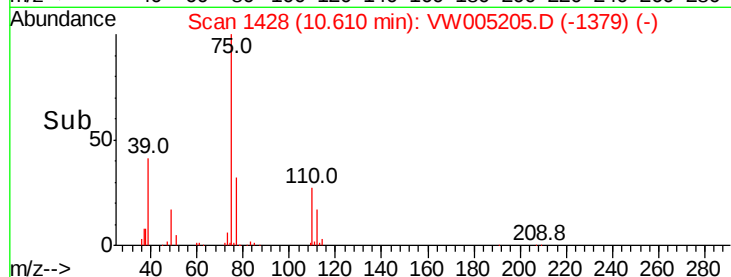
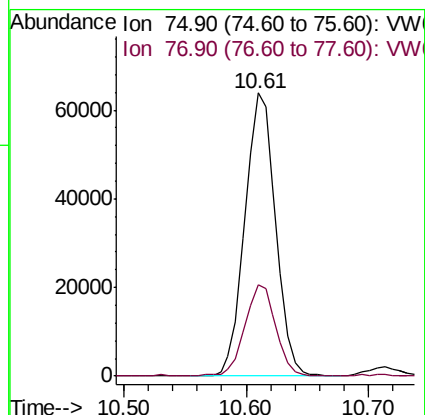
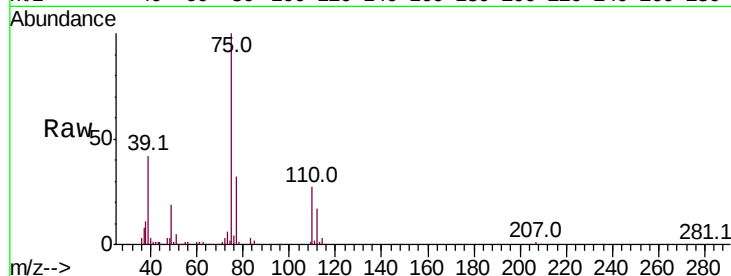
ClientSampleId :

Tot Ion: 75 Resp: 111318

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.928 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

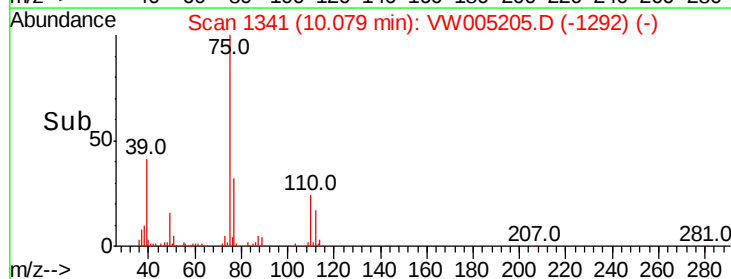
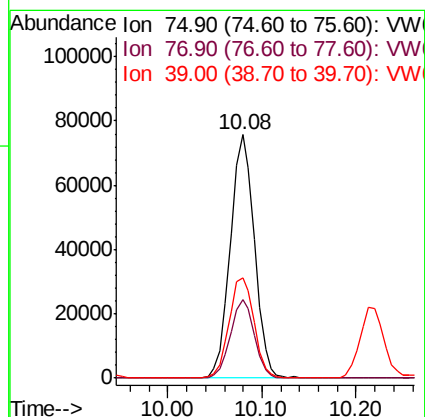
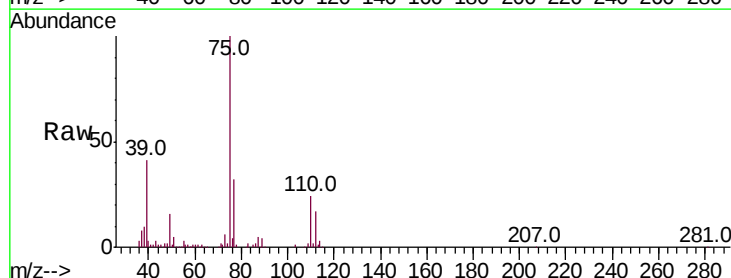
Tgt Ion: 75 Resp: 134250

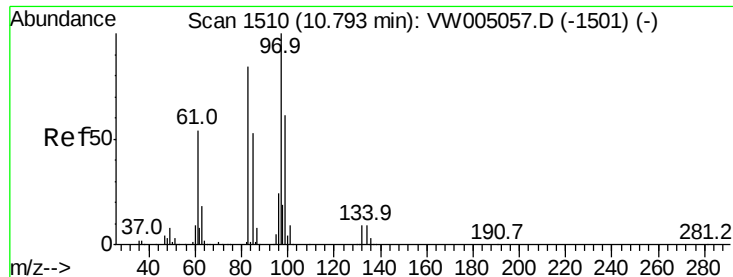
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 40.8 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 19.980 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 69259

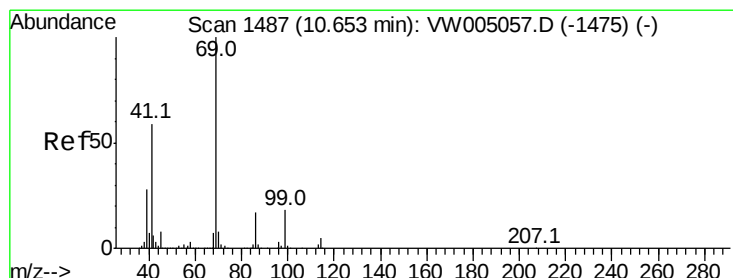
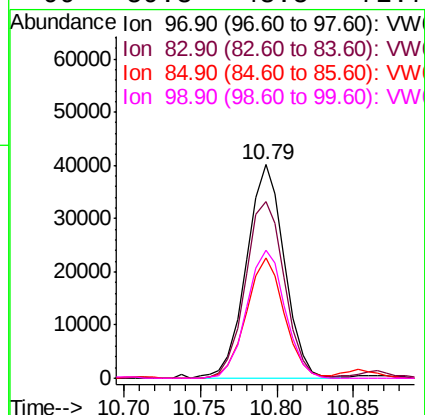
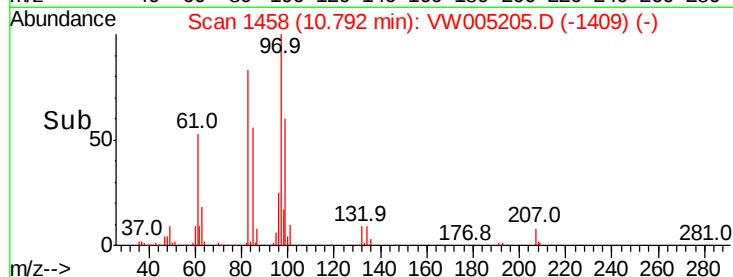
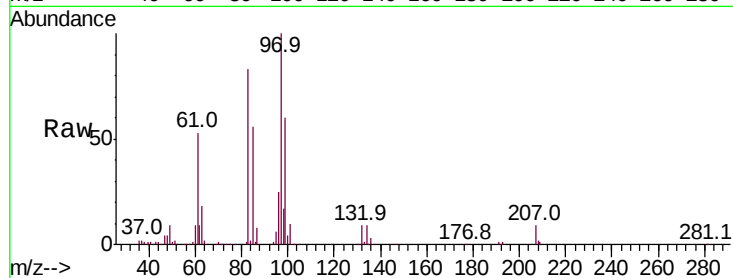
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.0	100.6
85	56.5	42.3	63.5
99	59.8	48.5	72.7

97 100

83 82.5 67.0 100.6

85 56.5 42.3 63.5

99 59.8 48.5 72.7



#56

Ethyl methacrylate

Concen: 21.676 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

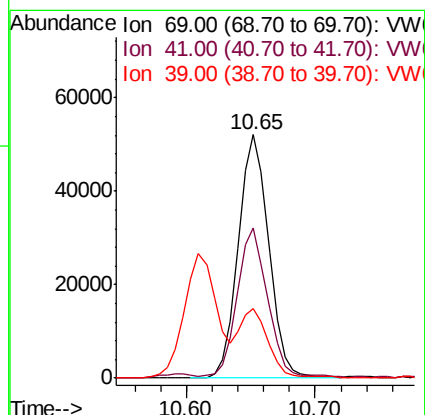
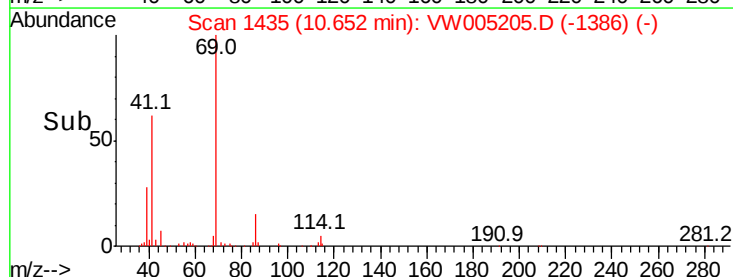
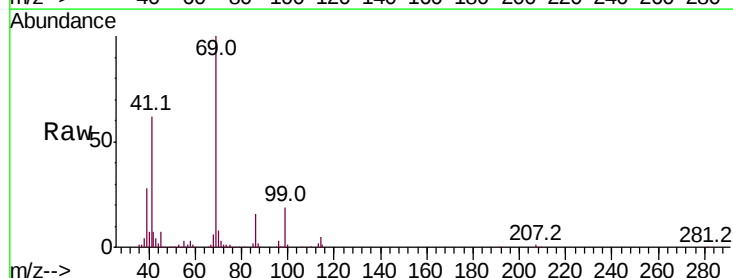
Tgt Ion: 69 Resp: 85722

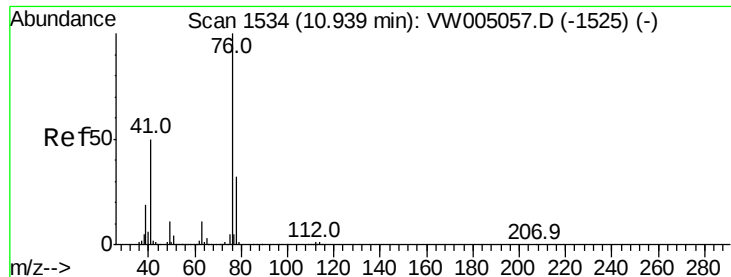
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.8	71.6
39	27.1	21.1	31.7

69 100

41 61.1 47.8 71.6

39 27.1 21.1 31.7





#57

1,3-Dichloropropane

Concen: 20.205 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

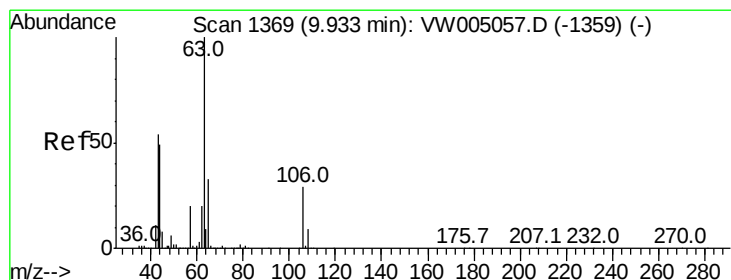
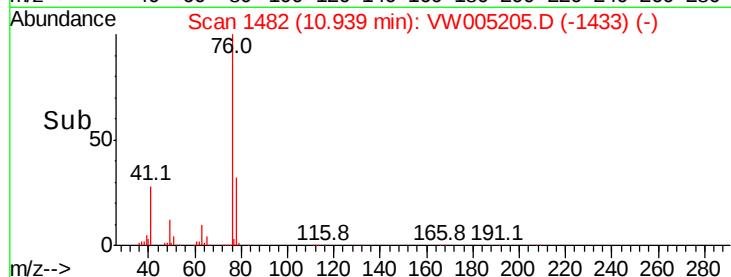
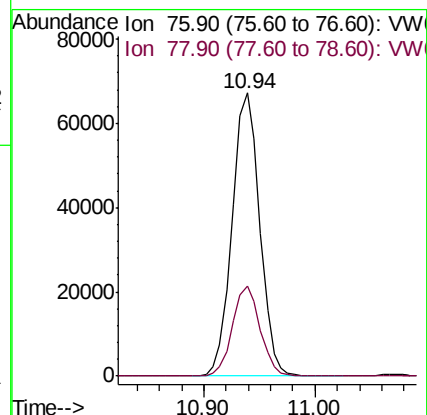
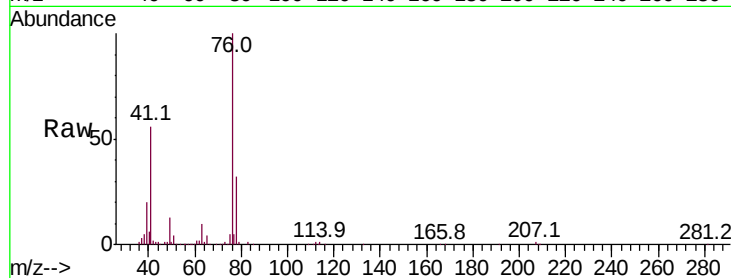
ClientSampleId :

Tot Ion: 76 Resp: 115308

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 117.350 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005205.D

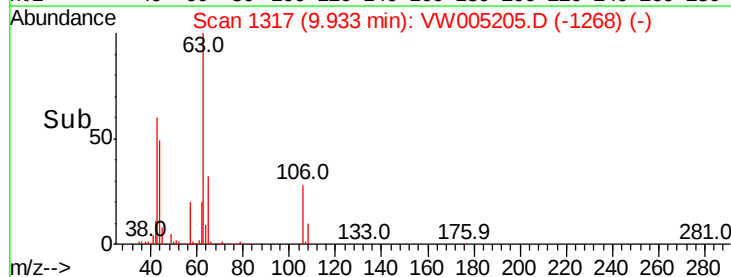
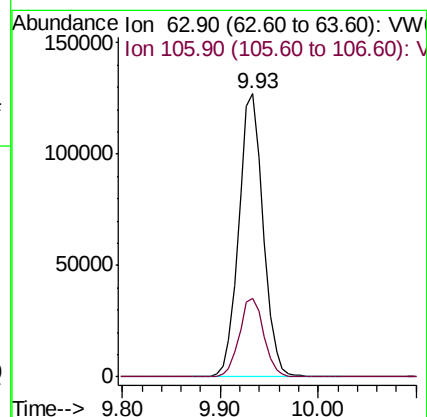
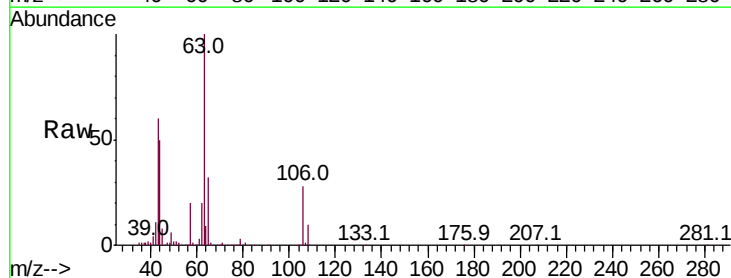
Acq: 07 Sep 2018 13:34

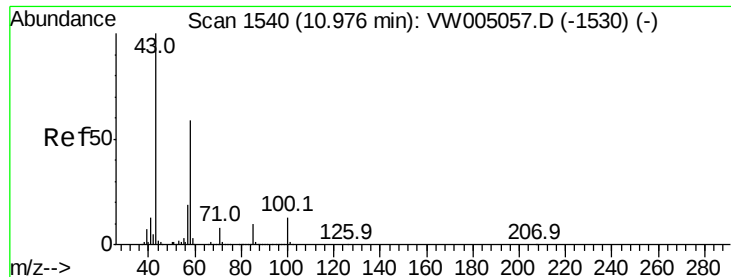
Tgt Ion: 63 Resp: 219908

Ion Ratio Lower Upper

63 100

106 28.0 23.1 34.7

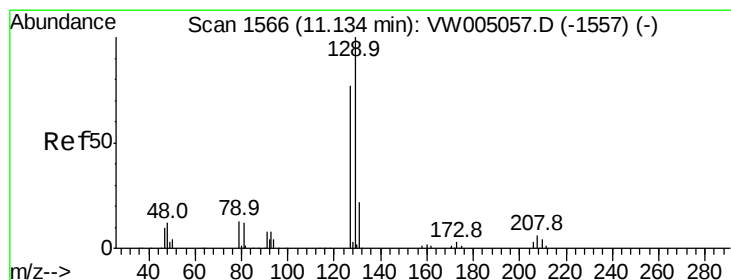
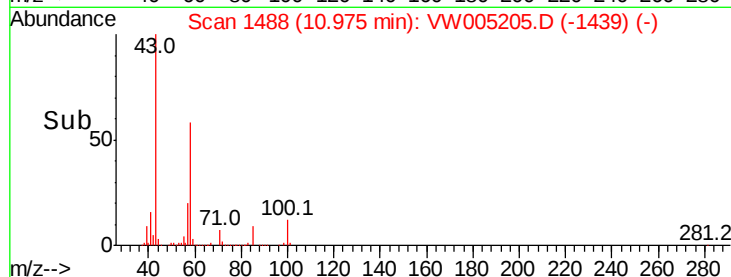
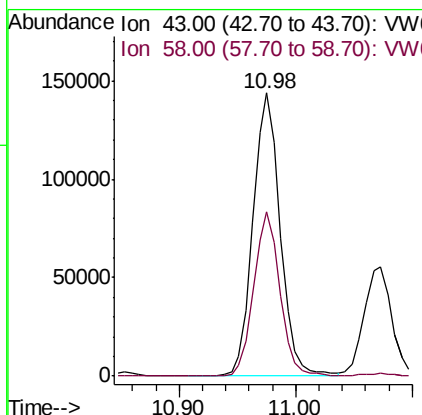
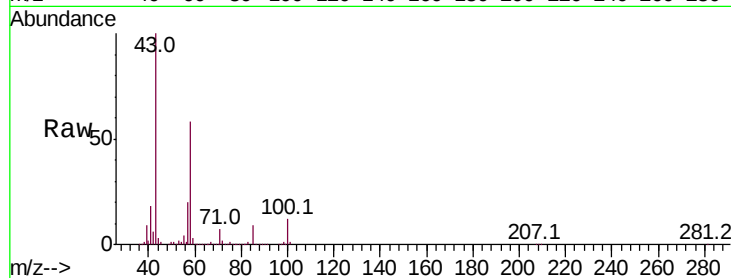




#59
2-Hexanone
Concen: 121.450 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

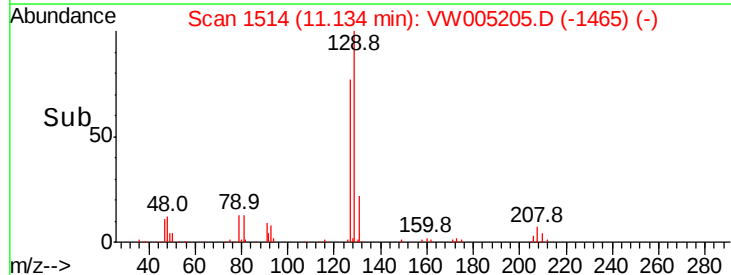
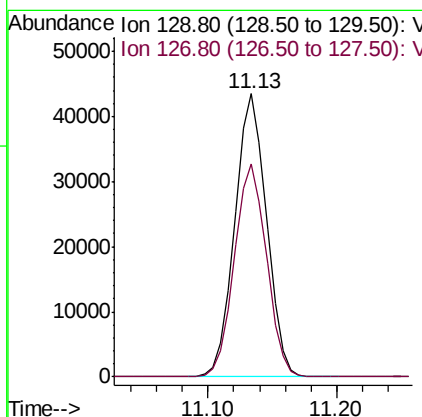
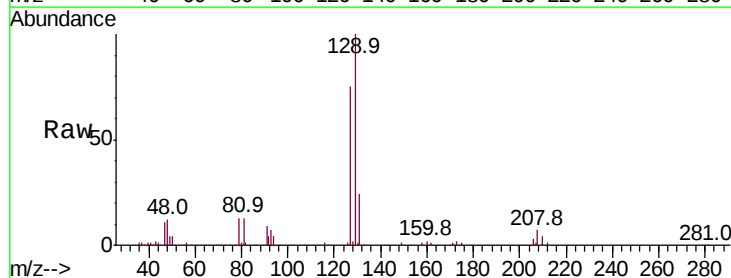
Instrument :
MSVOA_W
ClientSampleId :

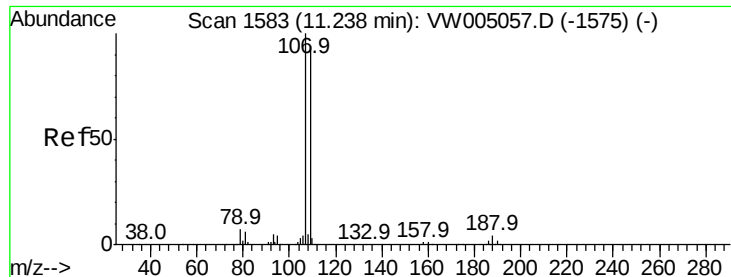
Tot Ion: 43 Resp: 234553
Ion Ratio Lower Upper
43 100
58 56.1 28.7 86.3



#60
Dibromochloromethane
Concen: 18.968 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 129 Resp: 74333
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.593 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

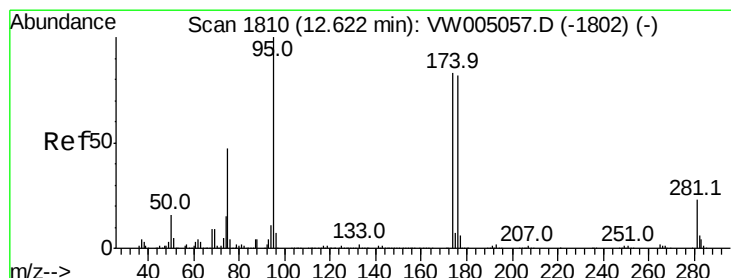
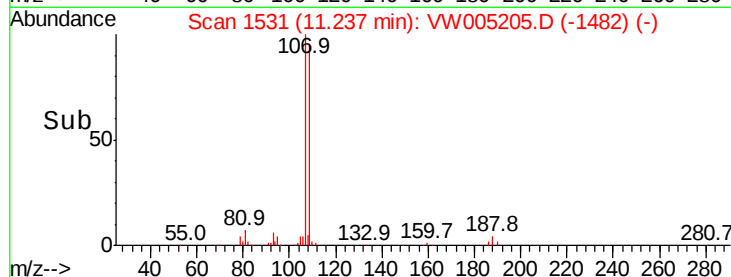
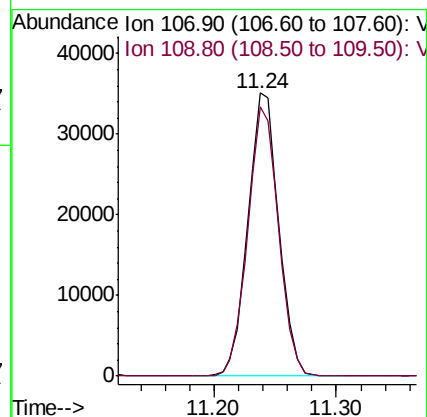
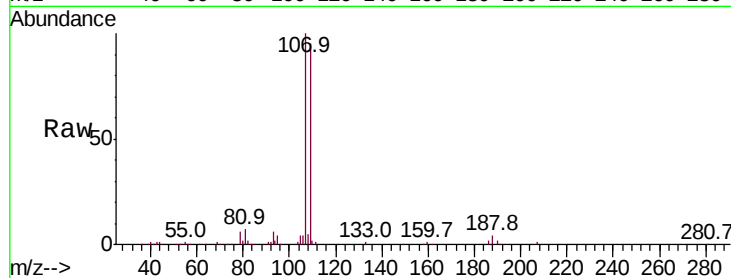
ClientSampleId :

Tot Ion:107 Resp: 61319

Ion Ratio Lower Upper

107 100

109 95.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 55.664 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

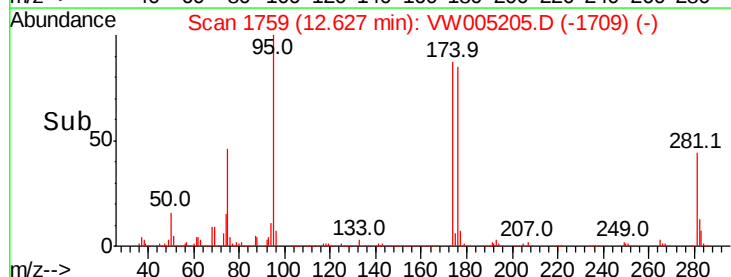
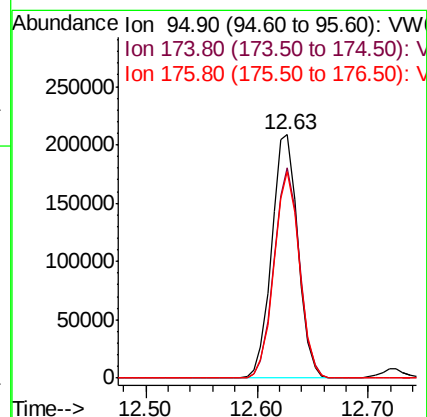
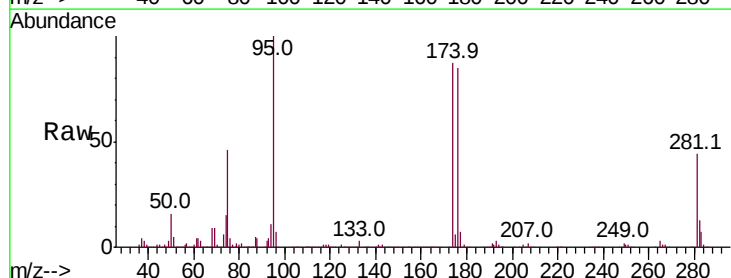
Tgt Ion: 95 Resp: 343565

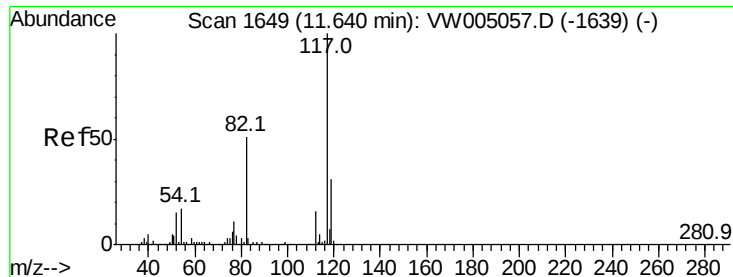
Ion Ratio Lower Upper

95 100

174 83.8 0.0 173.4

176 82.0 0.0 167.4

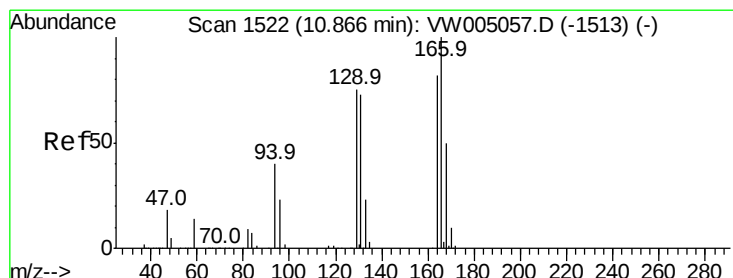
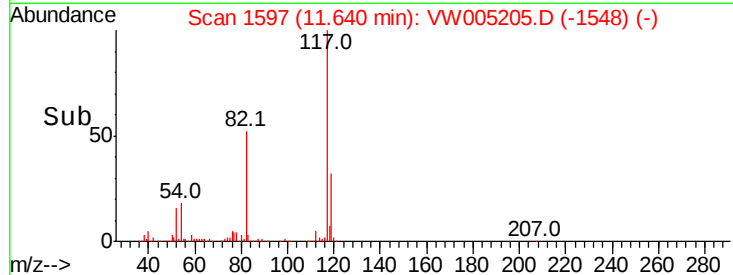
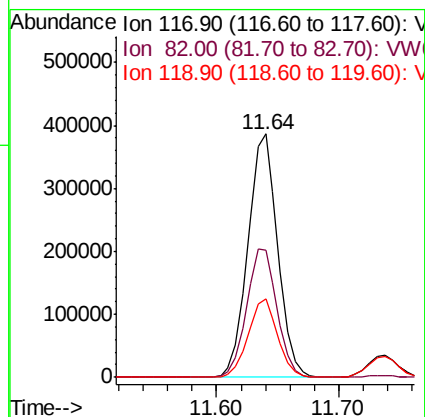
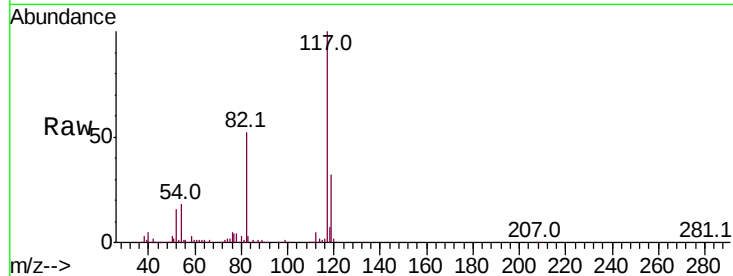




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

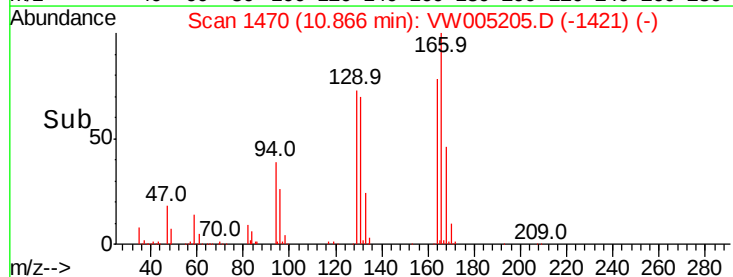
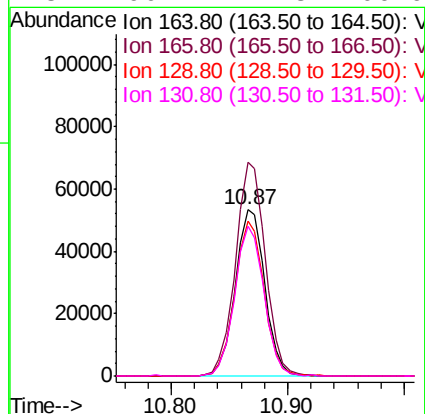
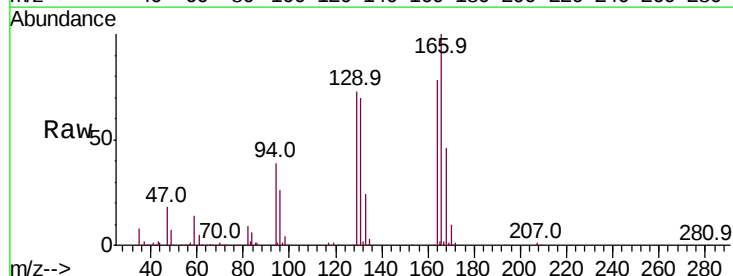
Instrument :
MSVOA_W
ClientSampled :

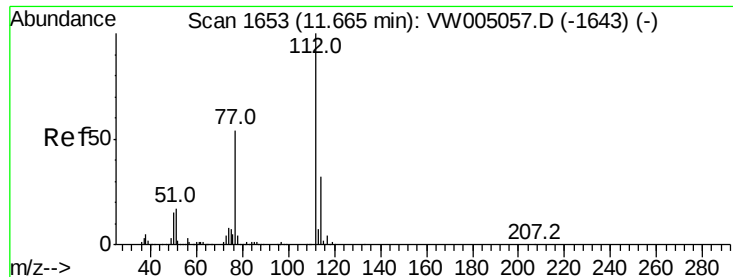
Tot Ion:117 Resp: 652603
Ion Ratio Lower Upper
117 100
82 52.4 40.9 61.3
119 32.4 24.9 37.3



#64
Tetrachloroethene
Concen: 18.500 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion:164 Resp: 94726
Ion Ratio Lower Upper
164 100
166 128.5 97.3 145.9
129 93.6 73.1 109.7
131 90.4 71.3 106.9

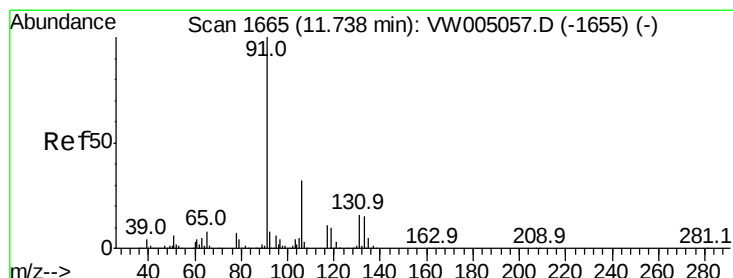
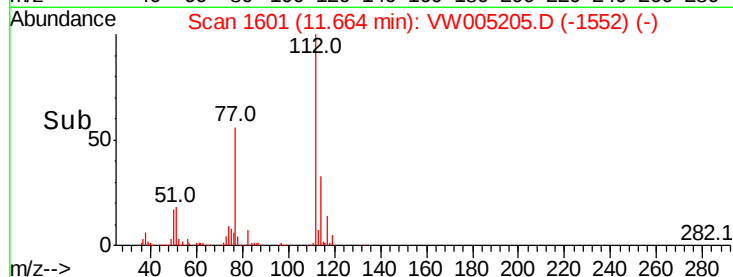
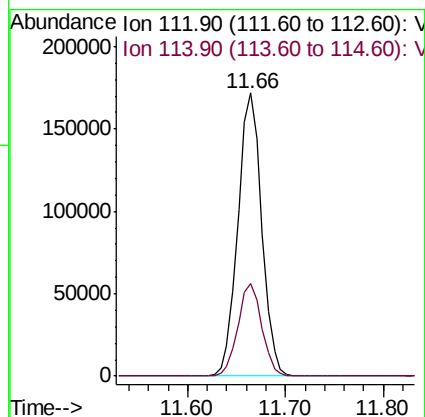
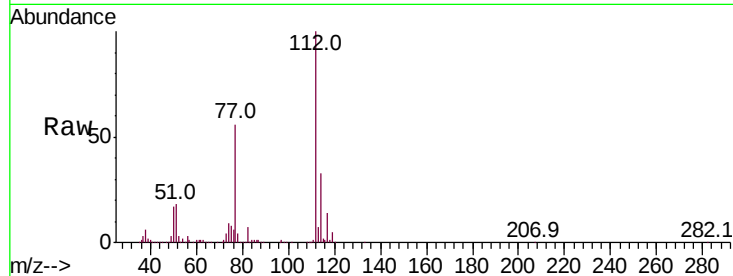




#65
Chlorobenzene
Concen: 19.756 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

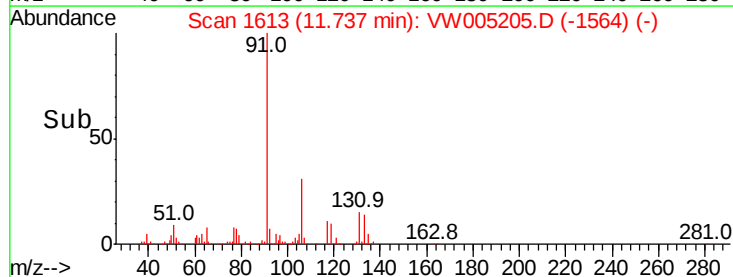
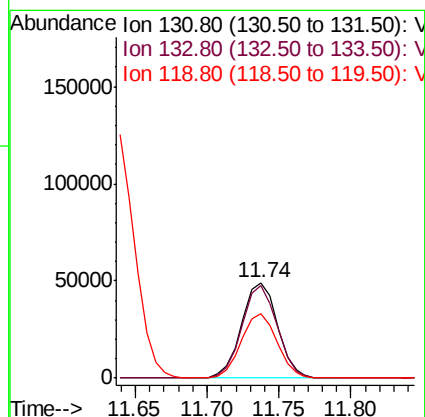
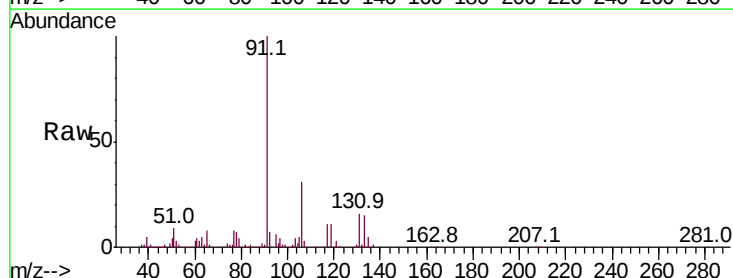
Instrument :
MSVOA_W
ClientSampleId :

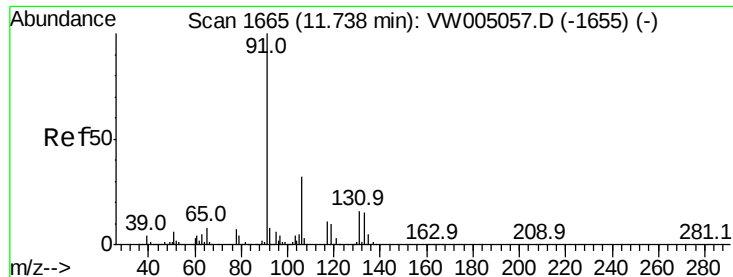
Tot Ion:112 Resp: 290250
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.017 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion:131 Resp: 85380
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 67.4 33.4 100.1

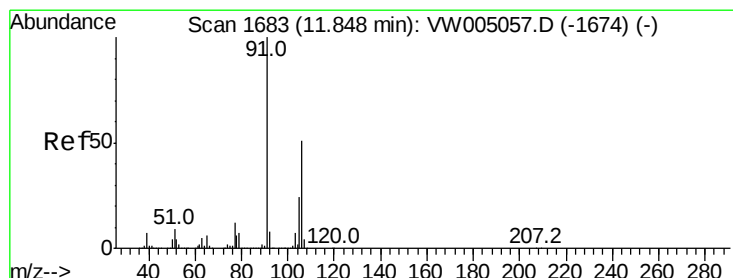
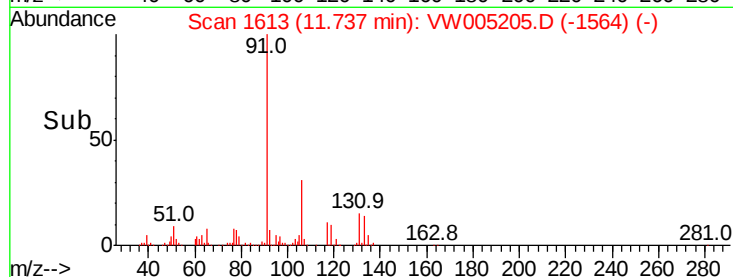
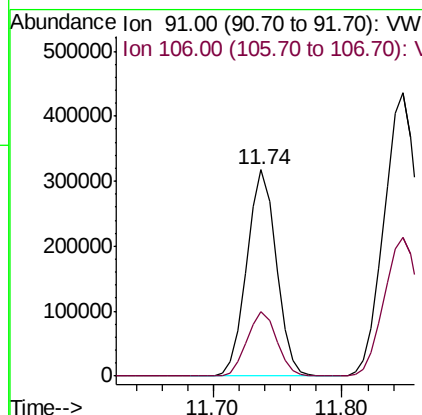
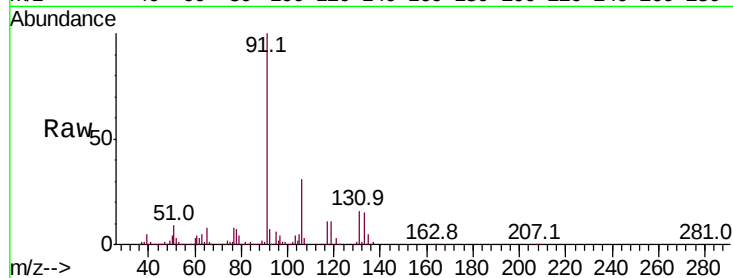




#67
Ethyl Benzene
Concen: 20.199 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

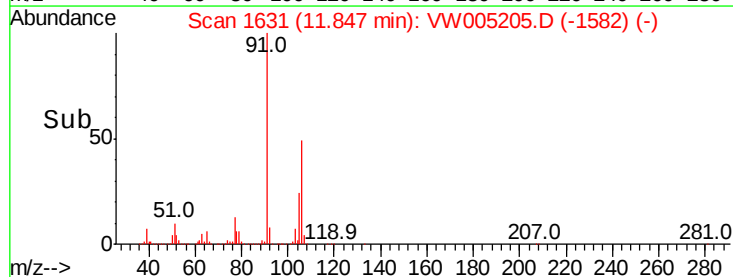
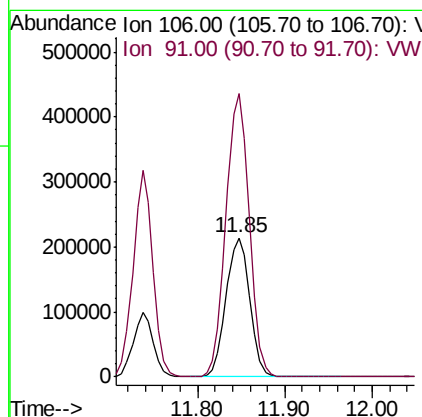
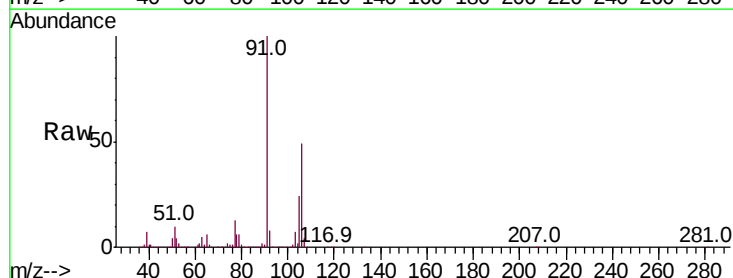
Instrument :
MSVOA_W
ClientSampled :

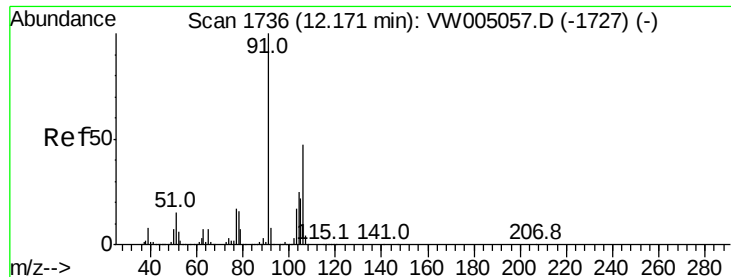
Tot Ion: 91 Resp: 501675
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 40.558 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion: 106 Resp: 403335
Ion Ratio Lower Upper
106 100
91 200.2 158.4 237.6

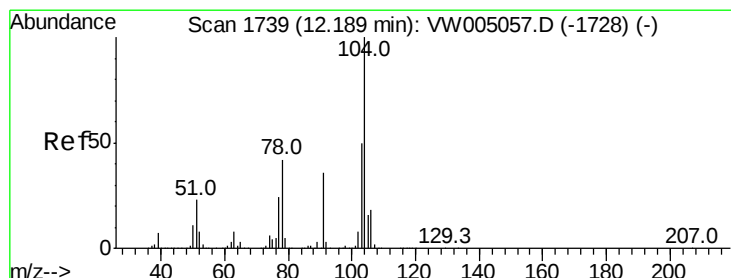
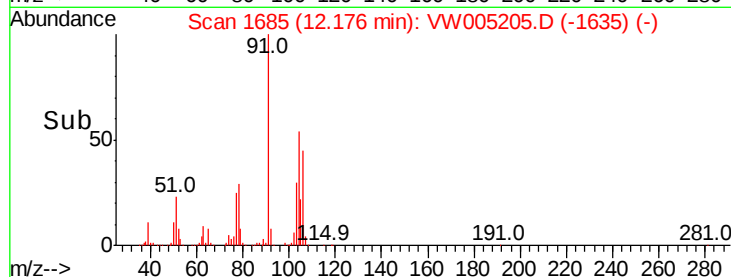
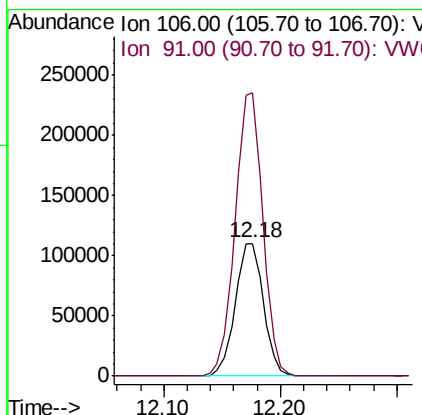
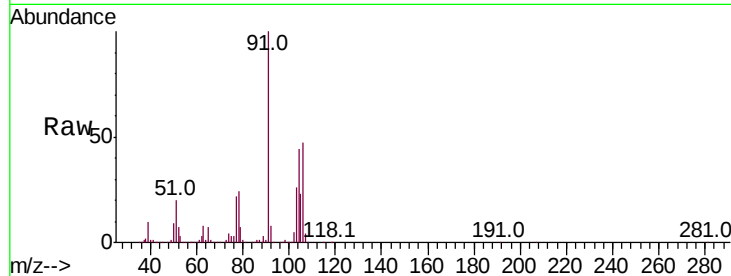




#69
o-Xylene
Concen: 20.162 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

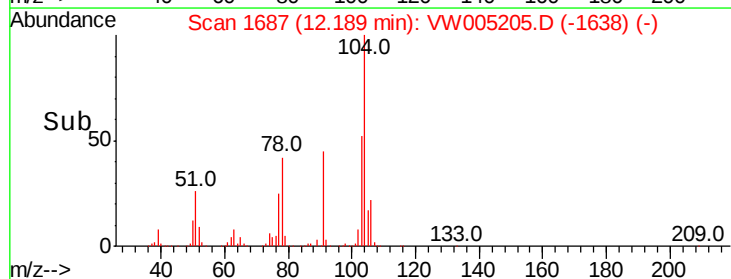
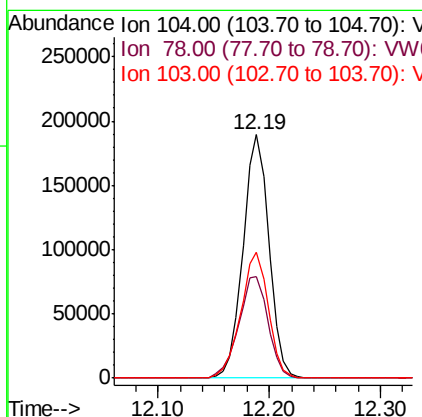
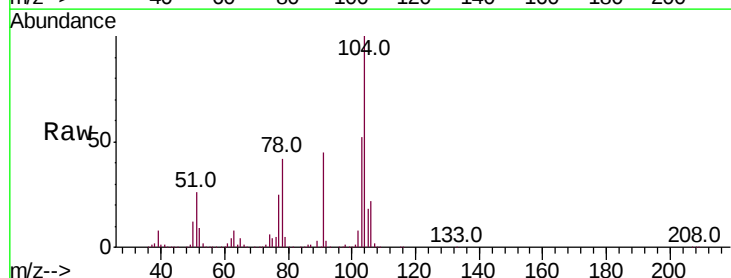
Instrument :
MSVOA_W
ClientSampled :

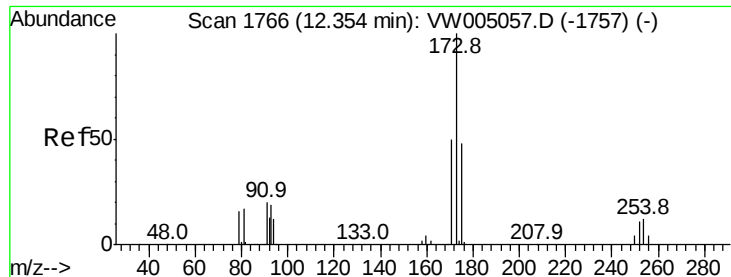
Tot Ion:106 Resp: 185377
Ion Ratio Lower Upper
106 100
91 211.9 105.6 316.8



#70
Styrene
Concen: 20.207 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion:104 Resp: 306905
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.6
103 54.9 44.1 66.1

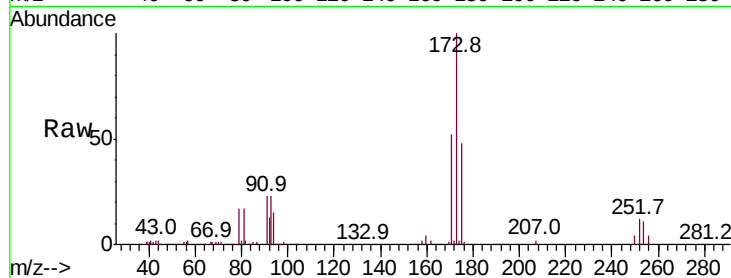




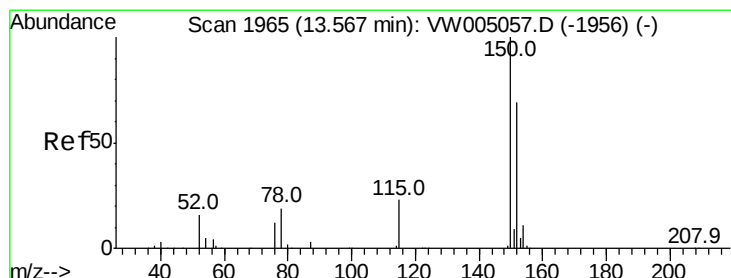
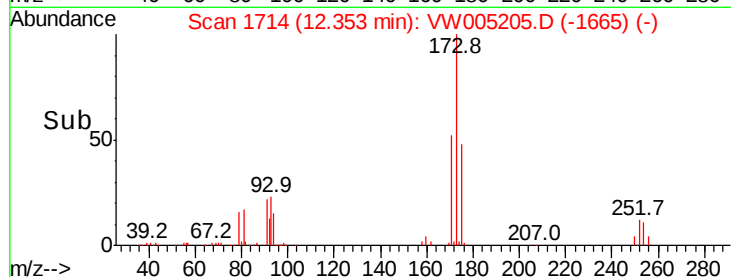
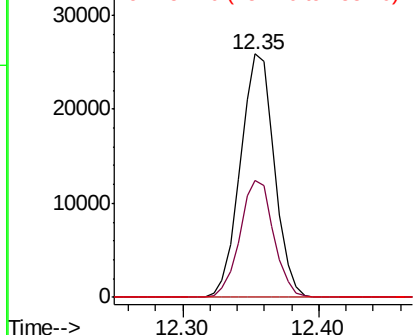
#71
Bromoform
Concen: 18.922 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 45025
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.2
254 0.0 0.2 0.2#

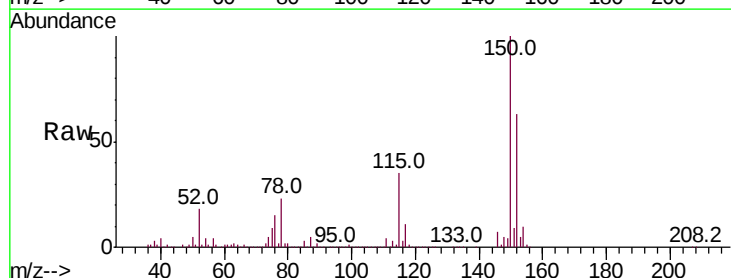


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

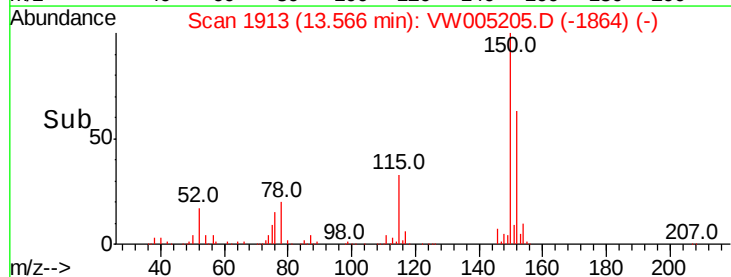
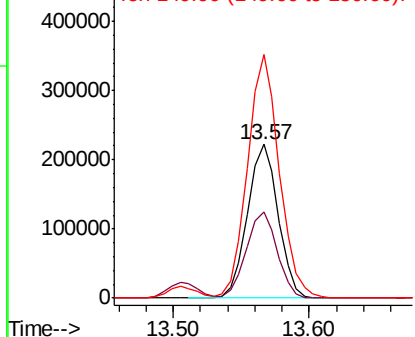


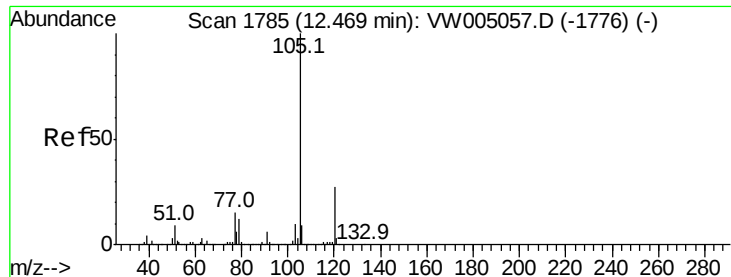
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion:152 Resp: 351611
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.4
150 163.4 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.426 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

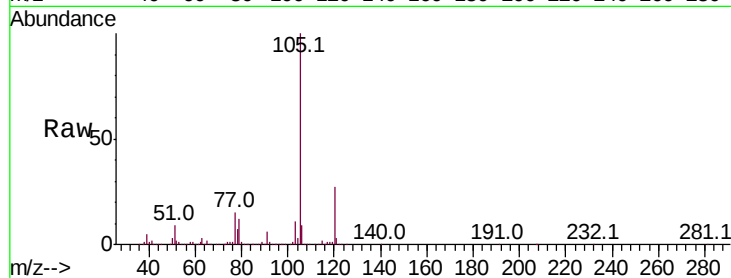
ClientSampleId :

Tot Ion:105 Resp: 506405

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

300000

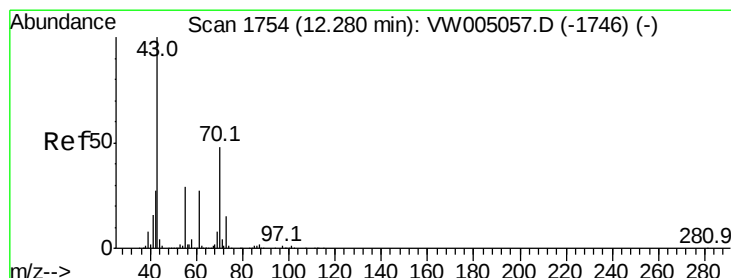
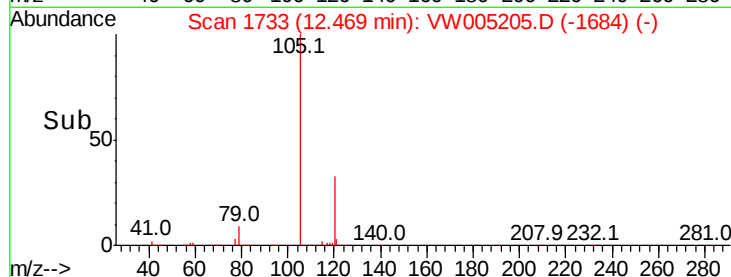
200000

100000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 23.089 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion: 43 Resp: 98564

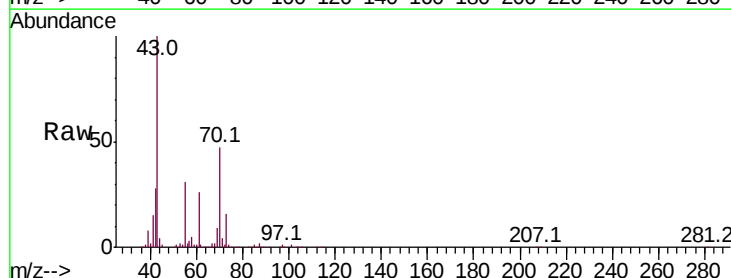
Ion Ratio Lower Upper

43 100

70 45.7 38.2 57.4

55 29.9 23.2 34.8

61 25.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

100000

80000

60000

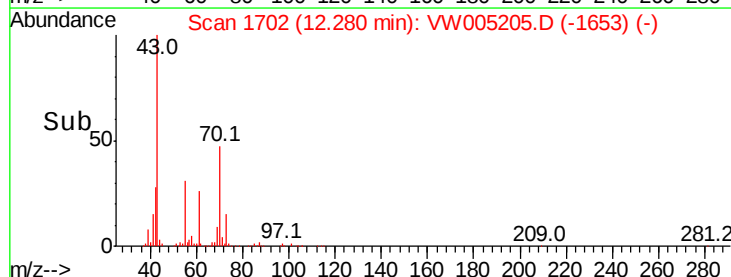
40000

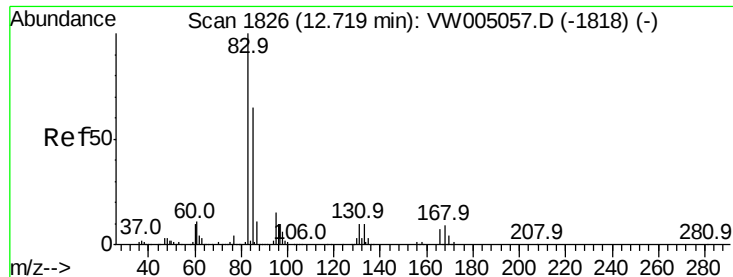
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 21.119 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampled :

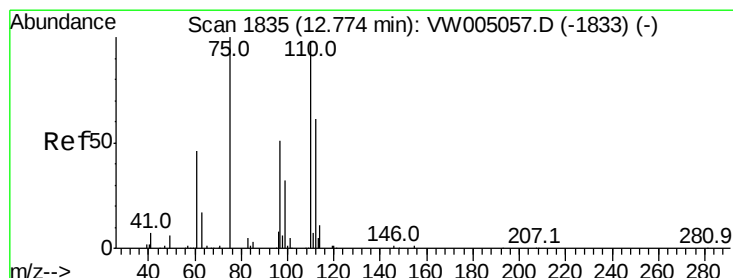
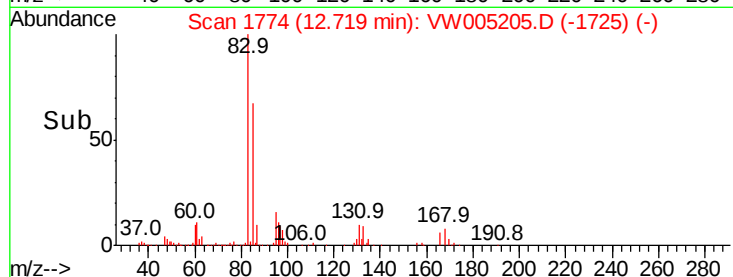
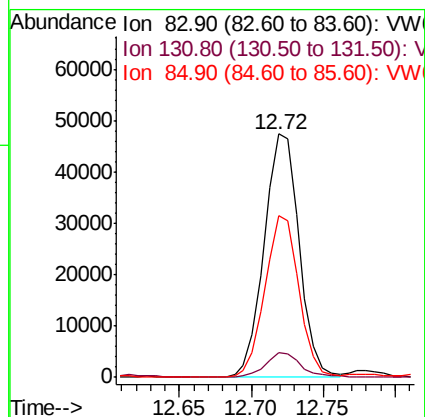
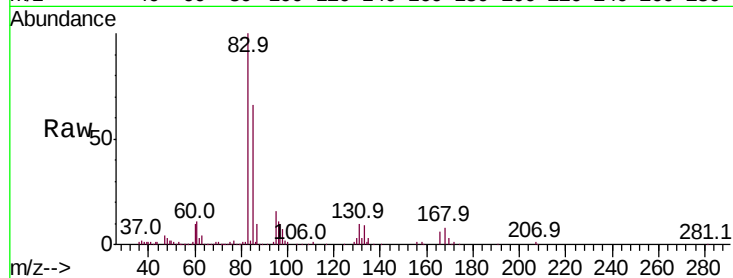
Tot Ion: 83 Resp: 79707

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 64.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 39.416 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005205.D

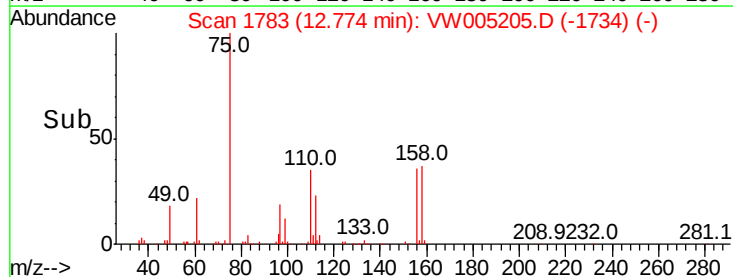
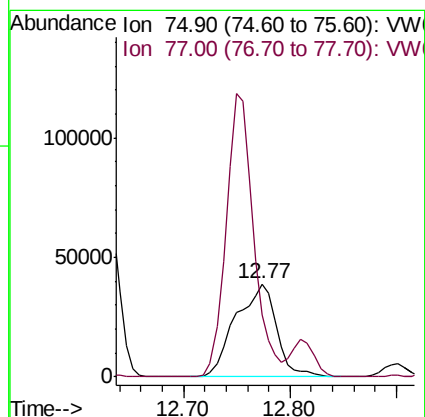
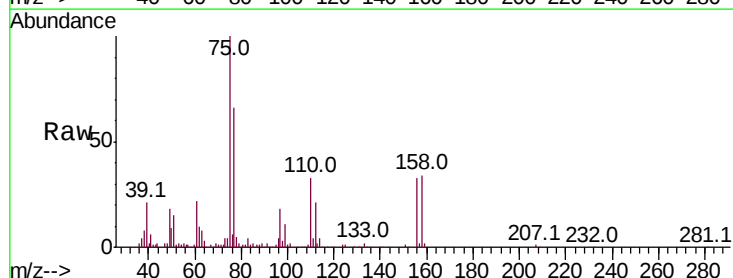
Acq: 07 Sep 2018 13:34

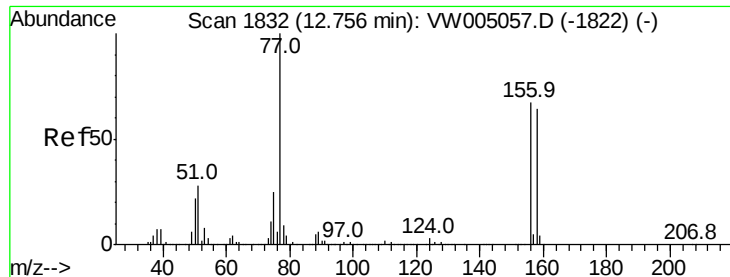
Tgt Ion: 75 Resp: 104030

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.800 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampled :

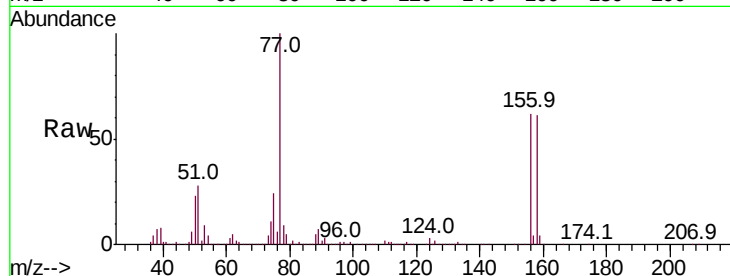
Tot Ion:156 Resp: 120955

Ion Ratio Lower Upper

156 100

77 177.5 85.8 257.4

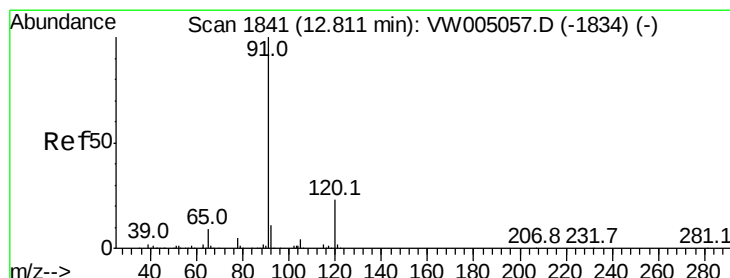
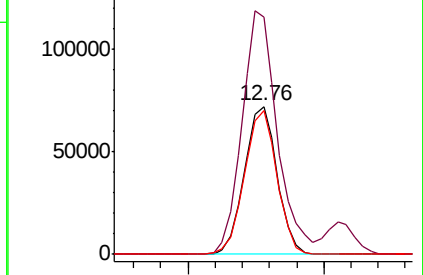
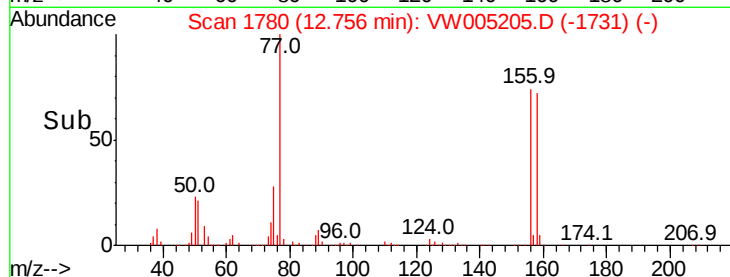
158 96.6 48.1 144.4



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: 20.738 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005205.D

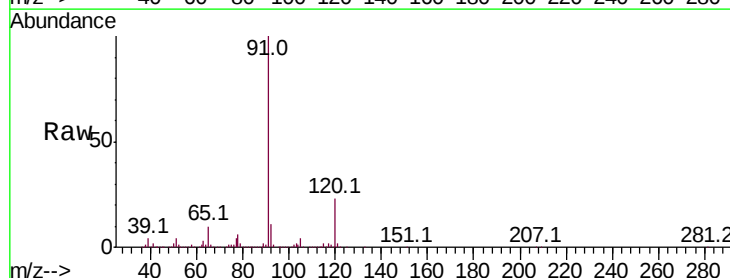
Acq: 07 Sep 2018 13:34

Tgt Ion: 91 Resp: 620686

Ion Ratio Lower Upper

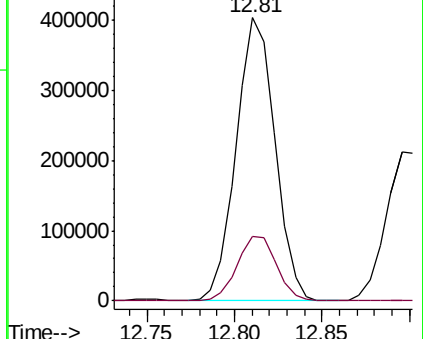
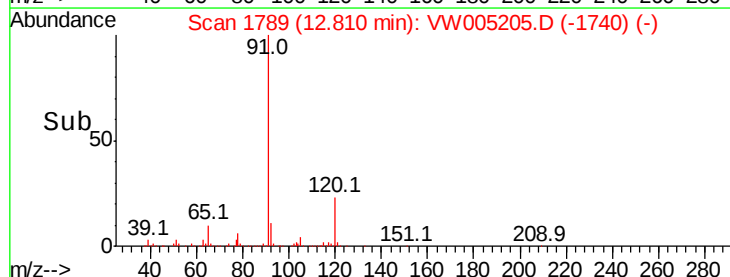
91 100

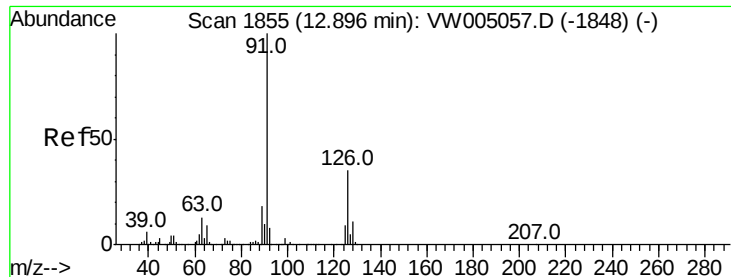
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.361 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

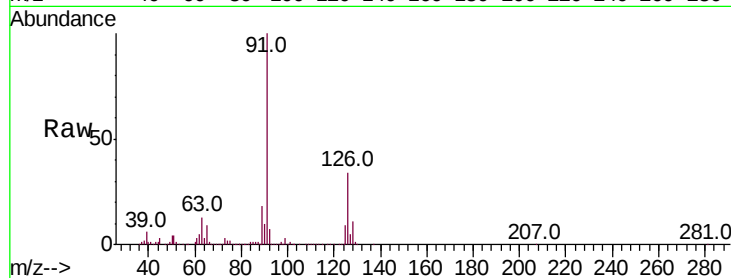
ClientSampled :

Tot Ion: 91 Resp: 355536

Ion Ratio Lower Upper

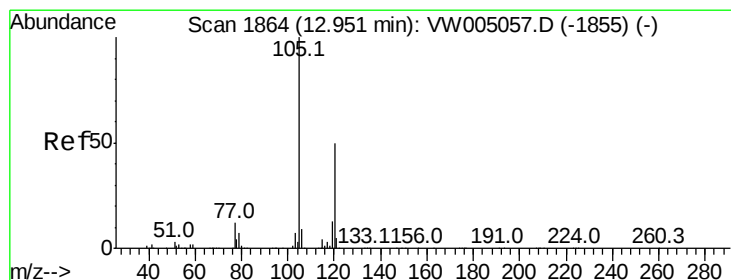
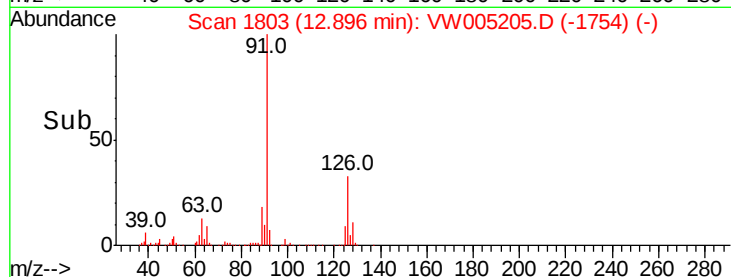
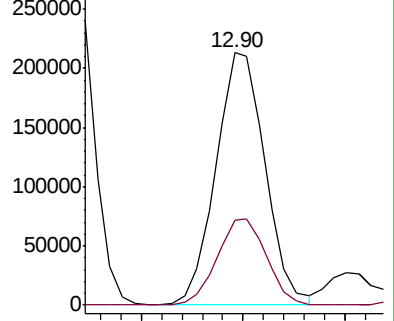
91 100

126 34.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.323 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005205.D

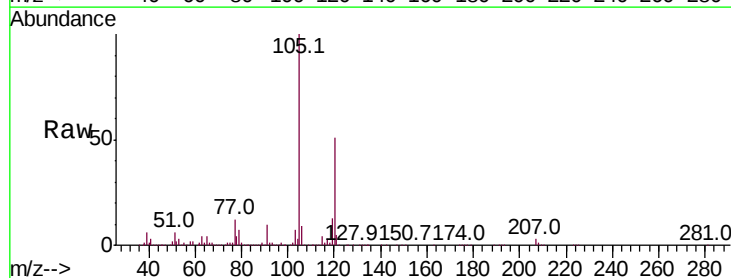
Acq: 07 Sep 2018 13:34

Tgt Ion:105 Resp: 435717

Ion Ratio Lower Upper

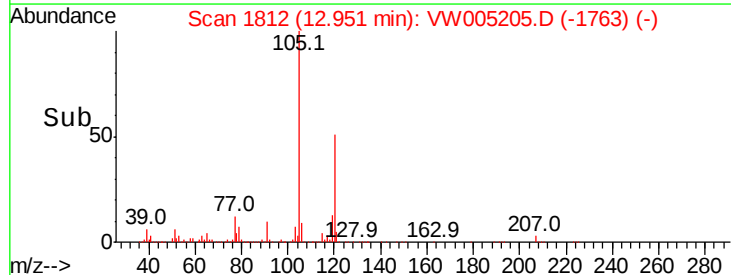
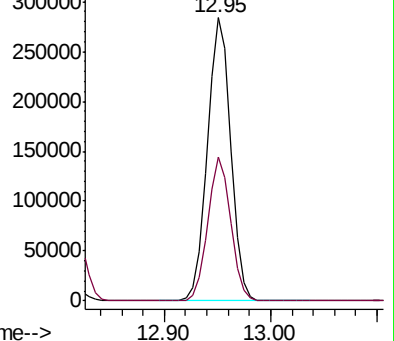
105 100

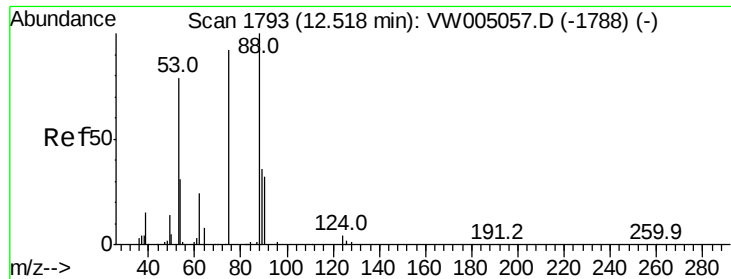
120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.743 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

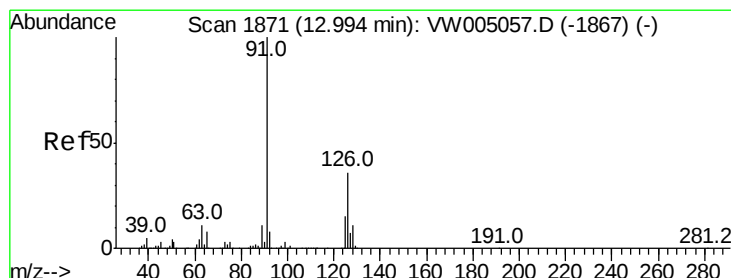
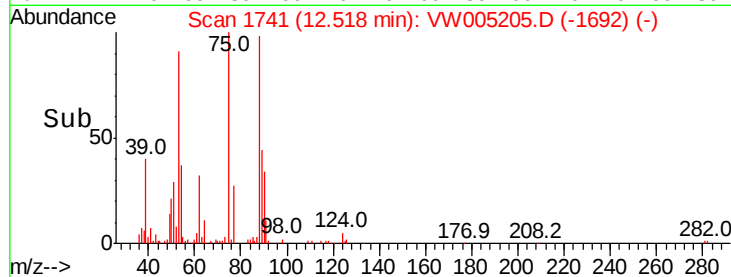
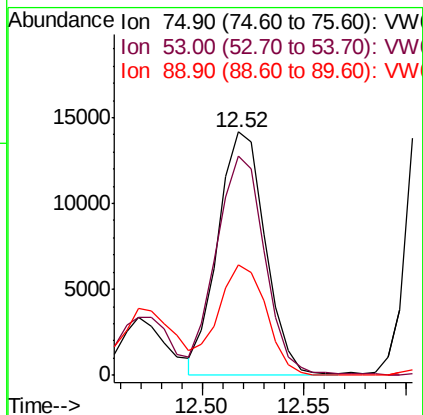
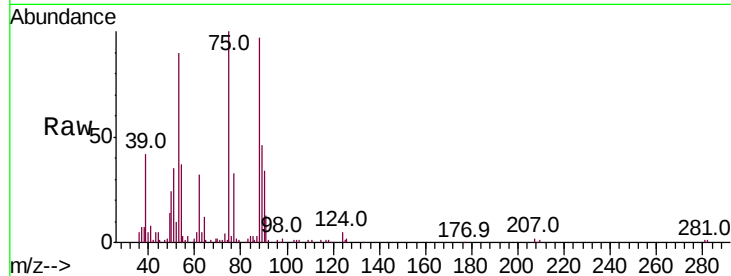
Tot Ion: 75 Resp: 22746

Ion Ratio Lower Upper

75 100

53 92.8 69.8 104.8

89 47.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.232 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005205.D

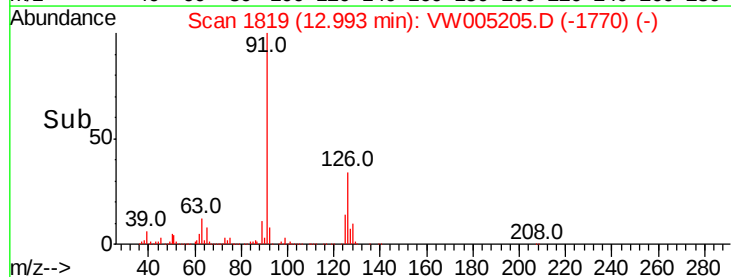
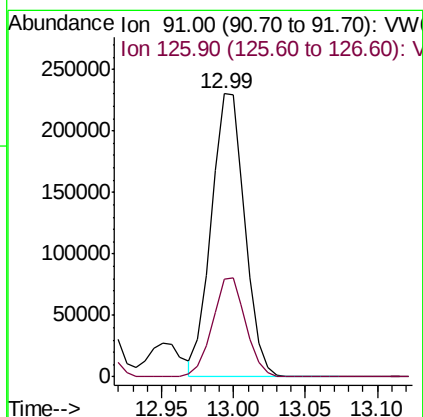
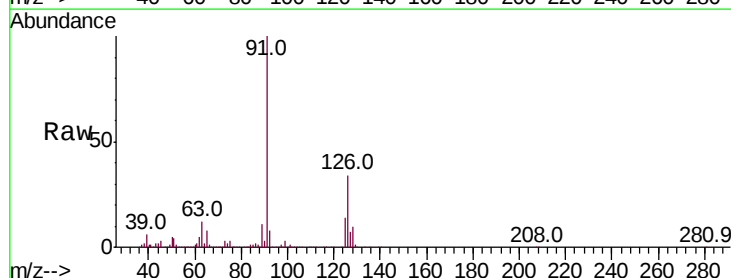
Acq: 07 Sep 2018 13:34

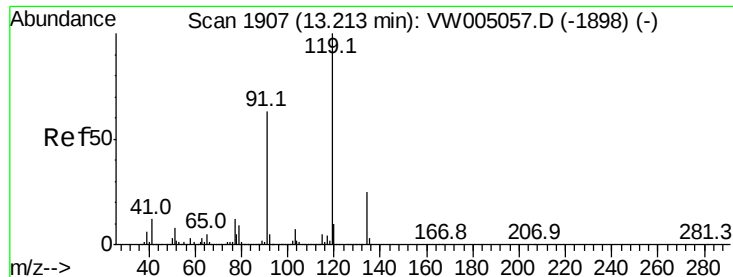
Tgt Ion: 91 Resp: 373051

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3





#83

tert-Butylbenzene

Concen: 20.607 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

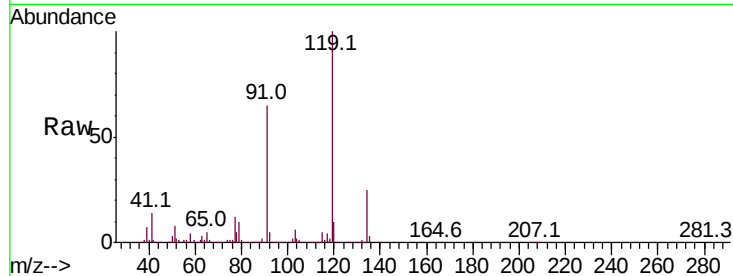
Tot Ion:119 Resp: 368954

Ion Ratio Lower Upper

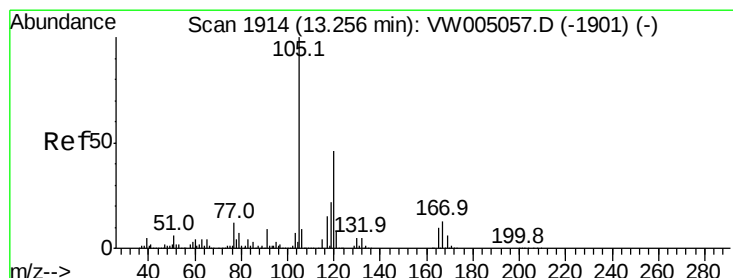
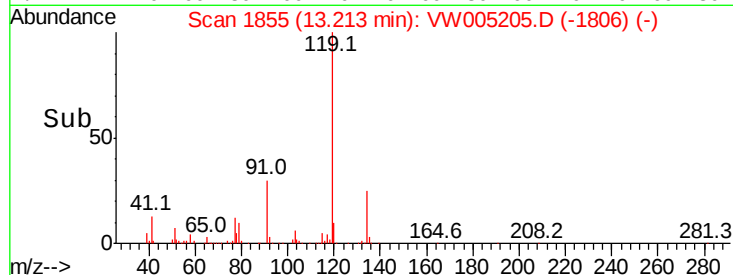
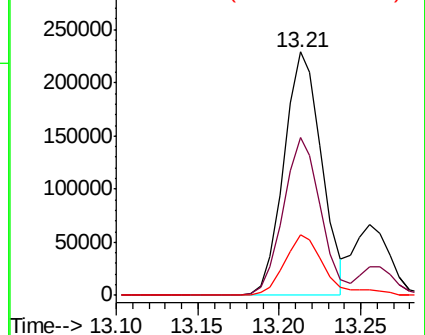
119 100

91 64.4 31.8 95.4

134 26.5 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.333 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005205.D

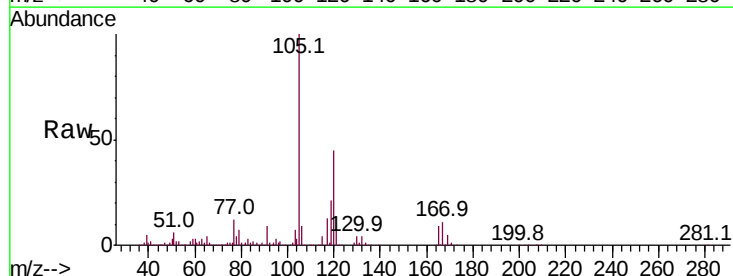
Acq: 07 Sep 2018 13:34

Tgt Ion:105 Resp: 443966

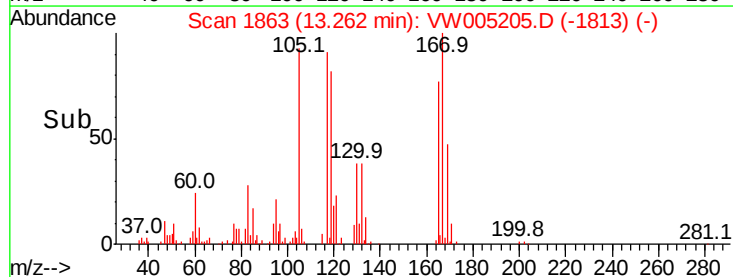
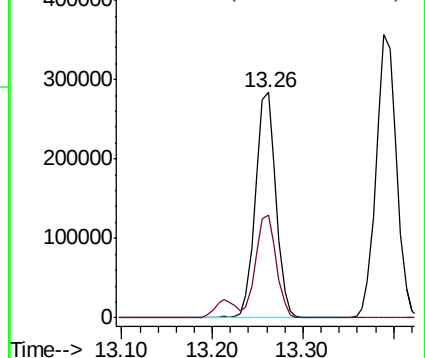
Ion Ratio Lower Upper

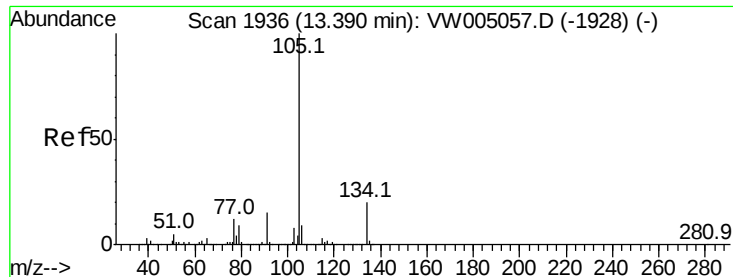
105 100

120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

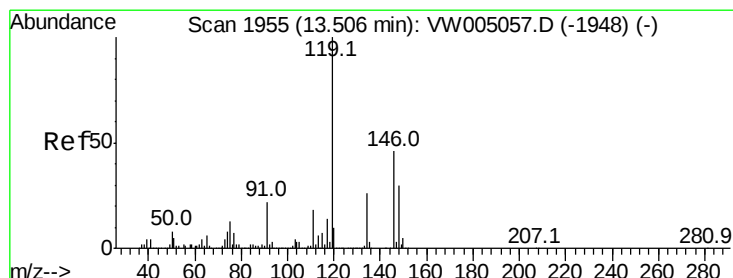
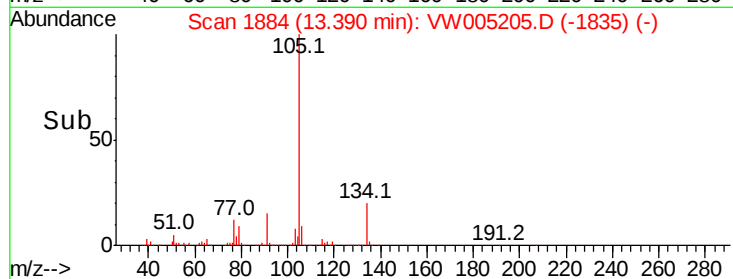
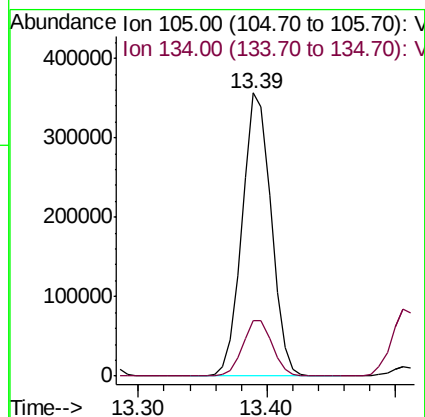
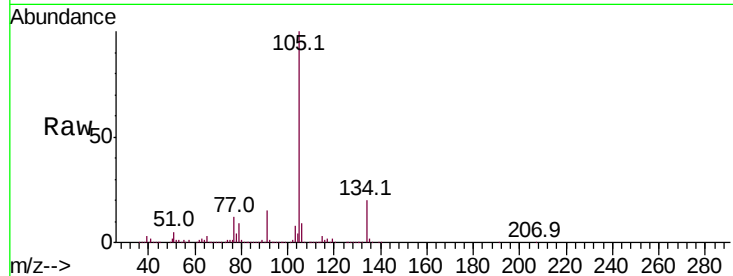




#85
 sec-Butylbenzene
 Concen: 20.986 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

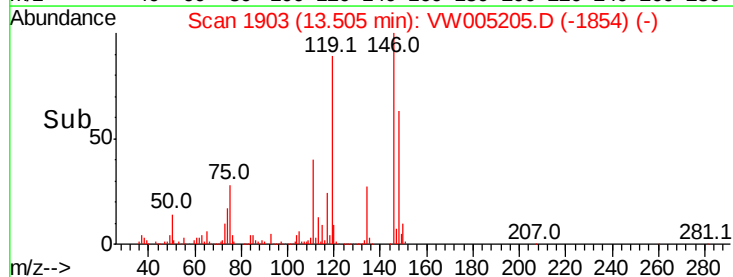
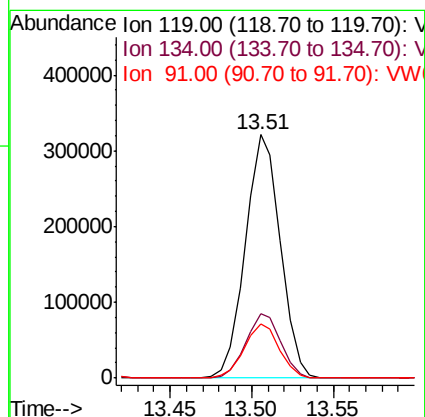
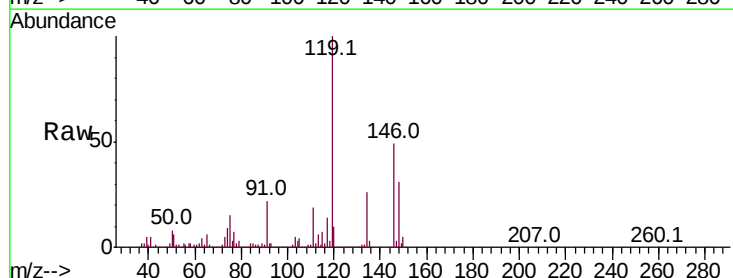
Instrument :
 MSVOA_W
 ClientSampleId :

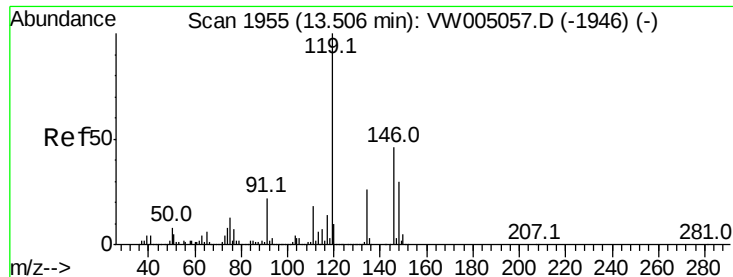
Tot Ion:105 Resp: 552201
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.643 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion:119 Resp: 480829
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.3 10.9 32.9

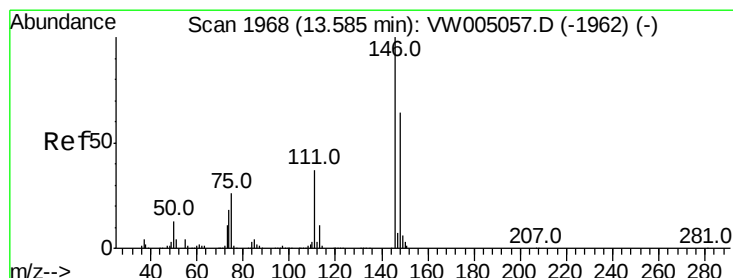
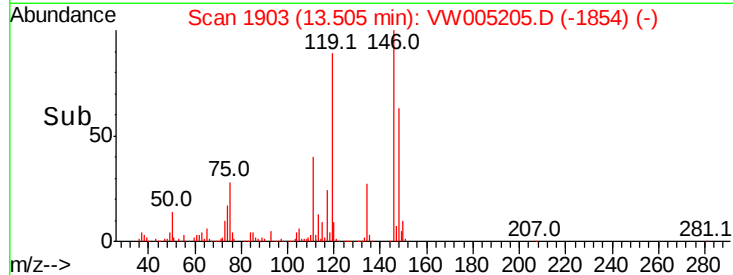
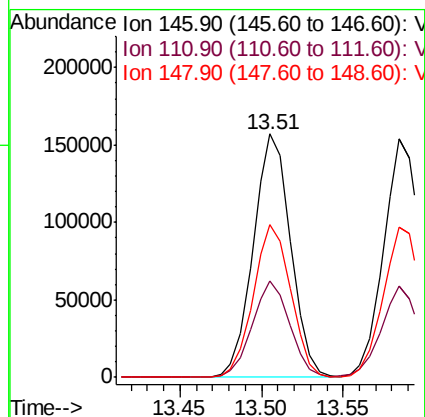
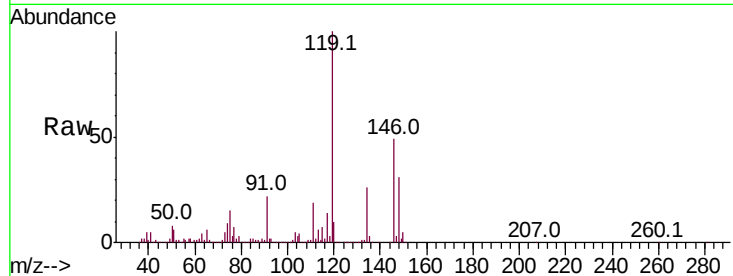




#87
 1,3-Dichlorobenzene
 Concen: 19.886 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

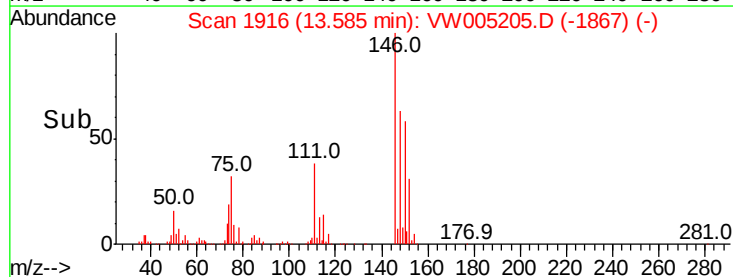
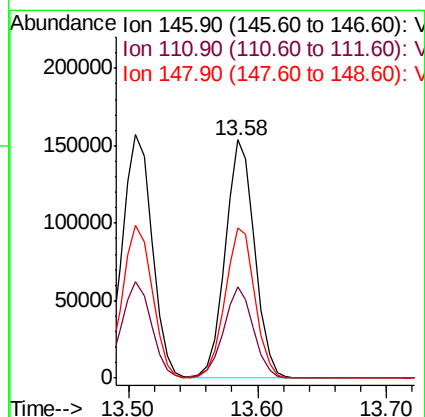
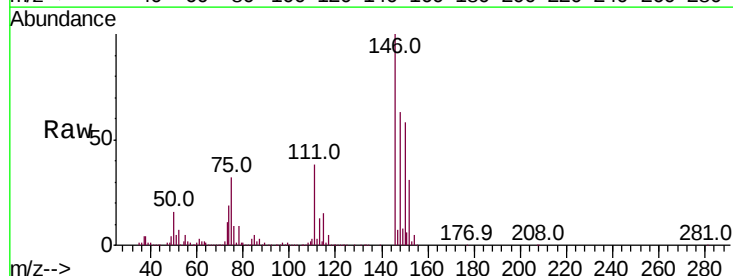
Instrument :
 MSVOA_W
 ClientSampleId :

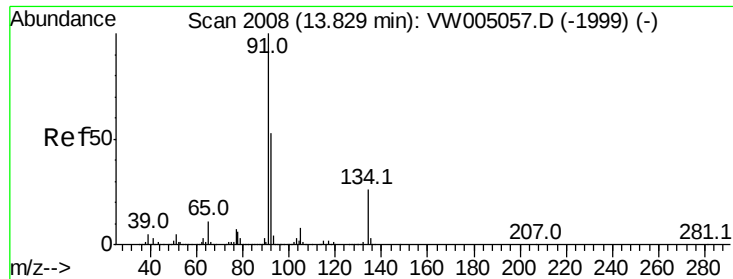
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.2	57.6
148	63.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	56.0
148	64.0	32.0	96.0





#89

n-Butylbenzene

Concen: 20.793 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

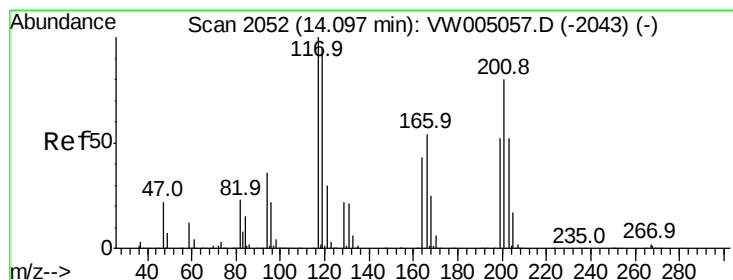
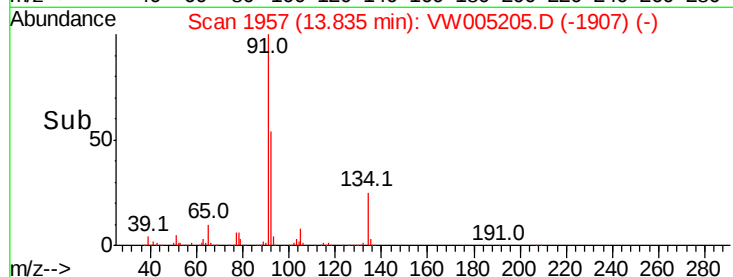
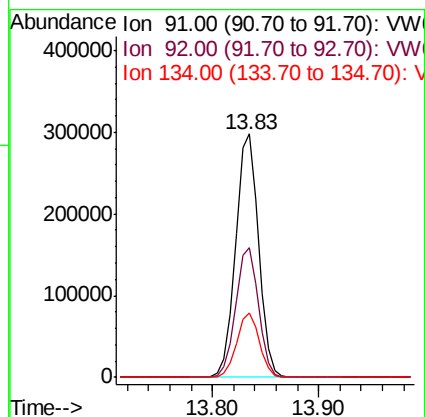
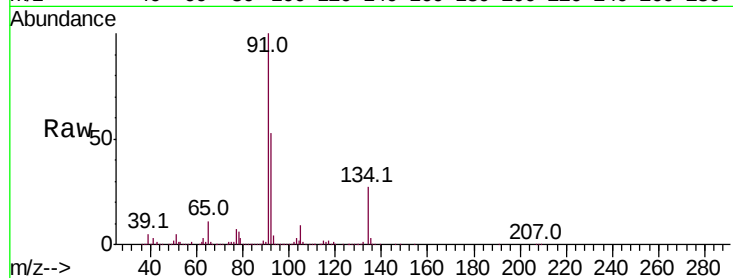
Tot Ion: 91 Resp: 448835

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 26.1 13.5 40.4



#90

Hexachloroethane

Concen: 19.434 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005205.D

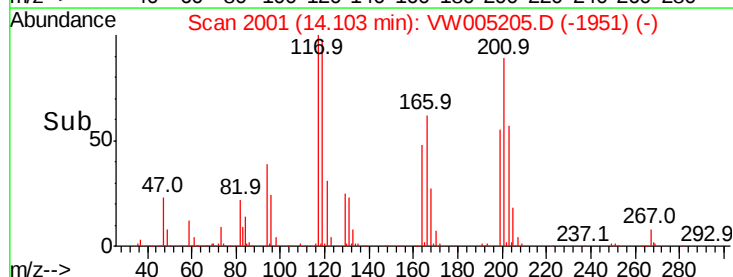
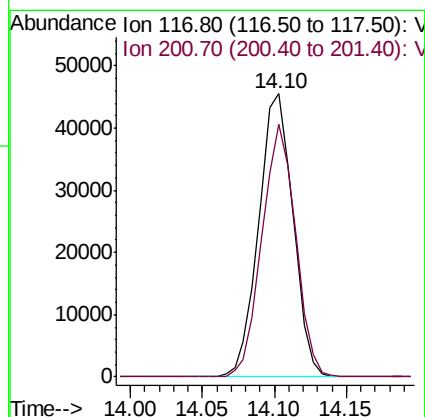
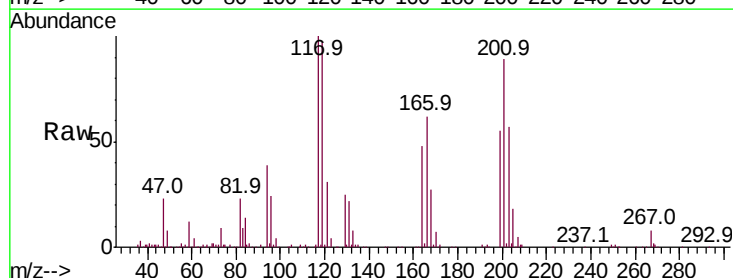
Acq: 07 Sep 2018 13:34

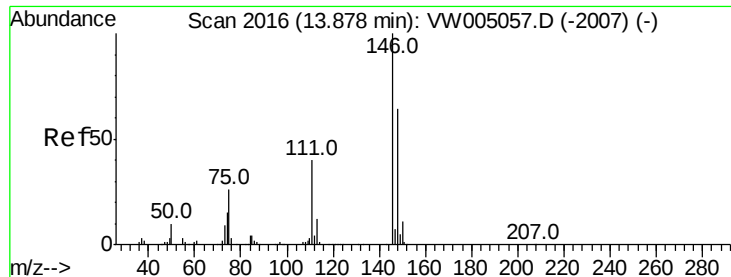
Tgt Ion: 117 Resp: 75188

Ion Ratio Lower Upper

117 100

201 87.1 44.6 133.8

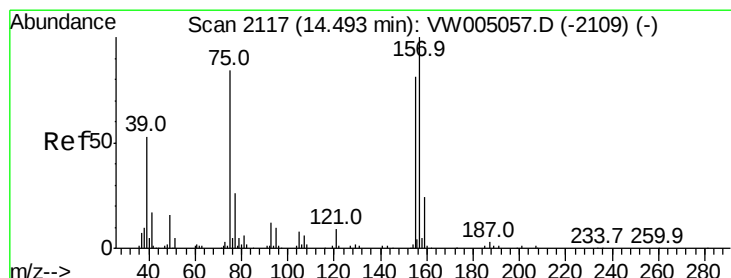
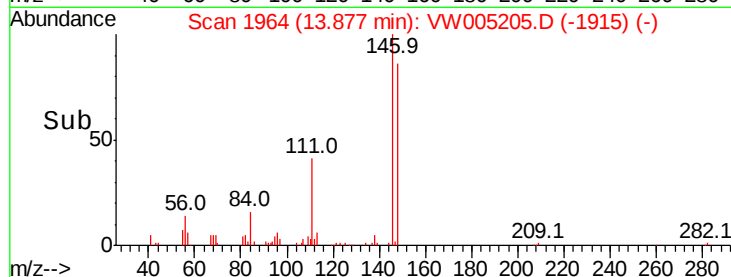
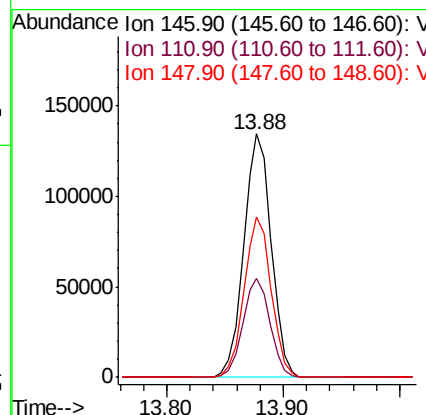
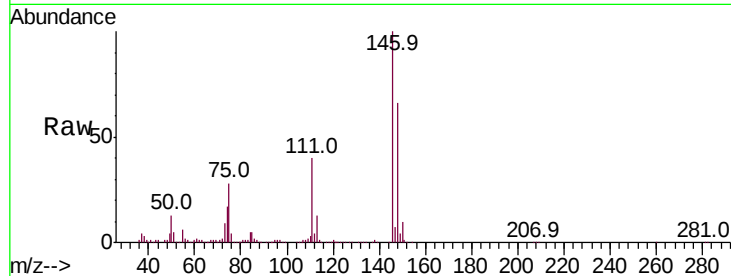




#91
 1,2-Dichlorobenzene
 Concen: 20.139 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

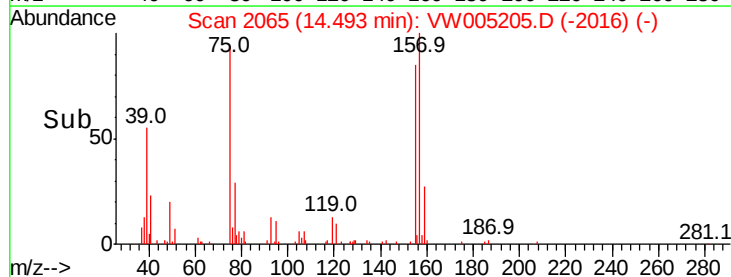
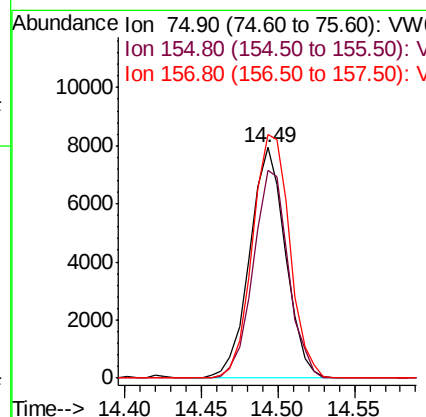
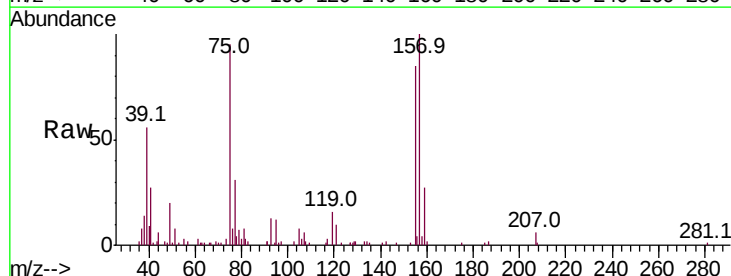
Instrument :
 MSVOA_W
 ClientSampleId :

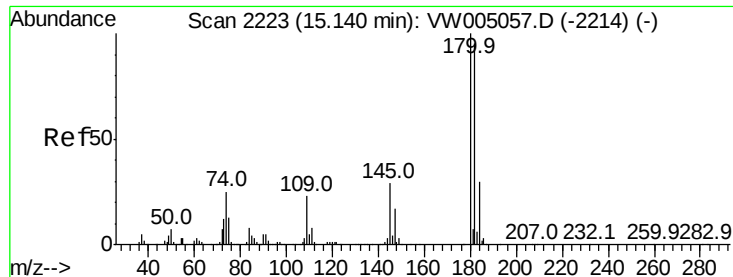
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	65.2	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.967 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	46.0	137.8
157	109.6	58.6	175.7

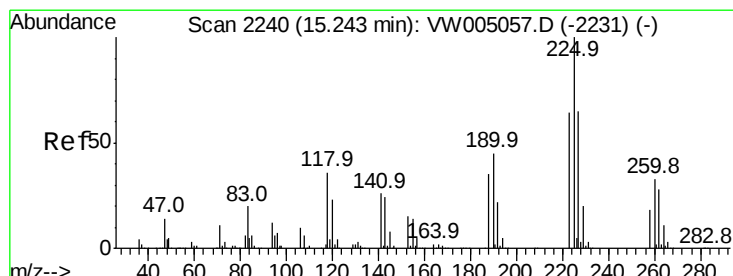
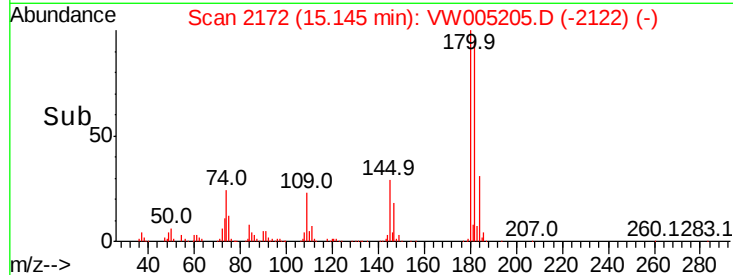
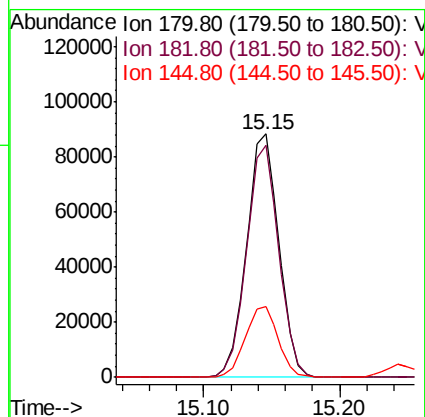
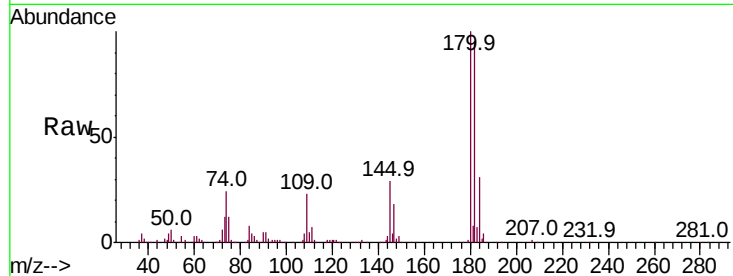




#93
 1,2,4-Trichlorobenzene
 Concen: 20.003 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

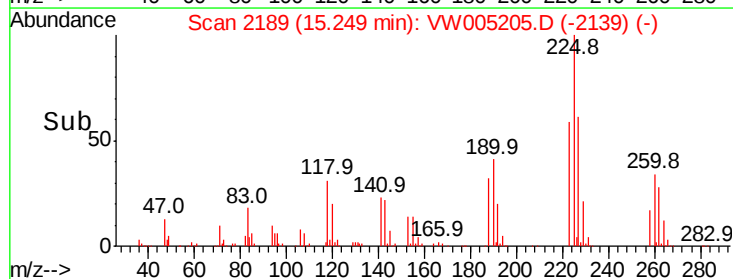
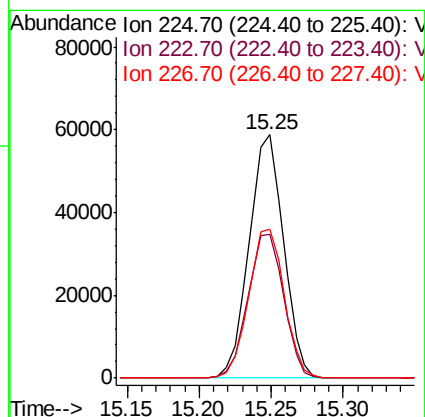
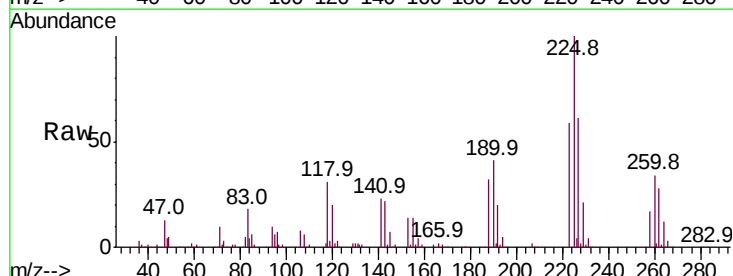
Instrument :
 MSVOA_W
 ClientSampleId :

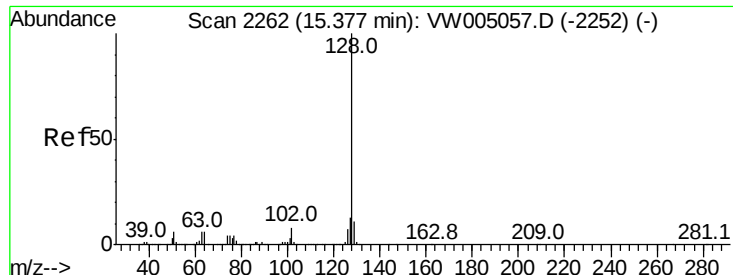
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	29.5	14.4	43.2



#94
 Hexachlorobutadiene
 Concen: 21.314 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.4	94.3
227	62.9	32.0	96.0

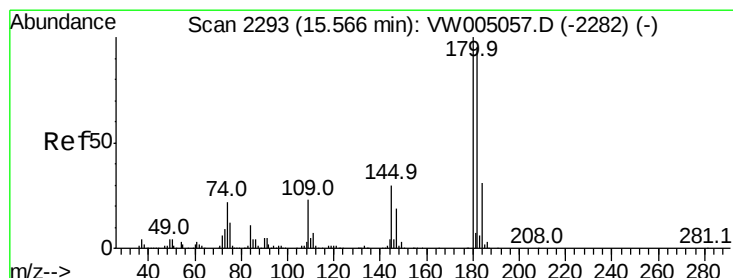
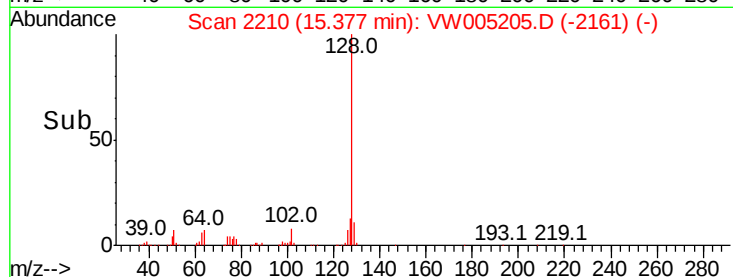
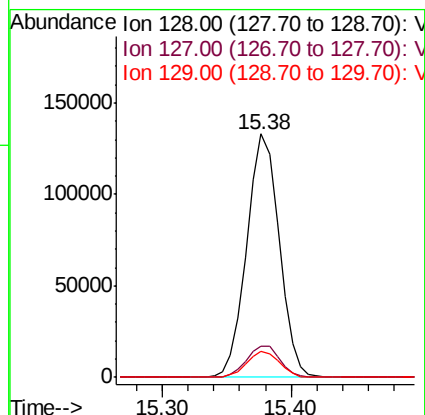
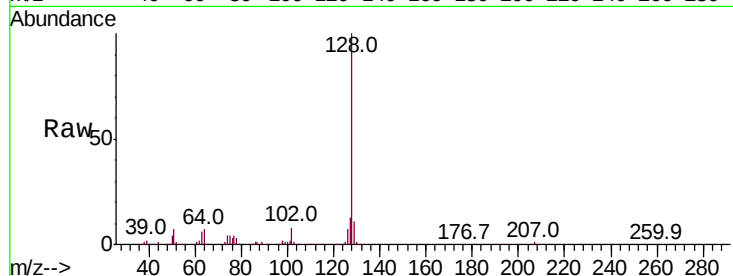




#95
Naphthalene
Concen: 20.819 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.188 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	30.3	15.4	46.1

