

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011865.D
 Acq On : 12 Aug 2019 21:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:22:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136731	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	136320	60.37	ug/l	0.00
Spiked Amount			Recovery	=	120.74%	
35) Dibromofluoromethane	7.88	113	108296	59.09	ug/l	0.00
Spiked Amount			Recovery	=	118.18%	
50) Toluene-d8	10.32	98	435166	57.99	ug/l	0.00
Spiked Amount			Recovery	=	115.98%	
62) 4-Bromofluorobenzene	12.62	95	154475	57.74	ug/l	0.00
Spiked Amount			Recovery	=	115.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	57976	52.899	ug/l	99
3) Chloromethane	2.21	50	93285	49.086	ug/l	98
4) Vinyl Chloride	2.36	62	121221	52.981	ug/l	99
5) Bromomethane	2.78	94	66898	52.824	ug/l	95
6) Chloroethane	2.92	64	72652	55.589	ug/l	97
7) Trichlorofluoromethane	3.25	101	62561	61.182	ug/l	99
8) Diethyl Ether	3.68	74	62606	54.000	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109835	56.624	ug/l	100
10) Methyl Iodide	4.28	142	156654	57.148	ug/l	99
11) Tert butyl alcohol	5.17	59	43095	259.257	ug/l	98
12) 1,1-Dichloroethene	4.04	96	110452	53.930	ug/l	99
13) Acrolein	3.89	56	30030	185.339	ug/l	97
14) Allyl chloride	4.67	41	247583	56.837	ug/l	98
15) Acrylonitrile	5.37	53	162379	280.572	ug/l	100
16) Acetone	4.12	43	158778	221.046	ug/l	98
17) Carbon Disulfide	4.39	76	343889	53.648	ug/l	98
18) Methyl Acetate	4.67	43	90798	56.268	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	185973	57.222	ug/l	98
20) Methylene Chloride	4.92	84	129642	52.332	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122141	55.317	ug/l	97
22) Diisopropyl ether	6.31	45	467164	56.883	ug/l	100
23) Vinyl Acetate	6.25	43	1448542	280.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250476	56.946	ug/l	99
25) 2-Butanone	7.17	43	230509	245.243	ug/l	100
26) 2,2-Dichloropropane	7.17	77	134117	49.581	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	132943	54.706	ug/l	99
28) Bromochloromethane	7.51	49	108726	55.691	ug/l	99
29) Tetrahydrofuran	7.52	42	146778	273.194	ug/l	99
30) Chloroform	7.68	83	227929	56.170	ug/l	97
31) Cyclohexane	7.96	56	220848	52.307	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	180190	58.307	ug/l	99
36) 1,1-Dichloropropene	8.08	75	185633	54.649	ug/l	100
37) Ethyl Acetate	7.26	43	103843	53.136	ug/l	98
38) Carbon Tetrachloride	8.07	117	161738	55.620	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205686	54.992	ug/l	98
40) Benzene	8.32	78	516825	54.319	ug/l	99
41) Methacrylonitrile	7.48	41	63195	54.095	ug/l	96
42) 1,2-Dichloroethane	8.40	62	163861	55.007	ug/l	100
43) Isopropyl Acetate	8.43	43	194858	54.217	ug/l	100
44) Trichloroethene	9.09	130	123018	53.794	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142042	55.794	ug/l	100
46) Dibromomethane	9.46	93	63479	54.631	ug/l	99
47) Bromodichloromethane	9.65	83	171364	56.223	ug/l	99
48) Methyl methacrylate	9.43	41	95493	55.312	ug/l	98
49) 1,4-Dioxane	9.45	88	20763	1234.104	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	504549	269.892	ug/l	99
52) Toluene	10.39	92	313766	54.607	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	174978	54.957	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	208515	55.080	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	89204	54.108	ug/l	98
56) Ethyl methacrylate	10.65	69	132512	54.928	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171730	55.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	344805	314.785	ug/l	100
59) 2-Hexanone	10.97	43	342439	259.433	ug/l	100
60) Dibromochloromethane	11.13	129	103120	56.349	ug/l	99
61) 1,2-Dibromoethane	11.24	107	84124	53.920	ug/l	100
64) Tetrachloroethene	10.86	164	101985	54.863	ug/l	97
65) Chlorobenzene	11.66	112	312416	54.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	113398	56.718	ug/l	99
67) Ethyl Benzene	11.73	91	607591	55.580	ug/l	99
68) m/p-Xylenes	11.84	106	438651	110.337	ug/l	99
69) o-Xylene	12.16	106	205226	55.552	ug/l	98
70) Styrene	12.18	104	361151	56.540	ug/l	99
71) Bromoform	12.35	173	57534	56.440	ug/l #	98
73) Isopropylbenzene	12.46	105	566657	55.552	ug/l	100
74) N-amyl acetate	12.27	43	177399	55.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105972	55.231	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	141649	97.907	ug/l #	100
77) Bromobenzene	12.75	156	124703	55.310	ug/l	99
78) n-propylbenzene	12.80	91	700736	56.447	ug/l	99
79) 2-Chlorotoluene	12.89	91	399695	55.888	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	483082	56.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33874	53.960	ug/l	97
82) 4-Chlorotoluene	12.99	91	409626	54.590	ug/l	99
83) tert-Butylbenzene	13.21	119	407667	57.014	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	483982	56.189	ug/l	99
85) sec-Butylbenzene	13.38	105	580851	56.932	ug/l	100
86) p-Isopropyltoluene	13.50	119	520093	56.184	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	240830	54.477	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	235845	53.630	ug/l	99
89) n-Butylbenzene	13.82	91	515300	55.781	ug/l	99
90) Hexachloroethane	14.09	117	94525	57.746	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	214816	54.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18889	57.731	ug/l	93

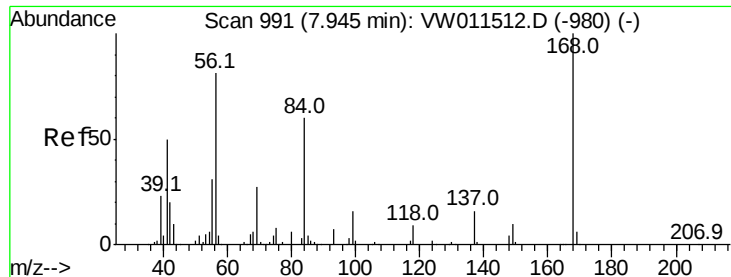
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	148721	53.970	ug/l	100
94) Hexachlorobutadiene	15.24	225	95638	55.653	ug/l	96
95) Naphthalene	15.37	128	276354	51.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130664	54.094	ug/l	98

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

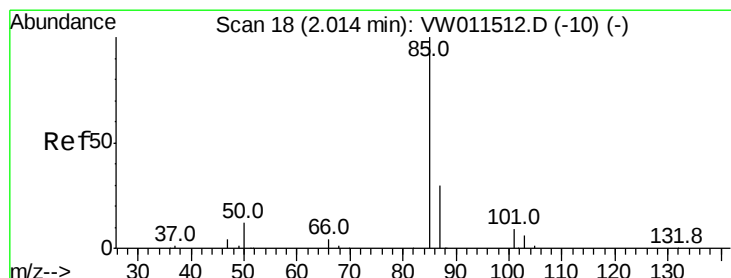
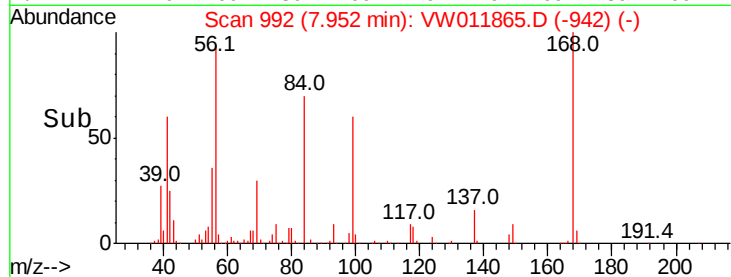
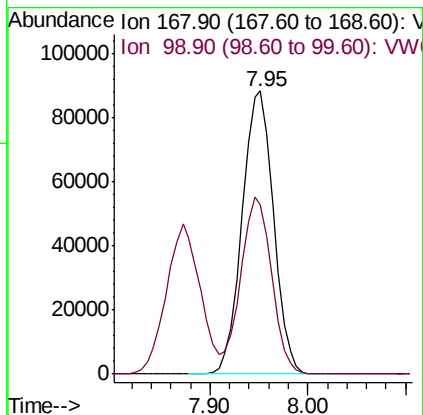
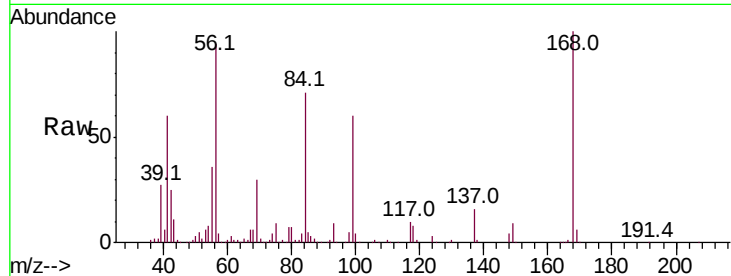


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampled :

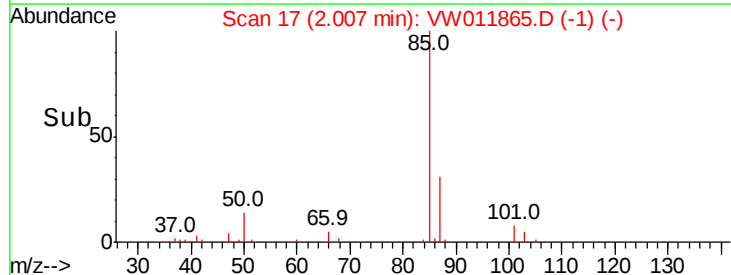
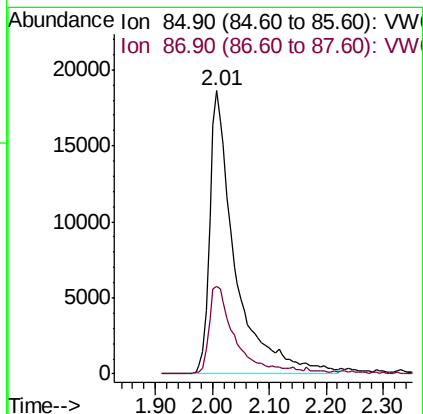
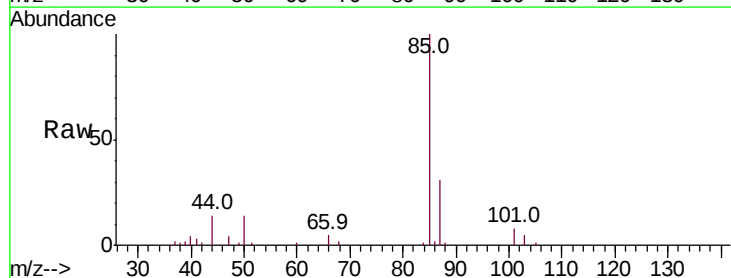
Tot Ion:168 Resp: 196653
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4

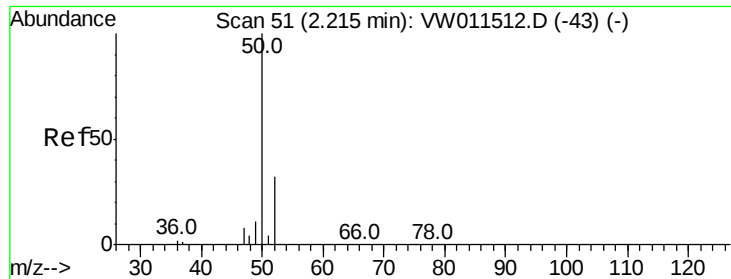


#2

Dichlorodifluoromethane
Concen: 52.899 ug/l
RT: 2.01 min Scan# 17
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 85 Resp: 57976
Ion Ratio Lower Upper
85 100
87 30.9 15.2 45.6





#3

Chloromethane

Concen: 49.086 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

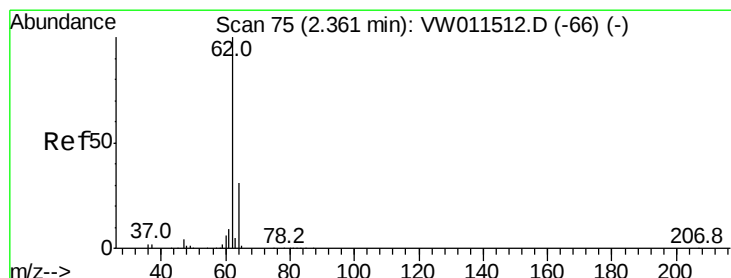
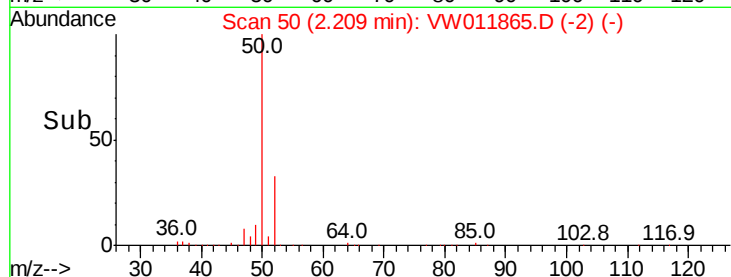
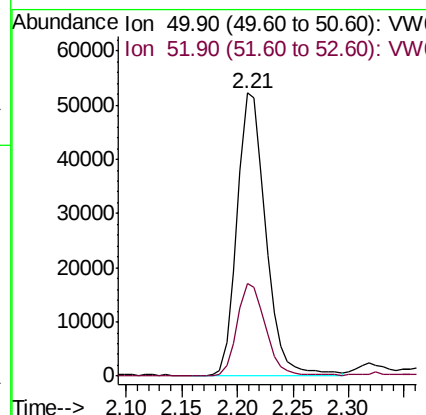
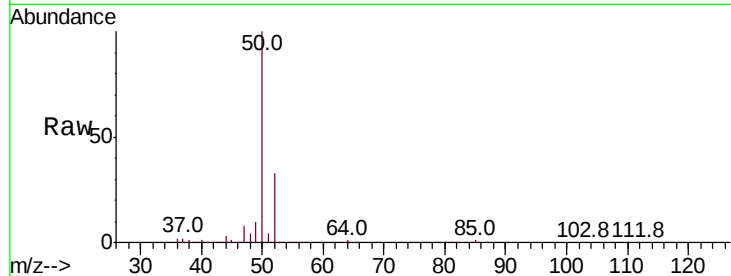
ClientSampleId :

Tot Ion: 50 Resp: 93285

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 52.981 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011865.D

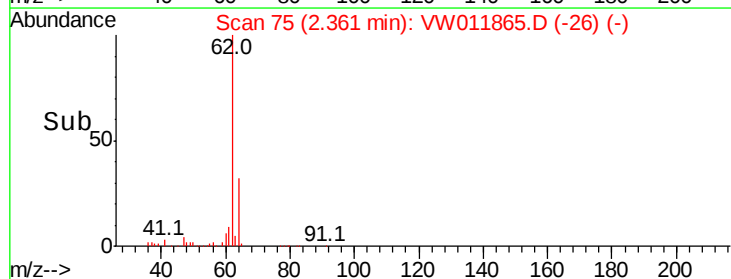
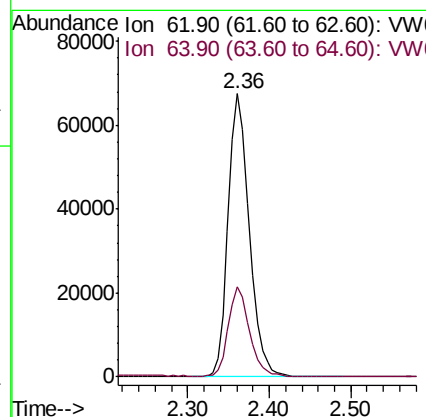
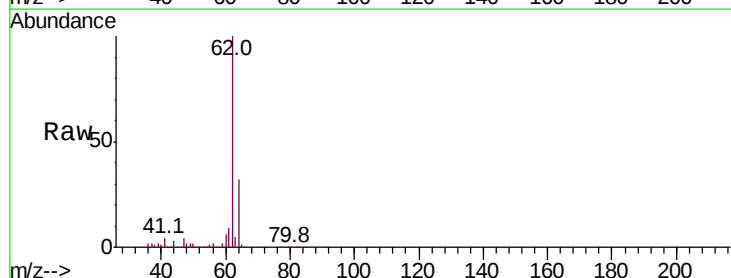
Acq: 12 Aug 2019 21:43

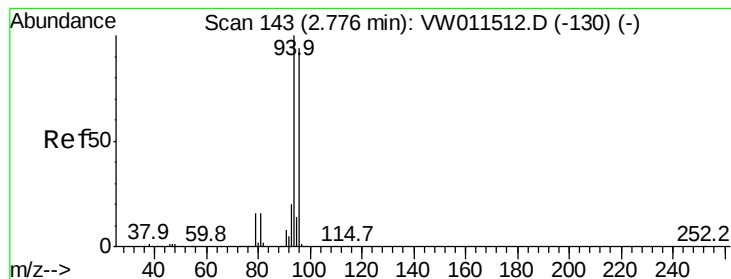
Tgt Ion: 62 Resp: 121221

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4





#5

Bromomethane

Concen: 52.824 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

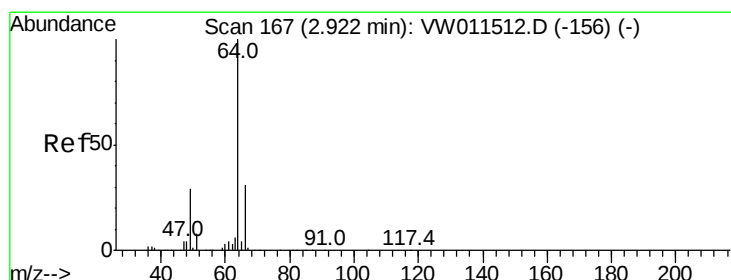
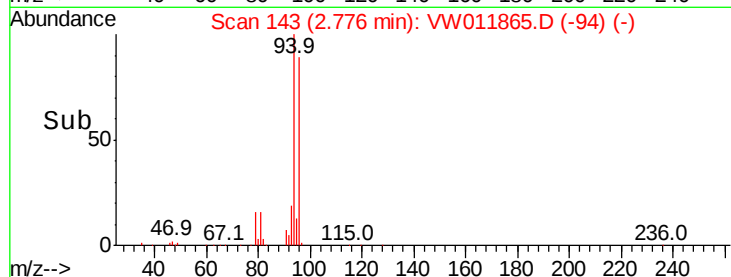
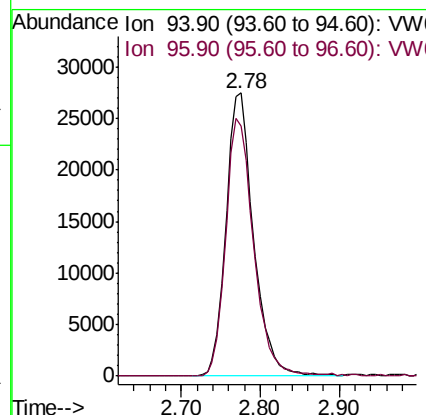
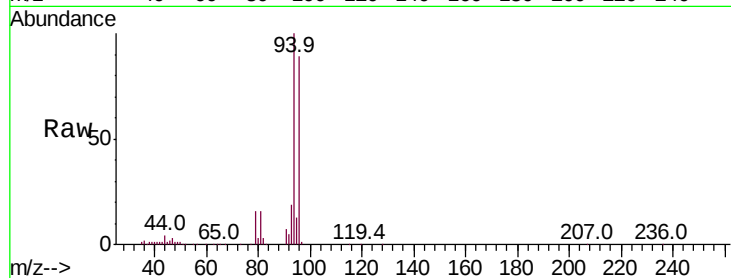
ClientSampleId :

Tot Ion: 94 Resp: 66898

Ion Ratio Lower Upper

94 100

96 88.5 75.0 112.6



#6

Chloroethane

Concen: 55.589 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW011865.D

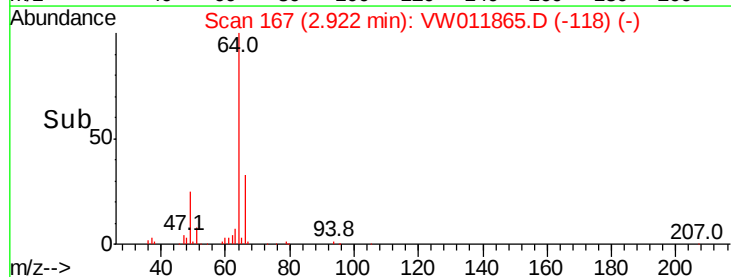
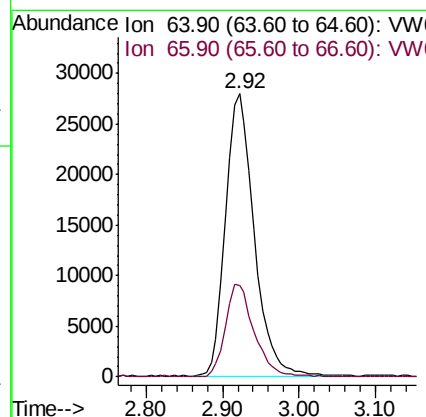
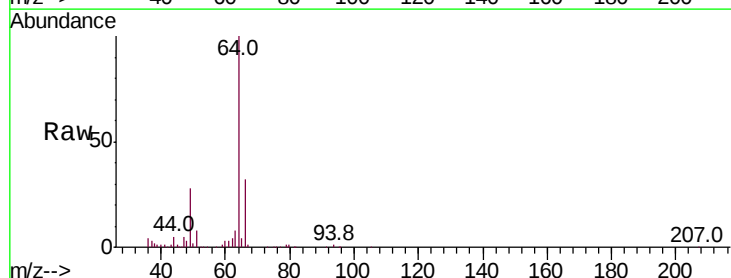
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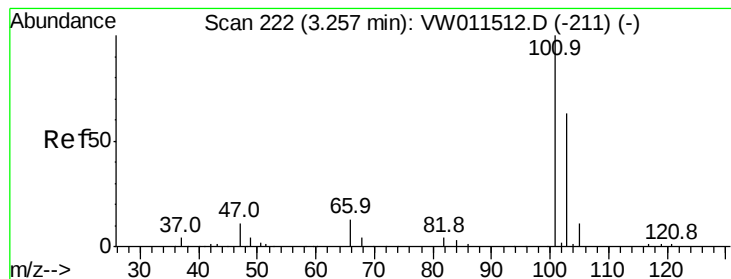
Tgt Ion: 64 Resp: 72652

Ion Ratio Lower Upper

64 100

66 32.5 24.6 36.8



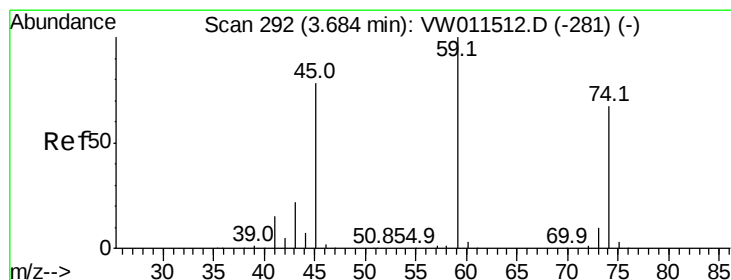
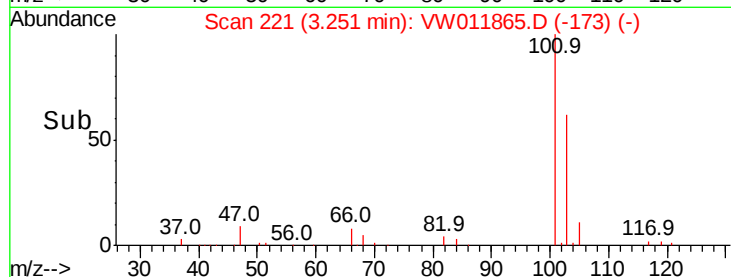
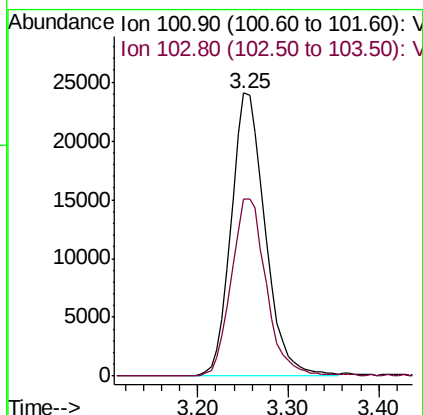
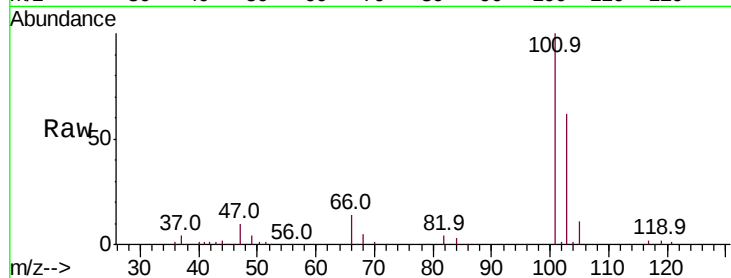


#7

Trichlorofluoromethane
 Concen: 61.182 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :

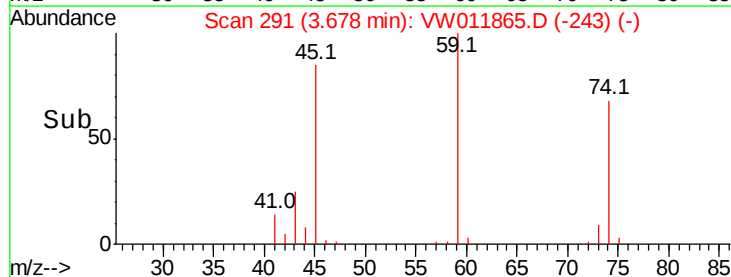
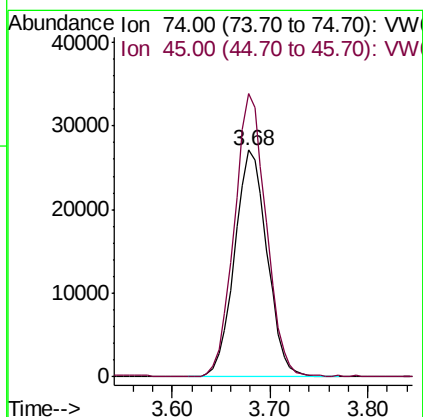
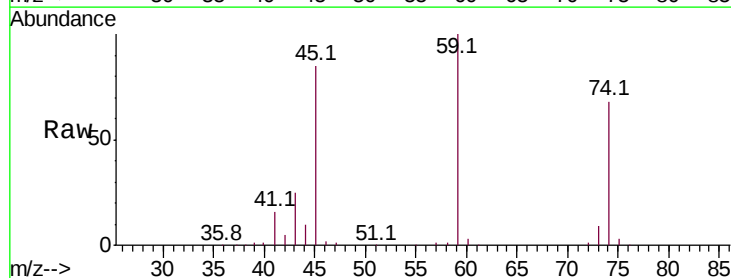
Tot Ion:101 Resp: 62561
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

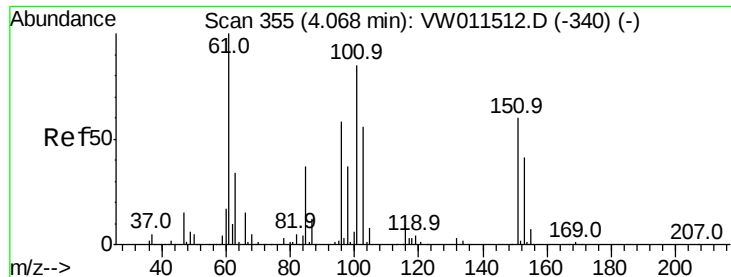


#8

Diethyl Ether
 Concen: 54.000 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 74 Resp: 62606
 Ion Ratio Lower Upper
 74 100
 45 122.8 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.624 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

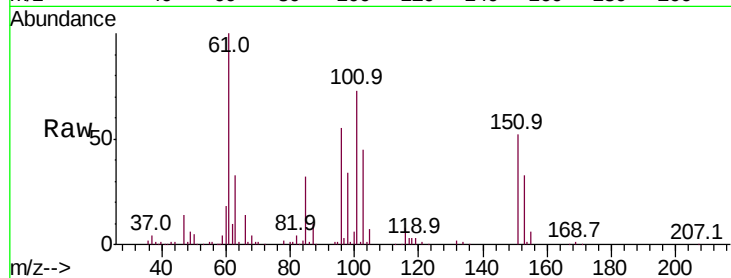
Tot Ion:101 Resp: 109835

Ion Ratio Lower Upper

101 100

85 46.0 36.6 54.8

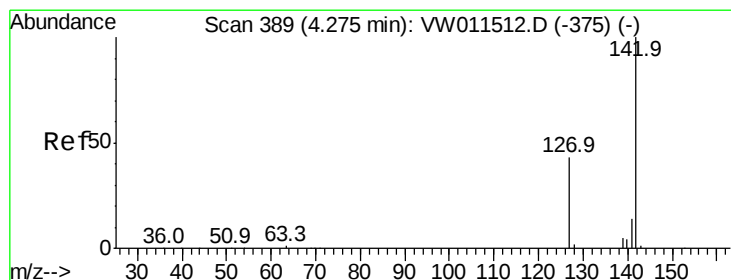
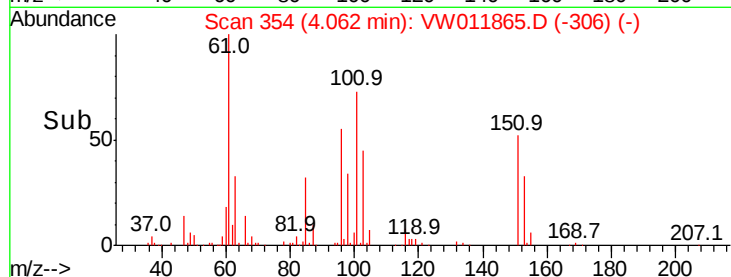
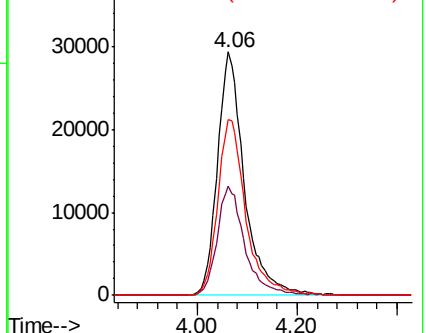
151 75.2 60.2 90.2



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: 57.148 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

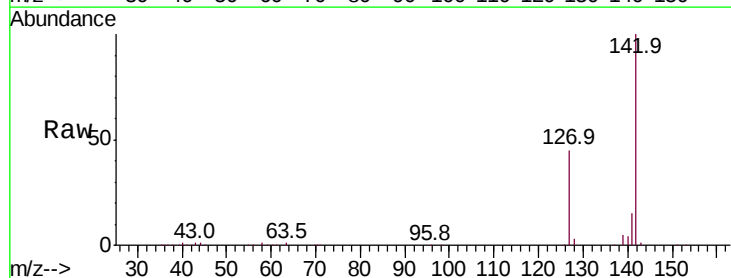
Tgt Ion:142 Resp: 156654

Ion Ratio Lower Upper

142 100

127 44.9 35.0 52.6

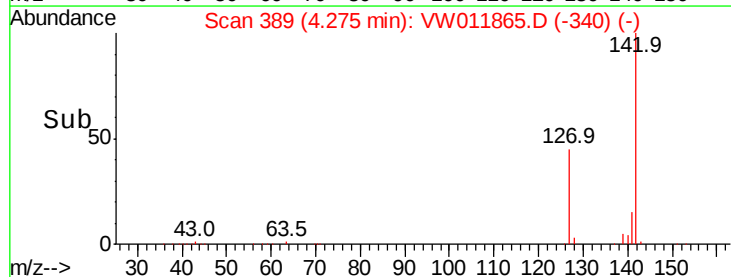
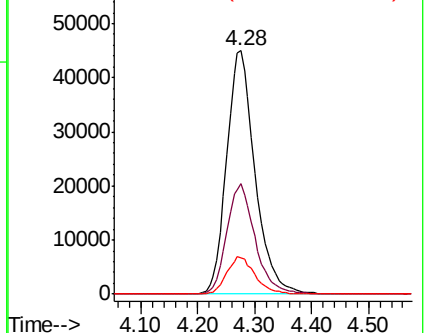
141 15.1 11.9 17.9

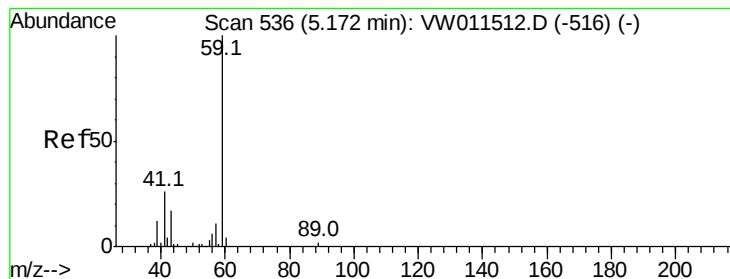


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



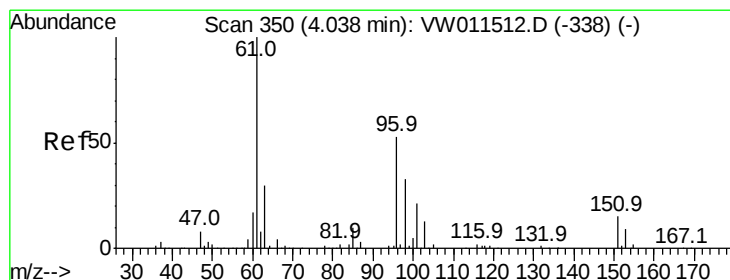
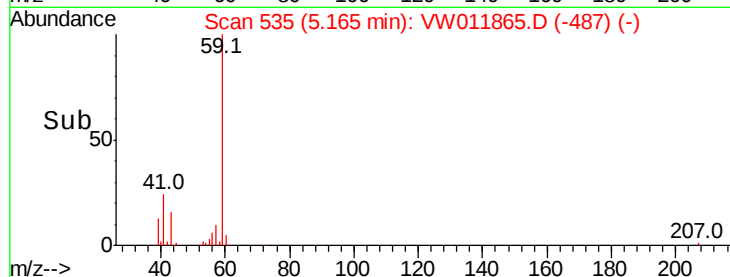
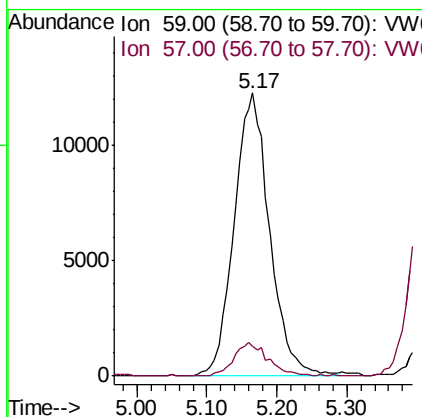
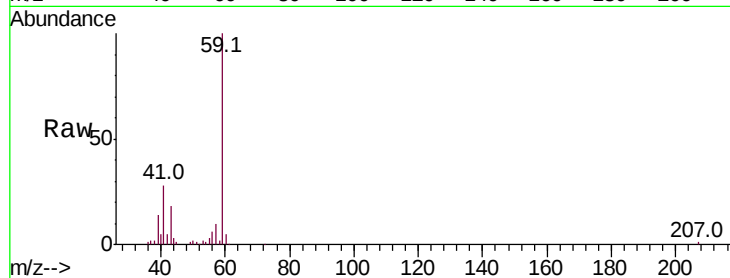


#11

Tert butyl alcohol
 Concen: 259.257 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampled :

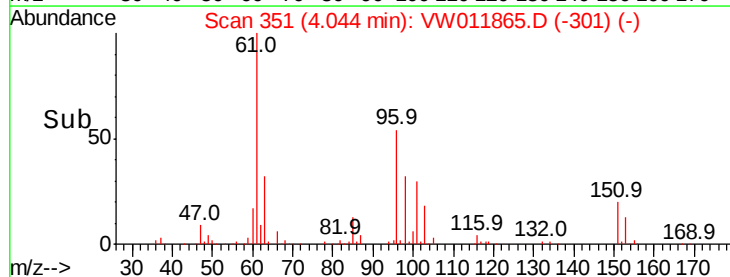
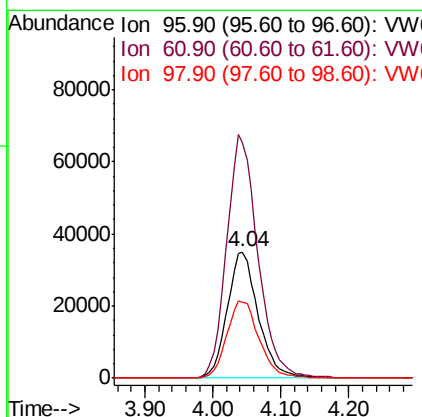
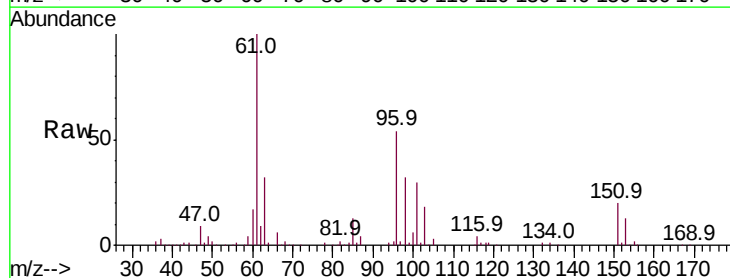
Tot Ion: 59 Resp: 43095
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.5 12.7

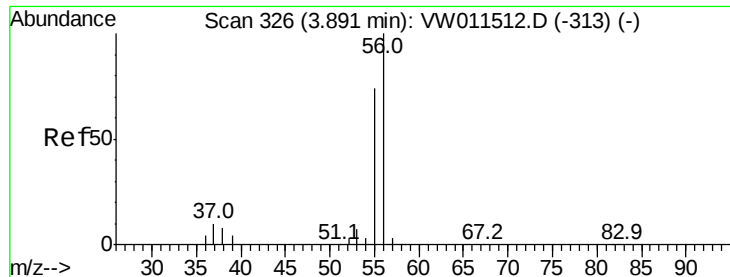


#12

1,1-Dichloroethene
 Concen: 53.930 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 96 Resp: 110452
 Ion Ratio Lower Upper
 96 100
 61 186.3 149.9 224.9
 98 60.4 49.1 73.7

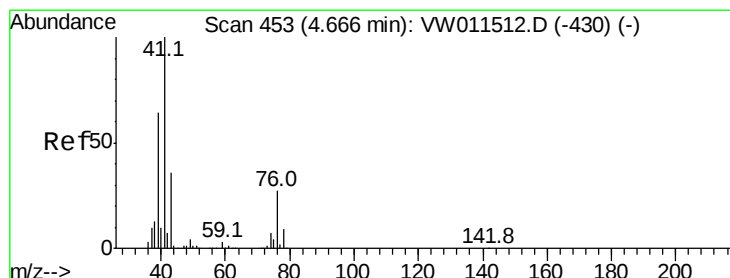
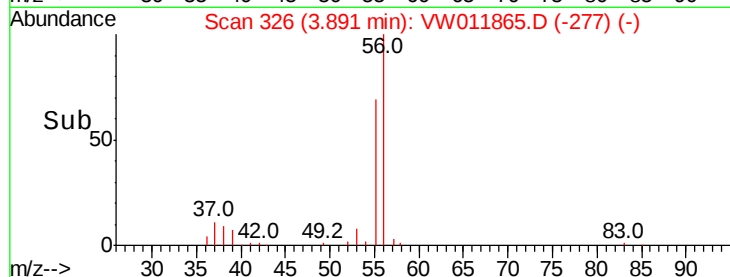
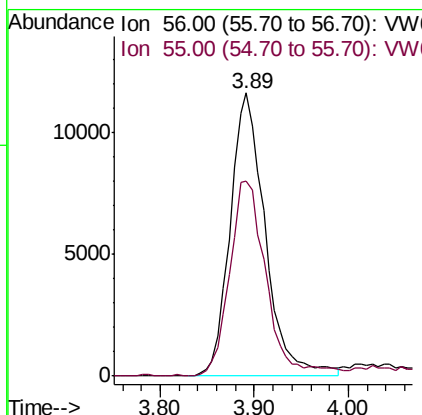
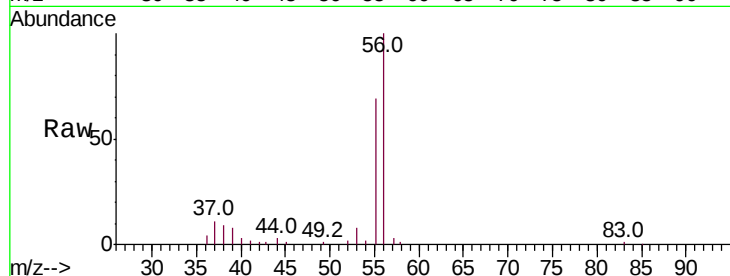




#13
Acrolein
Concen: 185.339 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

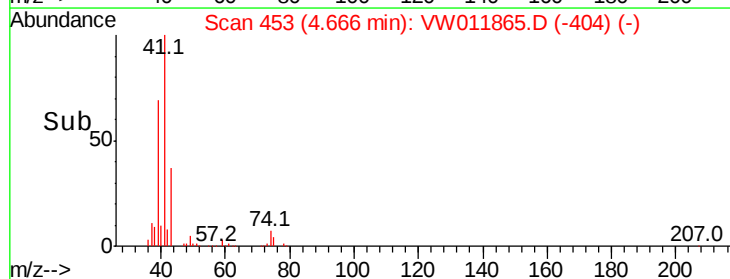
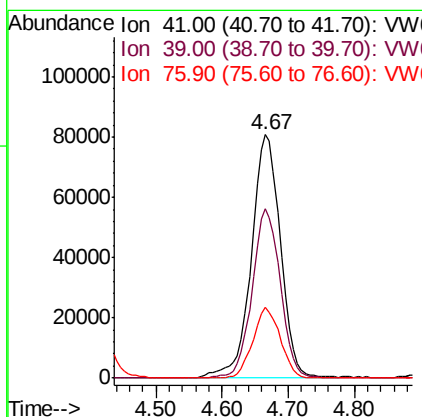
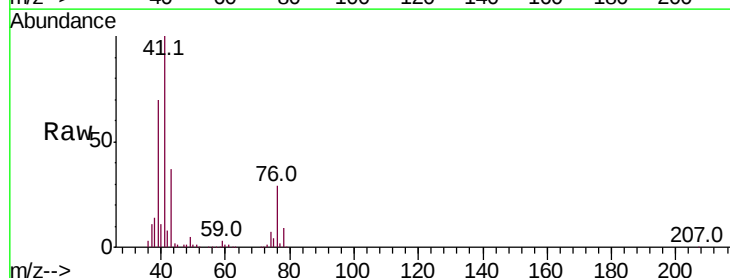
Instrument :
MSVOA_W
ClientSampled :

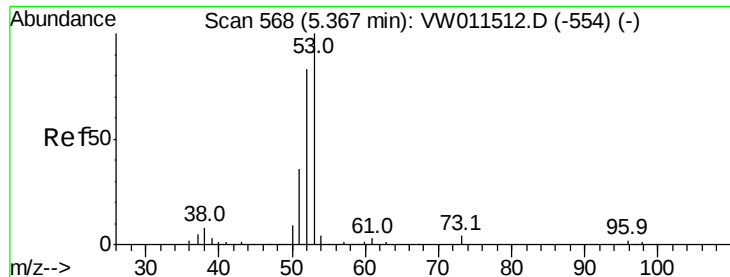
Tot Ion: 56 Resp: 30030
Ion Ratio Lower Upper
56 100
55 72.5 56.0 84.0



#14
Allyl chloride
Concen: 56.837 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 41 Resp: 247583
Ion Ratio Lower Upper
41 100
39 67.6 52.6 78.8
76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 280.572 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :

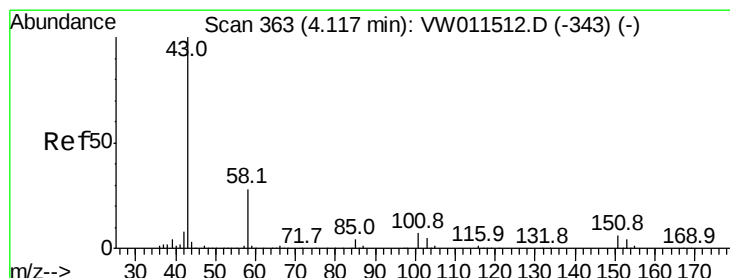
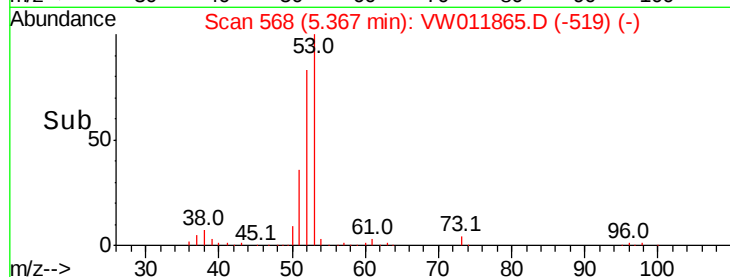
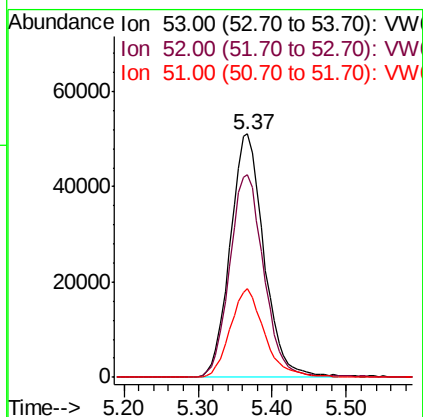
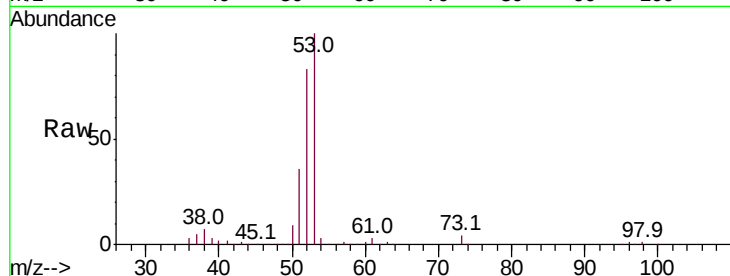
Tot Ion: 53 Resp: 162379

Ion Ratio Lower Upper

53 100

52 83.9 67.2 100.8

51 37.1 30.0 45.0



#16

Acetone

Concen: 221.046 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011865.D

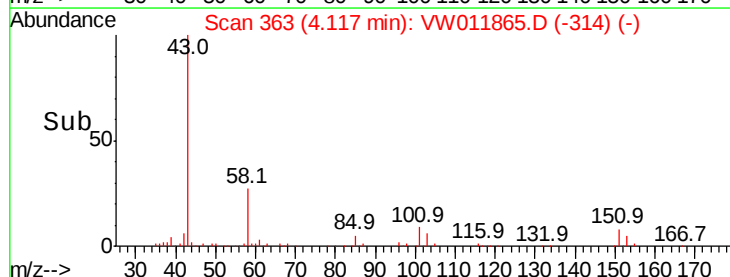
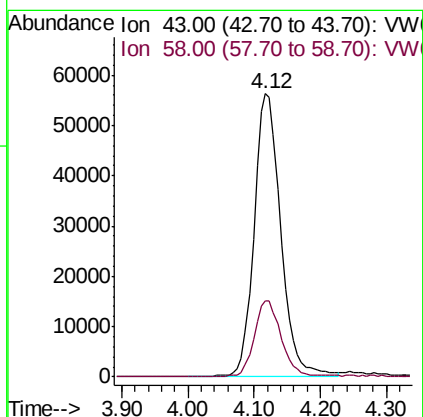
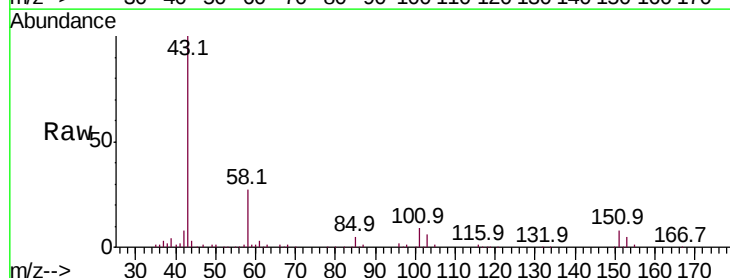
Acq: 12 Aug 2019 21:43

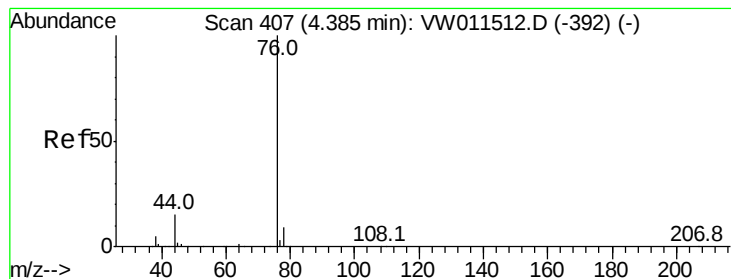
Tgt Ion: 43 Resp: 158778

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 53.648 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

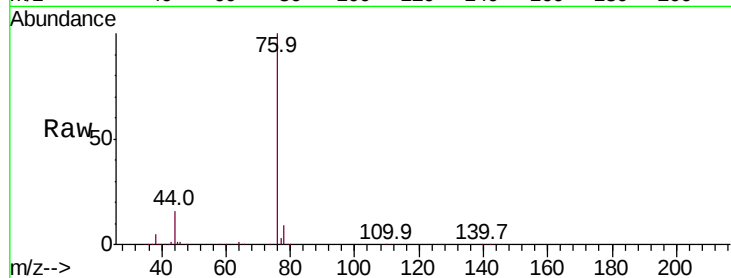
ClientSampleId :

Tot Ion: 76 Resp: 343889

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

120000

100000

80000

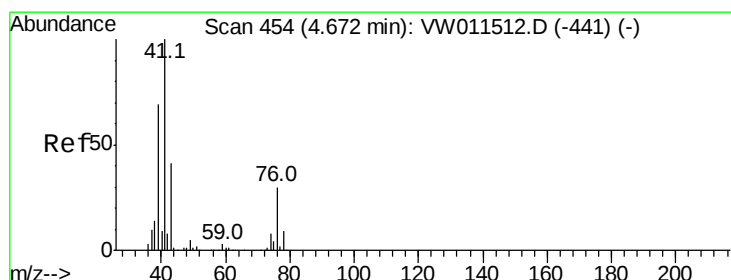
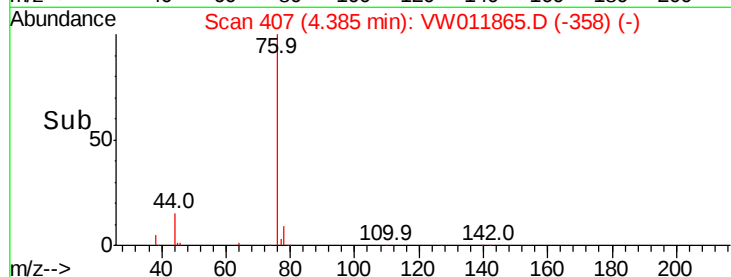
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 56.268 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011865.D

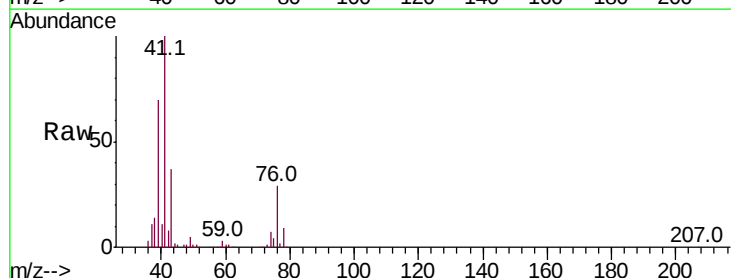
Acq: 12 Aug 2019 21:43

Tgt Ion: 43 Resp: 90798

Ion Ratio Lower Upper

43 100

74 19.3 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

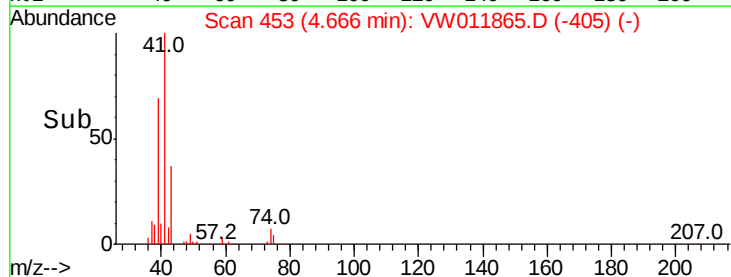
30000

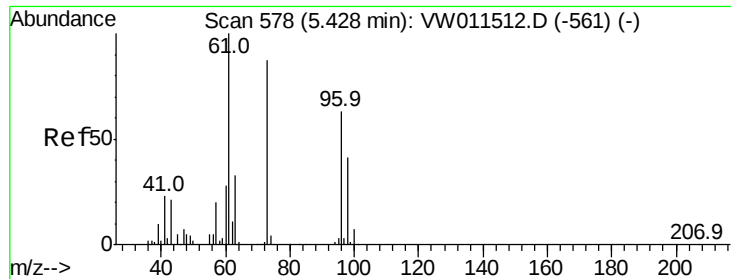
20000

10000

0

Time--> 4.60 4.70 4.80

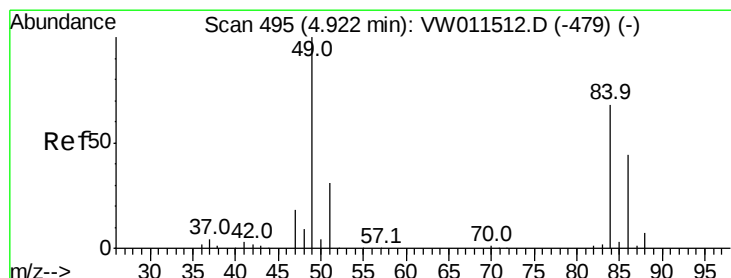
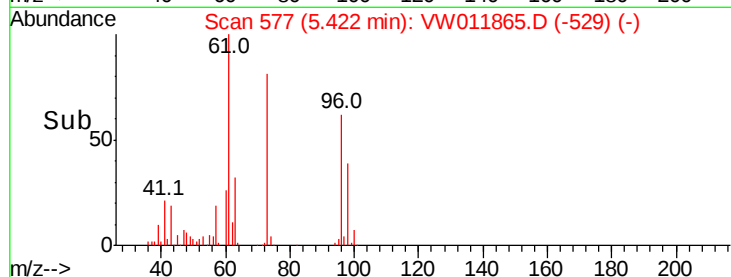
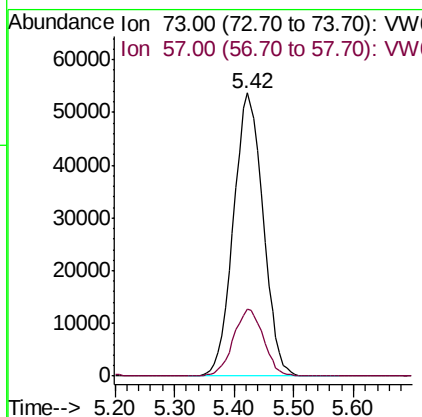
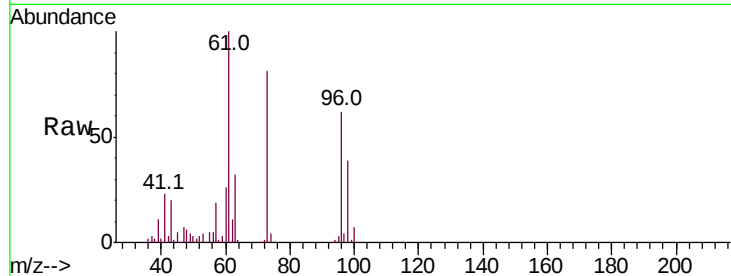




#19
Methvl tert-butvl Ether
Concen: 57.222 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

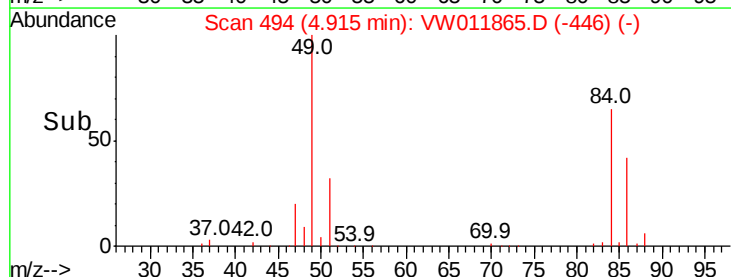
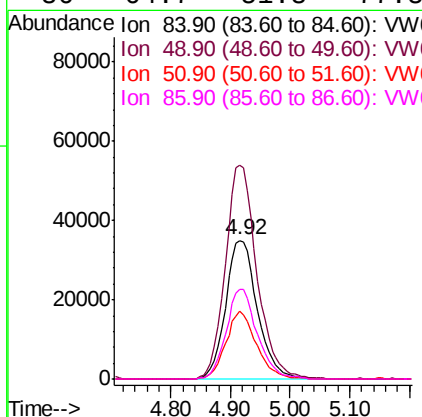
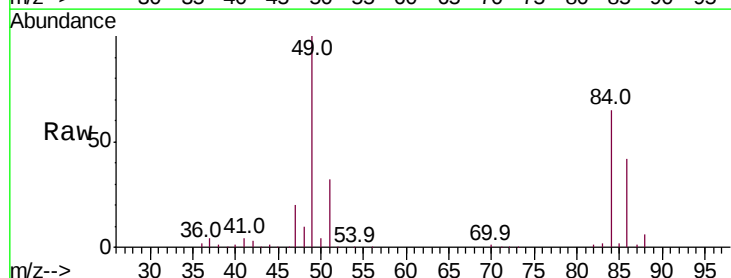
Instrument :
MSVOA_W
ClientSampleId :

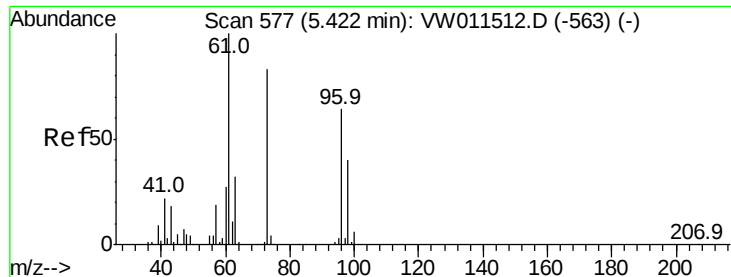
Tot Ion: 73 Resp: 185973
Ion Ratio Lower Upper
73 100
57 23.8 18.4 27.6



#20
Methylene Chloride
Concen: 52.332 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 84 Resp: 129642
Ion Ratio Lower Upper
84 100
49 154.0 117.8 176.6
51 49.1 37.0 55.4
86 64.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 55.317 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampled :

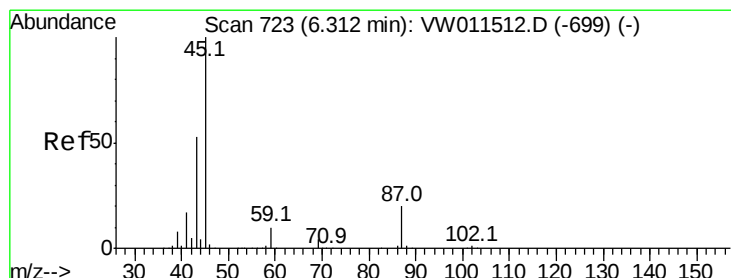
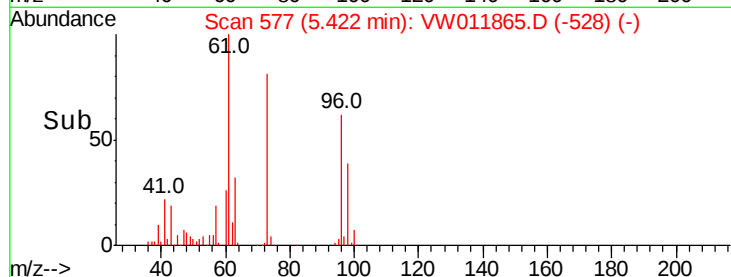
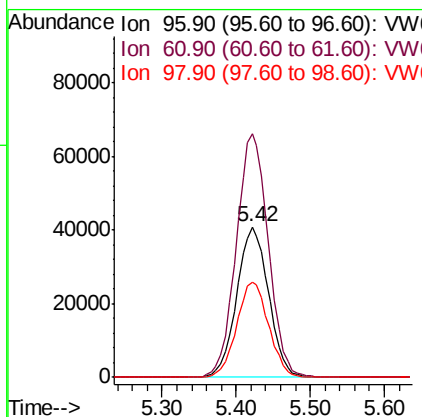
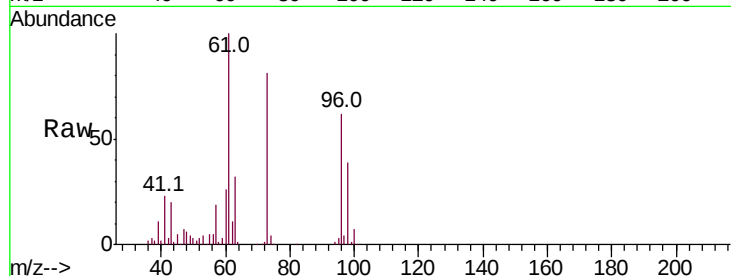
Tot Ion: 96 Resp: 122141

Ion Ratio Lower Upper

96 100

61 161.9 125.7 188.5

98 63.2 50.3 75.5



#22

Diisopropyl ether

Concen: 56.883 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion: 45 Resp: 467164

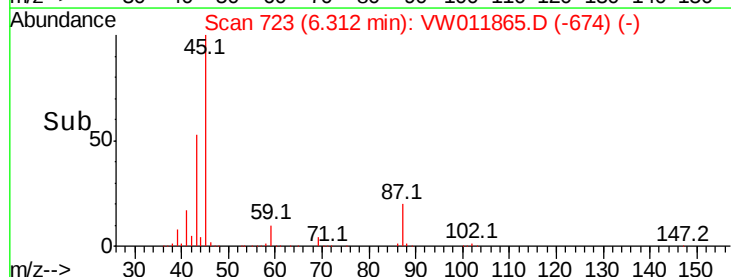
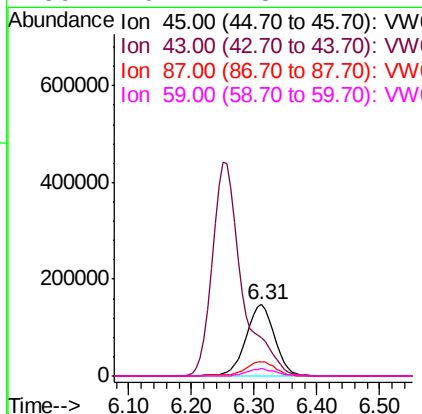
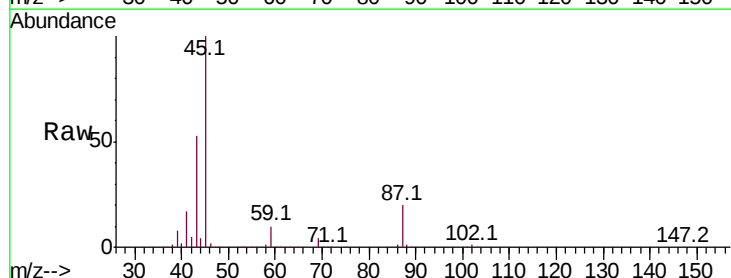
Ion Ratio Lower Upper

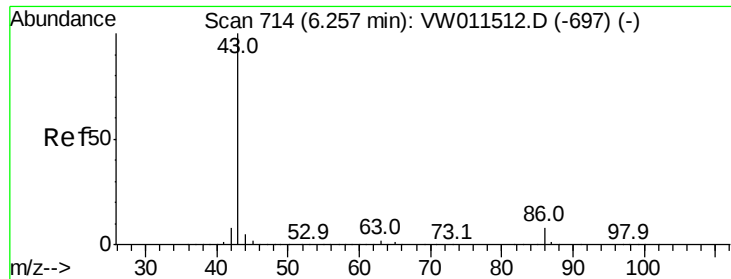
45 100

43 52.8 42.6 63.8

87 20.3 16.4 24.6

59 10.1 8.2 12.2

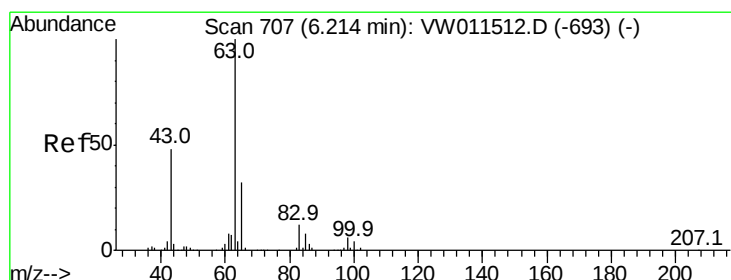
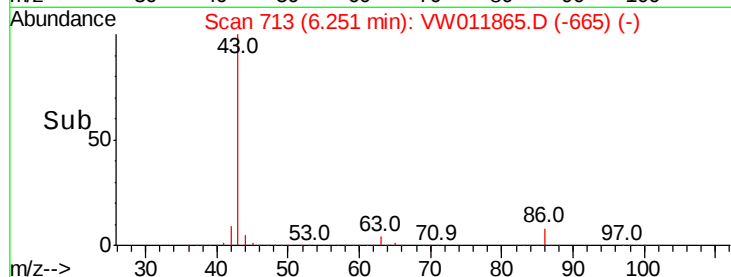
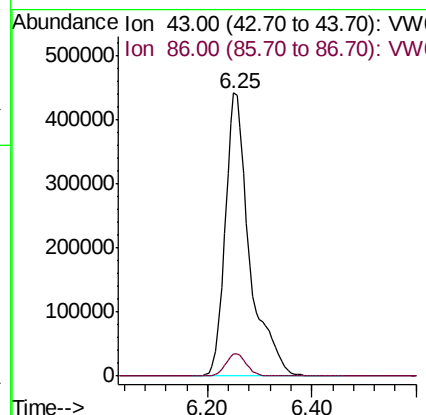
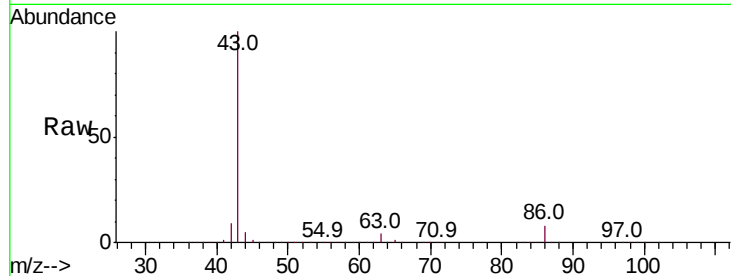




#23
 Vinyl Acetate
 Concen: 280.699 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

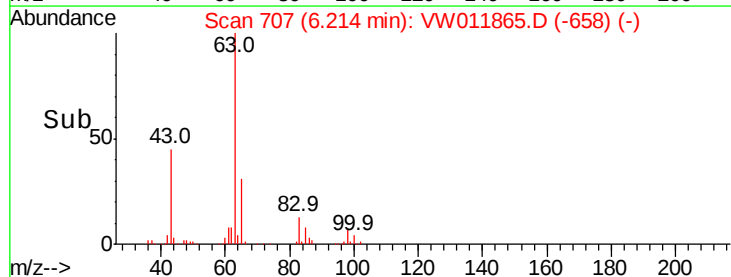
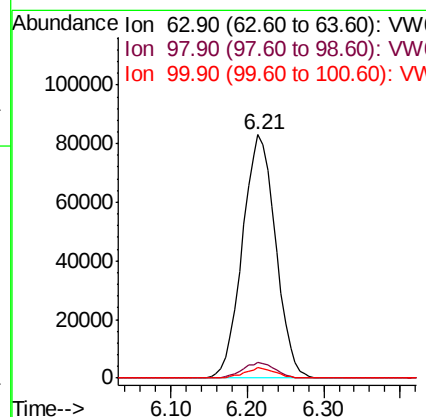
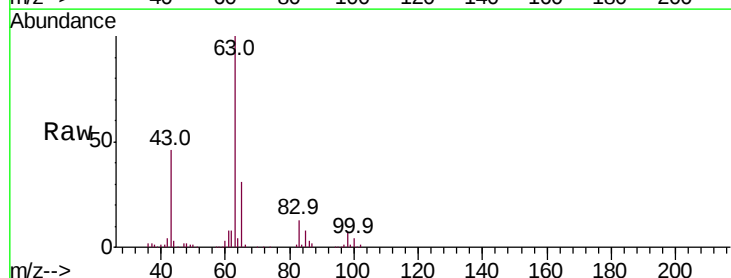
Instrument :
 MSVOA_W
 ClientSampleId :

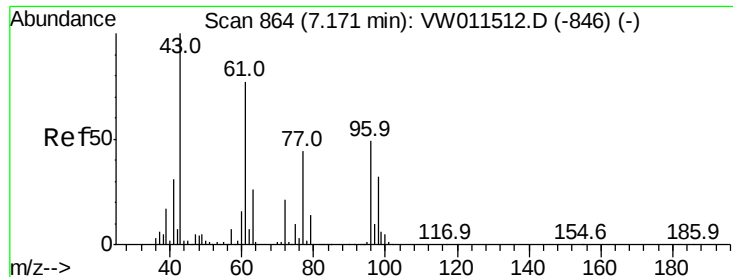
Tot Ion: 43 Resp: 1448542
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 56.946 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 63 Resp: 250476
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.8
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 245.243 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

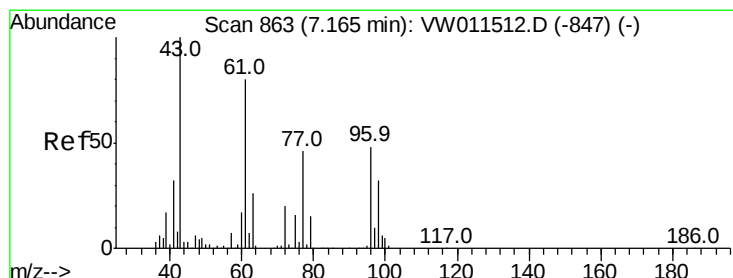
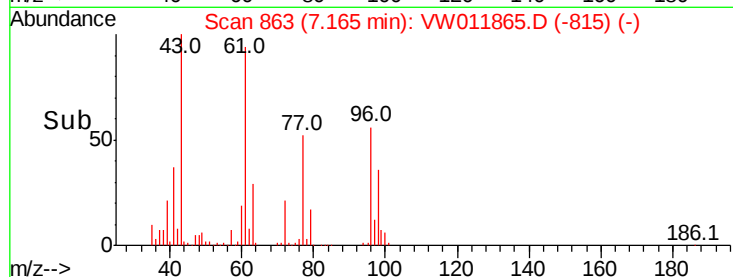
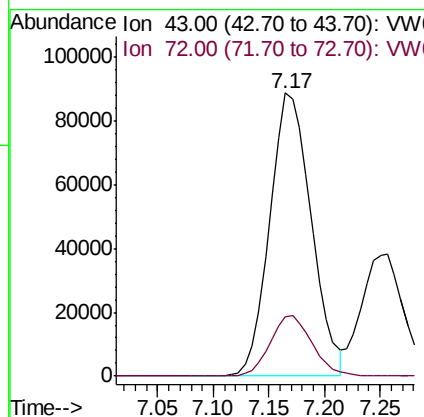
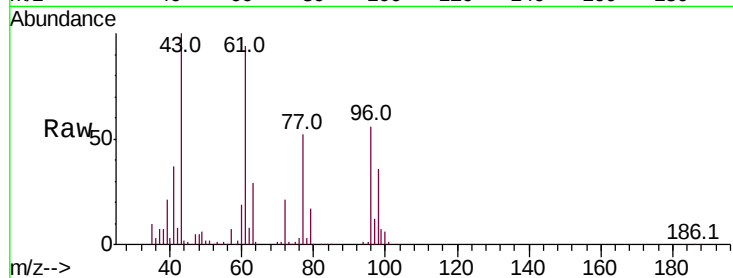
ClientSampled :

Tot Ion: 43 Resp: 230509

Ion Ratio Lower Upper

43 100

72 20.8 16.6 24.8



#26

2,2-Dichloropropane

Concen: 49.581 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011865.D

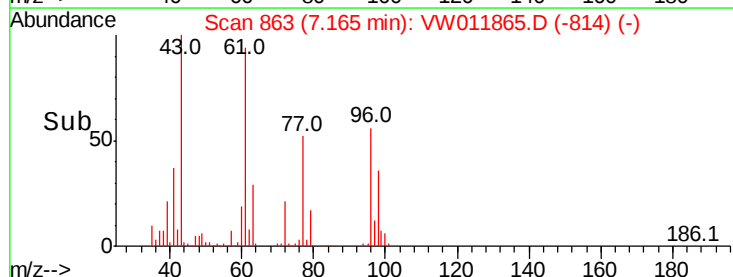
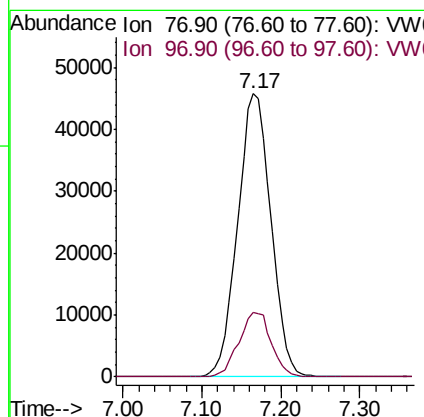
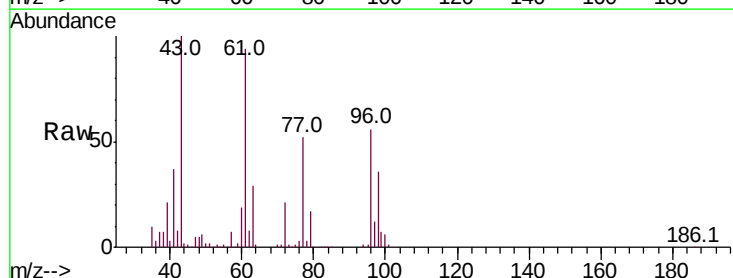
Acq: 12 Aug 2019 21:43

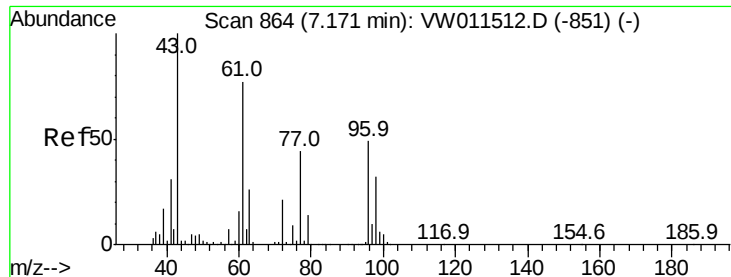
Tgt Ion: 77 Resp: 134117

Ion Ratio Lower Upper

77 100

97 22.3 10.8 32.4



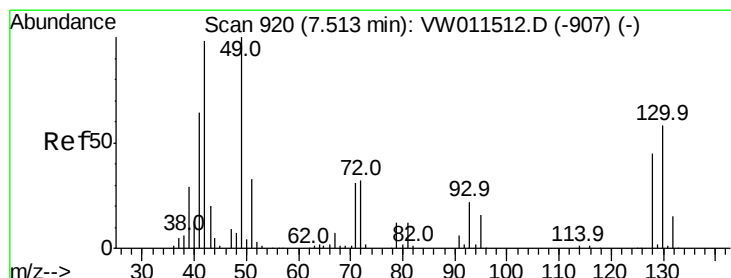
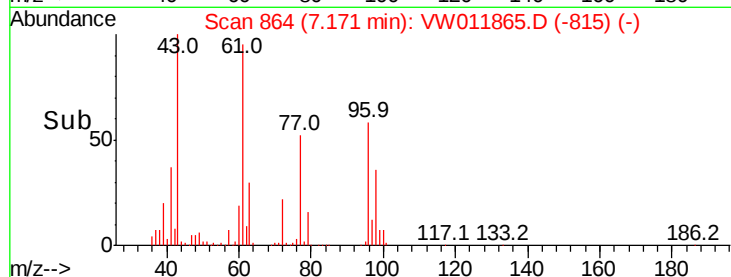
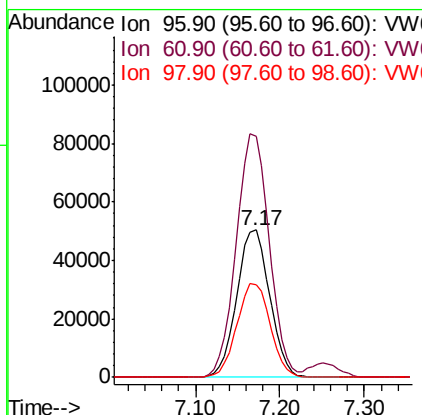
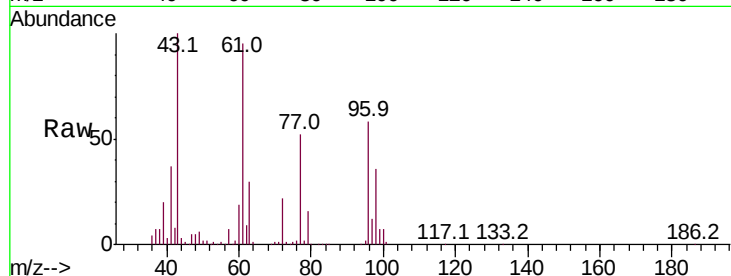


#27

cis-1,2-Dichloroethene
 Concen: 54.706 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampled :

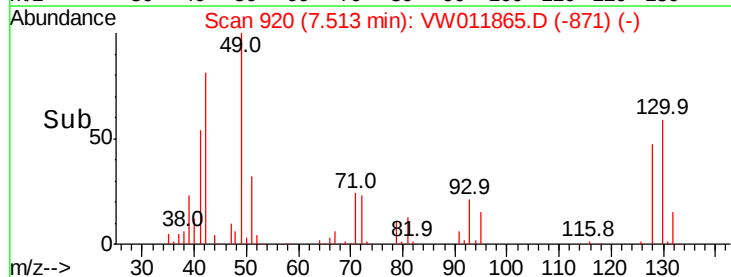
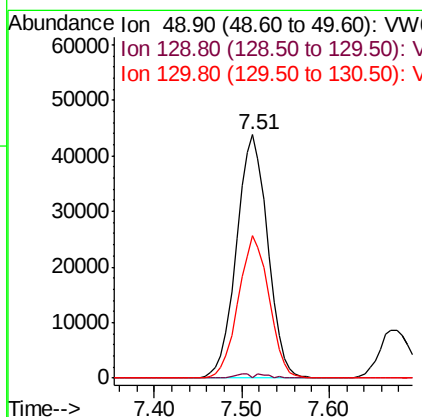
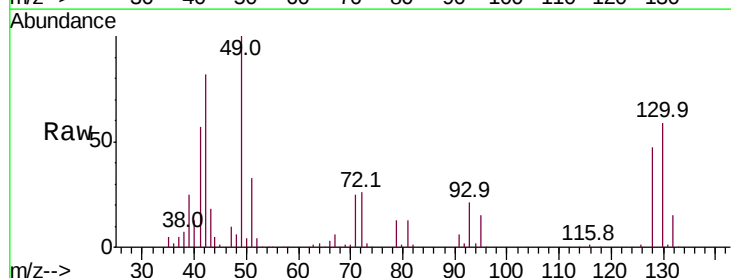
Tot Ion	Ratio	Lower	Upper
96	100		
61	165.5	0.0	328.4
98	64.5	0.0	128.8

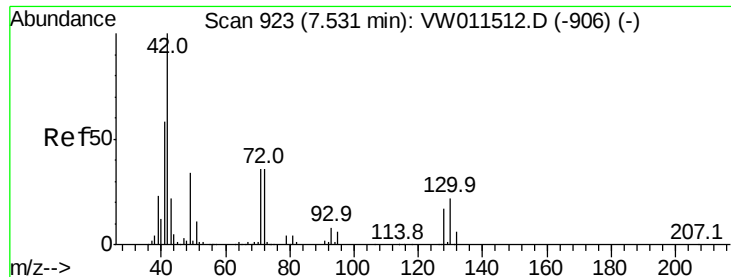


#28

Bromochloromethane
 Concen: 55.691 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.0
130	57.5	46.3	69.5

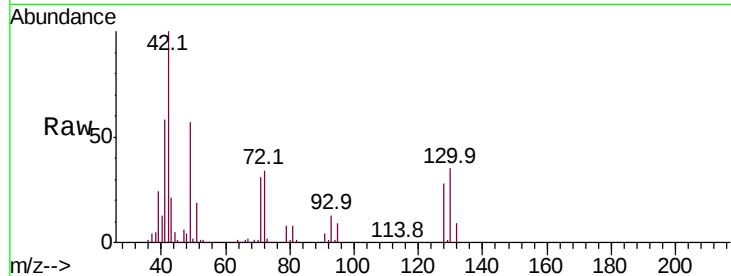




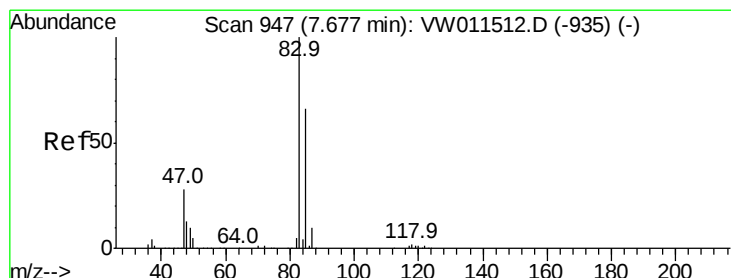
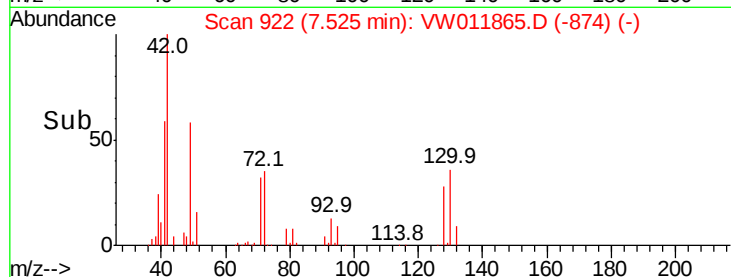
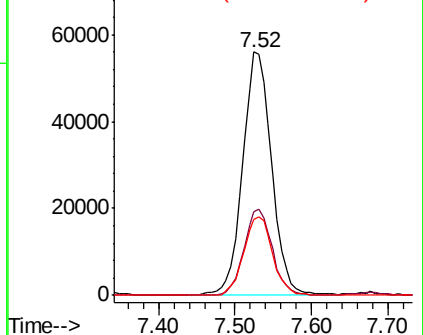
#29
Tetrahydrofuran
Concen: 273.194 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.1	40.7
71	32.6	26.2	39.4

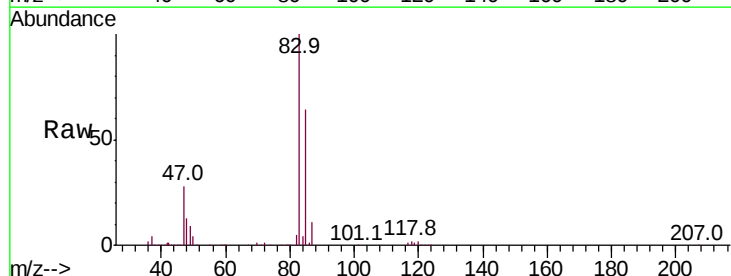


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

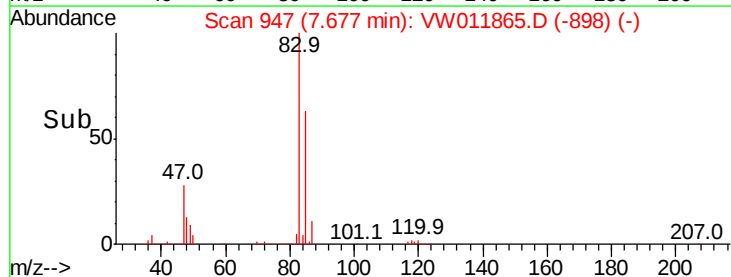
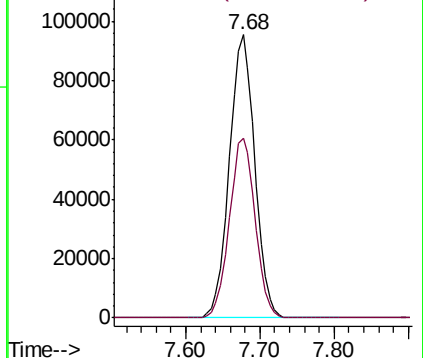


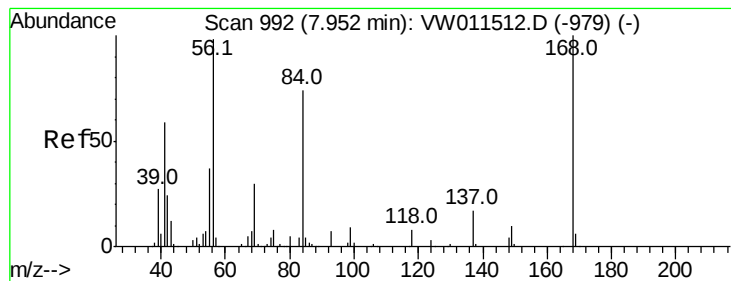
#30
Chloroform
Concen: 56.170 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.5	78.7



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





#31

Cyclohexane

Concen: 52.307 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampled :

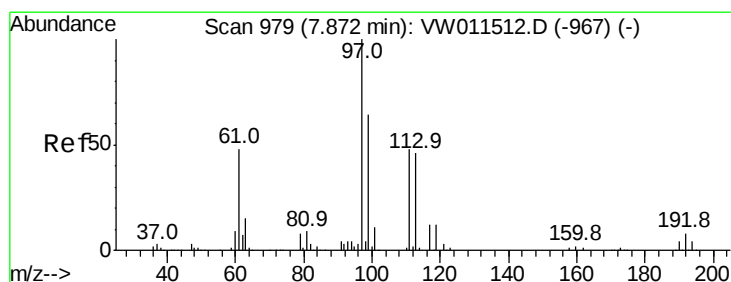
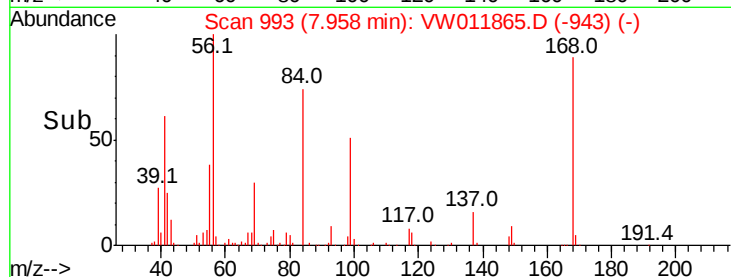
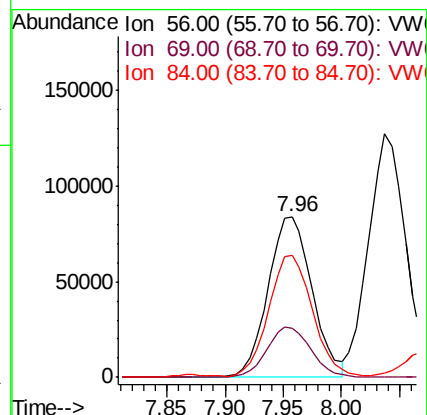
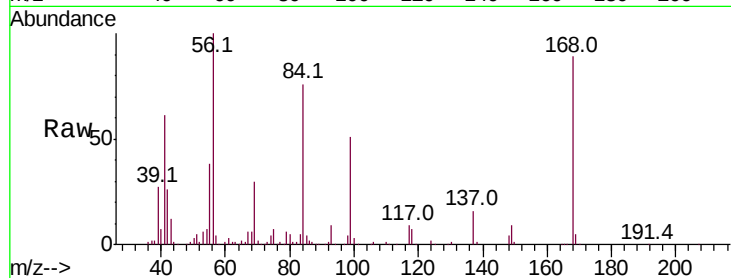
Tot Ion: 56 Resp: 220848

Ion Ratio Lower Upper

56 100

69 30.3 24.3 36.5

84 74.2 60.4 90.6



#32

1,1,1-Trichloroethane

Concen: 58.307 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

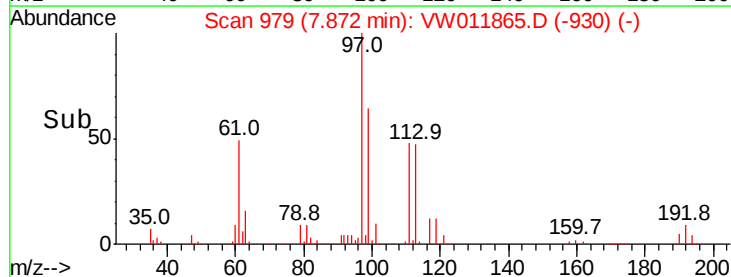
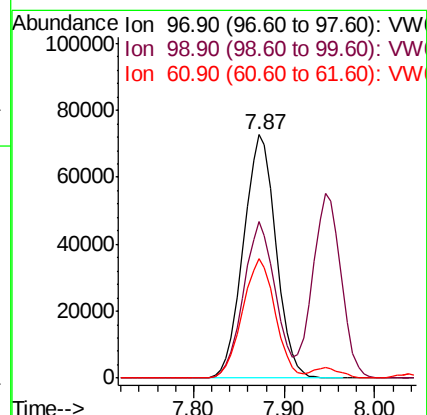
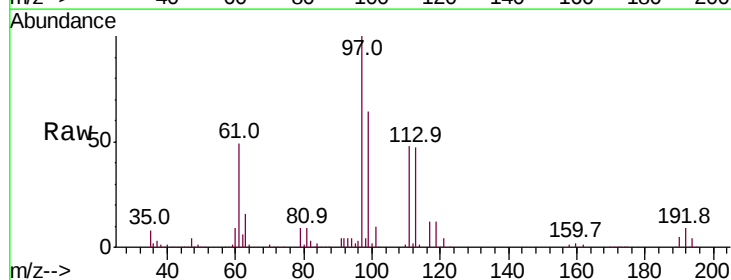
Tgt Ion: 97 Resp: 180190

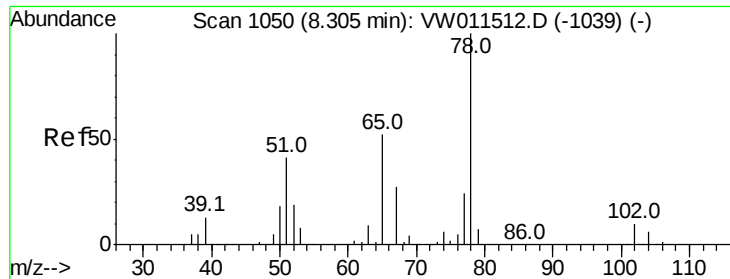
Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 49.5 39.8 59.6





#33

1,2-Dichloroethane-d4

Concen: 60.369 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

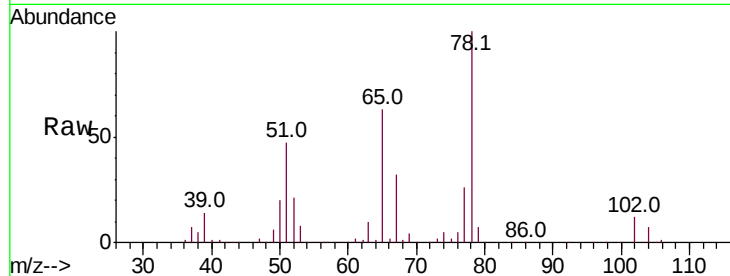
ClientSampled :

Tot Ion: 65 Resp: 136320

Ion Ratio Lower Upper

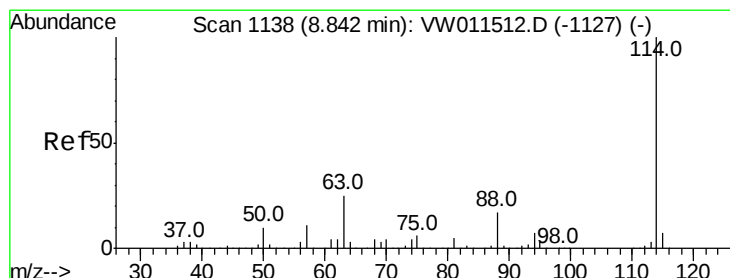
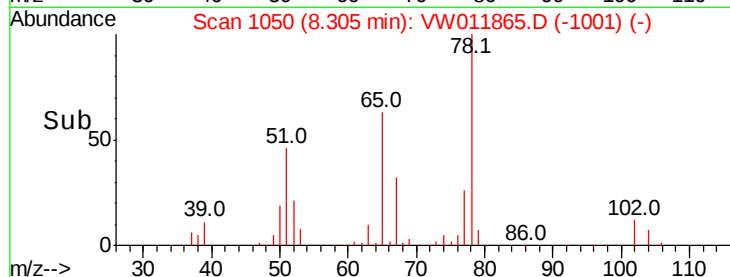
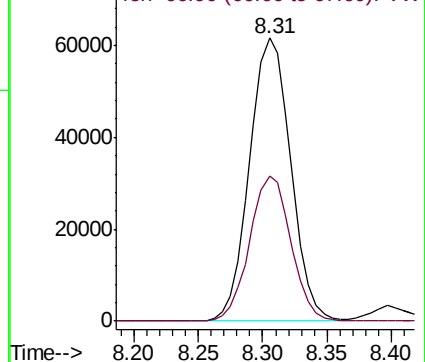
65 100

67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

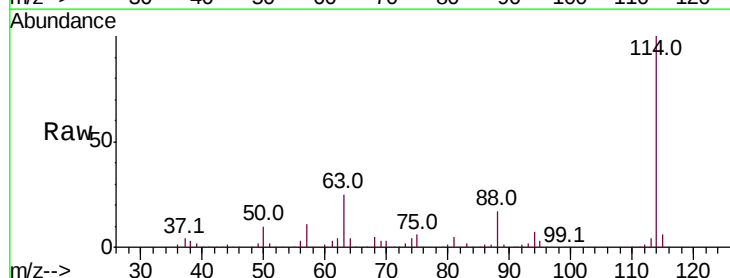
Tgt Ion: 114 Resp: 326674

Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

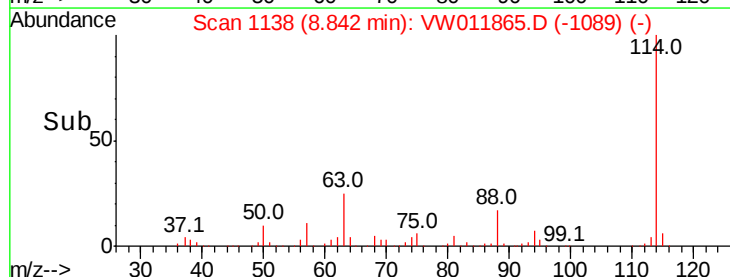
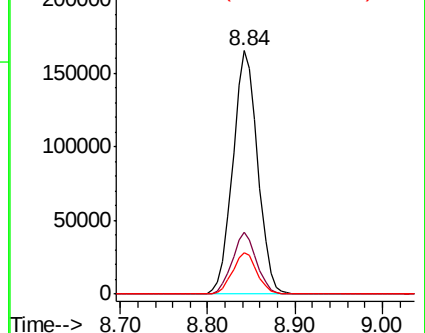
88 17.0 0.0 33.8

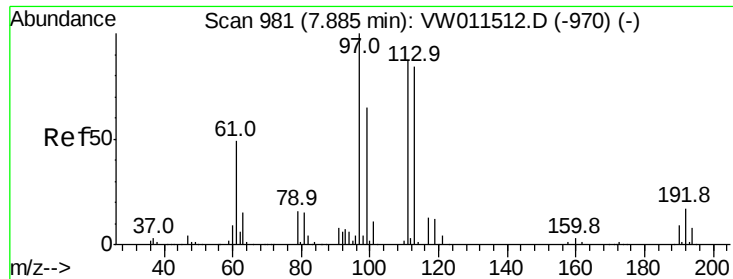


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

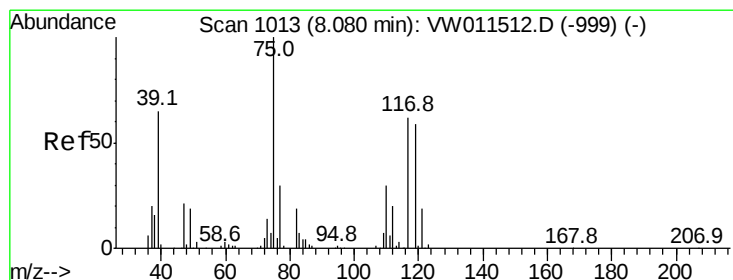
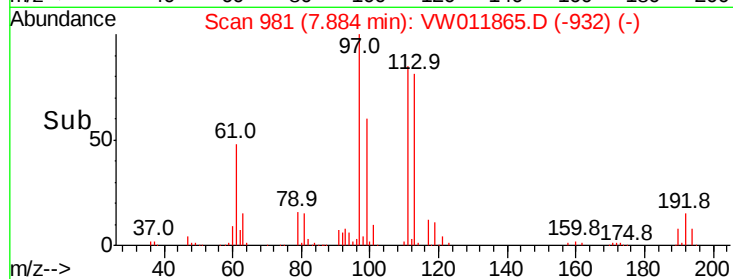
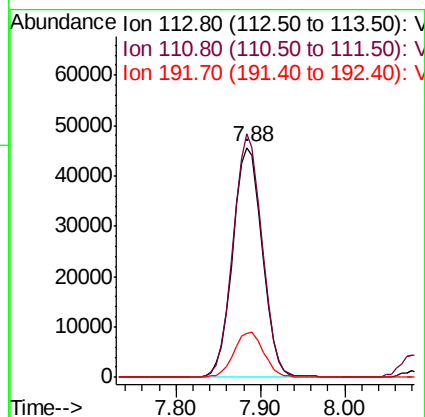
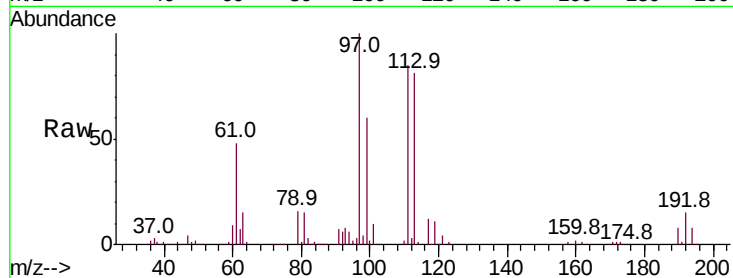




#35
 Dibromofluoromethane
 Concen: 59.091 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

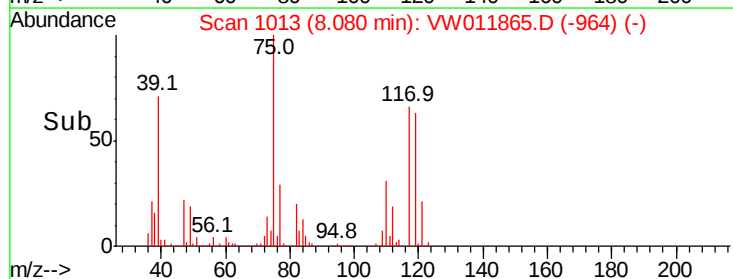
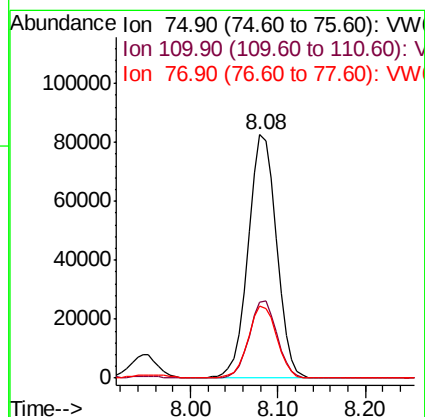
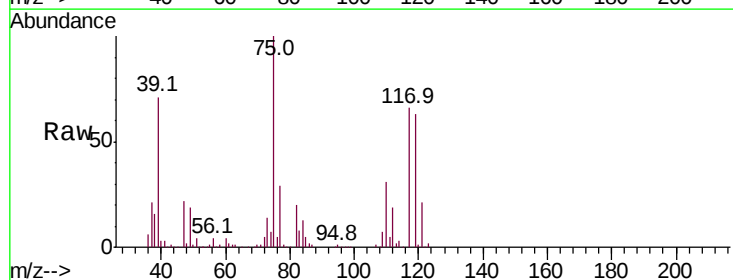
Instrument :
 MSVOA_W
 ClientSampleId :

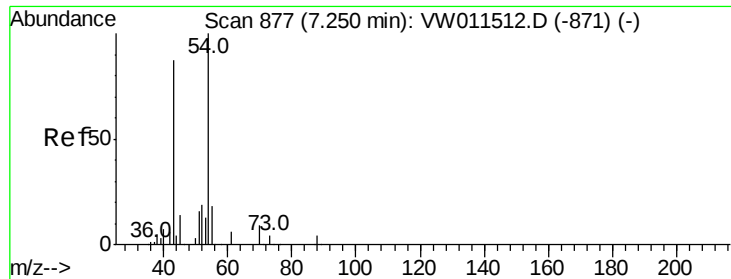
Tot Ion:113 Resp: 108296
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.7 124.1
 192 19.8 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 54.649 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 75 Resp: 185633
 Ion Ratio Lower Upper
 75 100
 110 31.2 15.6 46.8
 77 30.2 24.3 36.5

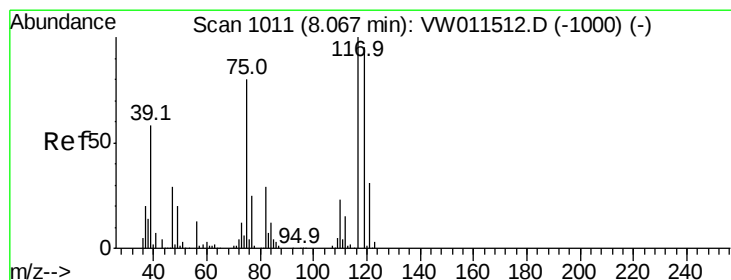
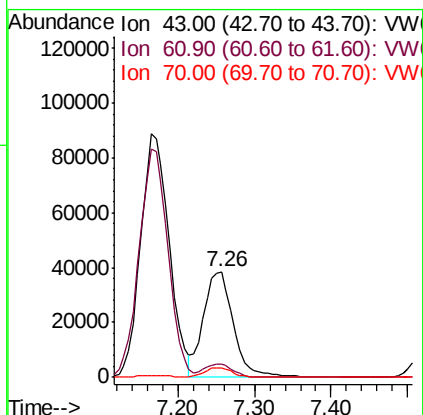
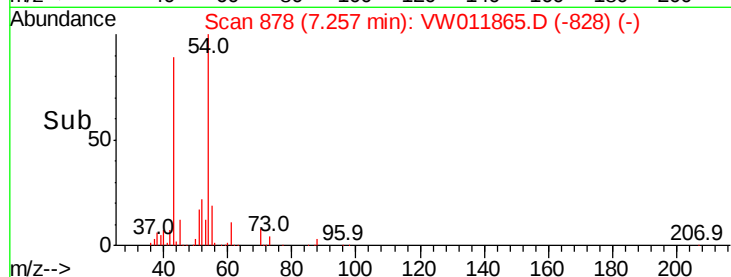
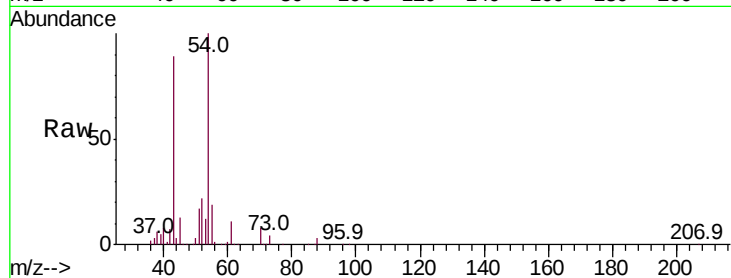




#37
Ethyl Acetate
Concen: 53.136 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

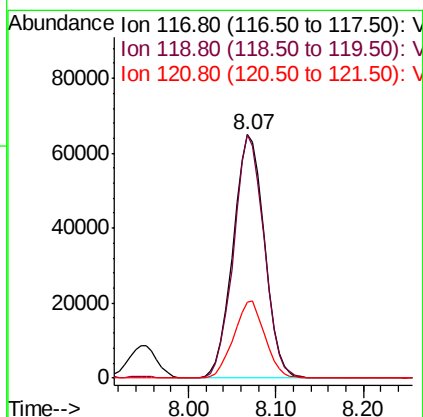
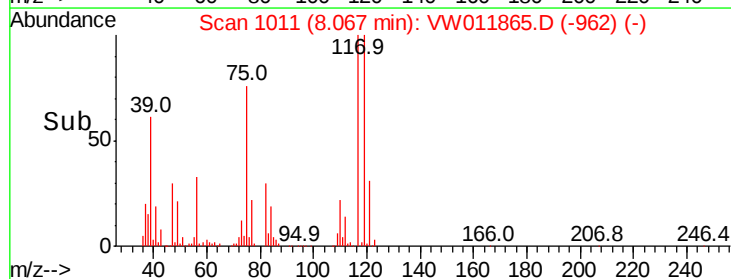
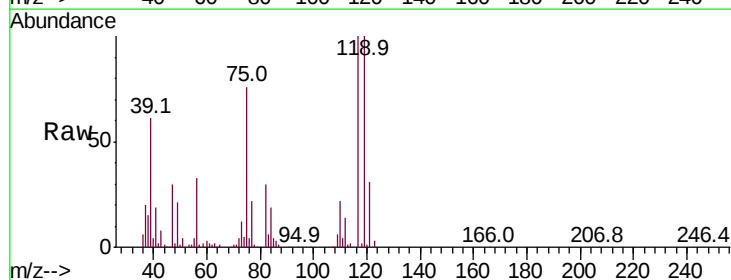
Instrument :
MSVOA_W
ClientSampleId :

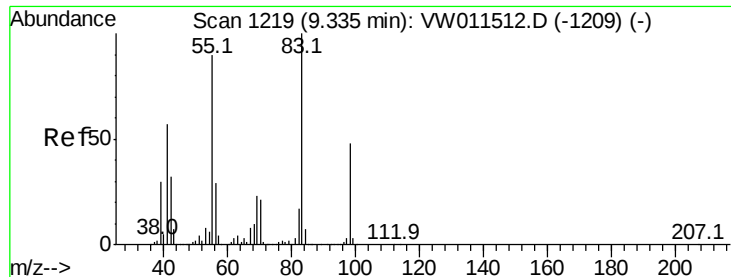
Tot Ion: 43 Resp: 103843
Ion Ratio Lower Upper
43 100
61 12.3 8.8 13.2
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 55.620 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 117 Resp: 161738
Ion Ratio Lower Upper
117 100
119 100.0 75.8 113.6
121 31.3 24.7 37.1

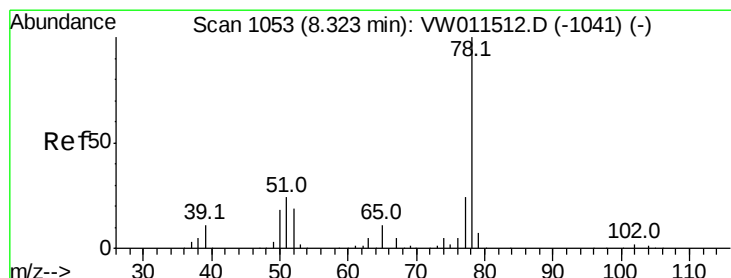
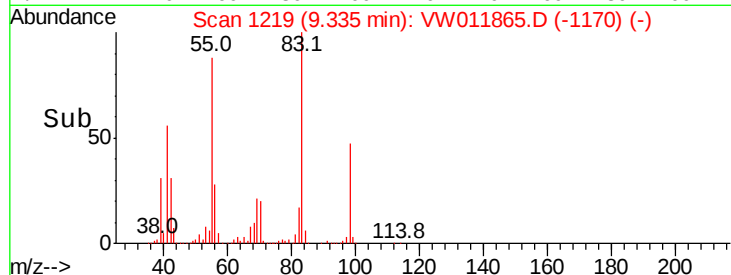
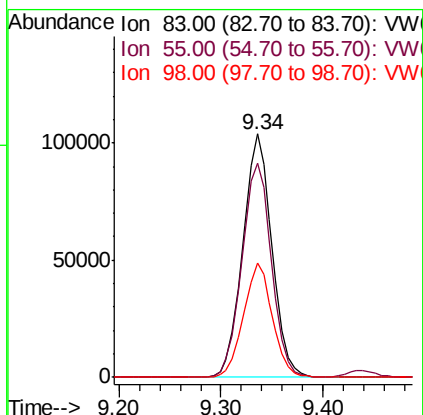
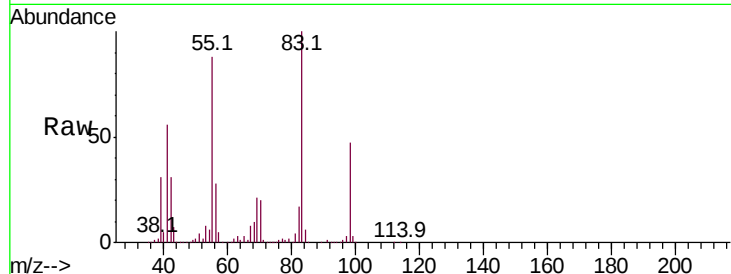




#39
Methvlcvclohexane
Concen: 54.992 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

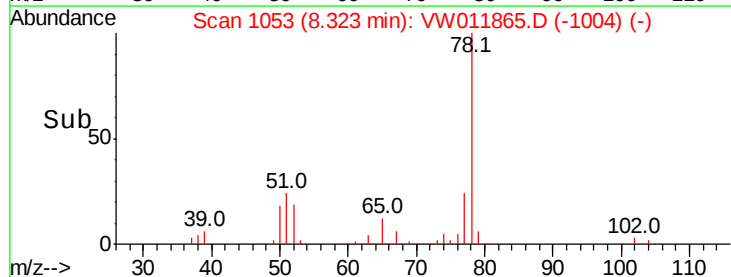
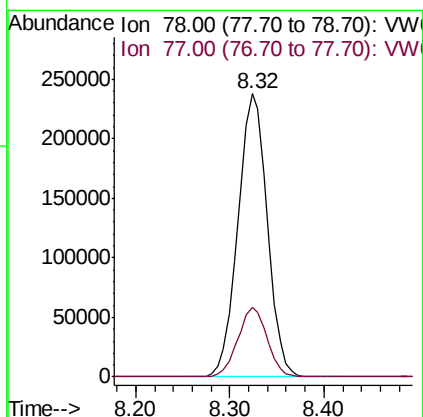
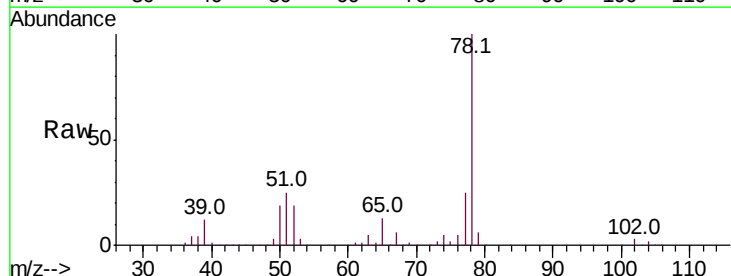
Instrument :
MSVOA_W
ClientSampleId :

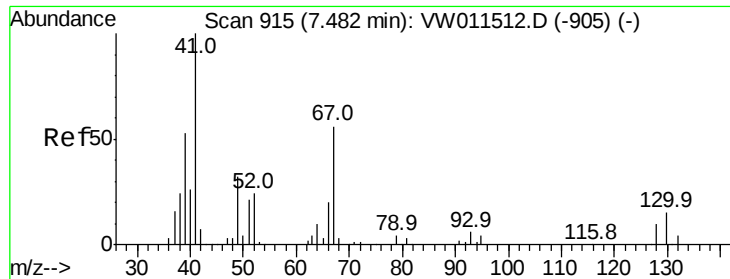
Tot Ion: 83 Resp: 205686
Ion Ratio Lower Upper
83 100
55 87.9 72.1 108.1
98 47.0 38.6 57.8



#40
Benzene
Concen: 54.319 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 78 Resp: 516825
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





#41

Methacrylonitrile

Concen: 54.095 ug/l

RT: 7.48 min Scan# 915

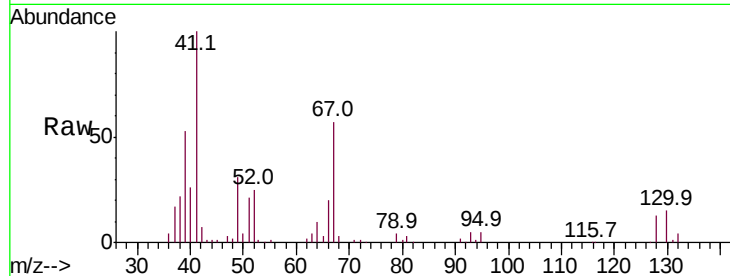
Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	63195
Ion	Ratio	Lower	Upper
41	100		
39	59.0	43.0	64.4
67	58.2	47.5	71.3
52	26.8	21.0	31.6



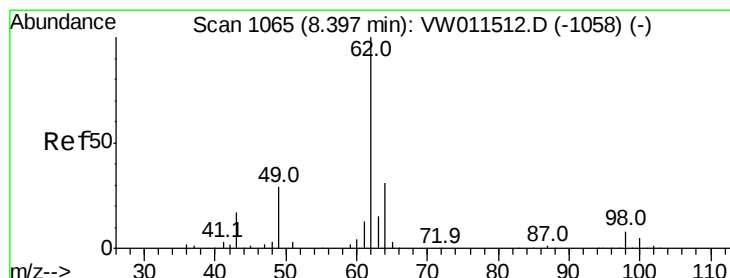
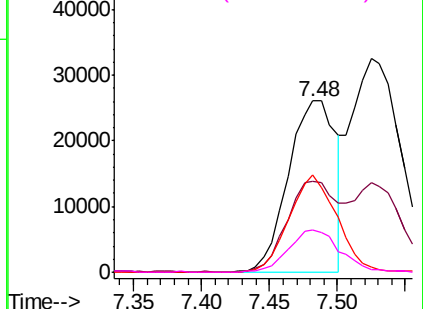
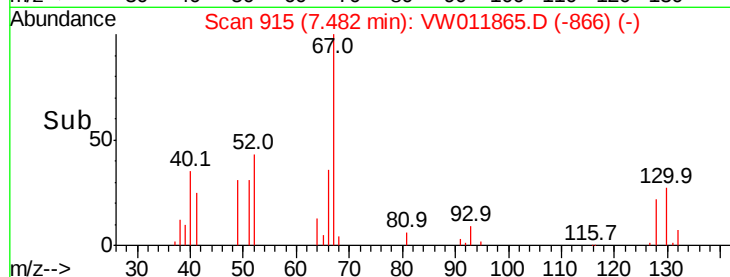
Abundance

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: 55.007 ug/l

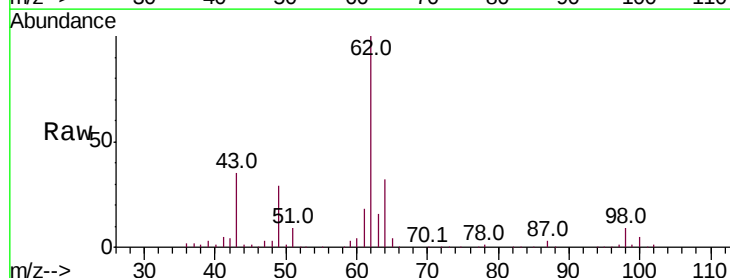
RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

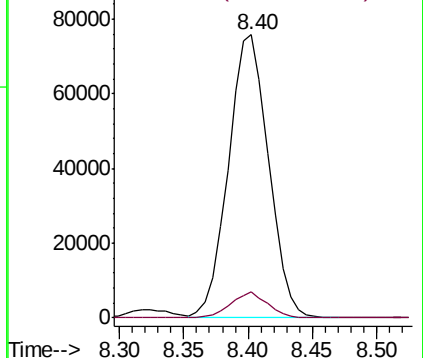
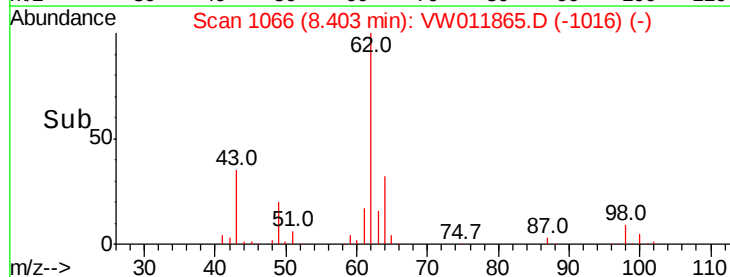
Tgt Ion:	62	Resp:	163861
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8

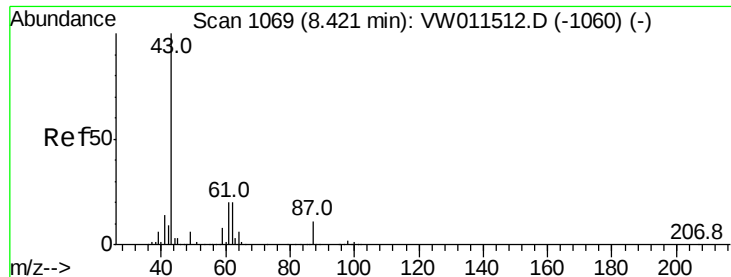


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.217 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampled :

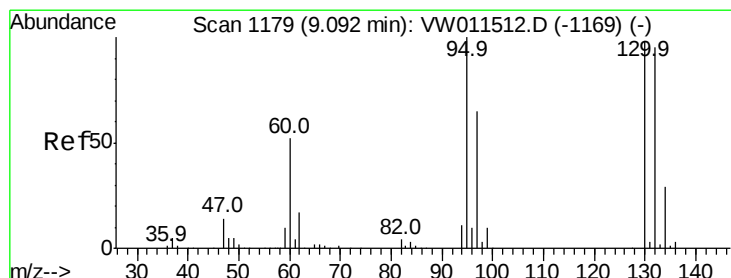
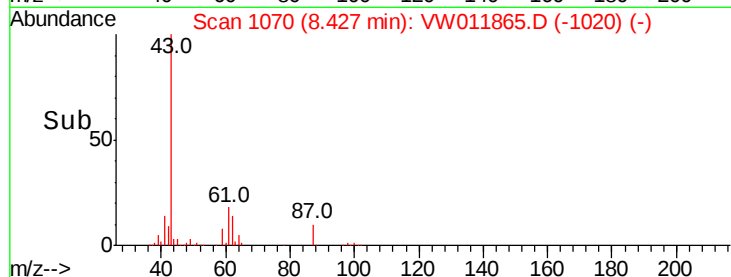
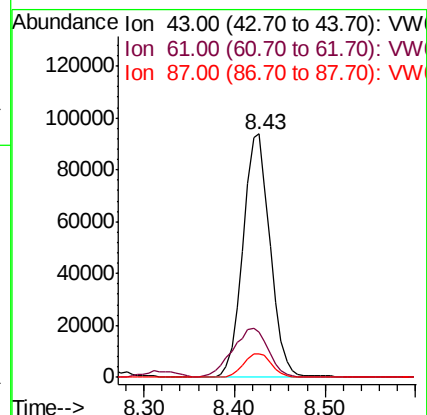
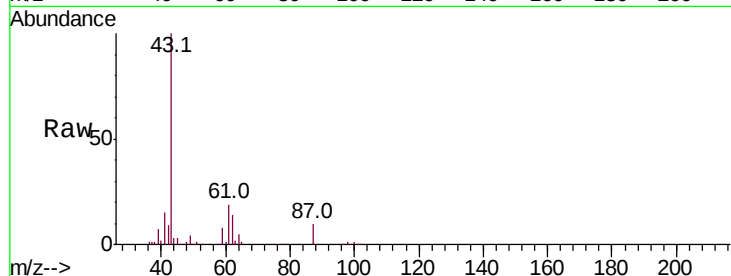
Tot Ion: 43 Resp: 194858

Ion Ratio Lower Upper

43 100

61 26.9 21.5 32.3

87 10.2 8.4 12.6



#44

Trichloroethene

Concen: 53.794 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011865.D

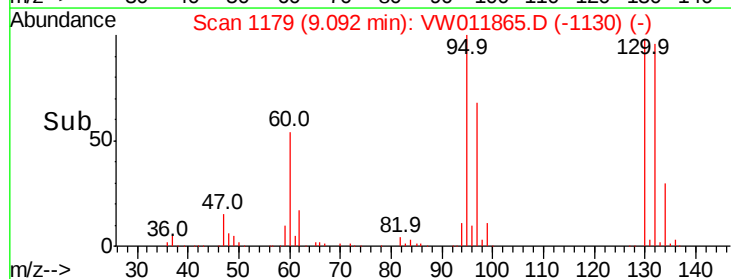
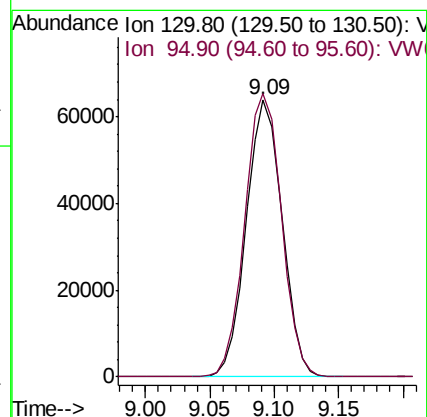
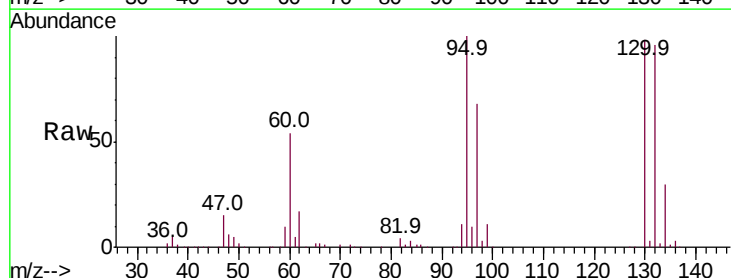
Acq: 12 Aug 2019 21:43

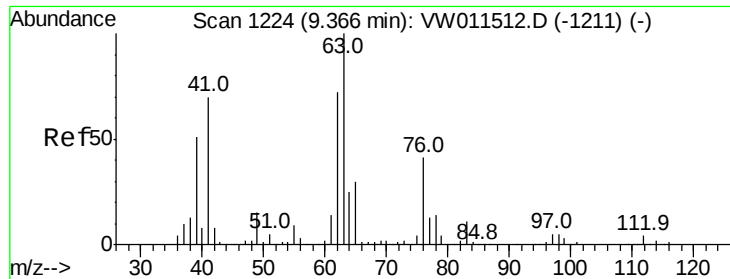
Tgt Ion: 130 Resp: 123018

Ion Ratio Lower Upper

130 100

95 102.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 55.794 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

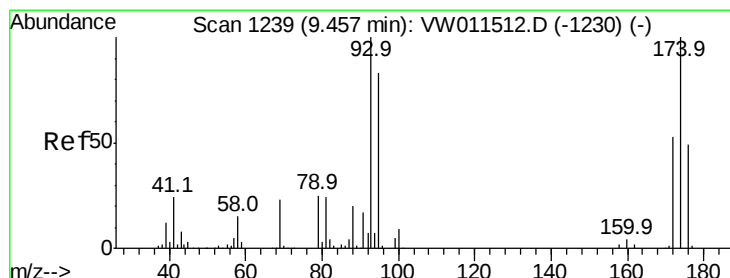
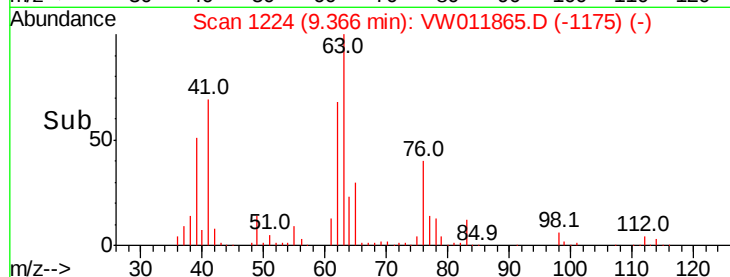
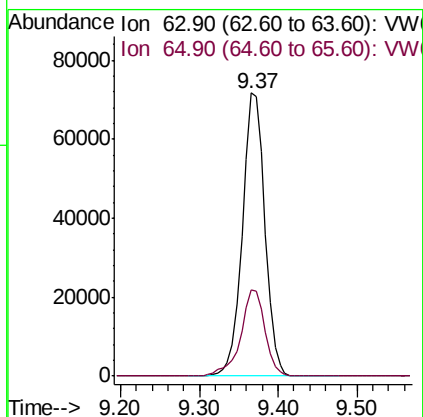
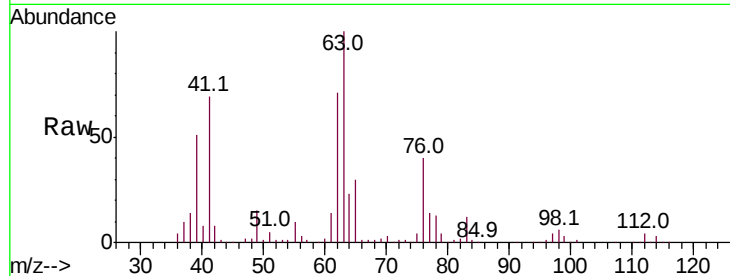
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 142042

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.4



#46

Dibromomethane

Concen: 54.631 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

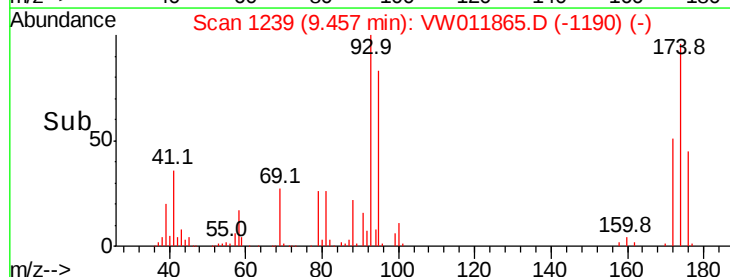
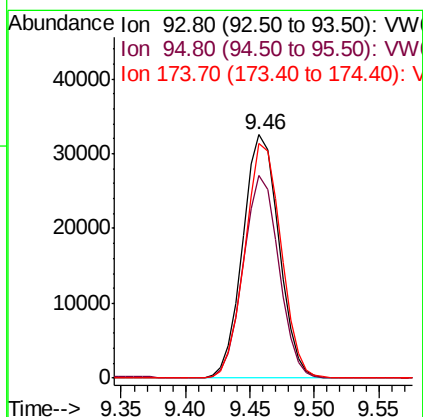
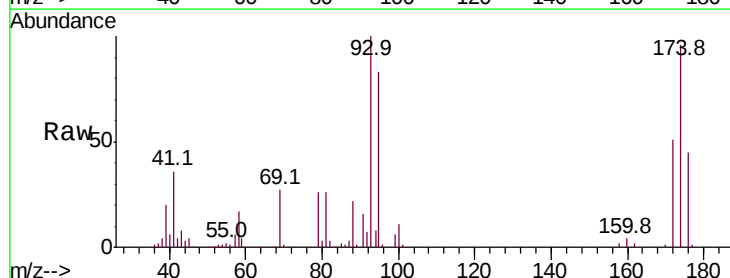
Tgt Ion: 93 Resp: 63479

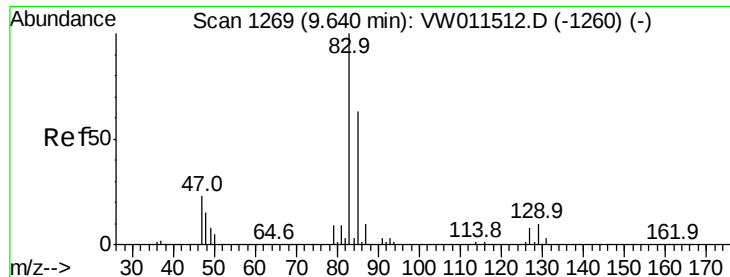
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.2

174 96.2 78.2 117.4





#47

Bromodichloromethane

Concen: 56.223 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampled :

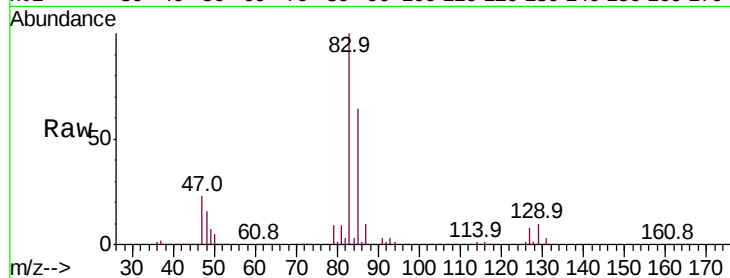
Tot Ion: 83 Resp: 171364

Ion Ratio Lower Upper

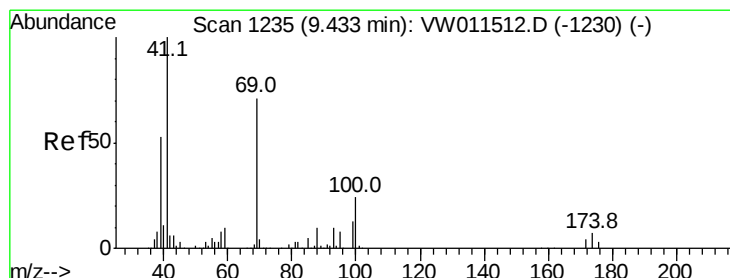
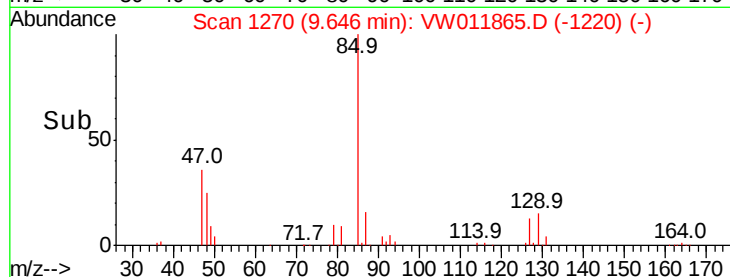
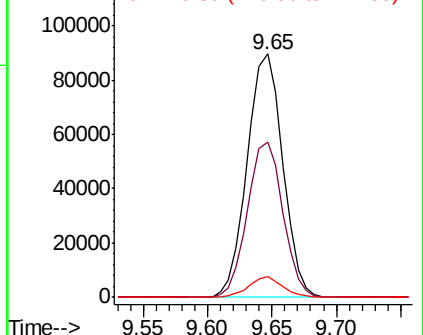
83 100

85 63.7 50.5 75.7

127 8.4 6.4 9.6



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): VW



#48

Methyl methacrylate

Concen: 55.312 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

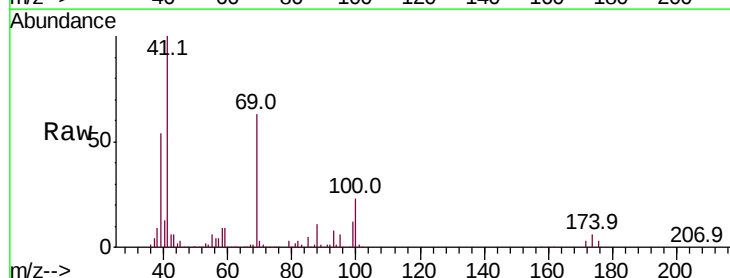
Tgt Ion: 41 Resp: 95493

Ion Ratio Lower Upper

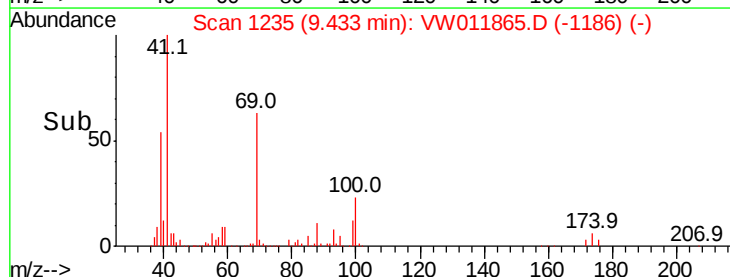
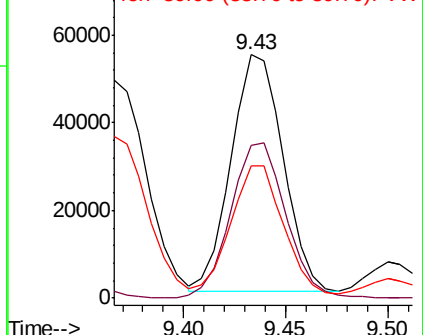
41 100

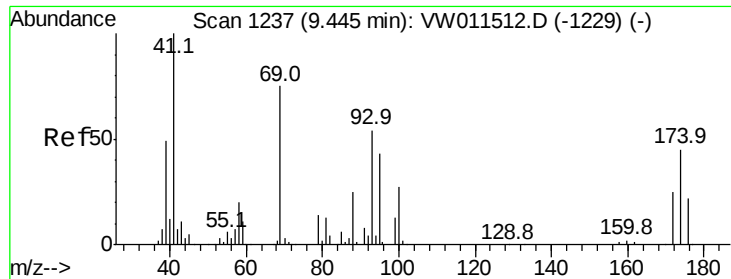
69 69.4 57.1 85.7

39 58.2 45.4 68.2



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

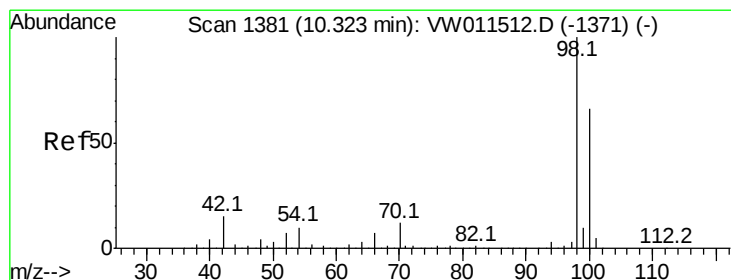
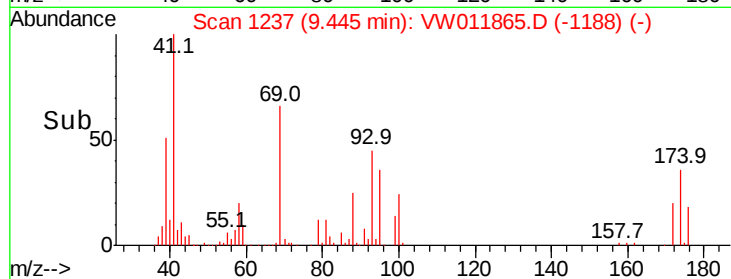
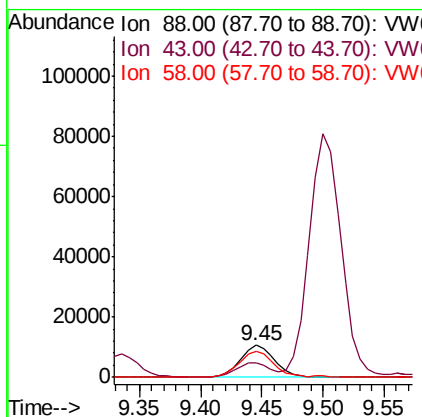
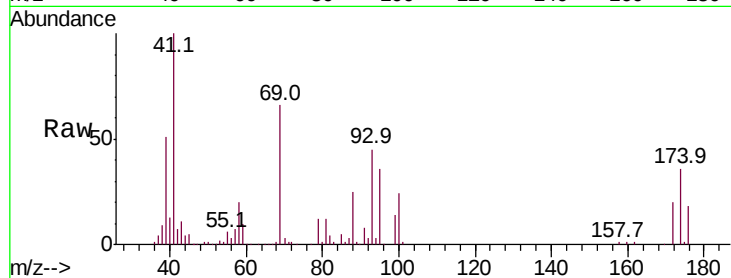




#49
 1,4-Dioxane
 Concen: 1234.104 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

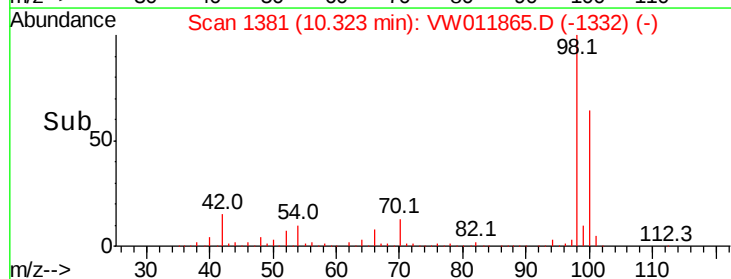
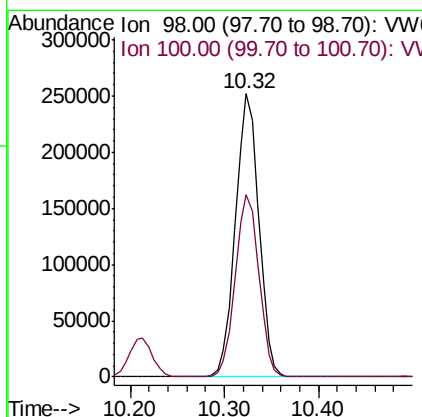
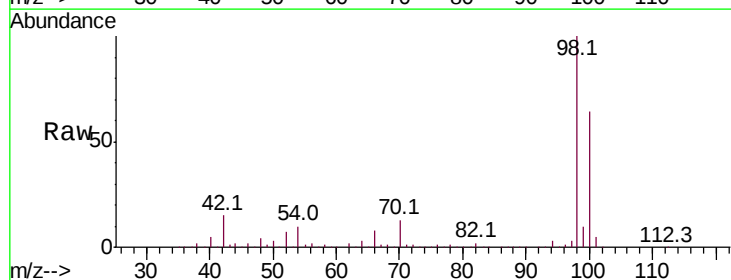
Instrument :
 MSVOA_W
 ClientSampled :

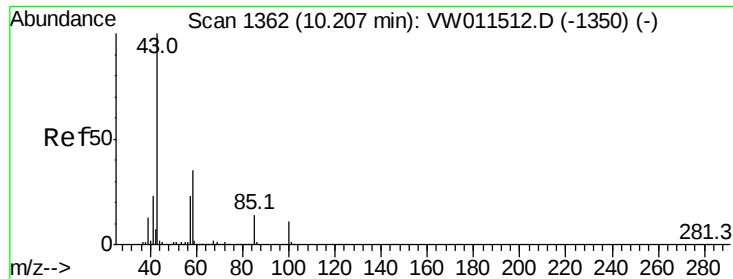
Tot Ion: 88 Resp: 20763
 Ion Ratio Lower Upper
 88 100
 43 43.2 34.0 51.0
 58 82.4 69.7 104.5



#50
 Toluene-d8
 Concen: 57.994 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 98 Resp: 435166
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 269.892 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

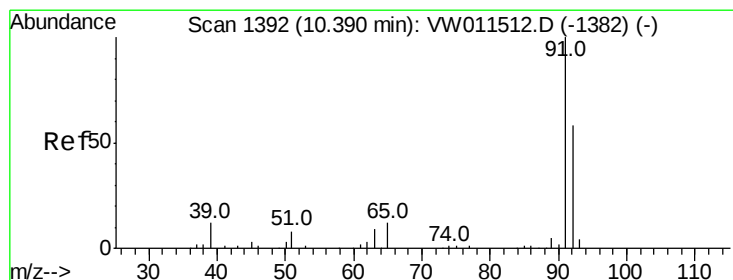
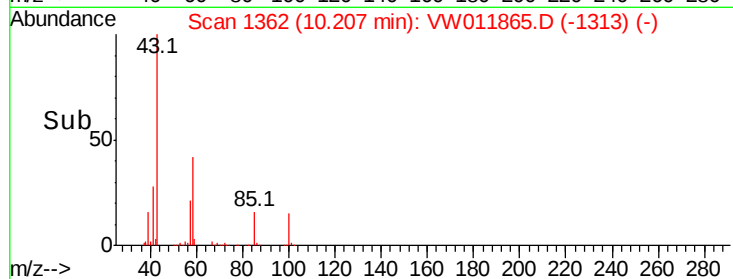
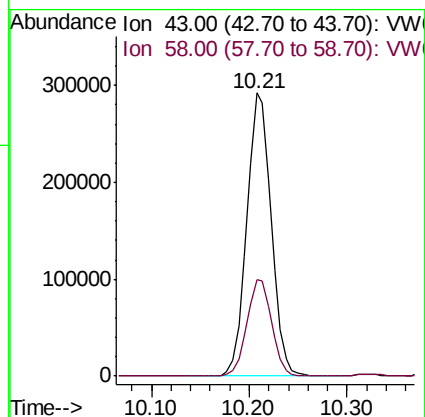
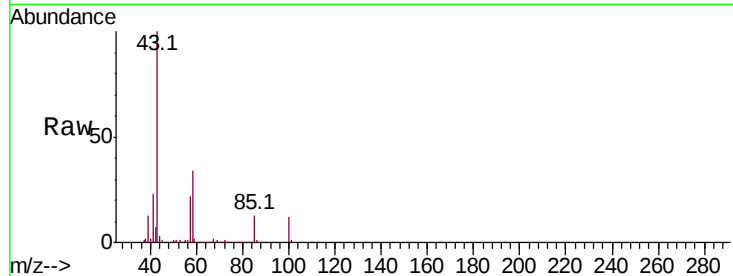
ClientSampled :

Tot Ion: 43 Resp: 504549

Ion Ratio Lower Upper

43 100

58 34.7 28.2 42.2



#52

Toluene

Concen: 54.607 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011865.D

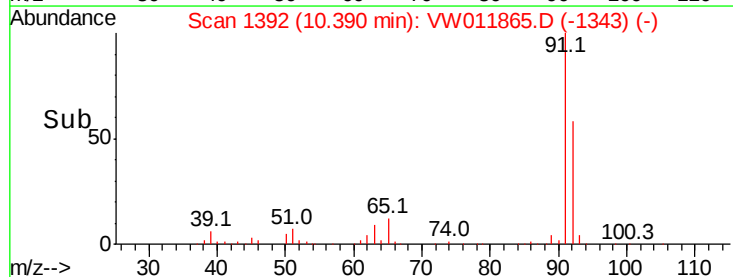
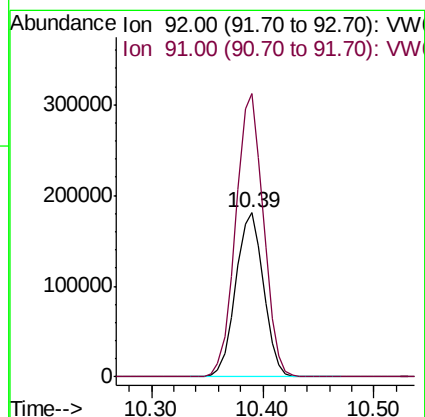
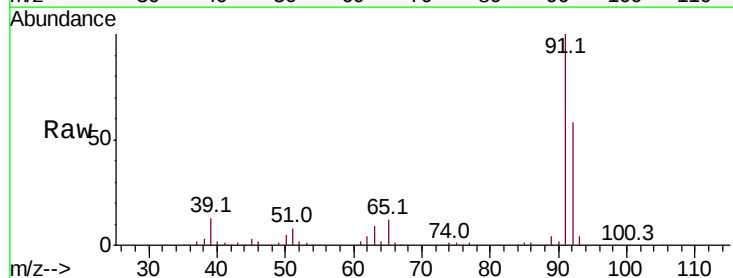
Acq: 12 Aug 2019 21:43

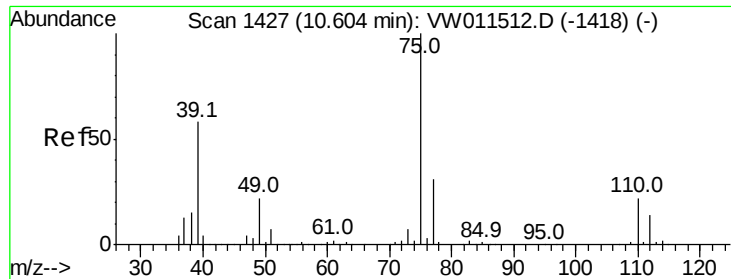
Tgt Ion: 92 Resp: 313766

Ion Ratio Lower Upper

92 100

91 171.5 136.7 205.1

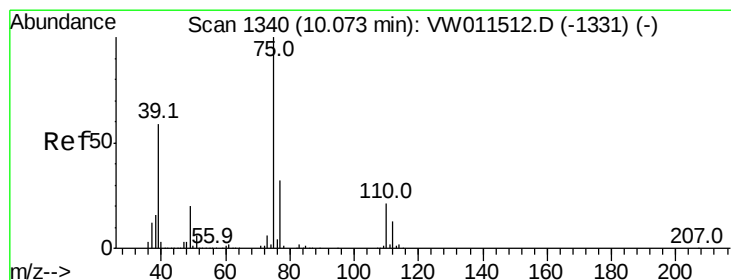
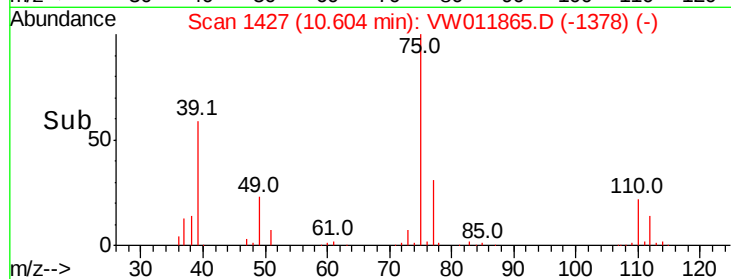
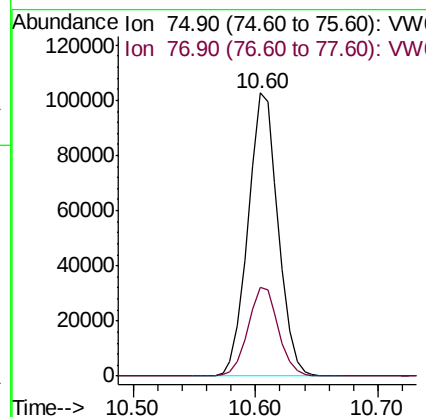
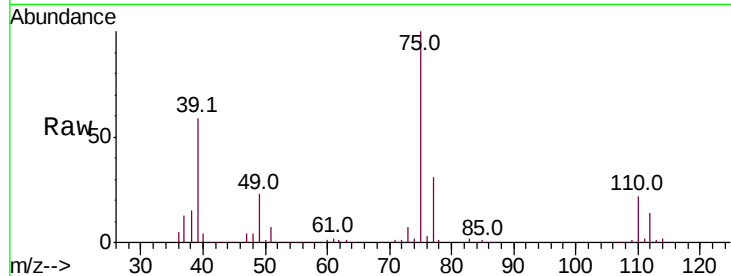




#53
t-1,3-Dichloropropene
Concen: 54.957 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

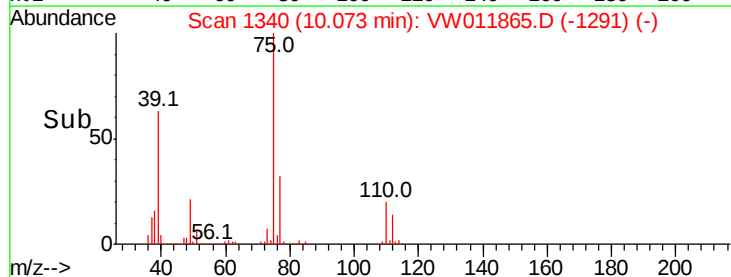
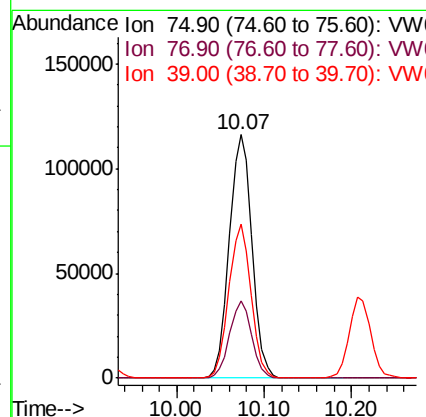
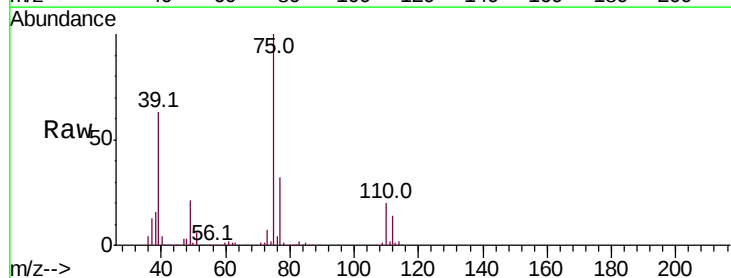
Instrument :
MSVOA_W
ClientSampled :

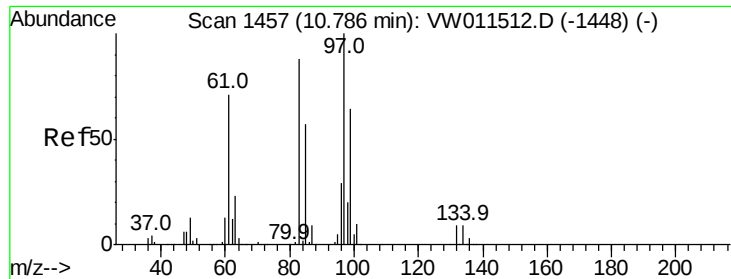
Tot Ion: 75 Resp: 174978
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 55.080 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 75 Resp: 208515
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 62.9 47.0 70.4

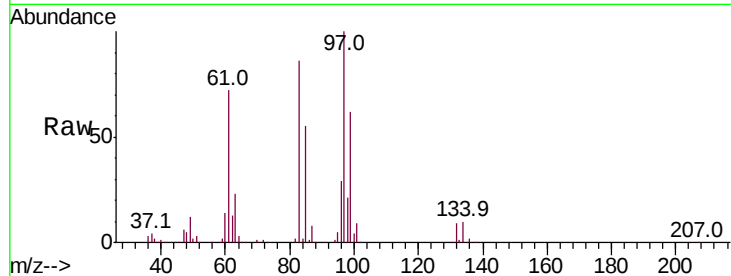




#55
 1,1,2-Trichloroethane
 Concen: 54.108 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	89204
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.5	105.7
85	55.3	45.8	68.6
99	61.6	51.0	76.4



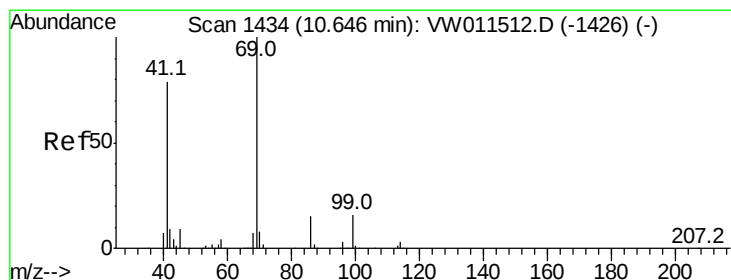
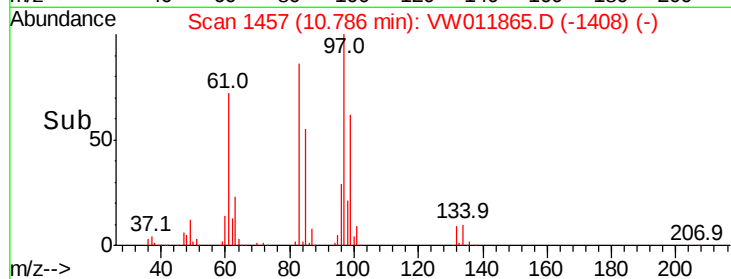
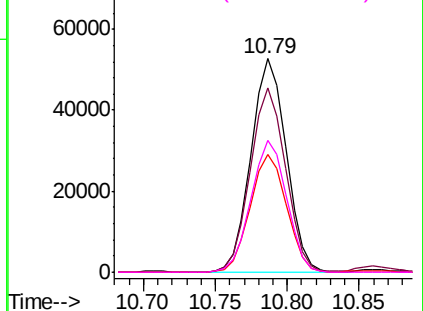
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

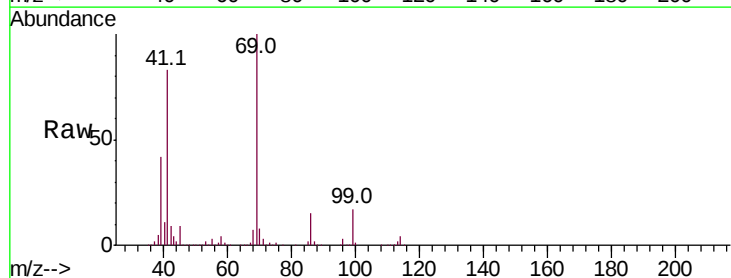
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 54.928 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion:	69	Resp:	132512
Ion	Ratio	Lower	Upper
69	100		
41	82.7	66.6	99.8
39	39.8	30.3	45.5

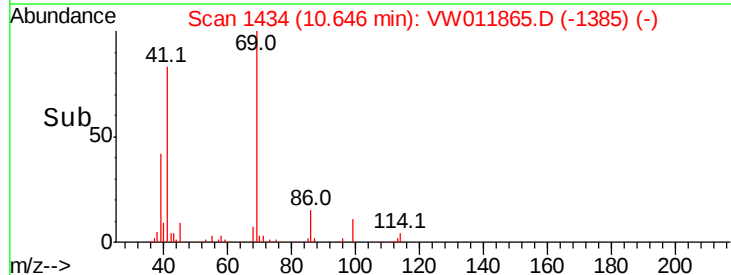
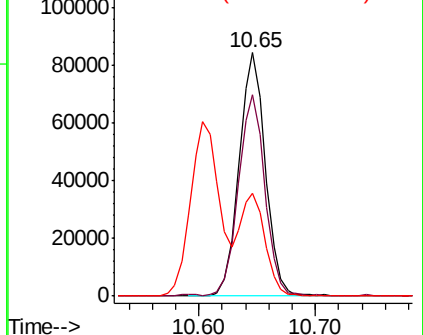


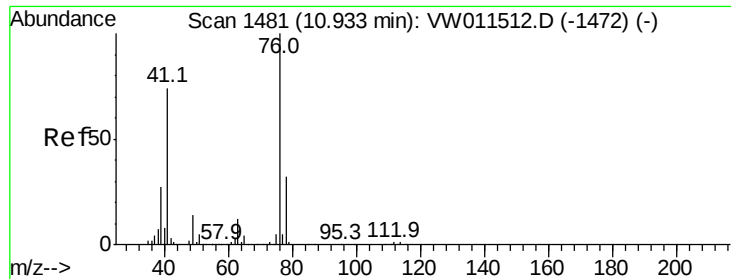
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

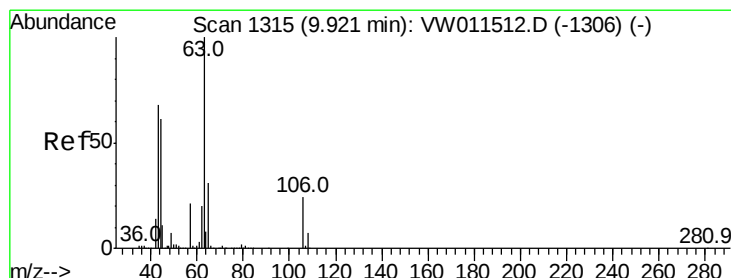
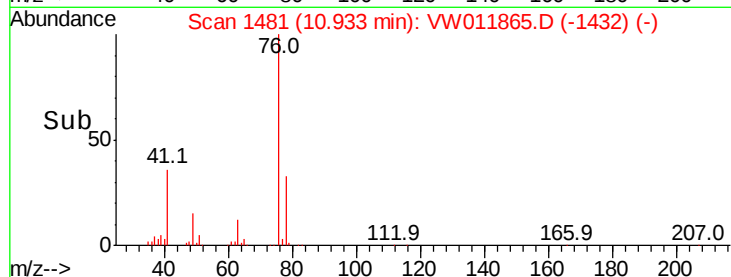
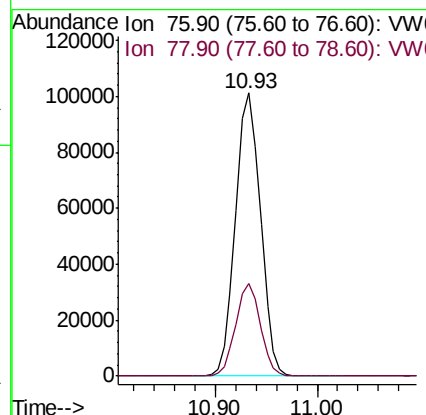
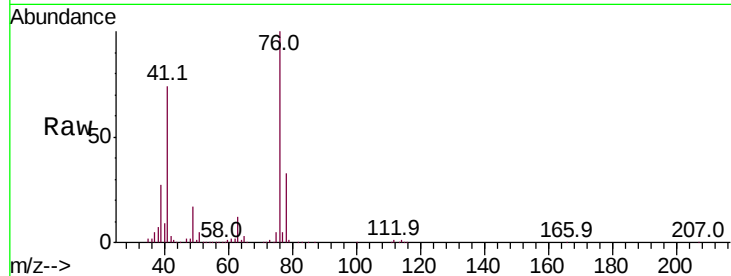




#57
 1,3-Dichloropropane
 Concen: 55.058 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

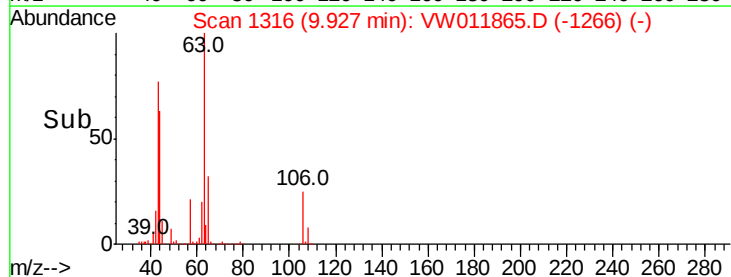
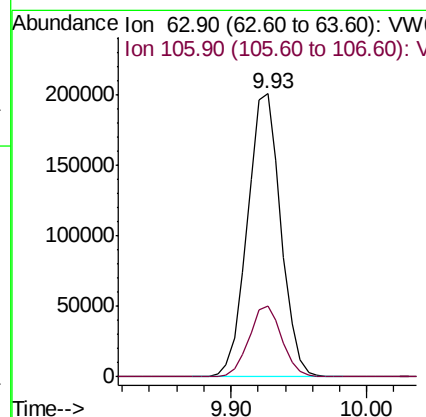
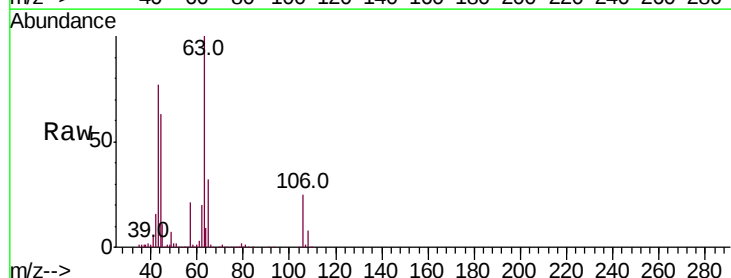
Instrument :
 MSVOA_W
 ClientSampled :

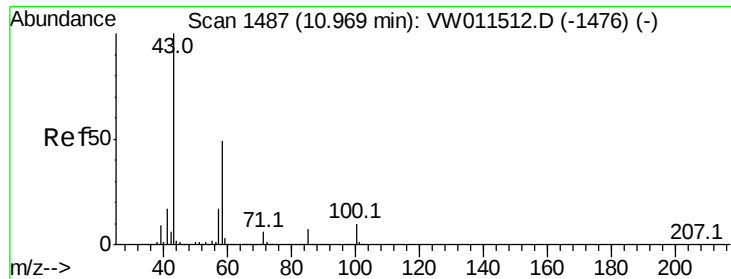
Tot Ion: 76 Resp: 171730
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 314.785 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 63 Resp: 344805
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.7 29.5

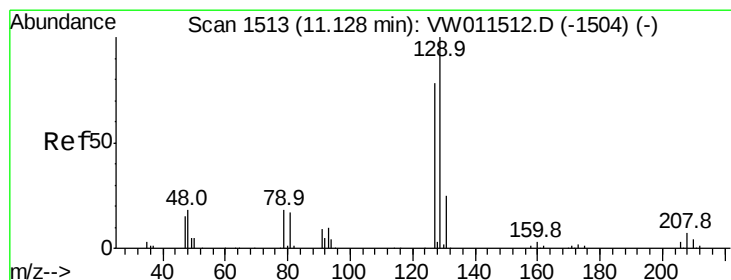
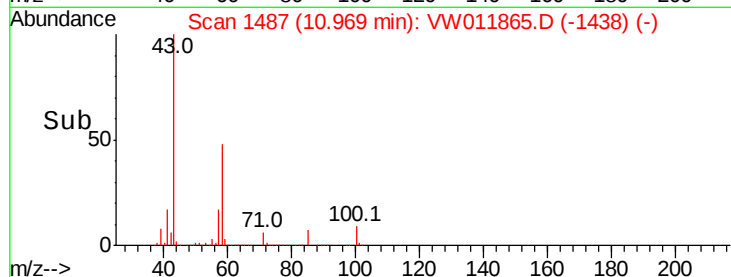
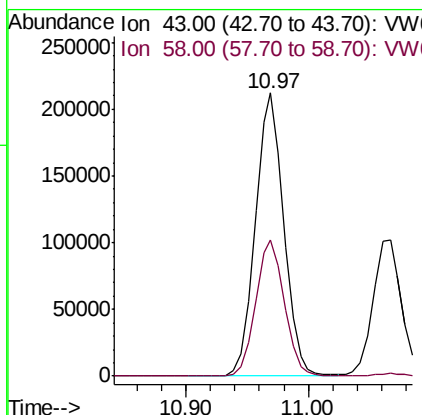
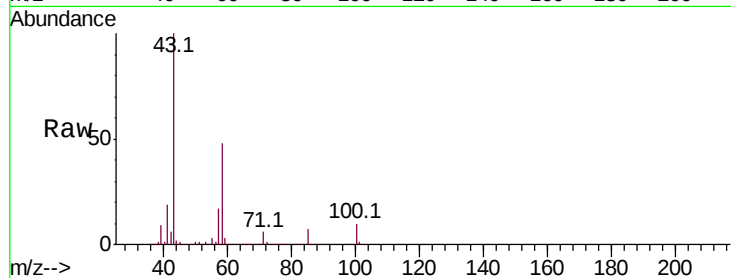




#59
2-Hexanone
Concen: 259.433 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

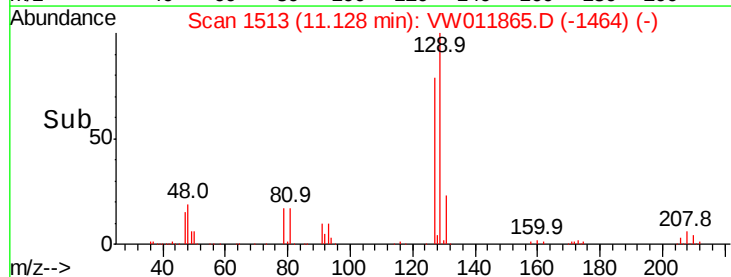
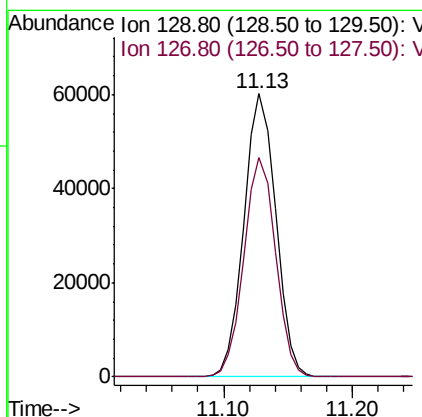
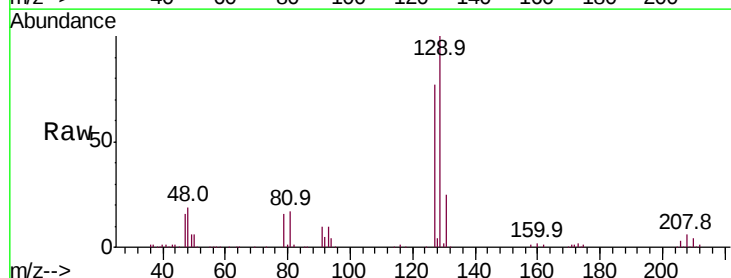
Instrument :
MSVOA_W
ClientSampleId :

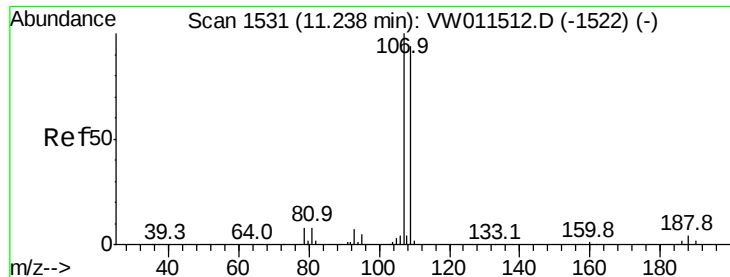
Tot Ion: 43 Resp: 342439
Ion Ratio Lower Upper
43 100
58 48.7 24.3 72.9



#60
Dibromochloromethane
Concen: 56.349 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion:129 Resp: 103120
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

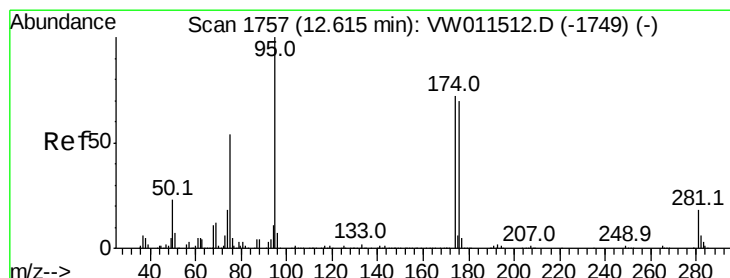
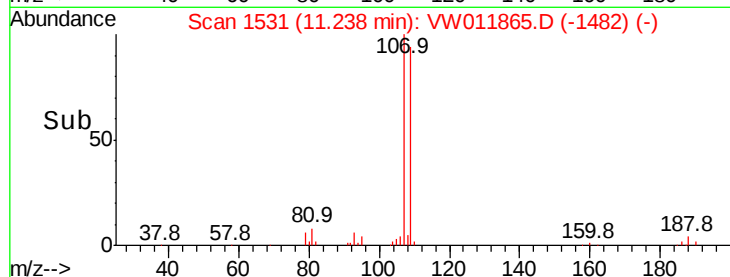
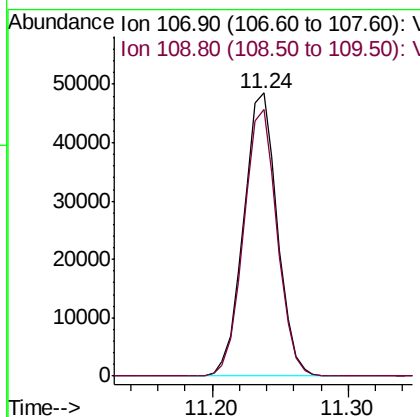
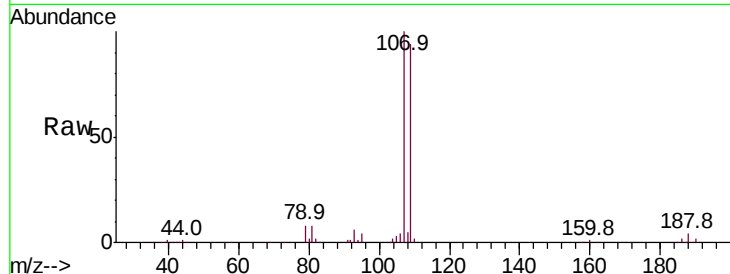




#61
 1,2-Dibromoethane
 Concen: 53.920 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

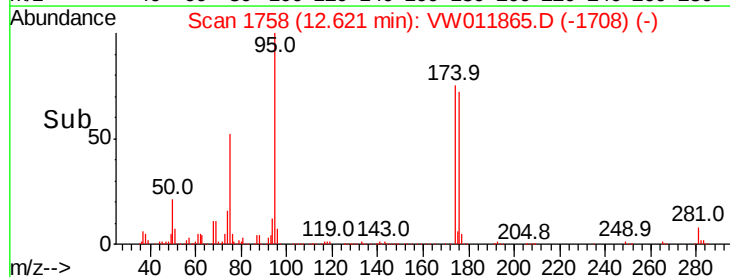
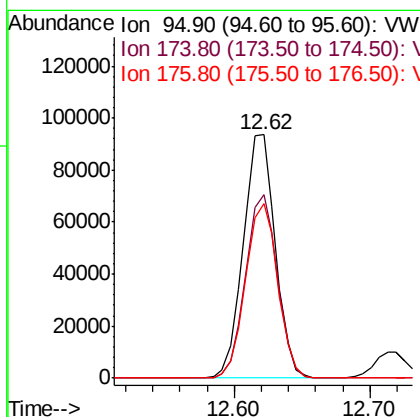
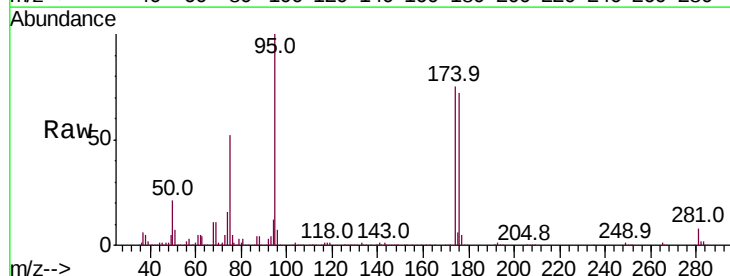
Instrument :
 MSVOA_W
 ClientSampled :

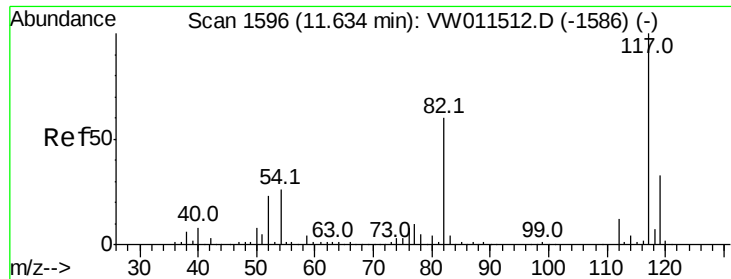
Tot Ion:107 Resp: 84124
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 57.744 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 95 Resp: 154475
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.2
 176 72.2 0.0 144.4

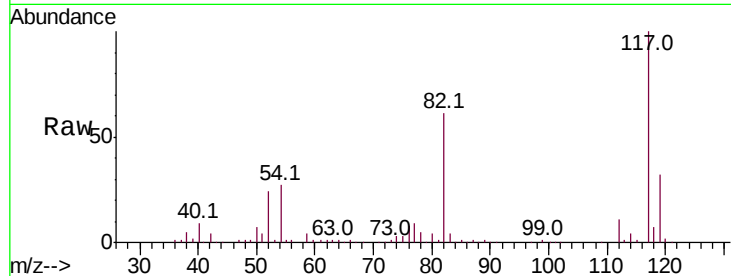




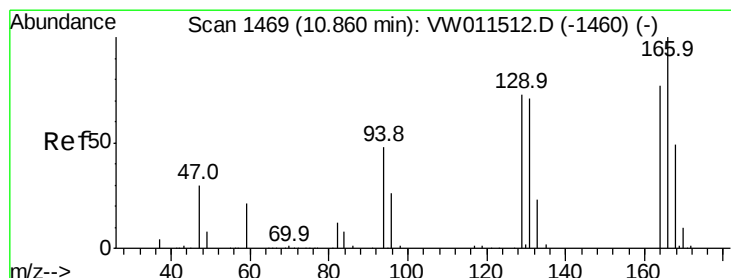
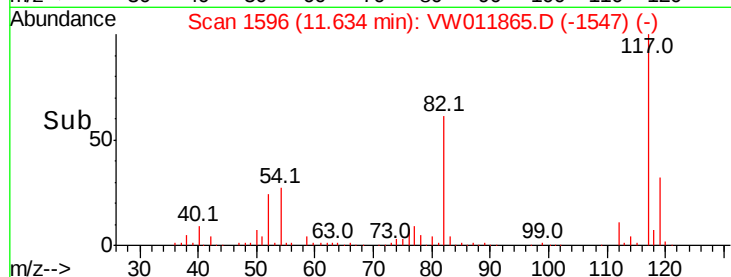
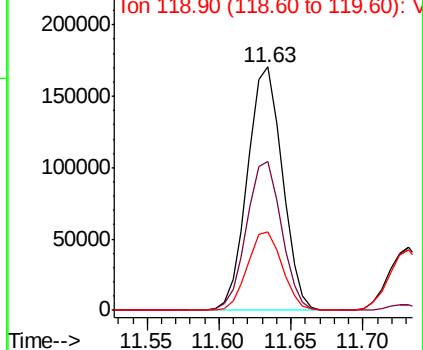
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 285498
Ion Ratio Lower Upper
117 100
82 61.0 47.9 71.9
119 32.1 26.2 39.2

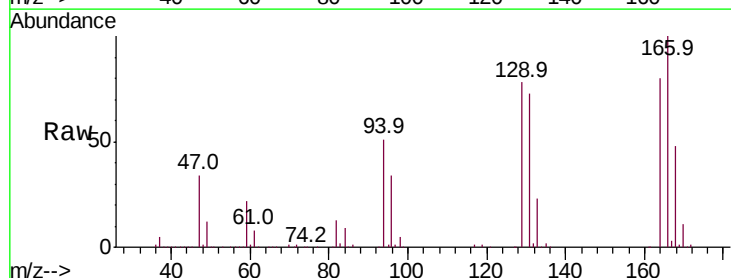


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

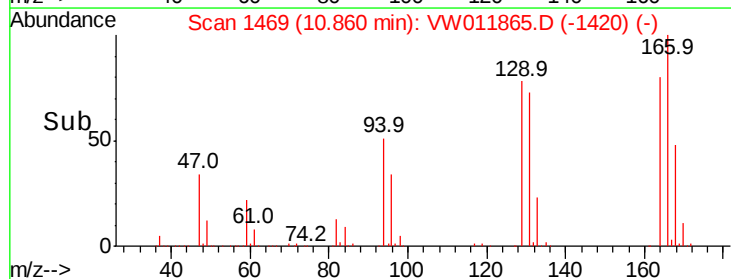
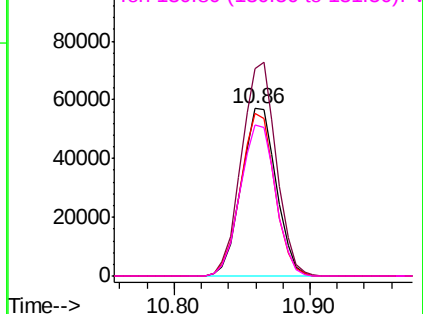


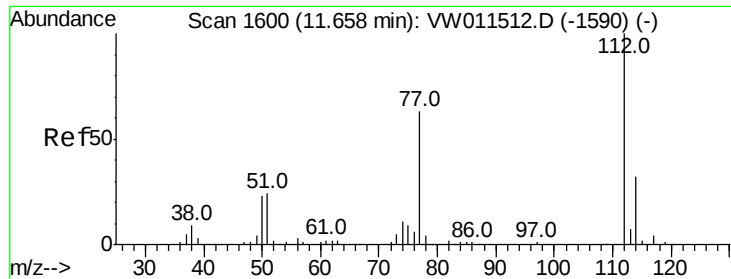
#64
Tetrachloroethene
Concen: 54.863 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion:164 Resp: 101985
Ion Ratio Lower Upper
164 100
166 124.3 103.5 155.3
129 97.0 75.2 112.8
131 90.3 73.4 110.2



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

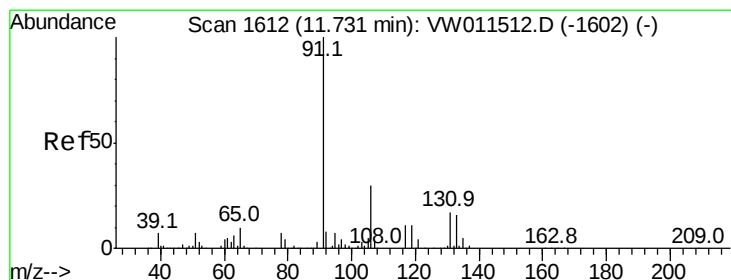
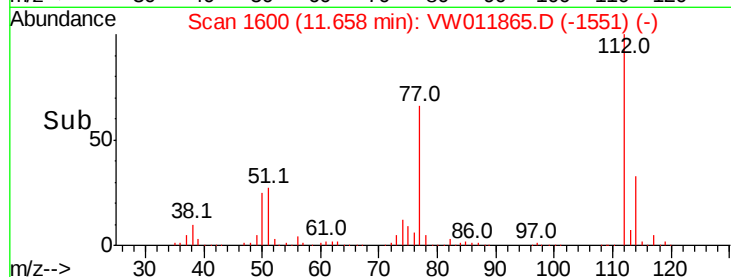
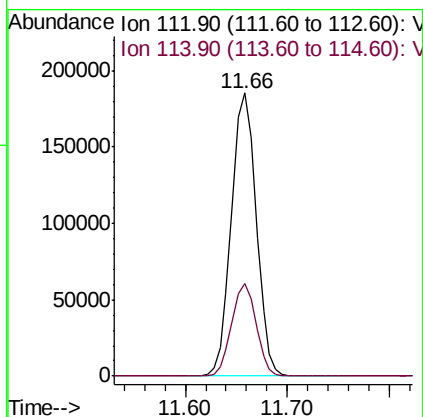
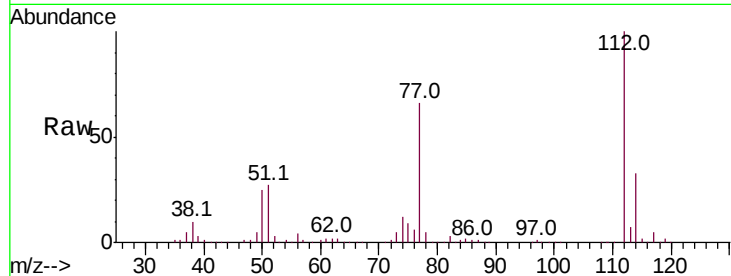




#65
Chlorobenzene
Concen: 54.429 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

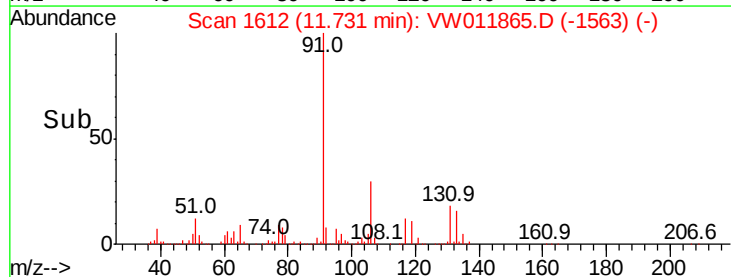
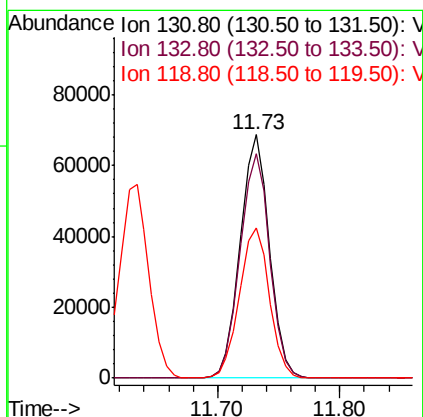
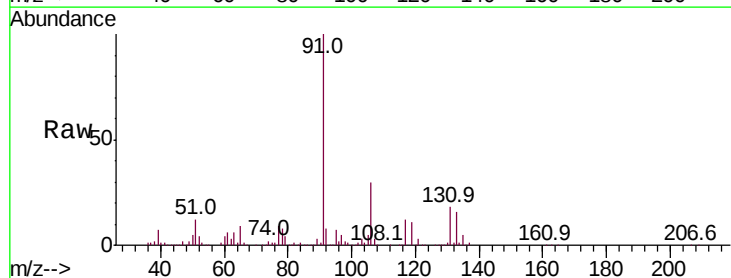
Instrument :
MSVOA_W
ClientSampleId :

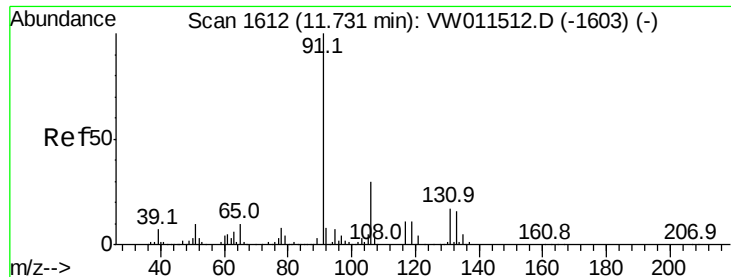
Tot Ion:112 Resp: 312416
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.718 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion:131 Resp: 113398
Ion Ratio Lower Upper
131 100
133 93.9 47.4 142.2
119 63.6 32.3 96.9

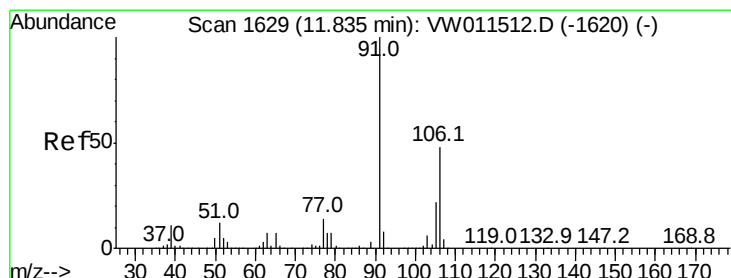
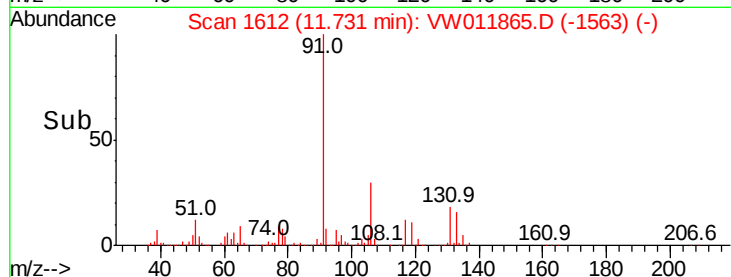
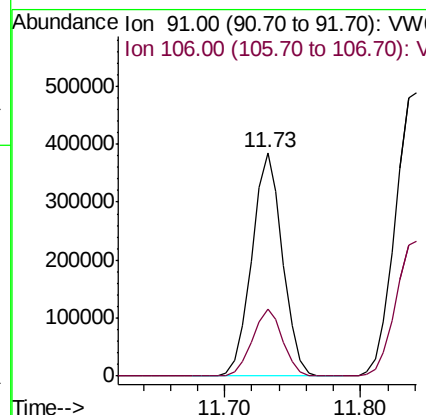
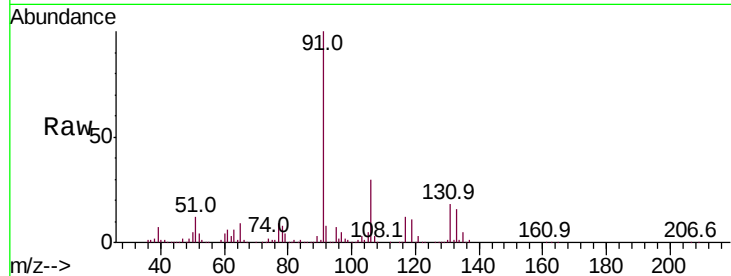




#67
Ethyl Benzene
Concen: 55.580 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

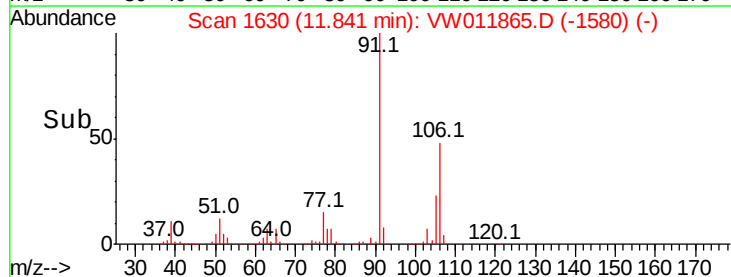
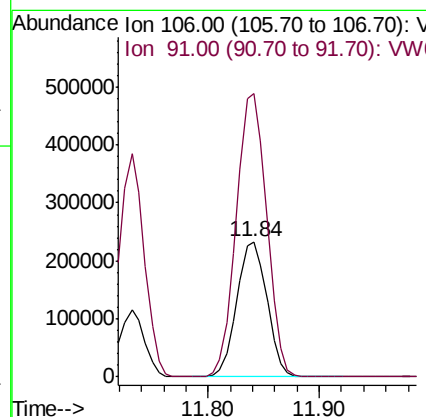
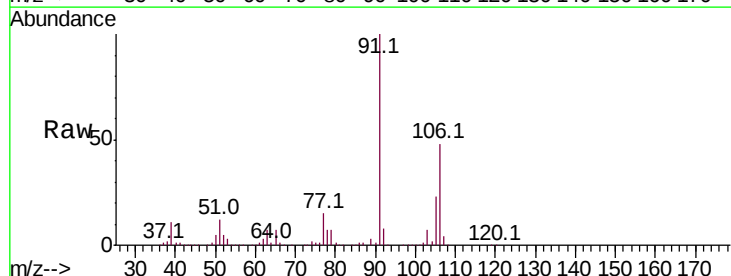
Instrument :
MSVOA_W
ClientSampleId :

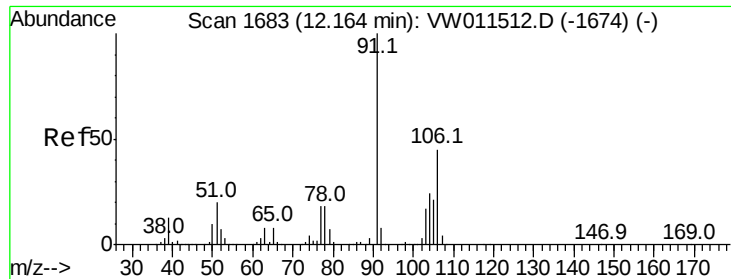
Tot Ion: 91 Resp: 607591
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 110.337 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 106 Resp: 438651
Ion Ratio Lower Upper
106 100
91 211.0 168.2 252.2

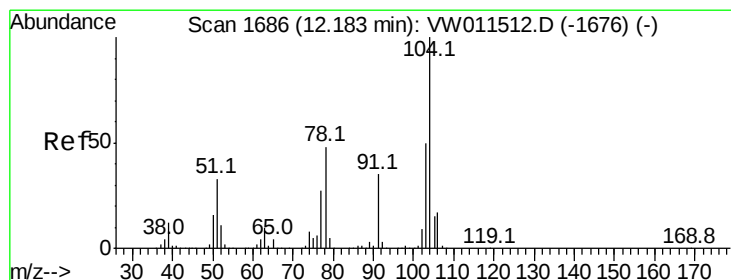
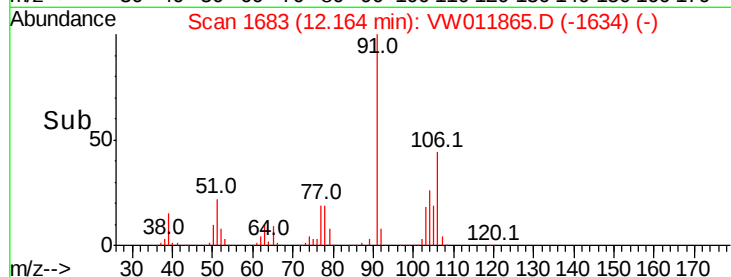
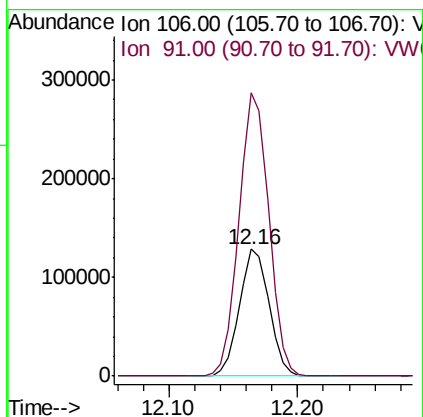
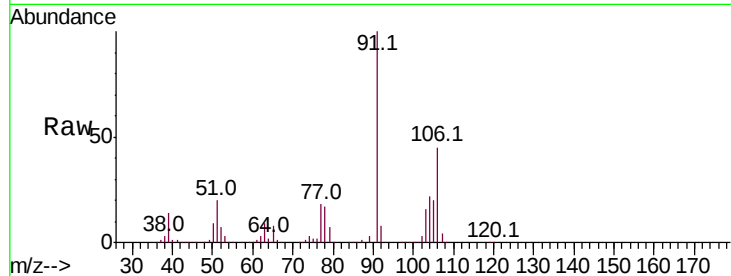




#69
o-Xylene
Concen: 55.552 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

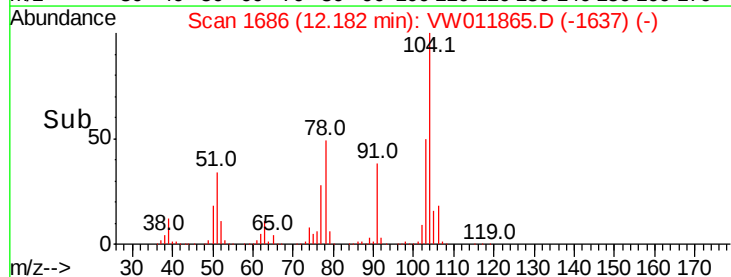
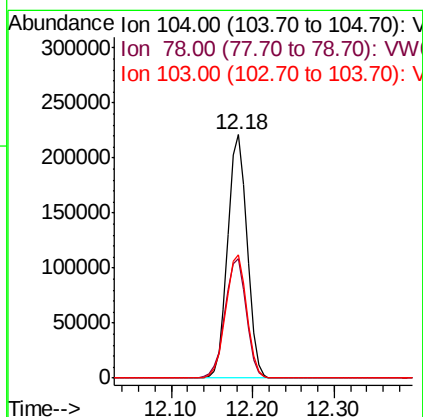
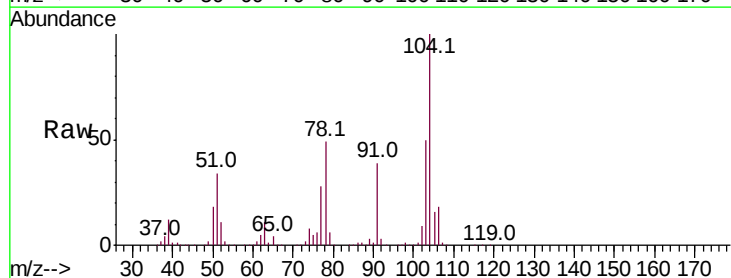
Instrument :
MSVOA_W
ClientSampleId :

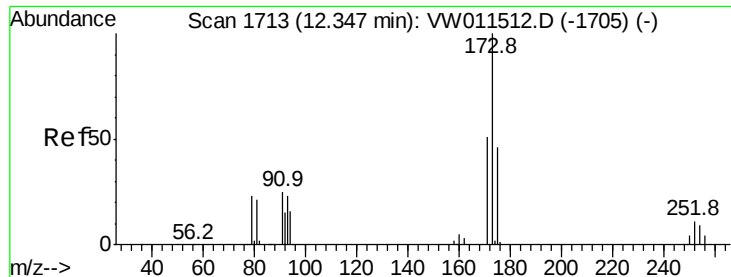
Tot Ion:106 Resp: 205226
Ion Ratio Lower Upper
106 100
91 224.7 110.5 331.5



#70
Styrene
Concen: 56.540 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion:104 Resp: 361151
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 56.440 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

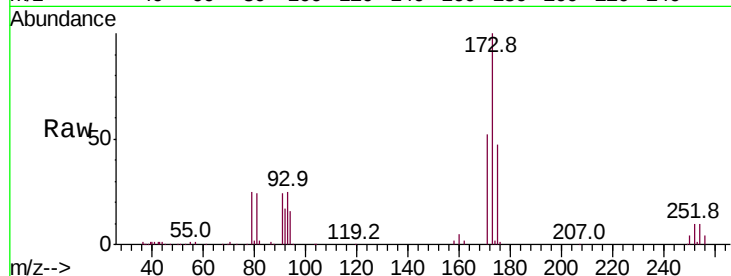
Tot Ion:173 Resp: 57534

Ion Ratio Lower Upper

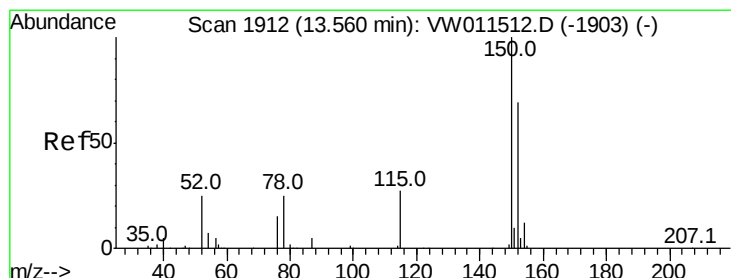
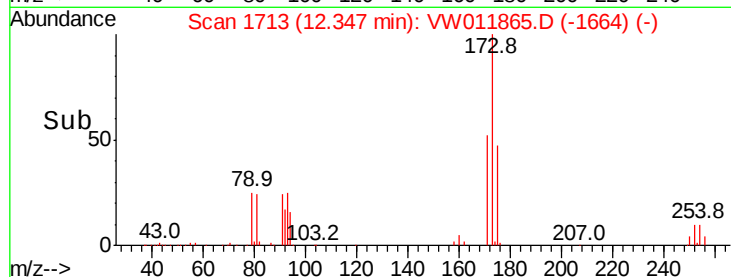
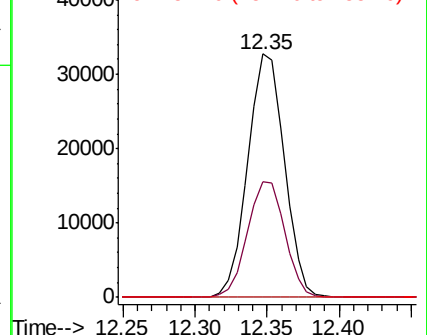
173 100

175 48.4 23.6 71.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

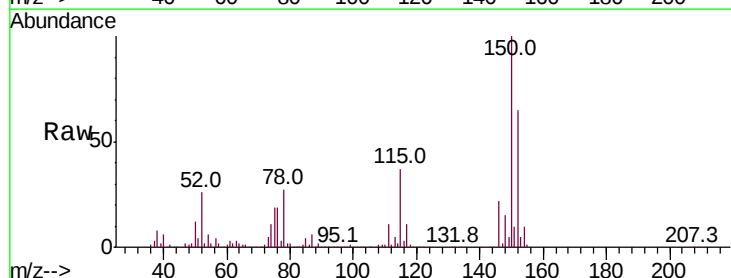
Tgt Ion:152 Resp: 136731

Ion Ratio Lower Upper

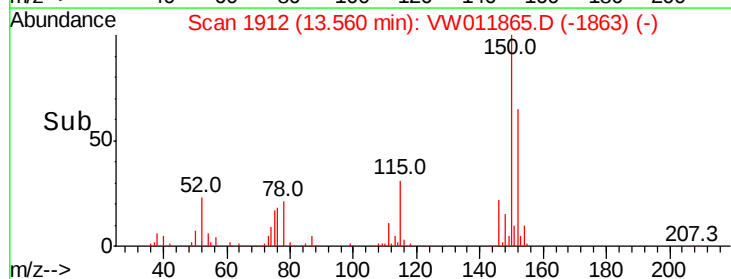
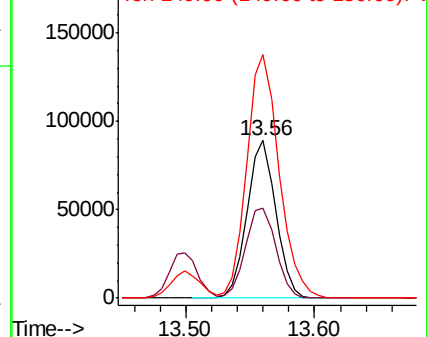
152 100

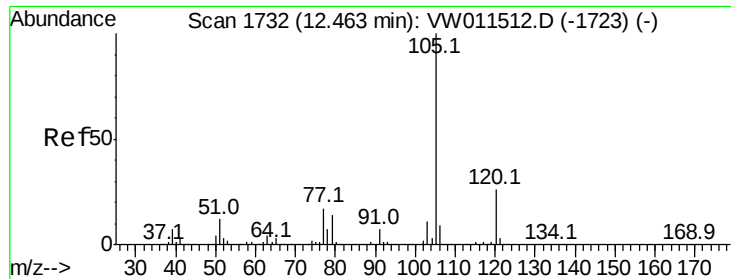
115 60.6 30.5 91.5

150 174.2 0.0 352.6



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





#73

Isopropylbenzene

Concen: 55.552 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

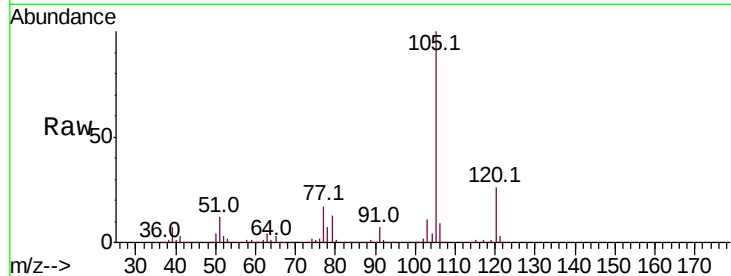
ClientSampleId :

Tot Ion:105 Resp: 566657

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

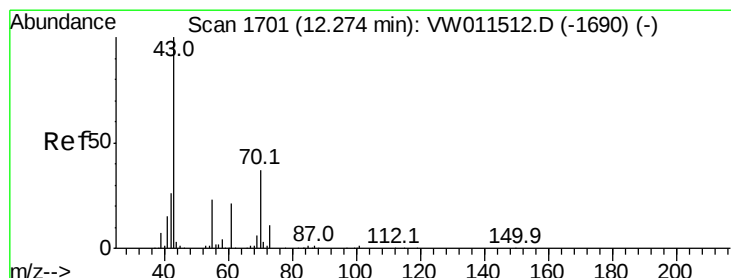
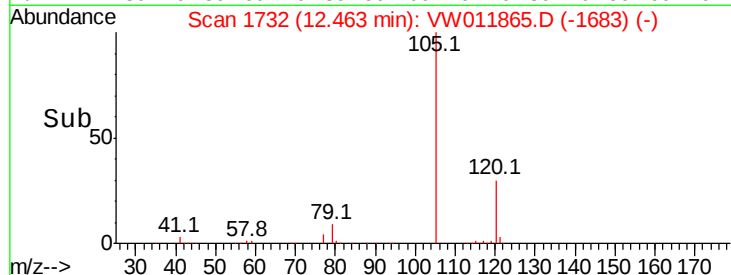
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 55.550 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion: 43 Resp: 177399

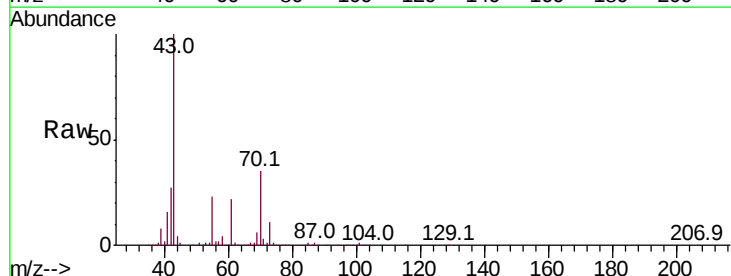
Ion Ratio Lower Upper

43 100

70 35.2 28.6 43.0

55 22.5 17.8 26.8

61 21.1 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

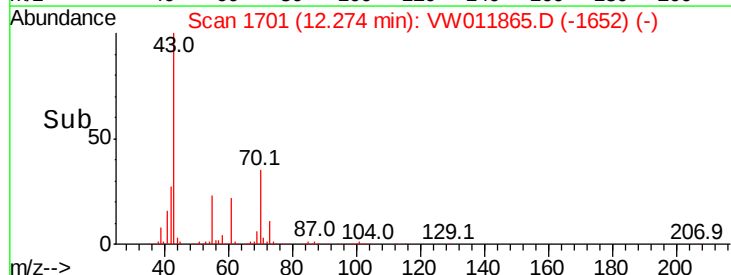
150000

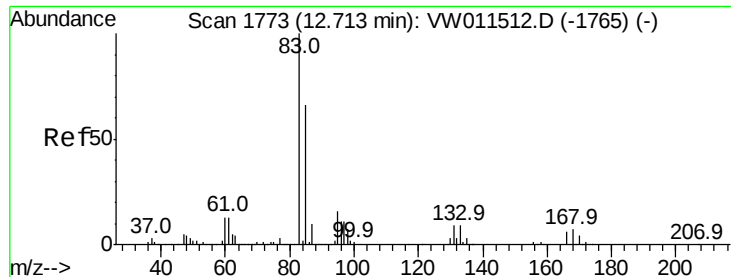
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.231 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

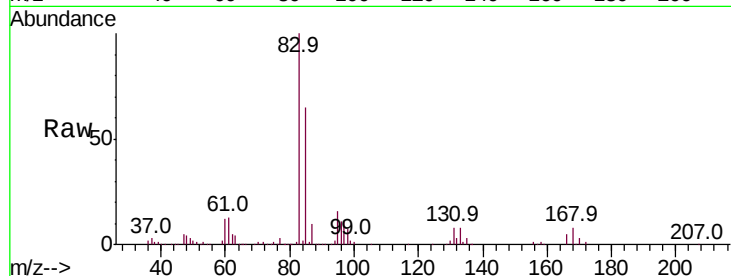
Tot Ion: 83 Resp: 105972

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.6
85	64.0	31.8	95.4

83 100

131 9.5 4.9 14.6

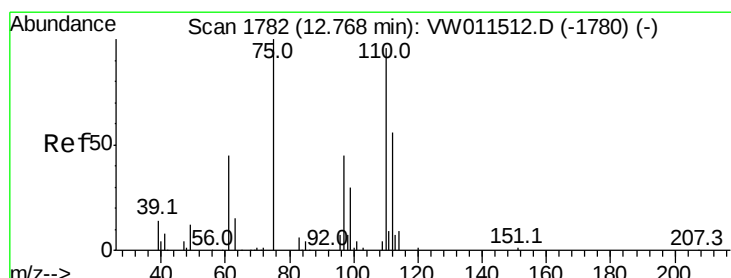
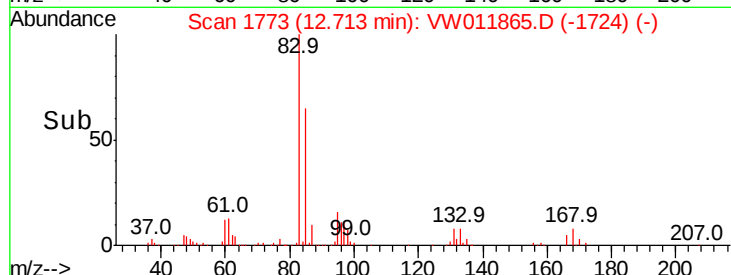
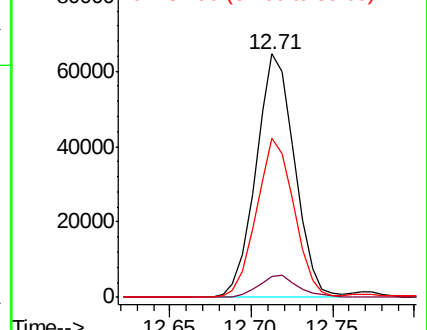
85 64.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 97.907 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011865.D

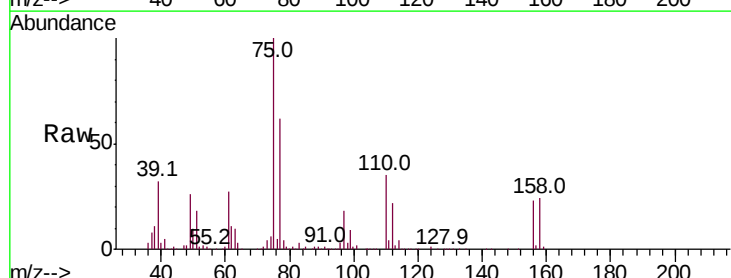
Acq: 12 Aug 2019 21:43

Tgt Ion: 75 Resp: 141649

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

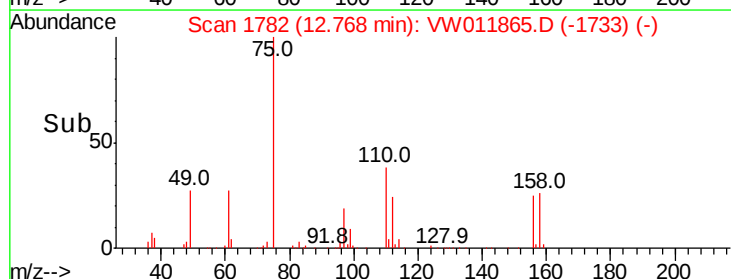
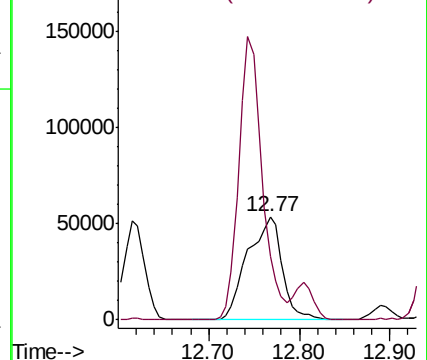
75 100

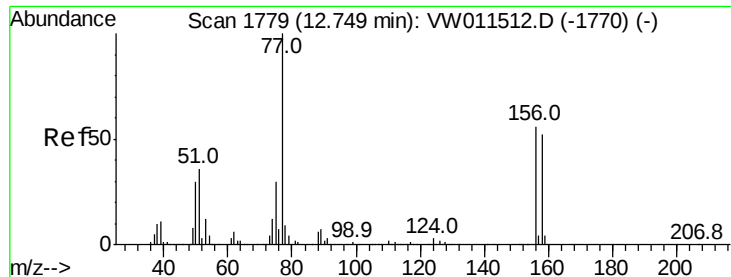
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 55.310 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

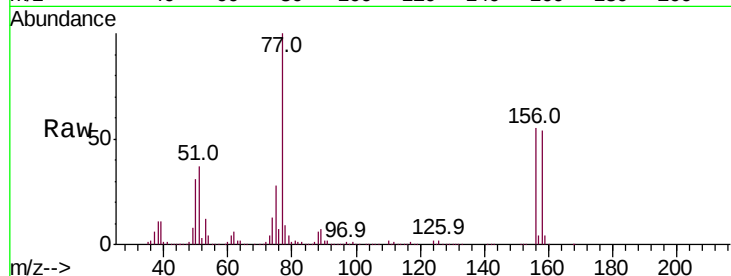
Tot Ion:156 Resp: 124703

Ion Ratio Lower Upper

156 100

77 213.6 106.5 319.4

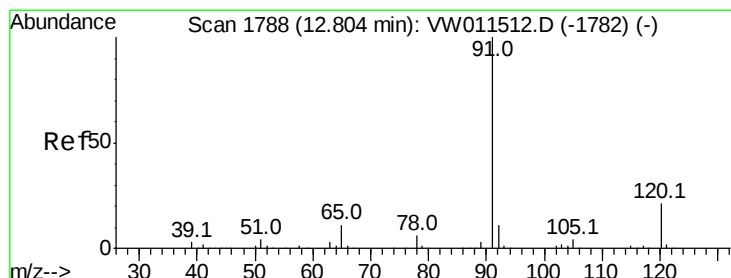
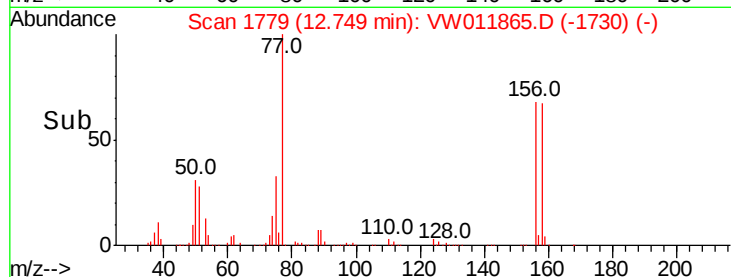
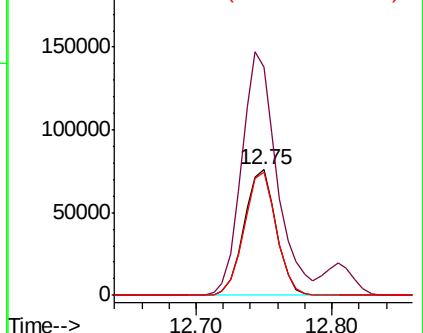
158 98.4 48.0 144.2



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: 56.447 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011865.D

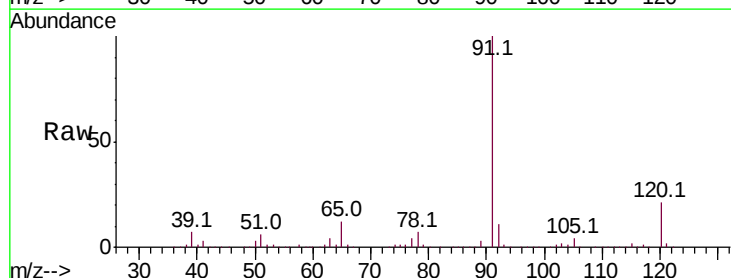
Acq: 12 Aug 2019 21:43

Tgt Ion: 91 Resp: 700736

Ion Ratio Lower Upper

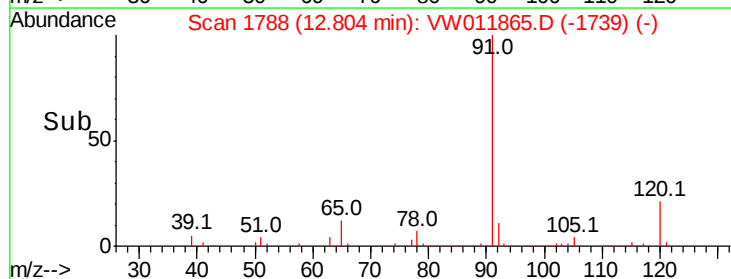
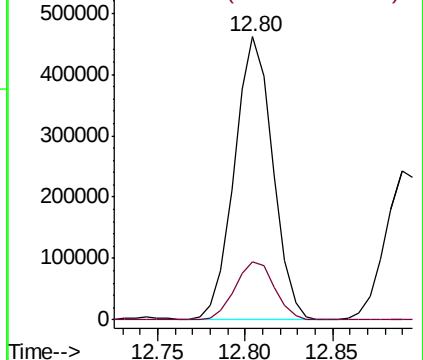
91 100

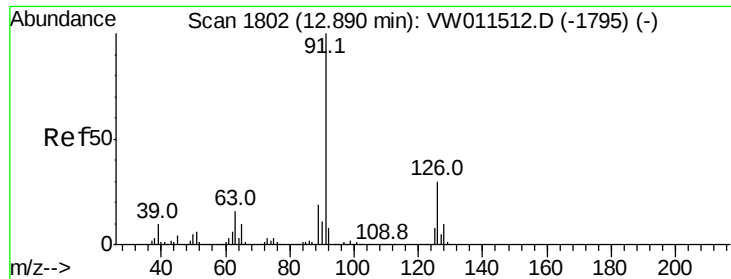
120 21.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.888 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

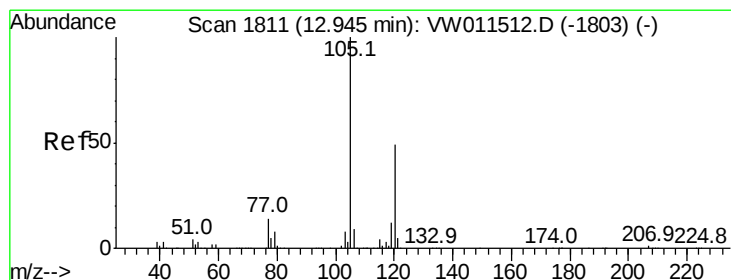
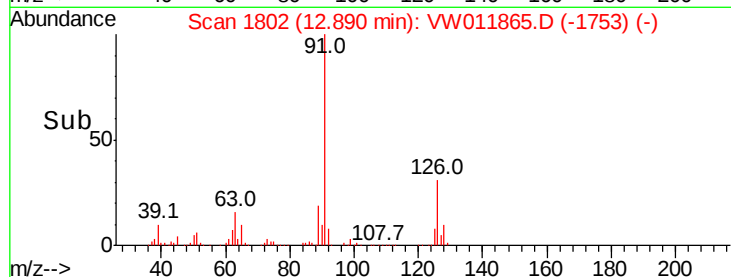
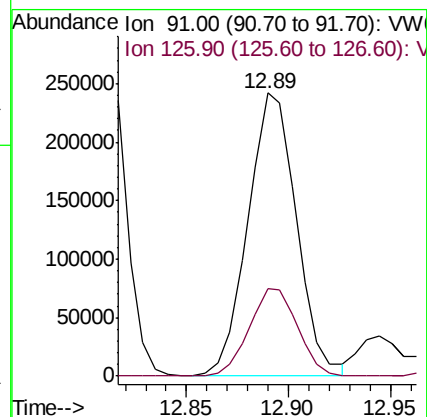
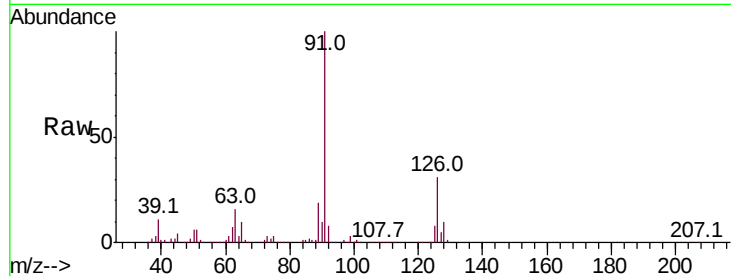
ClientSampleId :

Tot Ion: 91 Resp: 399695

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 56.497 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011865.D

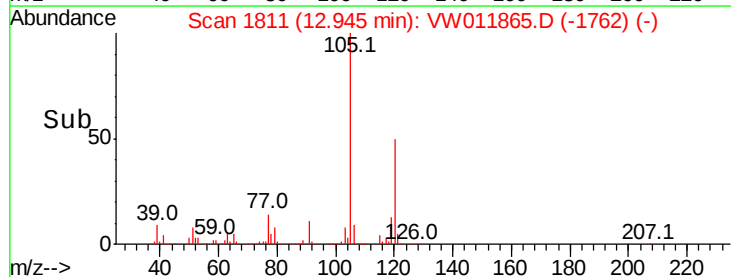
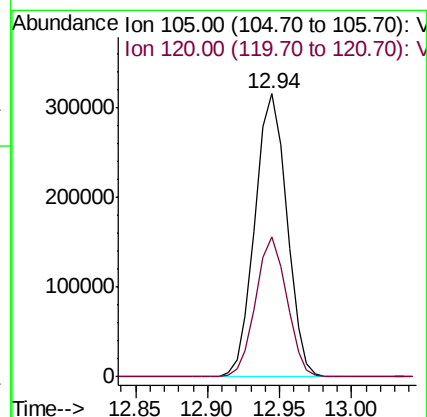
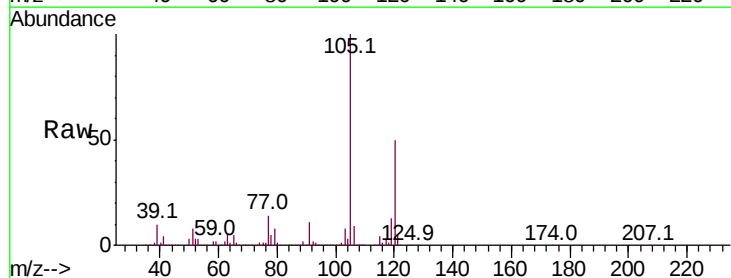
Acq: 12 Aug 2019 21:43

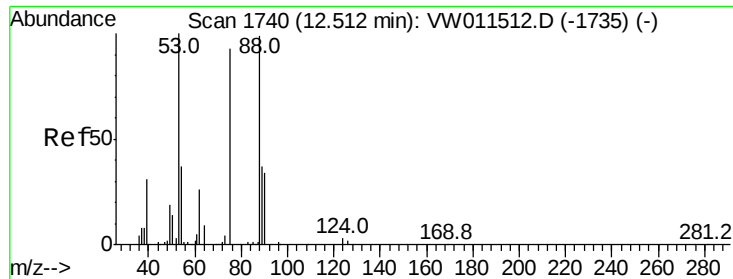
Tgt Ion:105 Resp: 483082

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 53.960 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

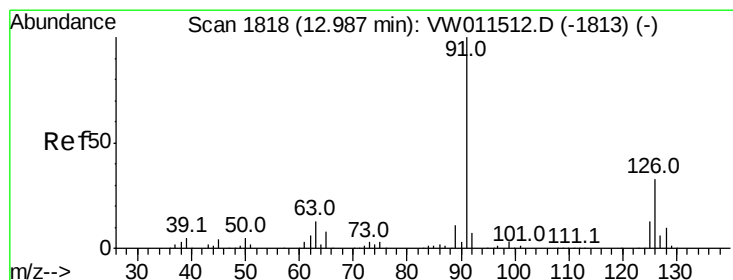
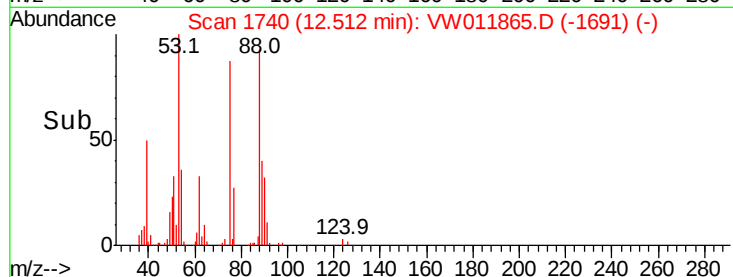
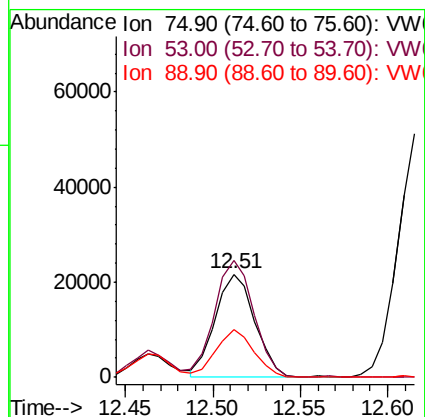
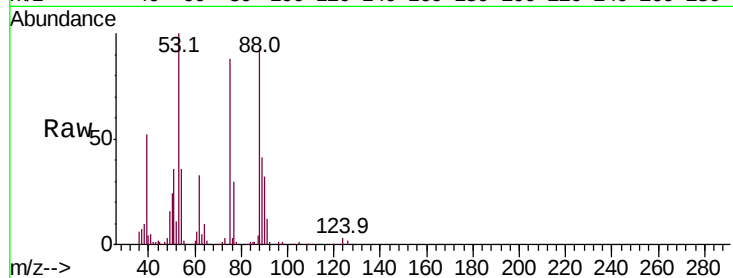
Tot Ion: 75 Resp: 33874

Ion Ratio Lower Upper

75 100

53 113.2 88.0 132.0

89 45.0 35.3 52.9



#82

4-Chlorotoluene

Concen: 54.590 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011865.D

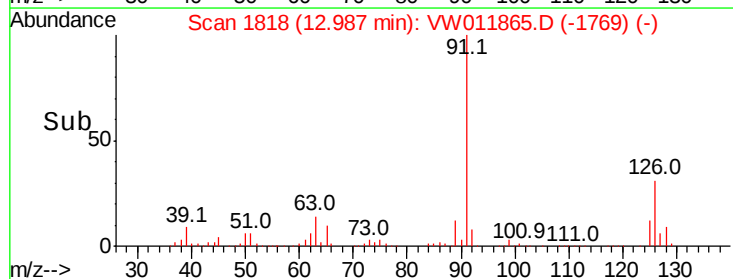
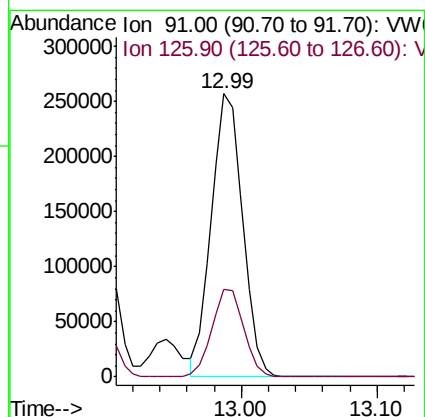
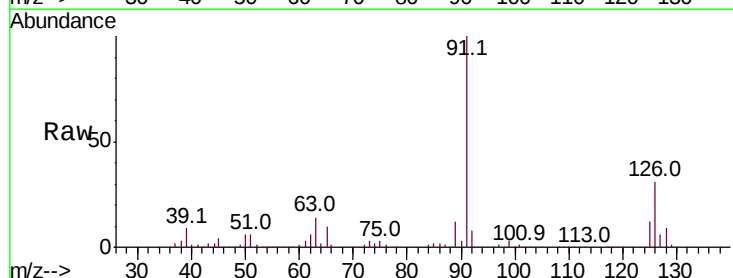
Acq: 12 Aug 2019 21:43

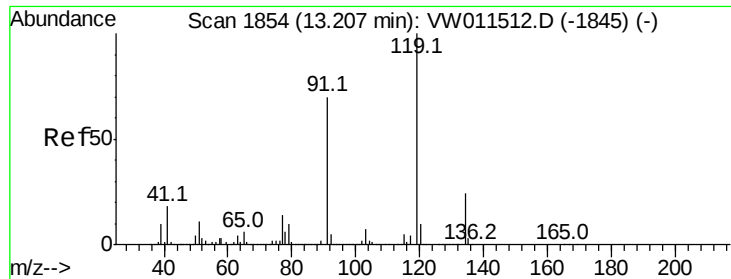
Tgt Ion: 91 Resp: 409626

Ion Ratio Lower Upper

91 100

126 31.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 57.014 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

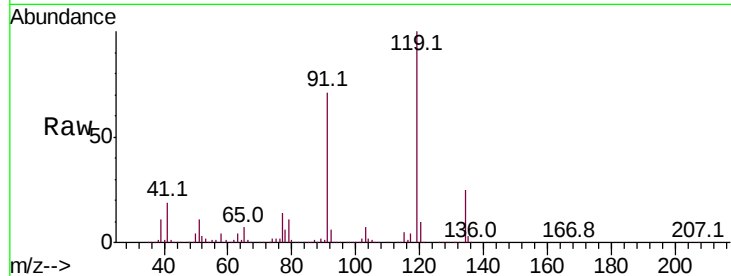
Tot Ion:119 Resp: 407667

Ion Ratio Lower Upper

119 100

91 69.3 34.5 103.6

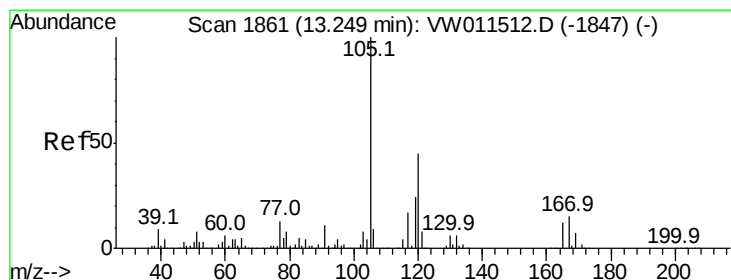
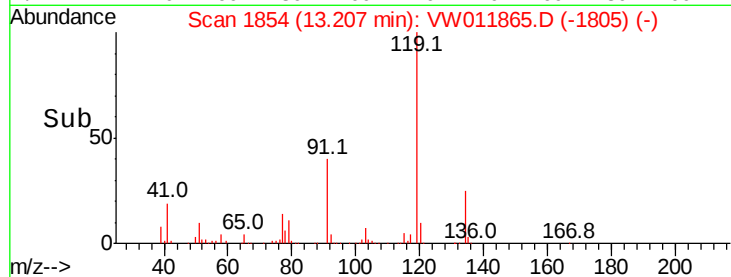
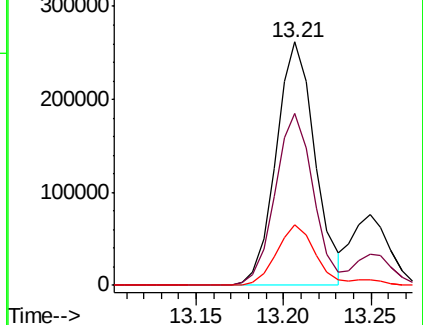
134 24.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.189 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW011865.D

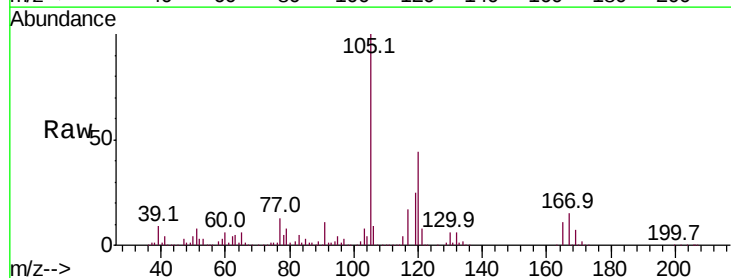
Acq: 12 Aug 2019 21:43

Tgt Ion:105 Resp: 483982

Ion Ratio Lower Upper

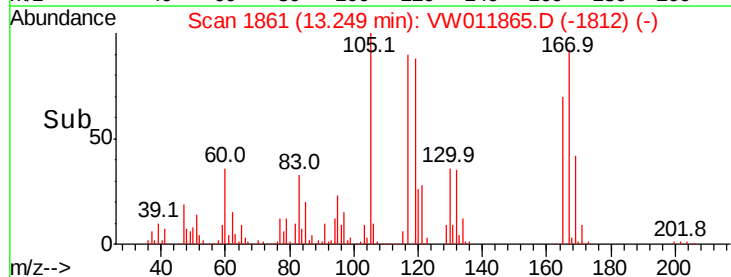
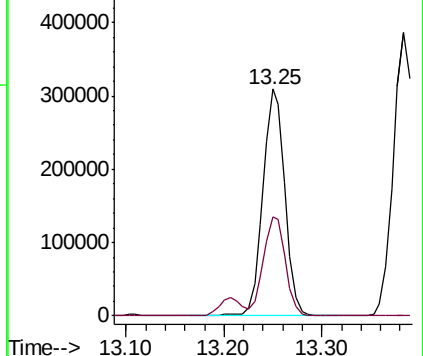
105 100

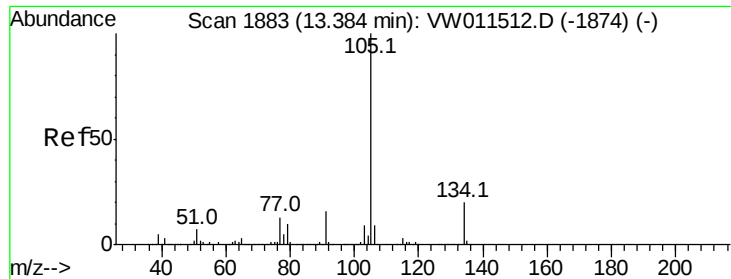
120 43.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.932 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

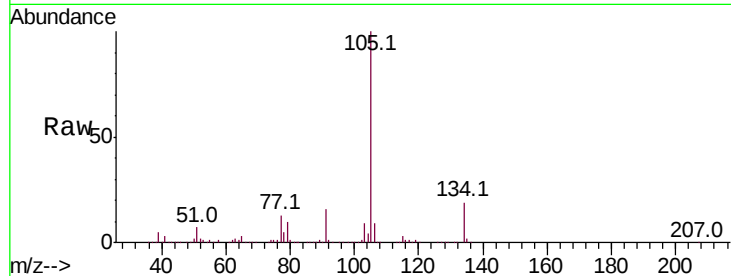
ClientSampleId :

Tot Ion:105 Resp: 580851

Ion Ratio Lower Upper

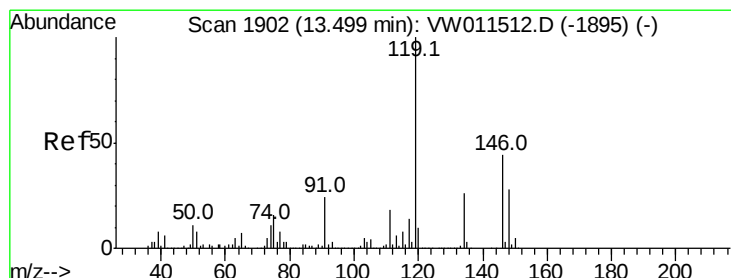
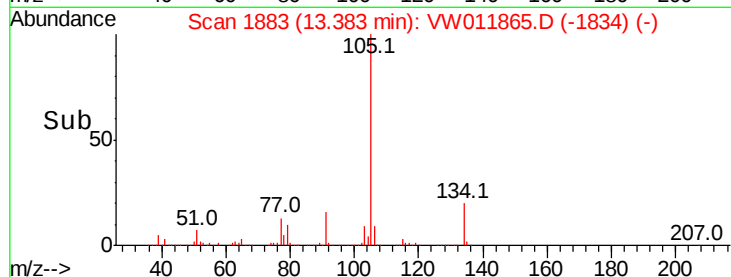
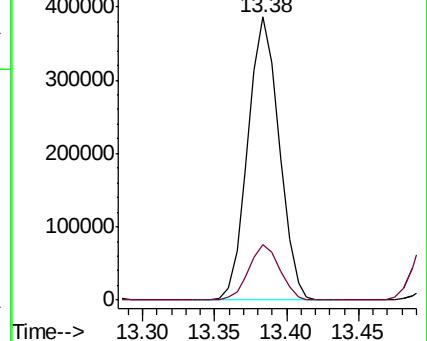
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.184 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

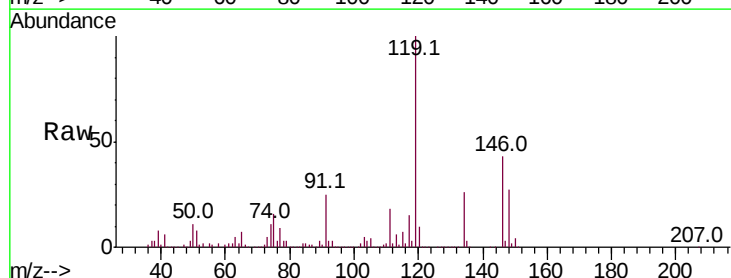
Tgt Ion:119 Resp: 520093

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

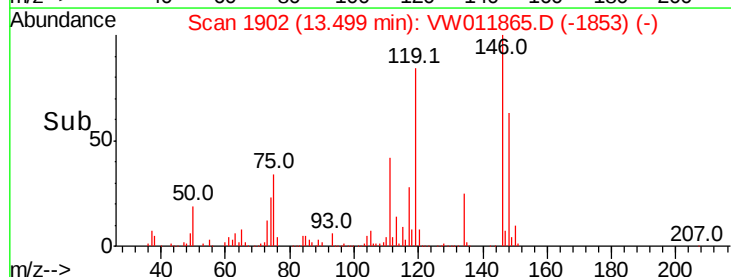
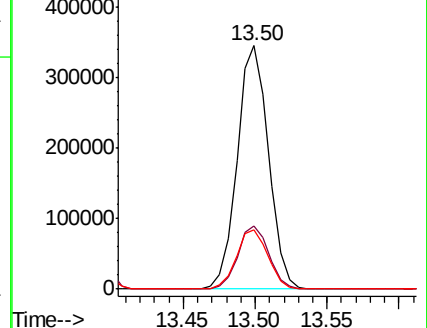
91 24.6 12.1 36.3

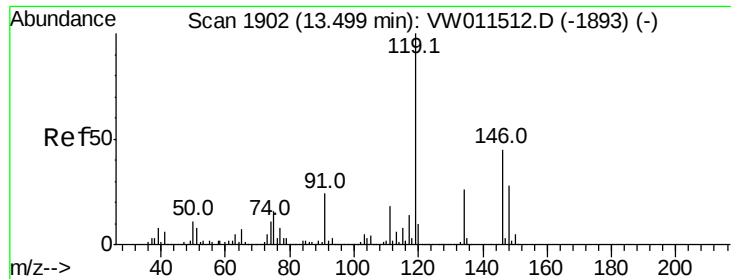


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

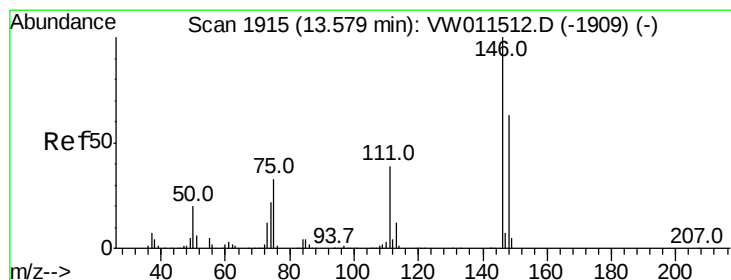
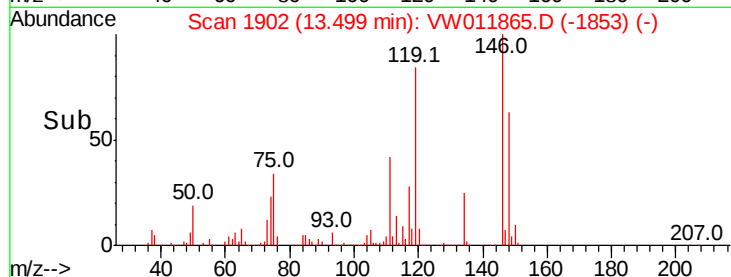
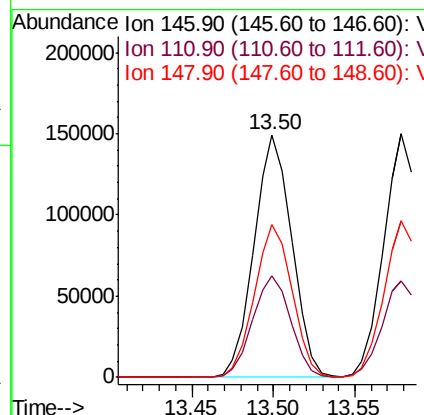
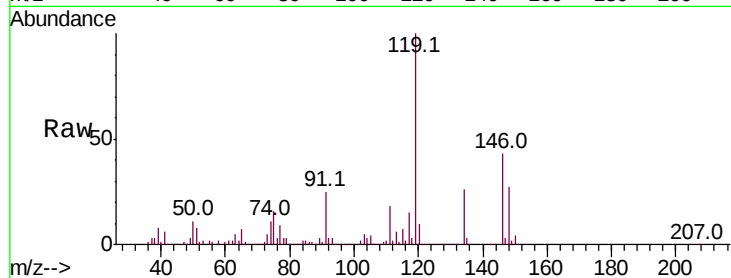




#87
 1,3-Dichlorobenzene
 Concen: 54.477 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

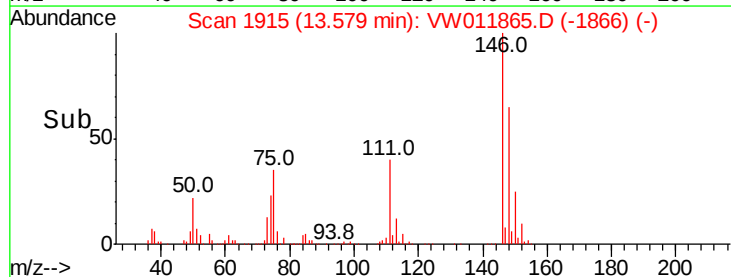
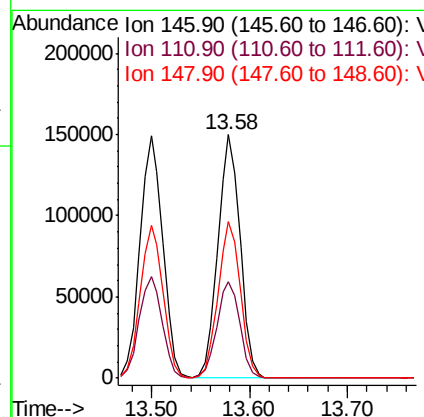
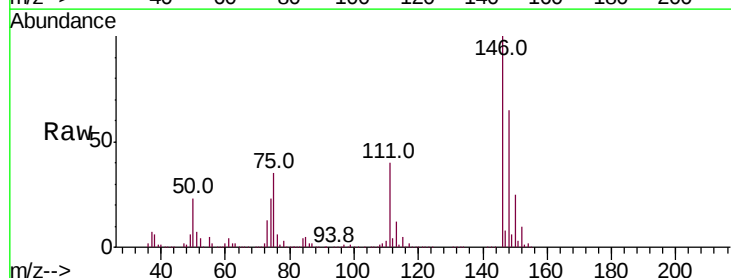
Instrument :
 MSVOA_W
 ClientSampleId :

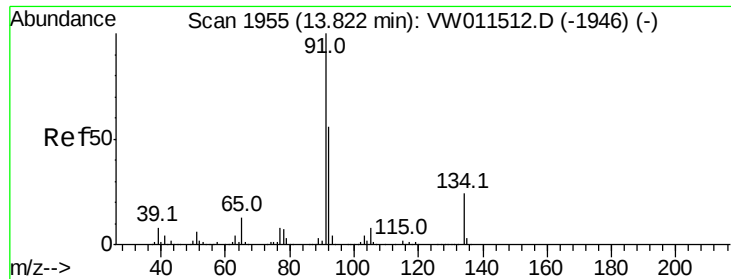
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.6
148	62.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.630 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.1	60.2
148	64.6	31.9	95.9

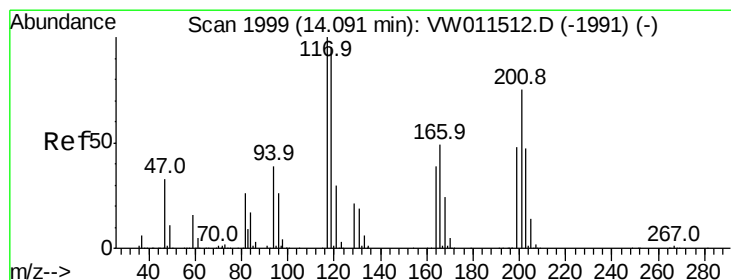
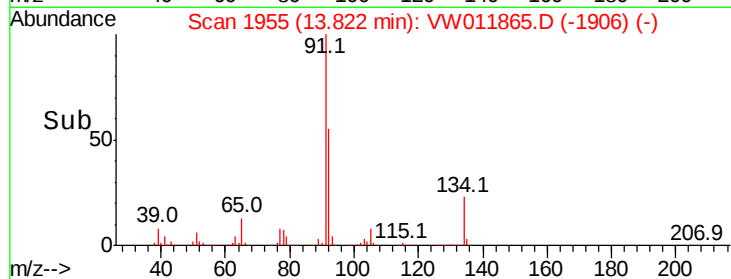
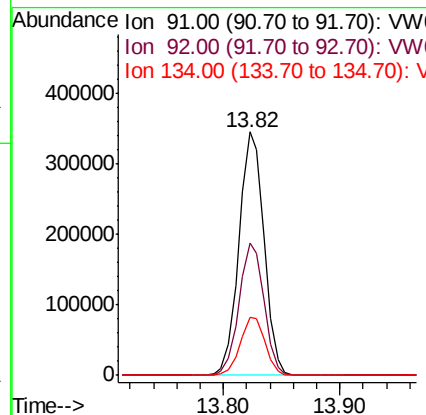
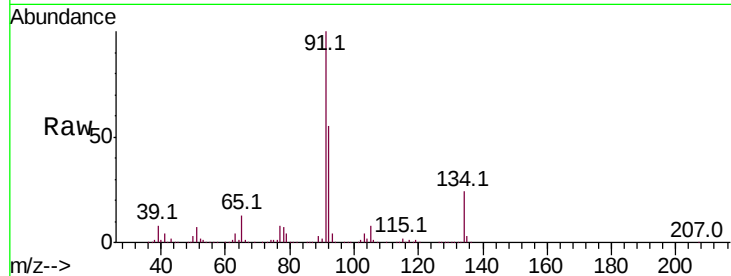




#89
n-Butylbenzene
Concen: 55.781 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

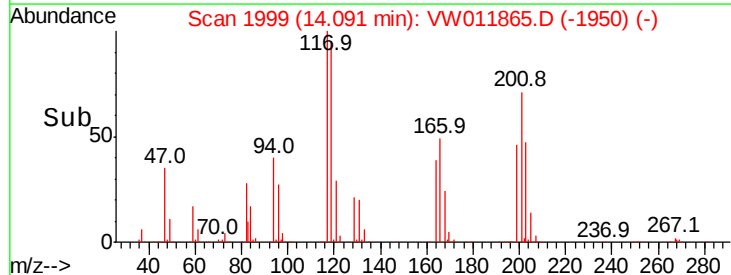
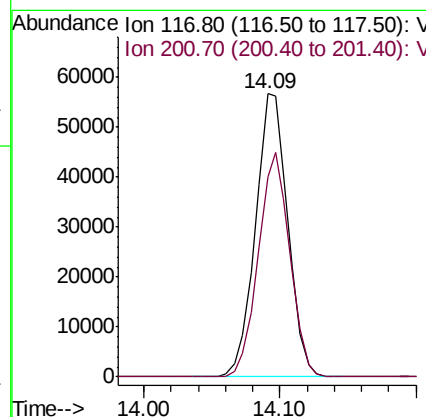
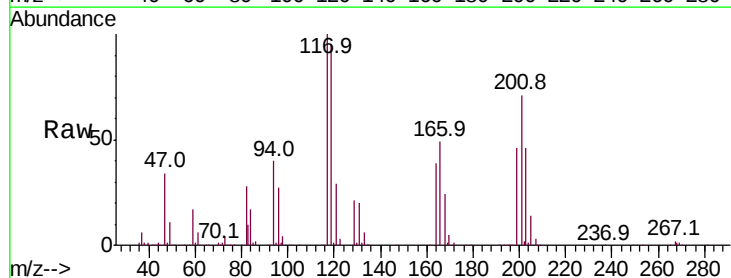
Instrument :
MSVOA_W
ClientSampleId :

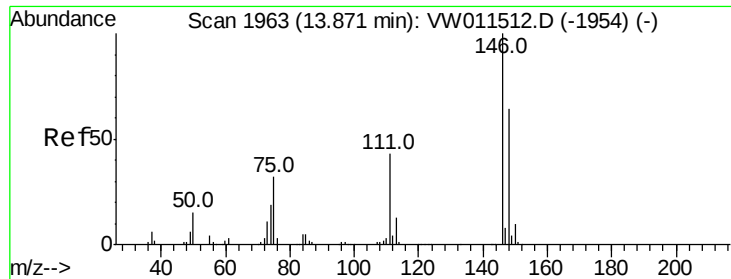
Tot Ion: 91 Resp: 515300
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 24.0 12.2 36.6



#90
Hexachloroethane
Concen: 57.746 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 117 Resp: 94525
Ion Ratio Lower Upper
117 100
201 77.2 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 54.940 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

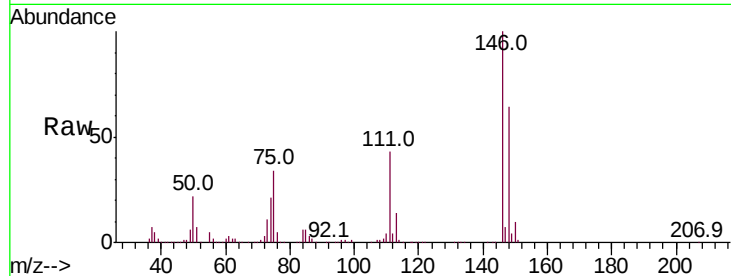
Tot Ion:146 Resp: 214816

Ion Ratio Lower Upper

146 100

111 43.0 21.6 65.0

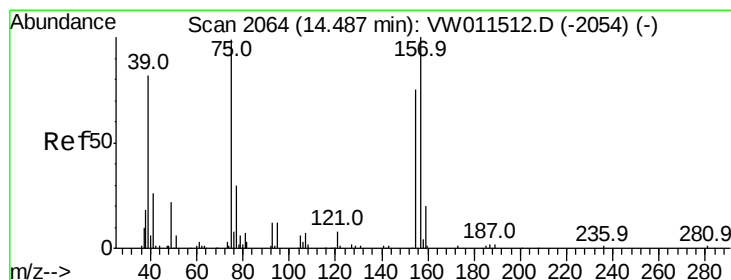
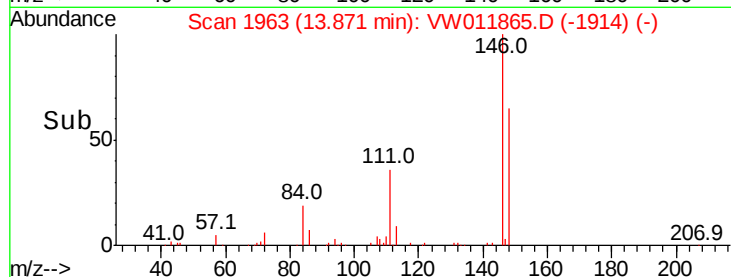
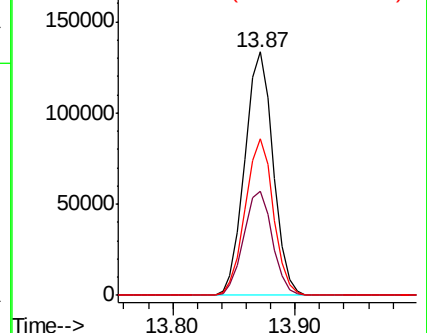
148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.731 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

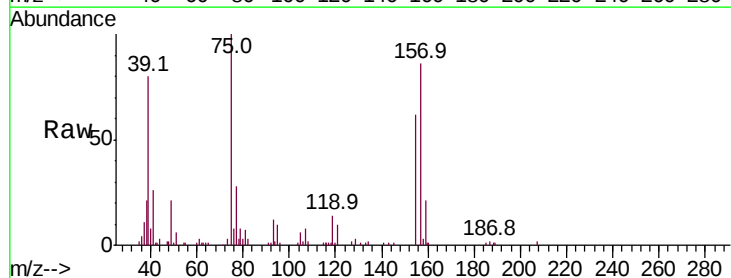
Tgt Ion: 75 Resp: 18889

Ion Ratio Lower Upper

75 100

155 69.3 38.2 114.6

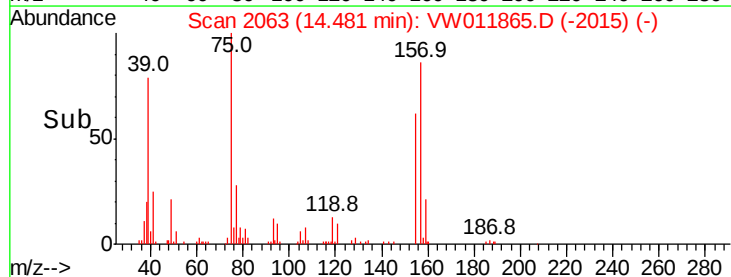
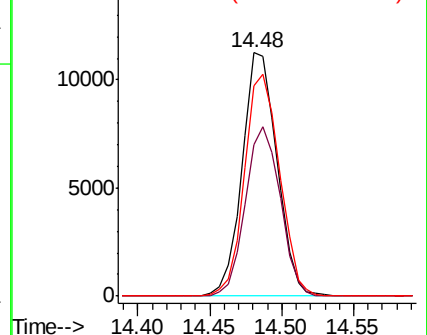
157 91.7 48.9 146.7

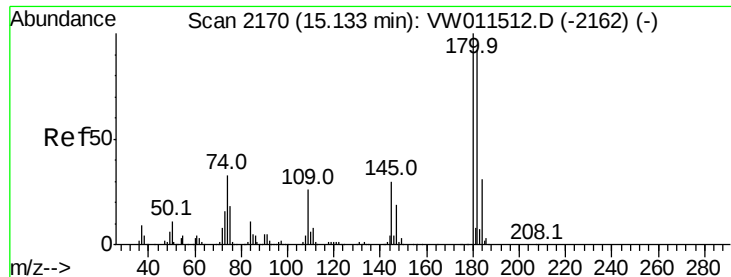


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

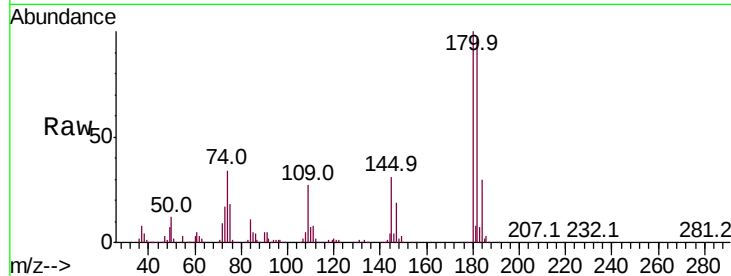




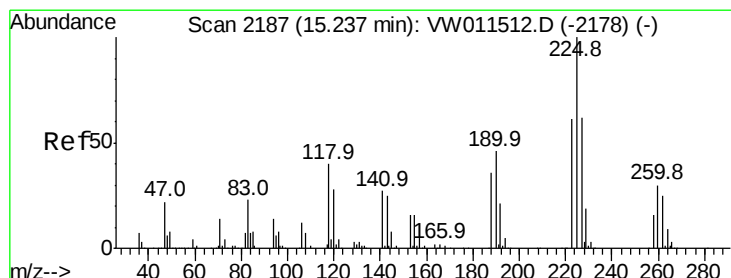
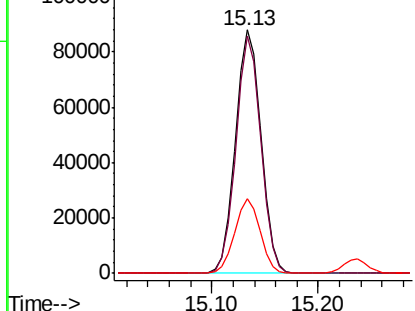
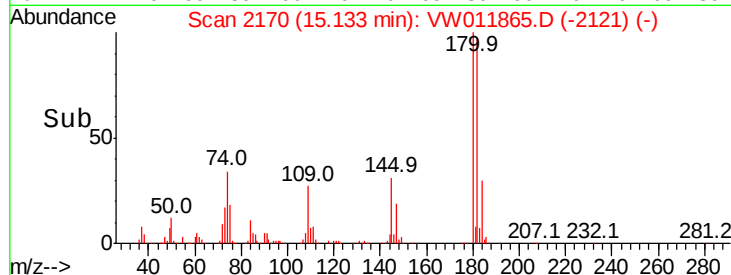
#93
 1,2,4-Trichlorobenzene
 Concen: 53.970 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	30.4	15.4	46.1

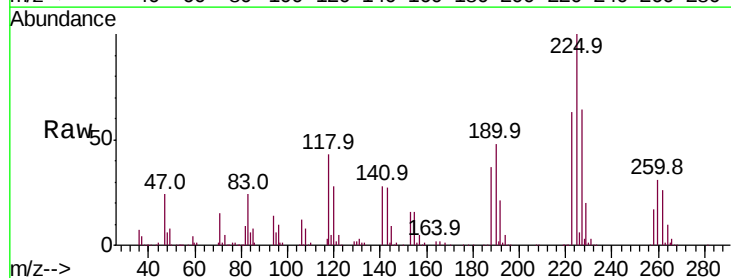


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

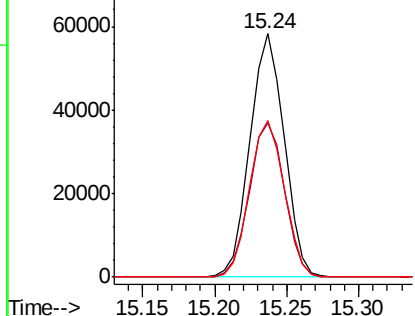
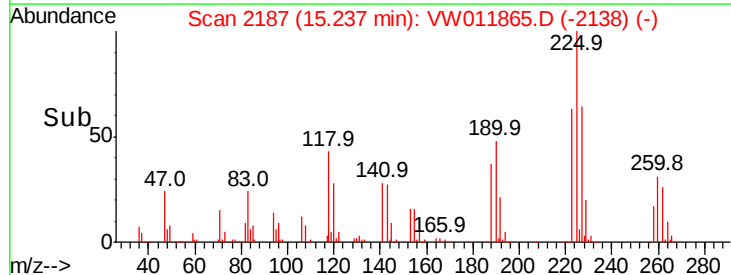


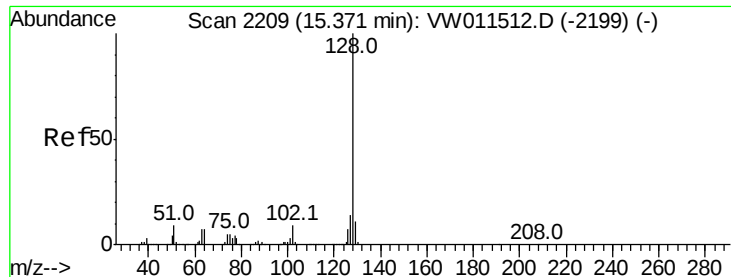
#94
 Hexachlorobutadiene
 Concen: 55.653 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.8	92.3
227	65.2	31.6	94.7



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

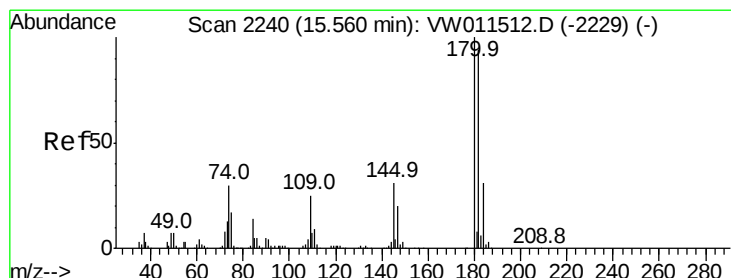
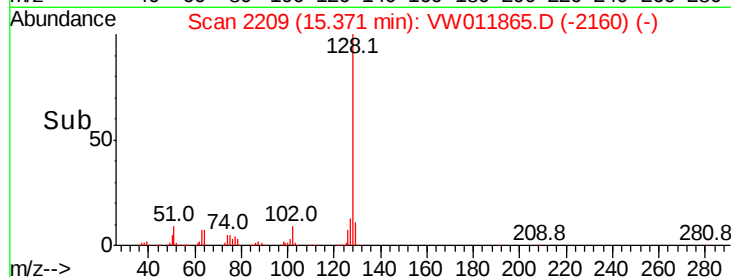
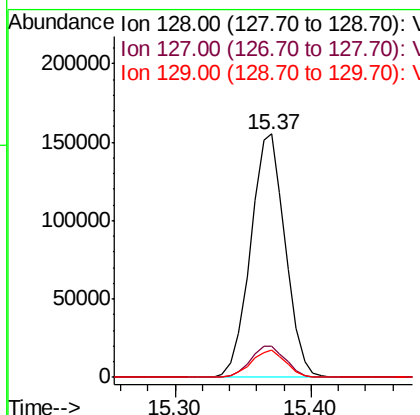
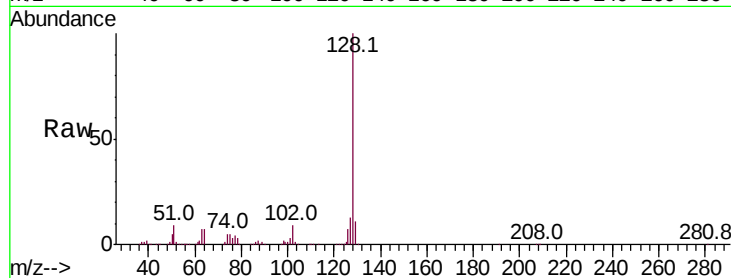




#95
Naphthalene
Concen: 51.147 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 276354
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.094 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion:180 Resp: 130664
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 33.0 15.9 47.7

