

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013484.D
 Acq On : 08 Oct 2019 13:14
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 06:01:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	211568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	138688	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	7.88	113	142551	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.32	98	604539	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.62	95	205586	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	63928	56.330	ug/l	97
3) Chloromethane	2.21	50	103268	51.767	ug/l	98
4) Vinyl Chloride	2.36	62	150853	51.267	ug/l	100
5) Bromomethane	2.78	94	92805	52.860	ug/l	97
6) Chloroethane	2.92	64	85281	51.608	ug/l	94
7) Trichlorofluoromethane	3.25	101	75888	54.509	ug/l	98
8) Diethyl Ether	3.68	74	75817	52.615	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146140	50.932	ug/l	99
10) Methyl Iodide	4.27	142	234934	51.707	ug/l	99
11) Tert butyl alcohol	5.18	59	50017	268.312	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	153486	51.616	ug/l	97
13) Acrolein	3.90	56	57751	243.736	ug/l	98
14) Allyl chloride	4.66	41	238921	52.284	ug/l	99
15) Acrylonitrile	5.36	53	168328	249.933	ug/l	99
16) Acetone	4.13	43	166768	270.733	ug/l	98
17) Carbon Disulfide	4.38	76	429295	51.433	ug/l	100
18) Methyl Acetate	4.67	43	79508	45.060	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	232371	51.678	ug/l	98
20) Methylene Chloride	4.91	84	156735	52.817	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	162219	51.339	ug/l	96
22) Diisopropyl ether	6.31	45	450213	52.583	ug/l	99
23) Vinyl Acetate	6.25	43	1365220	265.591	ug/l	97
24) 1,1-Dichloroethane	6.21	63	271093	51.803	ug/l	100
25) 2-Butanone	7.17	43	219504	241.795	ug/l	96
26) 2,2-Dichloropropane	7.16	77	167684	49.705	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	175406	52.463	ug/l	99
28) Bromochloromethane	7.51	49	103471	51.019	ug/l #	99
29) Tetrahydrofuran	7.53	42	136352	245.752	ug/l	99
30) Chloroform	7.67	83	262684	51.894	ug/l	95
31) Cyclohexane	7.95	56	276022	49.833	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	213687	51.932	ug/l	100
36) 1,1-Dichloropropene	8.08	75	225506	51.740	ug/l	100
37) Ethyl Acetate	7.25	43	95411	48.248	ug/l	99
38) Carbon Tetrachloride	8.07	117	201049	52.035	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013484.D
 Acq On : 08 Oct 2019 13:14
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 06:01:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	293641	52.002	ug/l	99
40) Benzene	8.32	78	633788	52.093	ug/l	100
41) Methacrylonitrile	7.48	41	57959	51.542	ug/l	97
42) 1,2-Dichloroethane	8.40	62	160537	52.204	ug/l	99
43) Isopropyl Acetate	8.42	43	180690	50.576	ug/l	99
44) Trichloroethene	9.09	130	182262	52.513	ug/l	99
45) 1,2-Dichloropropane	9.37	63	153908	52.705	ug/l	98
46) Dibromomethane	9.46	93	74632	51.302	ug/l	99
47) Bromodichloromethane	9.64	83	194565	53.802	ug/l	98
48) Methyl methacrylate	9.43	41	85953	48.842	ug/l	96
49) 1,4-Dioxane	9.46	88	24332	952.548	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	463835	246.947	ug/l	99
52) Toluene	10.38	92	410942	52.436	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	201872	53.722	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	246382	54.120	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115490	52.889	ug/l	94
56) Ethyl methacrylate	10.65	69	154243	52.446	ug/l	99
57) 1,3-Dichloropropane	10.93	76	196047	52.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	352536	254.082	ug/l	99
59) 2-Hexanone	10.97	43	327742	254.463	ug/l	100
60) Dibromochloromethane	11.13	129	135363	53.905	ug/l	96
61) 1,2-Dibromoethane	11.23	107	108486	52.234	ug/l	99
64) Tetrachloroethene	10.86	164	157431	51.625	ug/l	97
65) Chlorobenzene	11.66	112	427729	51.953	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	150367	52.578	ug/l	99
67) Ethyl Benzene	11.73	91	779926	51.829	ug/l	99
68) m/p-Xylenes	11.84	106	599823	104.763	ug/l	99
69) o-Xylene	12.16	106	277144	52.392	ug/l	99
70) Styrene	12.18	104	485268	53.428	ug/l	100
71) Bromoform	12.35	173	82160	52.362	ug/l #	100
73) Isopropylbenzene	12.46	105	774566	51.111	ug/l	100
74) N-amyl acetate	12.27	43	169835	51.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	126932	49.140	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	164650	93.442	ug/l #	100
77) Bromobenzene	12.74	156	184092	51.248	ug/l	98
78) n-propylbenzene	12.80	91	911043	51.987	ug/l	100
79) 2-Chlorotoluene	12.89	91	502744	51.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	649957	51.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42816	49.671	ug/l	97
82) 4-Chlorotoluene	12.99	91	528721	51.884	ug/l	100
83) tert-Butylbenzene	13.21	119	582774	52.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	642443	51.587	ug/l	100
85) sec-Butylbenzene	13.38	105	794018	51.389	ug/l	100
86) p-Isopropyltoluene	13.50	119	742230	52.283	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	353060	51.835	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	348533	52.234	ug/l	100
89) n-Butylbenzene	13.82	91	679332	52.973	ug/l	99
90) Hexachloroethane	14.09	117	128525	52.912	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	311881	51.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20032	48.645	ug/l	96

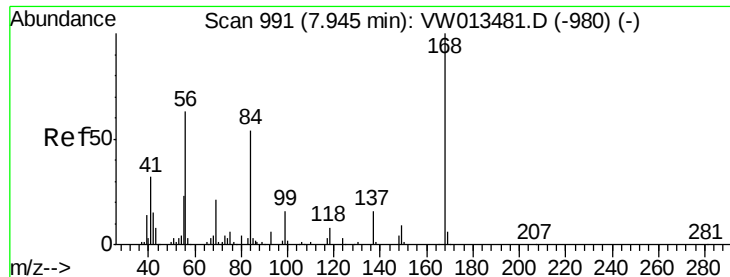
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
Data File : VW013484.D
Acq On : 08 Oct 2019 13:14
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 09 06:01:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	233245	54.879	ug/l	99
94) Hexachlorobutadiene	15.24	225	152002	53.817	ug/l	98
95) Naphthalene	15.36	128	402489	54.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	202379	54.454	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

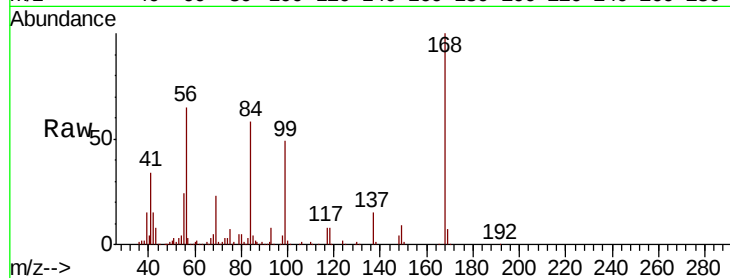
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 342615

Ion Ratio Lower Upper

168 100

99 48.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

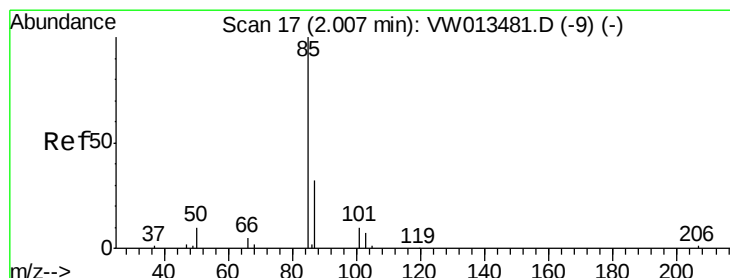
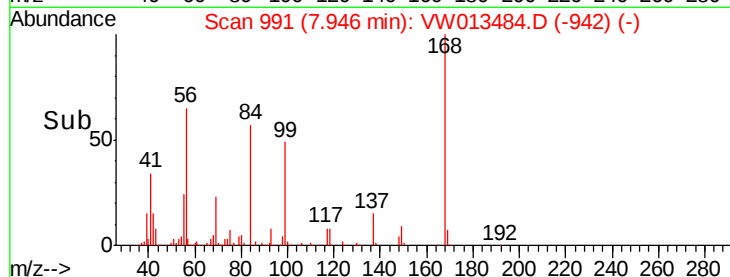
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 56.330 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013484.D

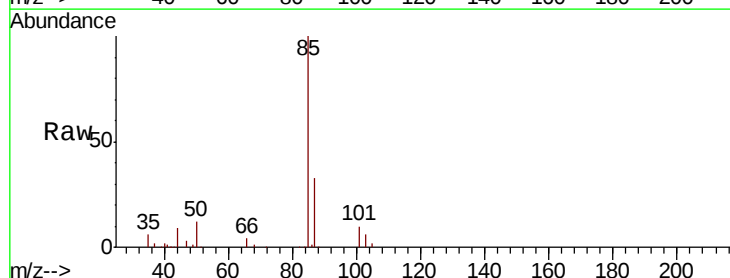
Acq: 08 Oct 2019 13:14

Tgt Ion: 85 Resp: 63928

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

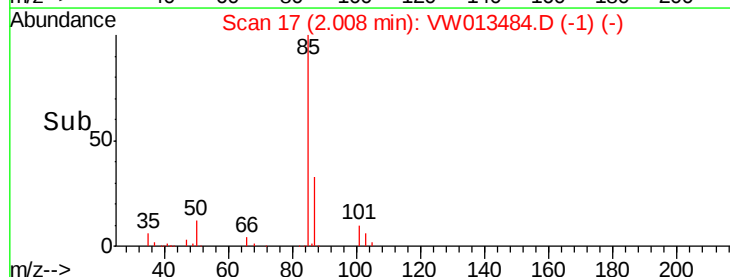
15000

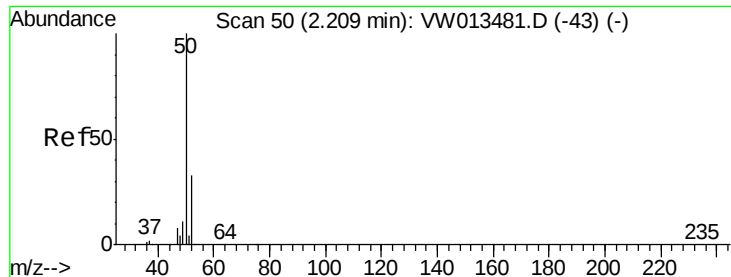
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 51.767 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

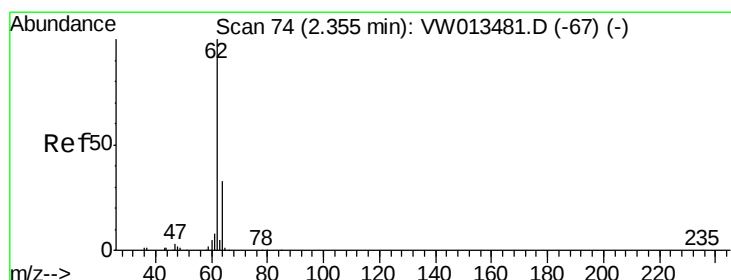
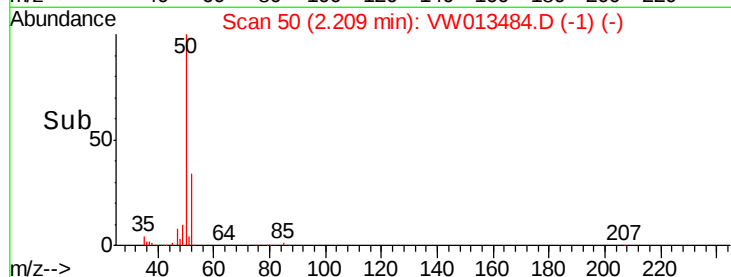
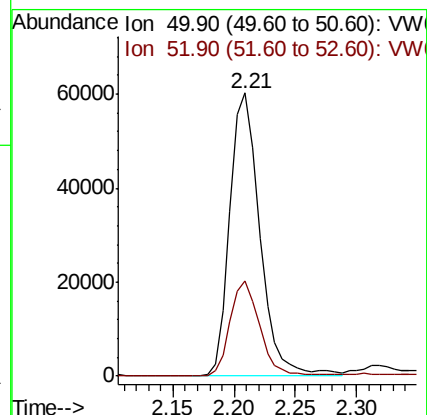
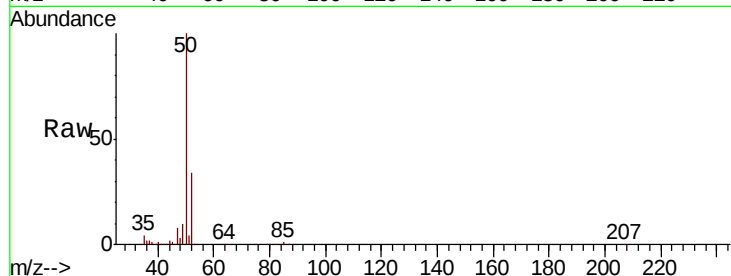
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 103268

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 51.267 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013484.D

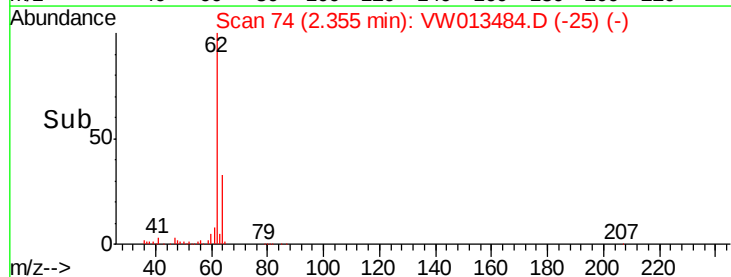
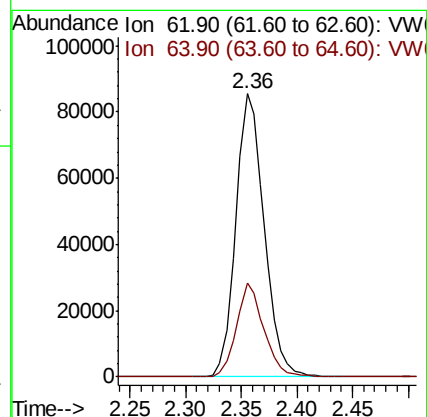
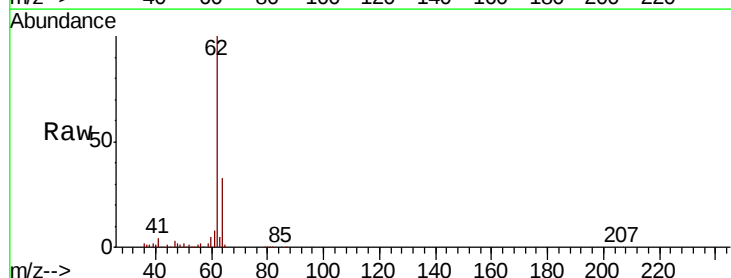
Acq: 08 Oct 2019 13:14

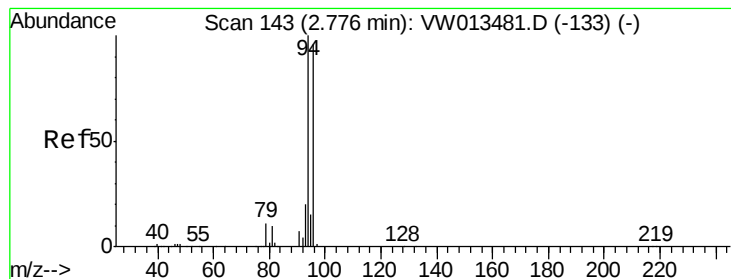
Tgt Ion: 62 Resp: 150853

Ion Ratio Lower Upper

62 100

64 33.3 26.6 39.8





#5

Bromomethane

Concen: 52.860 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

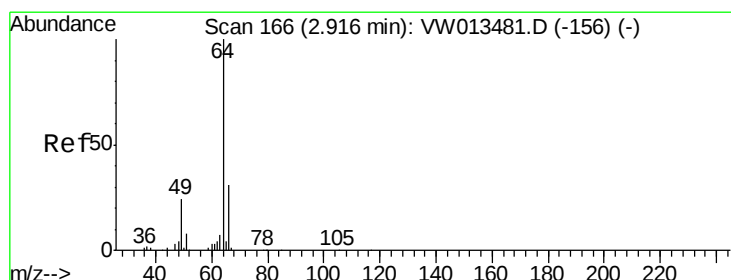
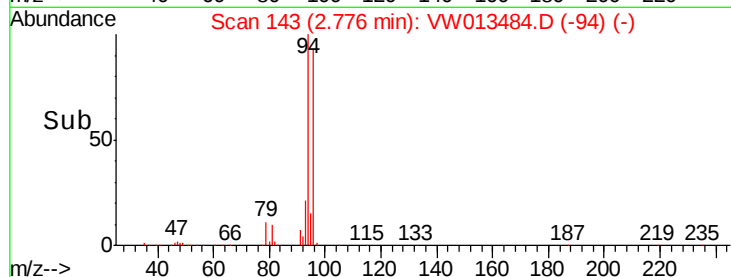
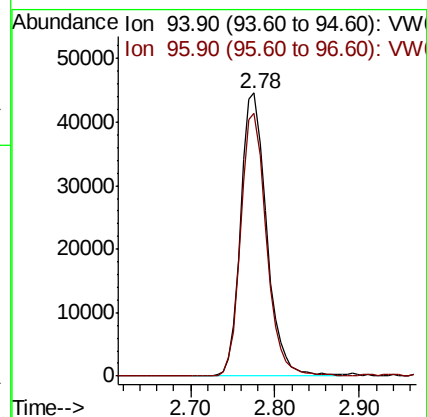
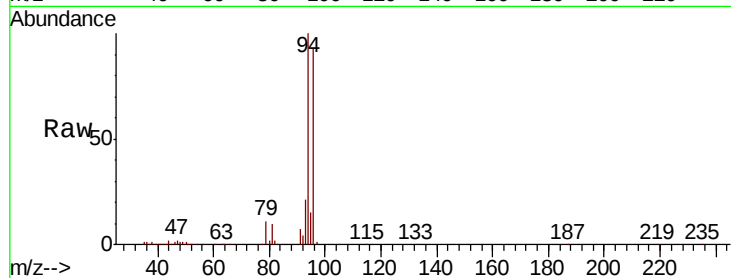
ClientSampled :

Tot Ion: 94 Resp: 92805

Ion Ratio Lower Upper

94 100

96 93.1 77.0 115.6



#6

Chloroethane

Concen: 51.608 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013484.D

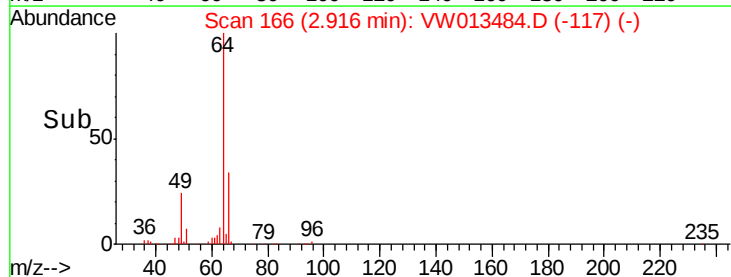
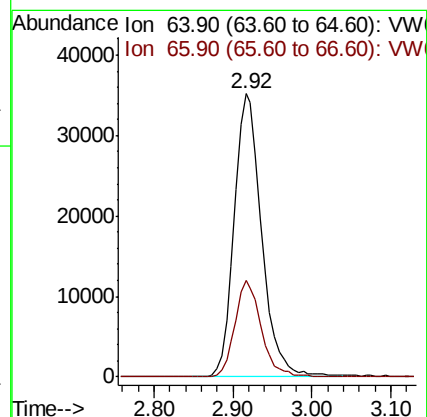
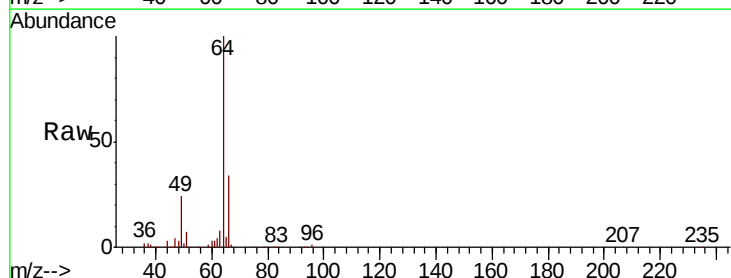
Acq: 08 Oct 2019 13:14

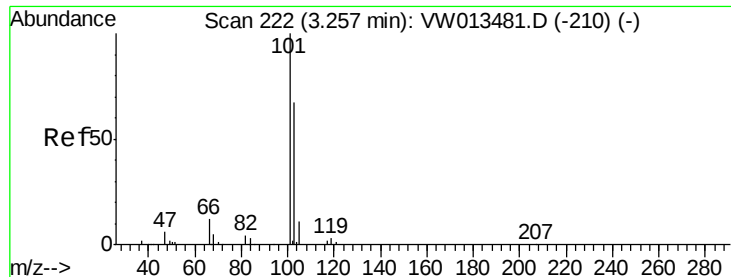
Tgt Ion: 64 Resp: 85281

Ion Ratio Lower Upper

64 100

66 34.3 25.0 37.4



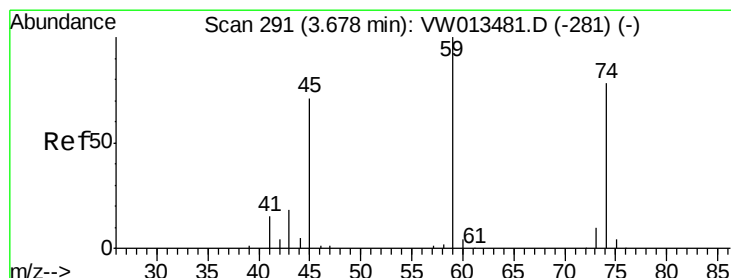
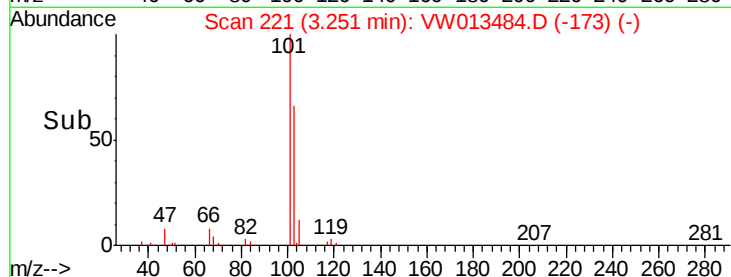
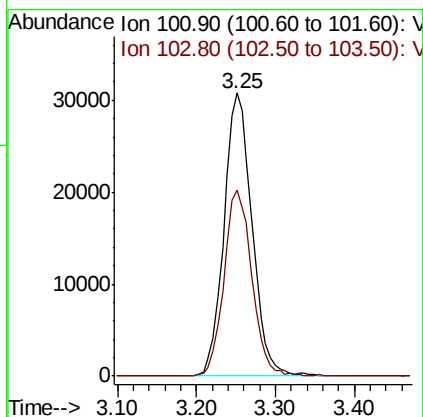
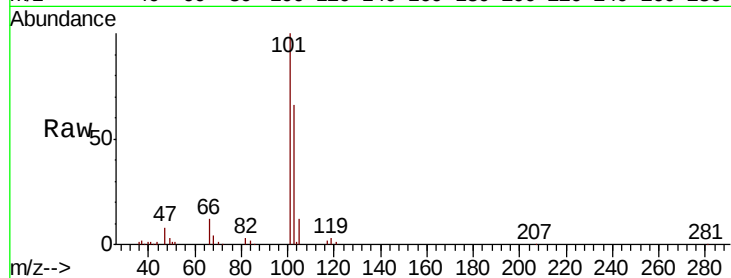


#7

Trichlorofluoromethane
Concen: 54.509 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampled :

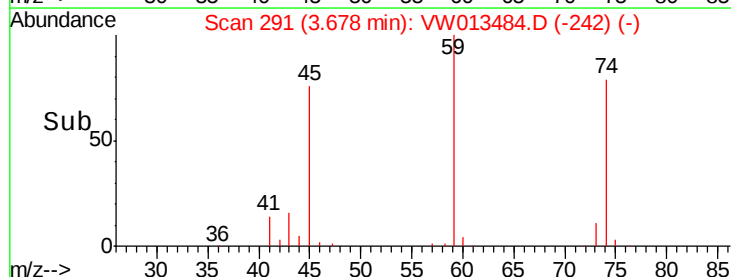
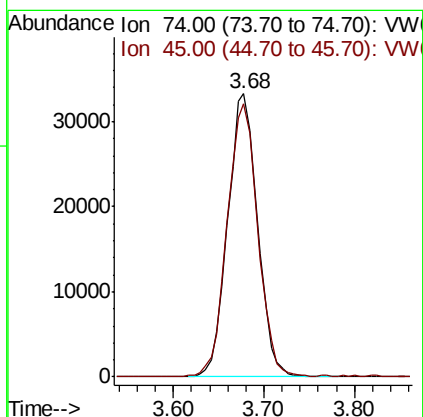
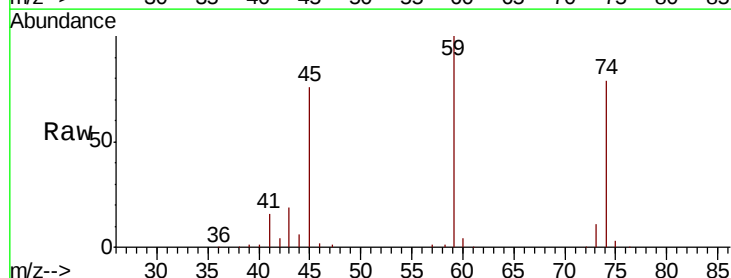
Tot Ion:101 Resp: 75888
Ion Ratio Lower Upper
101 100
103 65.6 53.7 80.5

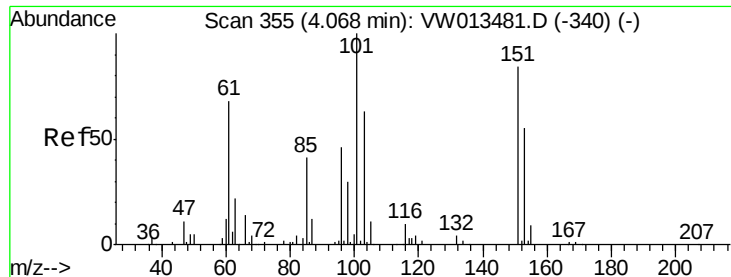


#8

Diethyl Ether
Concen: 52.615 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 74 Resp: 75817
Ion Ratio Lower Upper
74 100
45 99.6 50.0 150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.932 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampled :

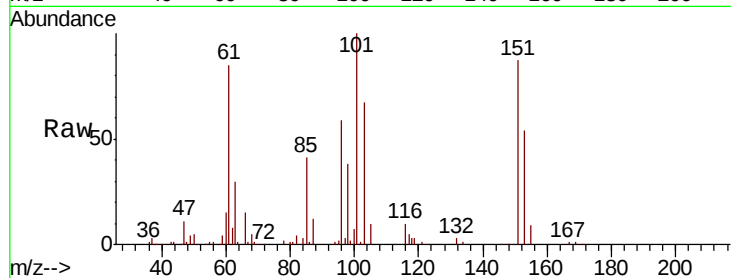
Tot Ion:101 Resp: 146140

Ion Ratio Lower Upper

101 100

85 40.8 31.6 47.4

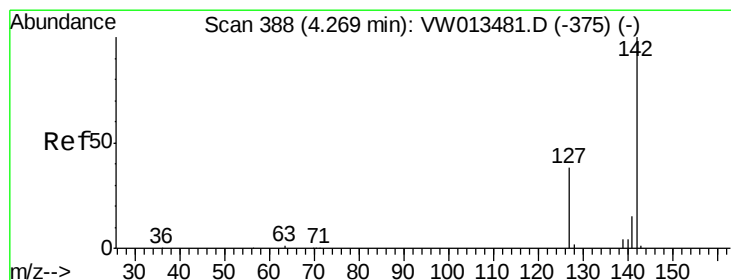
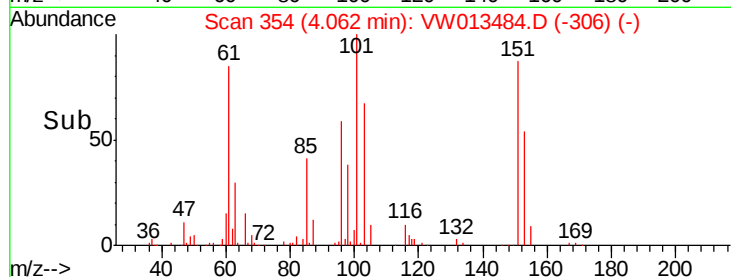
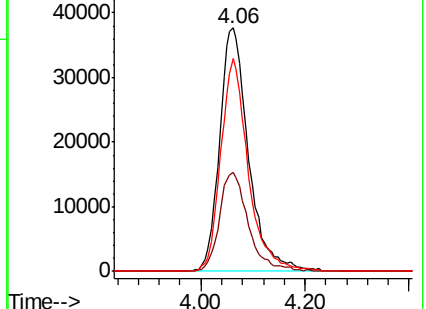
151 83.4 67.5 101.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.707 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

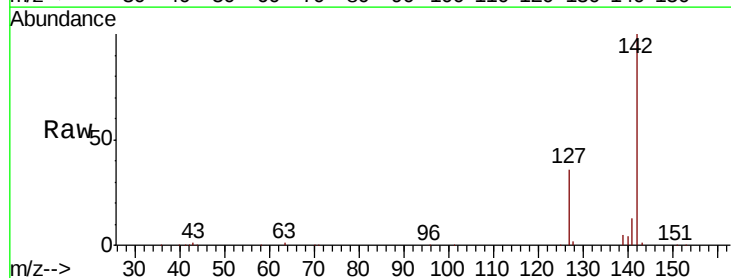
Tgt Ion:142 Resp: 234934

Ion Ratio Lower Upper

142 100

127 37.2 29.6 44.4

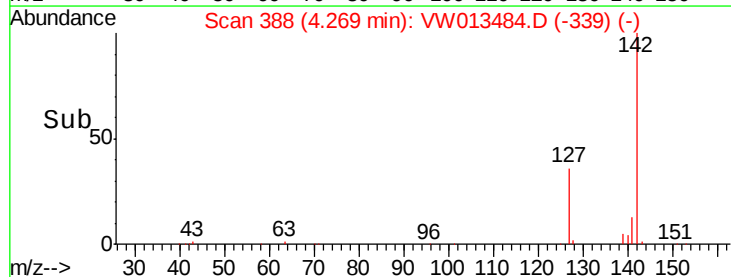
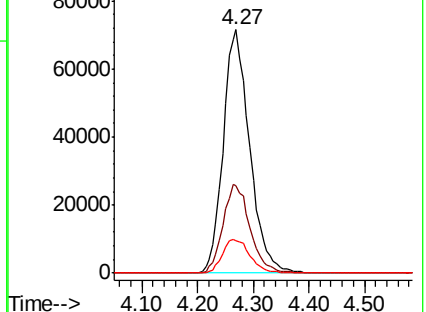
141 14.6 12.1 18.1

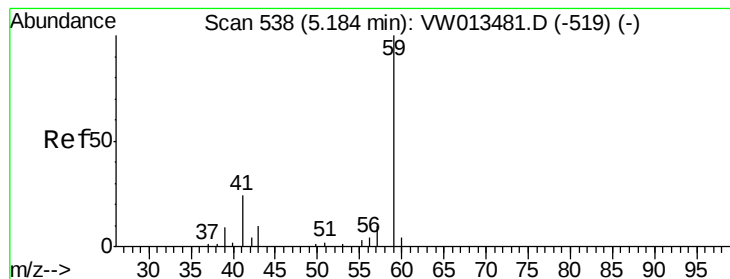


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



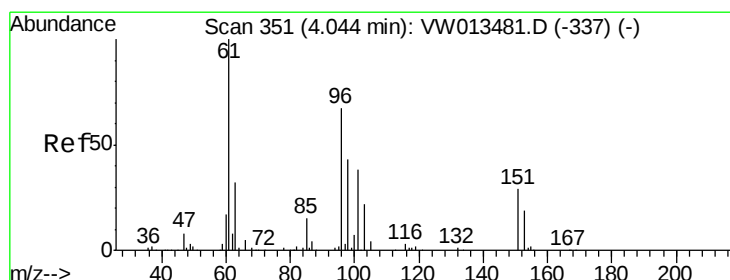
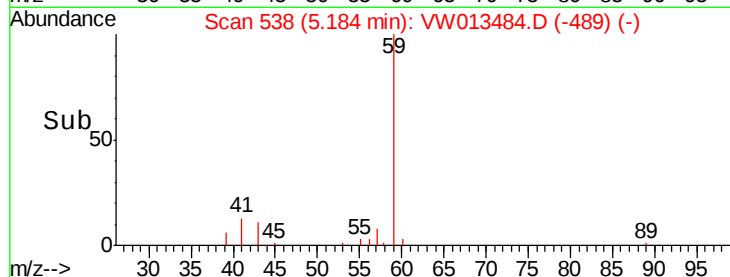
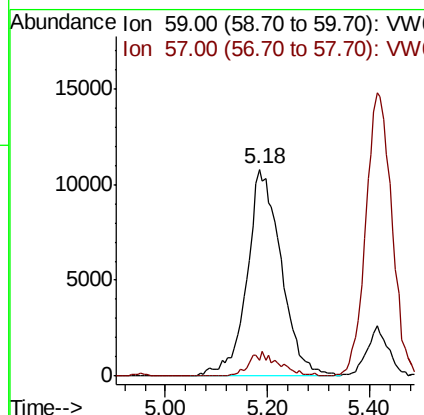
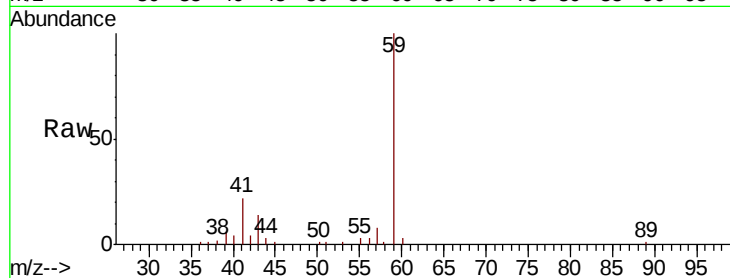


#11

Tert butyl alcohol
 Concen: 268.312 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :

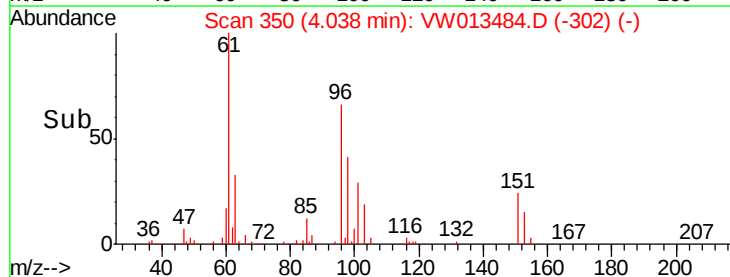
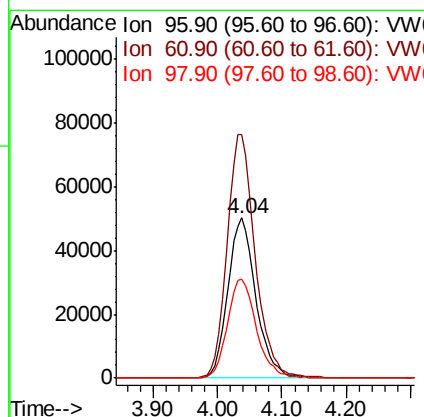
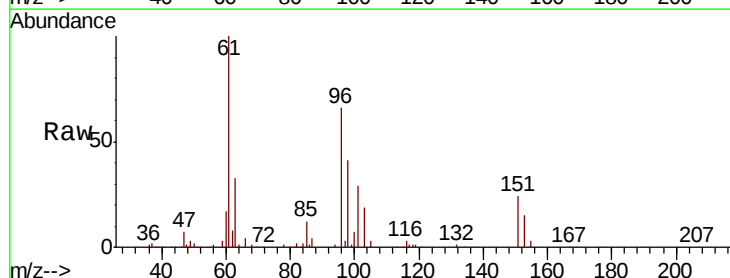
Tot Ion: 59 Resp: 50017
 Ion Ratio Lower Upper
 59 100
 57 3.8 8.2 12.4#

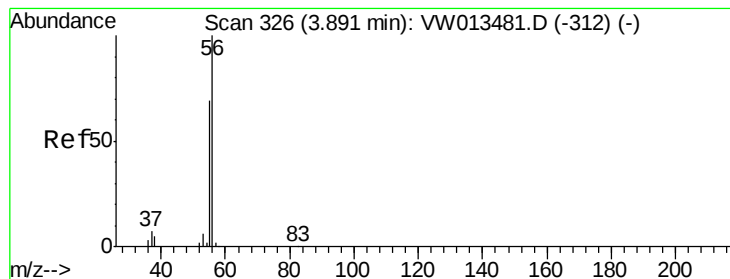


#12

1,1-Dichloroethene
 Concen: 51.616 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion: 96 Resp: 153486
 Ion Ratio Lower Upper
 96 100
 61 152.4 119.4 179.0
 98 61.8 51.1 76.7





#13

Acrolein

Concen: 243.736 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

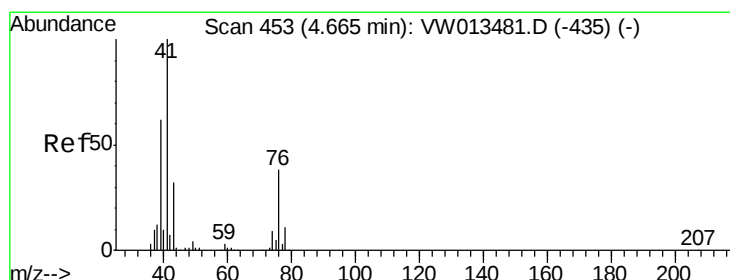
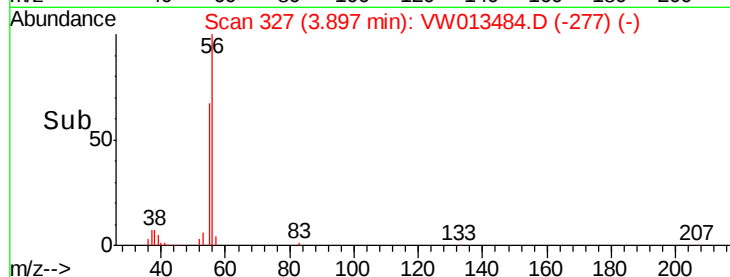
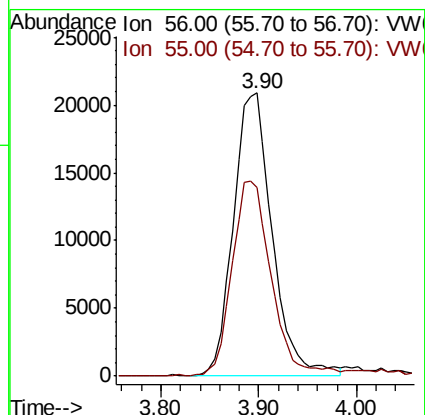
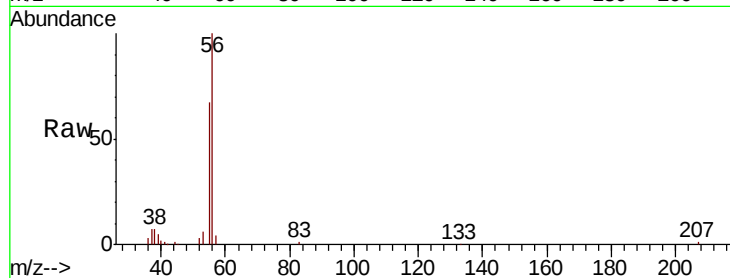
ClientSampleId :

Tot Ion: 56 Resp: 57751

Ion Ratio Lower Upper

56 100

55 71.2 55.9 83.9



#14

Allyl chloride

Concen: 52.284 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

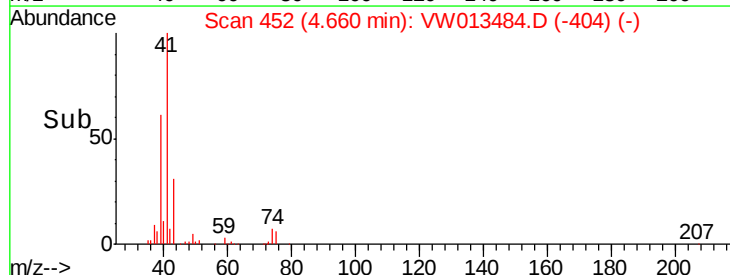
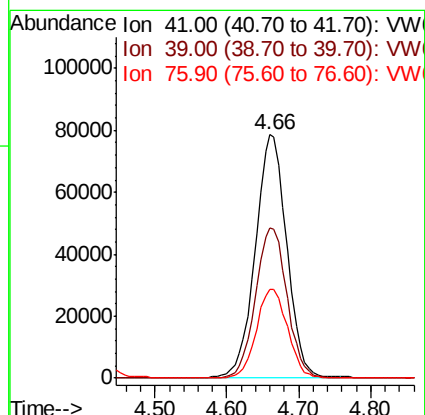
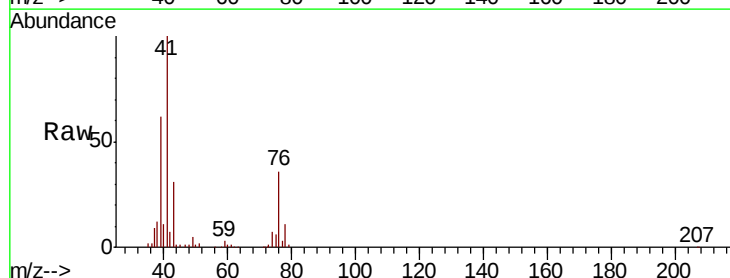
Tgt Ion: 41 Resp: 238921

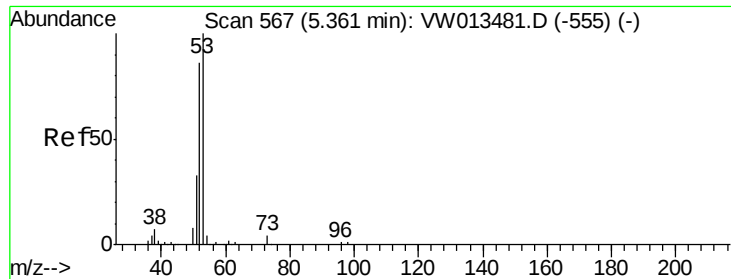
Ion Ratio Lower Upper

41 100

39 61.8 50.1 75.1

76 36.2 29.0 43.4





#15

Acrylonitrile

Concen: 249.933 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

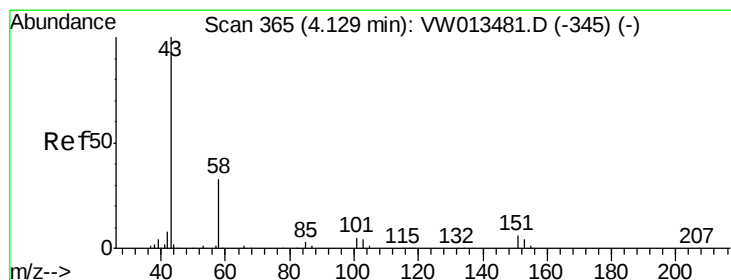
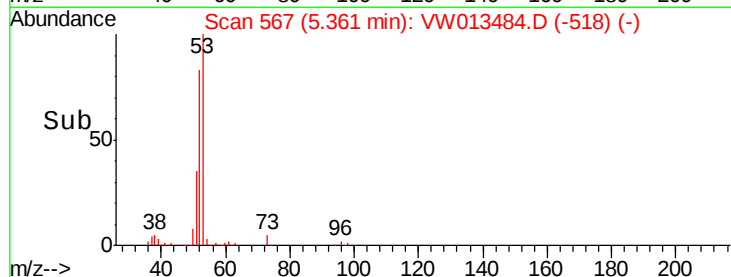
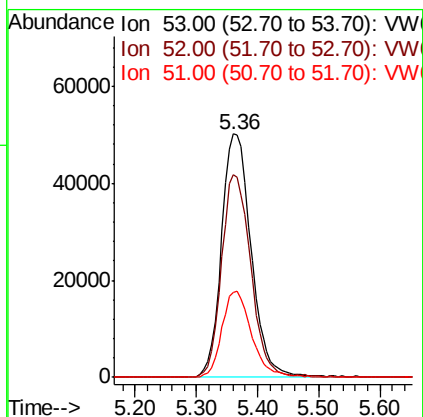
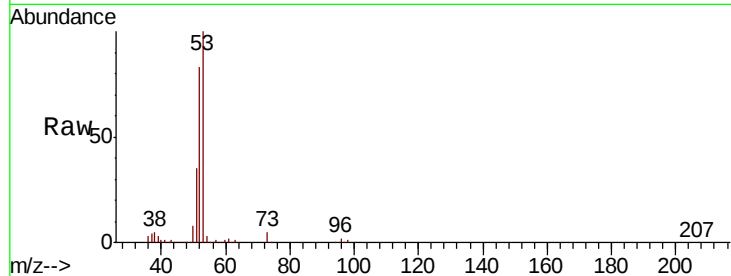
Tot Ion: 53 Resp: 168328

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.8

51 35.0 28.6 42.8



#16

Acetone

Concen: 270.733 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW013484.D

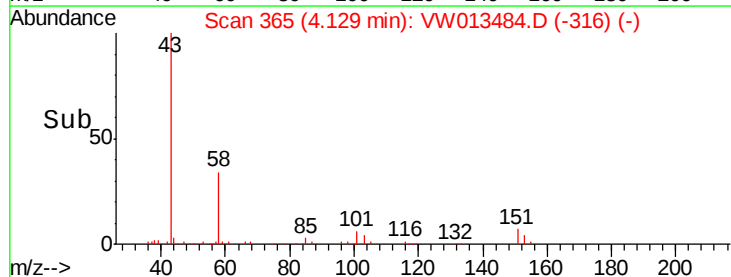
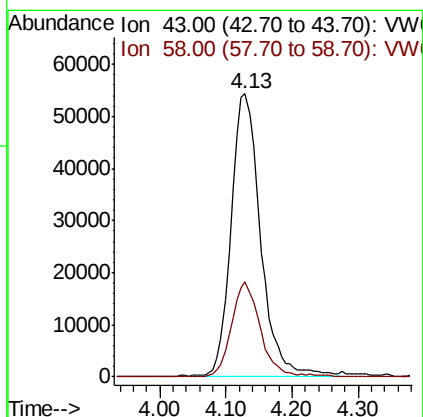
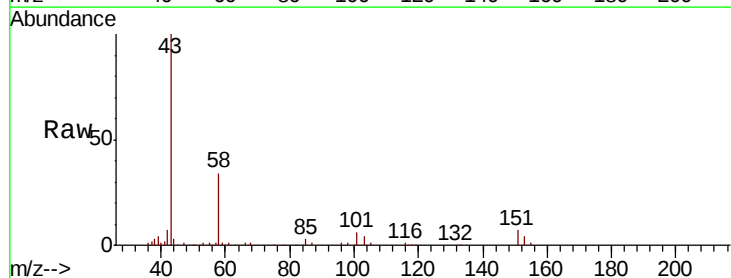
Acq: 08 Oct 2019 13:14

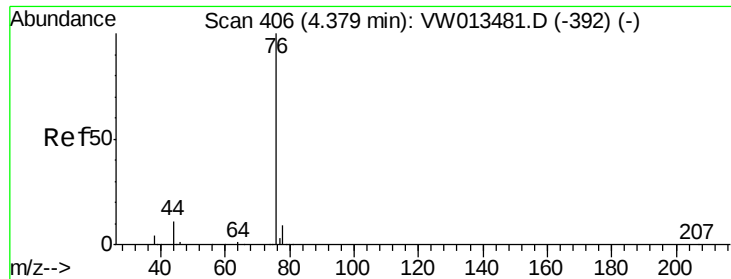
Tgt Ion: 43 Resp: 166768

Ion Ratio Lower Upper

43 100

58 33.8 26.1 39.1

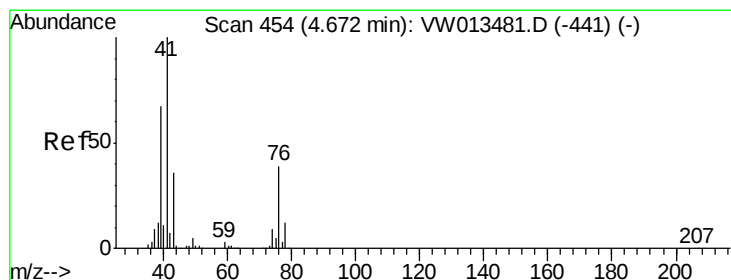
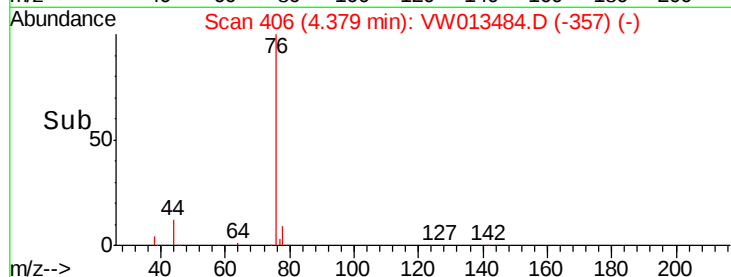
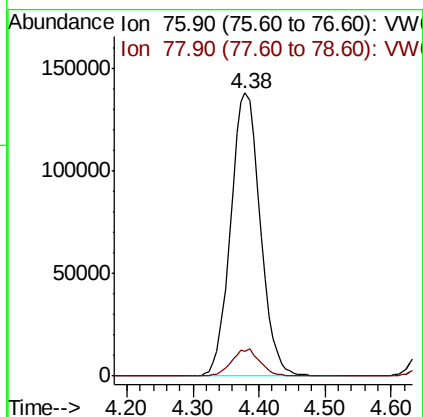
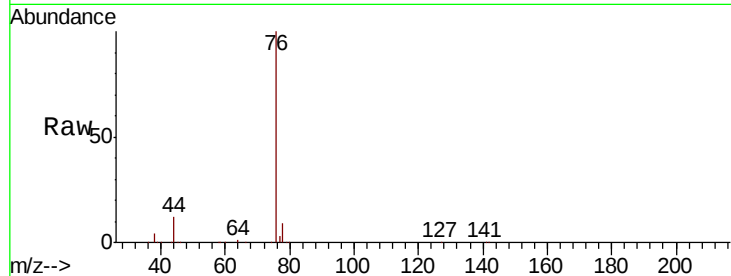




#17
Carbon Disulfide
Concen: 51.433 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

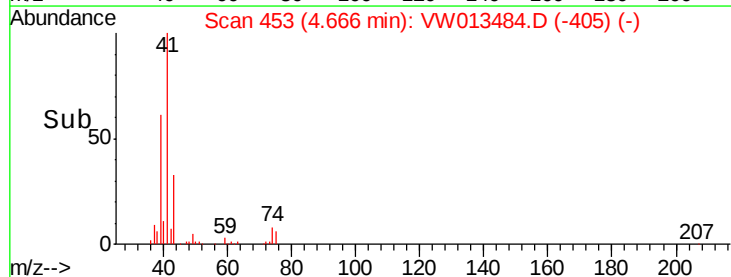
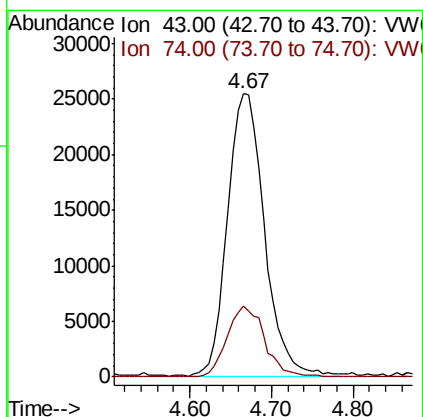
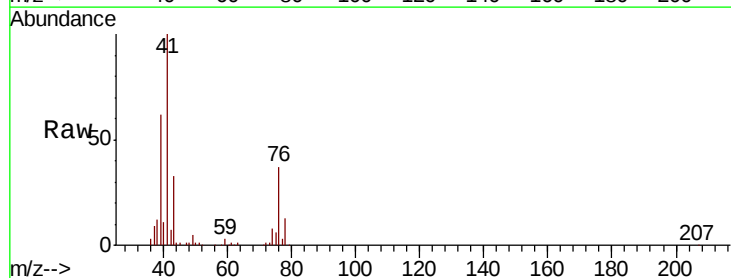
Instrument :
MSVOA_W
ClientSampleId :

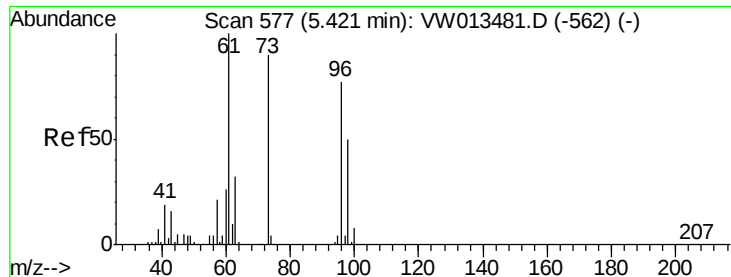
Tot Ion: 76 Resp: 429295
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 45.060 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 43 Resp: 79508
Ion Ratio Lower Upper
43 100
74 25.5 19.6 29.4

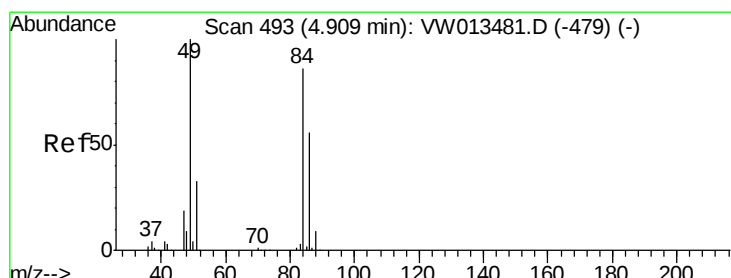
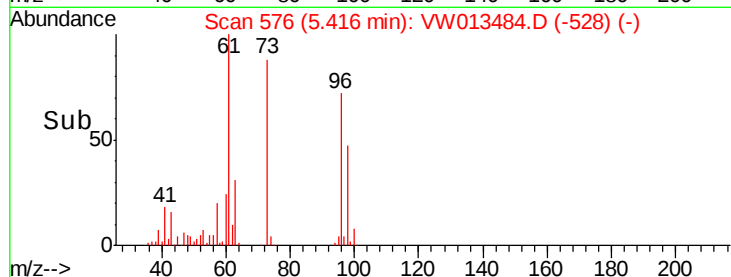
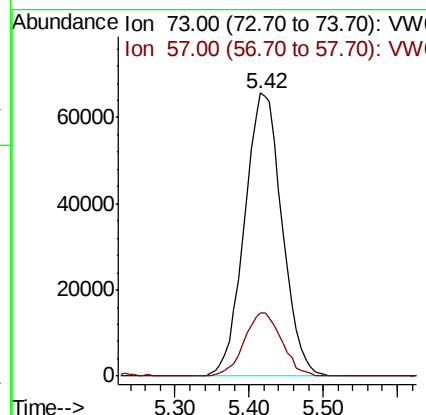
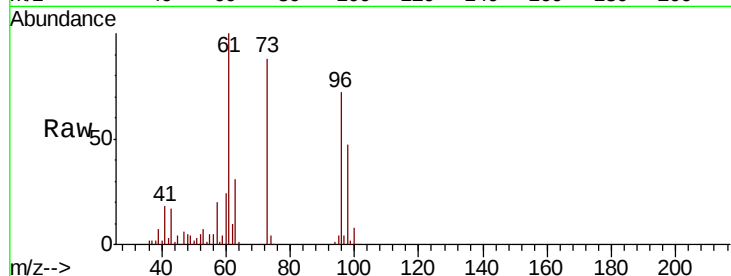




#19
Methyl tert-butyl Ether
Concen: 51.678 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

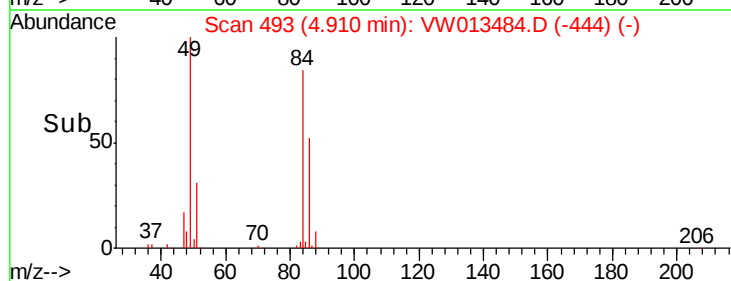
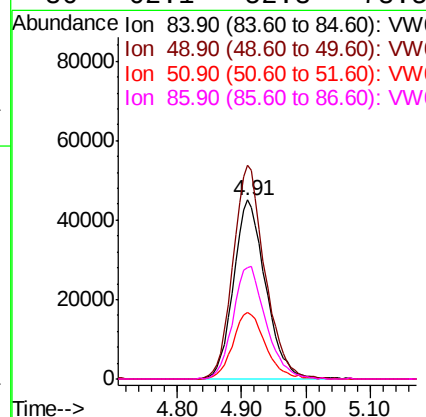
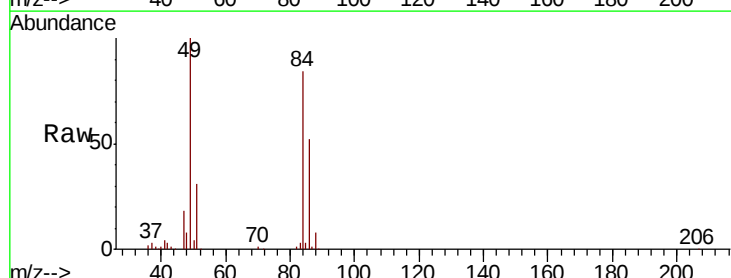
Instrument :
MSVOA_W
ClientSampleId :

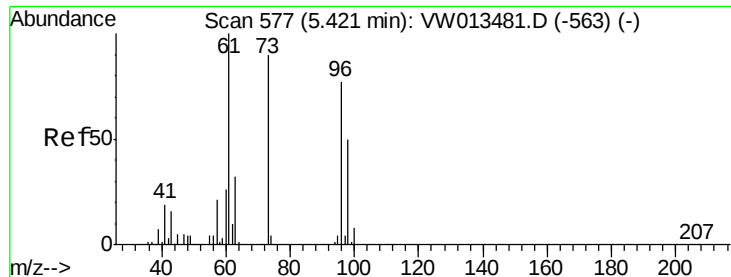
Tot Ion: 73 Resp: 232371
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 52.817 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 84 Resp: 156735
Ion Ratio Lower Upper
84 100
49 119.4 93.4 140.0
51 37.6 30.6 46.0
86 62.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.339 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

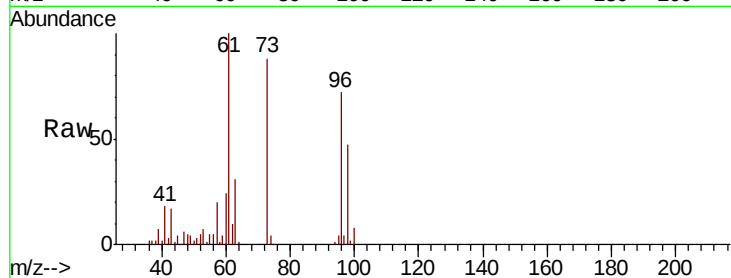
Tot Ion: 96 Resp: 162219

Ion Ratio Lower Upper

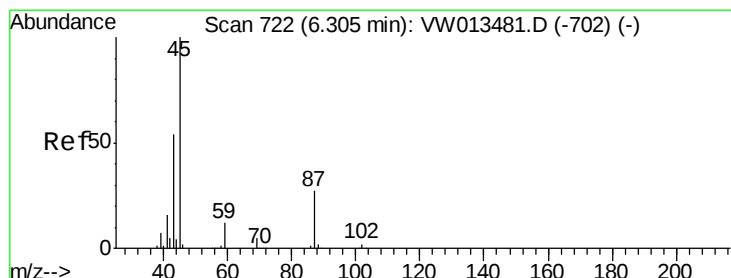
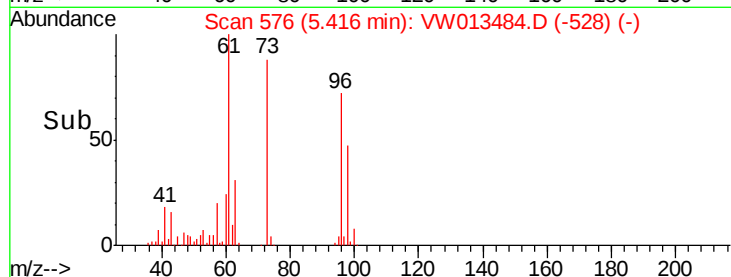
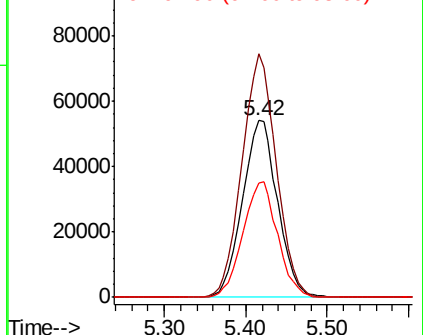
96 100

61 137.9 104.3 156.5

98 64.4 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 52.583 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion: 45 Resp: 450213

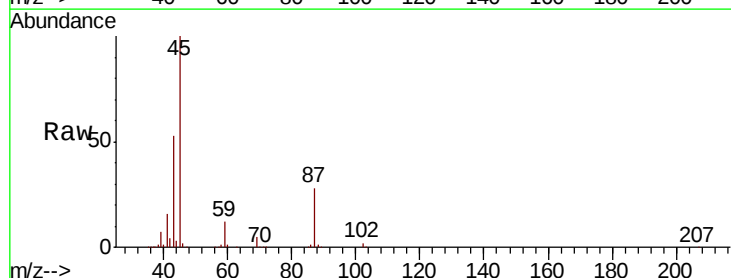
Ion Ratio Lower Upper

45 100

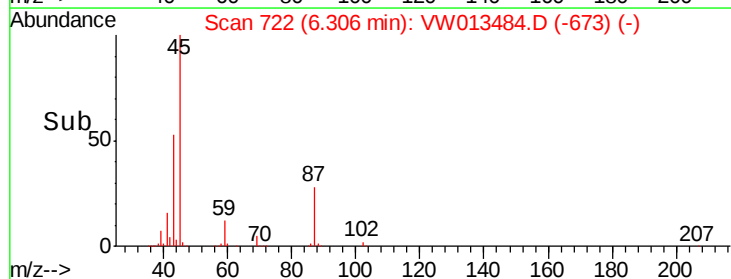
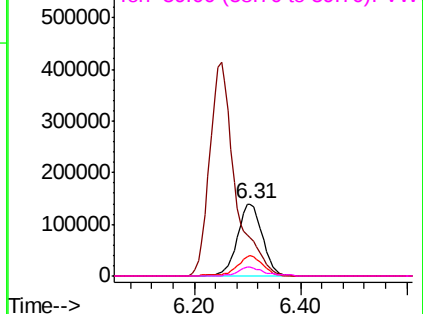
43 52.8 43.4 65.0

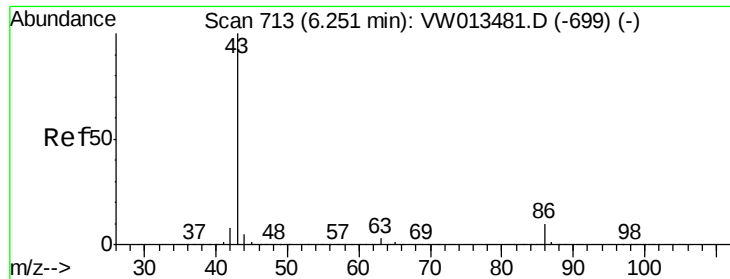
87 28.0 22.1 33.1

59 12.0 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

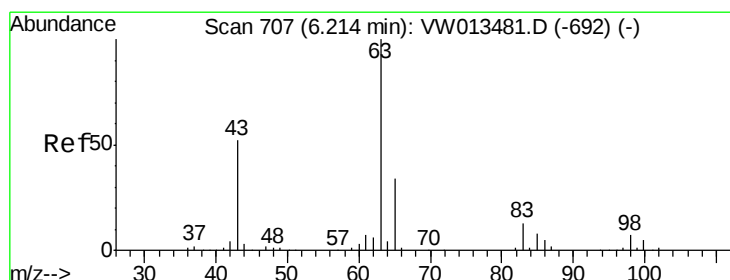
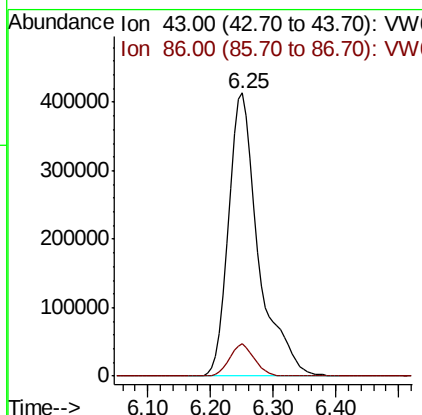
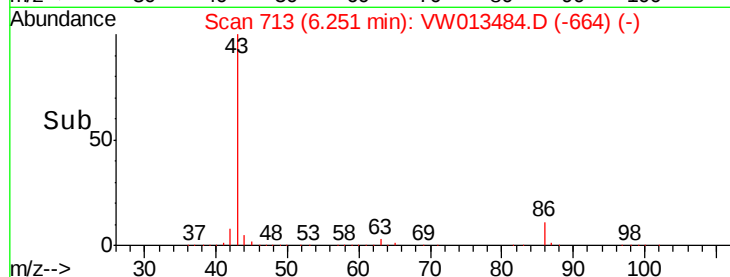
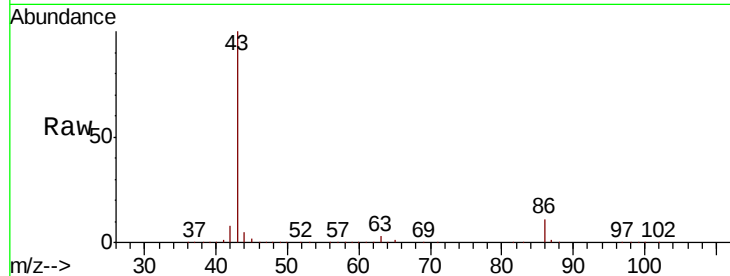




#23
 Vinyl Acetate
 Concen: 265.591 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

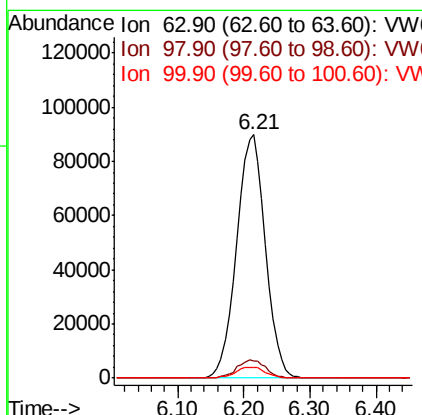
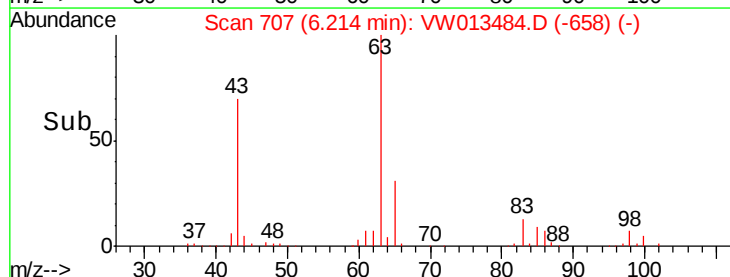
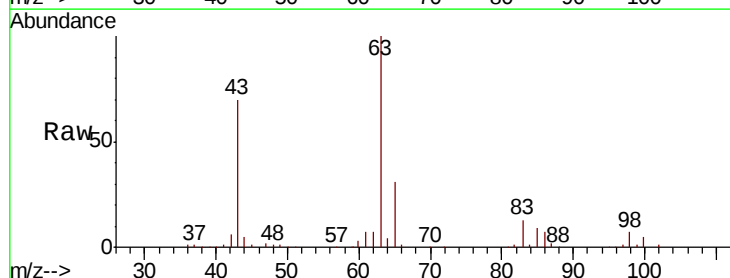
Instrument :
 MSVOA_W
 ClientSampleId :

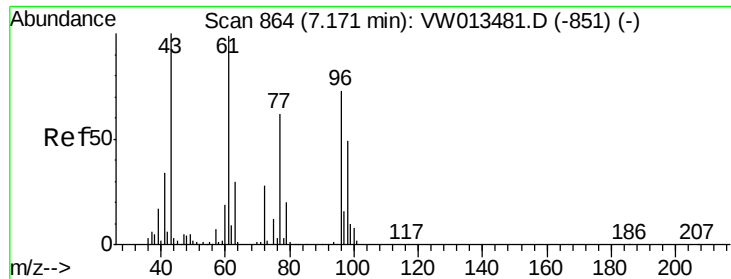
Tot Ion: 43 Resp: 1365220
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 51.803 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion: 63 Resp: 271093
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 241.795 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

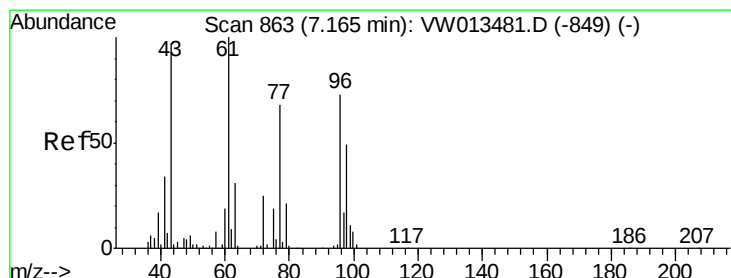
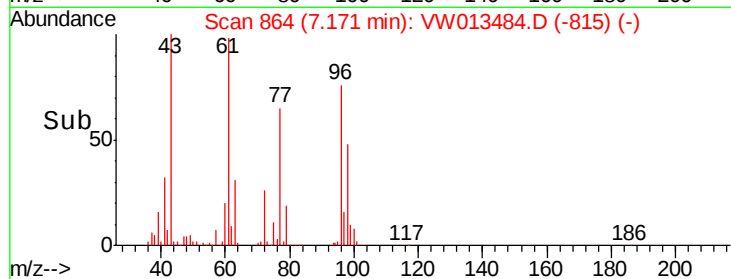
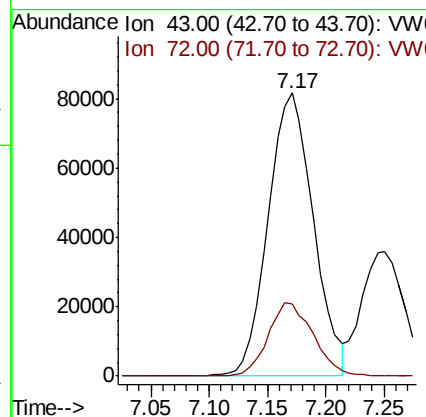
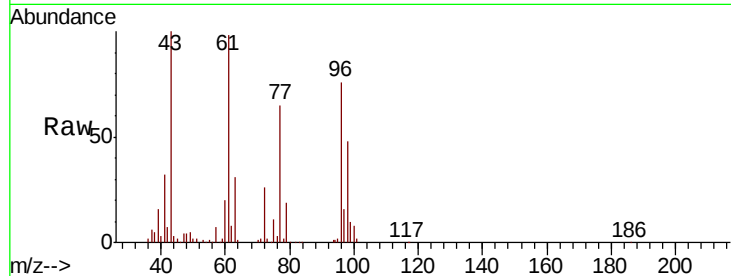
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 219504

Ion Ratio Lower Upper

43 100

72 25.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 49.705 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013484.D

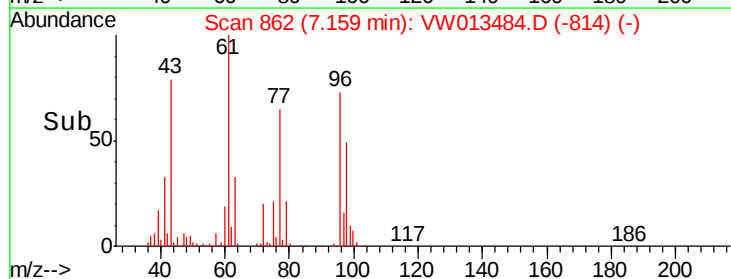
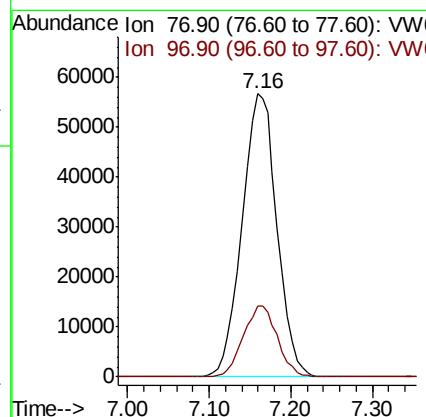
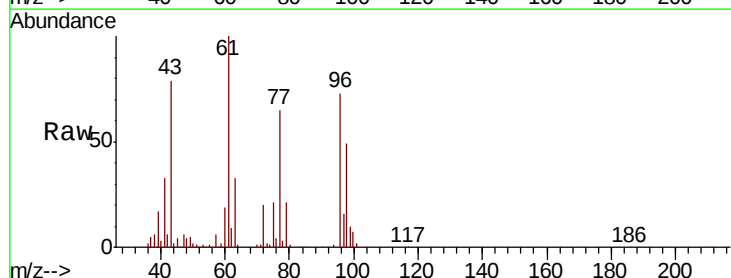
Acq: 08 Oct 2019 13:14

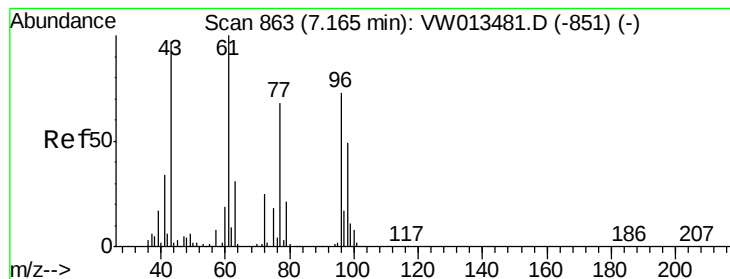
Tgt Ion: 77 Resp: 167684

Ion Ratio Lower Upper

77 100

97 24.5 12.6 37.6



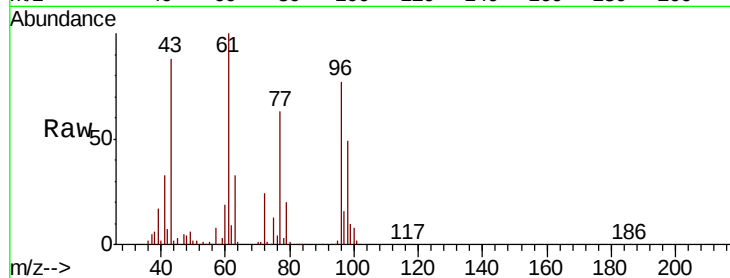


#27

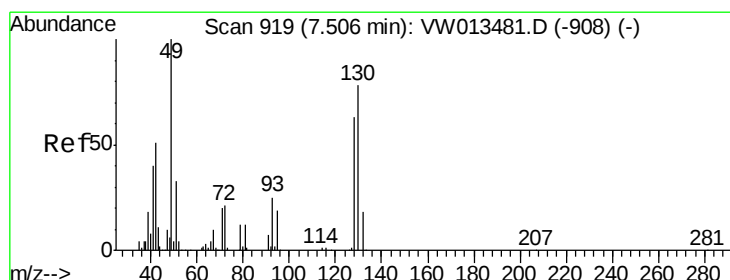
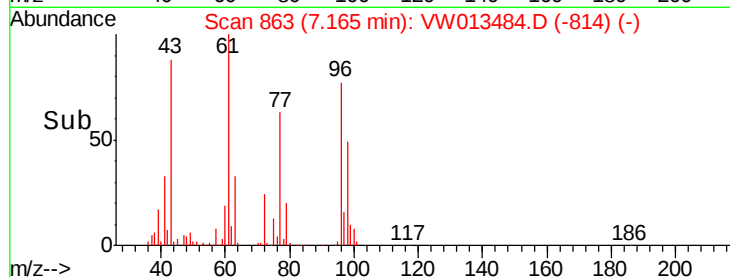
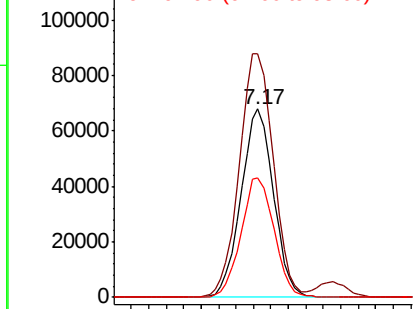
cis-1,2-Dichloroethene
 Concen: 52.463 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	96	Resp	175406
Ion Ratio	Lower	Upper	
96	100		
61	135.7	0.0	274.4
98	64.7	0.0	130.2



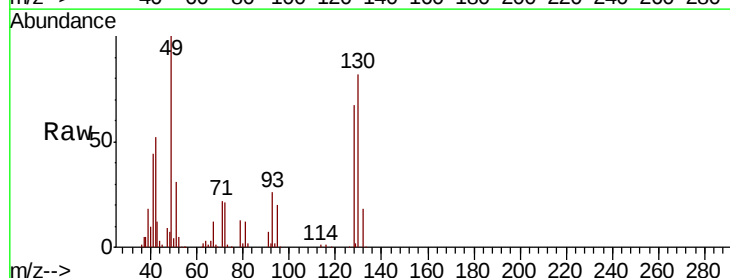
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



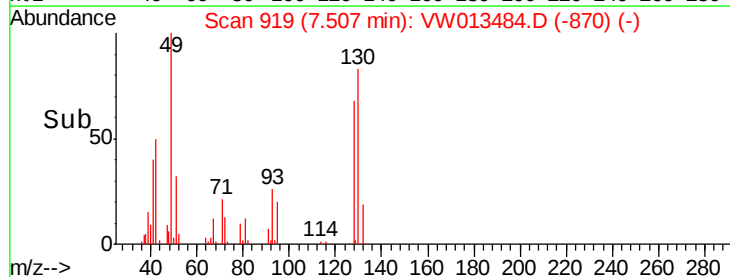
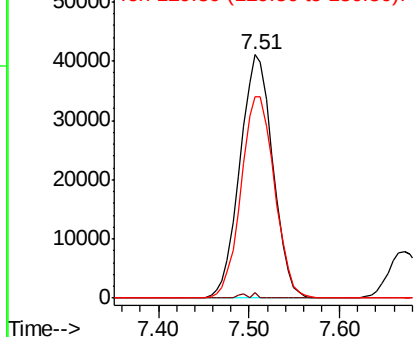
#28

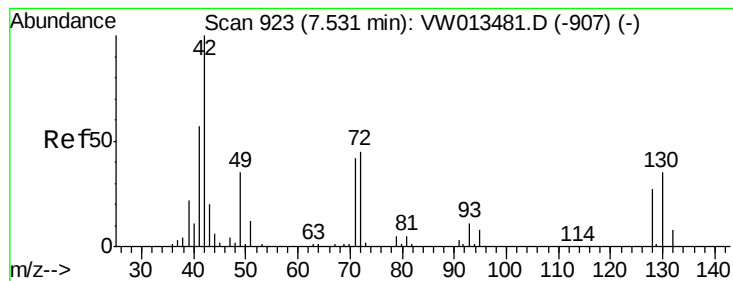
Bromochloromethane
 Concen: 51.019 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	49	Resp	103471
Ion Ratio	Lower	Upper	
49	100		
129	0.4	0.0	1.6
130	84.2	0.0	0.0#



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 245.752 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :

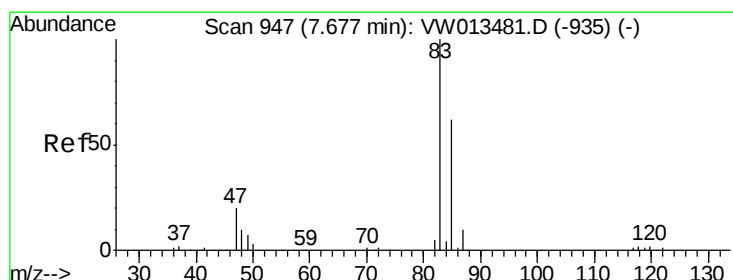
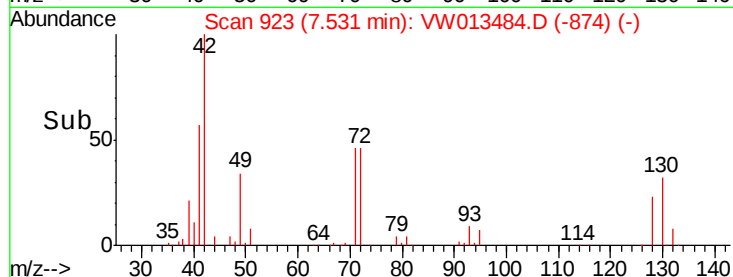
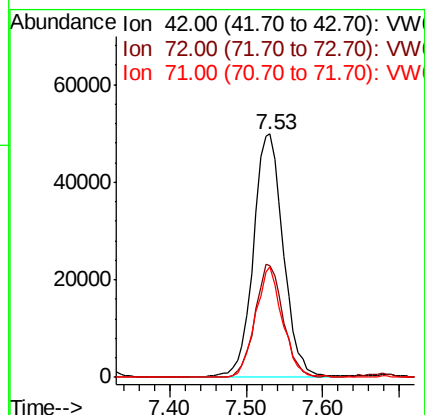
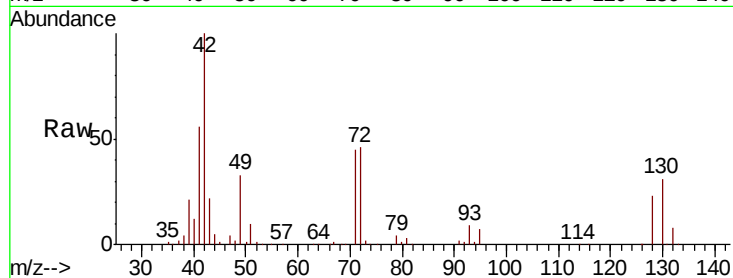
Tot Ion: 42 Resp: 136352

Ion Ratio Lower Upper

42 100

72 43.6 34.8 52.2

71 41.2 33.6 50.4



#30

Chloroform

Concen: 51.894 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW013484.D

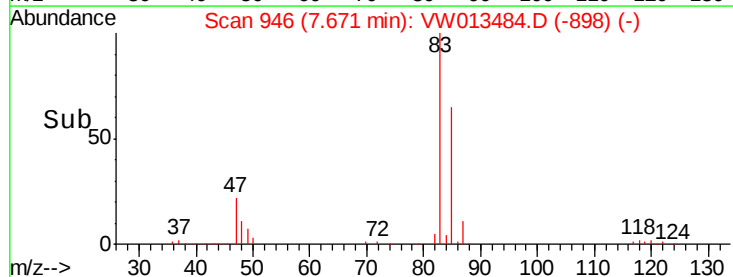
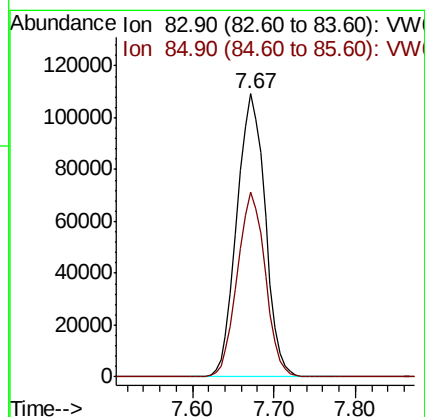
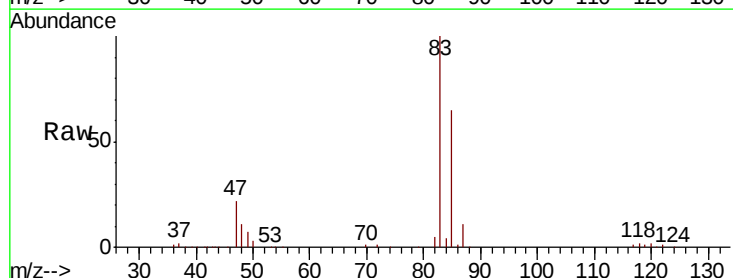
Acq: 08 Oct 2019 13:14

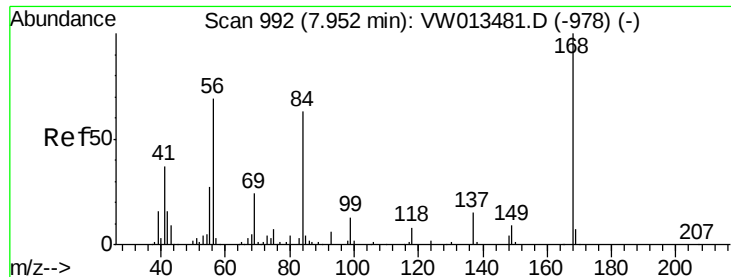
Tgt Ion: 83 Resp: 262684

Ion Ratio Lower Upper

83 100

85 65.4 49.4 74.2

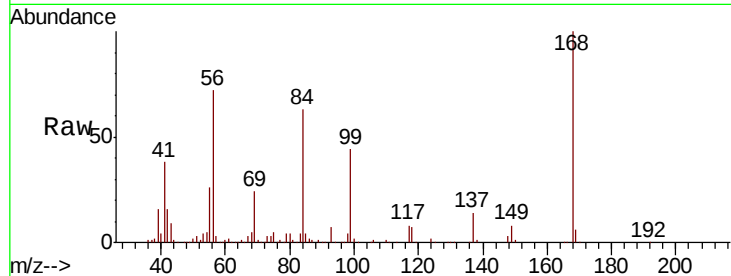




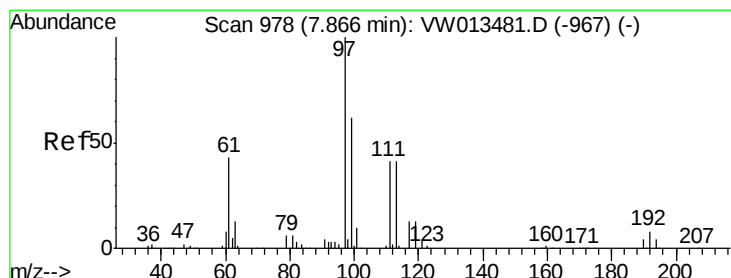
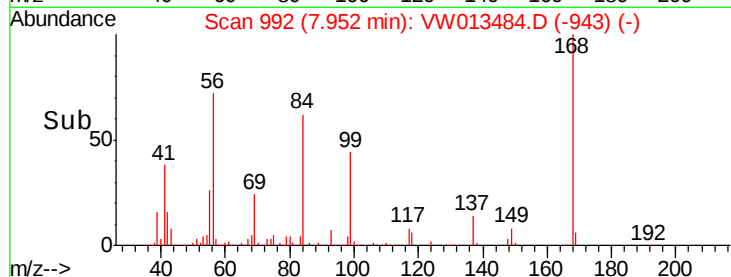
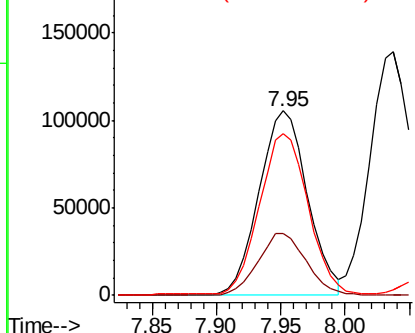
#31
Cyclohexane
Concen: 49.833 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 276022
Ion Ratio Lower Upper
56 100
69 33.2 28.0 42.0
84 86.7 71.8 107.6

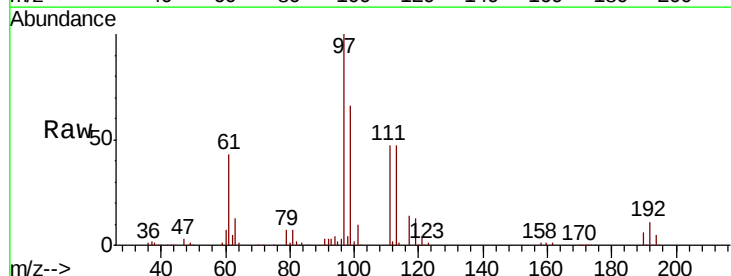


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

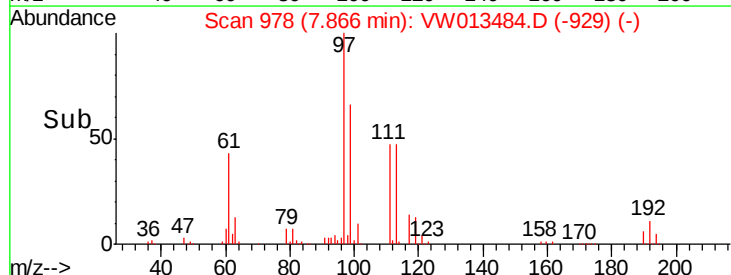
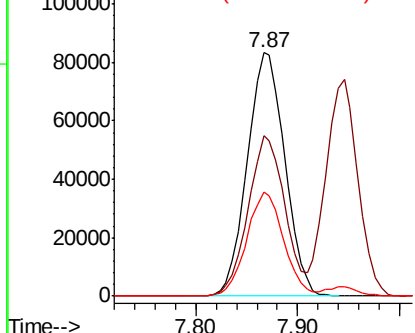


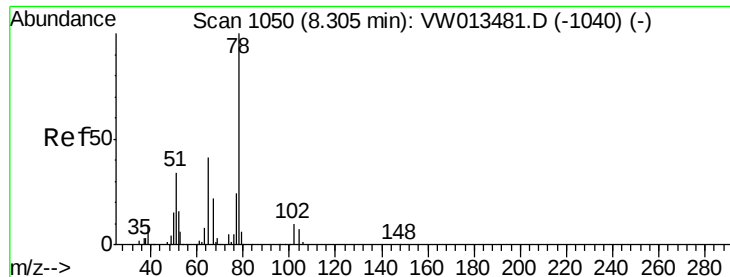
#32
1,1,1-Trichloroethane
Concen: 51.932 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 97 Resp: 213687
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 41.7 33.7 50.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 52.394 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

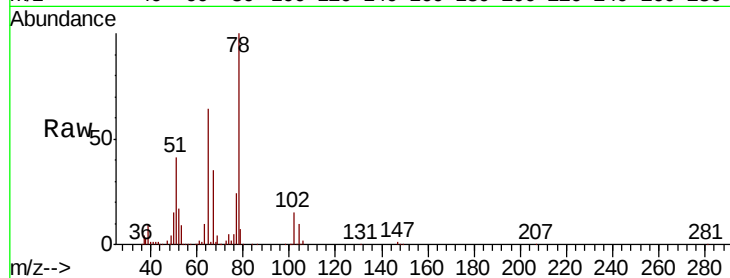
ClientSampleId :

Tot Ion: 65 Resp: 138688

Ion Ratio Lower Upper

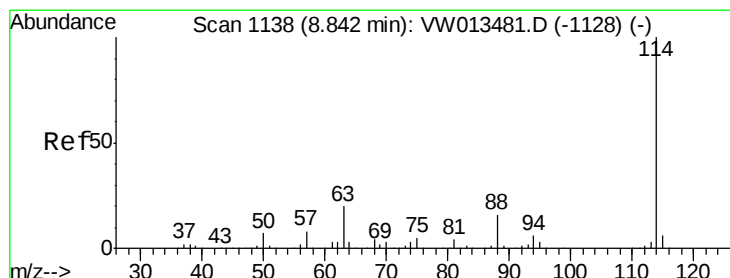
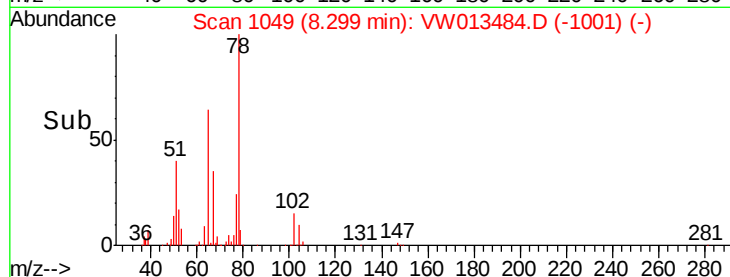
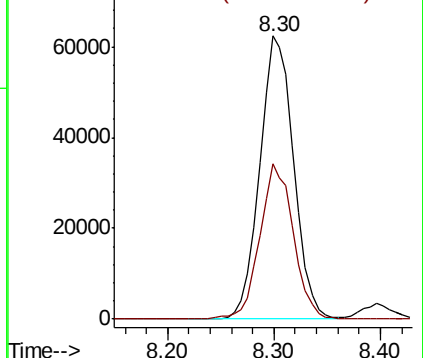
65 100

67 54.3 0.0 109.4



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: VW013484.D

Acq: 08 Oct 2019 13:14

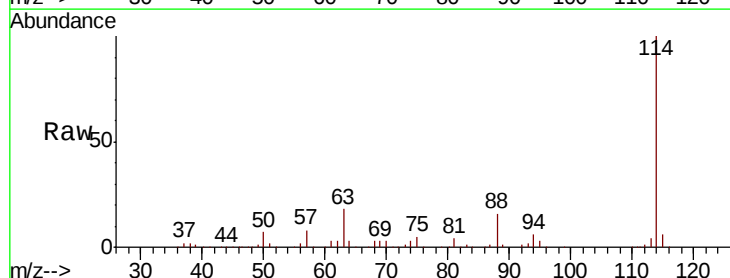
Tgt Ion: 114 Resp: 481796

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.4

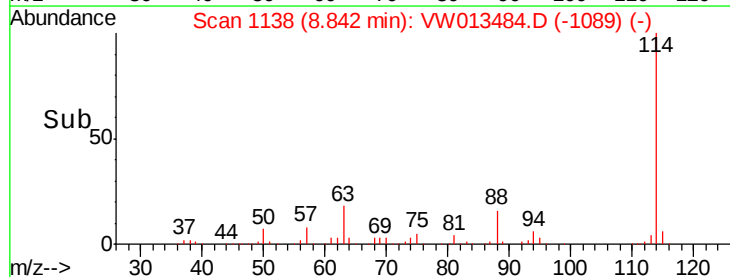
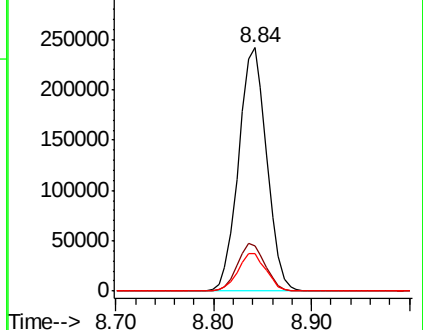
88 15.5 0.0 31.4

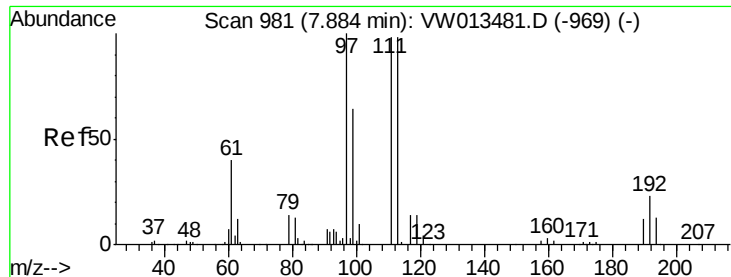


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.975 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampled :

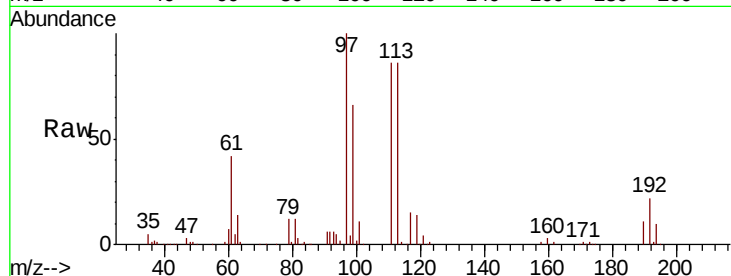
Tot Ion:113 Resp: 142551

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

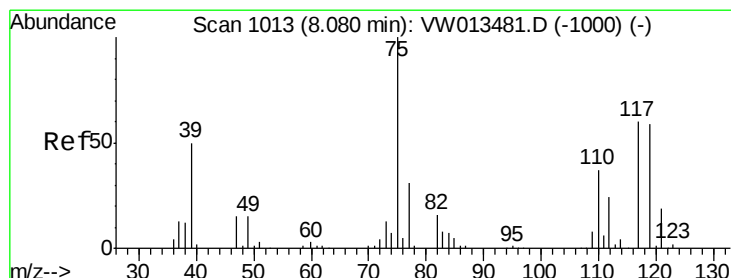
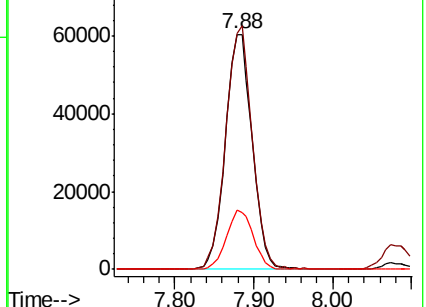
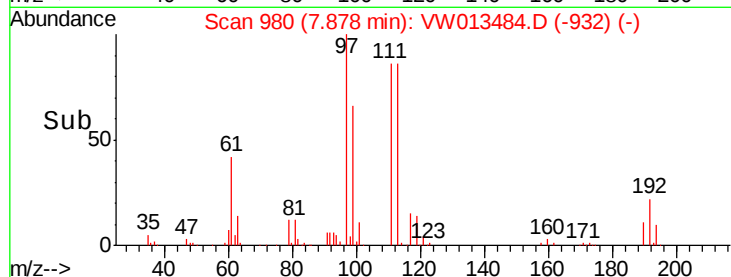
192 25.0 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.740 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

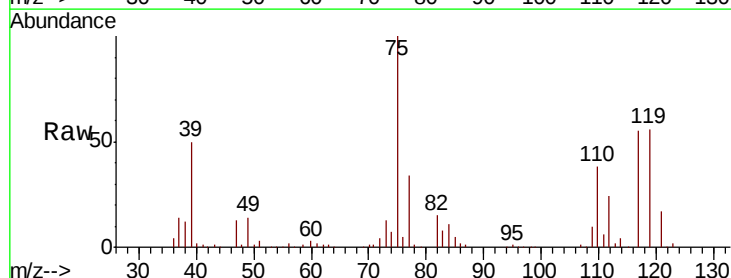
Tgt Ion: 75 Resp: 225506

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.2

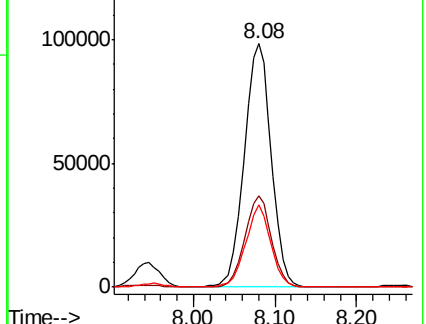
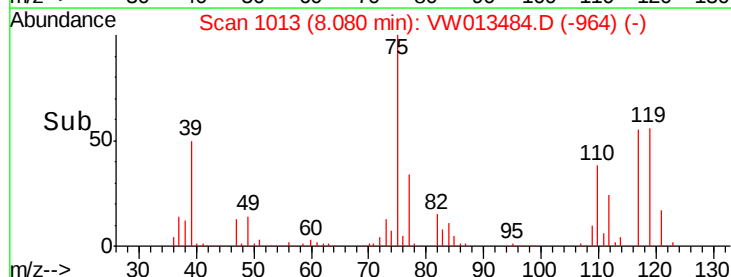
77 31.6 25.0 37.4

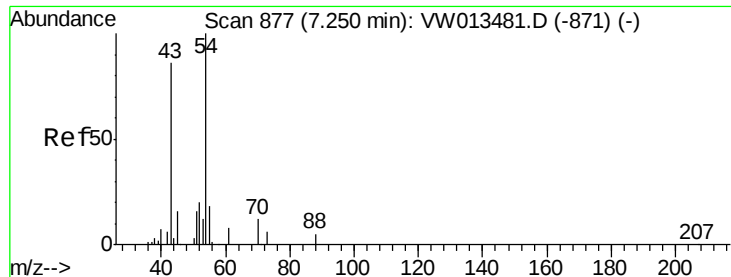


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

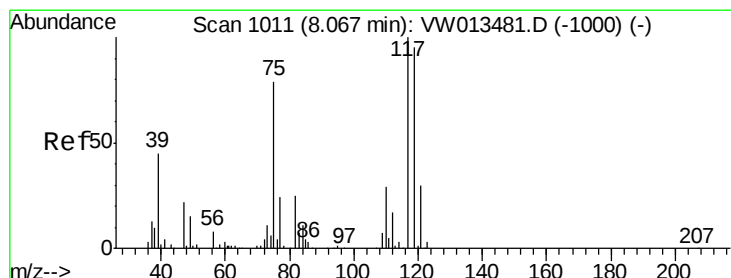
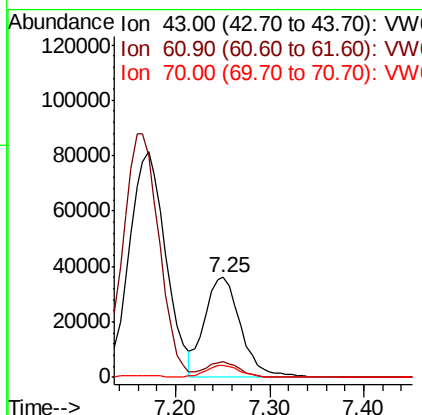
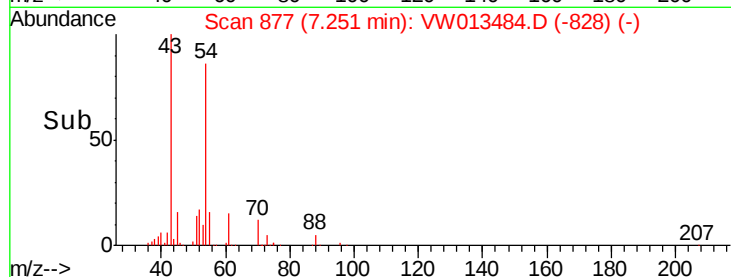
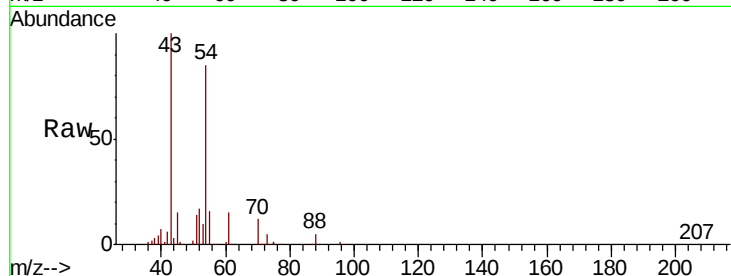




#37
Ethyl Acetate
Concen: 48.248 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

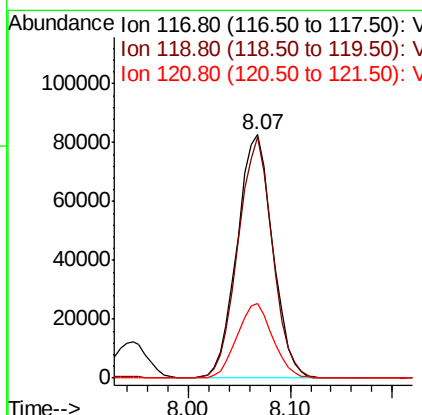
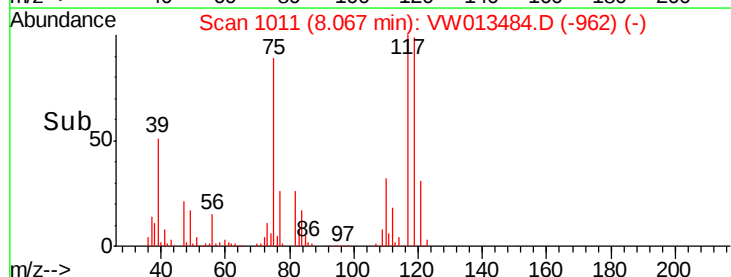
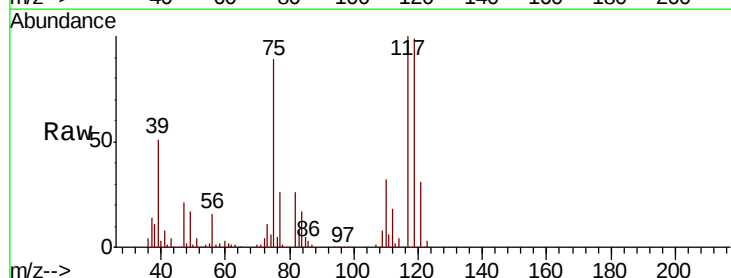
Instrument :
MSVOA_W
ClientSampled :

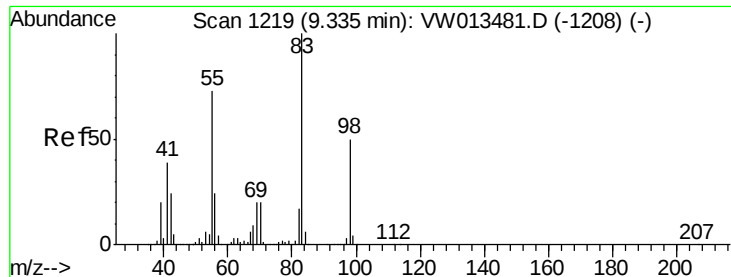
Tot Ion: 43 Resp: 95411
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 52.035 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 117 Resp: 201049
Ion Ratio Lower Upper
117 100
119 99.3 76.3 114.5
121 30.6 23.6 35.4

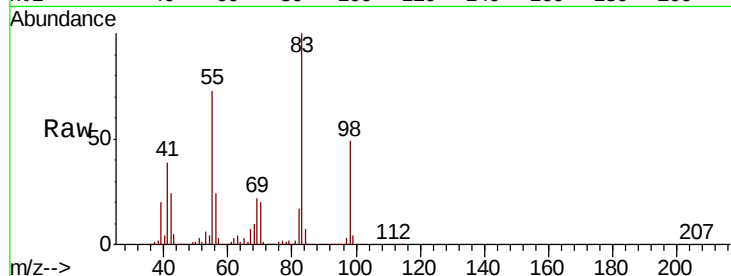




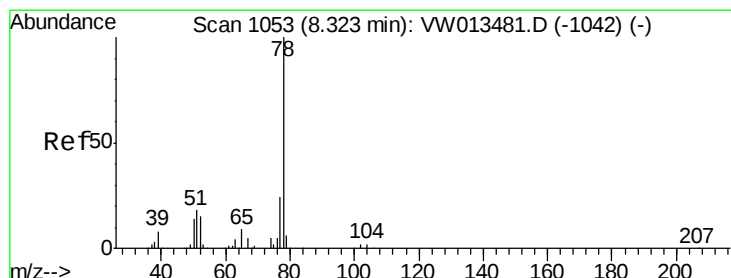
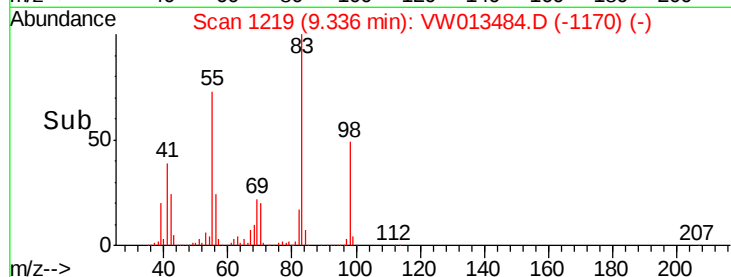
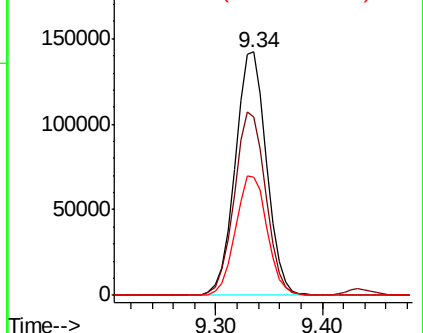
#39
Methvlcvclohexane
Concen: 52.002 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 293641
Ion Ratio Lower Upper
83 100
55 73.4 58.2 87.4
98 48.7 39.8 59.6

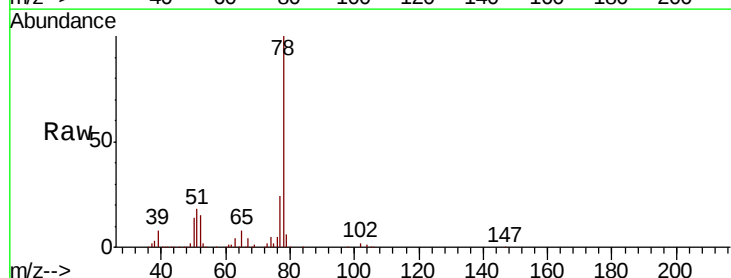


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

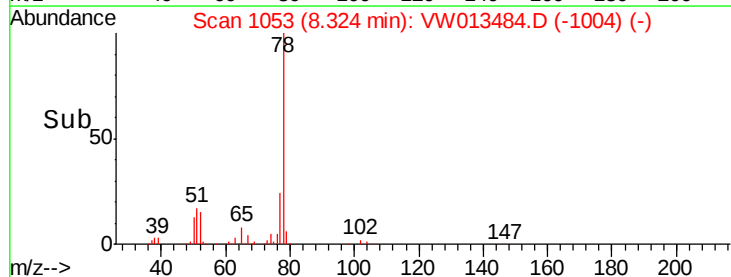
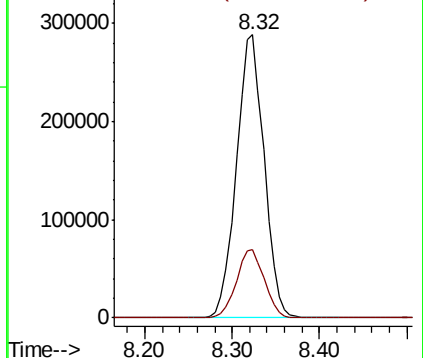


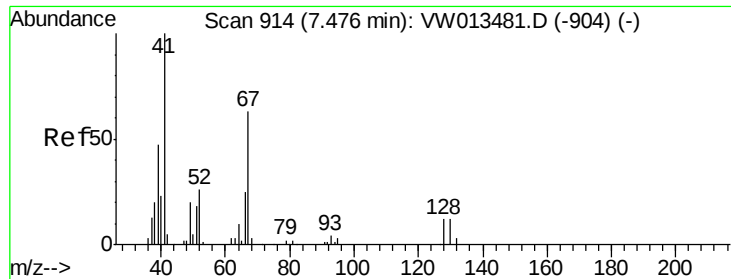
#40
Benzene
Concen: 52.093 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 78 Resp: 633788
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



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

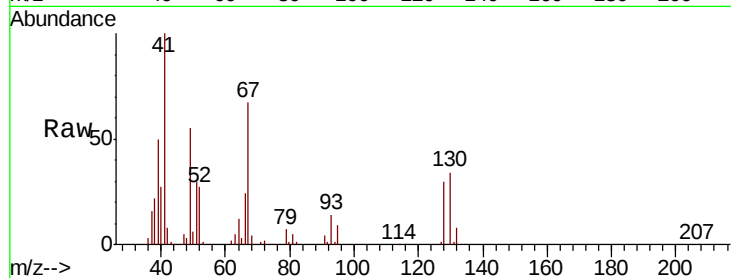




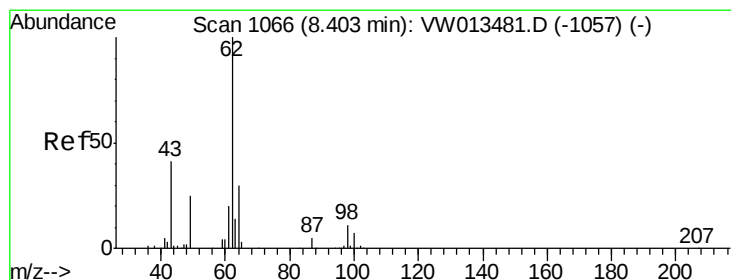
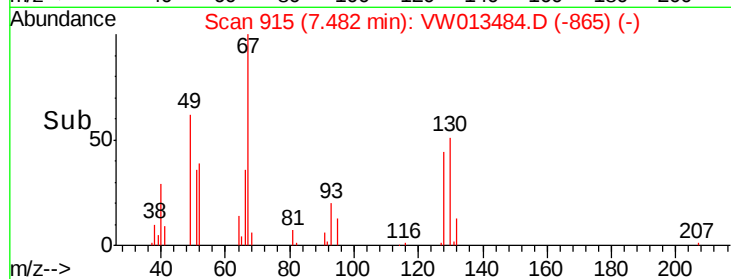
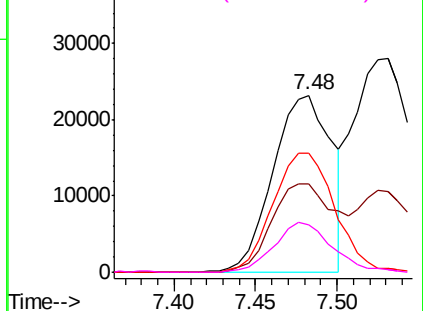
#41
Methacrylonitrile
Concen: 51.542 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	57959
Ion	Ratio	Lower	Upper
41	100		
39	55.1	39.4	59.0
67	70.7	57.0	85.6
52	27.9	22.4	33.6

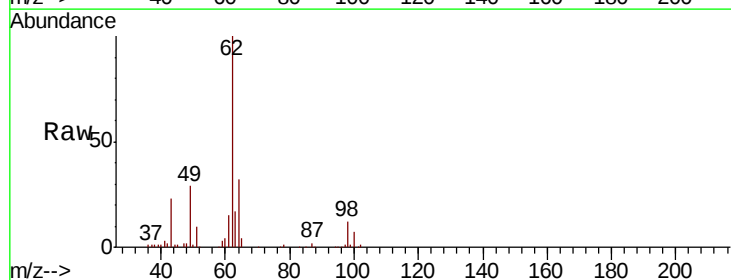


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

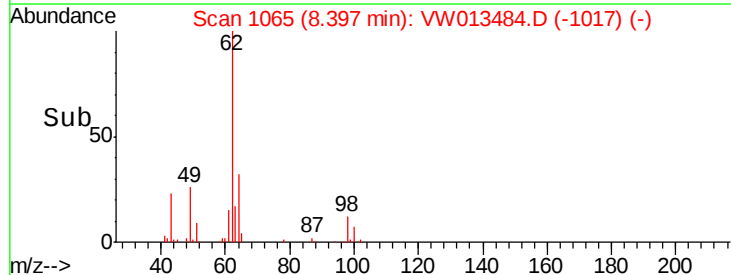
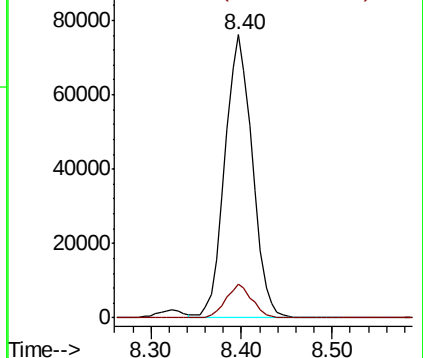


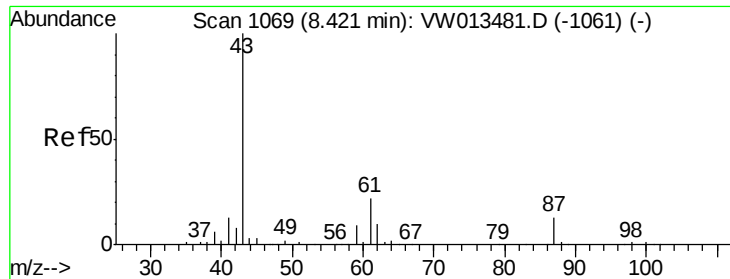
#42
1,2-Dichloroethane
Concen: 52.204 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion:	62	Resp:	160537
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.576 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

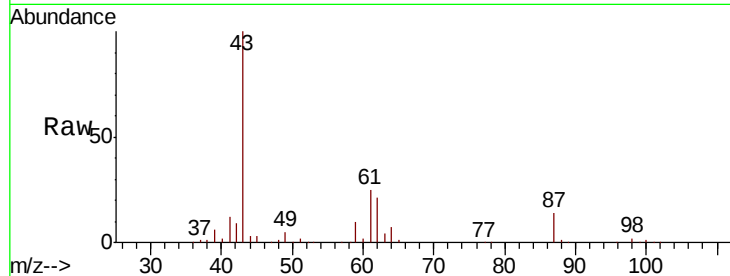
Tot Ion: 43 Resp: 180690

Ion Ratio Lower Upper

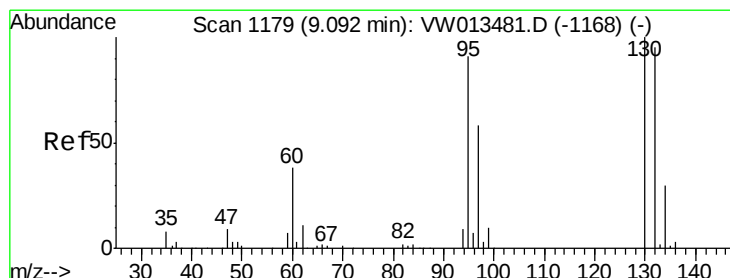
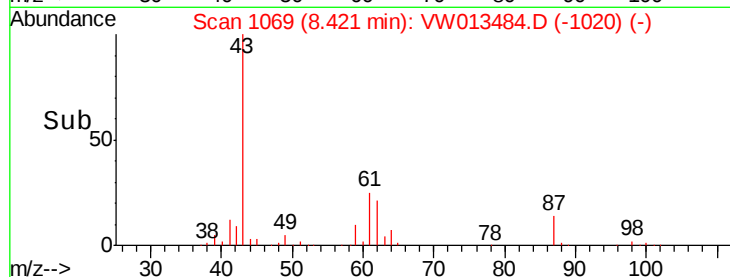
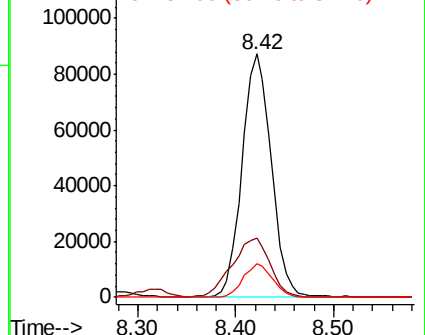
43 100

61 32.0 25.4 38.2

87 13.9 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.513 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013484.D

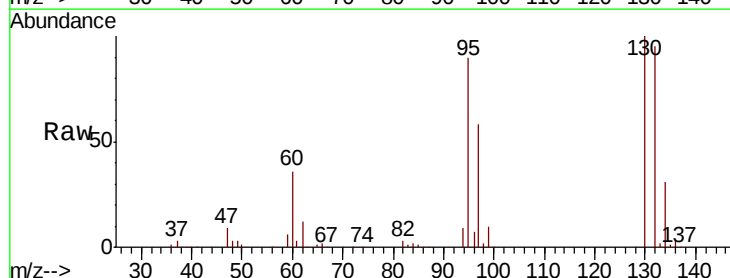
Acq: 08 Oct 2019 13:14

Tgt Ion:130 Resp: 182262

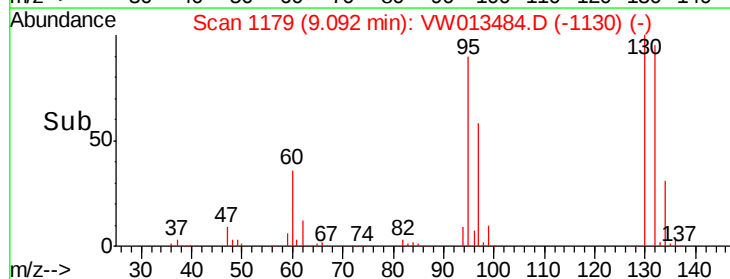
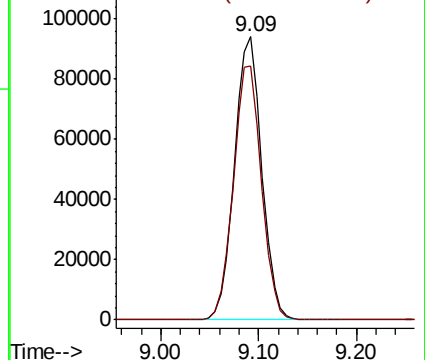
Ion Ratio Lower Upper

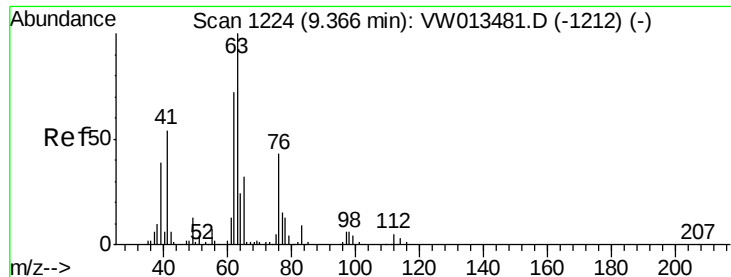
130 100

95 89.7 0.0 182.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 52.705 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

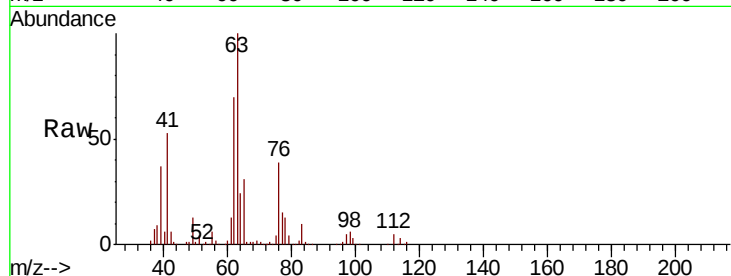
ClientSampled :

Tot Ion: 63 Resp: 153908

Ion Ratio Lower Upper

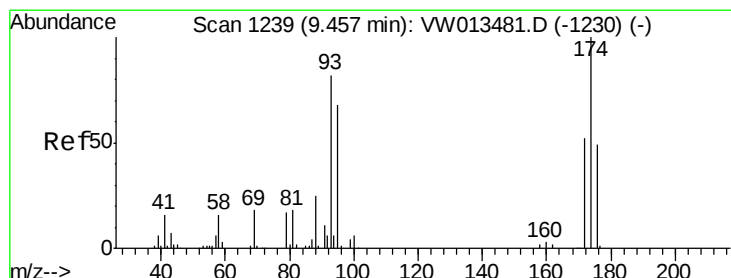
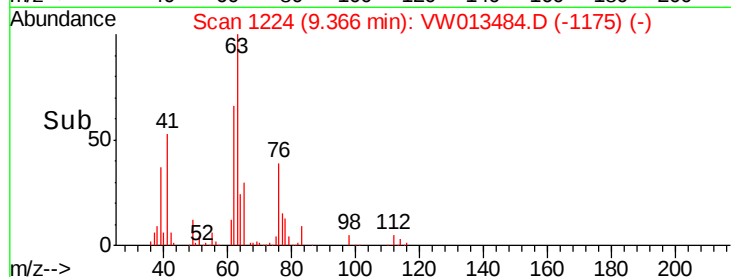
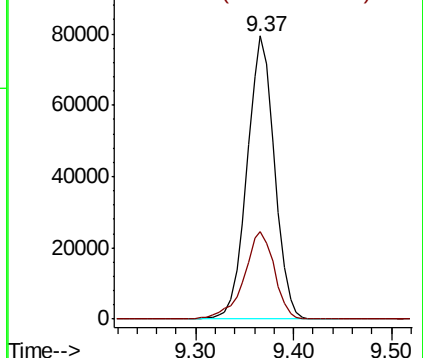
63 100

65 31.0 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 51.302 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

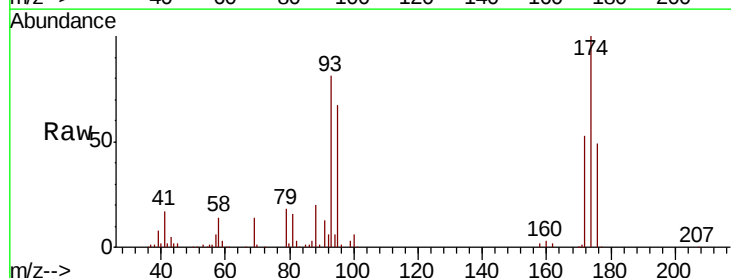
Tgt Ion: 93 Resp: 74632

Ion Ratio Lower Upper

93 100

95 83.1 68.0 102.0

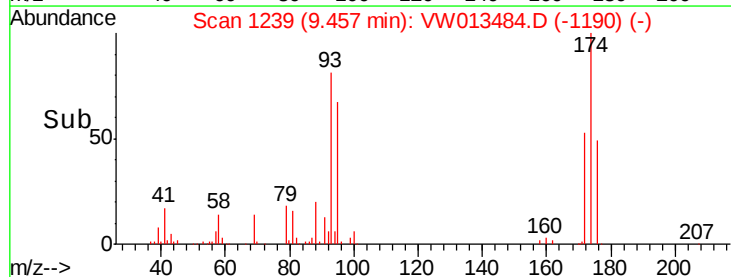
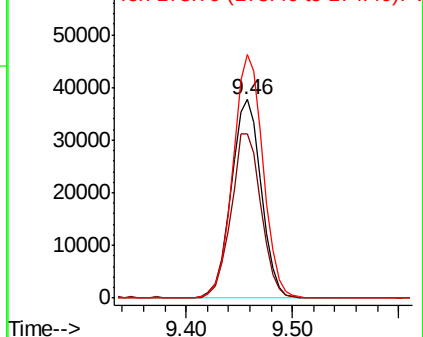
174 122.5 97.0 145.6

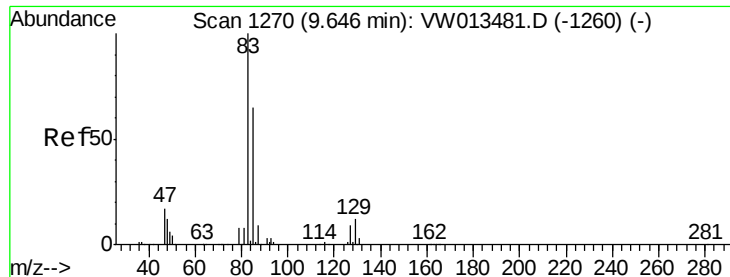


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

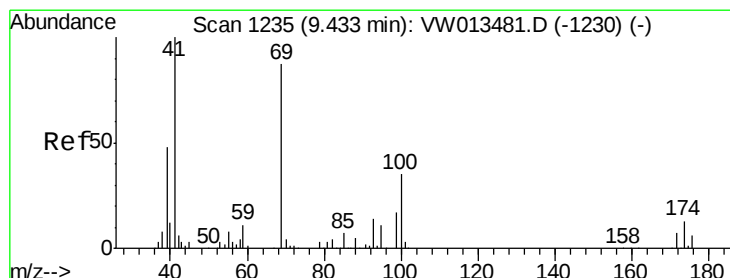
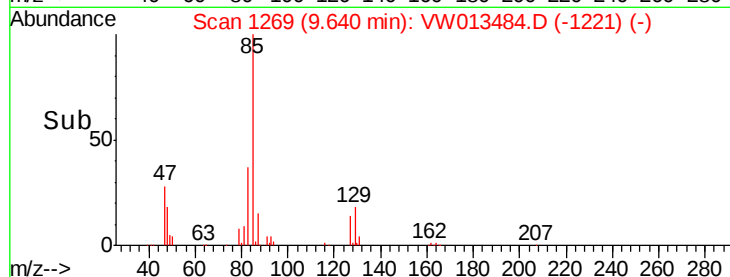
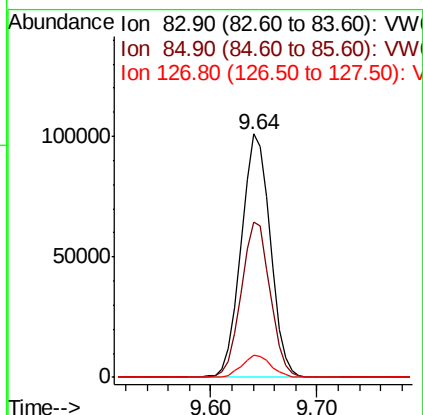
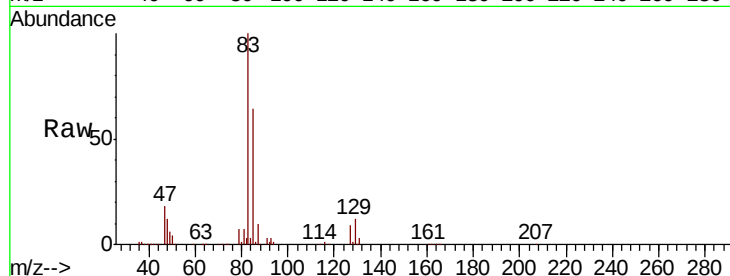




#47
Bromodichloromethane
Concen: 53.802 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

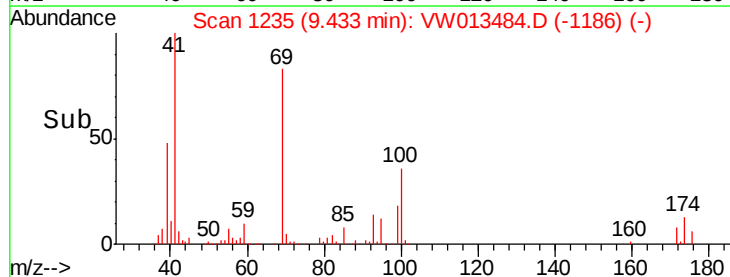
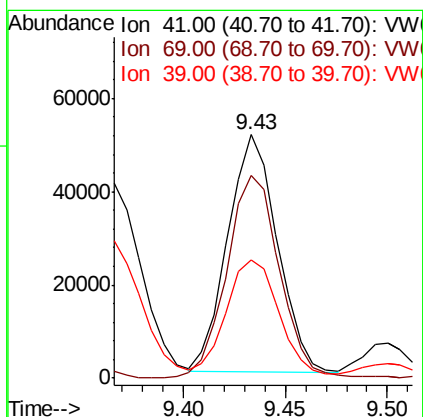
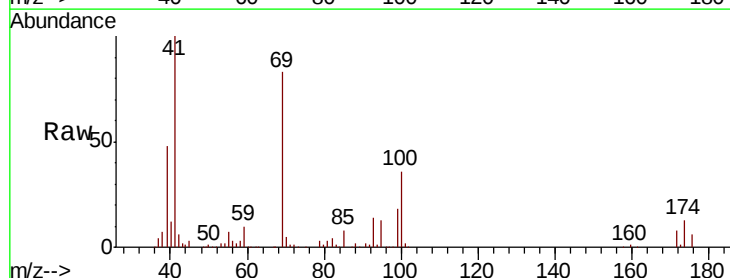
Instrument :
MSVOA_W
ClientSampled :

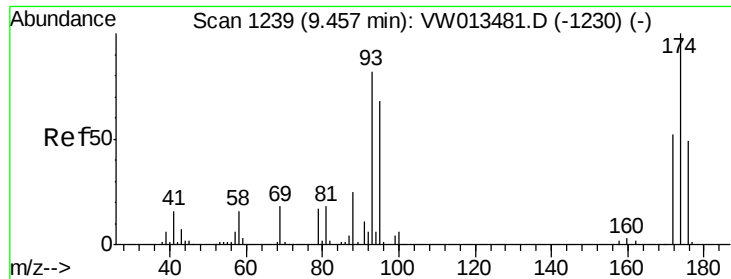
Tot Ion	83	Resp	194565
Ion Ratio	100		
Lower	51.9		
Upper	77.9		
85	63.6		
127	9.0		



#48
Methyl methacrylate
Concen: 48.842 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	41	Resp	85953
Ion Ratio	100		
Lower	70.4		
Upper	105.6		
69	91.4		
39	50.2		

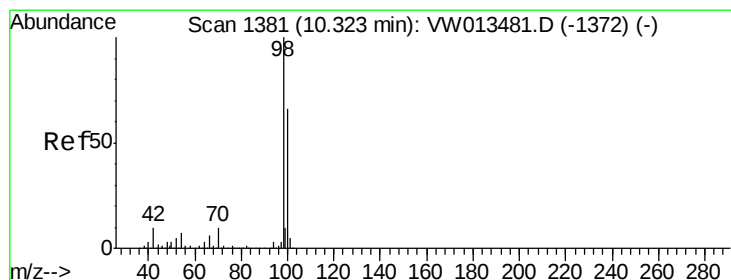
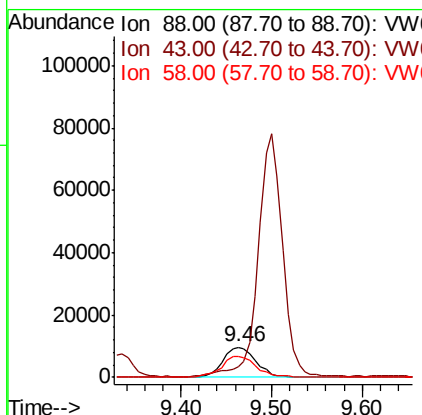
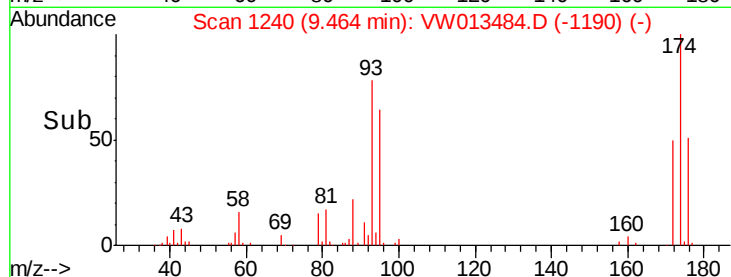
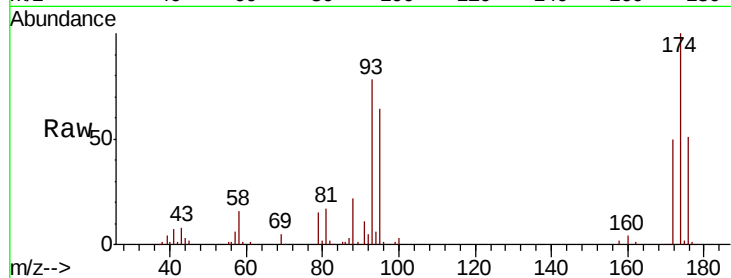




#49
1,4-Dioxane
Concen: 952.548 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

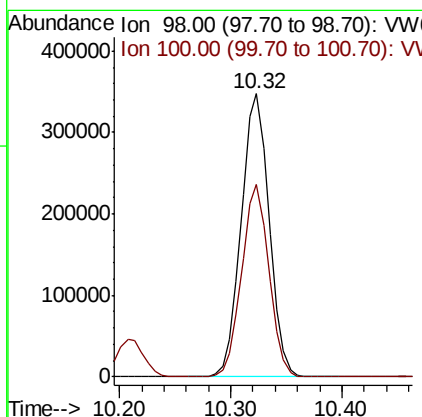
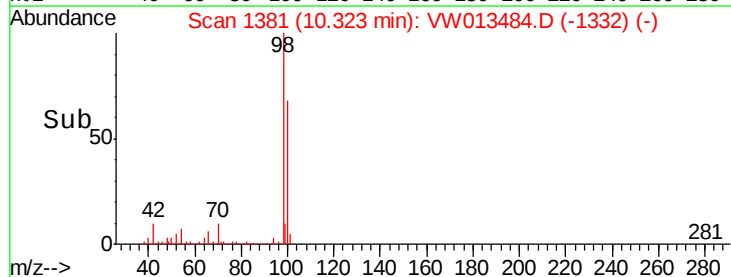
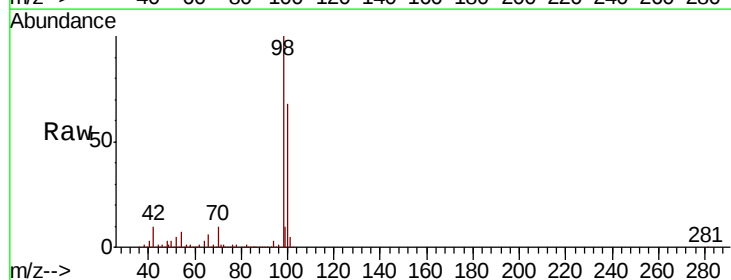
Instrument :
MSVOA_W
ClientSampled :

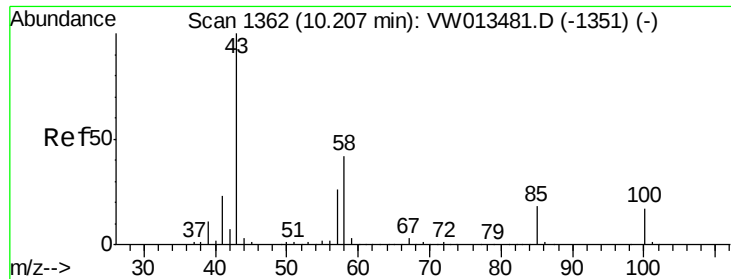
Tot Ion: 88 Resp: 24332
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.3 60.0 90.0



#50
Toluene-d8
Concen: 53.459 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 98 Resp: 604539
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 246.947 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

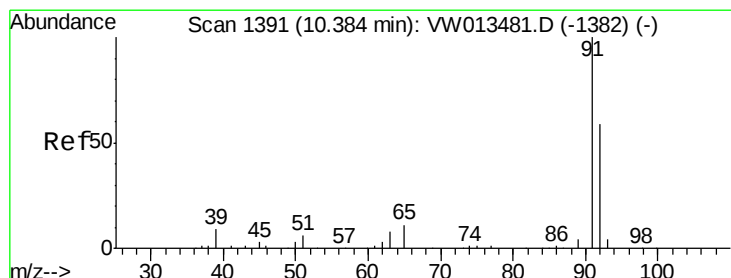
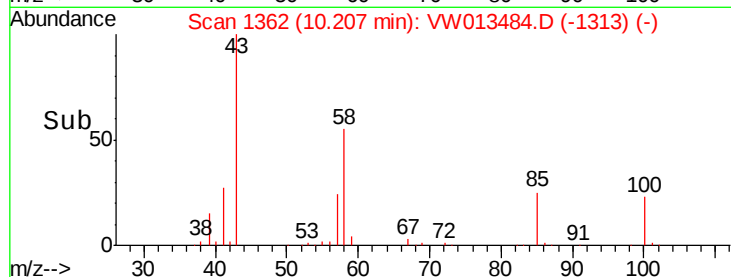
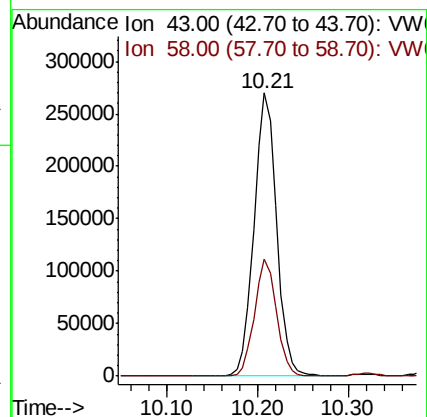
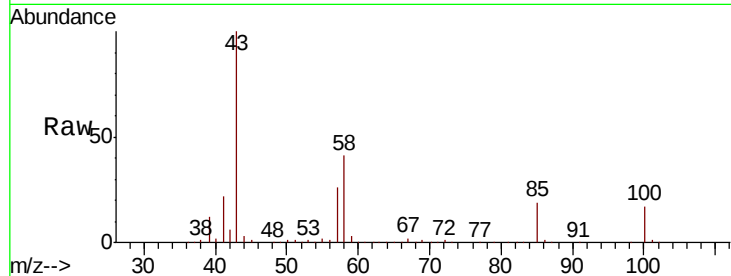
ClientSampled :

Tot Ion: 43 Resp: 463835

Ion Ratio Lower Upper

43 100

58 40.5 32.8 49.2



#52

Toluene

Concen: 52.436 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013484.D

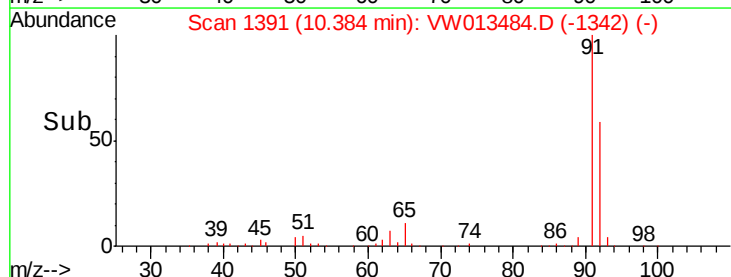
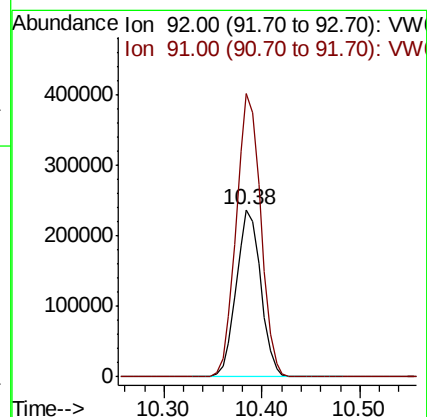
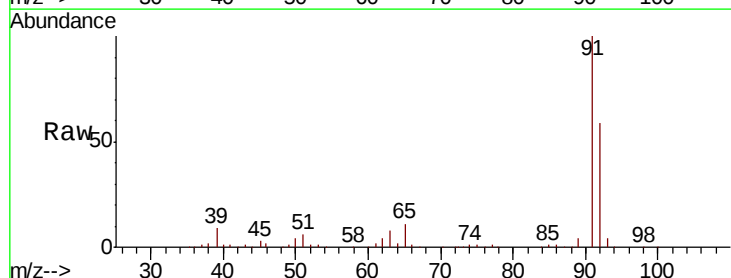
Acq: 08 Oct 2019 13:14

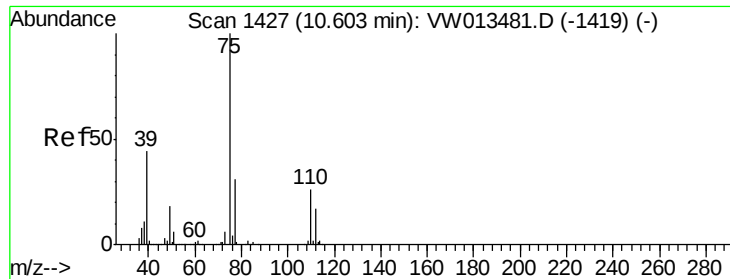
Tgt Ion: 92 Resp: 410942

Ion Ratio Lower Upper

92 100

91 170.4 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 53.722 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

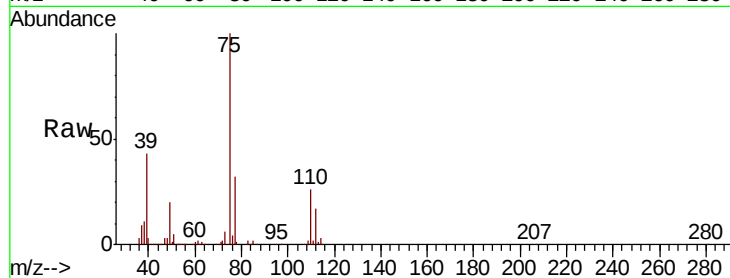
ClientSampled :

Tot Ion: 75 Resp: 201872

Ion Ratio Lower Upper

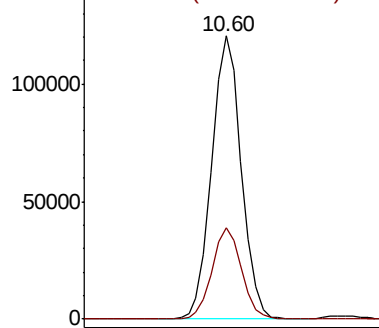
75 100

77 32.0 25.2 37.8

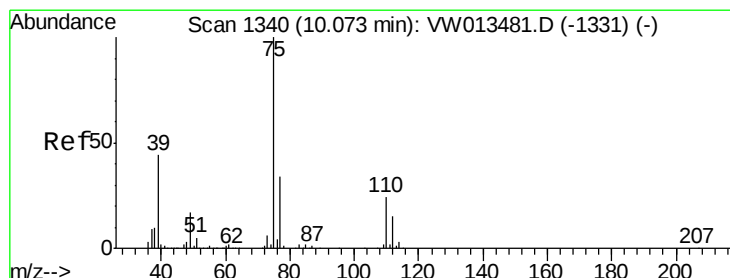
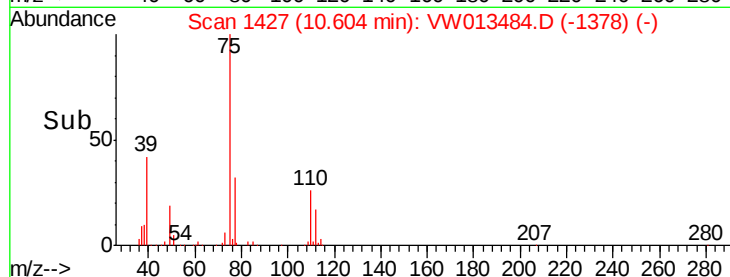


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 54.120 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

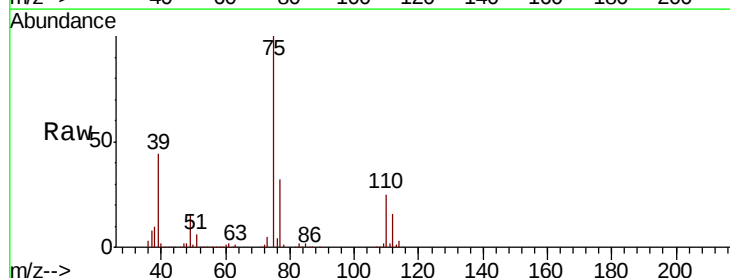
Tgt Ion: 75 Resp: 246382

Ion Ratio Lower Upper

75 100

77 32.1 27.0 40.4

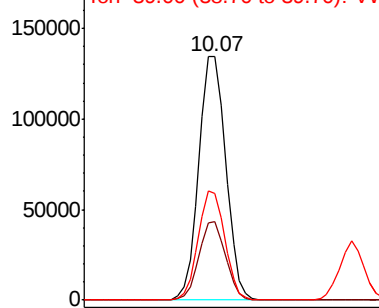
39 43.6 35.0 52.4



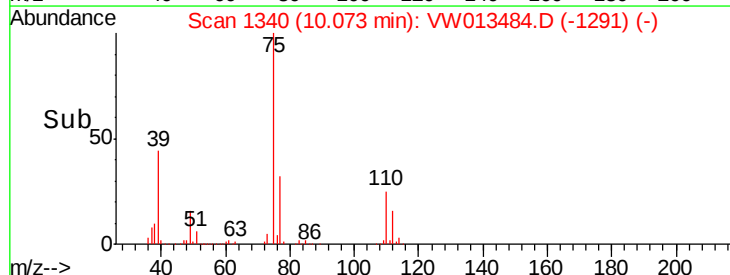
Abundance Ion 74.90 (74.60 to 75.60): VW

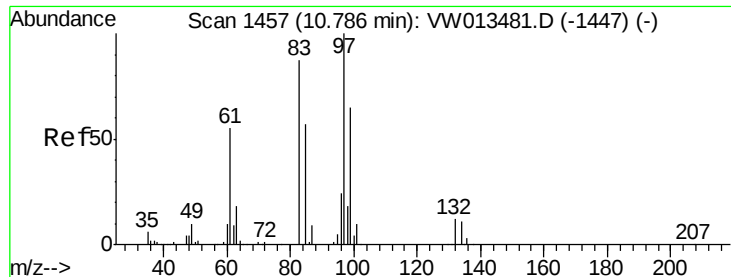
Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



Time--> 10.00 10.10 10.20





#55

1,1,2-Trichloroethane

Concen: 52.889 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

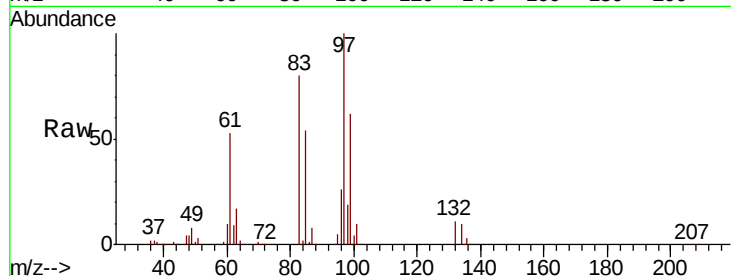
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 115490

Ion	Ratio	Lower	Upper
97	100		
83	79.7	69.8	104.8
85	54.2	45.4	68.0
99	61.7	51.9	77.9



Abundance

Ion 96.90 (96.60 to 97.60): VW

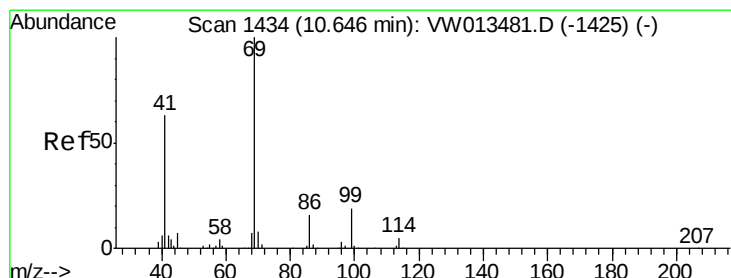
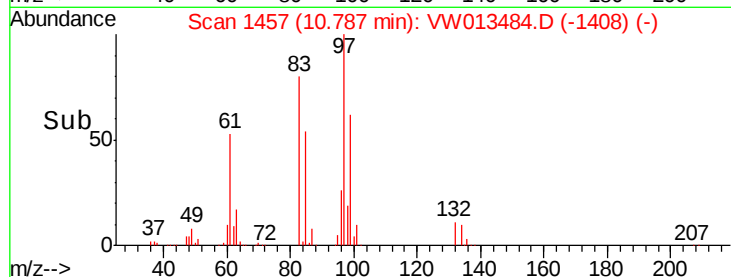
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

10.79

Time-->



#56

Ethyl methacrylate

Concen: 52.446 ug/l

RT: 10.65 min Scan# 1434

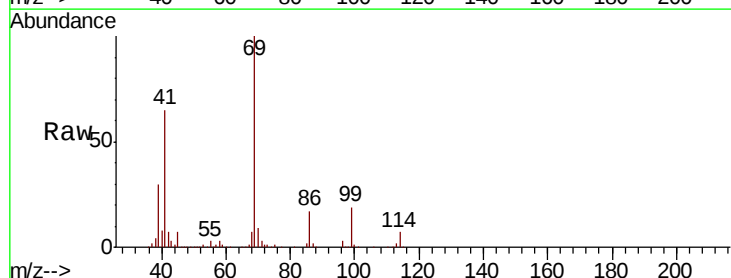
Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion: 69 Resp: 154243

Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.8	77.6
39	27.8	21.7	32.5



Abundance

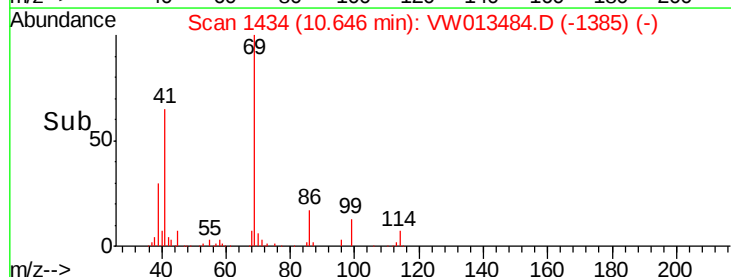
Ion 69.00 (68.70 to 69.70): VW

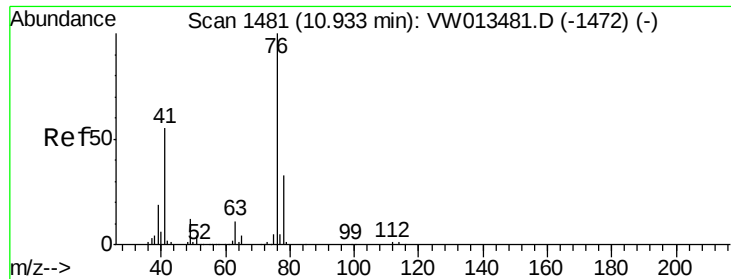
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

10.65

Time-->

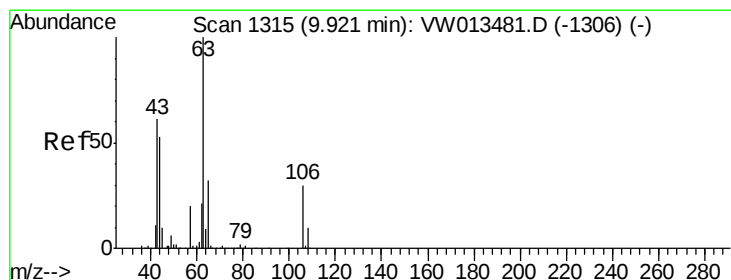
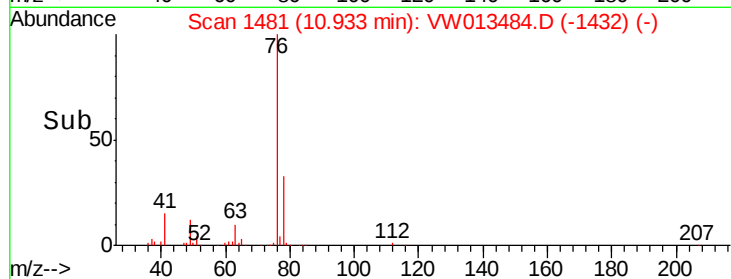
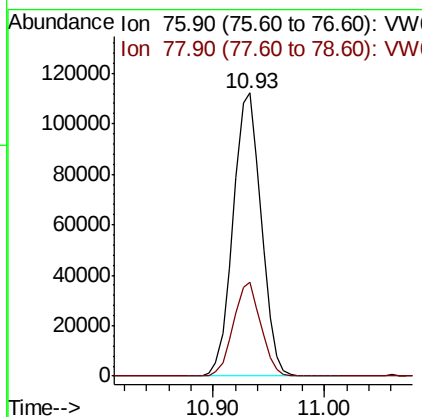
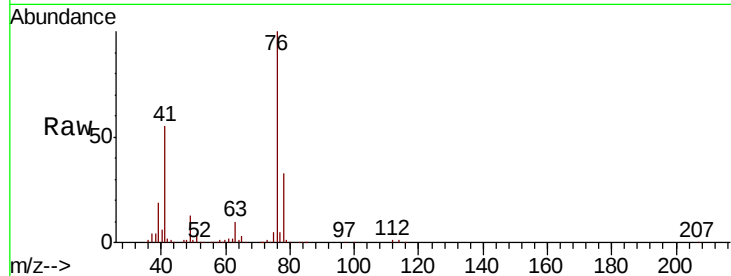




#57
 1,3-Dichloropropane
 Concen: 52.286 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

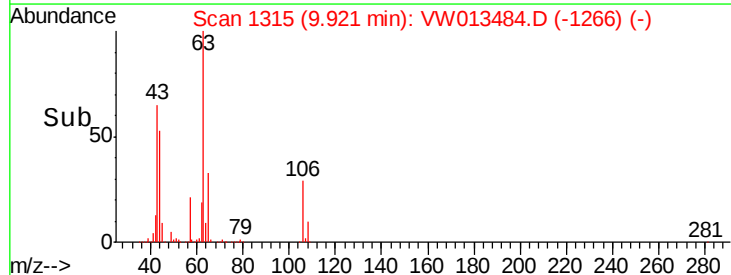
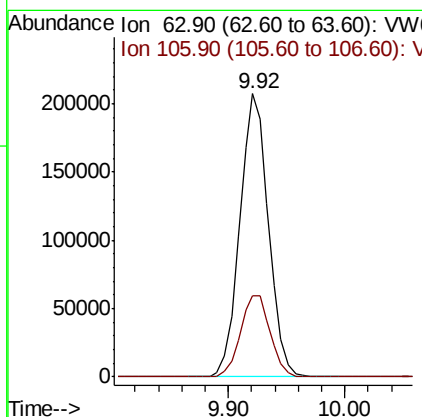
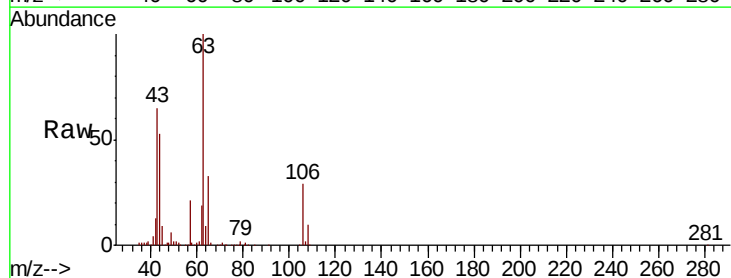
Instrument :
 MSVOA_W
 ClientSampled :

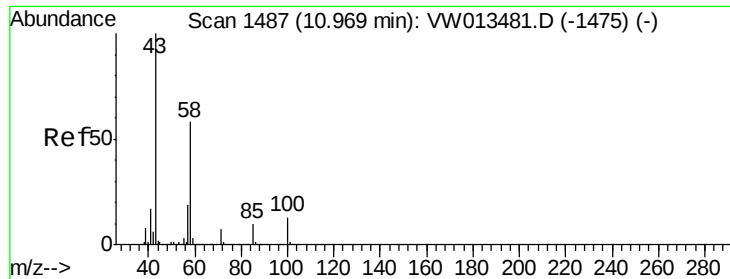
Tot Ion: 76 Resp: 196047
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.082 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion: 63 Resp: 352536
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.5 36.7





#59

2-Hexanone

Concen: 254.463 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

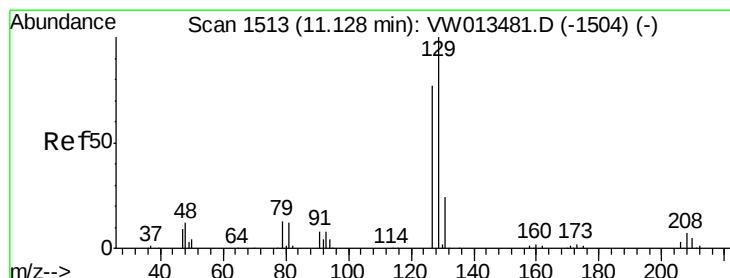
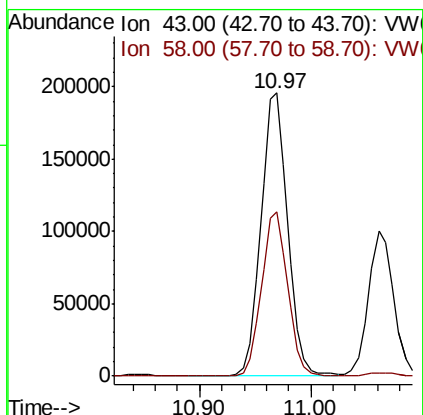
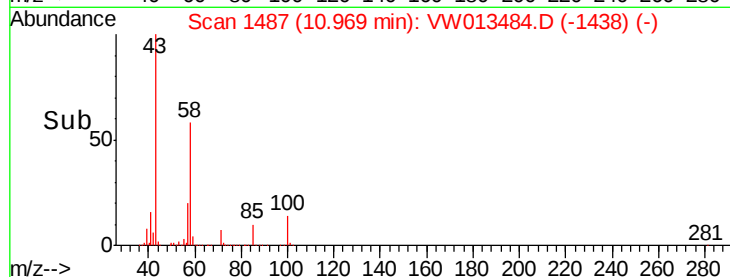
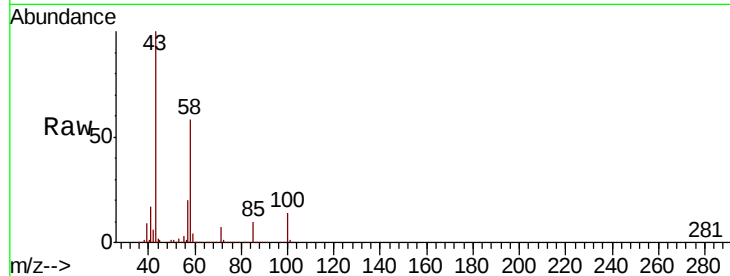
ClientSampleId :

Tot Ion: 43 Resp: 327742

Ion Ratio Lower Upper

43 100

58 57.1 28.4 85.2



#60

Dibromochloromethane

Concen: 53.905 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW013484.D

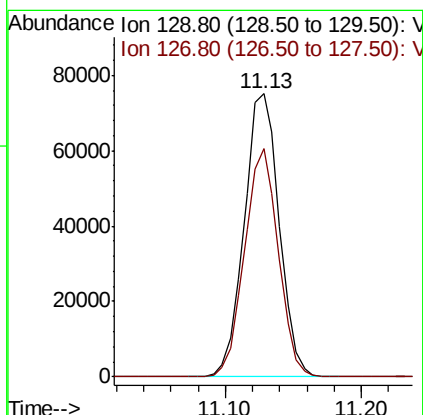
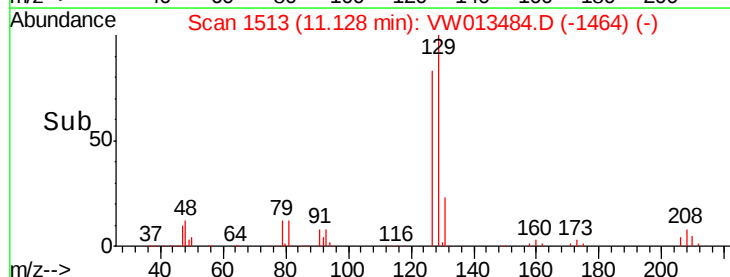
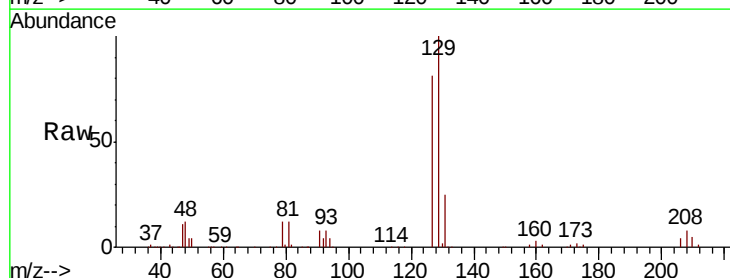
Acq: 08 Oct 2019 13:14

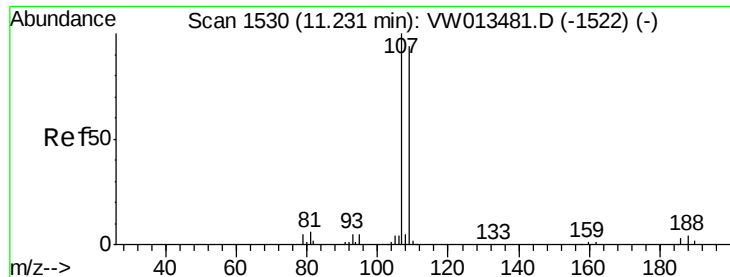
Tgt Ion:129 Resp: 135363

Ion Ratio Lower Upper

129 100

127 77.8 37.4 112.1





#61

1,2-Dibromoethane

Concen: 52.234 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

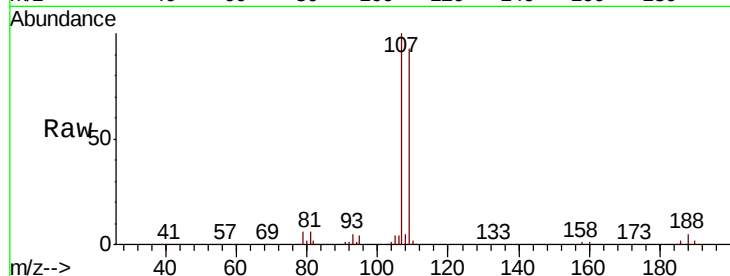
ClientSampleId :

Tot Ion: 107 Resp: 108486

Ion Ratio Lower Upper

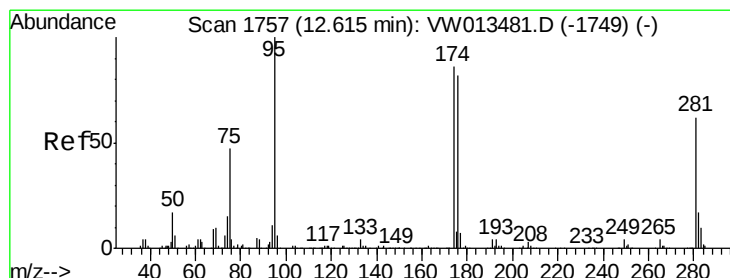
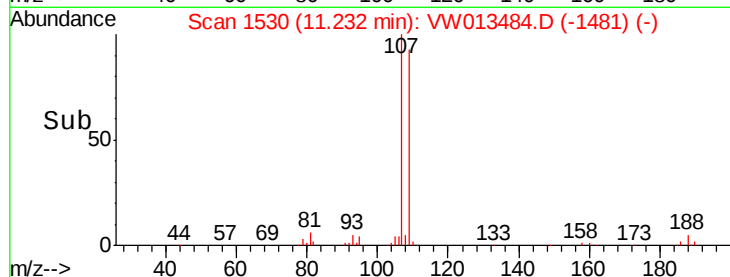
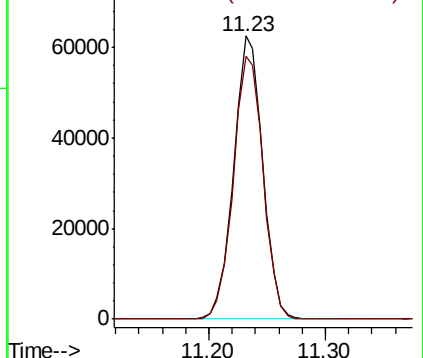
107 100

109 95.3 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.117 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

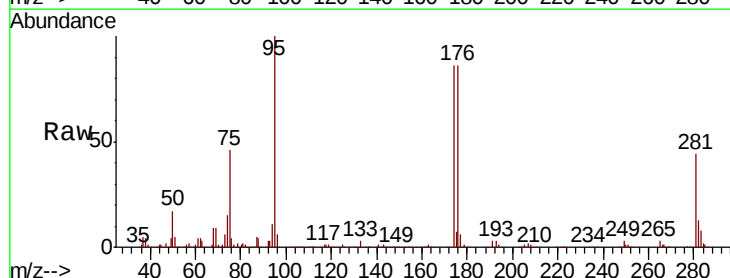
Tgt Ion: 95 Resp: 205586

Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.4

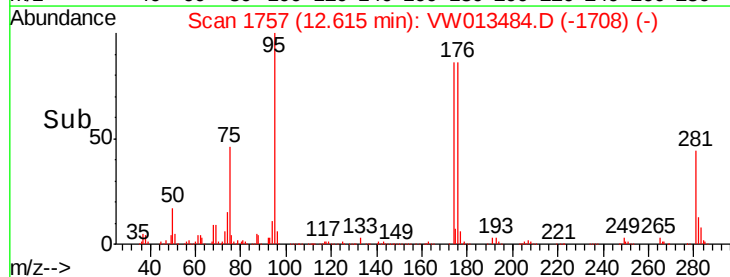
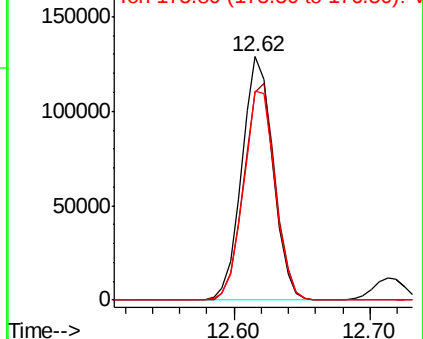
176 88.0 0.0 173.4

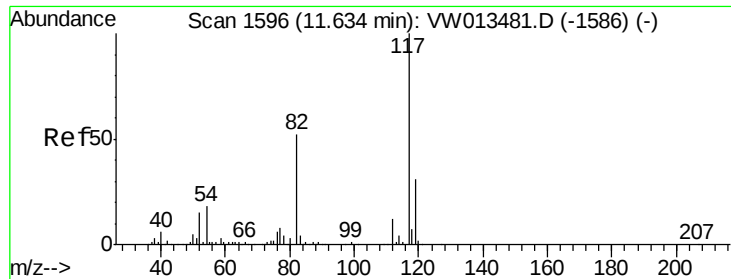


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

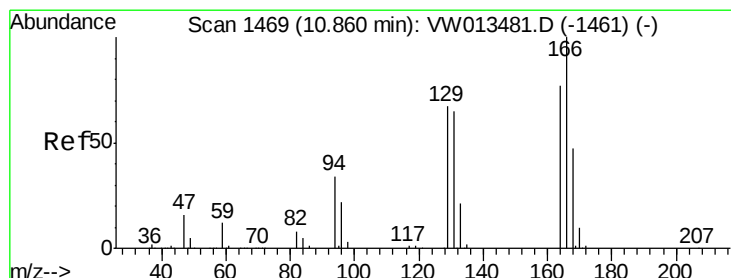
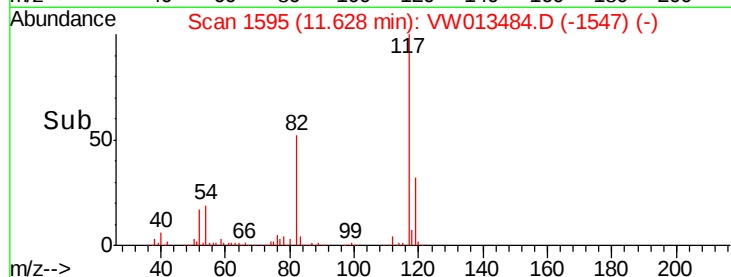
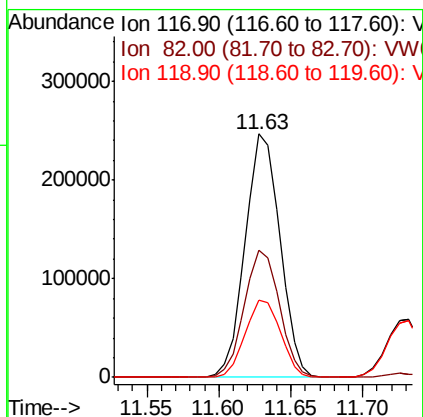
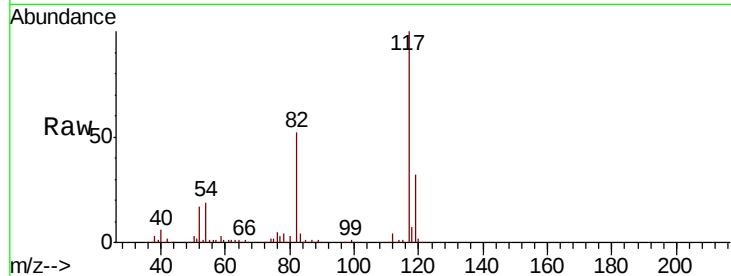




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

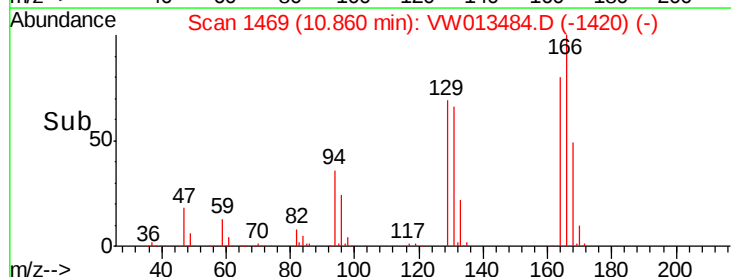
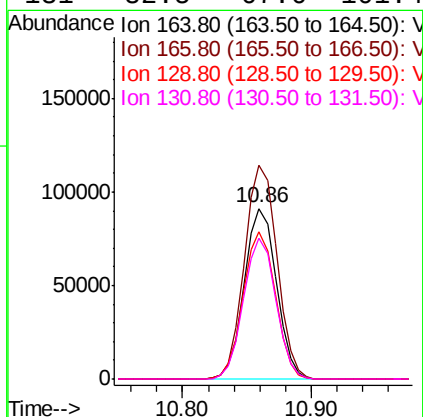
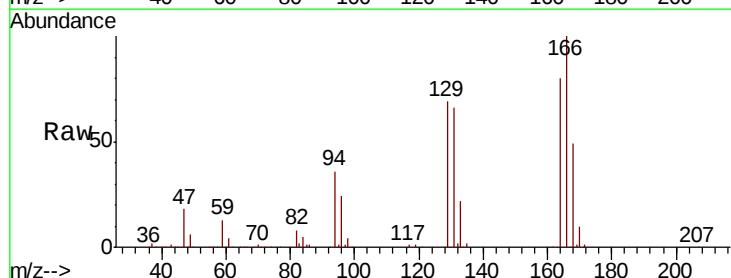
Instrument :
MSVOA_W
ClientSampleId :

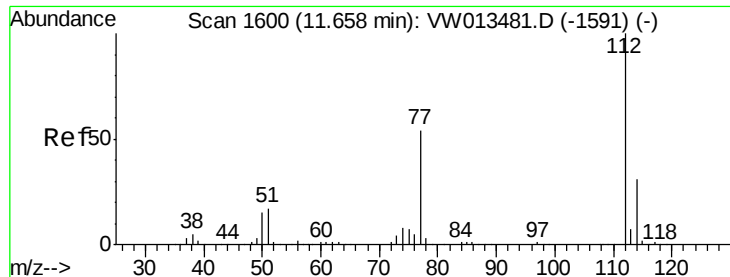
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.4	62.2
119	31.9	25.1	37.7



#64
Tetrachloroethene
Concen: 51.625 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	104.6	156.8
129	86.1	70.2	105.2
131	82.5	67.6	101.4

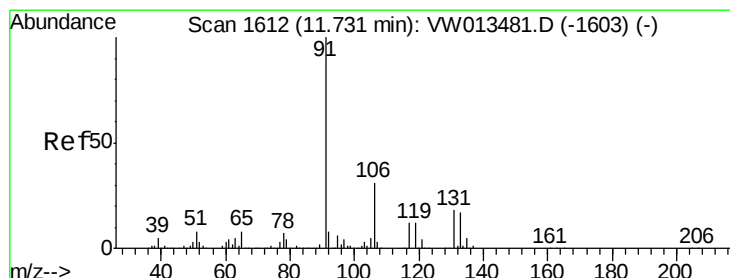
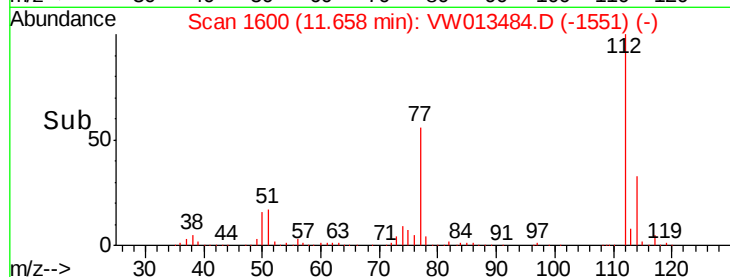
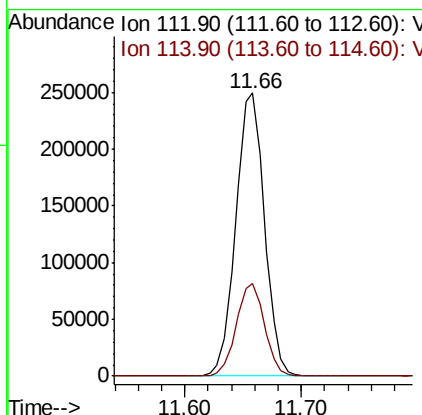
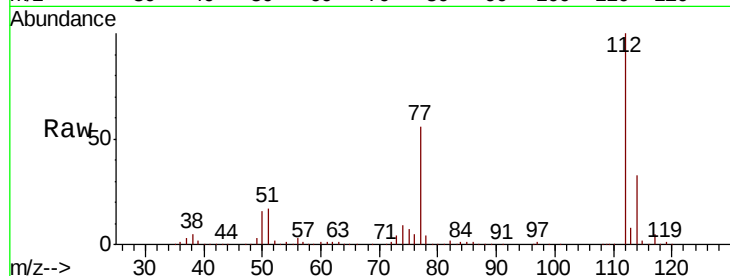




#65
Chlorobenzene
Concen: 51.953 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

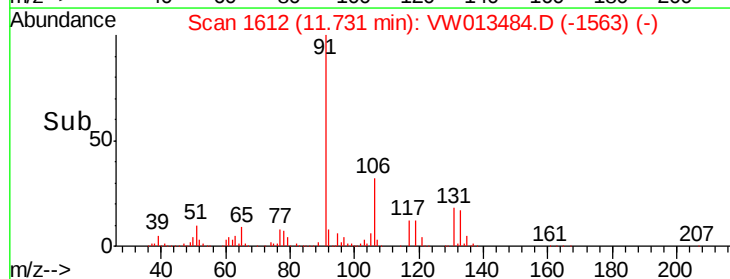
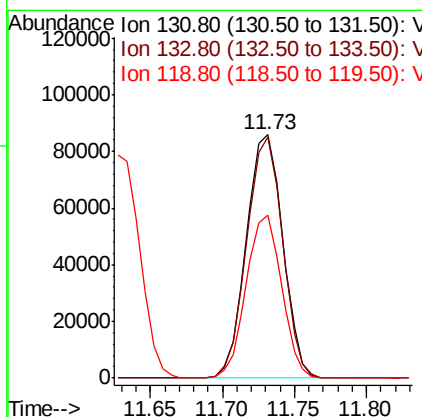
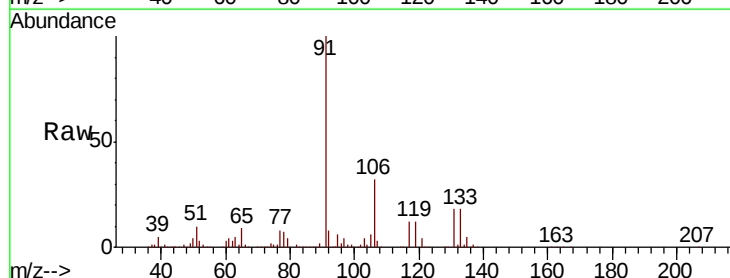
Instrument :
MSVOA_W
ClientSampleId :

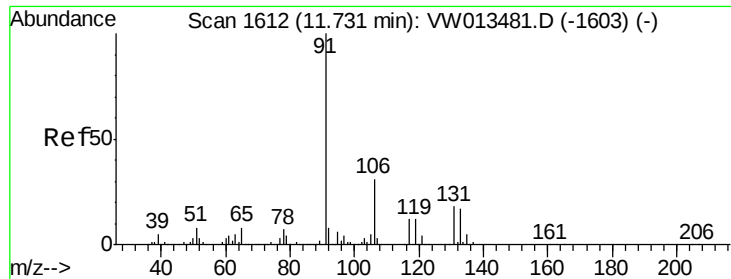
Tot Ion:112 Resp: 427729
Ion Ratio Lower Upper
112 100
114 32.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.578 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion:131 Resp: 150367
Ion Ratio Lower Upper
131 100
133 97.3 47.6 142.9
119 65.4 32.6 98.0

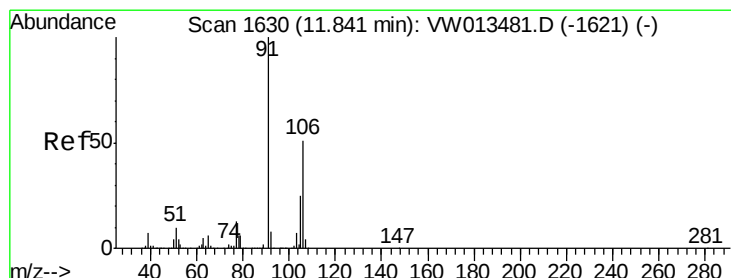
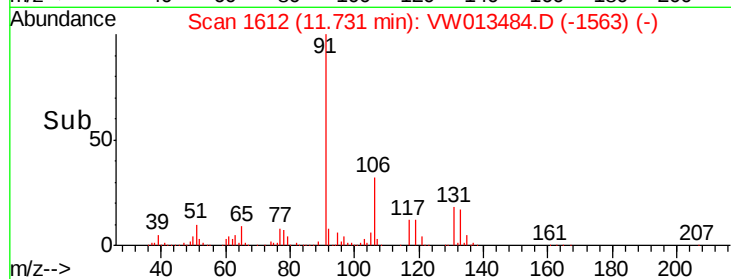
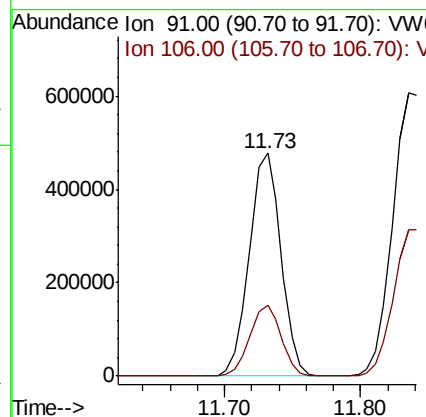
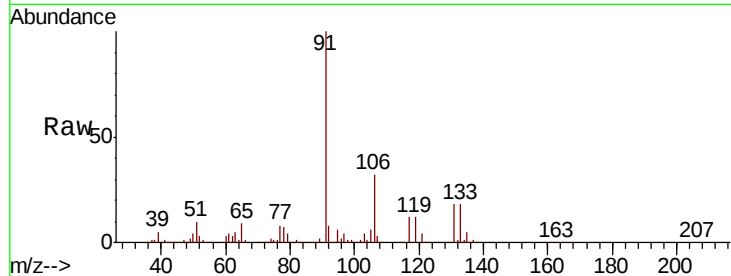




#67
Ethyl Benzene
Concen: 51.829 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

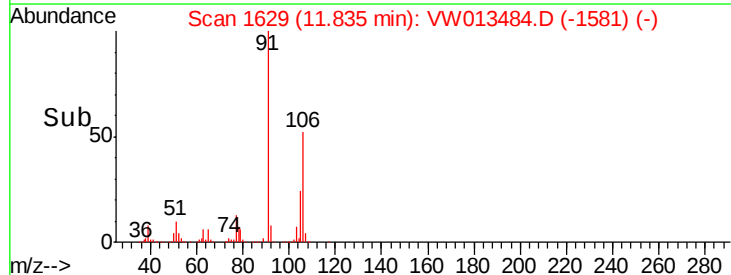
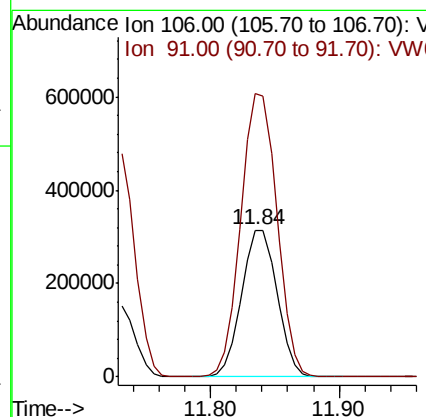
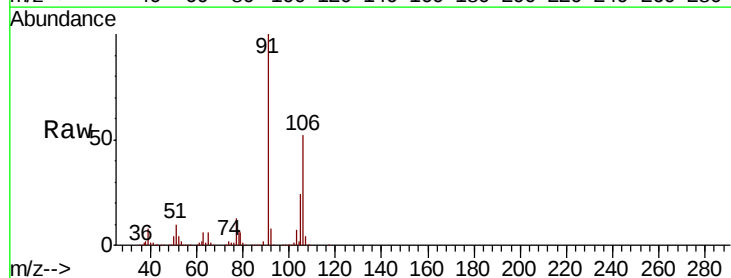
Instrument :
MSVOA_W
ClientSampleId :

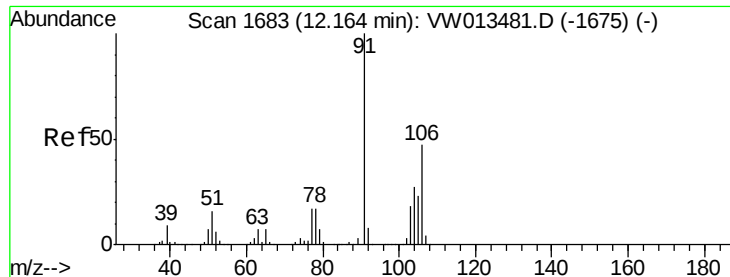
Tot Ion: 91 Resp: 779926
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2



#68
m/p-Xylenes
Concen: 104.763 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 106 Resp: 599823
Ion Ratio Lower Upper
106 100
91 196.0 156.2 234.4

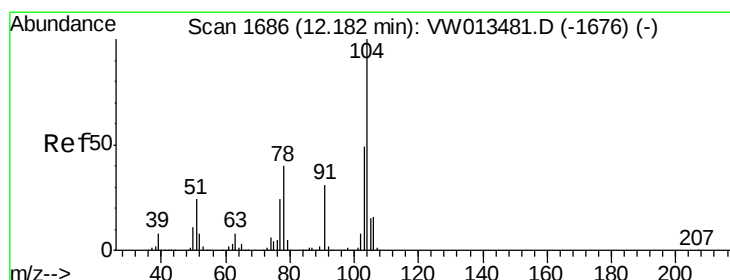
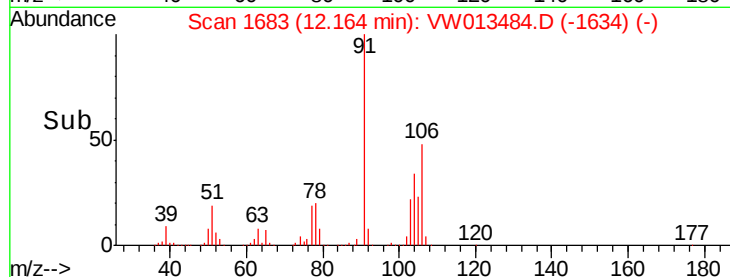
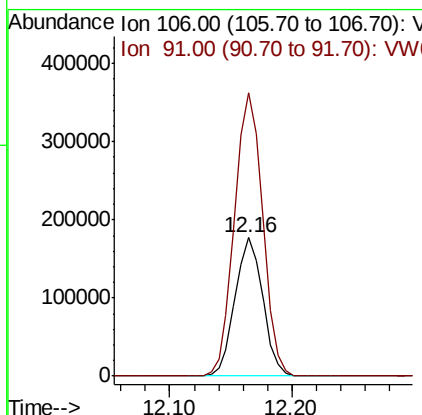
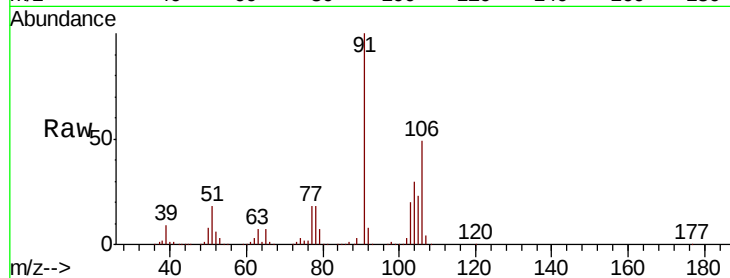




#69
o-Xylene
Concen: 52.392 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

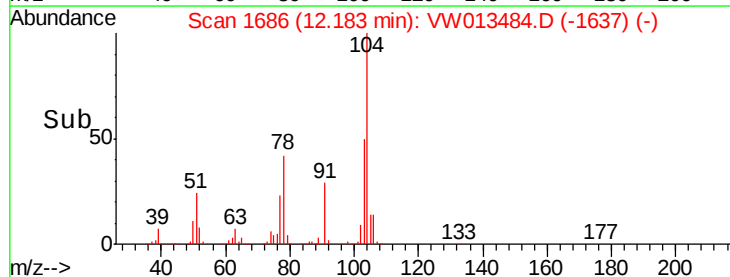
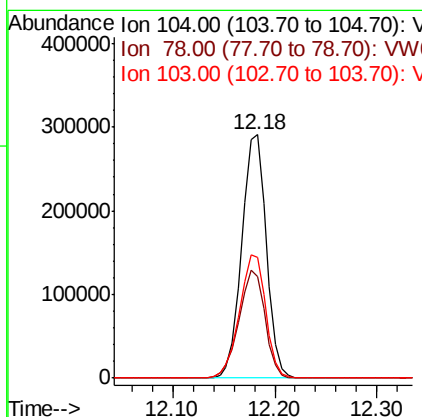
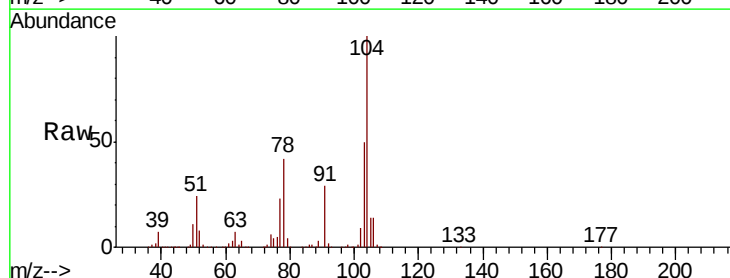
Instrument :
MSVOA_W
ClientSampled :

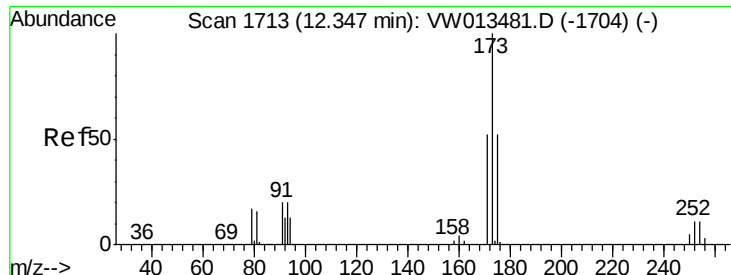
Tot Ion:106 Resp: 277144
Ion Ratio Lower Upper
106 100
91 208.7 105.0 315.0



#70
Styrene
Concen: 53.428 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion:104 Resp: 485268
Ion Ratio Lower Upper
104 100
78 46.9 37.1 55.7
103 54.1 43.2 64.8





#71

Bromoform

Concen: 52.362 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

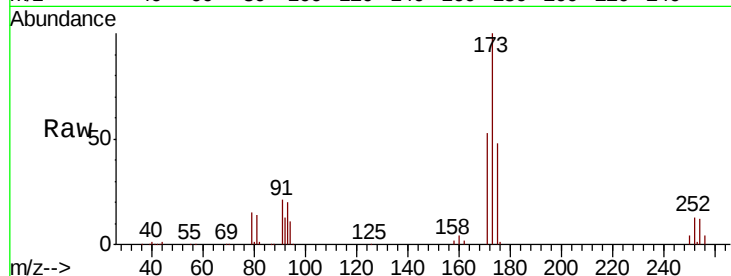
Tot Ion:173 Resp: 82160

Ion Ratio Lower Upper

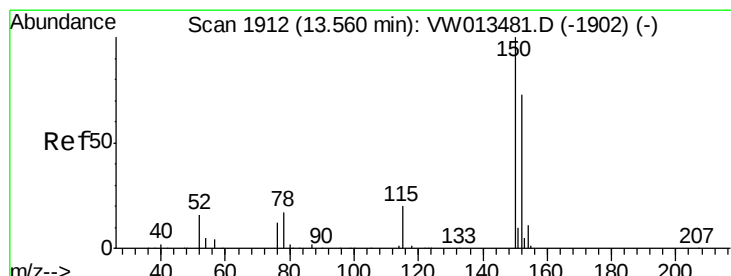
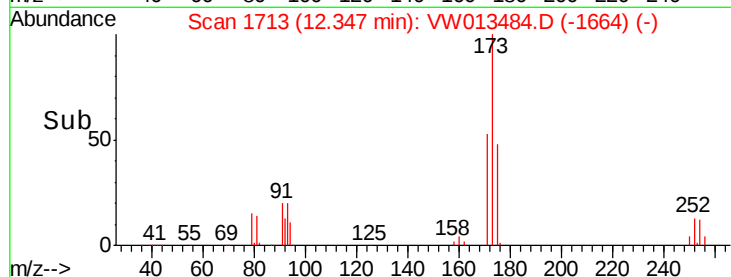
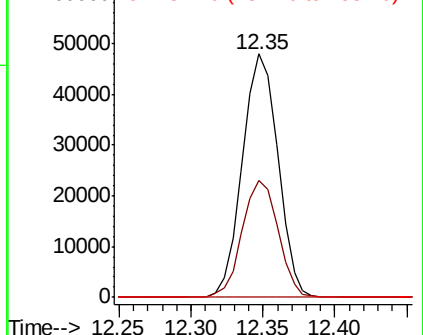
173 100

175 48.8 24.4 73.4

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

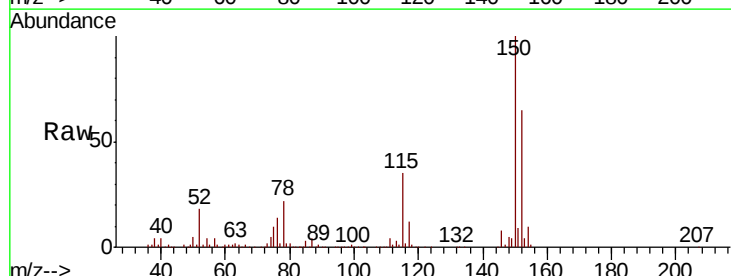
Tgt Ion:152 Resp: 211568

Ion Ratio Lower Upper

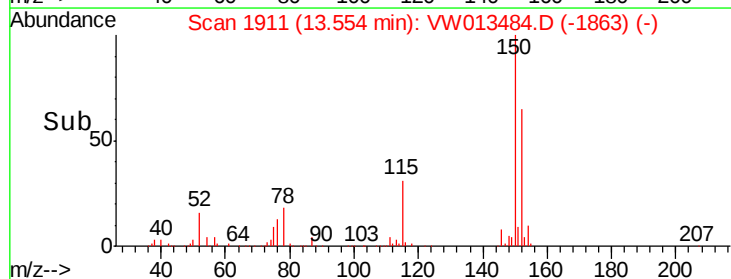
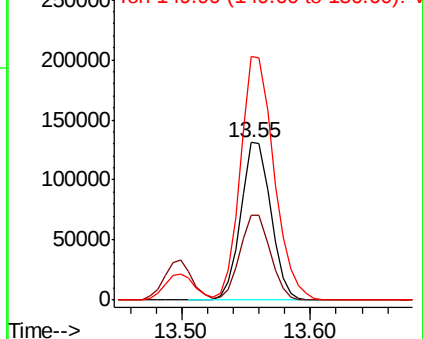
152 100

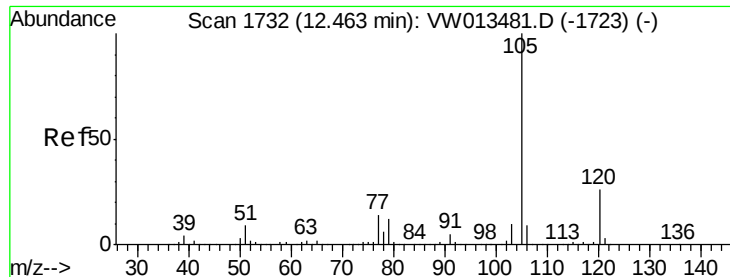
115 54.5 27.0 81.0

150 172.7 0.0 337.4



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





#73

Isopropylbenzene

Concen: 51.111 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

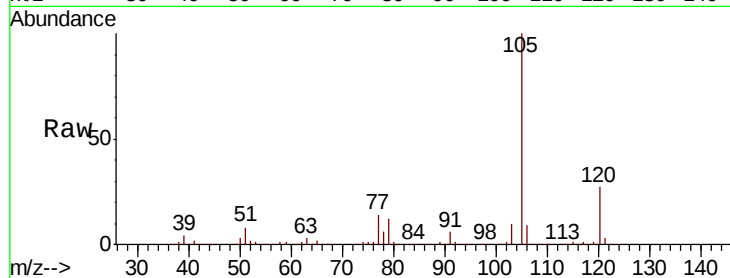
ClientSampled :

Tot Ion: 105 Resp: 774566

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

500000

400000

300000

200000

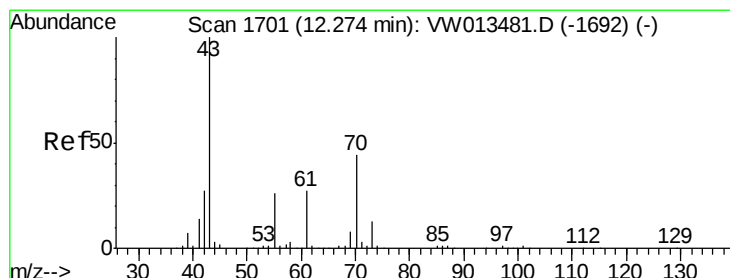
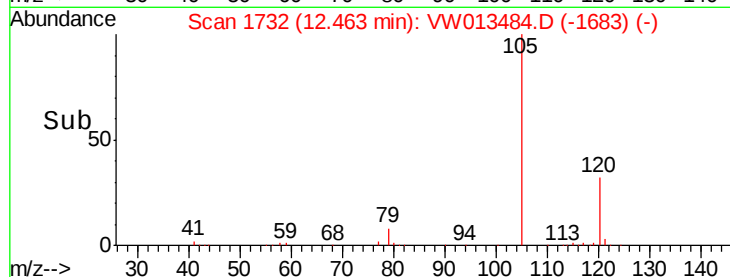
100000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 51.241 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion: 43 Resp: 169835

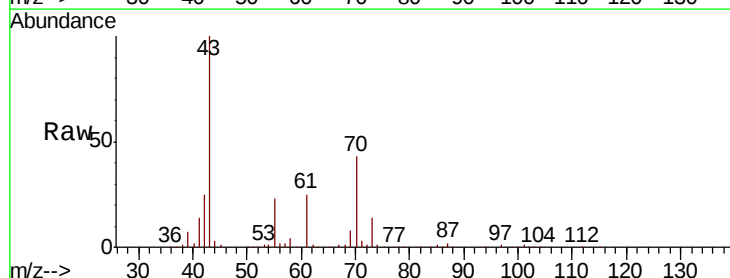
Ion Ratio Lower Upper

43 100

70 44.7 35.3 52.9

55 24.3 20.0 30.0

61 25.4 21.2 31.8



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

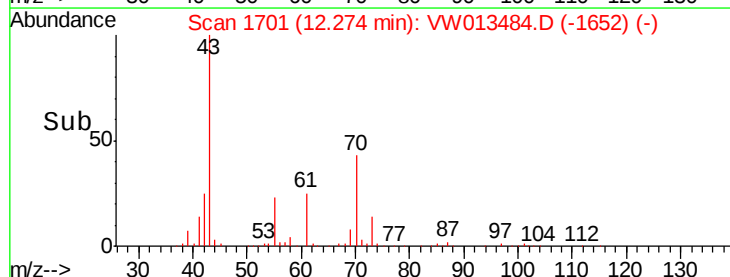
0

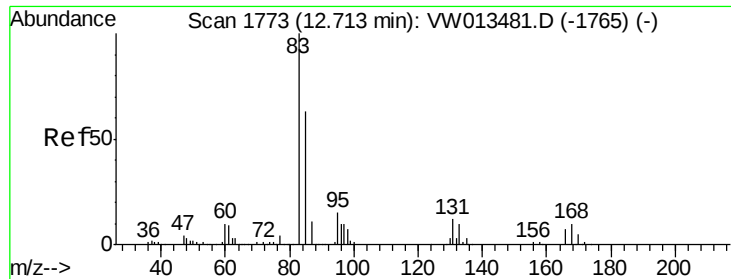
Time-->

12.20

12.30

12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 49.140 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

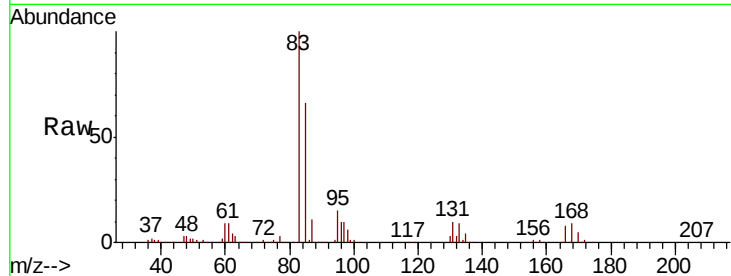
Tot Ion: 83 Resp: 126932

Ion Ratio Lower Upper

83 100

131 10.5 5.9 17.7

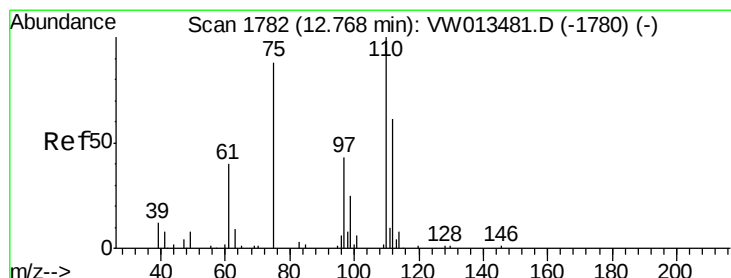
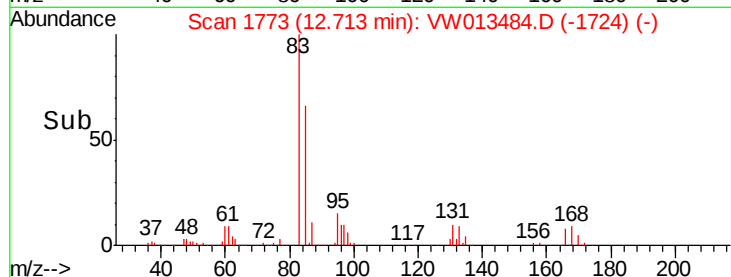
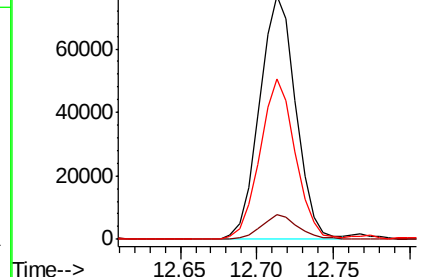
85 64.3 32.5 97.4



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: 93.442 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013484.D

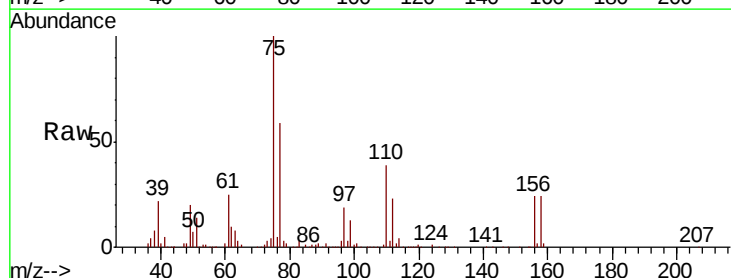
Acq: 08 Oct 2019 13:14

Tgt Ion: 75 Resp: 164650

Ion Ratio Lower Upper

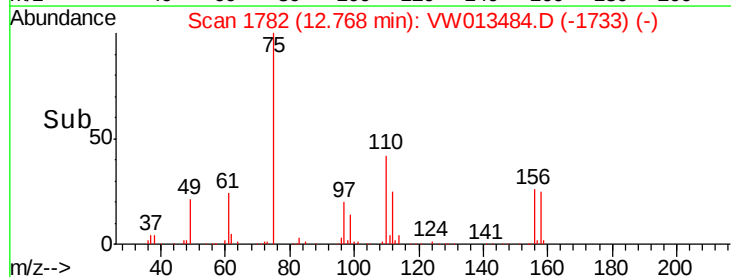
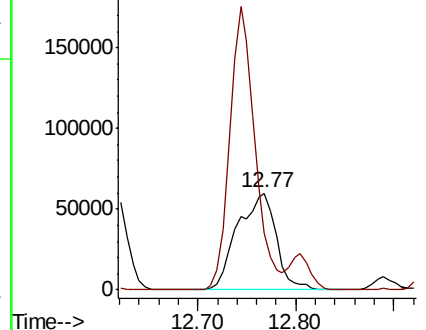
75 100

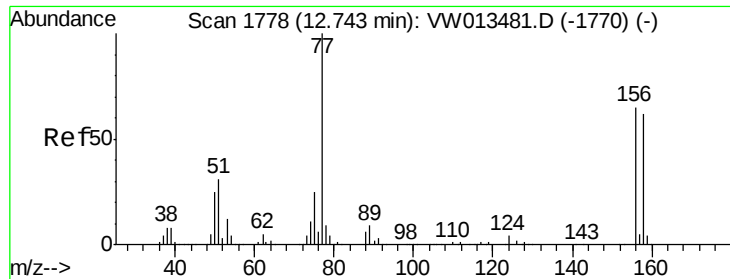
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.248 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

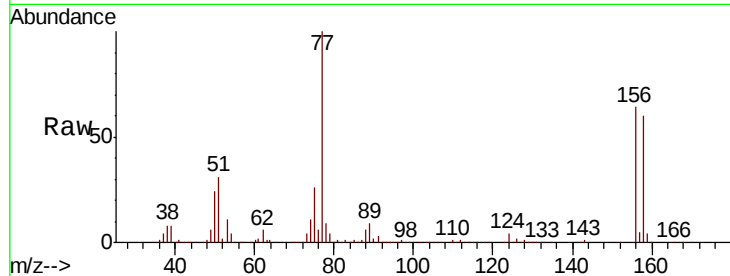
Tot Ion:156 Resp: 184092

Ion Ratio Lower Upper

156 100

77 170.9 83.7 251.0

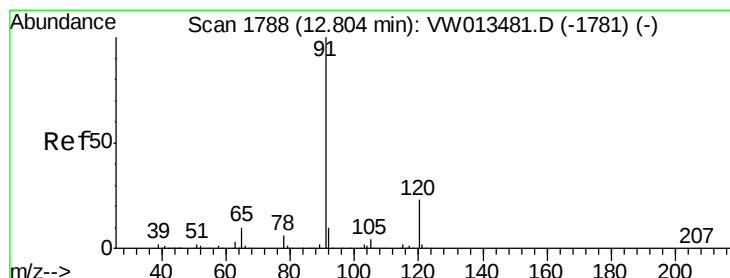
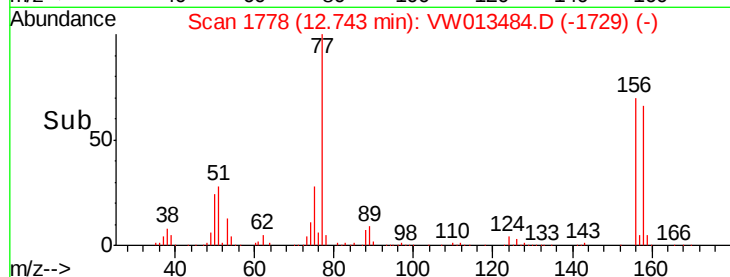
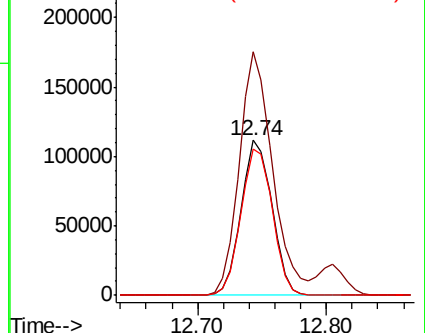
158 96.5 49.0 147.0



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: 51.987 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013484.D

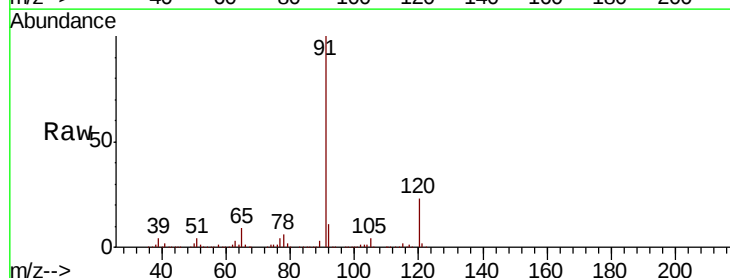
Acq: 08 Oct 2019 13:14

Tgt Ion: 91 Resp: 911043

Ion Ratio Lower Upper

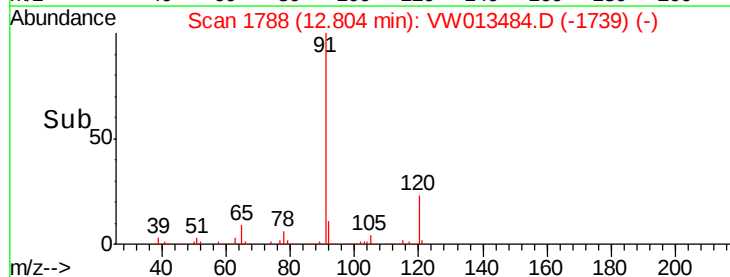
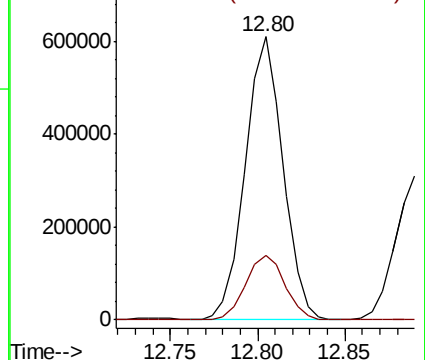
91 100

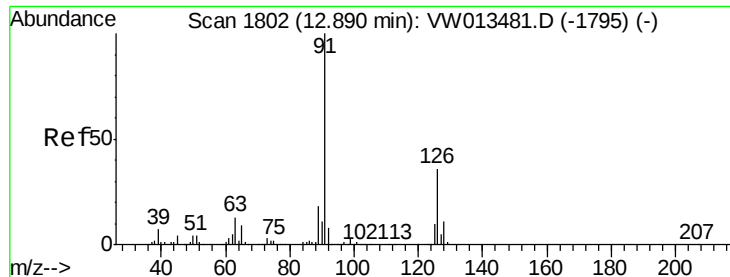
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.206 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

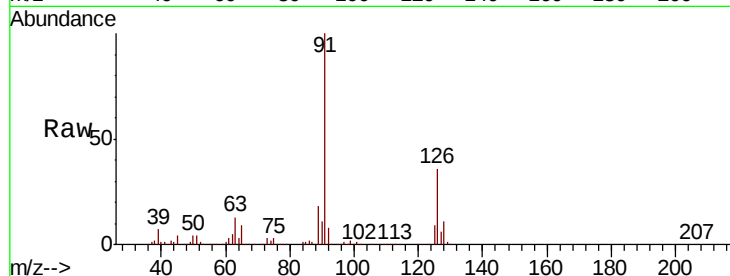
ClientSampled :

Tot Ion: 91 Resp: 502744

Ion Ratio Lower Upper

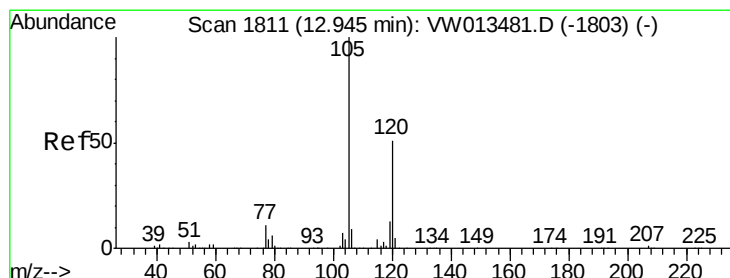
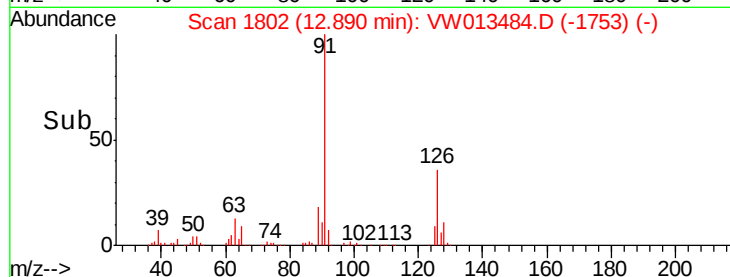
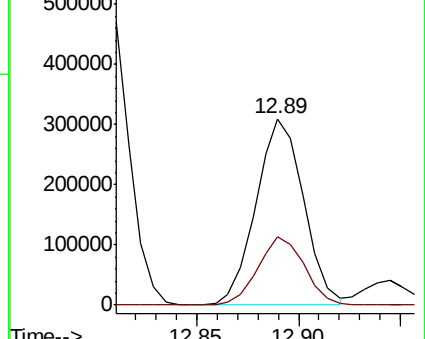
91 100

126 35.7 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.617 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013484.D

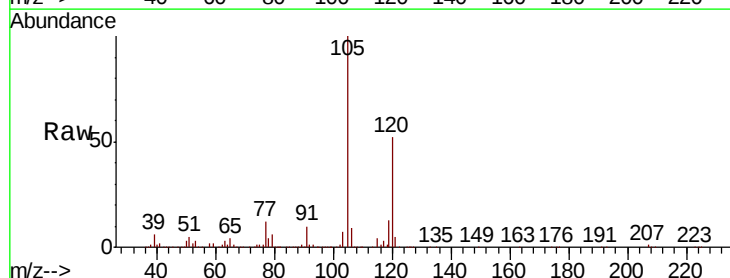
Acq: 08 Oct 2019 13:14

Tgt Ion:105 Resp: 649957

Ion Ratio Lower Upper

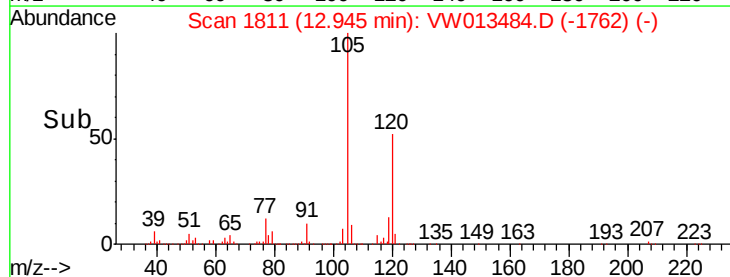
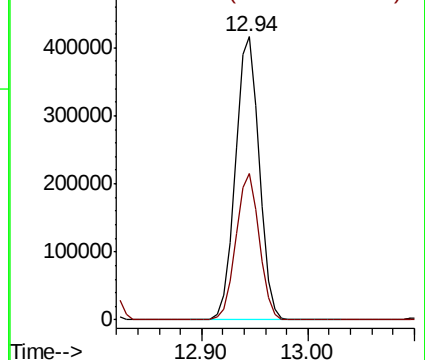
105 100

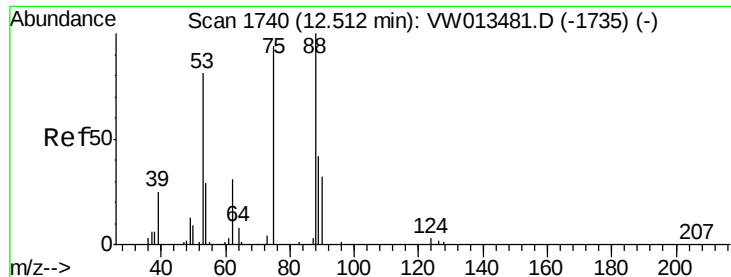
120 51.0 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.671 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

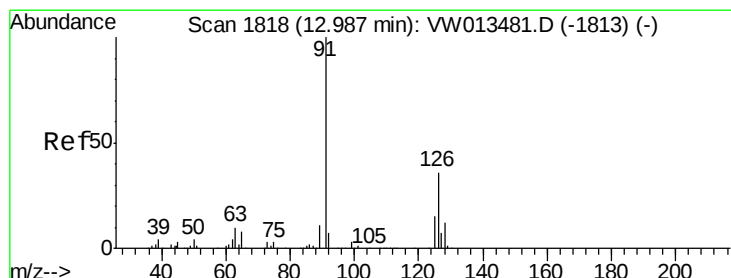
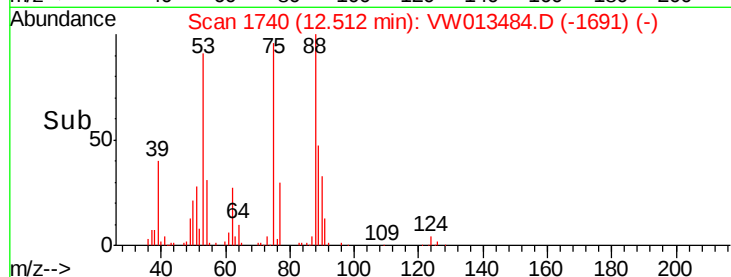
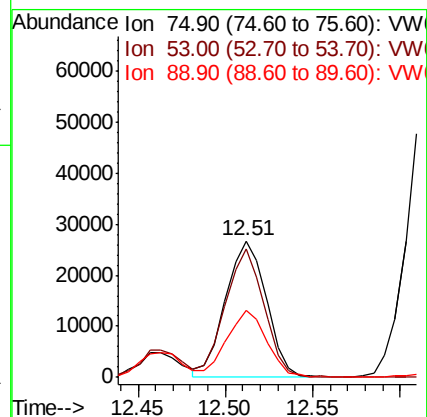
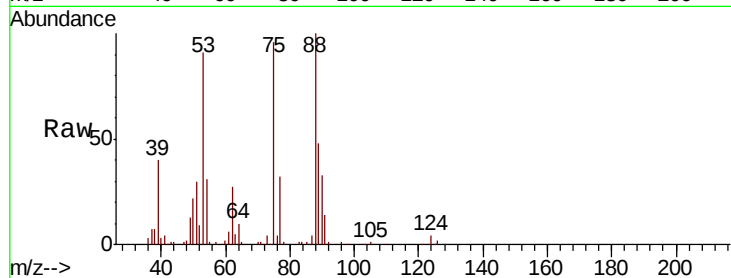
Tot Ion: 75 Resp: 42816

Ion Ratio Lower Upper

75 100

53 91.1 71.0 106.6

89 48.1 36.1 54.1



#82

4-Chlorotoluene

Concen: 51.884 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013484.D

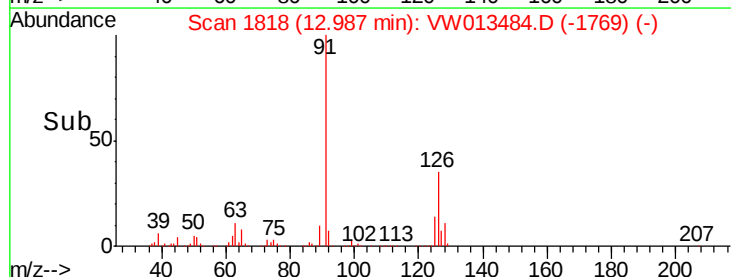
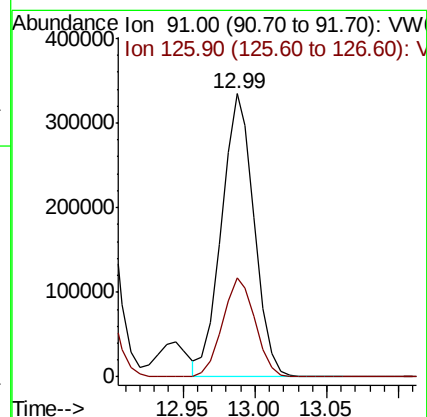
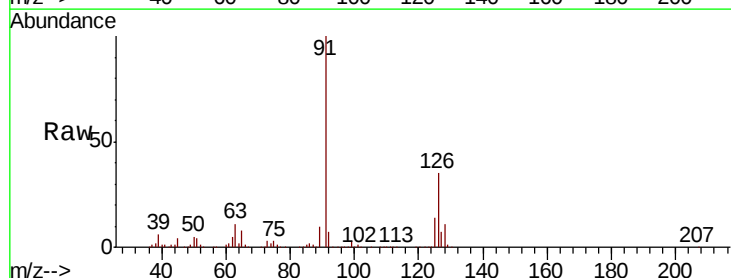
Acq: 08 Oct 2019 13:14

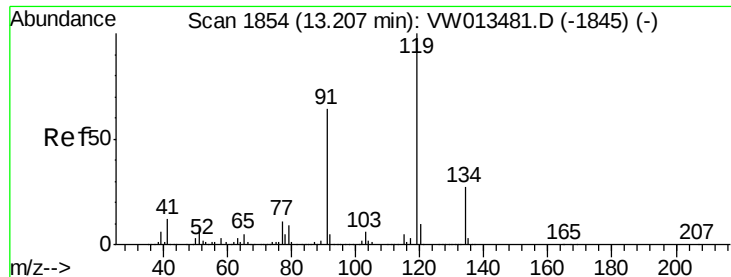
Tgt Ion: 91 Resp: 528721

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6

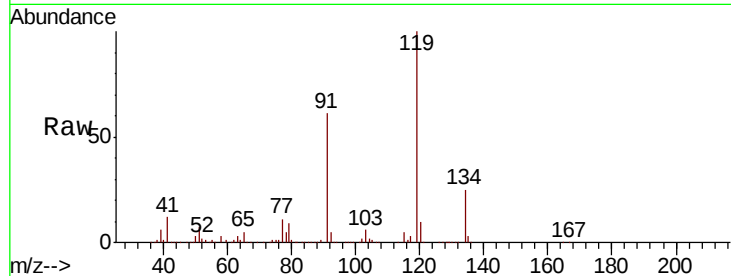




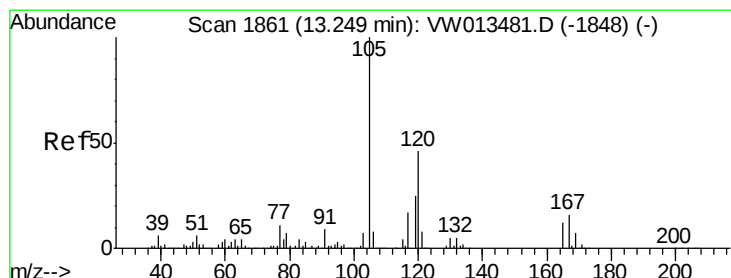
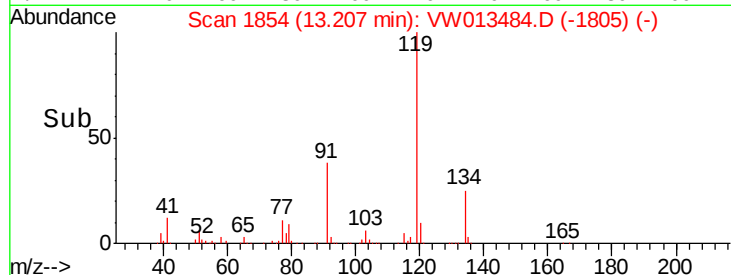
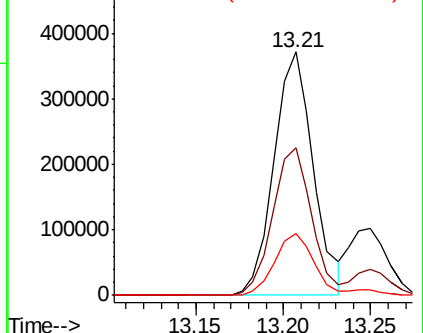
#83
tert-Butylbenzene
Concen: 52.114 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 582774
Ion Ratio Lower Upper
119 100
91 60.1 30.6 91.6
134 27.1 13.8 41.3

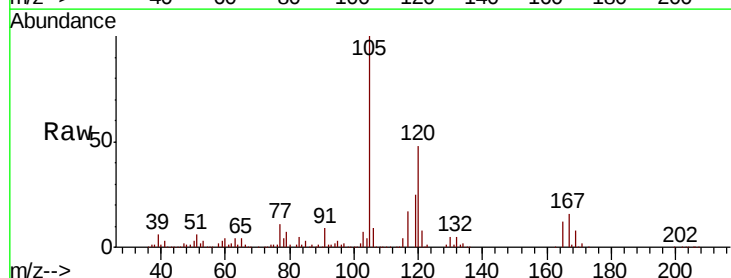


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

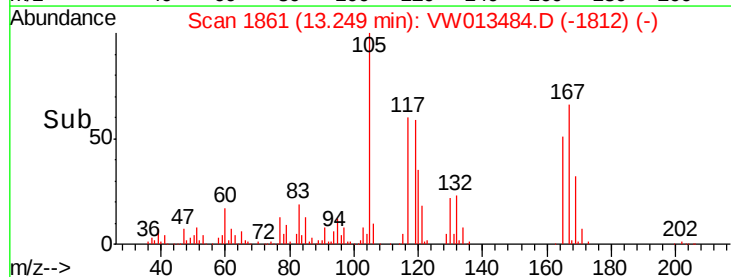
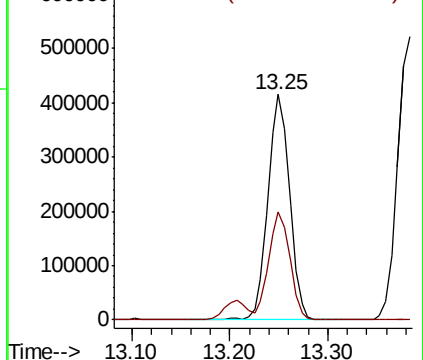


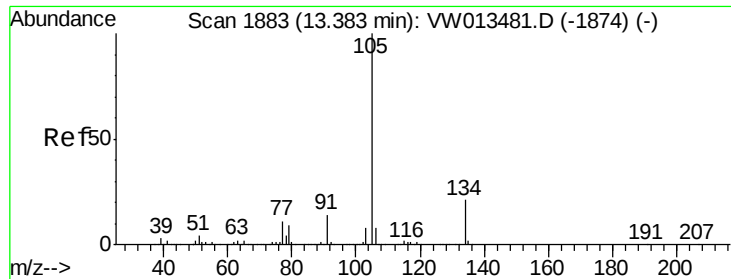
#84
1,2,4-Trimethylbenzene
Concen: 51.587 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion:105 Resp: 642443
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.5



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

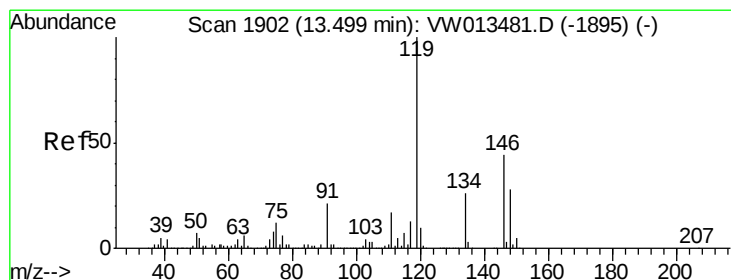
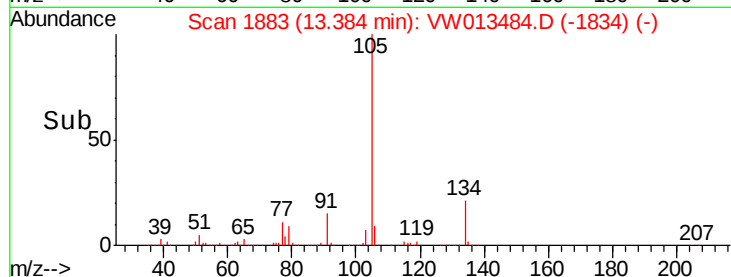
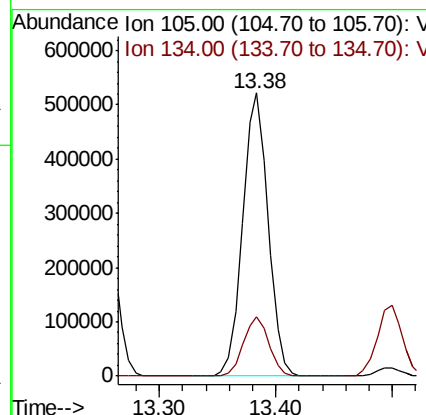
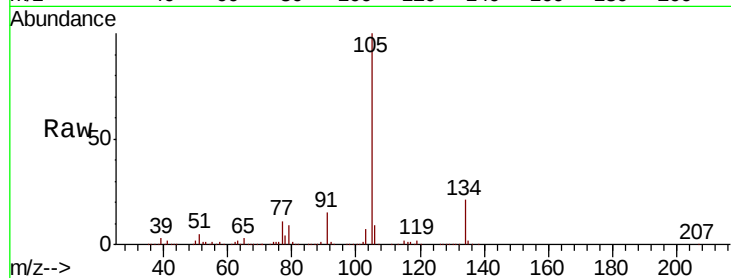




#85
 sec-Butylbenzene
 Concen: 51.389 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

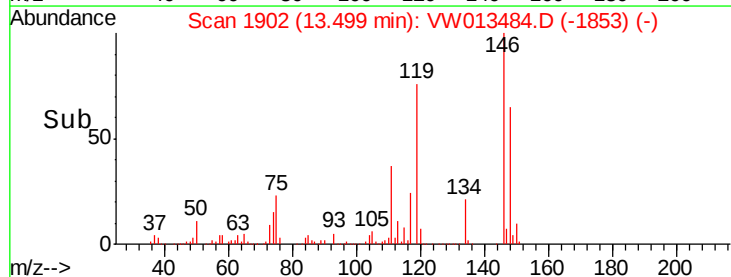
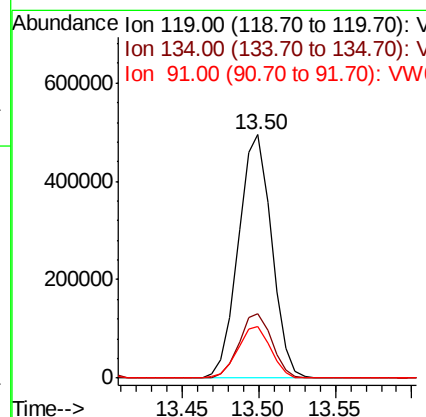
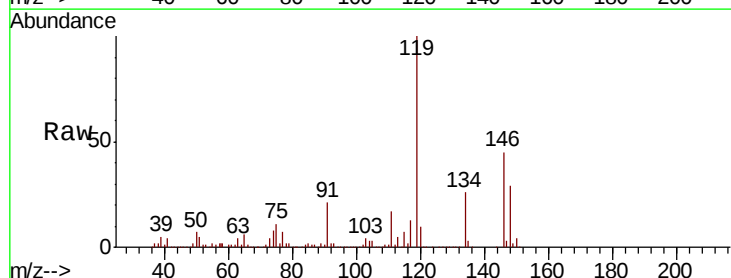
Instrument :
 MSVOA_W
 ClientSampleId :

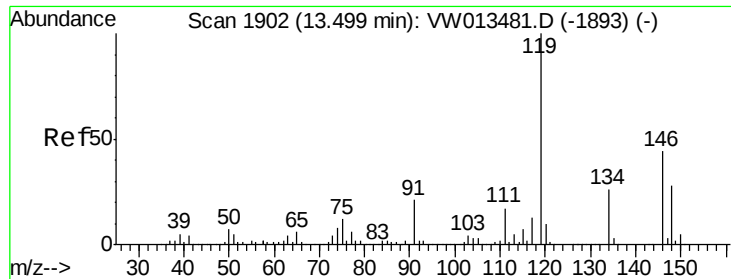
Tot Ion:105 Resp: 794018
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 52.283 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion:119 Resp: 742230
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 21.2 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 51.835 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampled :

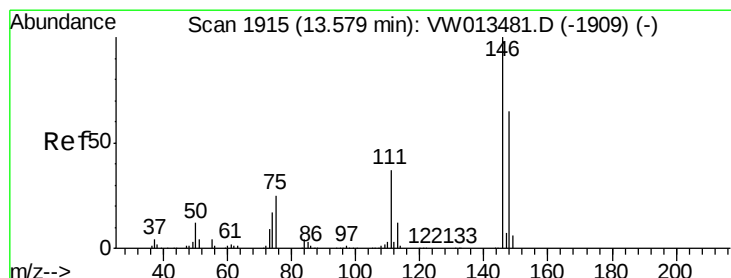
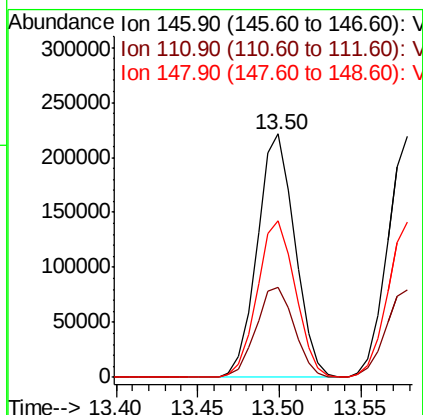
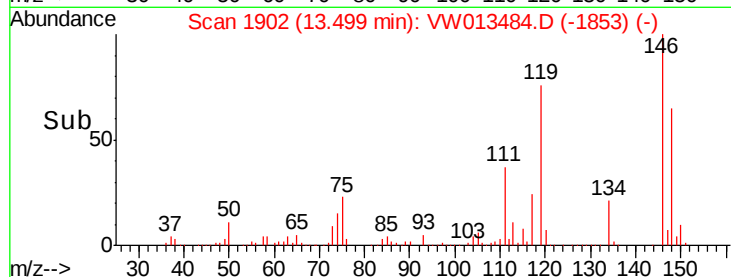
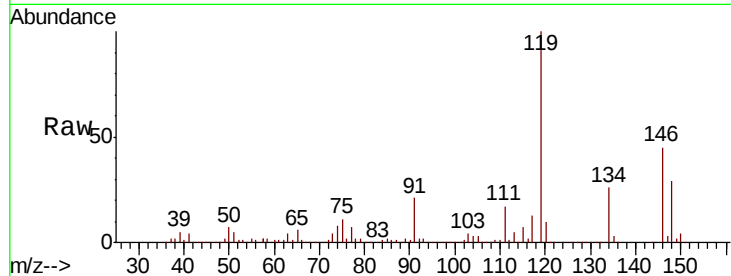
Tot Ion:146 Resp: 353060

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

148 65.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.234 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

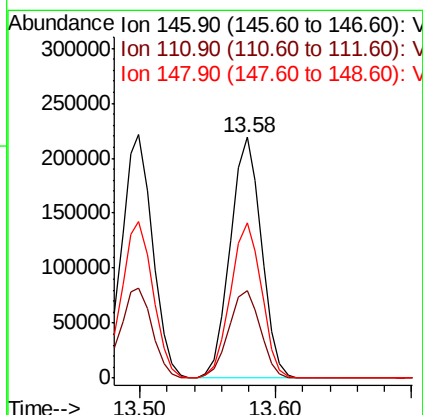
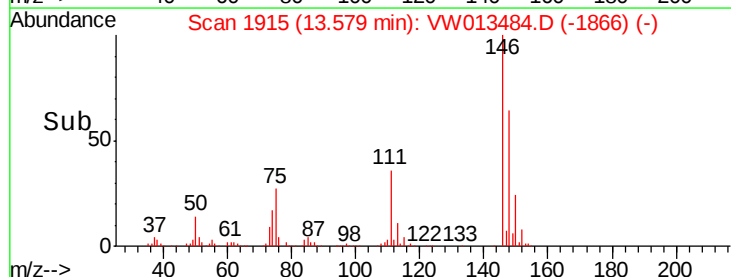
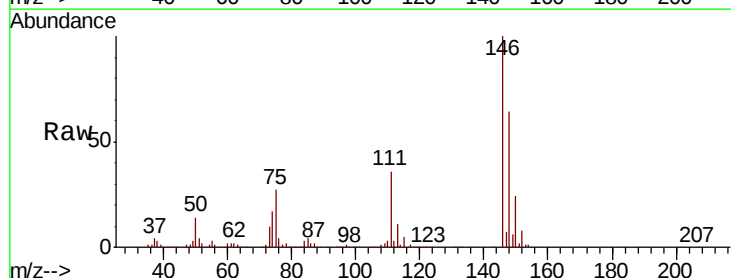
Tgt Ion:146 Resp: 348533

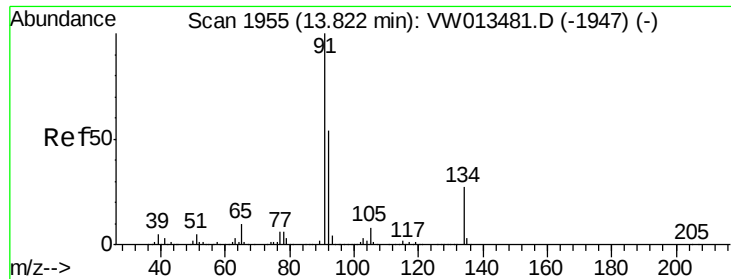
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 64.4 32.0 96.2

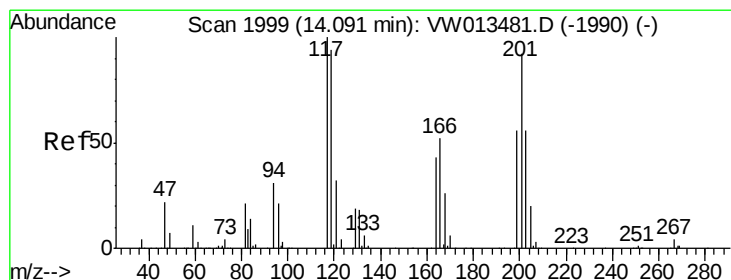
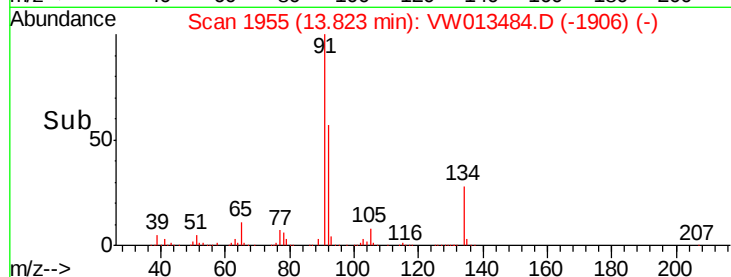
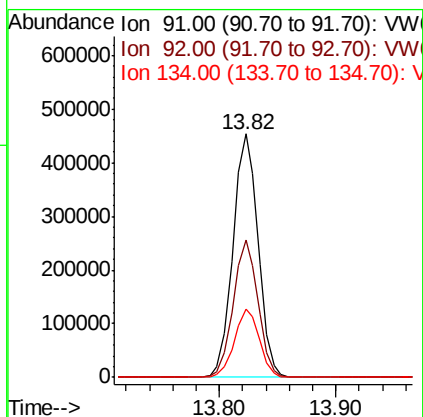
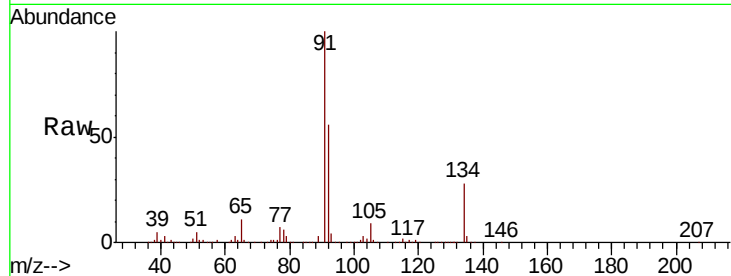




#89
n-Butylbenzene
Concen: 52.973 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

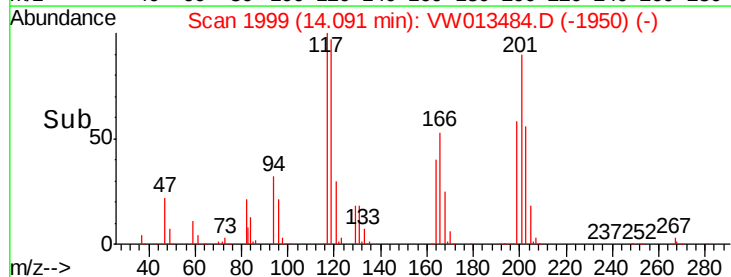
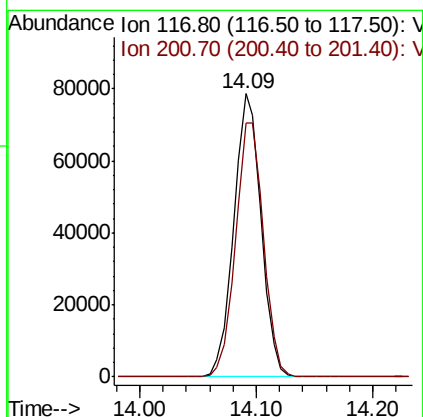
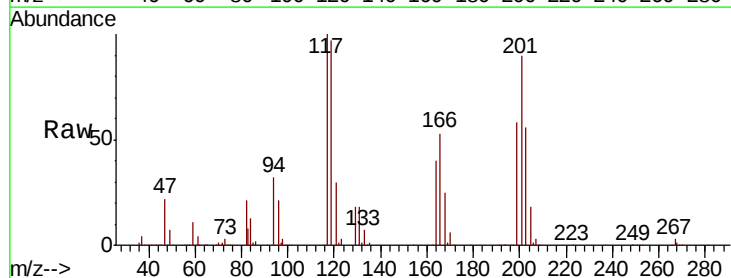
Instrument :
MSVOA_W
ClientSampleId :

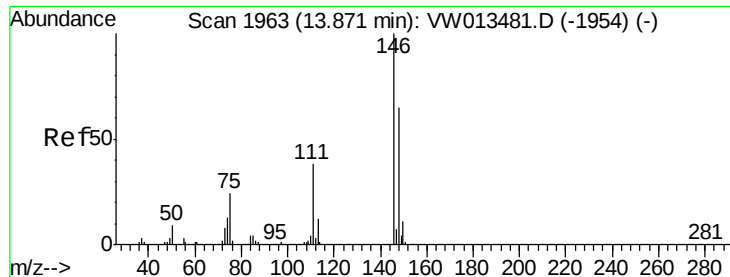
Tot Ion: 91 Resp: 679332
Ion Ratio Lower Upper
91 100
92 55.5 27.5 82.4
134 27.8 13.8 41.3



#90
Hexachloroethane
Concen: 52.912 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 117 Resp: 128525
Ion Ratio Lower Upper
117 100
201 91.5 46.9 140.7

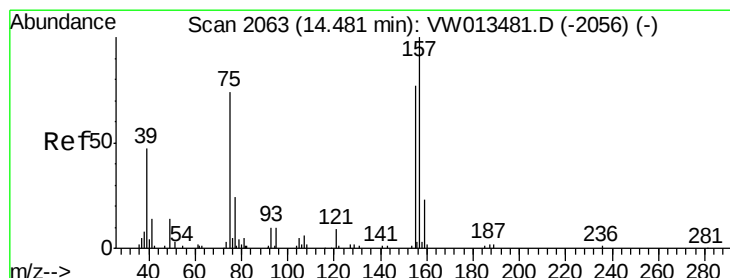
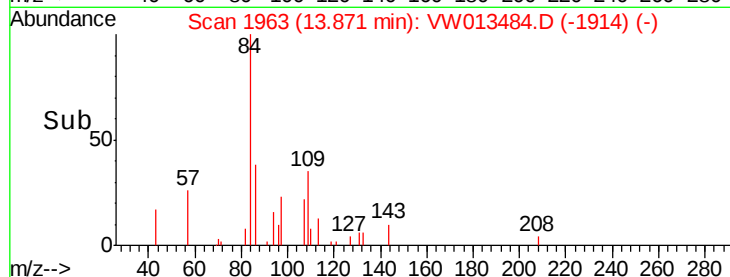
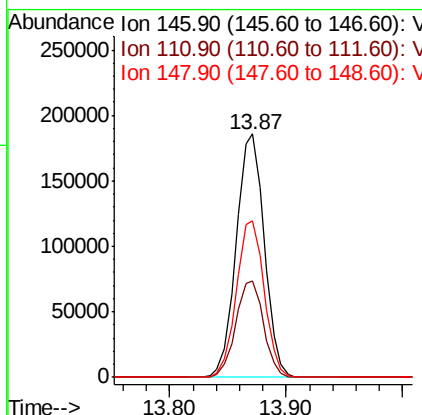
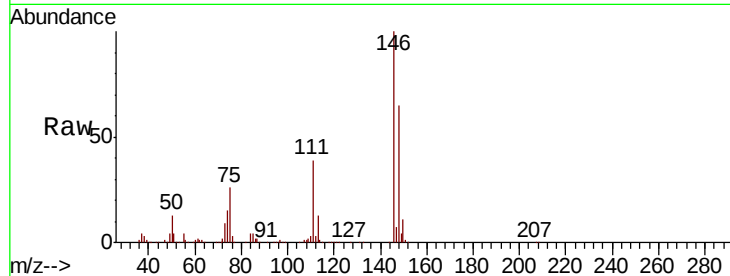




#91
 1,2-Dichlorobenzene
 Concen: 51.861 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

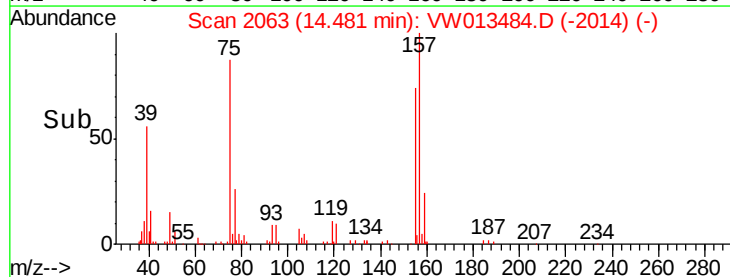
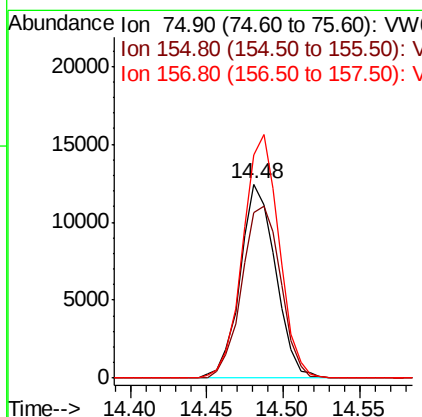
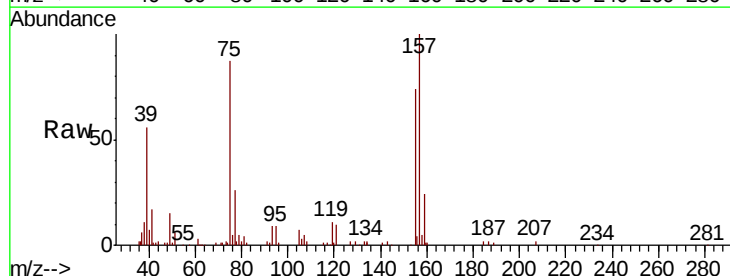
Instrument :
 MSVOA_W
 ClientSampleId :

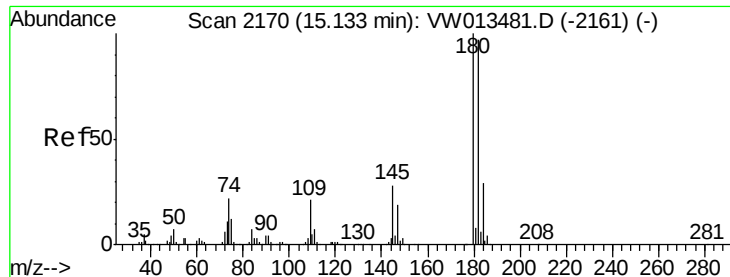
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	64.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.645 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	51.0	153.1
157	128.2	65.9	197.7

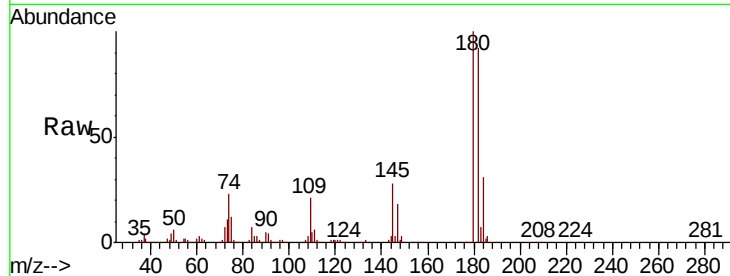




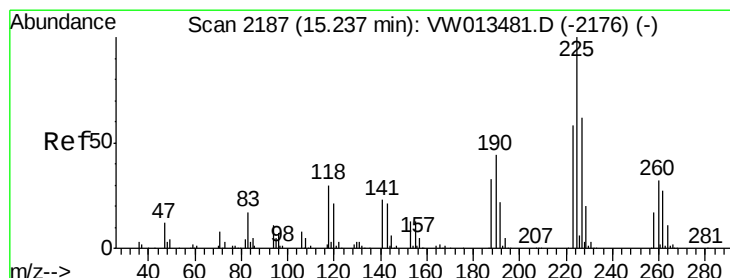
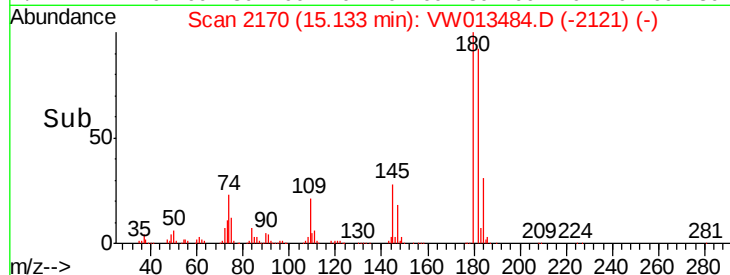
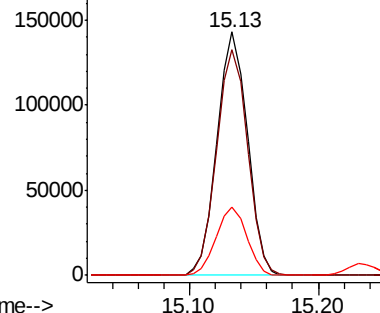
#93
 1,2,4-Trichlorobenzene
 Concen: 54.879 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.7	143.1
145	28.4	14.0	41.9

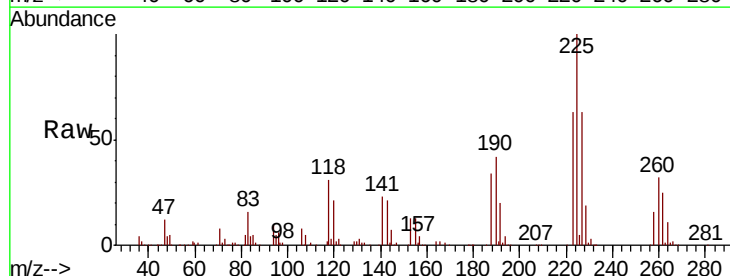


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

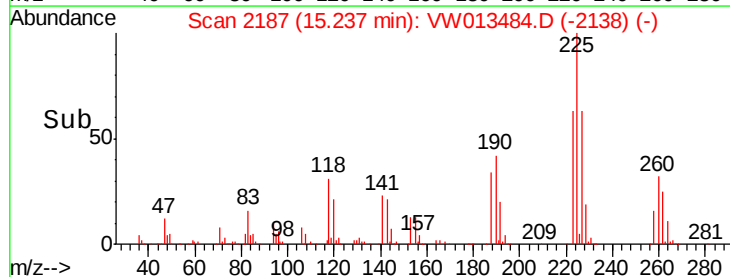
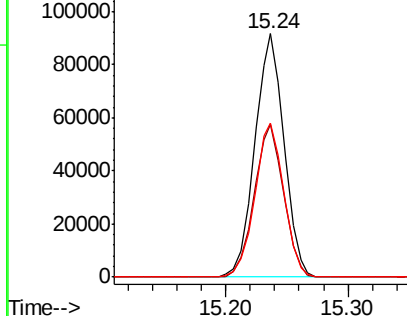


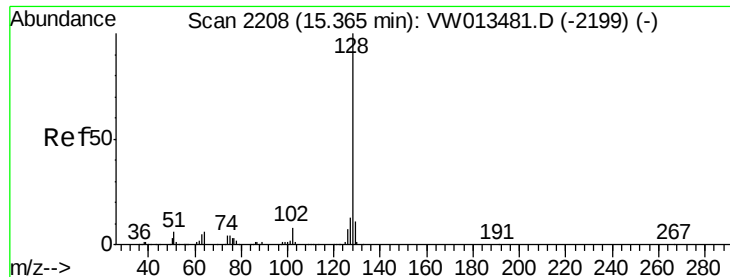
#94
 Hexachlorobutadiene
 Concen: 53.817 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.3	90.9
227	63.2	32.0	96.0



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: 54.745 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

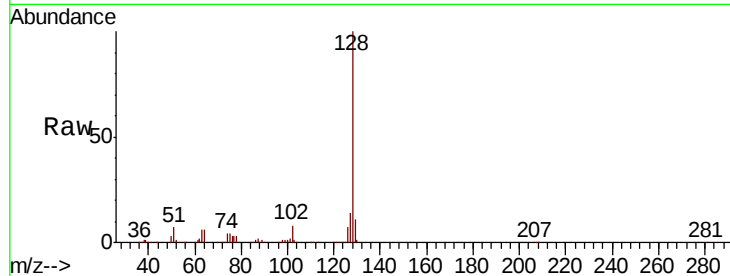
Tot Ion:128 Resp: 402489

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

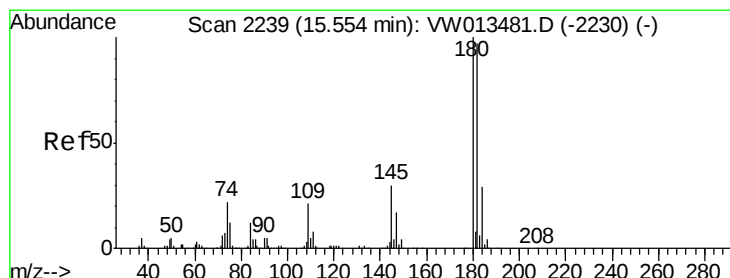
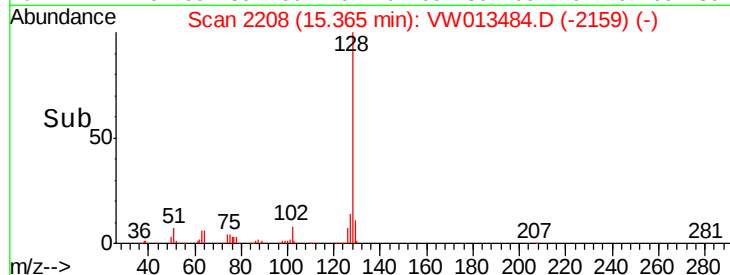
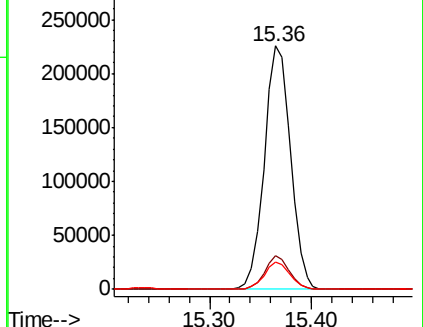
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.454 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

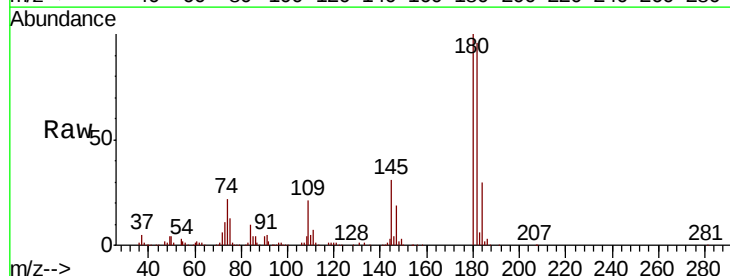
Tgt Ion:180 Resp: 202379

Ion Ratio Lower Upper

180 100

182 96.5 47.7 143.1

145 29.7 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

