

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013476.D
 Acq On : 07 Oct 2019 20:46
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 08 10:42:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	165124	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	98272	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
35) Dibromofluoromethane	7.88	113	104377	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
50) Toluene-d8	10.32	98	455846	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.62	95	149573	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	52759	48.086	ug/l	95
3) Chloromethane	2.21	50	80143	44.264	ug/l	95
4) Vinyl Chloride	2.36	62	123505	48.065	ug/l	98
5) Bromomethane	2.76	94	71135	45.060	ug/l	98
6) Chloroethane	2.92	64	66745	44.984	ug/l	99
7) Trichlorofluoromethane	3.25	101	58816	52.760	ug/l	100
8) Diethyl Ether	3.68	74	56957	44.143	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126659	51.247	ug/l	99
10) Methyl Iodide	4.27	142	185735	46.534	ug/l	99
11) Tert butyl alcohol	5.17	59	41897	239.241	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	127646	48.882	ug/l	99
13) Acrolein	3.89	56	45829	215.526	ug/l	97
14) Allyl chloride	4.67	41	184129	47.665	ug/l	99
15) Acrylonitrile	5.36	53	129945	222.781	ug/l	98
16) Acetone	4.12	43	106570	164.148	ug/l	96
17) Carbon Disulfide	4.38	76	355229	48.763	ug/l	98
18) Methyl Acetate	4.67	43	64046	42.148	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	175904	45.769	ug/l	99
20) Methylene Chloride	4.92	84	128055	47.144	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	133437	47.984	ug/l	98
22) Diisopropyl ether	6.31	45	345210	46.274	ug/l	99
23) Vinyl Acetate	6.25	43	997454	222.826	ug/l	98
24) 1,1-Dichloroethane	6.21	63	214634	47.236	ug/l	99
25) 2-Butanone	7.17	43	164580	198.112	ug/l	92
26) 2,2-Dichloropropane	7.17	77	131075	49.853	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135278	46.474	ug/l	97
28) Bromochloromethane	7.51	49	80993	49.300	ug/l	95
29) Tetrahydrofuran	7.53	42	107356	223.259	ug/l	98
30) Chloroform	7.67	83	204278	45.848	ug/l	99
31) Cyclohexane	7.95	56	234127	48.316	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178760	51.212	ug/l	98
36) 1,1-Dichloropropene	8.08	75	187855	51.417	ug/l	99
37) Ethyl Acetate	7.25	43	71130	44.130	ug/l	95
38) Carbon Tetrachloride	8.07	117	164163	51.871	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	254303	52.852	ug/l	98
40) Benzene	8.32	78	502353	48.572	ug/l	100
41) Methacrylonitrile	7.48	41	44074	45.333	ug/l	97
42) 1,2-Dichloroethane	8.40	62	121406	45.673	ug/l	98
43) Isopropyl Acetate	8.42	43	140218	46.203	ug/l	99
44) Trichloroethene	9.09	130	146311	50.237	ug/l	96
45) 1,2-Dichloropropane	9.37	63	117498	47.317	ug/l	99
46) Dibromomethane	9.46	93	56254	45.482	ug/l	98
47) Bromodichloromethane	9.64	83	144707	47.526	ug/l	96
48) Methyl methacrylate	9.43	41	69586	47.721	ug/l	98
49) 1,4-Dioxane	9.45	88	19810	1039.422	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	359126	225.232	ug/l	98
52) Toluene	10.38	92	327348	49.072	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	146623	46.296	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	183958	47.907	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	85940	46.578	ug/l	97
56) Ethyl methacrylate	10.65	69	117583	47.346	ug/l	96
57) 1,3-Dichloropropane	10.93	76	144929	45.183	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	259696	254.563	ug/l	98
59) 2-Hexanone	10.97	43	244596	221.319	ug/l	98
60) Dibromochloromethane	11.13	129	101180	47.934	ug/l	99
61) 1,2-Dibromoethane	11.23	107	81338	45.620	ug/l	99
64) Tetrachloroethene	10.86	164	135757	54.140	ug/l	99
65) Chlorobenzene	11.65	112	329819	48.845	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	115492	50.218	ug/l	98
67) Ethyl Benzene	11.73	91	629579	52.024	ug/l	100
68) m/p-Xylenes	11.84	106	477314	102.183	ug/l	99
69) o-Xylene	12.16	106	220409	51.034	ug/l	97
70) Styrene	12.18	104	374027	50.662	ug/l	98
71) Bromoform	12.35	173	61618	49.418	ug/l #	99
73) Isopropylbenzene	12.46	105	634136	52.501	ug/l	99
74) N-amyl acetate	12.27	43	127184	49.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	97020	47.457	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	121349	82.687	ug/l #	100
77) Bromobenzene	12.74	156	142193	49.028	ug/l	98
78) n-propylbenzene	12.80	91	729368	52.496	ug/l	99
79) 2-Chlorotoluene	12.89	91	393809	51.032	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	517671	51.594	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	31710	46.288	ug/l	96
82) 4-Chlorotoluene	12.99	91	403406	49.904	ug/l	99
83) tert-Butylbenzene	13.21	119	470644	53.703	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	498790	50.007	ug/l	100
85) sec-Butylbenzene	13.38	105	643980	53.296	ug/l	99
86) p-Isopropyltoluene	13.49	119	596772	53.293	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	267276	48.984	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	262289	48.009	ug/l	99
89) n-Butylbenzene	13.82	91	531859	52.682	ug/l	99
90) Hexachloroethane	14.09	117	97910	52.923	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	231646	48.024	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14209	46.467	ug/l	84

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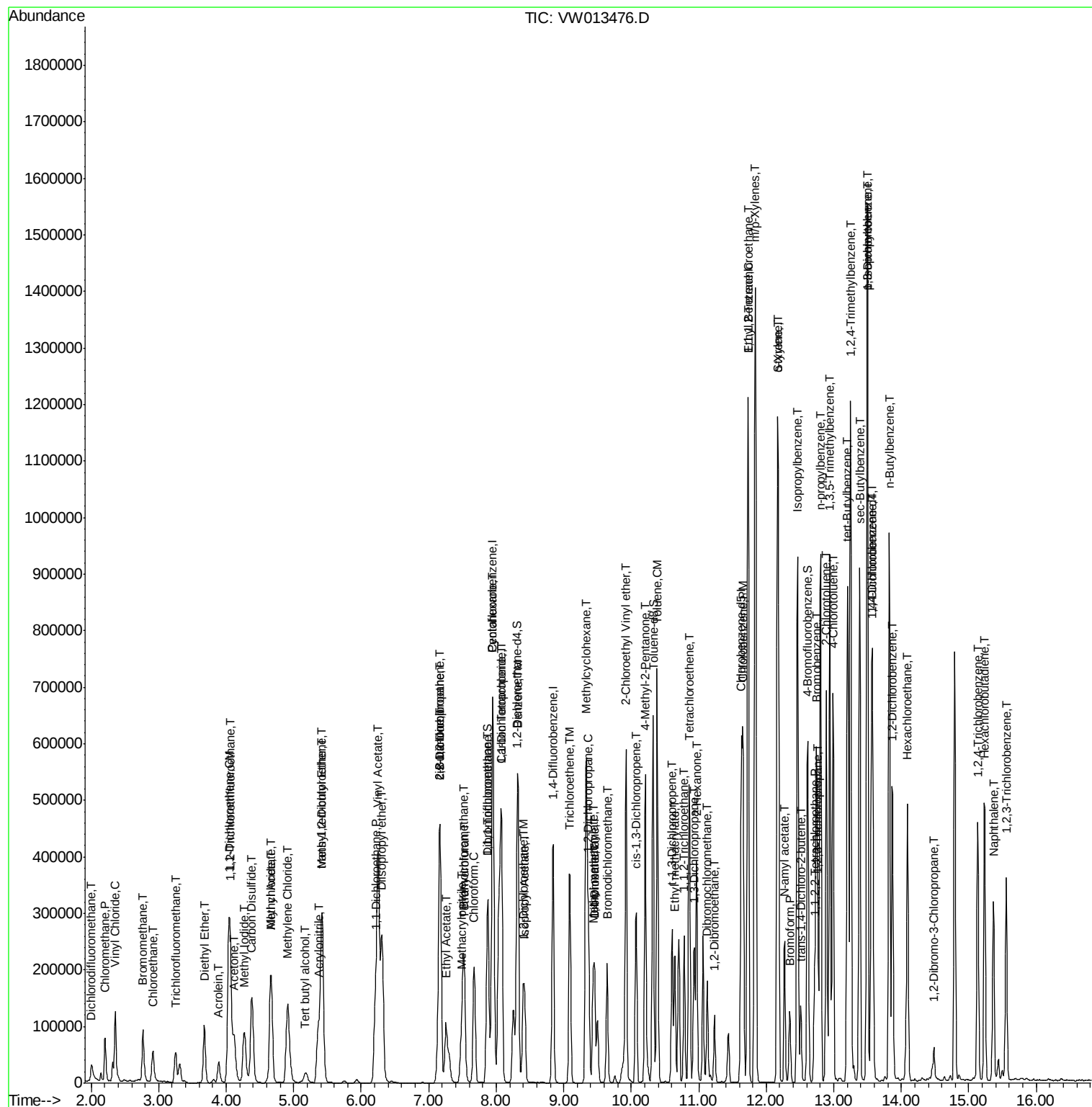
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163749	47.304	ug/l	99
94) Hexachlorobutadiene	15.24	225	114243	50.805	ug/l	99
95) Naphthalene	15.36	128	280320	48.005	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	141909	46.954	ug/l	99

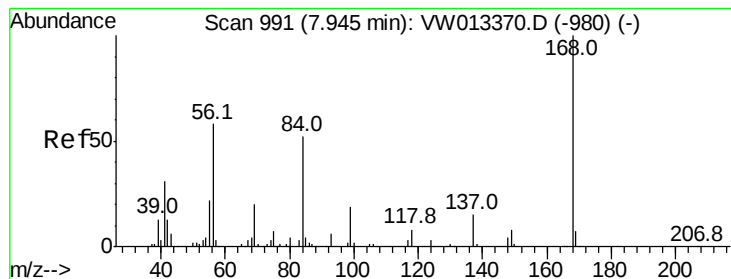
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

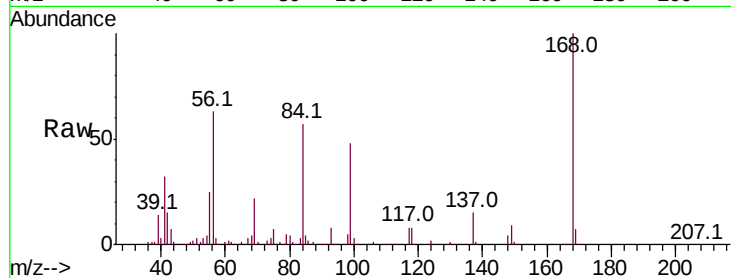
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 283669

Ion Ratio Lower Upper

168 100

99 47.8 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

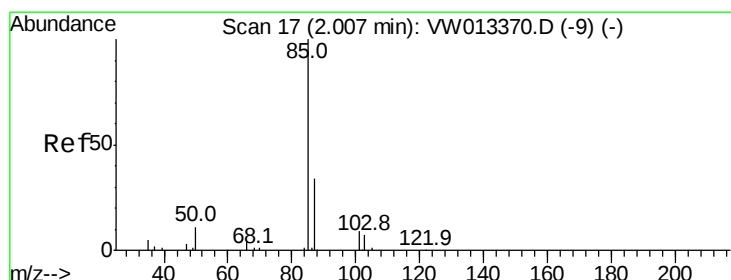
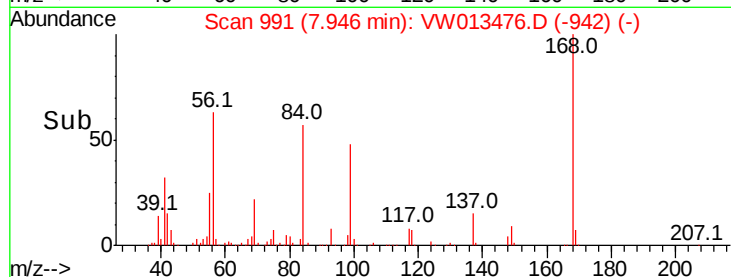
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 48.086 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013476.D

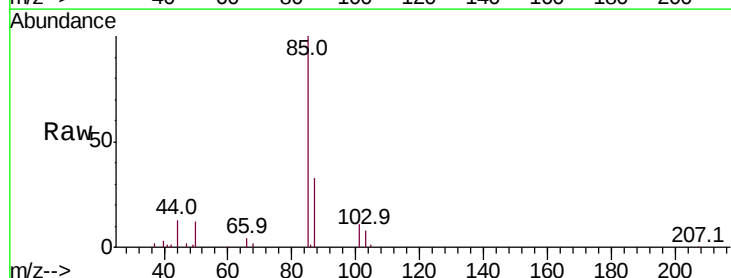
Acq: 07 Oct 2019 20:46

Tgt Ion: 85 Resp: 52759

Ion Ratio Lower Upper

85 100

87 32.8 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

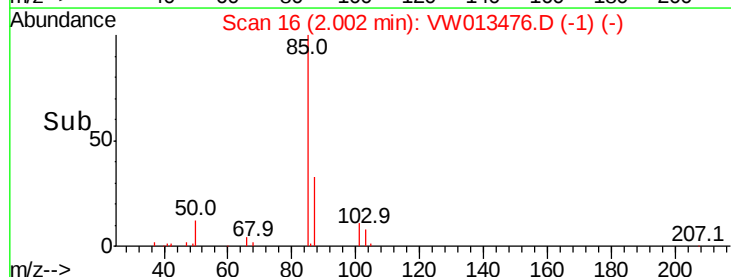
15000

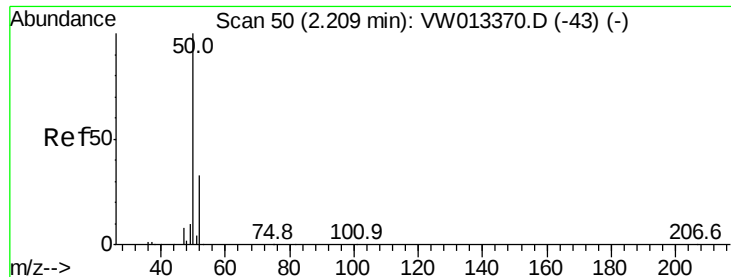
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 44.264 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

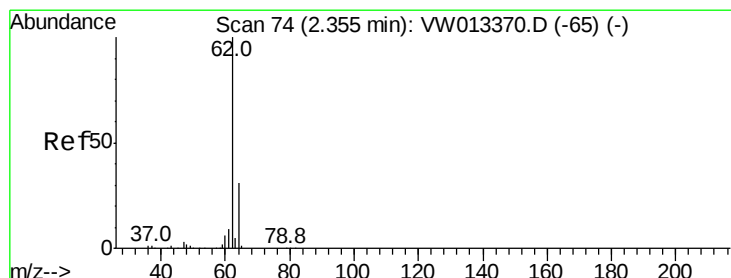
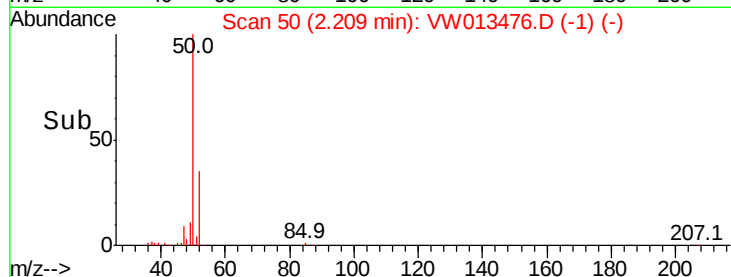
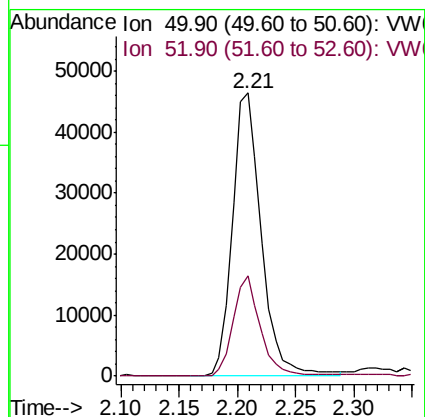
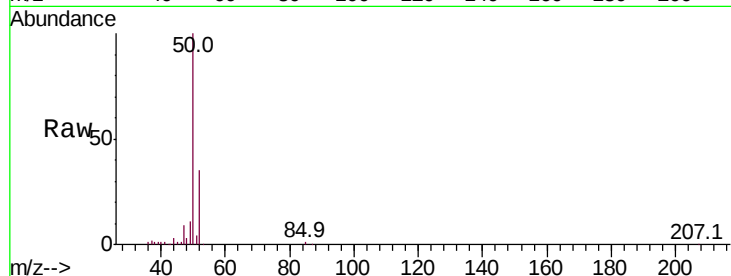
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 80143

Ion Ratio Lower Upper

50 100

52 35.4 26.1 39.1



#4

Vinyl Chloride

Concen: 48.065 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013476.D

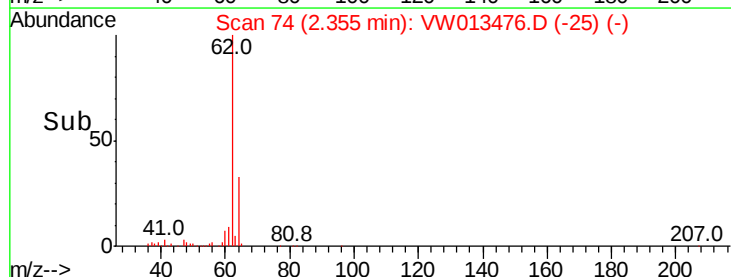
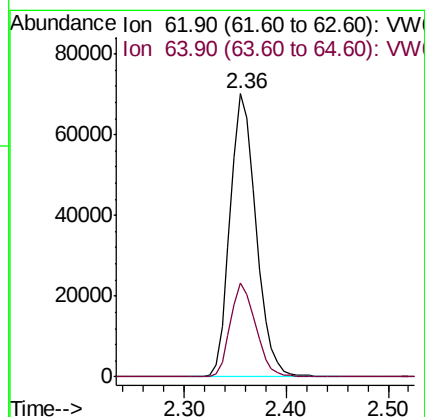
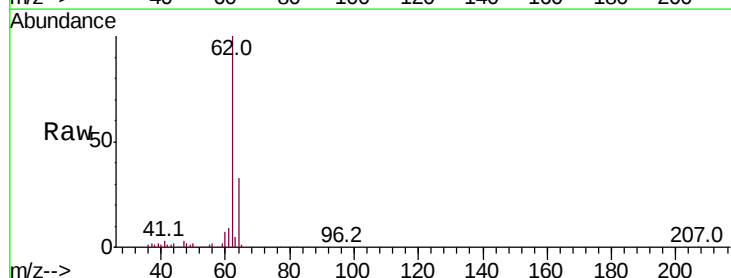
Acq: 07 Oct 2019 20:46

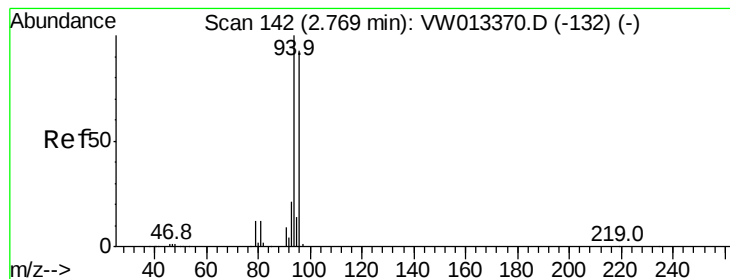
Tgt Ion: 62 Resp: 123505

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 45.060 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

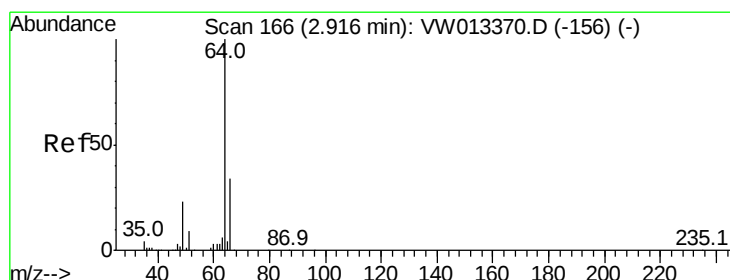
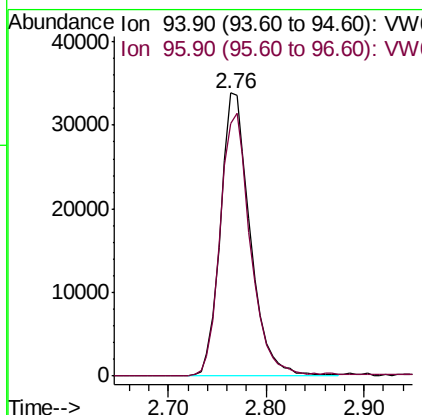
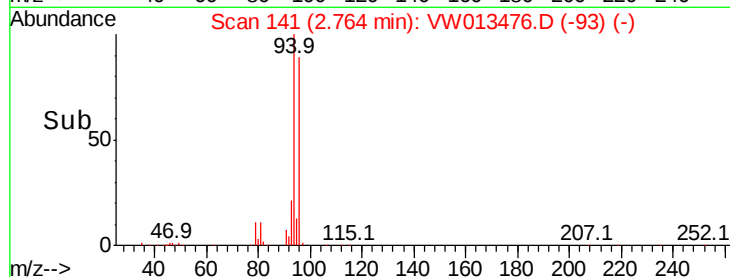
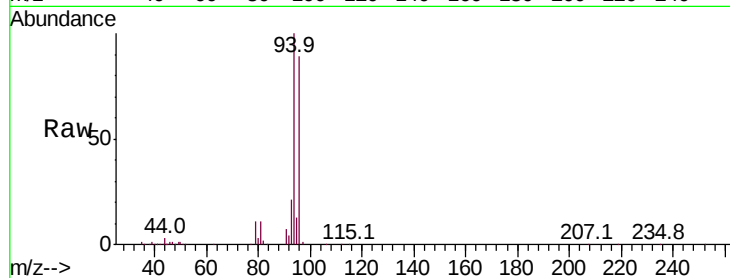
ClientSampleId :

Tot Ion: 94 Resp: 71135

Ion Ratio Lower Upper

94 100

96 88.9 69.7 104.5



#6

Chloroethane

Concen: 44.984 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013476.D

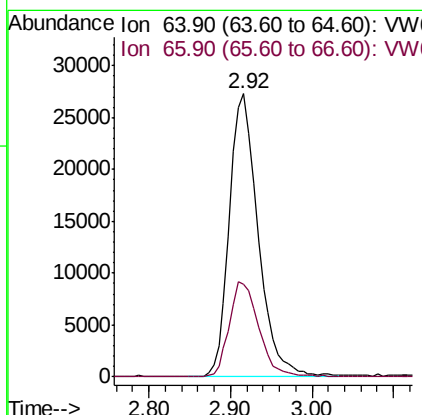
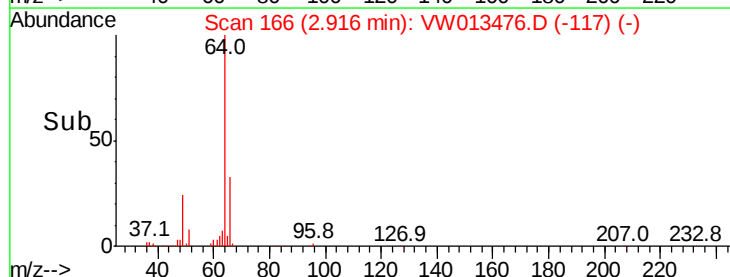
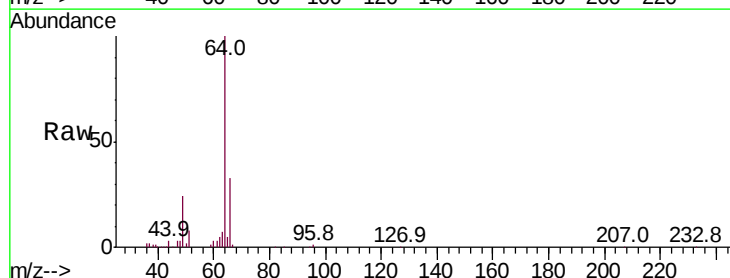
Acq: 07 Oct 2019 20:46

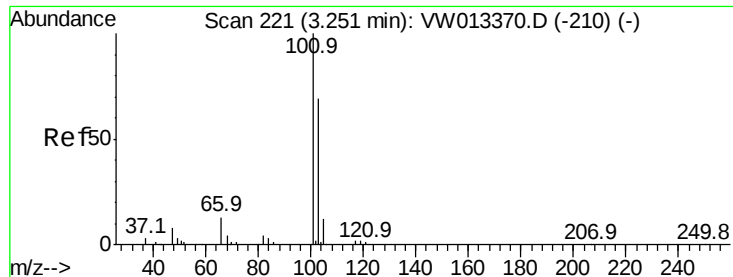
Tgt Ion: 64 Resp: 66745

Ion Ratio Lower Upper

64 100

66 32.6 26.6 39.8



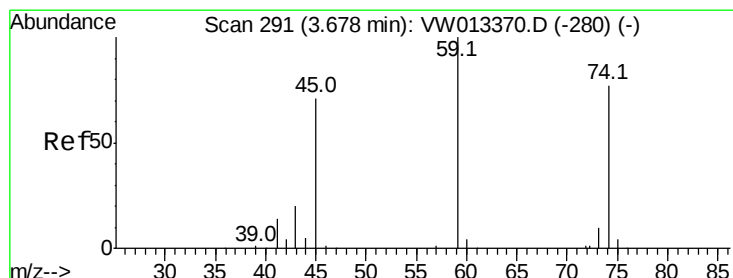
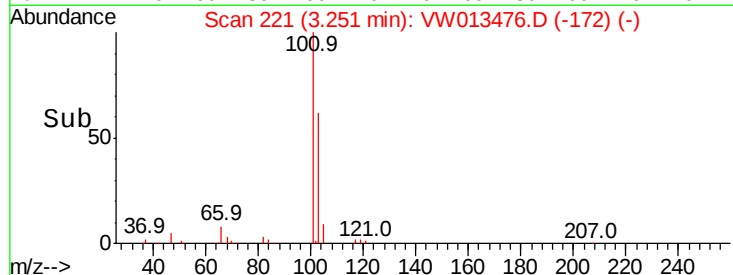
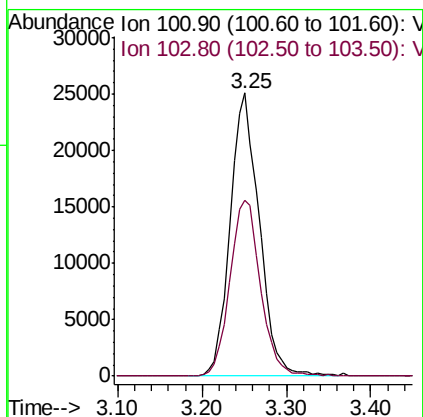
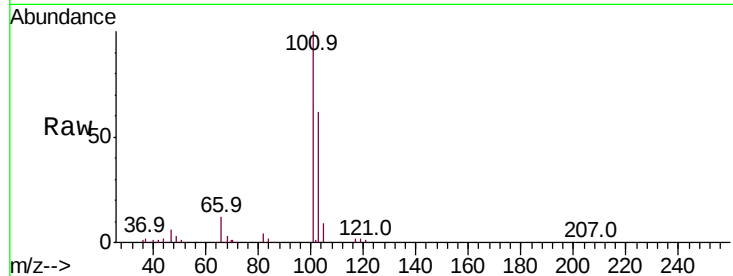


#7

Trichlorofluoromethane
 Concen: 52.760 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Instrument :
 MSVOA_W
 ClientSampleId :

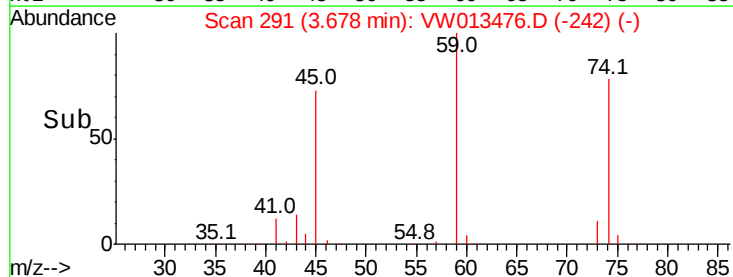
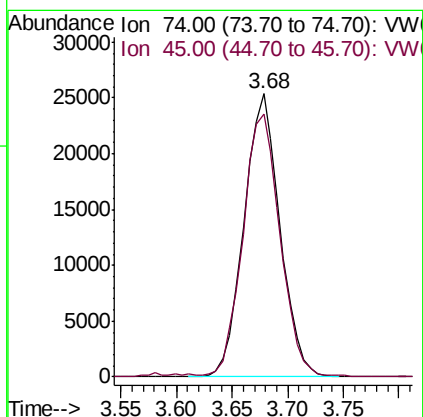
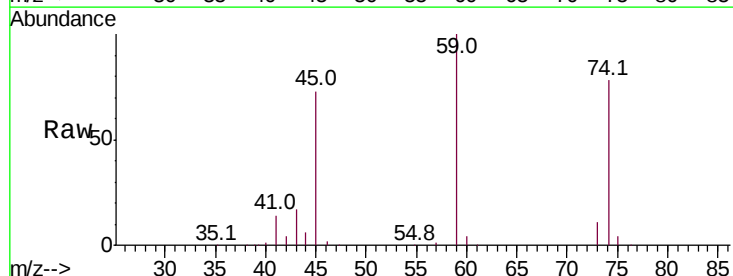
Tot Ion:101 Resp: 58816
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.7 74.5

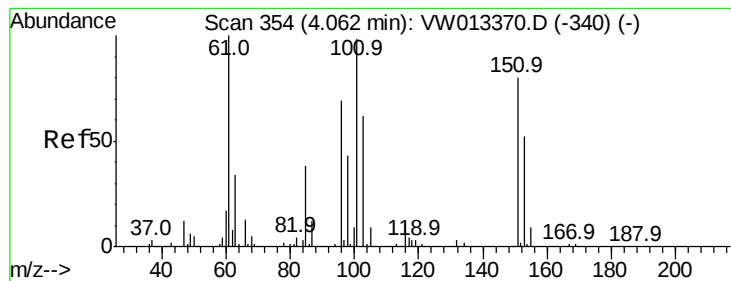


#8

Diethyl Ether
 Concen: 44.143 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Tgt Ion: 74 Resp: 56957
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.247 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

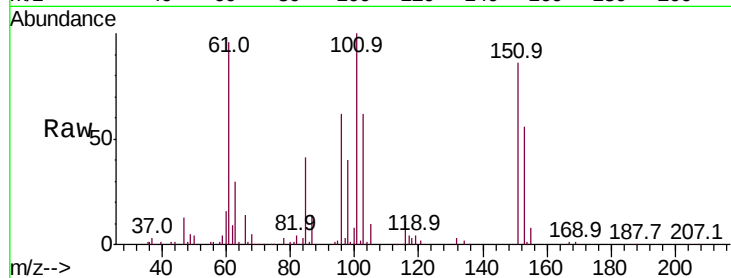
Tot Ion:101 Resp: 126659

Ion Ratio Lower Upper

101 100

85 40.9 33.4 50.0

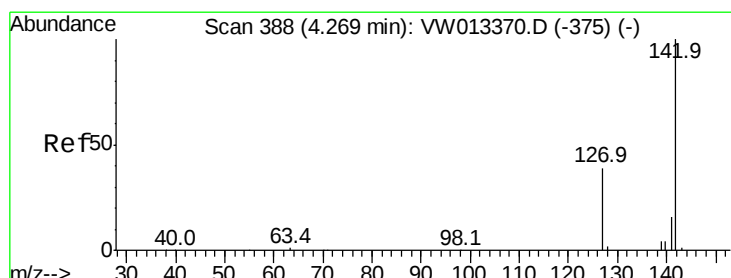
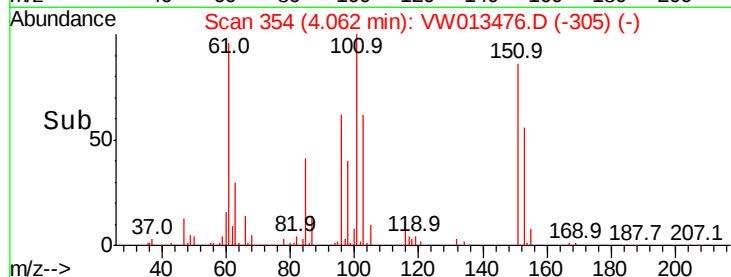
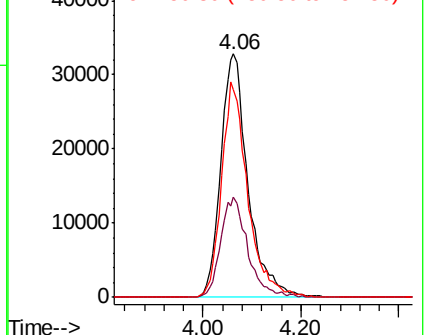
151 84.9 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.534 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

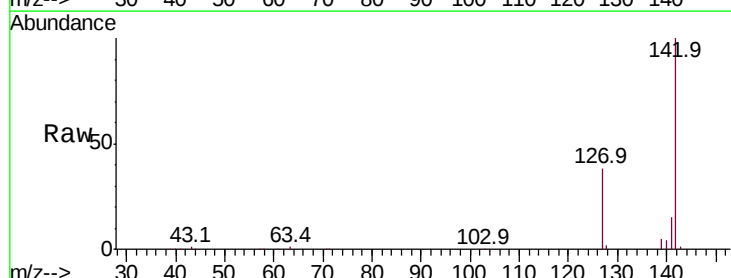
Tgt Ion:142 Resp: 185735

Ion Ratio Lower Upper

142 100

127 38.0 30.9 46.3

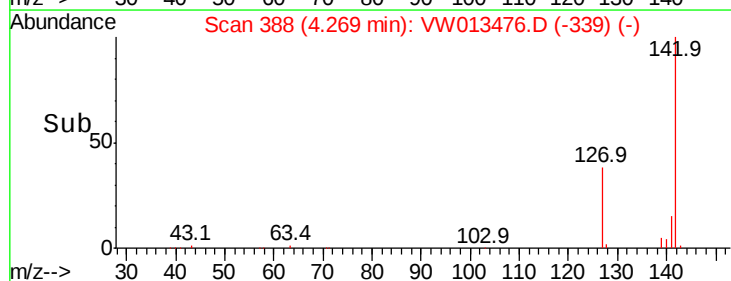
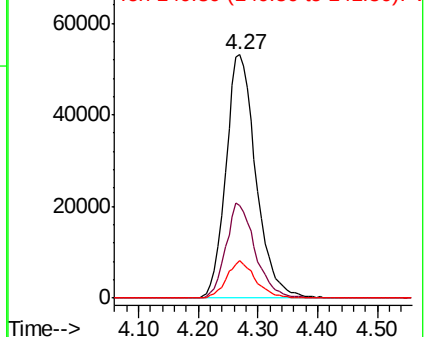
141 14.7 11.7 17.5

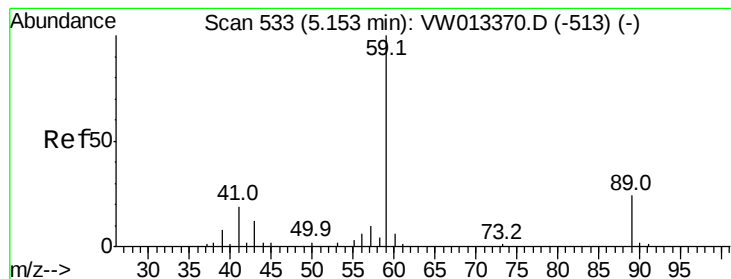


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



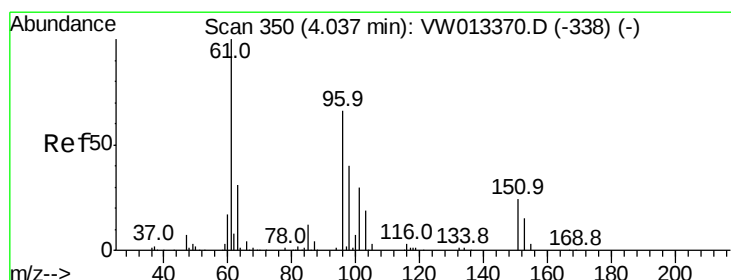
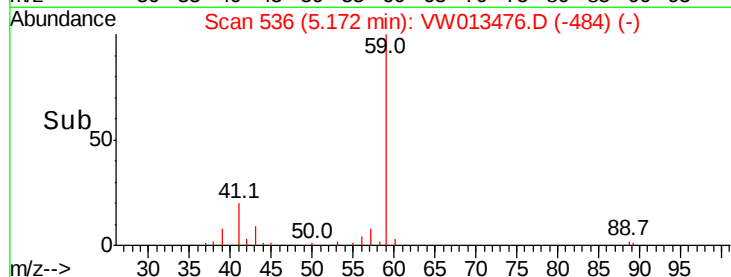
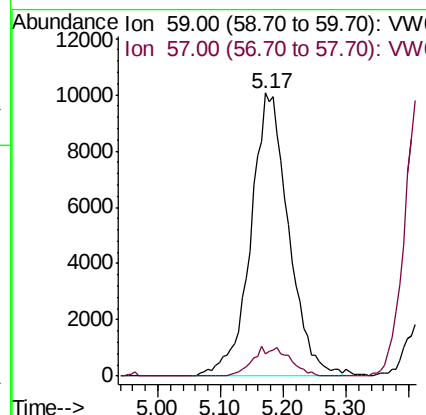
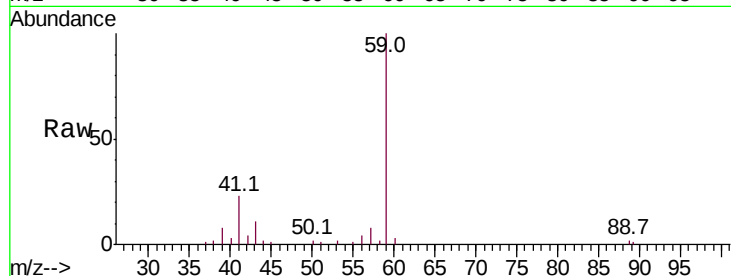


#11

Tert butyl alcohol
 Concen: 239.241 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.02 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Instrument :
 MSVOA_W
 ClientSampled :

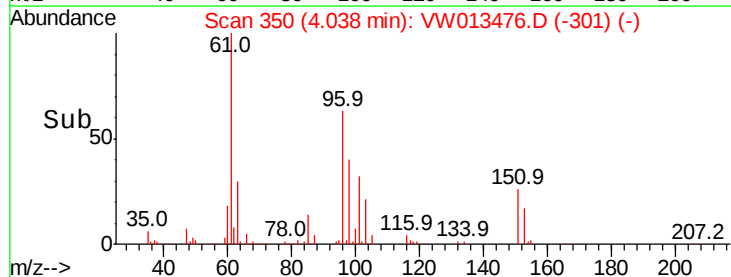
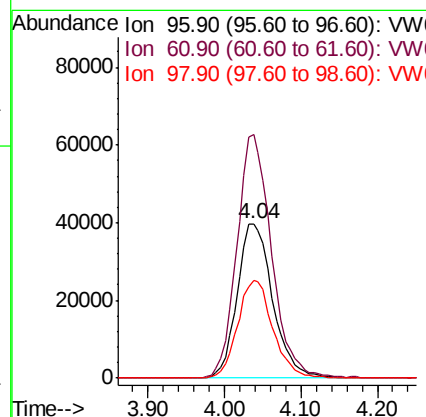
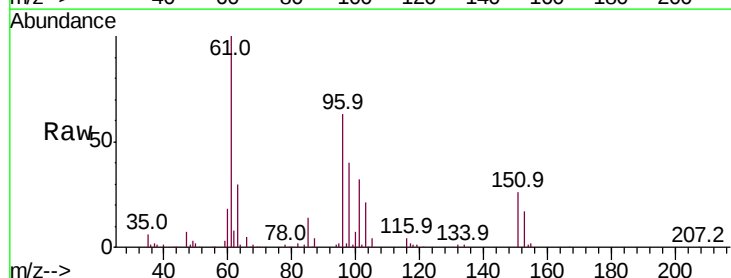
Tot Ion: 59 Resp: 41897
 Ion Ratio Lower Upper
 59 100
 57 4.0 8.2 12.2#

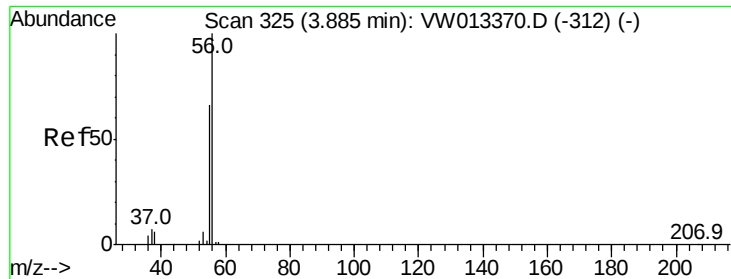


#12

1,1-Dichloroethene
 Concen: 48.882 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Tgt Ion: 96 Resp: 127646
 Ion Ratio Lower Upper
 96 100
 61 157.7 125.1 187.7
 98 63.0 50.8 76.2





#13

Acrolein

Concen: 215.526 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

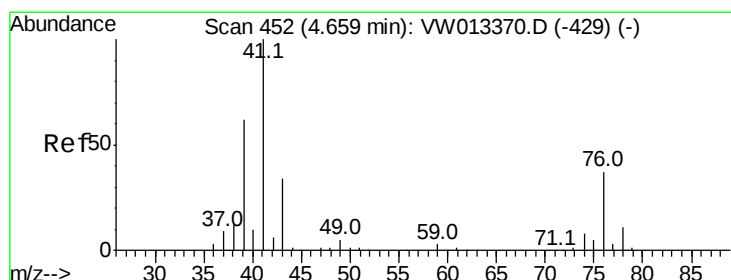
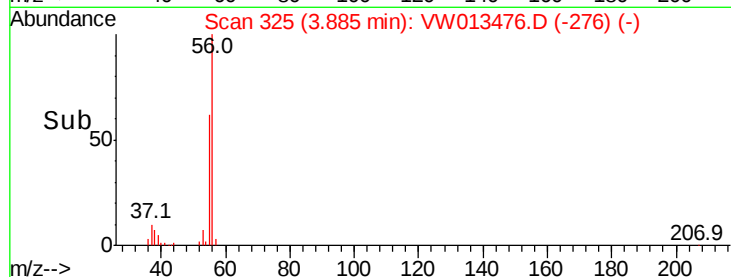
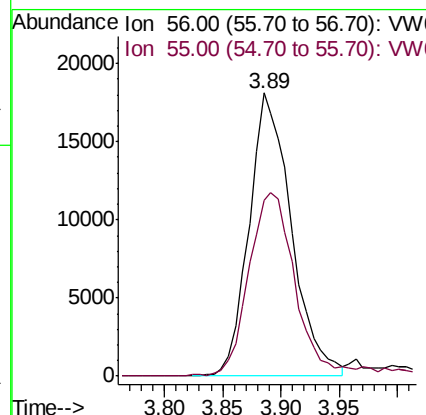
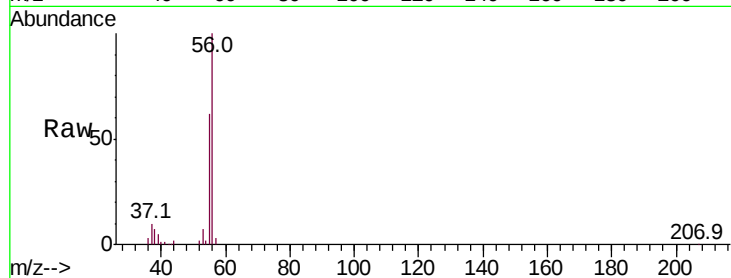
ClientSampleId :

Tot Ion: 56 Resp: 45829

Ion Ratio Lower Upper

56 100

55 71.9 55.4 83.0



#14

Allyl chloride

Concen: 47.665 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

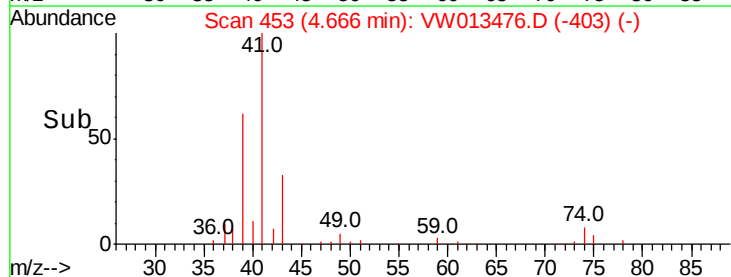
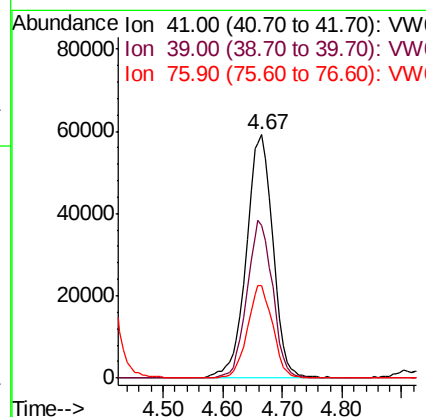
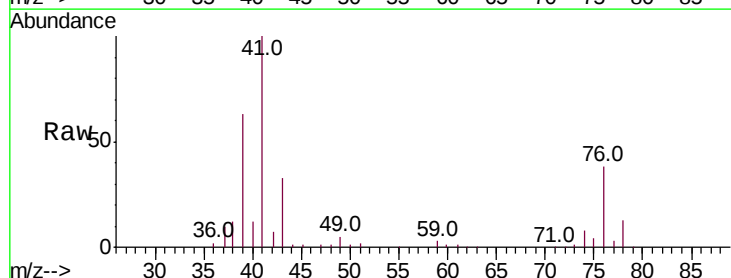
Tgt Ion: 41 Resp: 184129

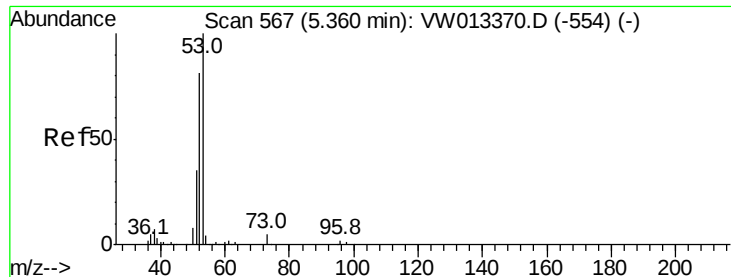
Ion Ratio Lower Upper

41 100

39 62.4 51.0 76.4

76 35.9 28.4 42.6





#15

Acrylonitrile

Concen: 222.781 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

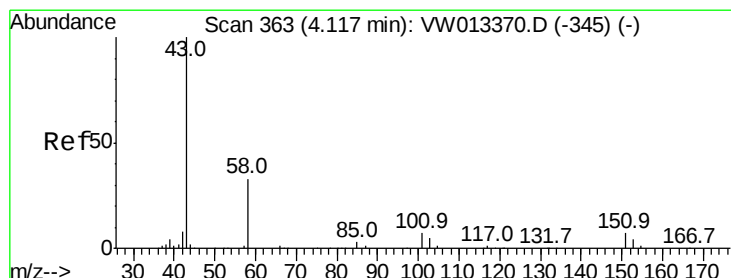
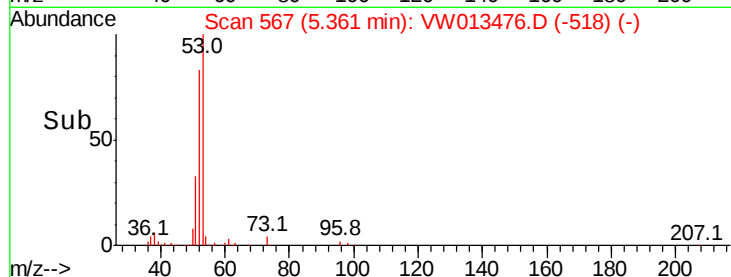
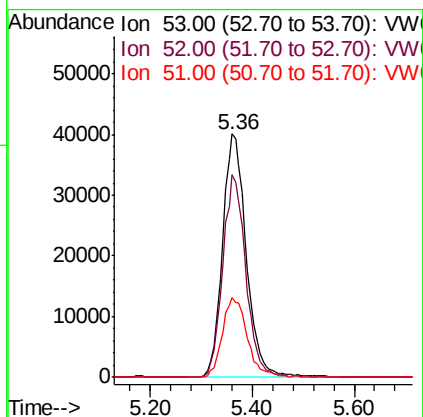
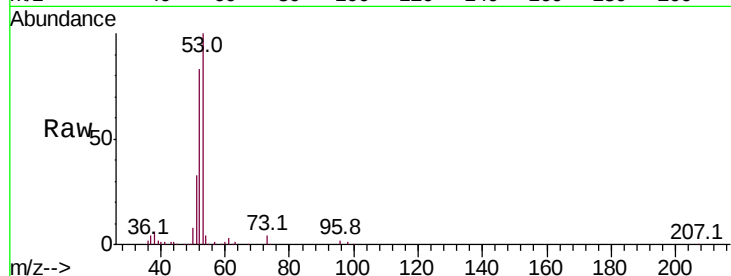
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 129945

Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.3	97.9
51	34.2	29.0	43.4



#16

Acetone

Concen: 164.148 ug/l

RT: 4.12 min Scan# 364

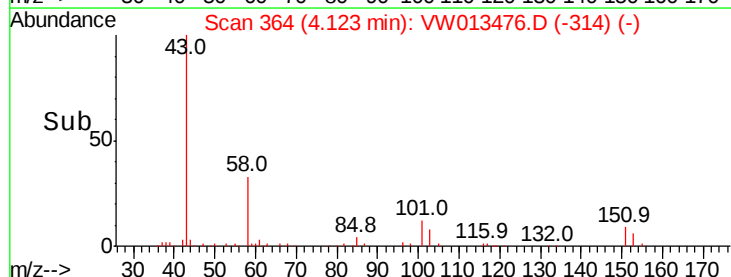
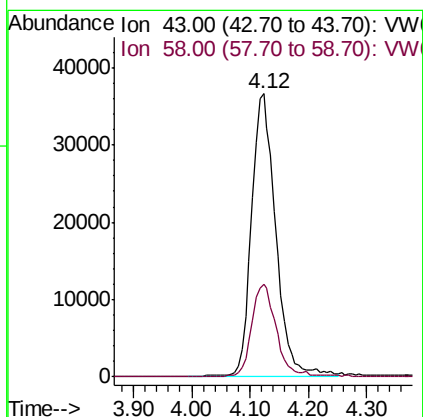
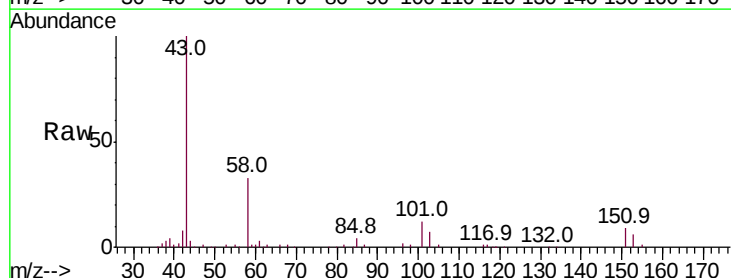
Delta R.T. 0.01 min

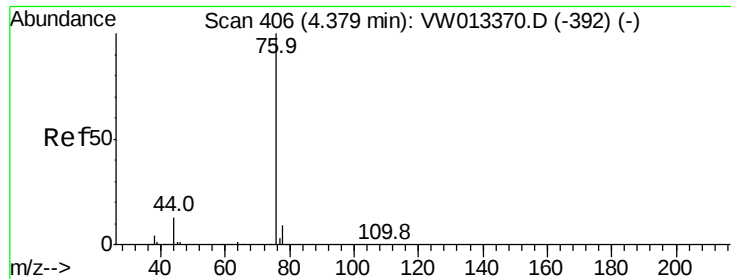
Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Tgt Ion: 43 Resp: 106570

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.1	36.1

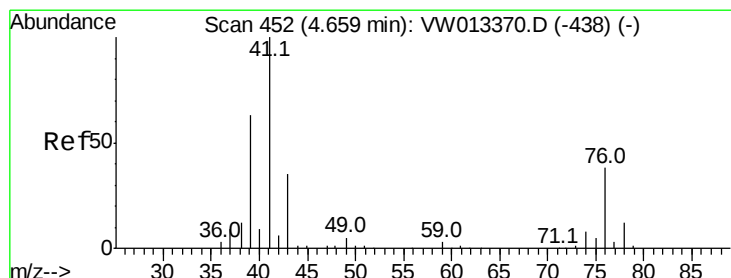
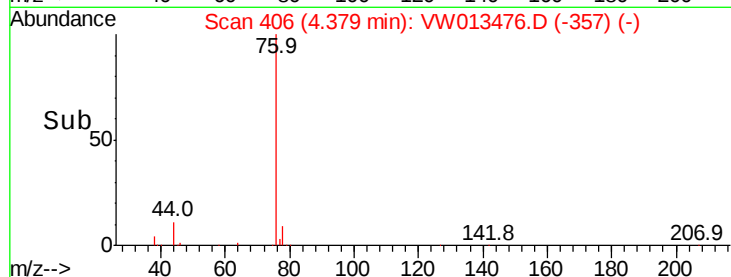
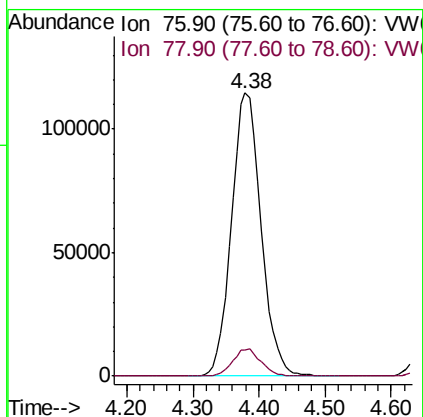
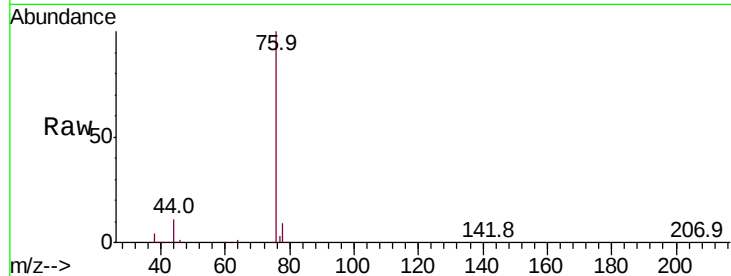




#17
Carbon Disulfide
Concen: 48.763 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

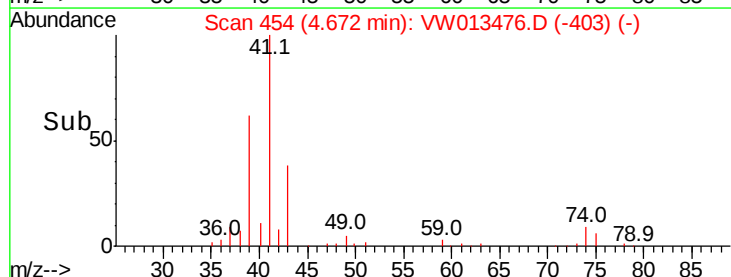
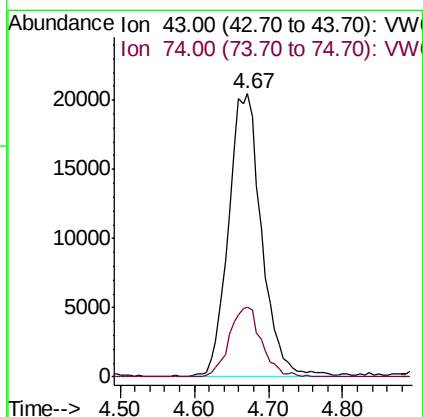
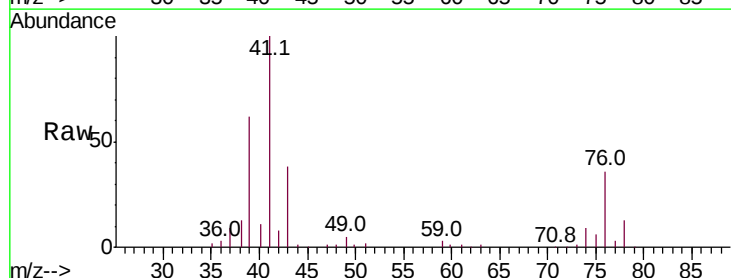
Instrument :
MSVOA_W
ClientSampled :

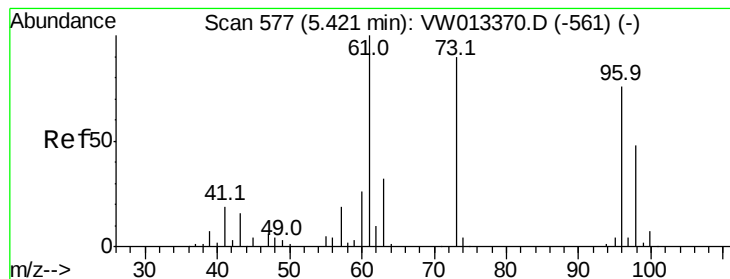
Tot Ion: 76 Resp: 355229
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 42.148 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion: 43 Resp: 64046
Ion Ratio Lower Upper
43 100
74 24.0 19.3 28.9



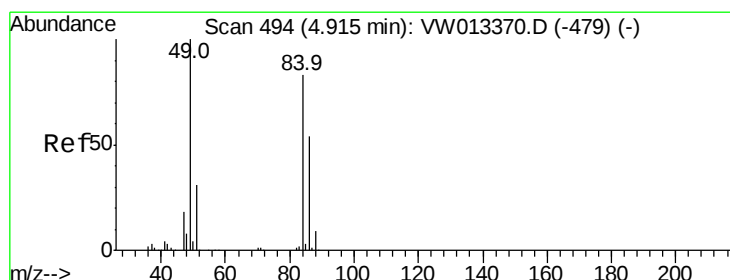
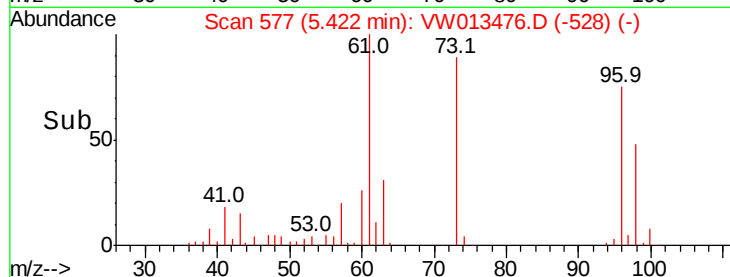
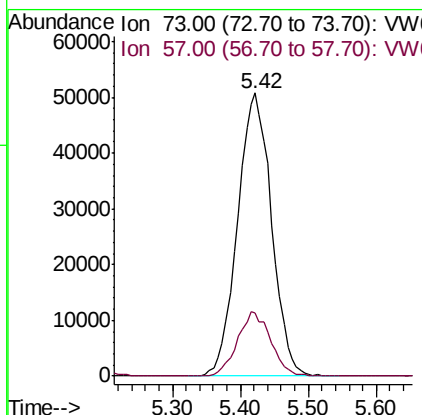
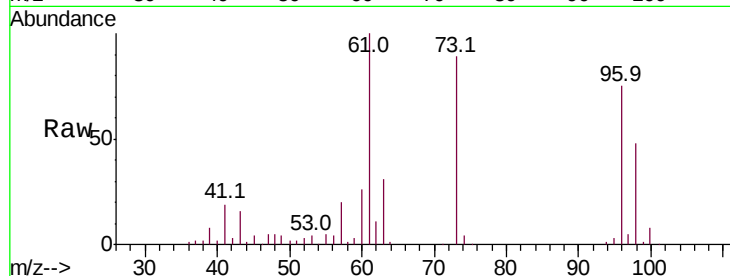


#19

Methyl tert-butyl Ether
 Concen: 45.769 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Instrument :
 MSVOA_W
 ClientSampled :

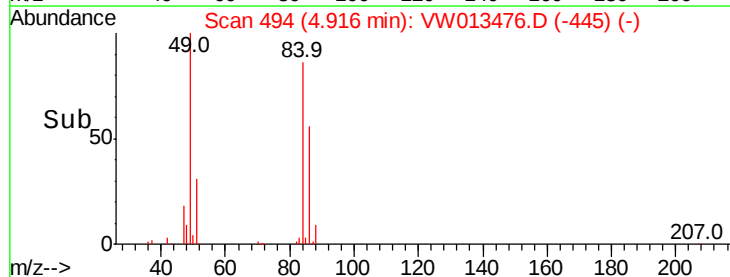
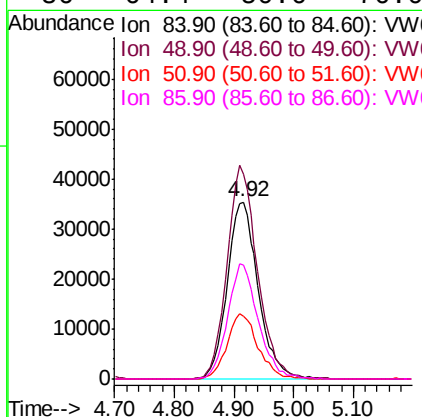
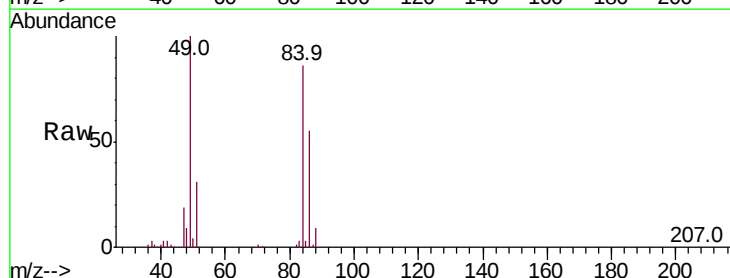
Tot Ion: 73 Resp: 175904
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.6 26.4

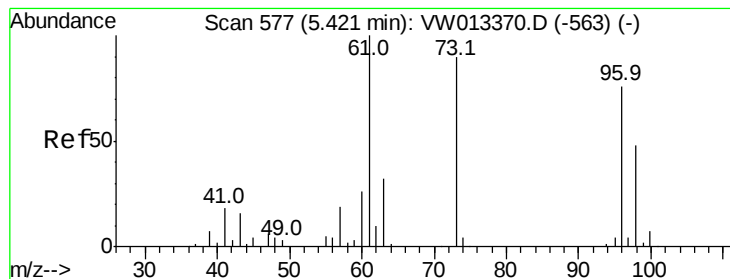


#20

Methylene Chloride
 Concen: 47.144 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Tgt Ion: 84 Resp: 128055
 Ion Ratio Lower Upper
 84 100
 49 116.2 97.6 146.4
 51 35.5 30.2 45.2
 86 64.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 47.984 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

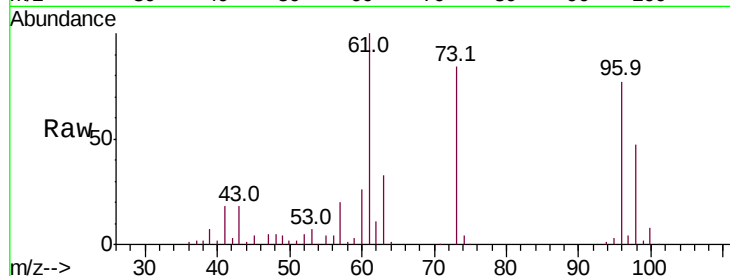
Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 133437

Ion	Ratio	Lower	Upper
96	100		
61	130.3	106.6	159.8
98	60.7	49.8	74.8

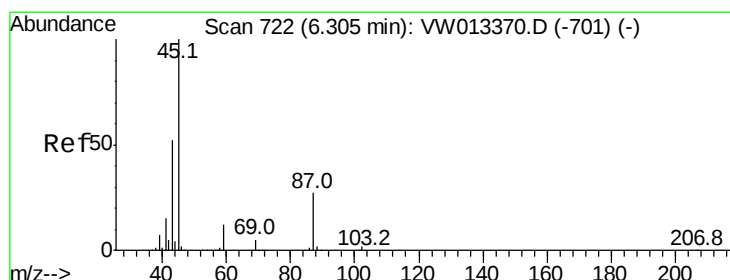
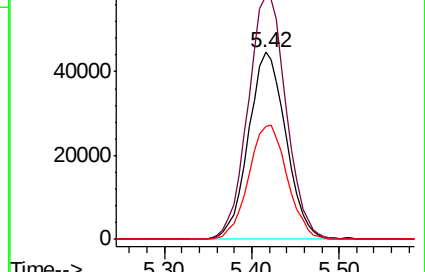
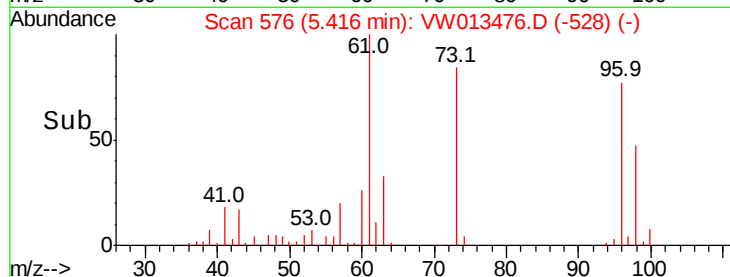


Abundance

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: 46.274 ug/l

RT: 6.31 min Scan# 722

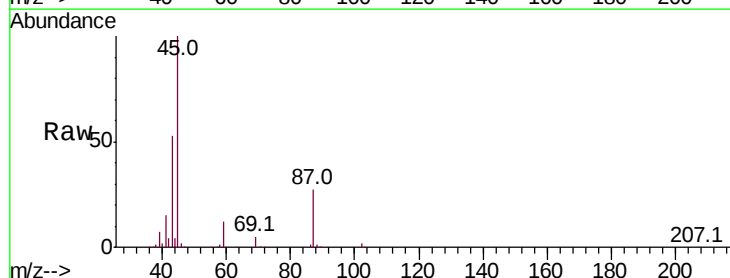
Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Tgt Ion: 45 Resp: 345210

Ion	Ratio	Lower	Upper
45	100		
43	52.7	42.4	63.6
87	26.6	20.4	30.6
59	11.8	8.8	13.2



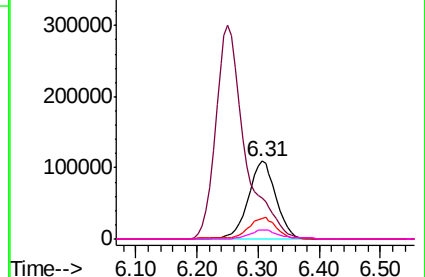
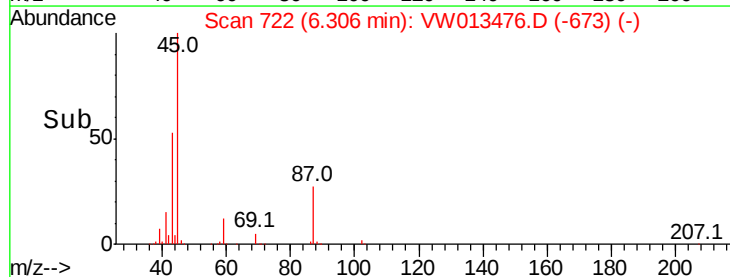
Abundance

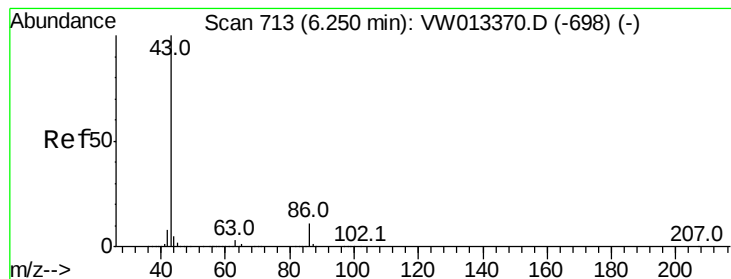
Ion 45.00 (44.70 to 45.70): VW

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: 222.826 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

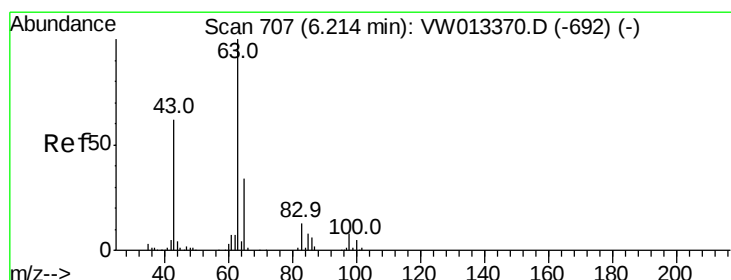
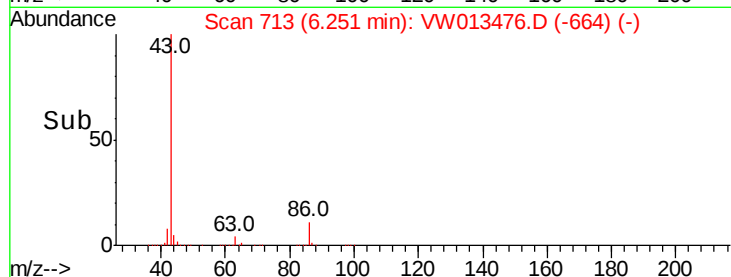
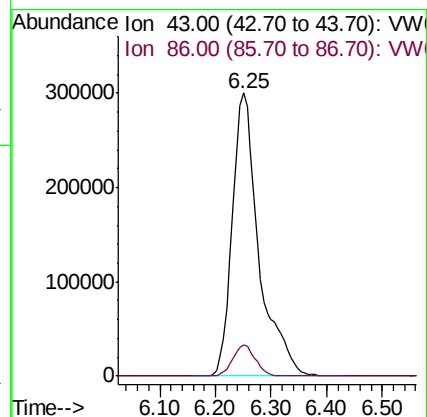
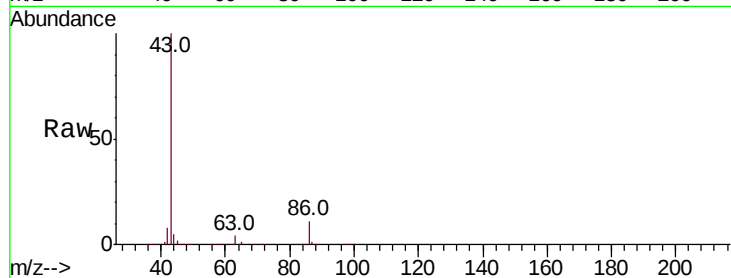
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 997454

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



#24

1,1-Dichloroethane

Concen: 47.236 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

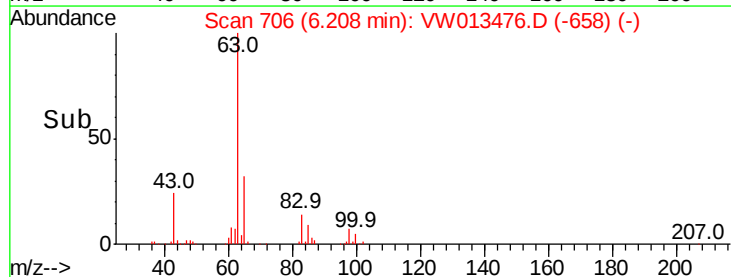
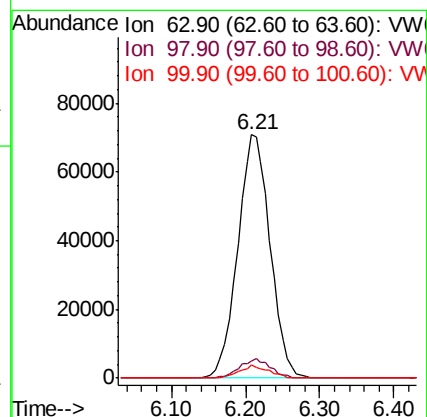
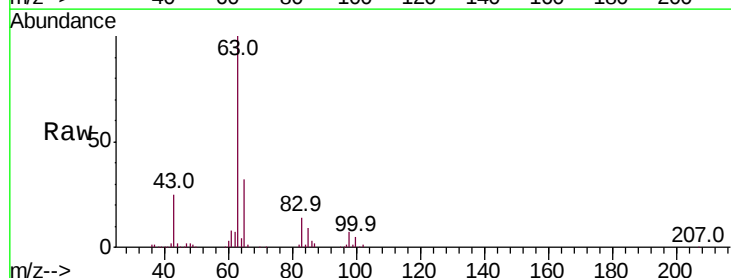
Tgt Ion: 63 Resp: 214634

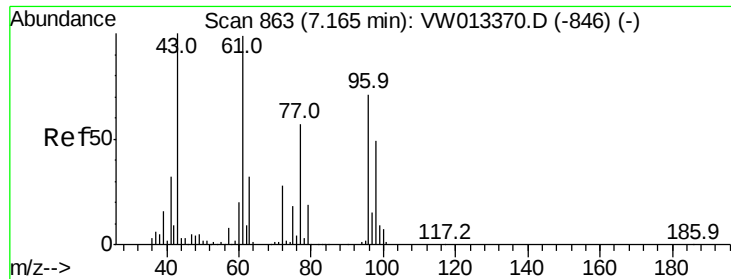
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 198.112 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

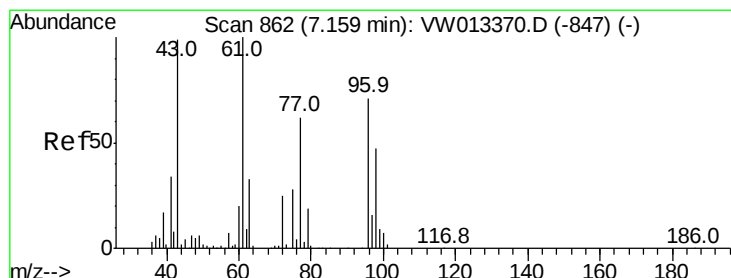
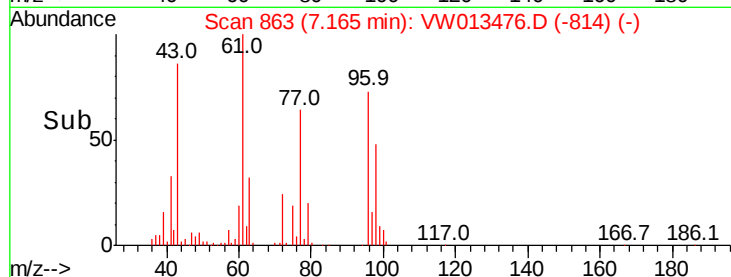
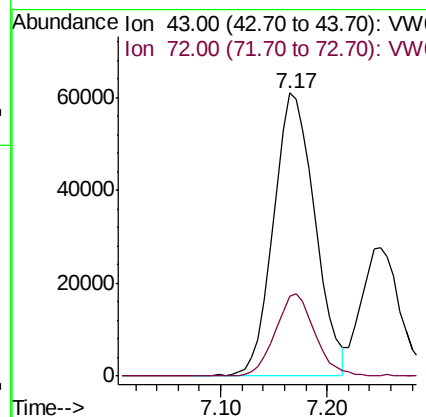
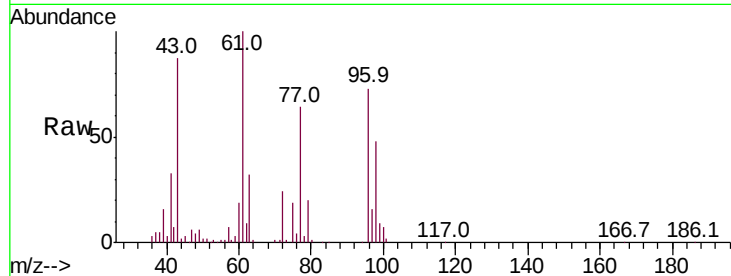
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 164580

Ion Ratio Lower Upper

43 100

72 28.2 19.4 29.0



#26

2,2-Dichloropropane

Concen: 49.853 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013476.D

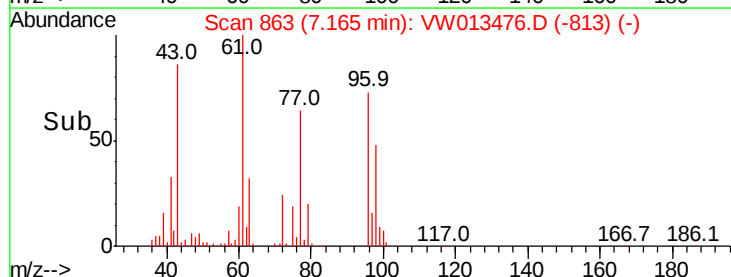
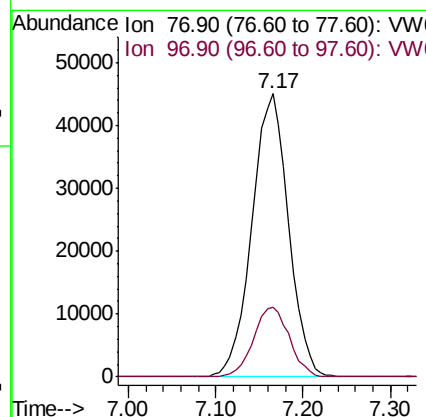
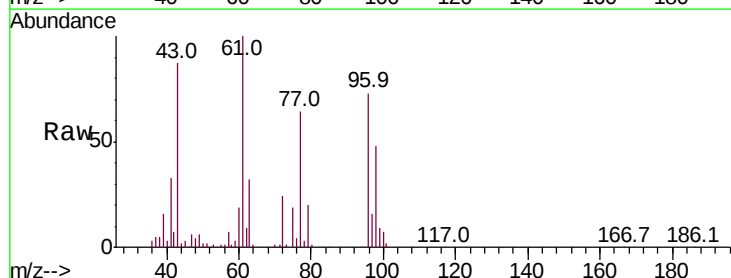
Acq: 07 Oct 2019 20:46

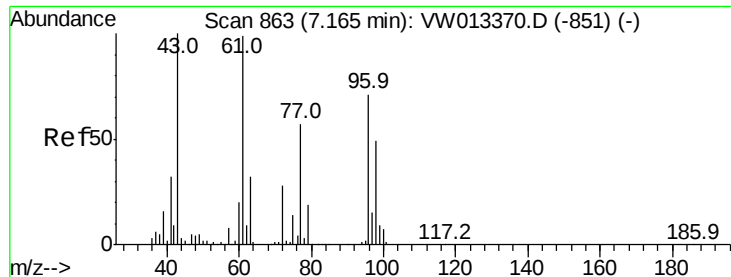
Tgt Ion: 77 Resp: 131075

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4



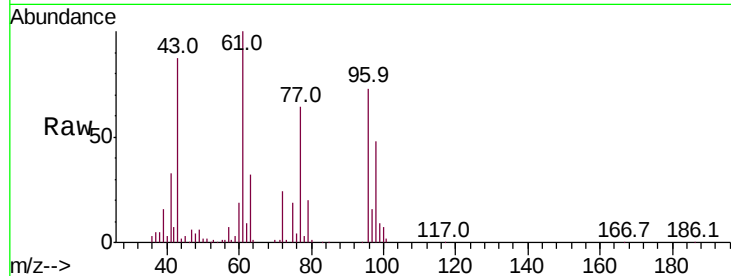


#27

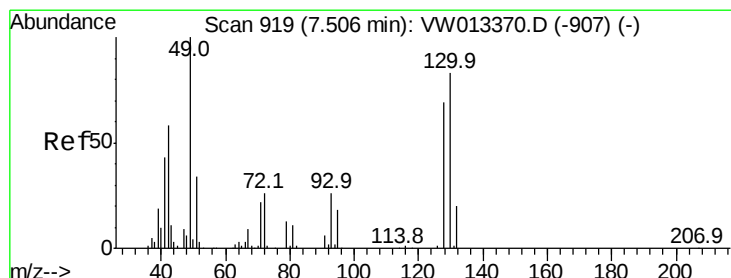
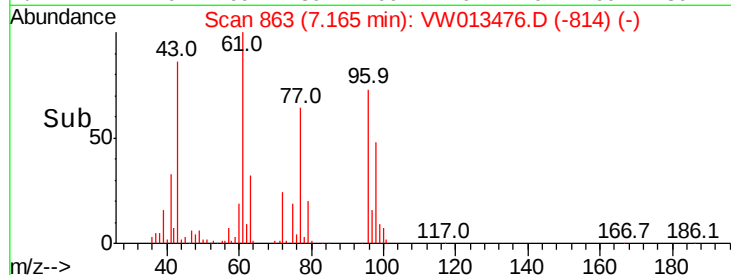
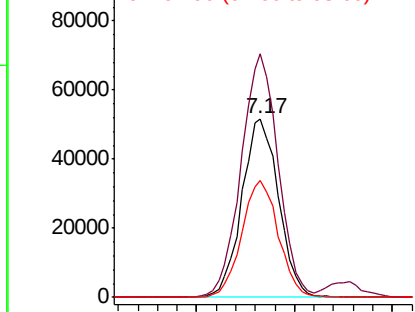
cis-1,2-Dichloroethene
Concen: 46.474 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	282.4
98	65.4	0.0	128.2



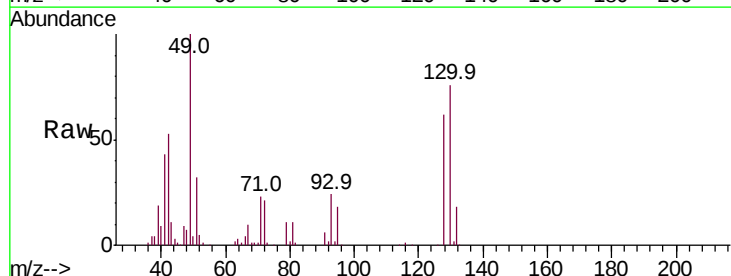
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



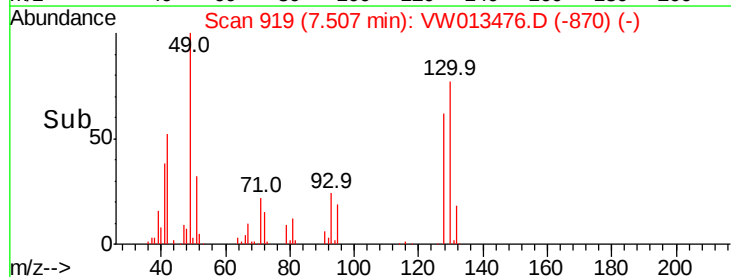
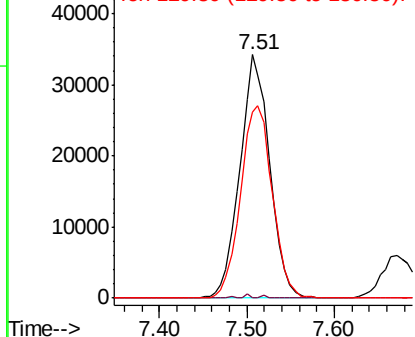
#28

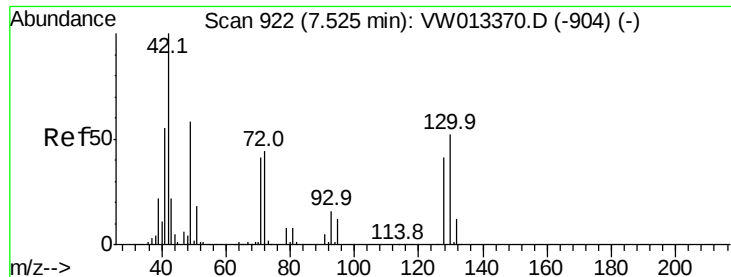
Bromochloromethane
Concen: 49.300 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	1.0
130	83.8	63.4	95.2



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: 223.259 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

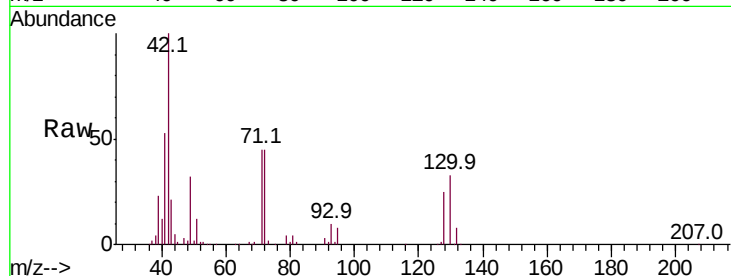
Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 107356

Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.9	50.9
71	41.8	31.9	47.9

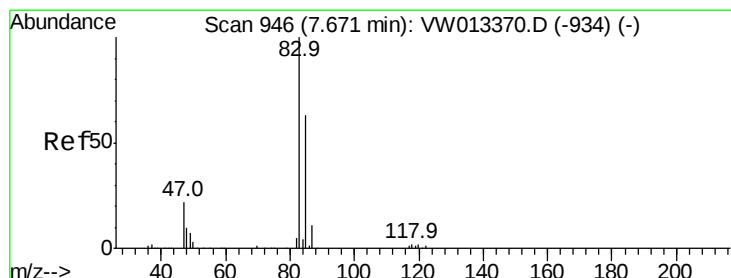
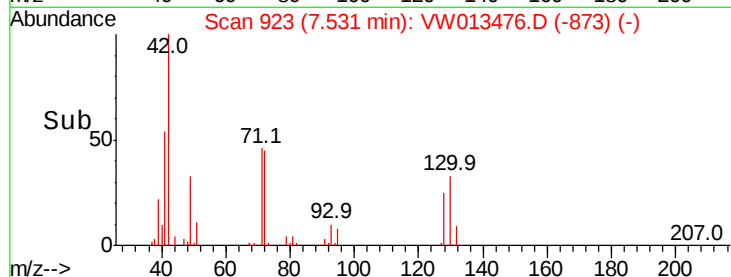
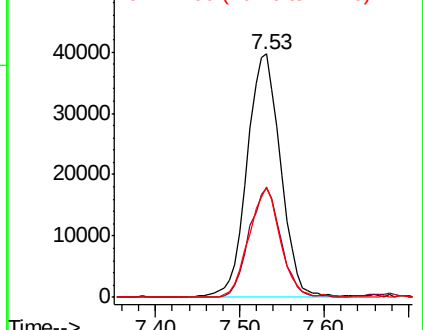


Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 45.848 ug/l

RT: 7.67 min Scan# 946

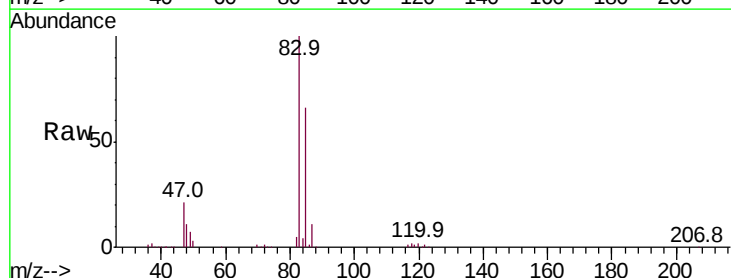
Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Tgt Ion: 83 Resp: 204278

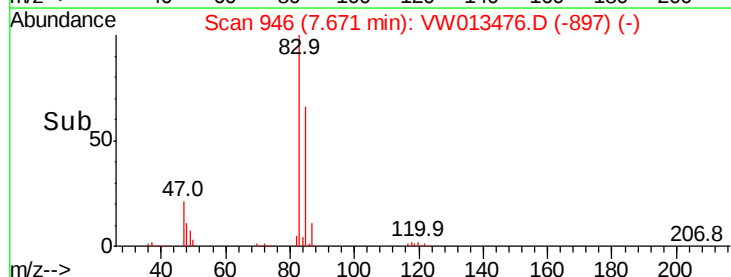
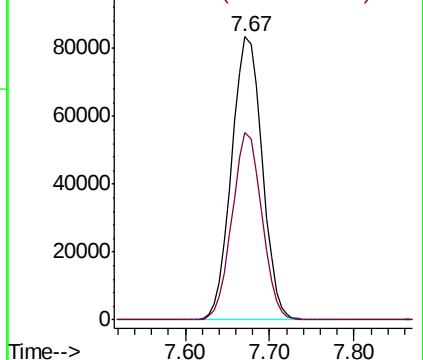
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.3	78.5

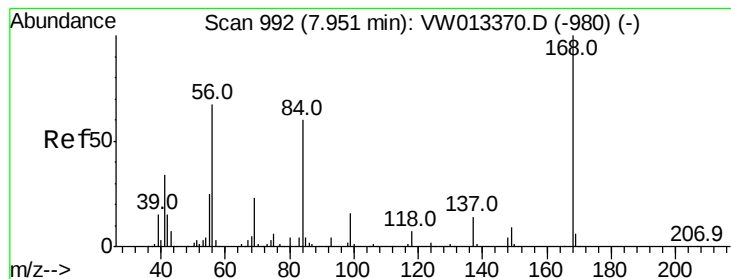


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 48.316 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampled :

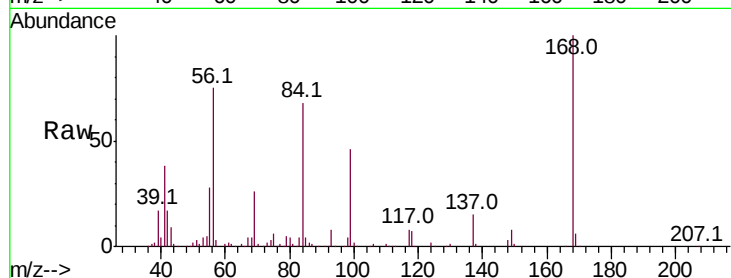
Tot Ion: 56 Resp: 234127

Ion Ratio Lower Upper

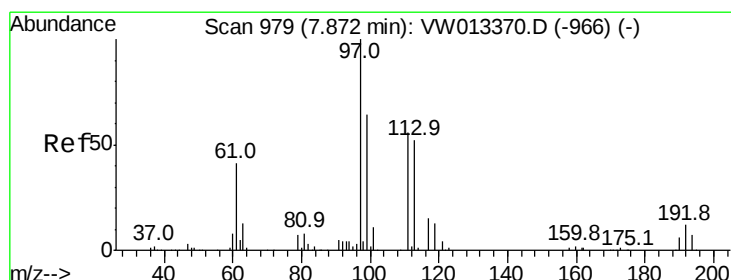
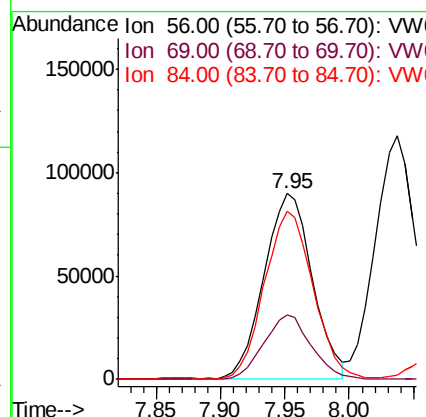
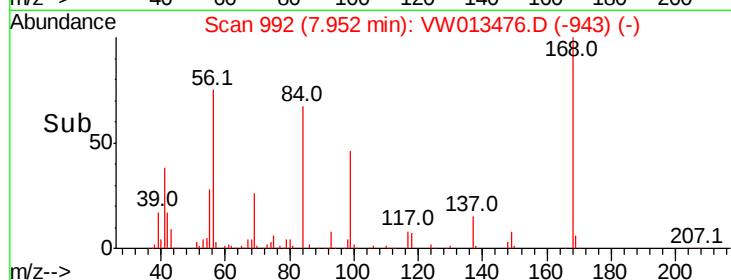
56 100

69 34.5 27.2 40.8

84 89.4 70.8 106.2



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: 51.212 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

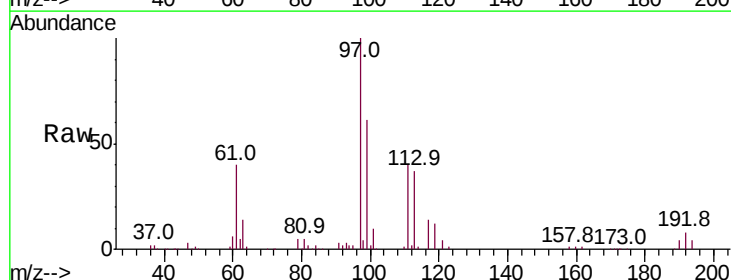
Tgt Ion: 97 Resp: 178760

Ion Ratio Lower Upper

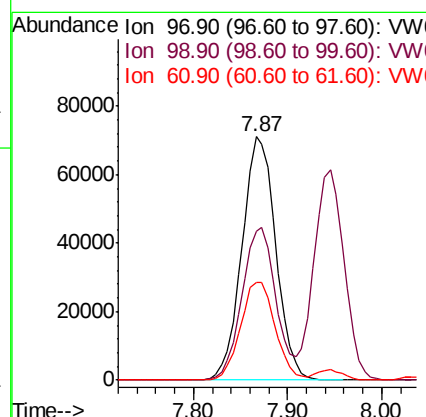
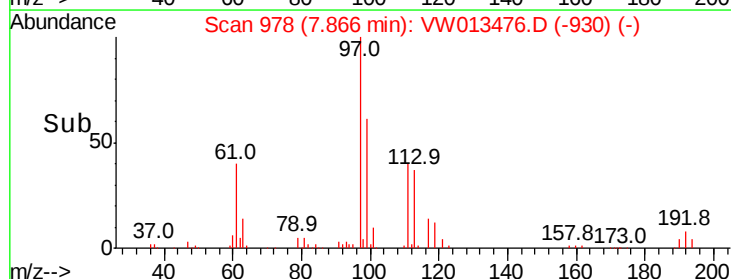
97 100

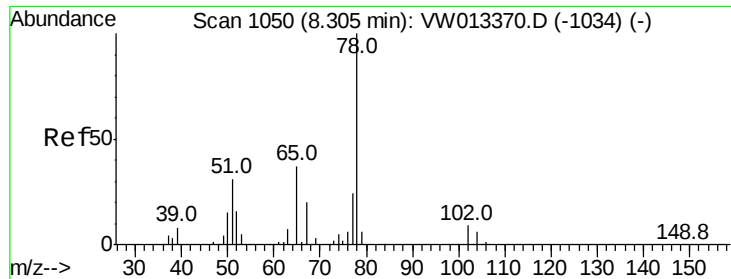
99 63.3 51.7 77.5

61 41.2 34.6 51.8



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: 46.397 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

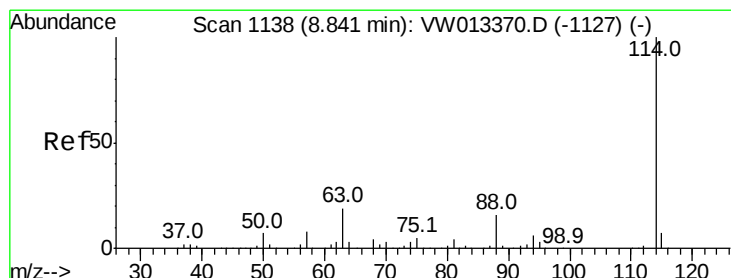
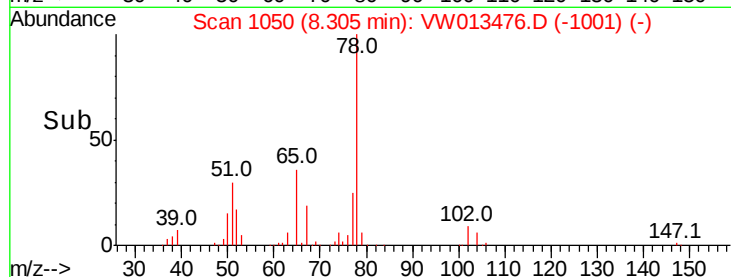
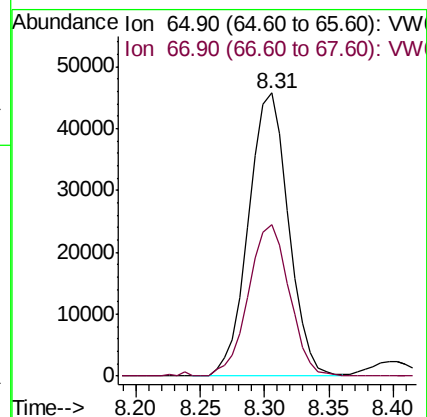
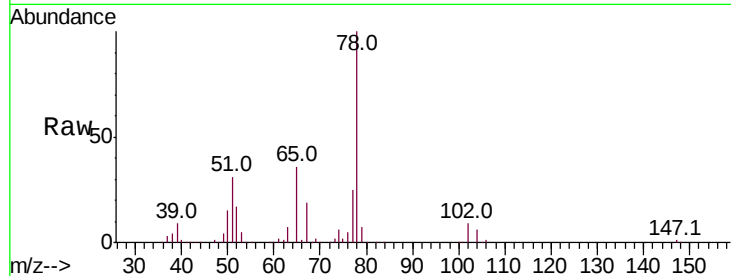
ClientSampled :

Tot Ion: 65 Resp: 98272

Ion Ratio Lower Upper

65 100

67 54.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

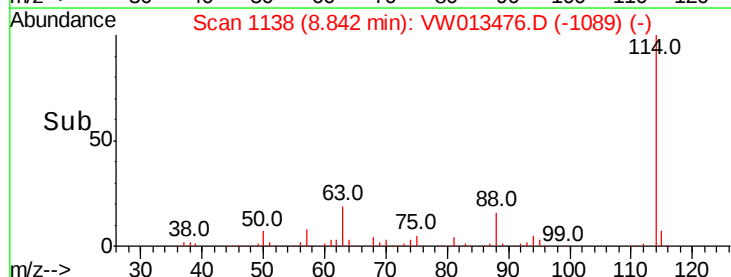
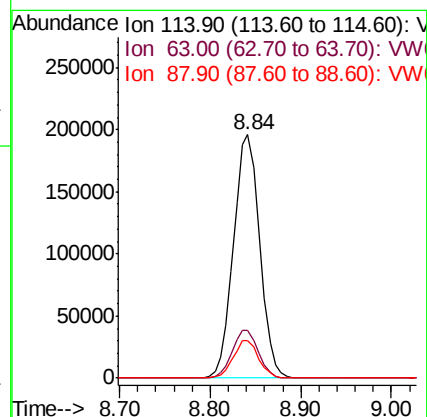
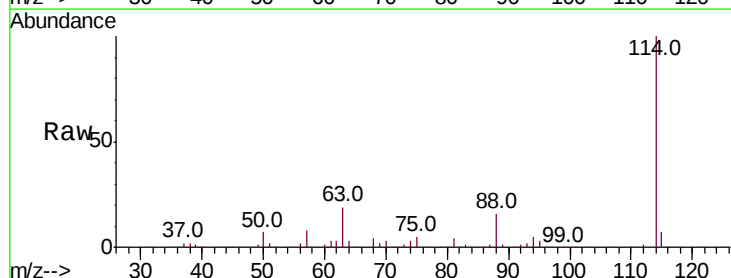
Tgt Ion: 114 Resp: 393357

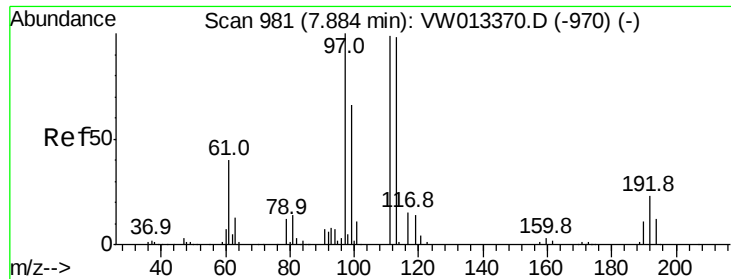
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.569 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

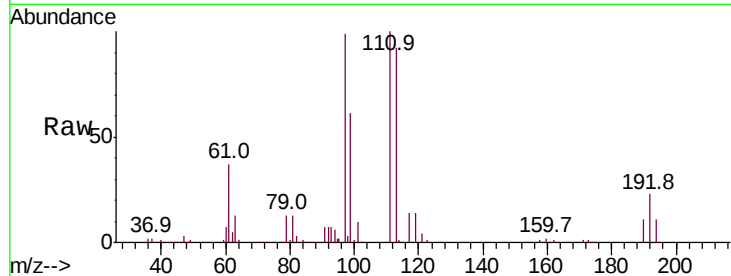
Tot Ion:113 Resp: 104377

Ion Ratio Lower Upper

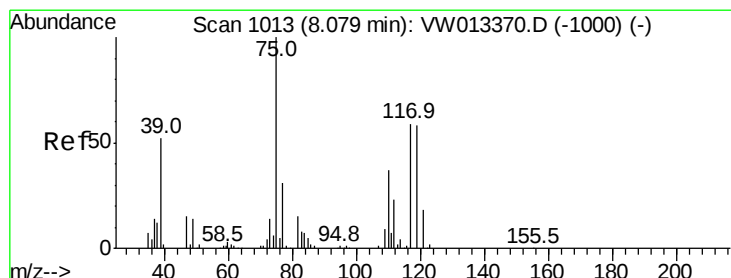
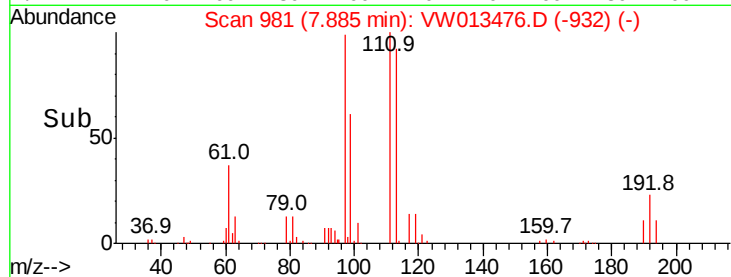
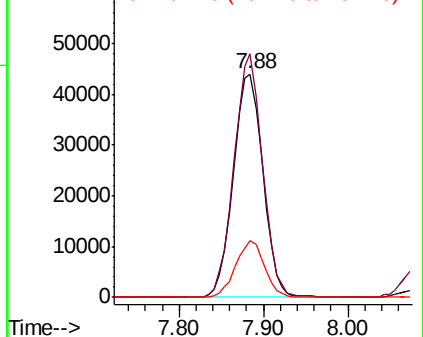
113 100

111 104.6 81.9 122.9

192 24.4 19.1 28.7



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: 51.417 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

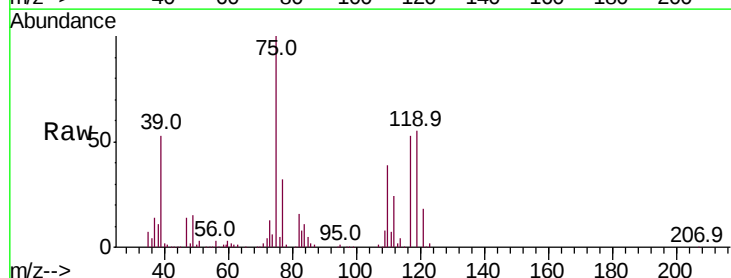
Tgt Ion: 75 Resp: 187855

Ion Ratio Lower Upper

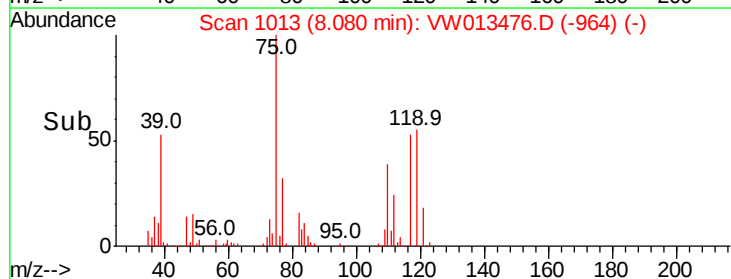
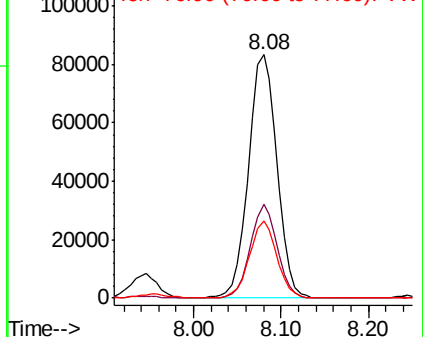
75 100

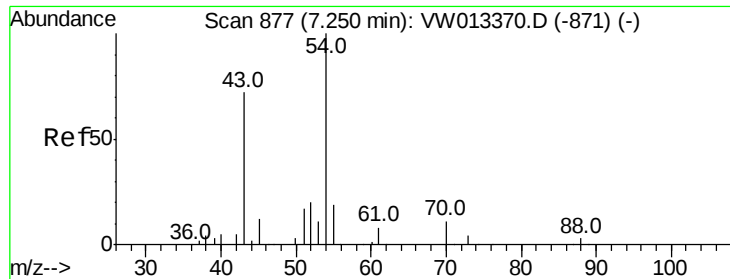
110 36.3 18.1 54.3

77 30.7 25.8 38.6



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

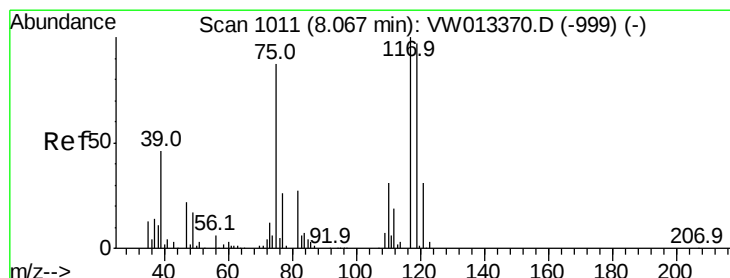
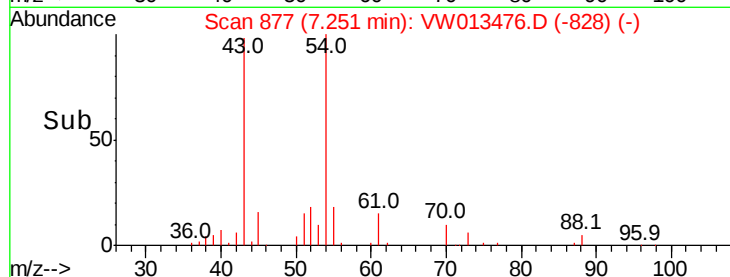
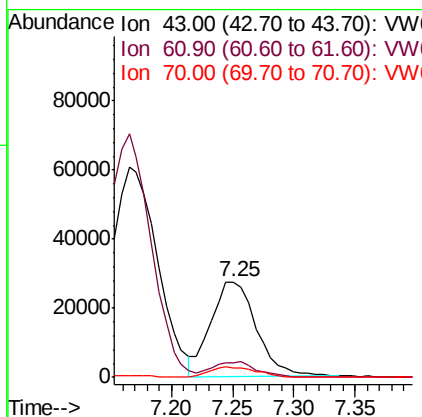
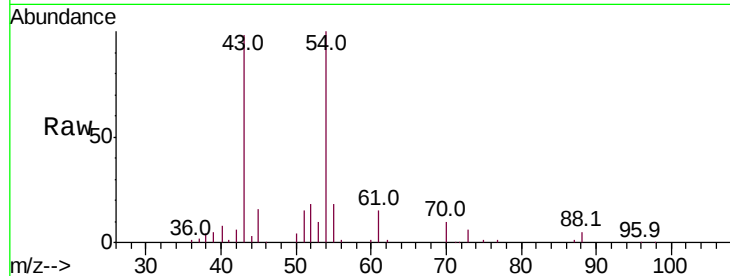




#37
Ethyl Acetate
Concen: 44.130 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

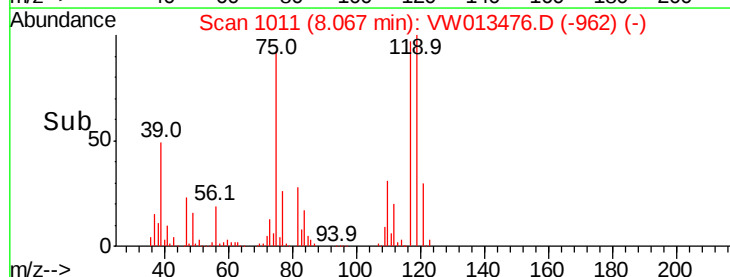
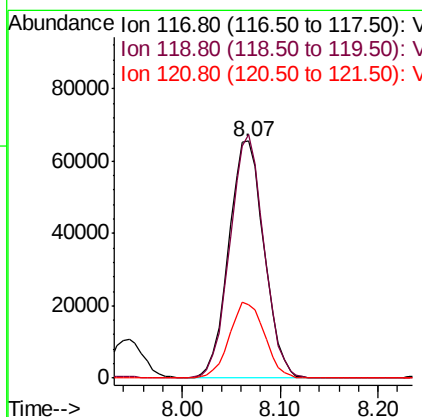
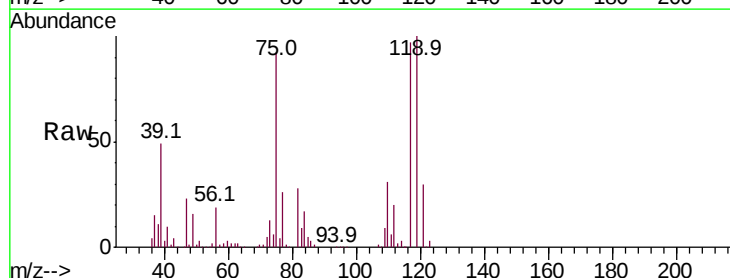
Instrument :
MSVOA_W
ClientSampled :

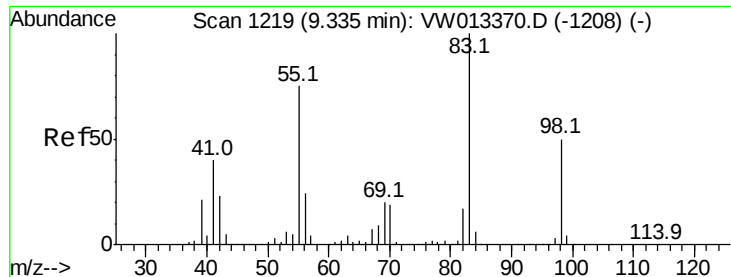
Tot Ion: 43 Resp: 71130
Ion Ratio Lower Upper
43 100
61 16.0 10.9 16.3
70 11.6 8.2 12.2



#38
Carbon Tetrachloride
Concen: 51.871 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion: 117 Resp: 164163
Ion Ratio Lower Upper
117 100
119 102.7 73.5 110.3
121 31.0 25.0 37.6

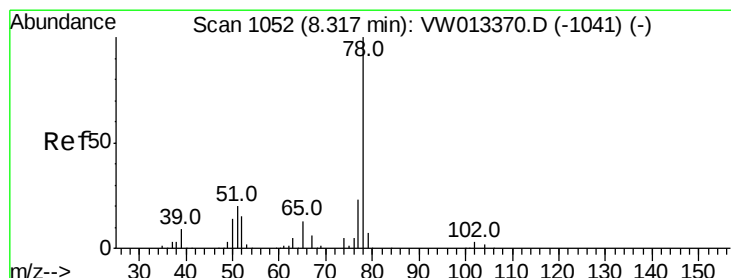
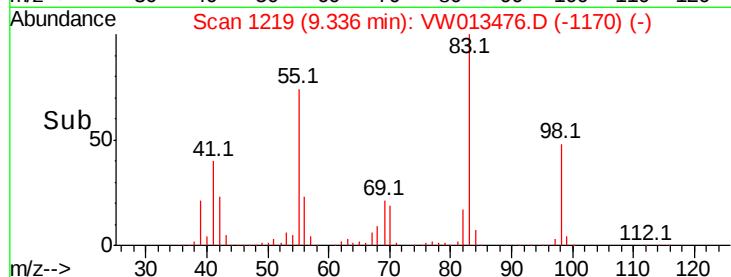
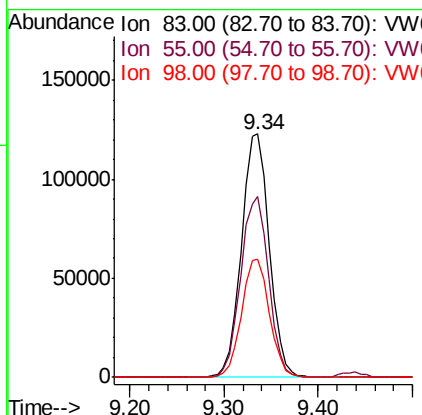
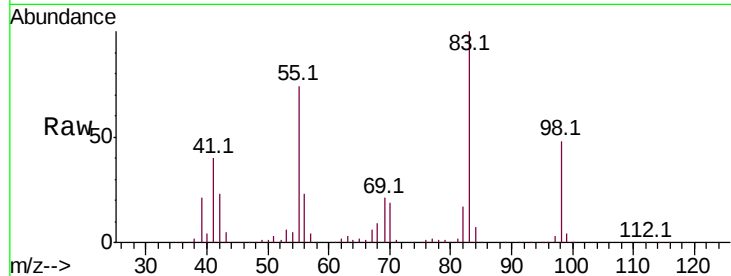




#39
Methvlcvclohexane
Concen: 52.852 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

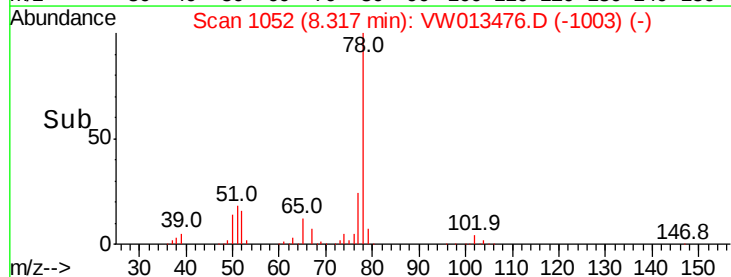
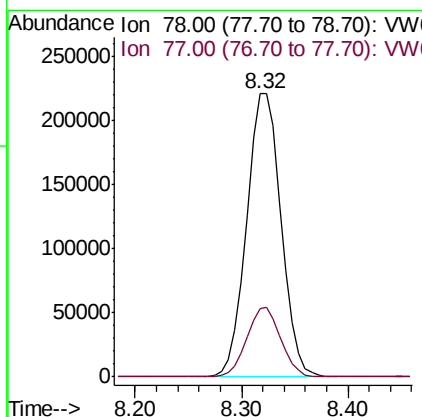
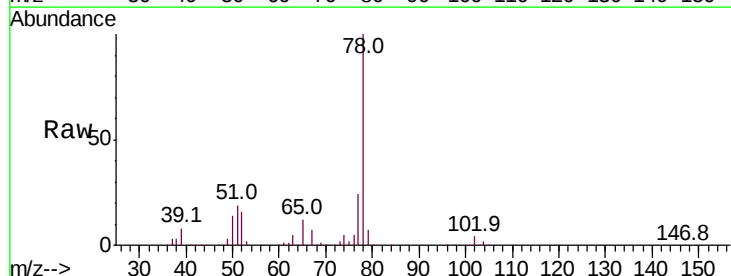
Instrument :
MSVOA_W
ClientSampleId :

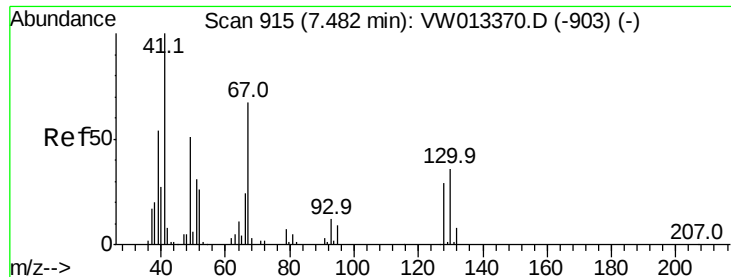
Tot Ion: 83 Resp: 254303
Ion Ratio Lower Upper
83 100
55 74.4 60.4 90.6
98 48.4 40.0 60.0



#40
Benzene
Concen: 48.572 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion: 78 Resp: 502353
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

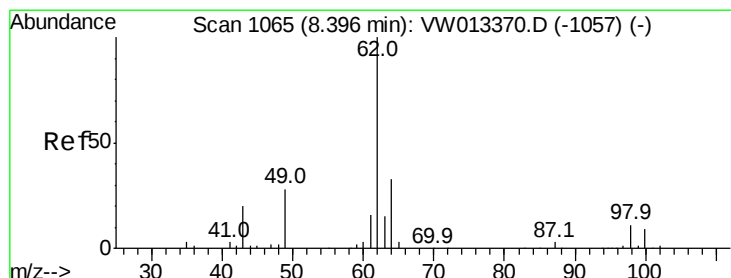
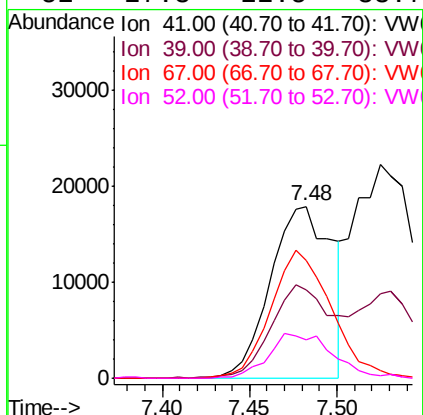
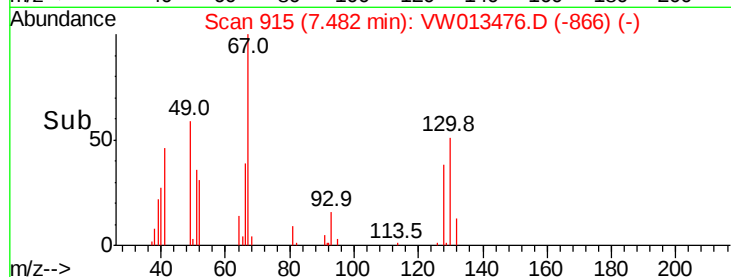
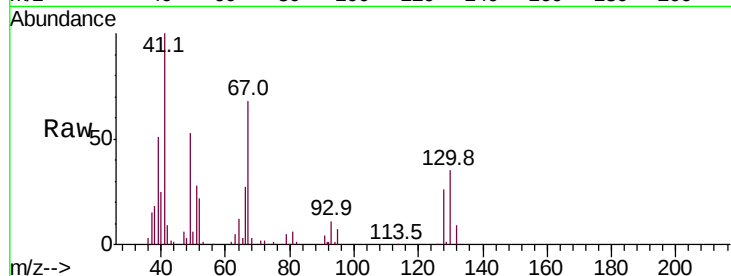




#41
Methacrylonitrile
Concen: 45.333 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

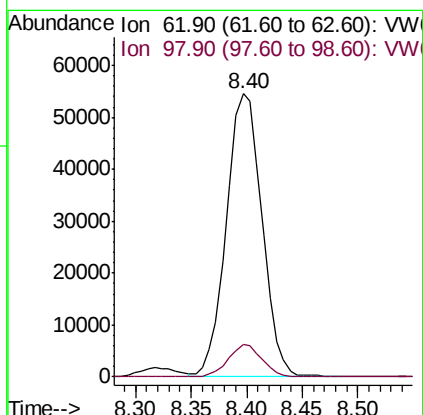
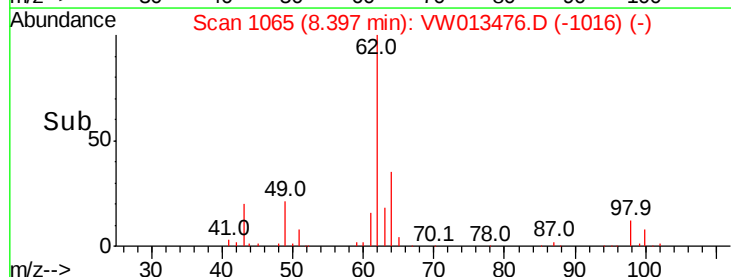
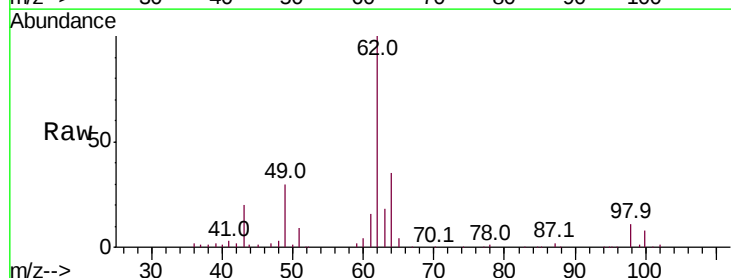
Instrument :
MSVOA_W
ClientSampled :

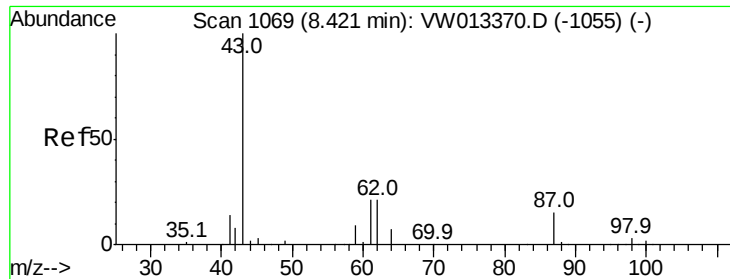
Tot Ion: 41 Resp: 44074
Ion Ratio Lower Upper
41 100
39 56.8 45.9 68.9
67 73.3 54.5 81.7
52 27.3 22.5 33.7



#42
1,2-Dichloroethane
Concen: 45.673 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion: 62 Resp: 121406
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.6





#43

Isopropyl Acetate

Concen: 46.203 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :
MSVOA_W
ClientSampleId :

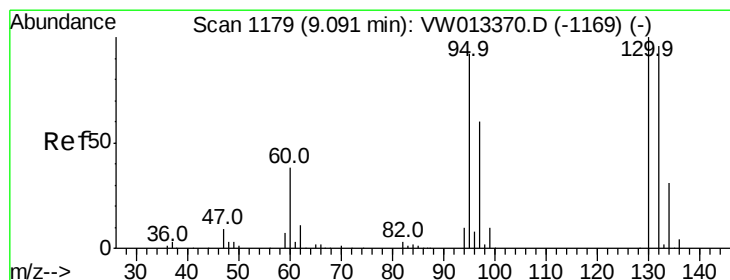
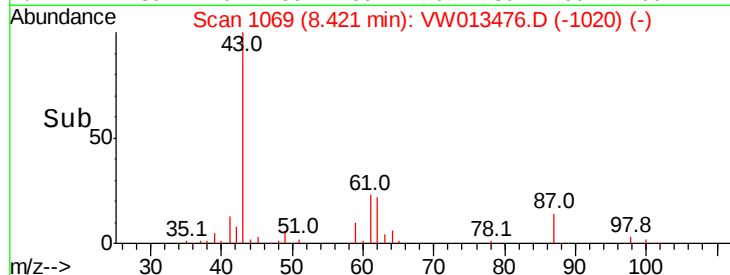
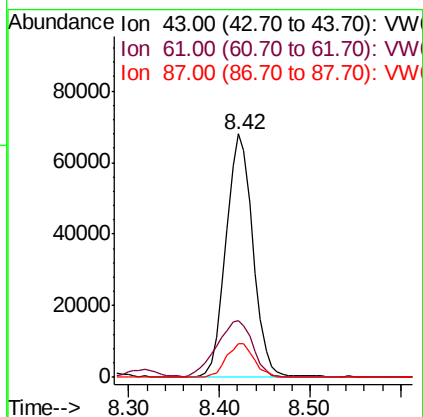
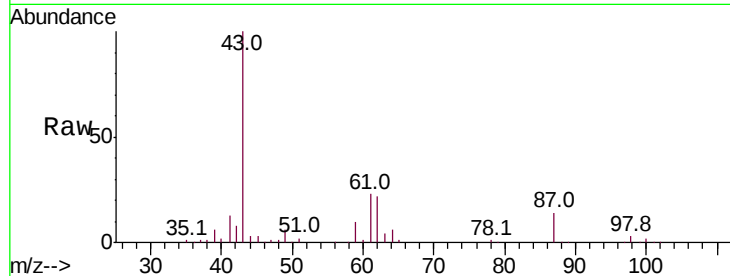
Tot Ion: 43 Resp: 140218

Ion Ratio Lower Upper

43 100

61 31.3 25.5 38.3

87 14.3 11.0 16.4



#44

Trichloroethene

Concen: 50.237 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013476.D

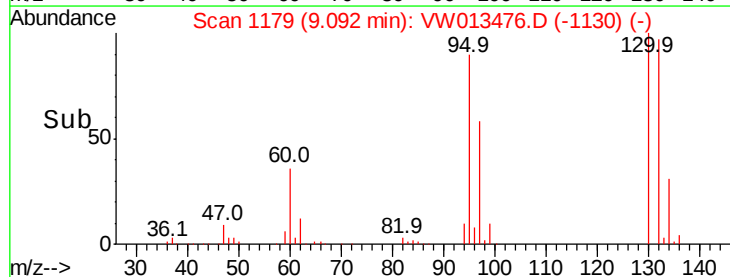
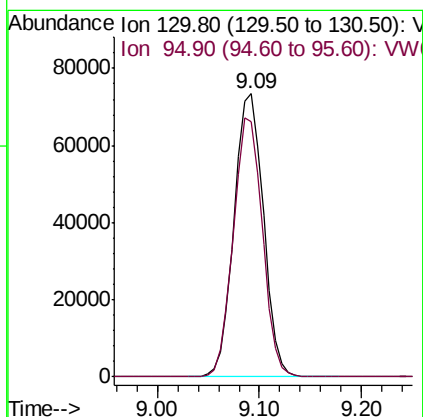
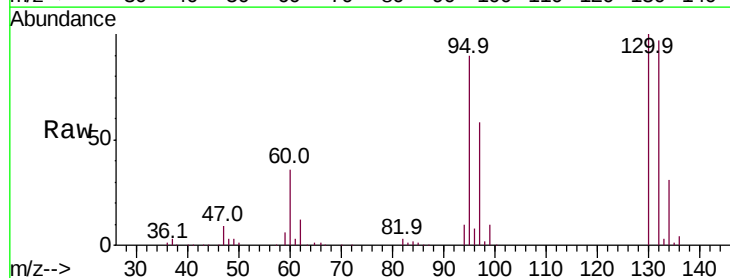
Acq: 07 Oct 2019 20:46

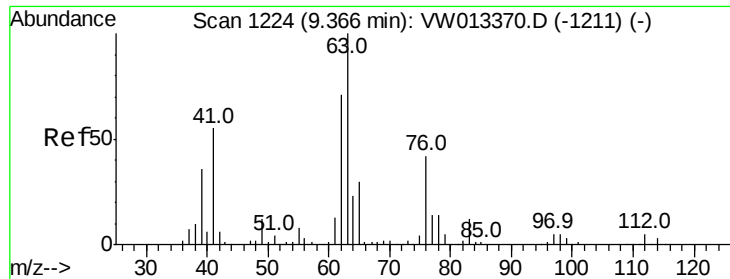
Tgt Ion: 130 Resp: 146311

Ion Ratio Lower Upper

130 100

95 90.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 47.317 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

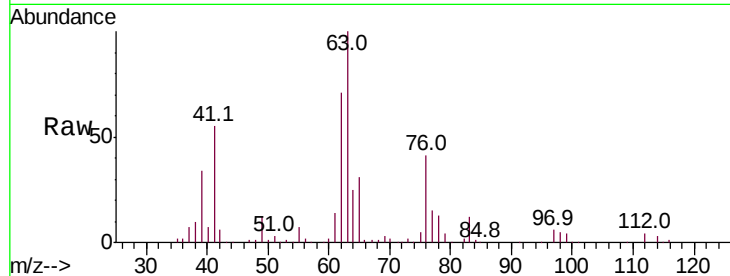
ClientSampleId :

Tot Ion: 63 Resp: 117498

Ion Ratio Lower Upper

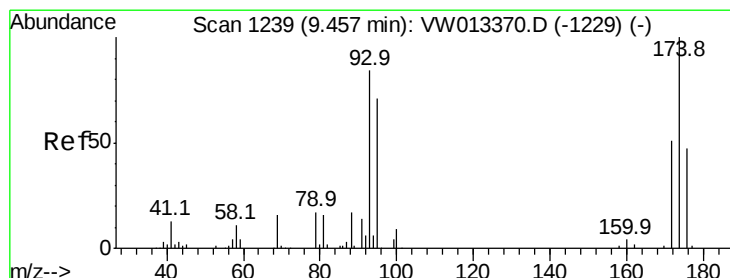
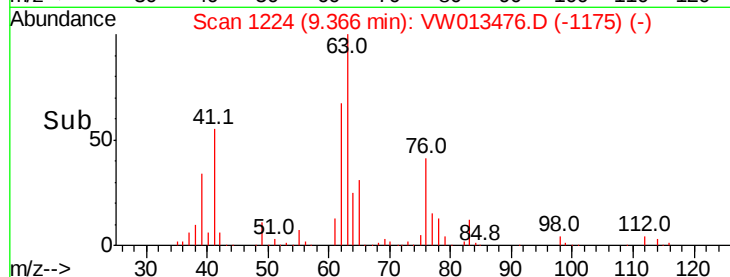
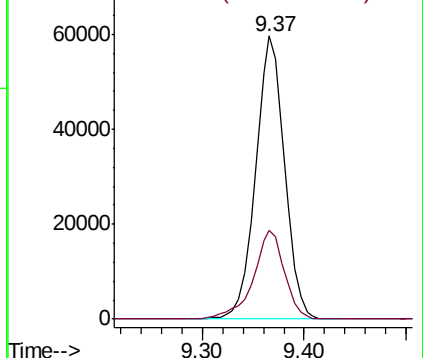
63 100

65 31.3 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 45.482 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

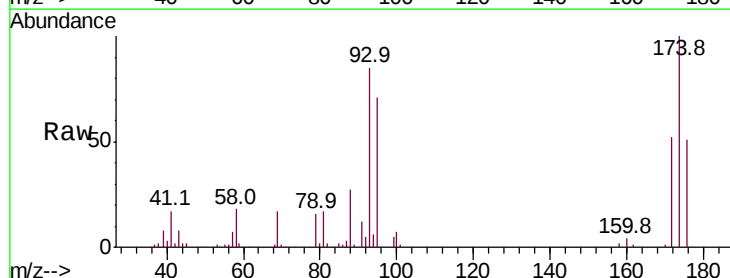
Tgt Ion: 93 Resp: 56254

Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

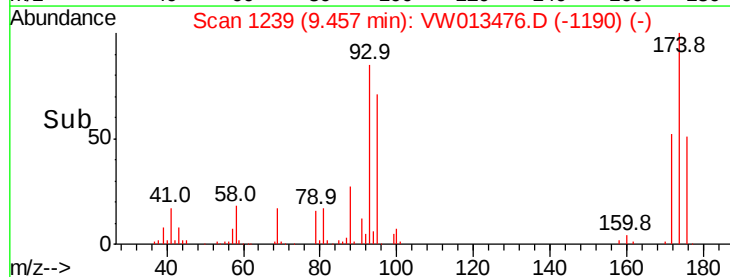
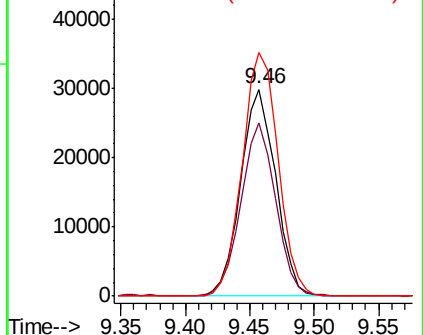
174 120.7 93.0 139.6

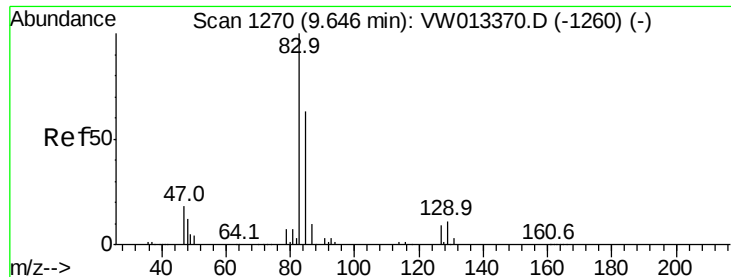


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.526 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :
MSVOA_W
ClientSampleId :

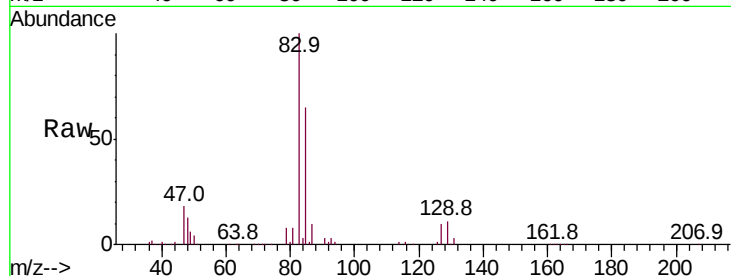
Tot Ion: 83 Resp: 144707

Ion Ratio Lower Upper

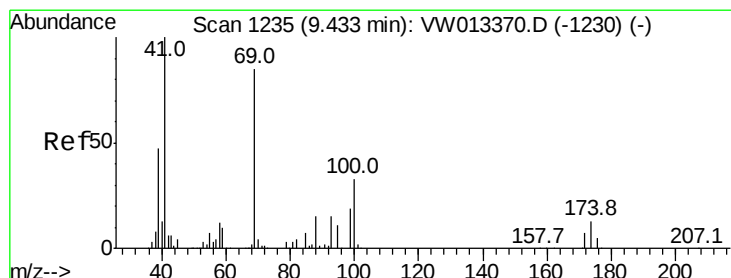
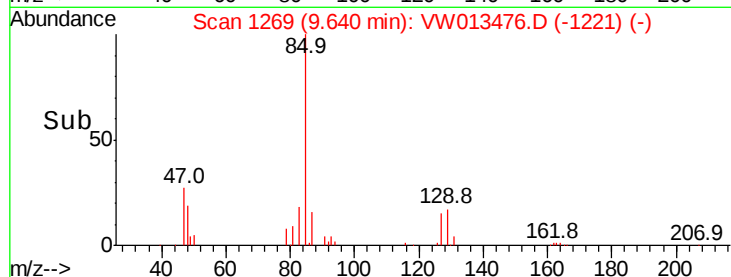
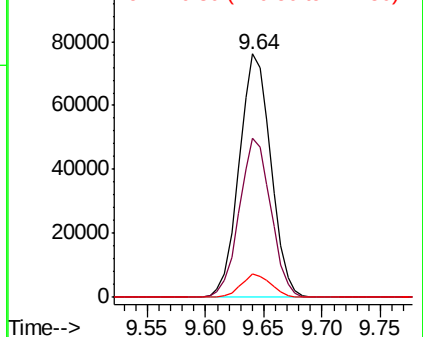
83 100

85 65.1 49.4 74.2

127 9.7 6.5 9.7



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



#48

Methyl methacrylate

Concen: 47.721 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

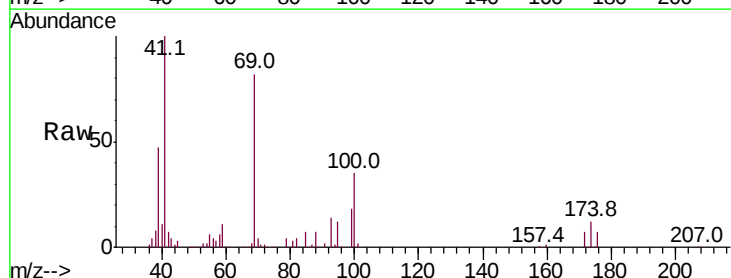
Tgt Ion: 41 Resp: 69586

Ion Ratio Lower Upper

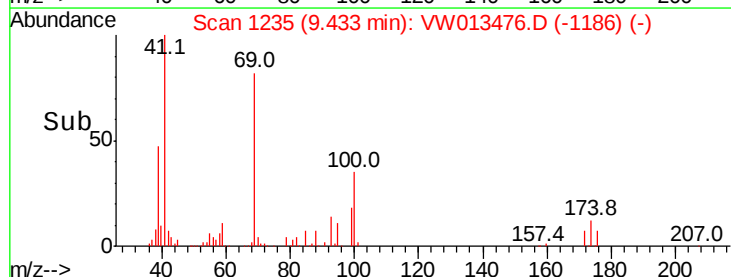
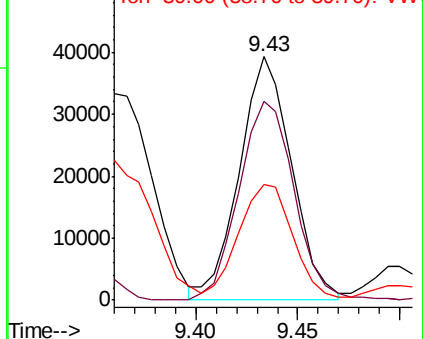
41 100

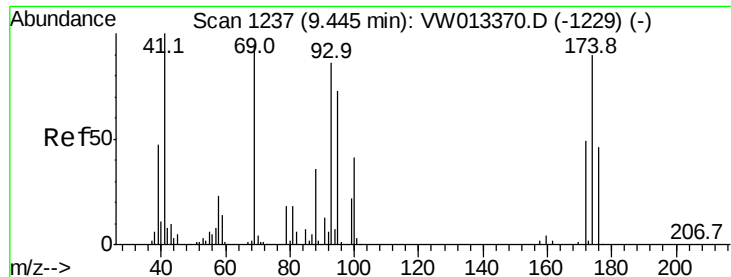
69 86.9 69.7 104.5

39 47.3 41.1 61.7



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





#49

1,4-Dioxane

Concen: 1039.422 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

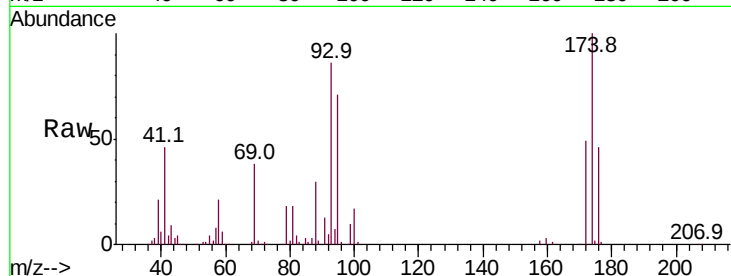
Tot Ion: 88 Resp: 19810

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

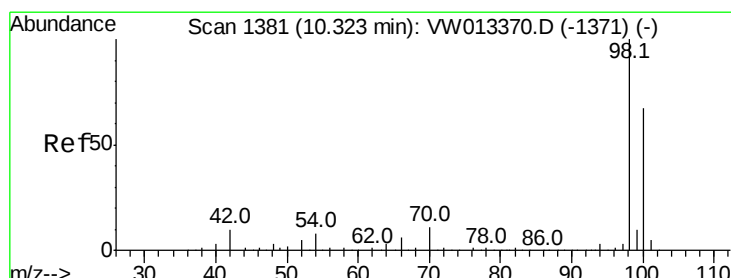
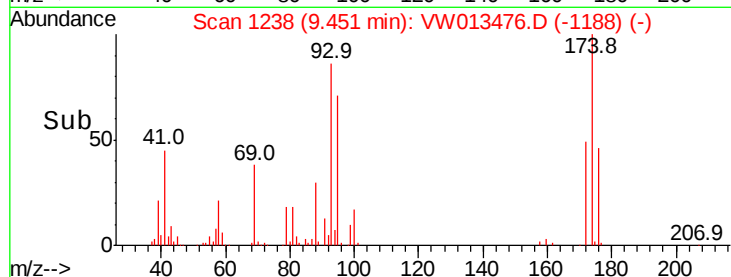
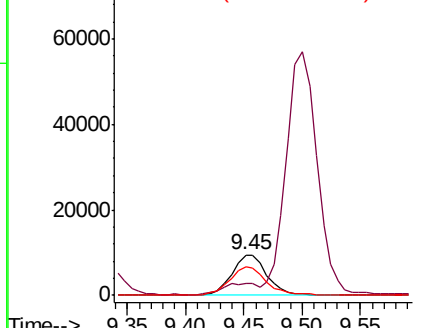
58 74.0 65.4 98.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013476.D

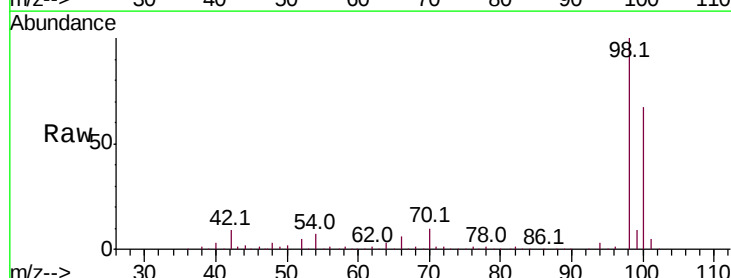
Acq: 07 Oct 2019 20:46

Tgt Ion: 98 Resp: 455846

Ion Ratio Lower Upper

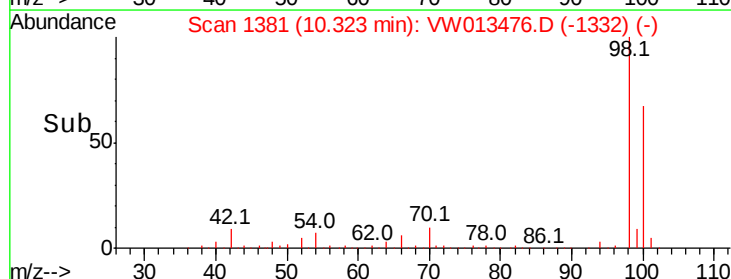
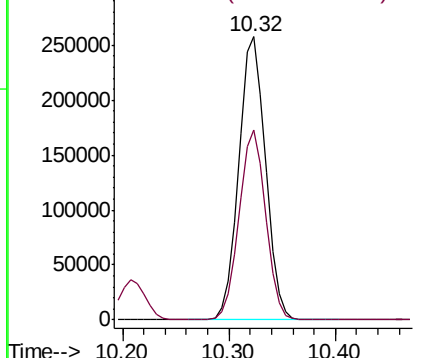
98 100

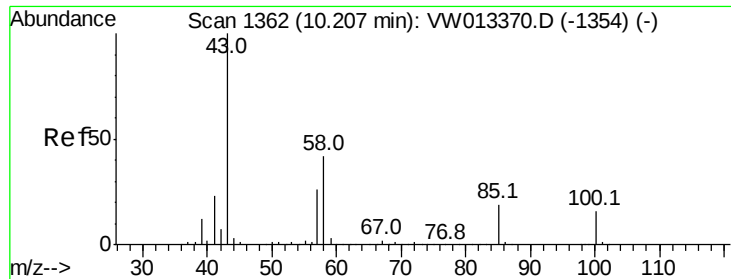
100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 225.232 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

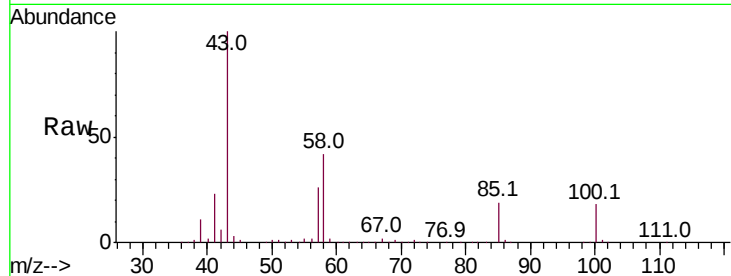
ClientSampled :

Tot Ion: 43 Resp: 359126

Ion Ratio Lower Upper

43 100

58 40.7 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

150000

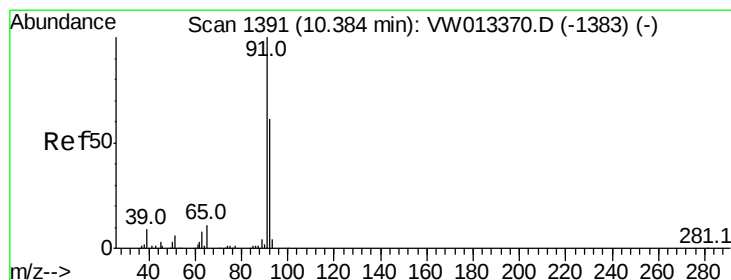
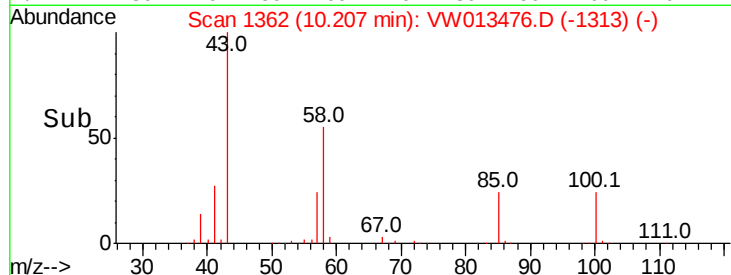
100000

50000

0

Time-->

10.10 10.20 10.30



#52

Toluene

Concen: 49.072 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013476.D

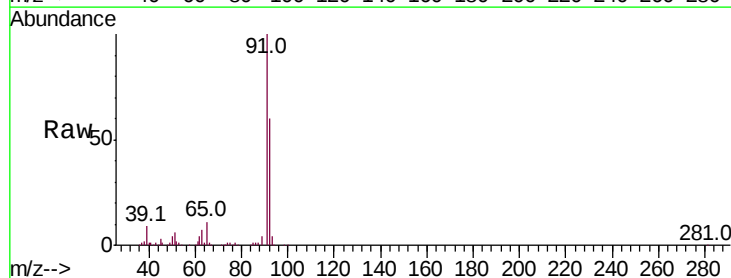
Acq: 07 Oct 2019 20:46

Tgt Ion: 92 Resp: 327348

Ion Ratio Lower Upper

92 100

91 170.1 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

300000

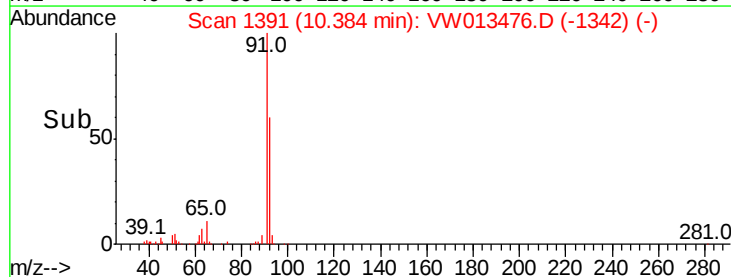
200000

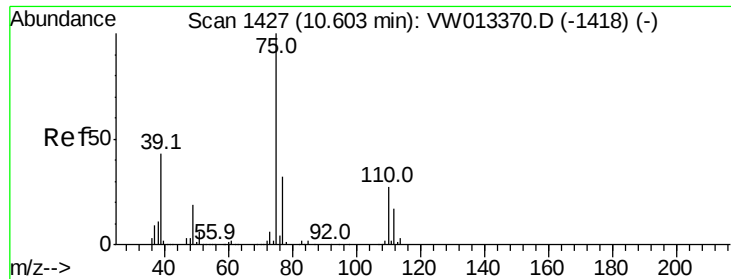
100000

0

Time-->

10.30 10.40

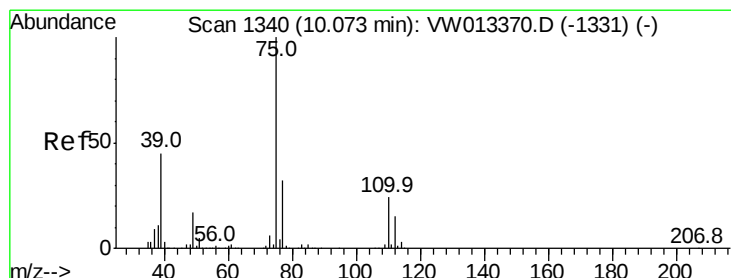
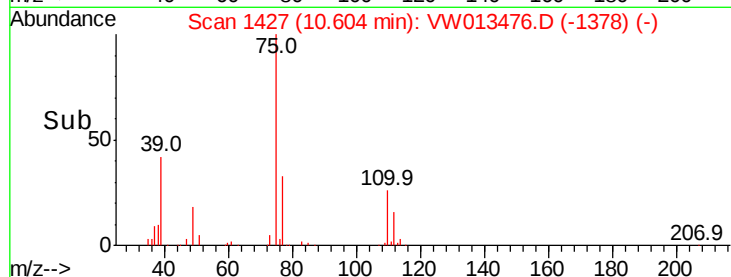
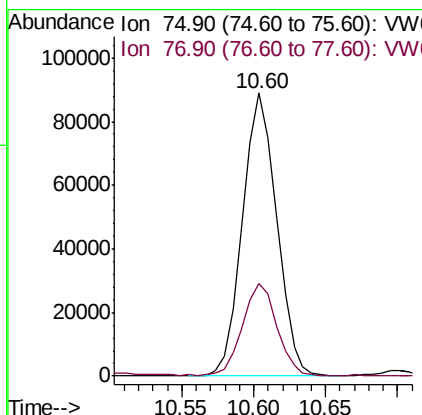
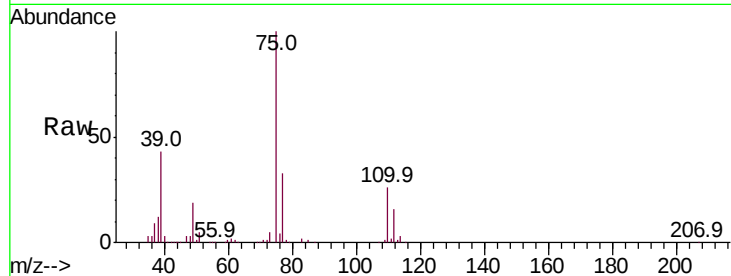




#53
 t-1,3-Dichloropropene
 Concen: 46.296 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

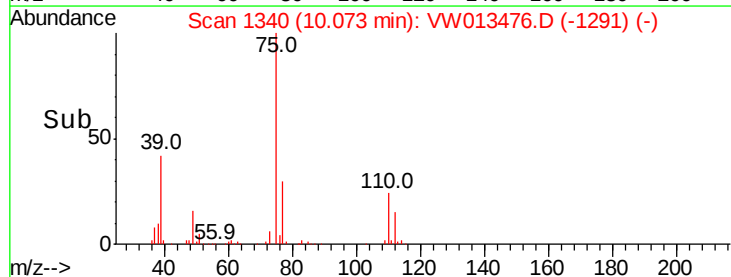
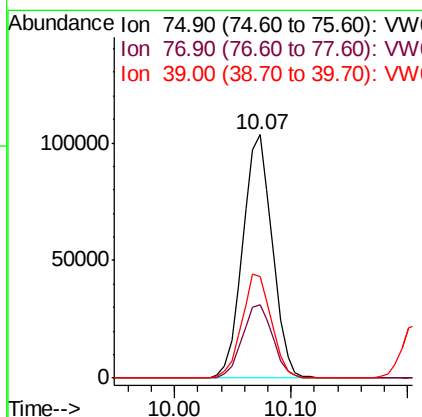
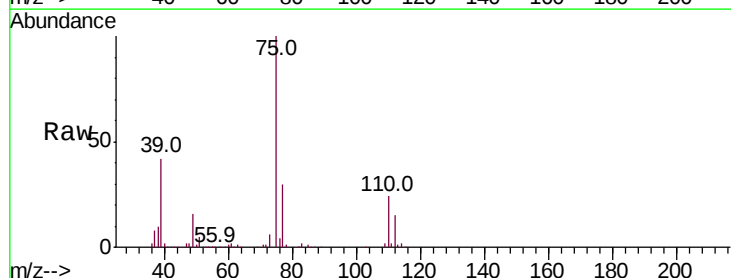
Instrument :
 MSVOA_W
 ClientSampled :

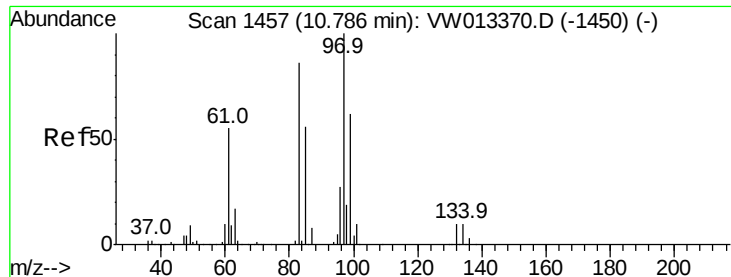
Tot Ion: 75 Resp: 146623
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 47.907 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Tgt Ion: 75 Resp: 183958
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8
 39 41.8 36.6 55.0

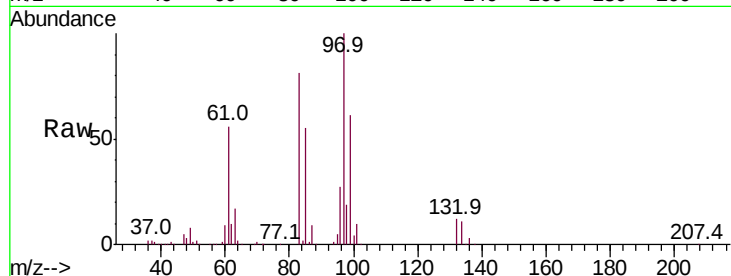




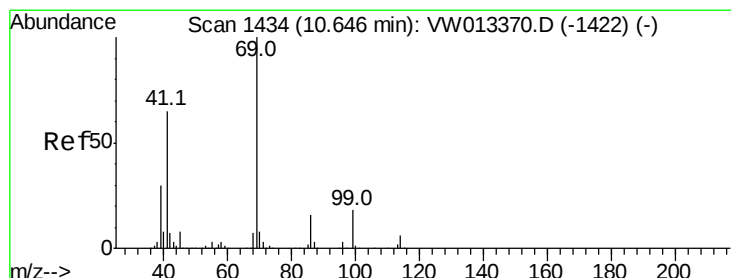
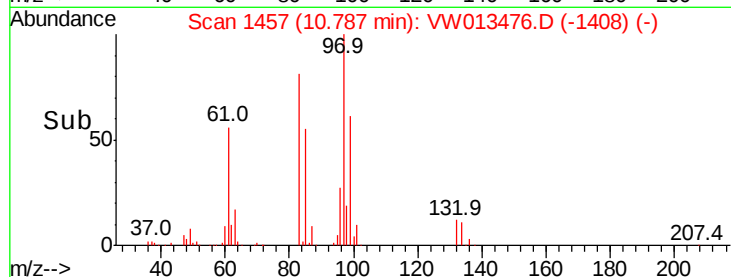
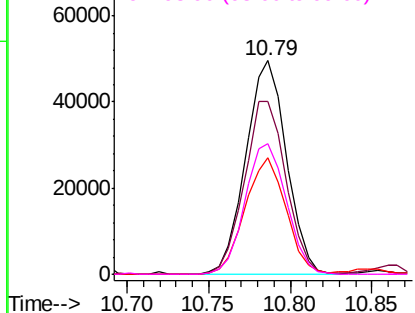
#55
 1,1,2-Trichloroethane
 Concen: 46.578 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	85940
Ion	Ratio	Lower	Upper
97	100		
83	80.7	67.6	101.4
85	54.6	41.9	62.9
99	61.4	50.1	75.1

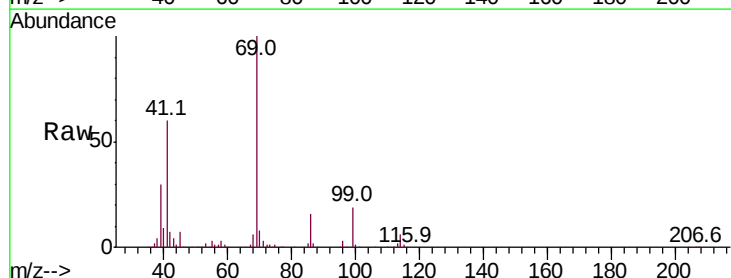


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

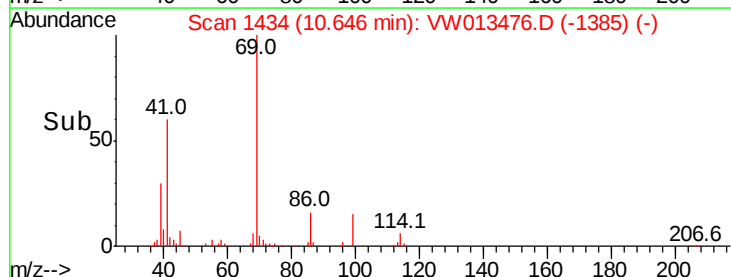
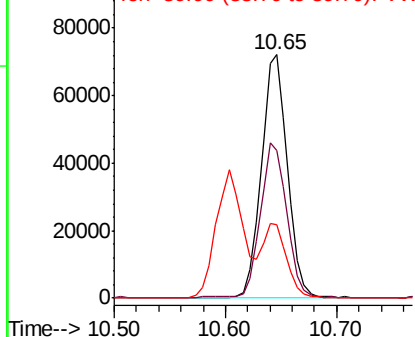


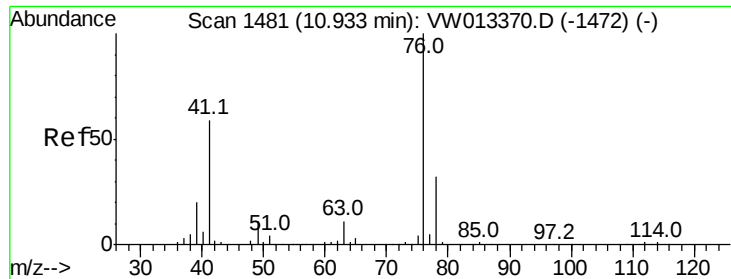
#56
 Ethyl methacrylate
 Concen: 47.346 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Tgt Ion:	69	Resp:	117583
Ion	Ratio	Lower	Upper
69	100		
41	64.6	53.9	80.9
39	27.6	23.8	35.6



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





#57

1,3-Dichloropropane

Concen: 45.183 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

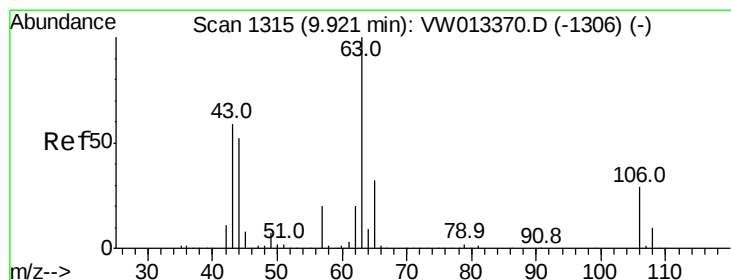
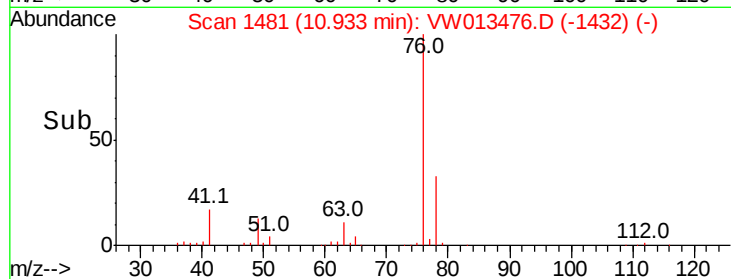
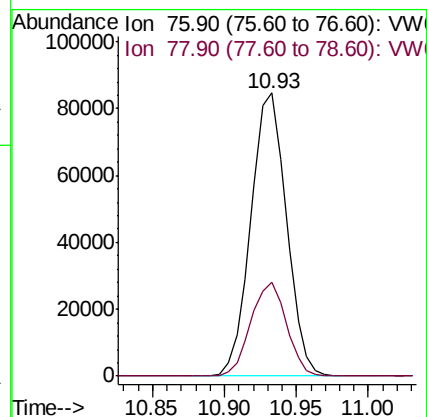
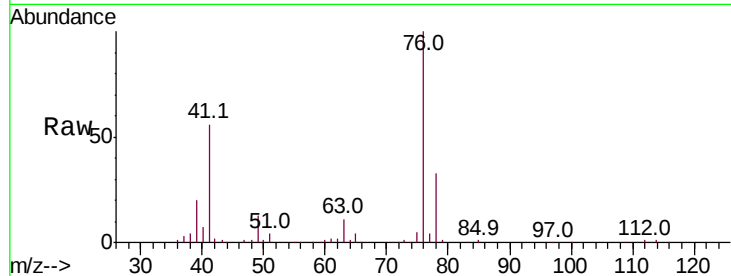
ClientSampled :

Tot Ion: 76 Resp: 144929

Ion Ratio Lower Upper

76 100

78 33.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 254.563 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW013476.D

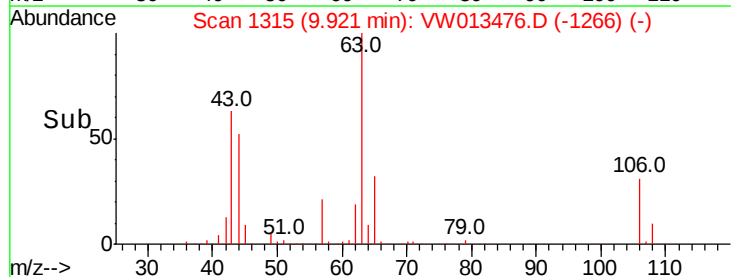
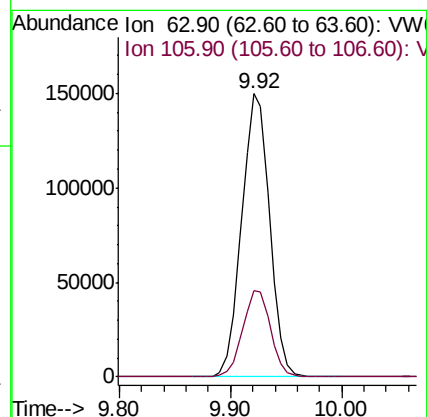
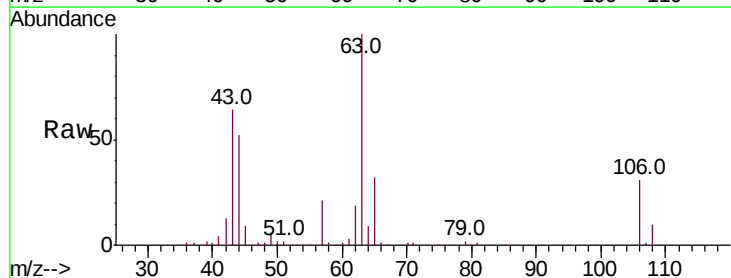
Acq: 07 Oct 2019 20:46

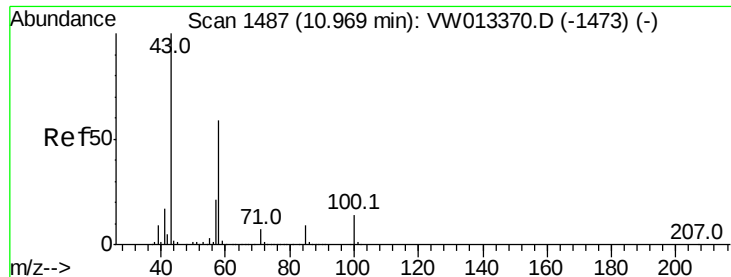
Tgt Ion: 63 Resp: 259696

Ion Ratio Lower Upper

63 100

106 30.4 23.4 35.0





#59

2-Hexanone

Concen: 221.319 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

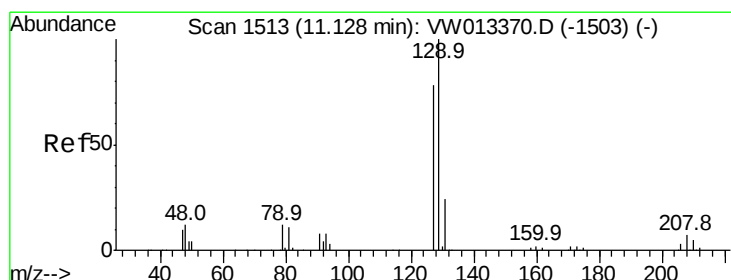
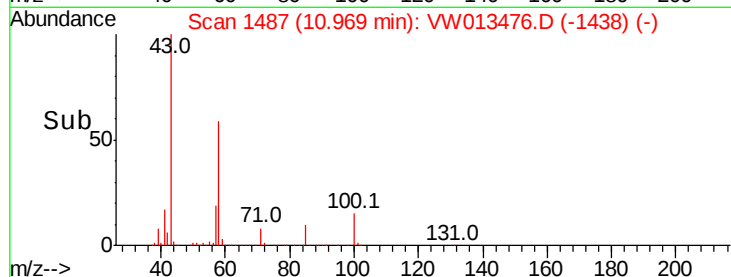
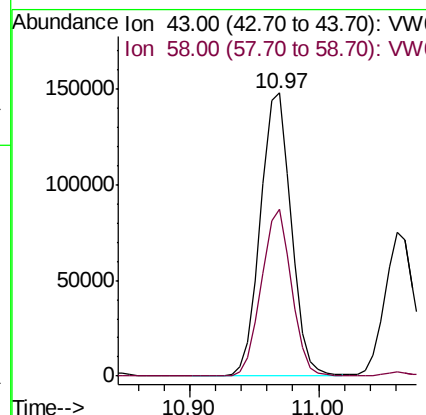
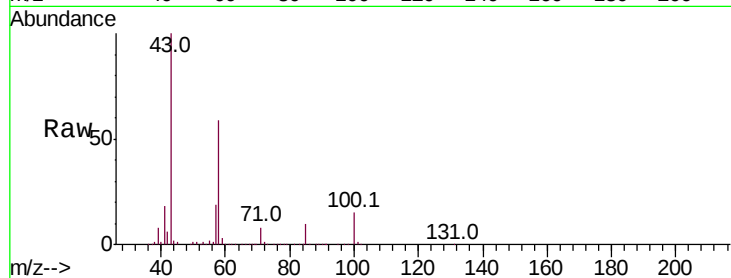
ClientSampleId :

Tot Ion: 43 Resp: 244596

Ion Ratio Lower Upper

43 100

58 57.4 28.1 84.2



#60

Dibromochloromethane

Concen: 47.934 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW013476.D

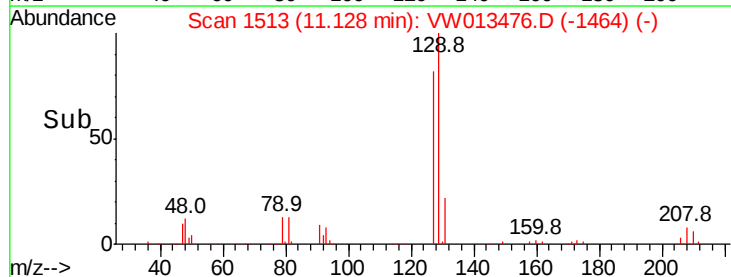
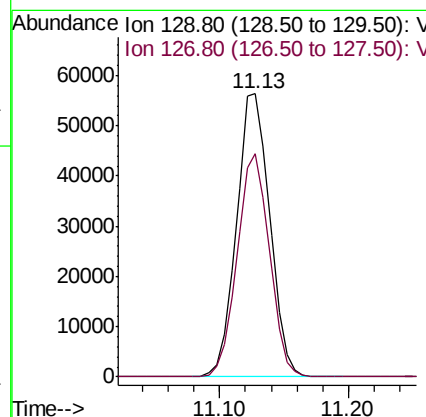
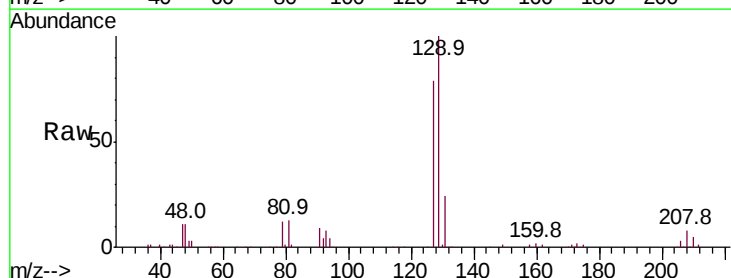
Acq: 07 Oct 2019 20:46

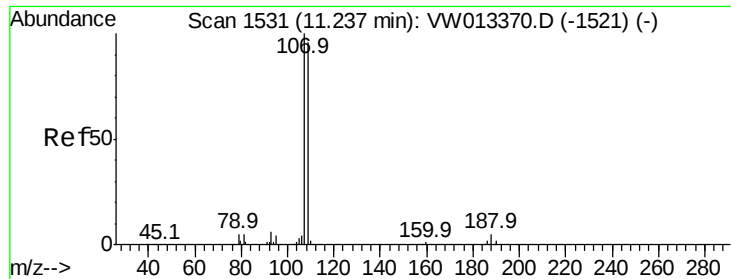
Tgt Ion: 129 Resp: 101180

Ion Ratio Lower Upper

129 100

127 76.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 45.620 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

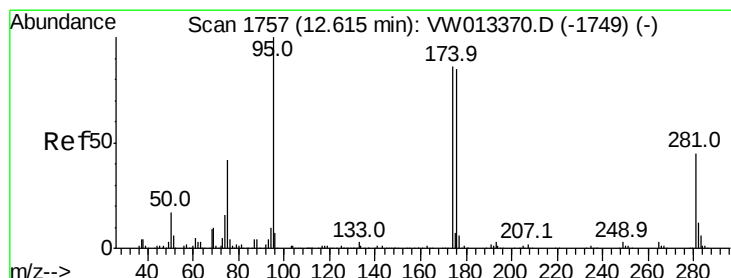
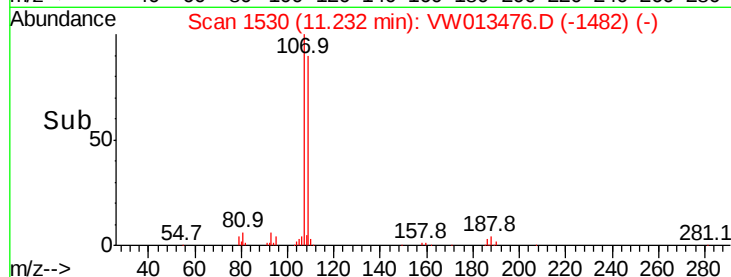
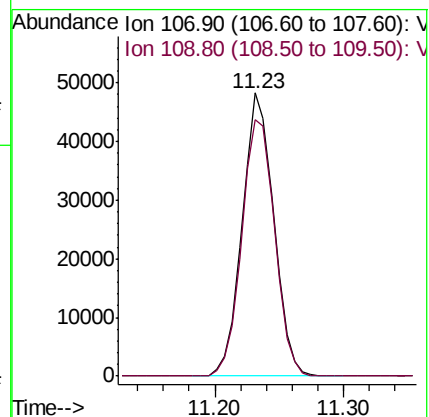
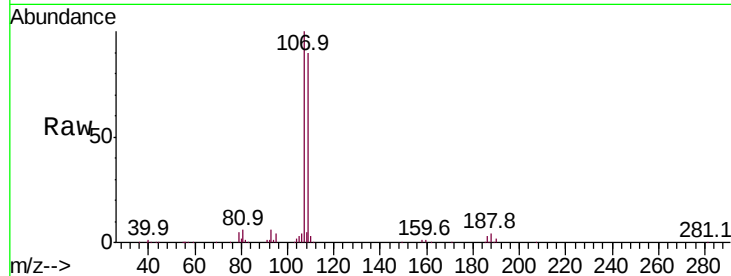
ClientSampled :

Tot Ion:107 Resp: 81338

Ion Ratio Lower Upper

107 100

109 94.9 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 52.293 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

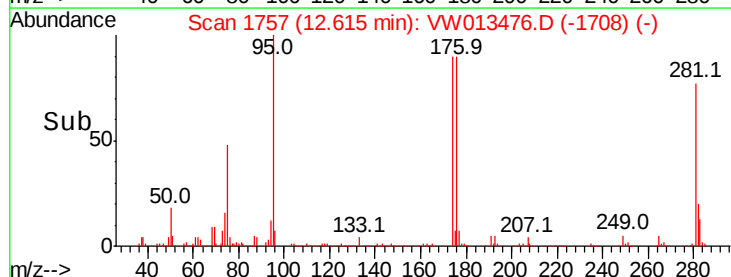
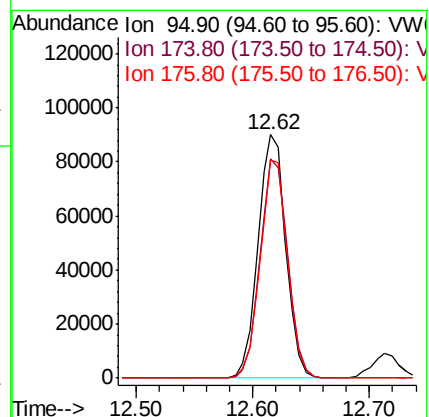
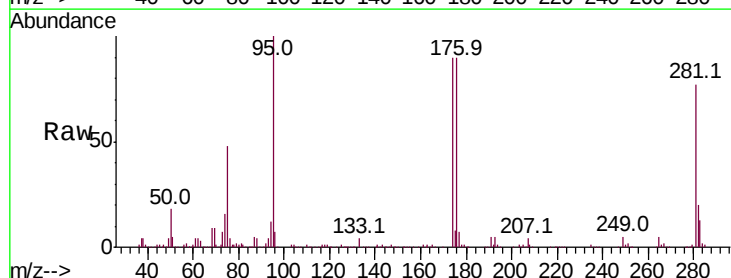
Tgt Ion: 95 Resp: 149573

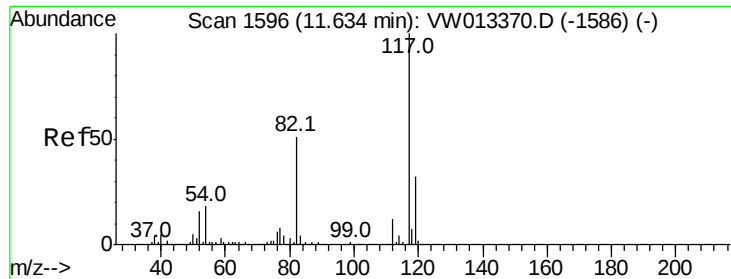
Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.4

176 88.4 0.0 172.2

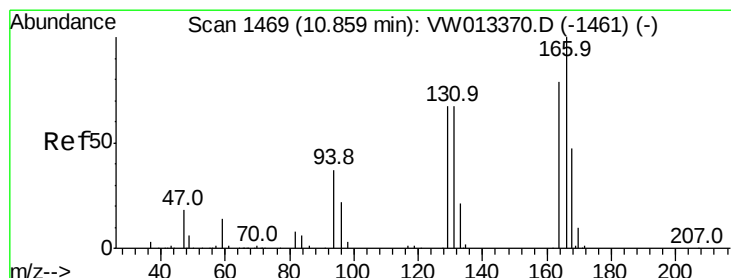
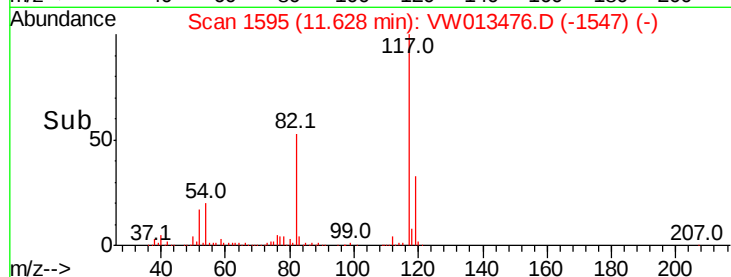
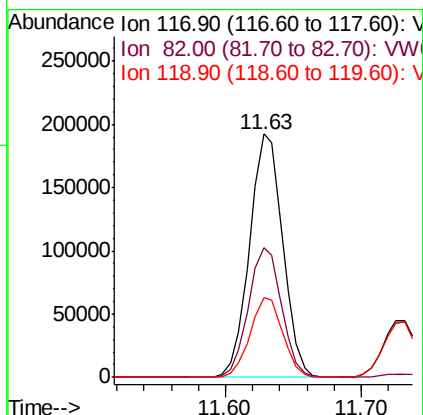
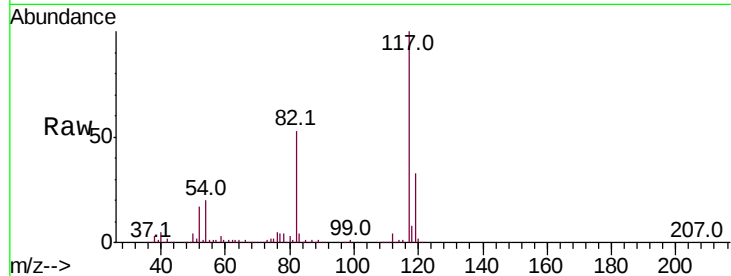




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

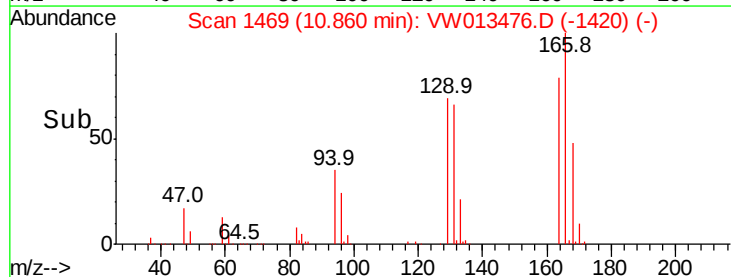
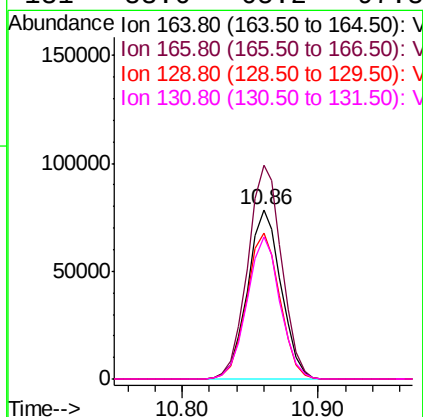
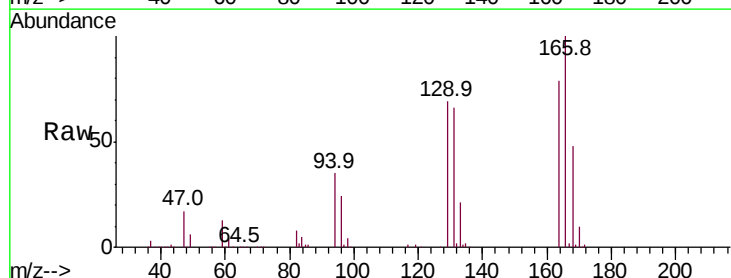
Instrument :
MSVOA_W
ClientSampleId :

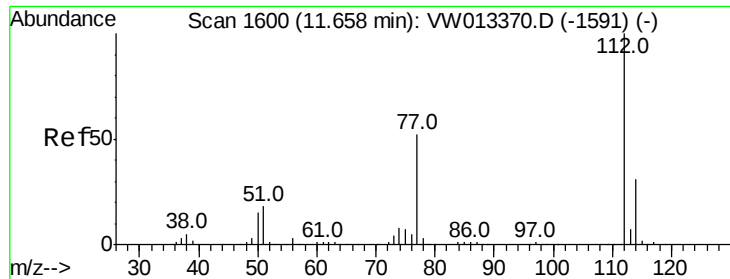
Tot Ion:117 Resp: 329591
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 54.140 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion:164 Resp: 135757
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 86.5 68.8 103.2
131 83.6 65.2 97.8

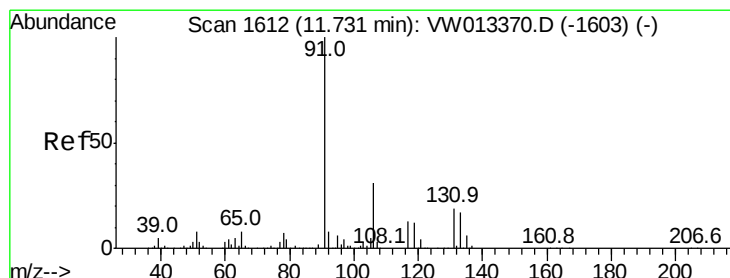
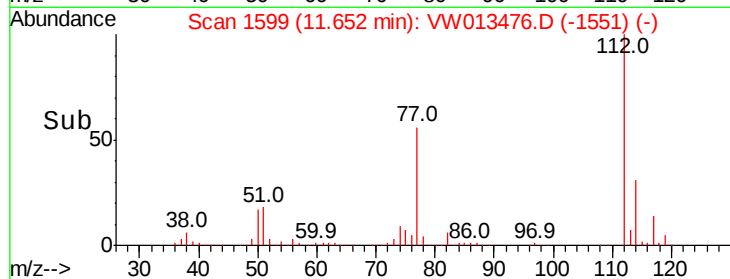
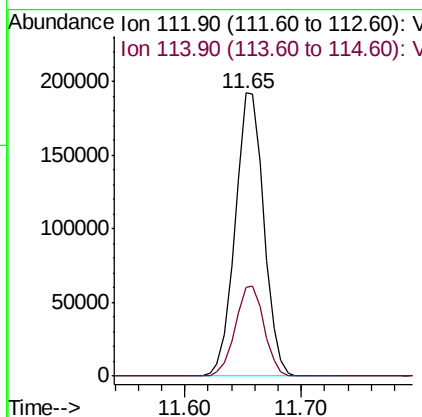
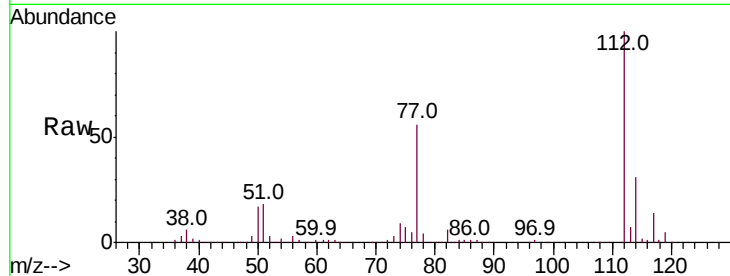




#65
Chlorobenzene
Concen: 48.845 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

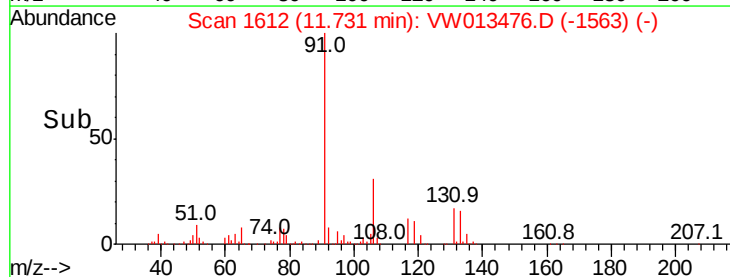
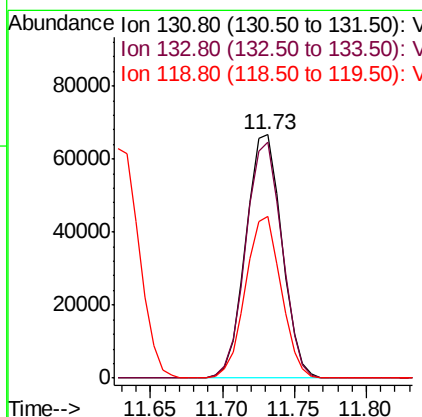
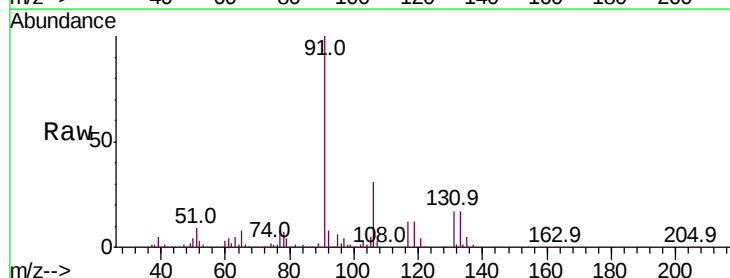
Instrument :
MSVOA_W
ClientSampleId :

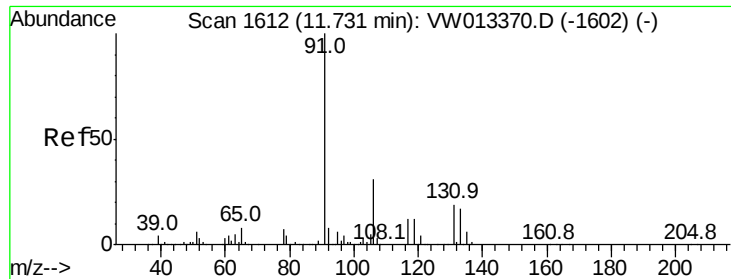
Tot Ion:112 Resp: 329819
Ion Ratio Lower Upper
112 100
114 31.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.218 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion:131 Resp: 115492
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.6
119 65.5 32.5 97.5

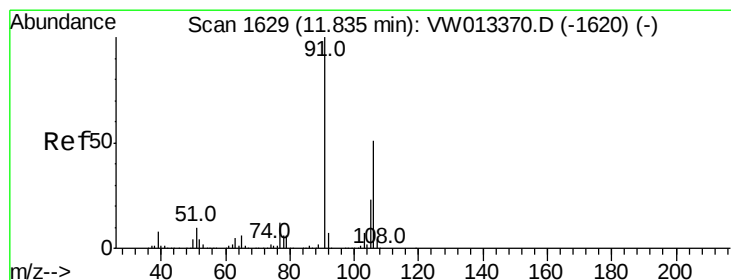
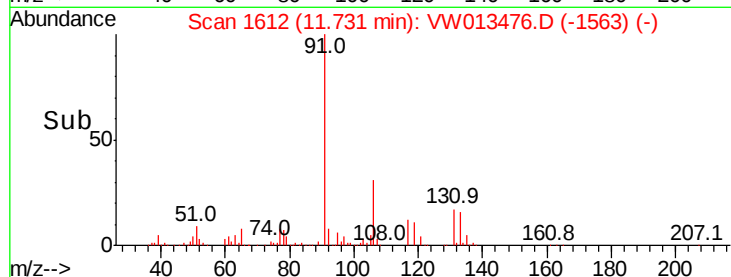
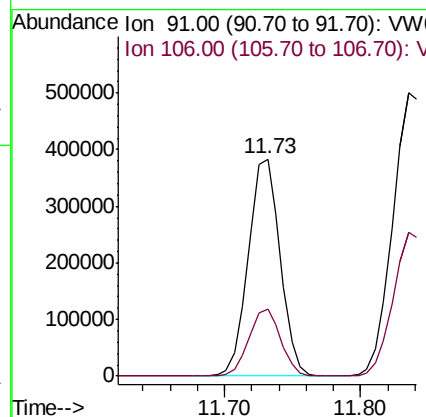
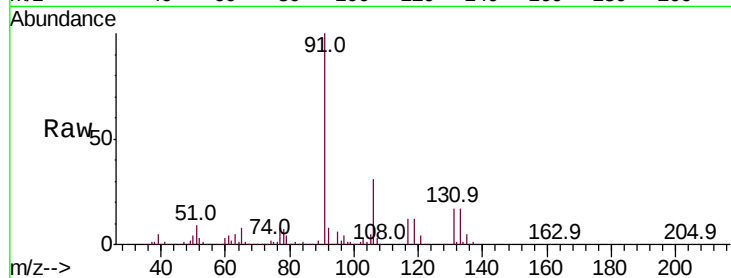




#67
Ethyl Benzene
Concen: 52.024 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

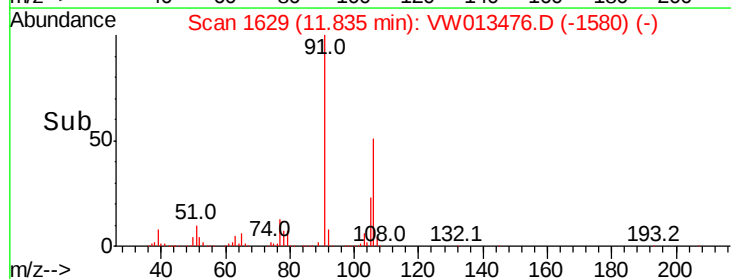
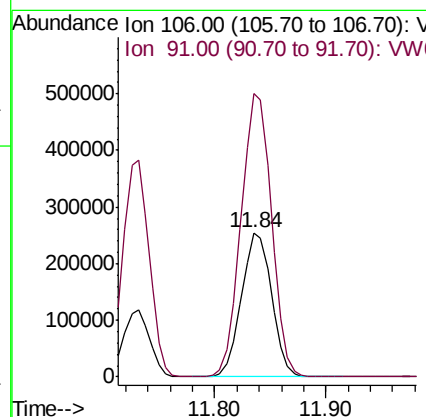
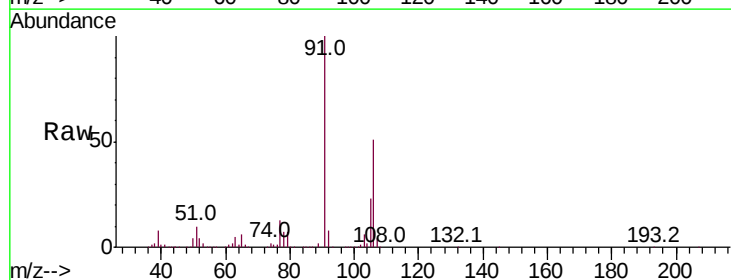
Instrument :
MSVOA_W
ClientSampled :

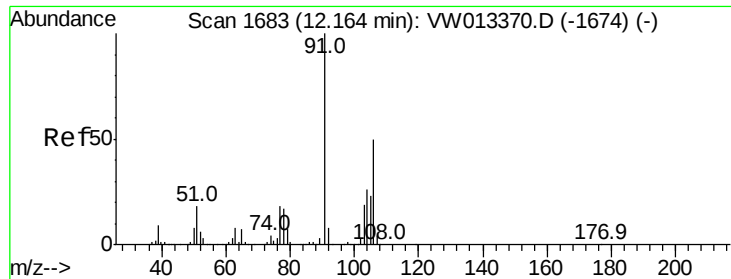
Tot Ion: 91 Resp: 629579
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 102.183 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion: 106 Resp: 477314
Ion Ratio Lower Upper
106 100
91 198.7 157.9 236.9

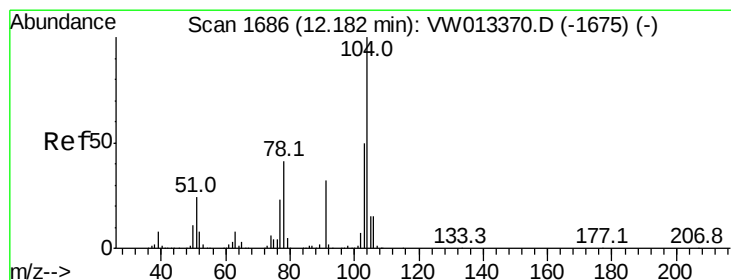
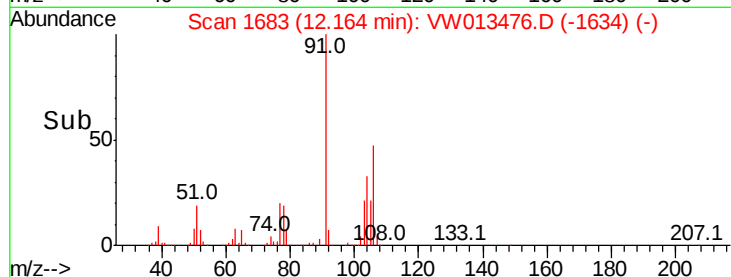
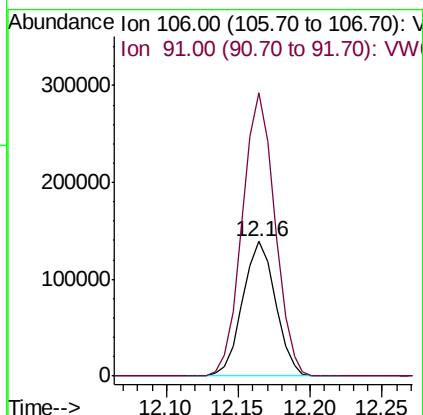
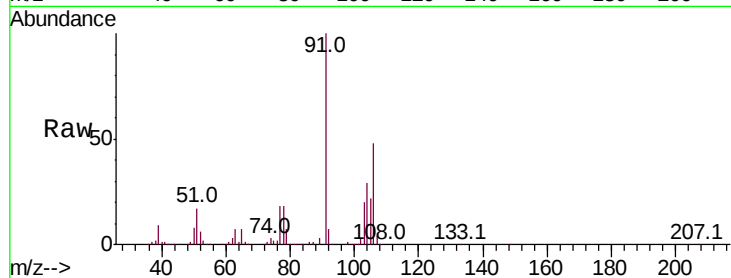




#69
o-Xylene
Concen: 51.034 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

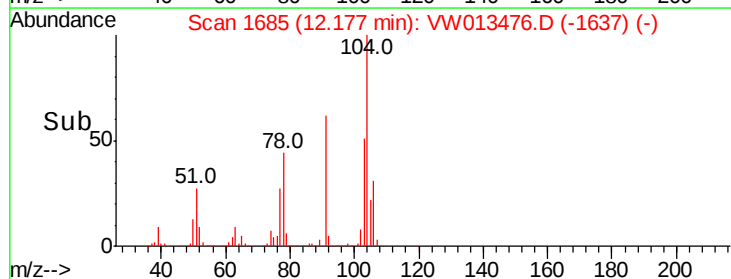
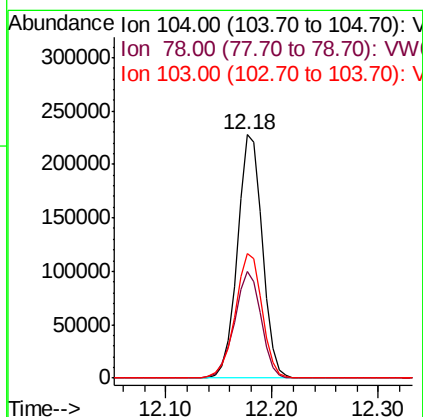
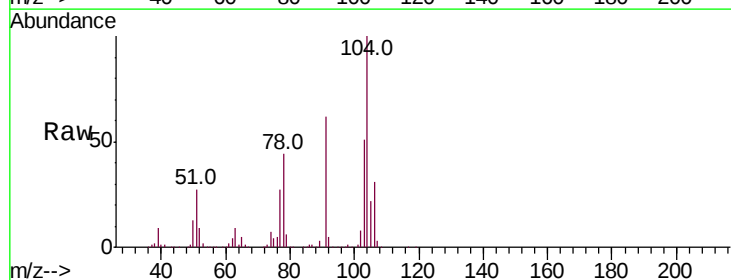
Instrument :
MSVOA_W
ClientSampled :

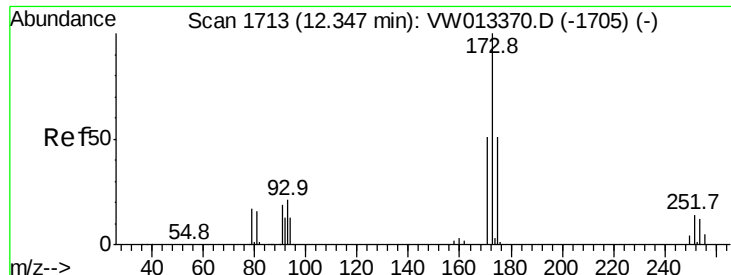
Tot Ion:106 Resp: 220409
Ion Ratio Lower Upper
106 100
91 208.2 106.5 319.5



#70
Styrene
Concen: 50.662 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion:104 Resp: 374027
Ion Ratio Lower Upper
104 100
78 46.8 38.4 57.6
103 55.1 43.3 64.9





#71

Bromoform

Concen: 49.418 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampled :

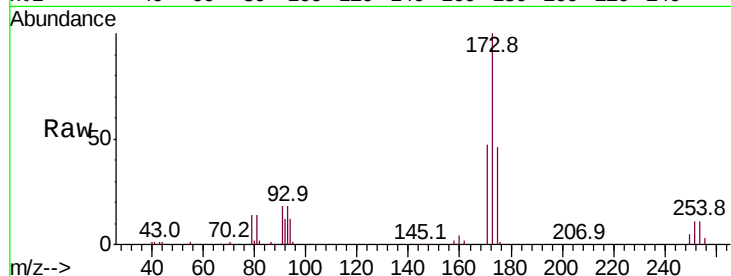
Tot Ion:173 Resp: 61618

Ion Ratio Lower Upper

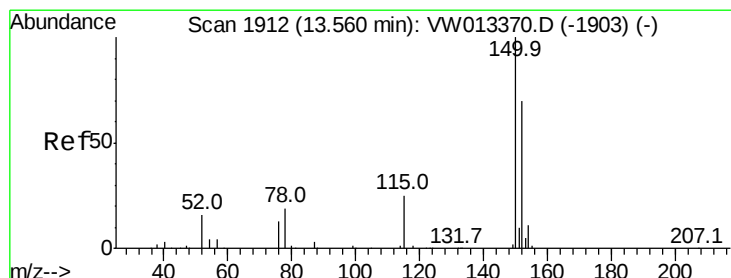
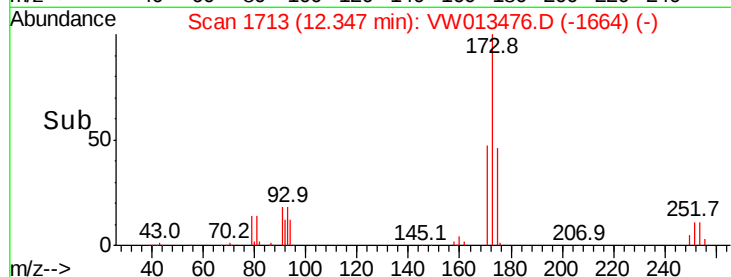
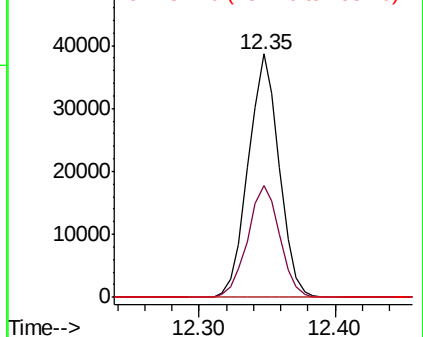
173 100

175 47.8 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

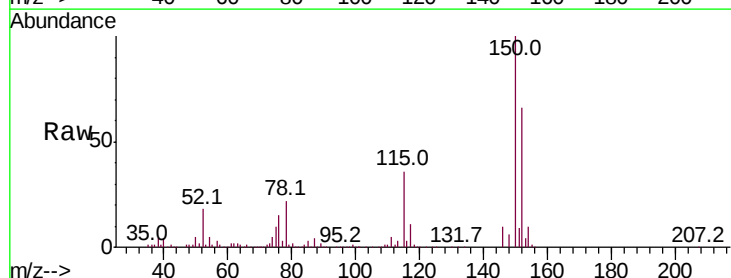
Tgt Ion:152 Resp: 165124

Ion Ratio Lower Upper

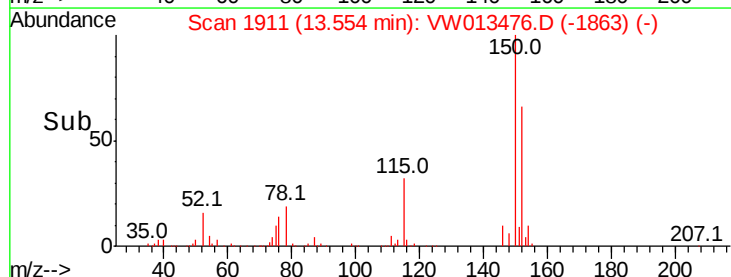
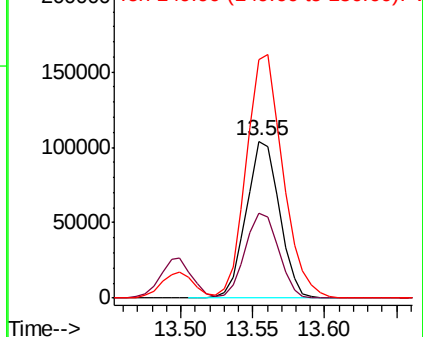
152 100

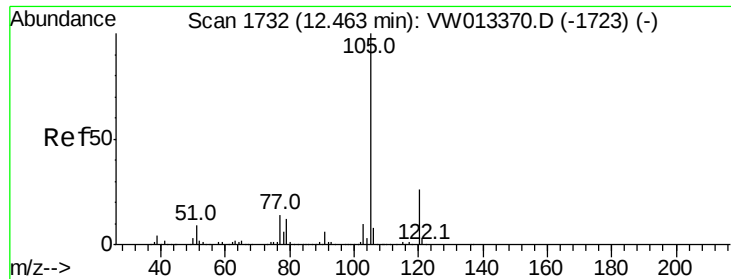
115 55.0 27.3 81.9

150 171.1 0.0 349.0



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

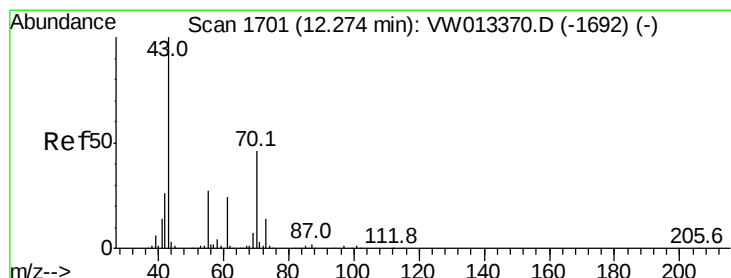
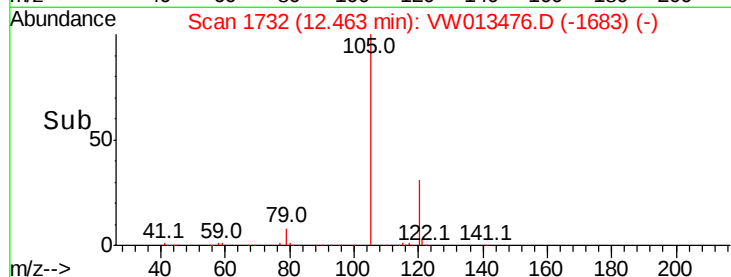
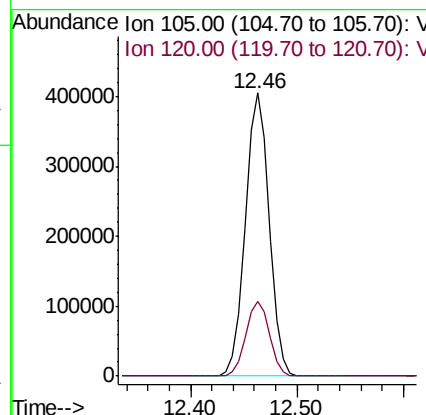
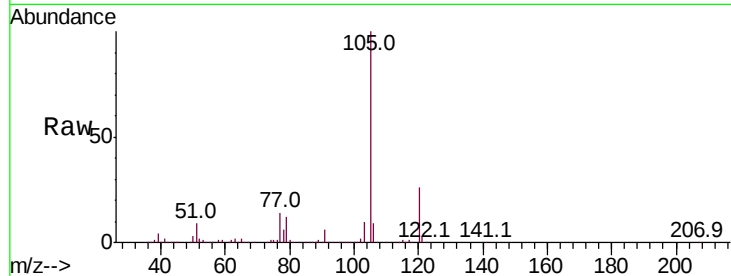




#73
Isopropylbenzene
Concen: 52.501 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

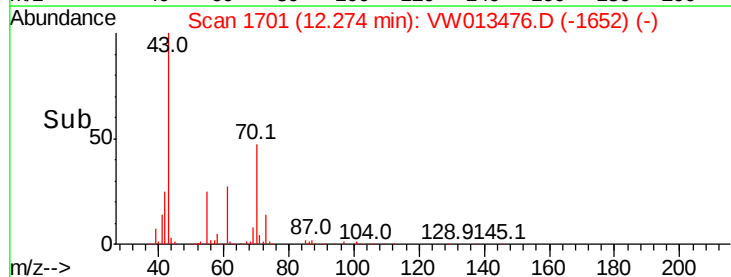
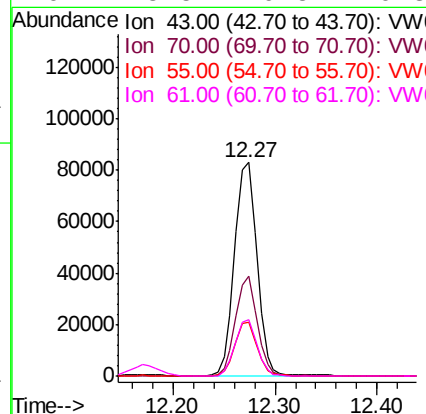
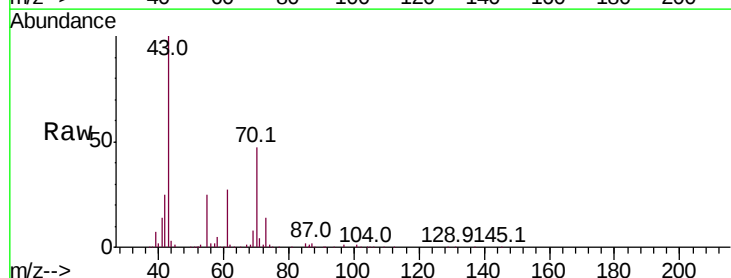
Instrument :
MSVOA_W
ClientSampleId :

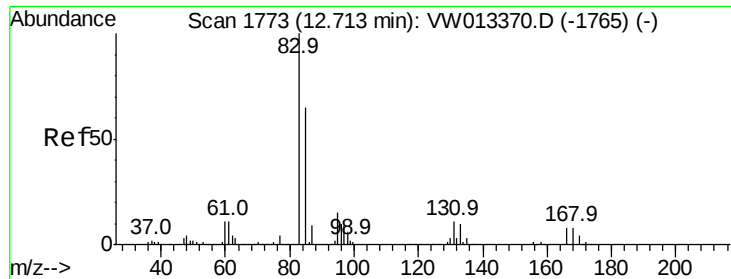
Tot Ion:105 Resp: 634136
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 49.478 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion: 43 Resp: 127184
Ion Ratio Lower Upper
43 100
70 44.7 35.1 52.7
55 24.7 19.9 29.9
61 25.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.457 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

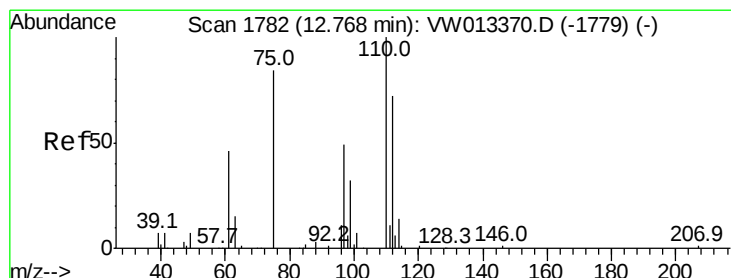
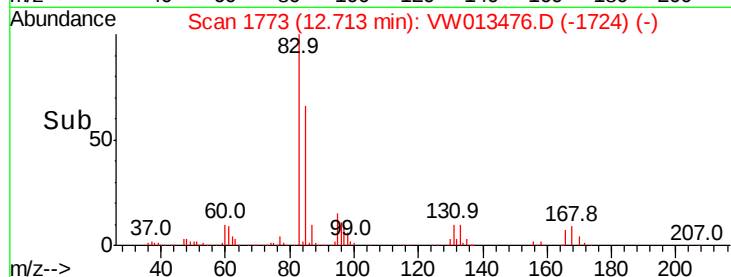
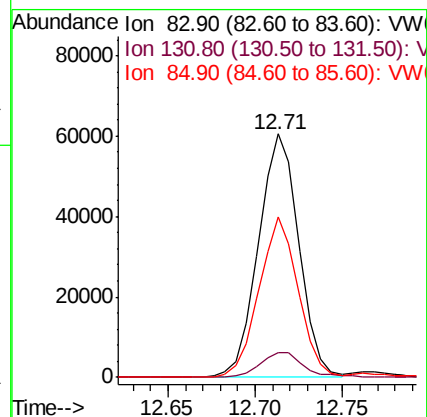
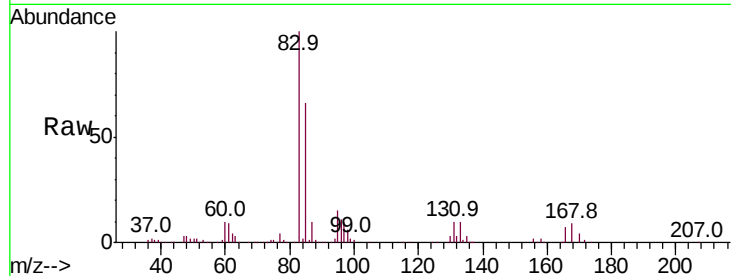
Tot Ion: 83 Resp: 97020

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 82.687 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013476.D

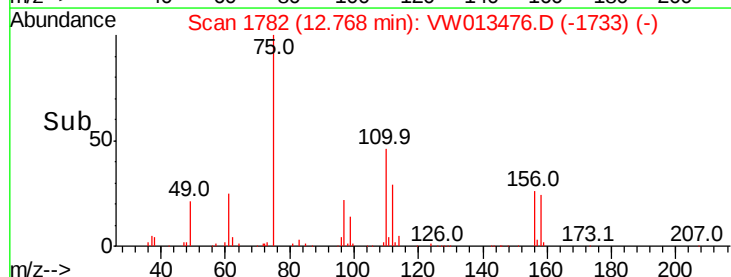
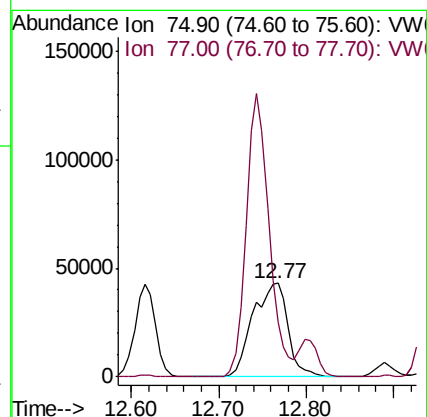
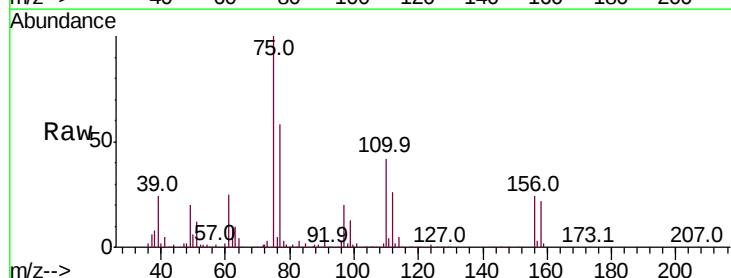
Acq: 07 Oct 2019 20:46

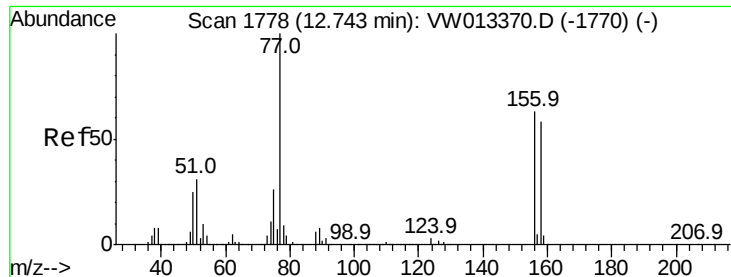
Tgt Ion: 75 Resp: 121349

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.028 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

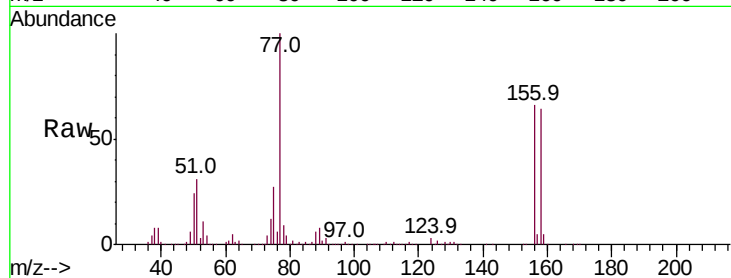
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:156 Resp: 142193

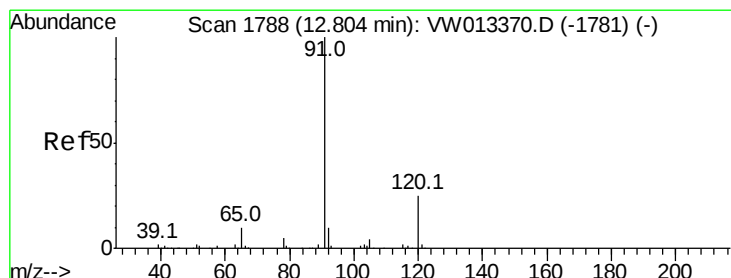
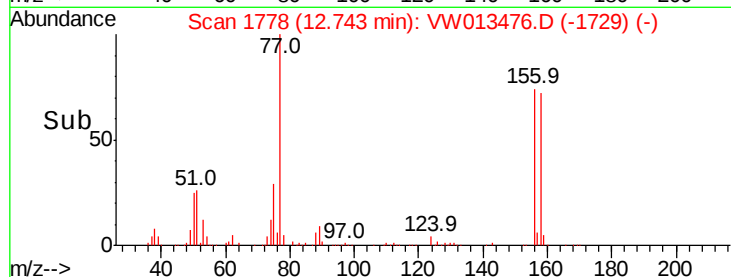
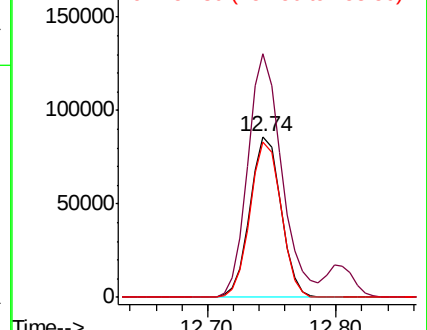
Ion	Ratio	Lower	Upper
156	100		
77	167.4	85.7	257.1
158	97.1	48.1	144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.496 ug/l

RT: 12.80 min Scan# 1788

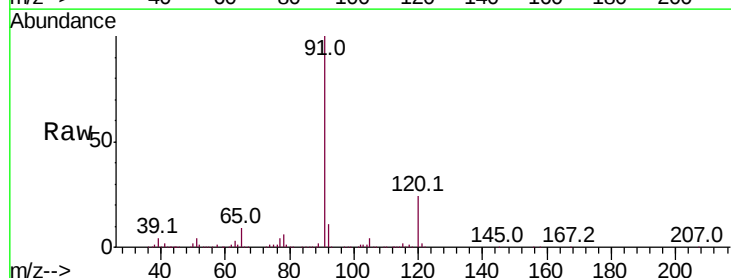
Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

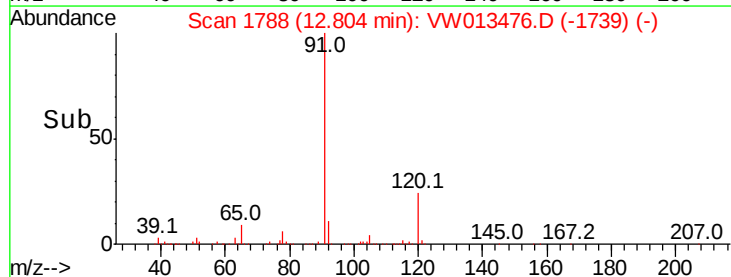
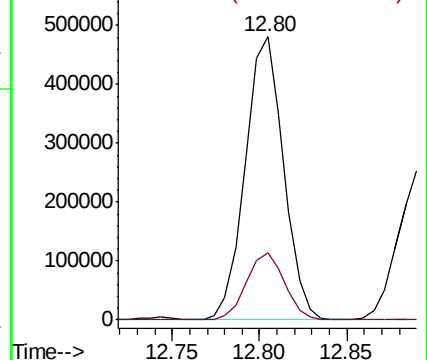
Tgt Ion: 91 Resp: 729368

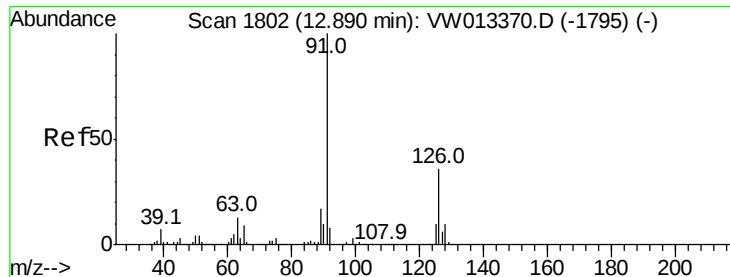
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.032 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

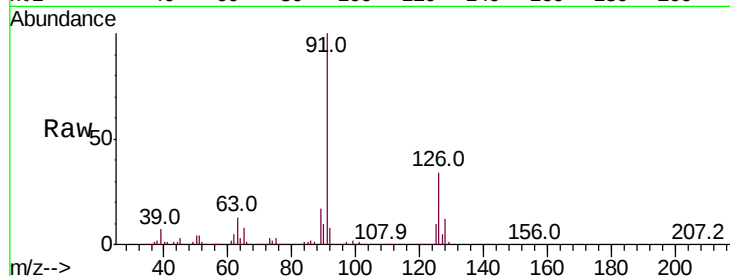
ClientSampleId :

Tot Ion: 91 Resp: 393809

Ion Ratio Lower Upper

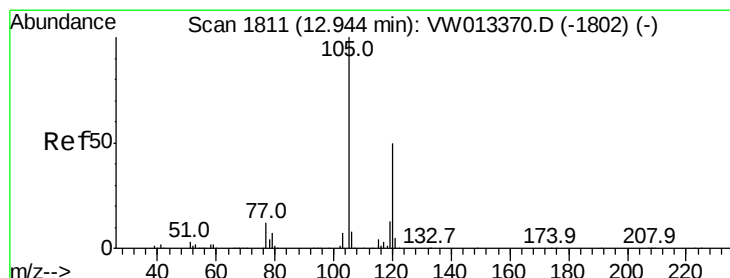
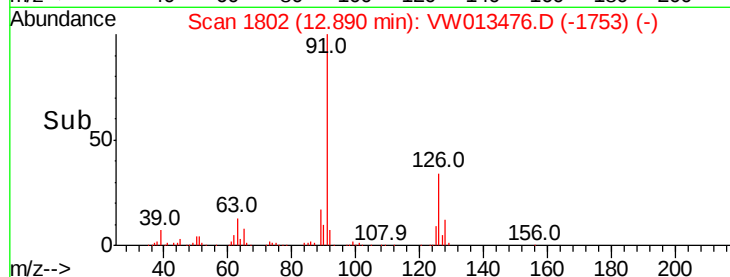
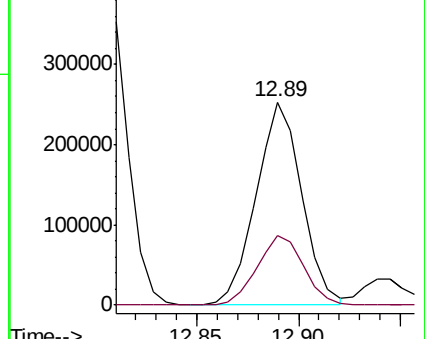
91 100

126 34.8 17.2 51.5



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: 51.594 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW013476.D

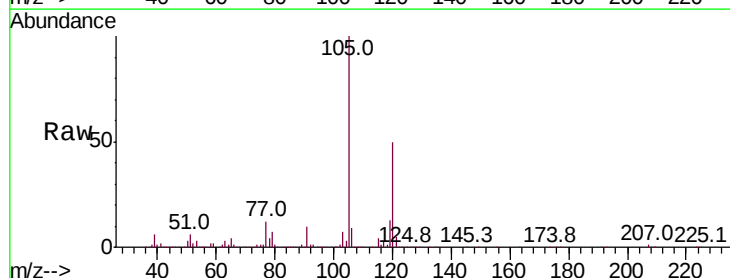
Acq: 07 Oct 2019 20:46

Tgt Ion:105 Resp: 517671

Ion Ratio Lower Upper

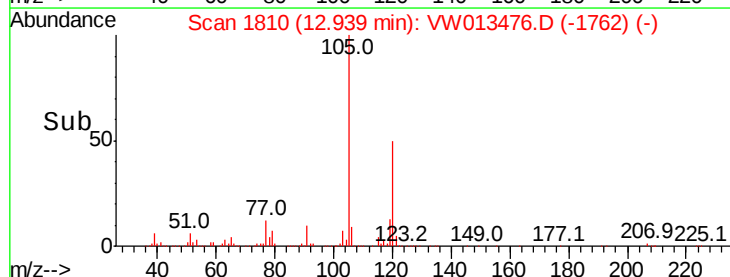
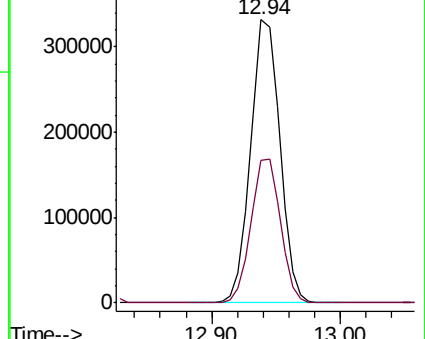
105 100

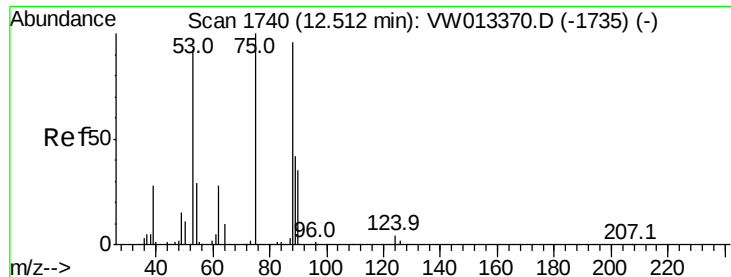
120 51.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

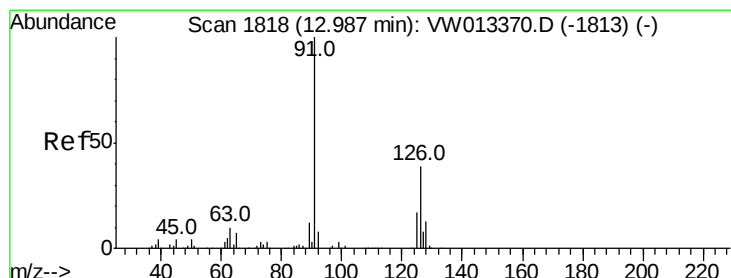
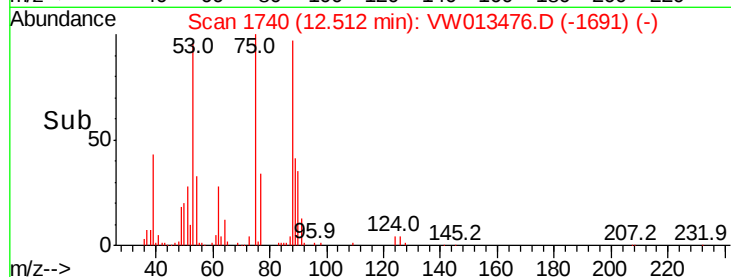
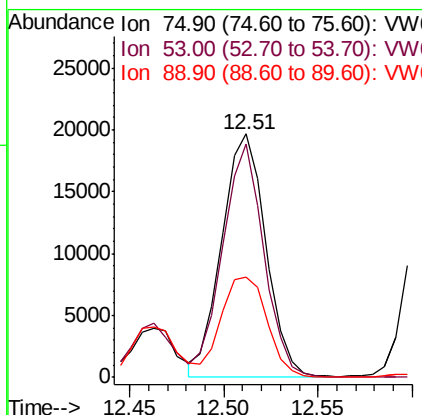
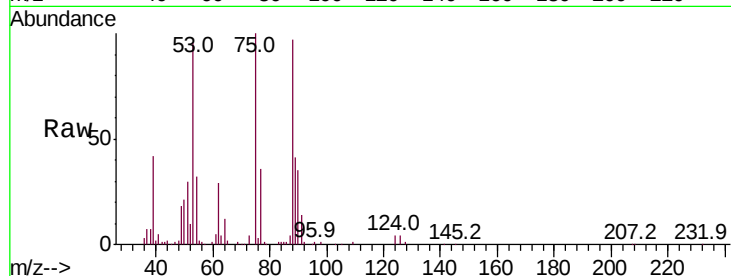




#81
trans-1,4-Dichloro-2-butene
Concen: 46.288 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

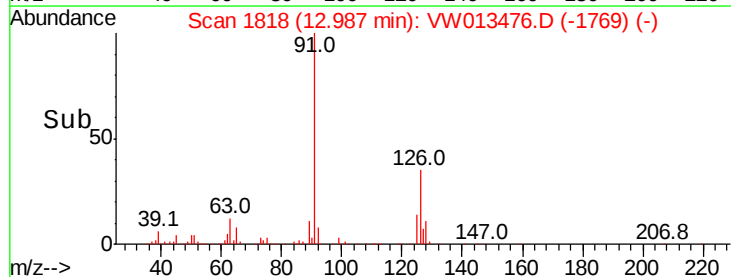
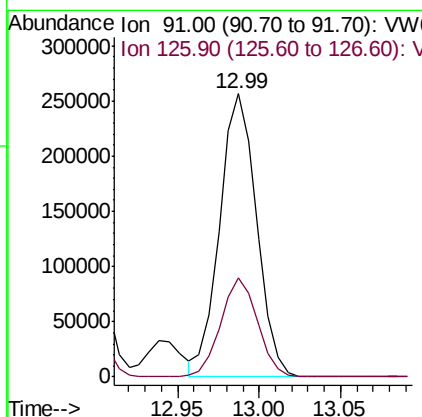
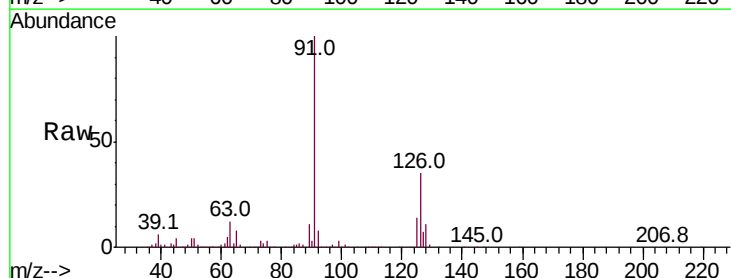
Instrument :
MSVOA_W
ClientSampled :

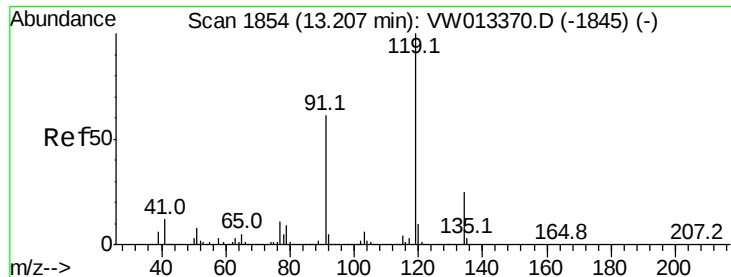
Tot Ion: 75 Resp: 31710
Ion Ratio Lower Upper
75 100
53 90.4 76.6 114.8
89 42.9 33.5 50.3



#82
4-Chlorotoluene
Concen: 49.904 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion: 91 Resp: 403406
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7





#83

tert-Butylbenzene

Concen: 53.703 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

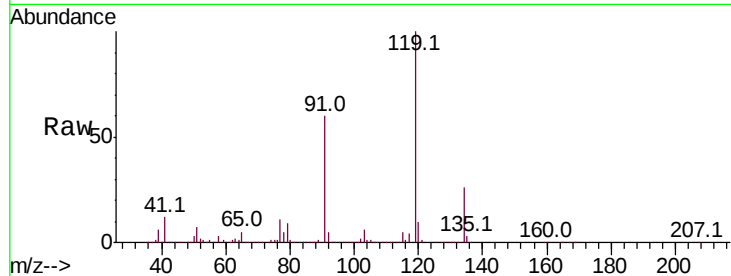
Tot Ion:119 Resp: 470644

Ion Ratio Lower Upper

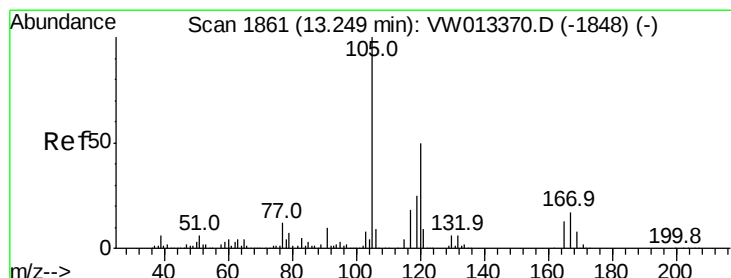
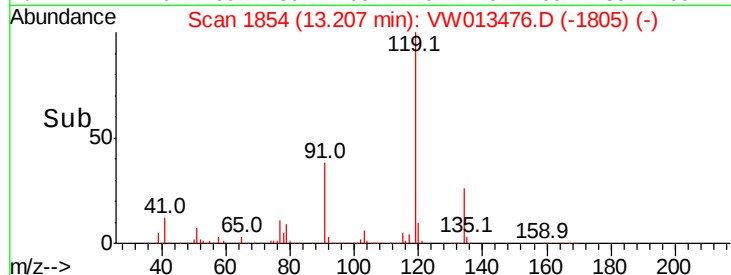
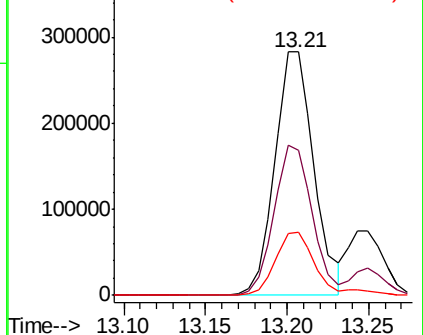
119 100

91 60.3 30.7 92.1

134 26.9 12.6 37.6



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: 50.007 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW013476.D

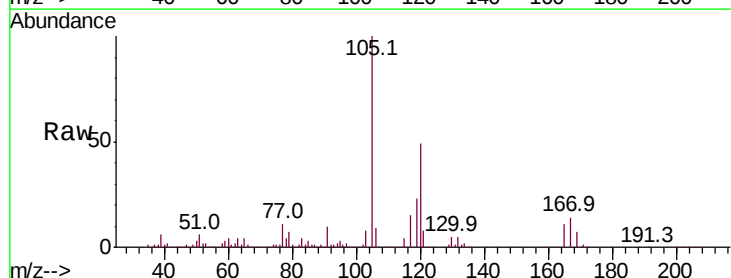
Acq: 07 Oct 2019 20:46

Tgt Ion:105 Resp: 498790

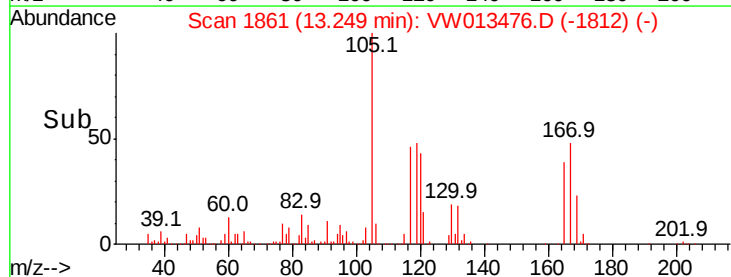
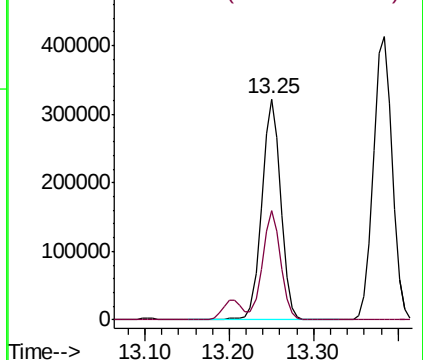
Ion Ratio Lower Upper

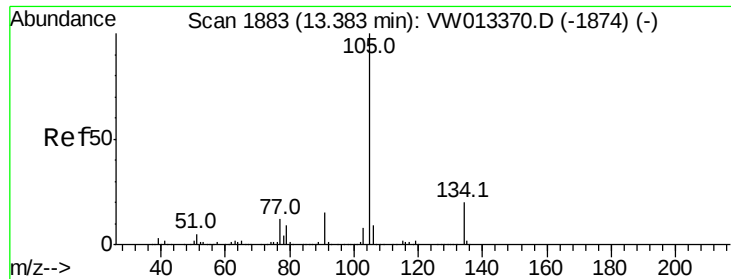
105 100

120 46.9 23.4 70.3



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





#85

sec-Butylbenzene

Concen: 53.296 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

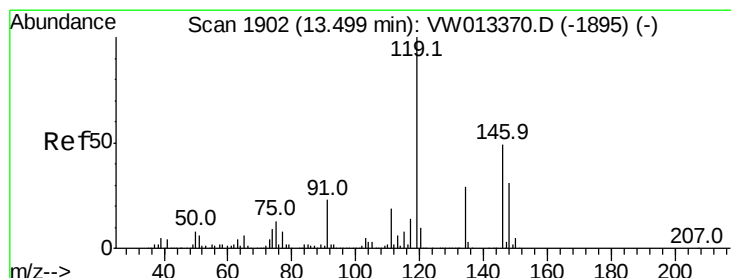
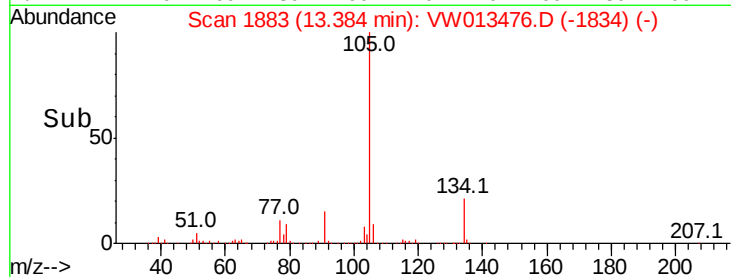
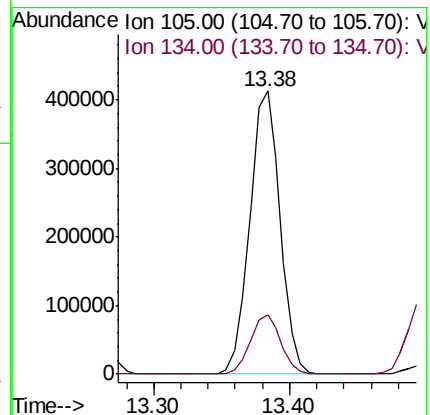
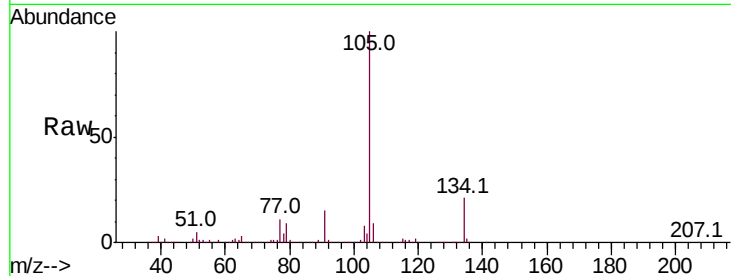
ClientSampleId :

Tot Ion:105 Resp: 643980

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 53.293 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

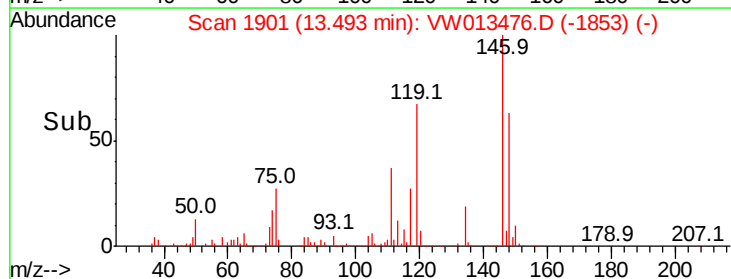
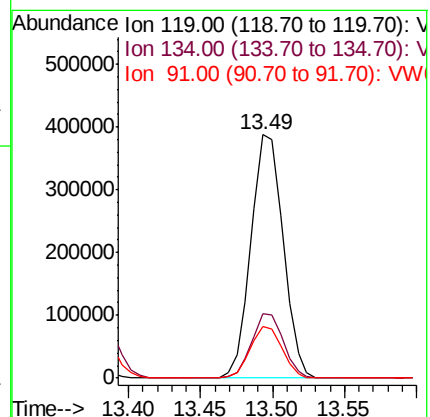
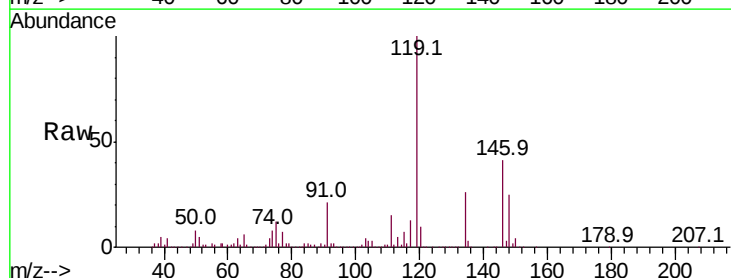
Tgt Ion:119 Resp: 596772

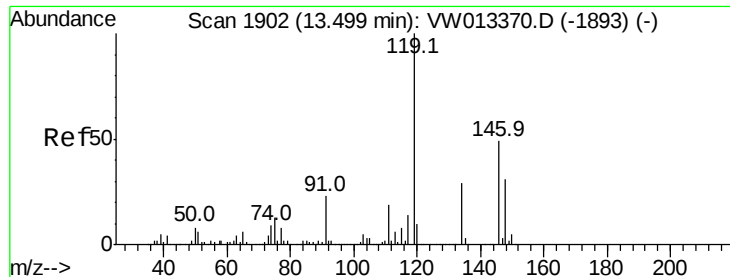
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 21.1 10.8 32.4

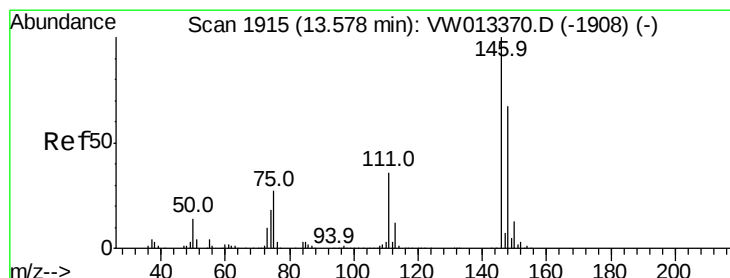
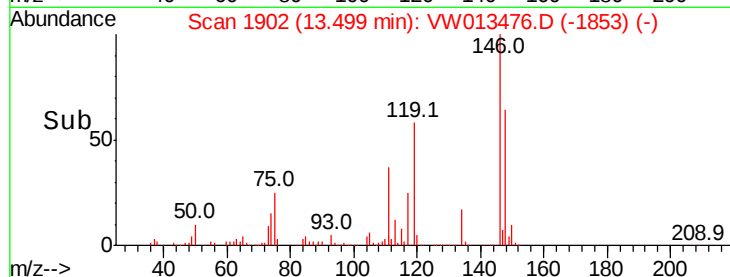
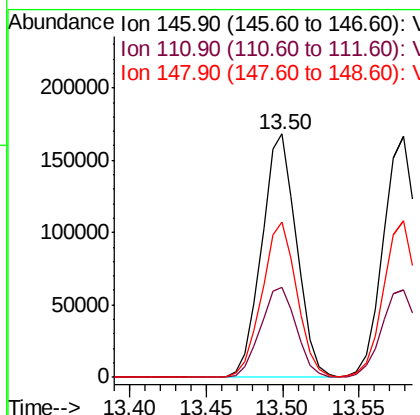
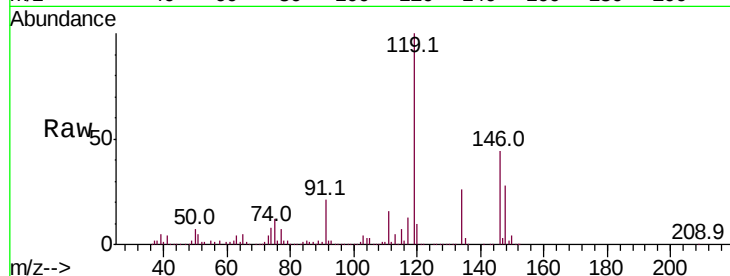




#87
 1,3-Dichlorobenzene
 Concen: 48.984 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

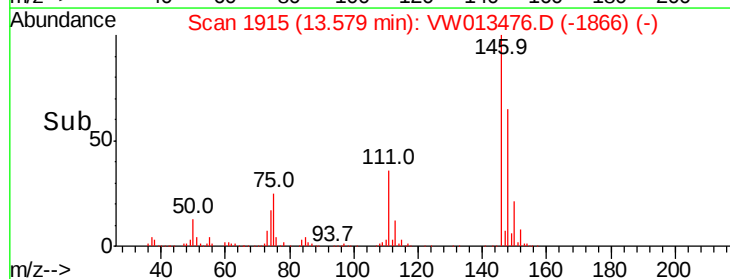
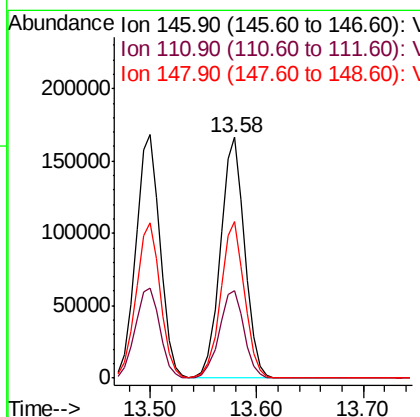
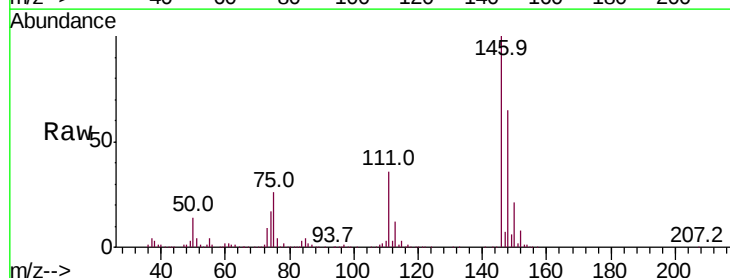
Instrument :
 MSVOA_W
 ClientSampleId :

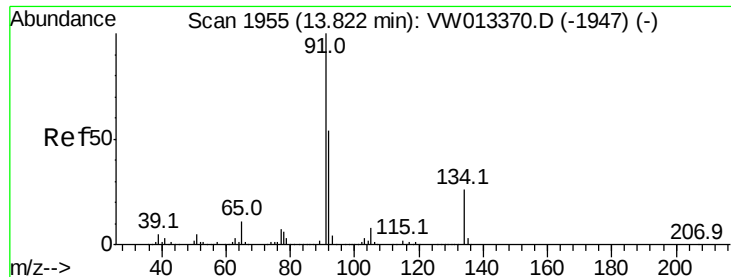
Tot Ion:146 Resp: 267276
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.009 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Tgt Ion:146 Resp: 262289
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.0
 148 63.9 32.1 96.3





#89

n-Butylbenzene

Concen: 52.682 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

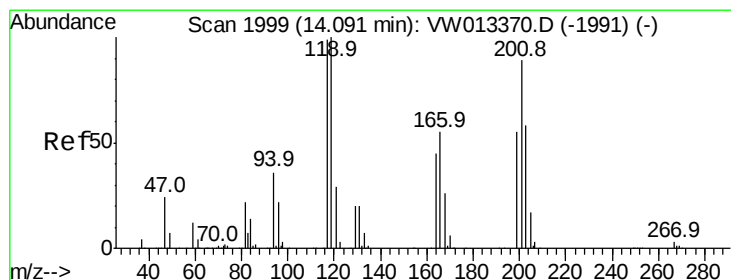
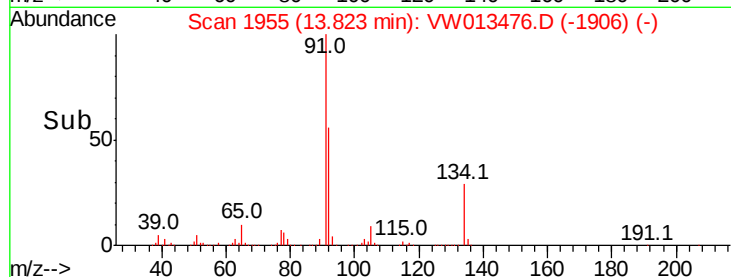
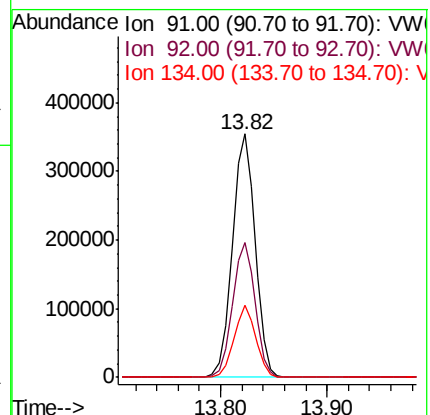
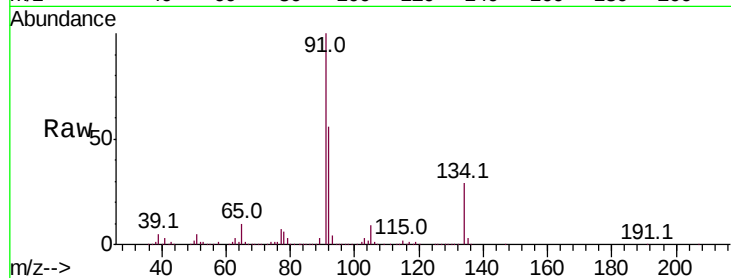
Tot Ion: 91 Resp: 531859

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.8

134 28.2 13.7 41.1



#90

Hexachloroethane

Concen: 52.923 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013476.D

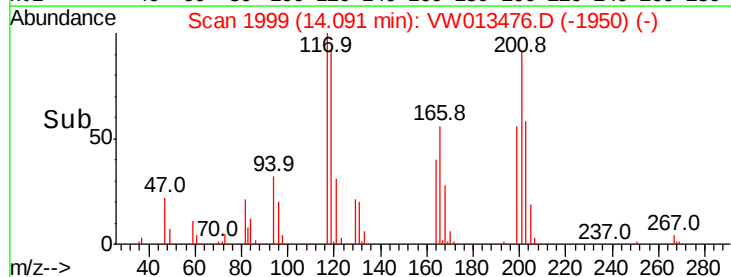
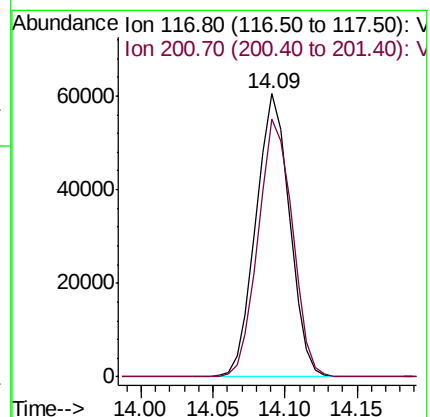
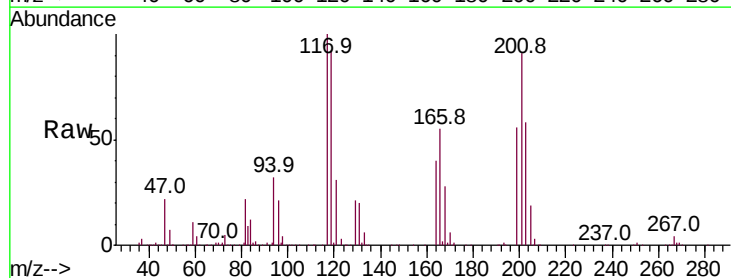
Acq: 07 Oct 2019 20:46

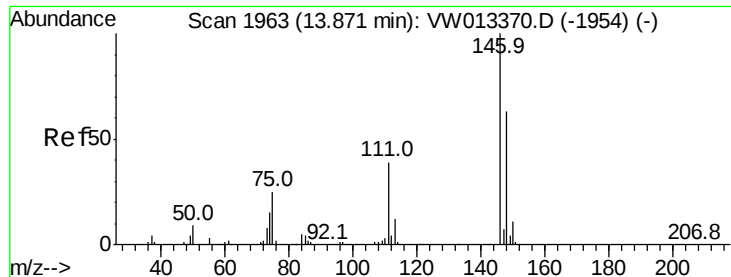
Tgt Ion: 117 Resp: 97910

Ion Ratio Lower Upper

117 100

201 92.4 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 48.024 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

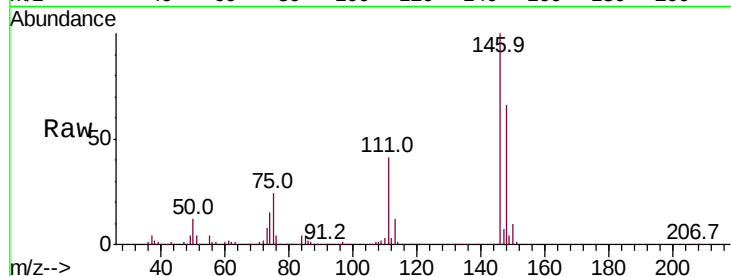
Tot Ion:146 Resp: 231646

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.3

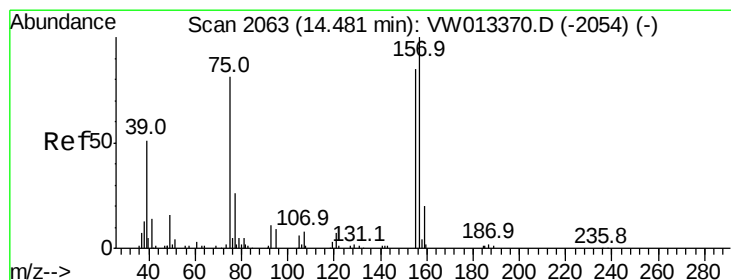
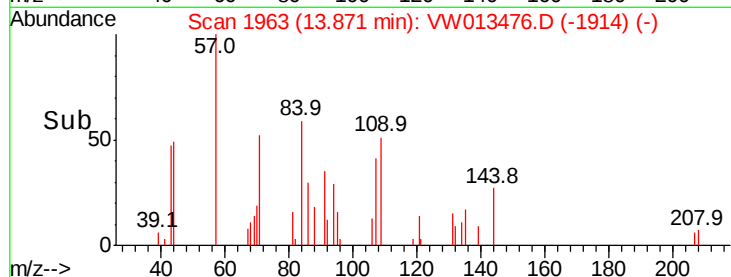
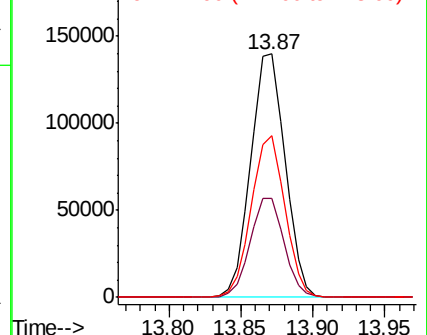
148 64.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.467 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW013476.D

Acq: 07 Oct 2019 20:46

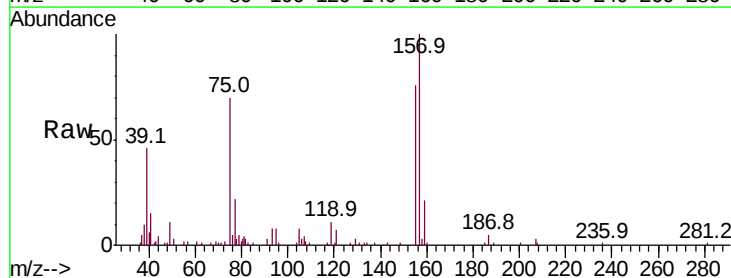
Tgt Ion: 75 Resp: 14209

Ion Ratio Lower Upper

75 100

155 107.1 46.1 138.3

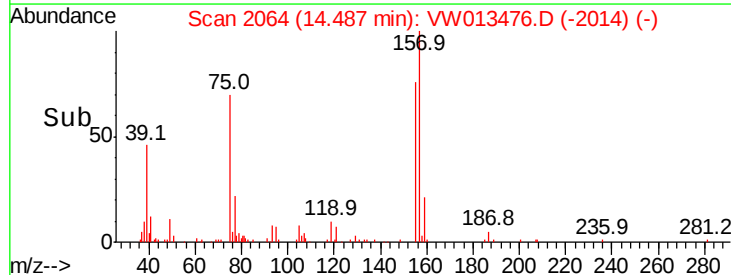
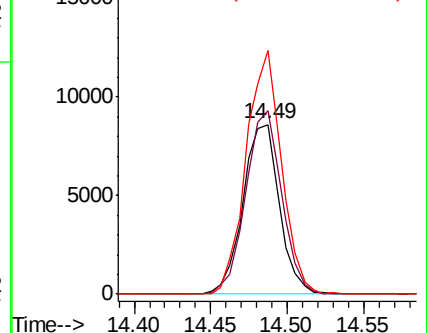
157 139.0 60.4 181.2

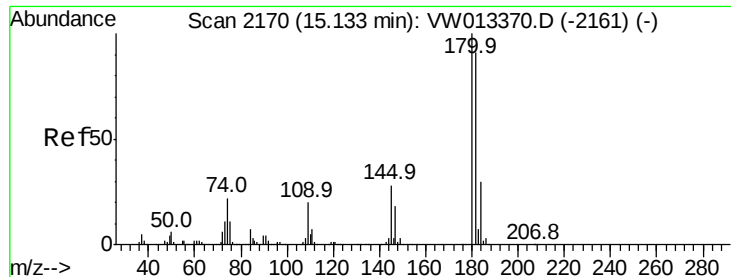


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

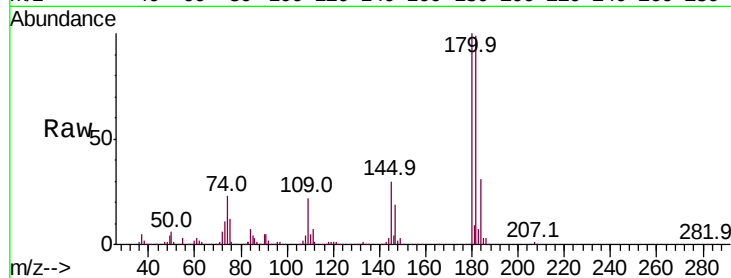




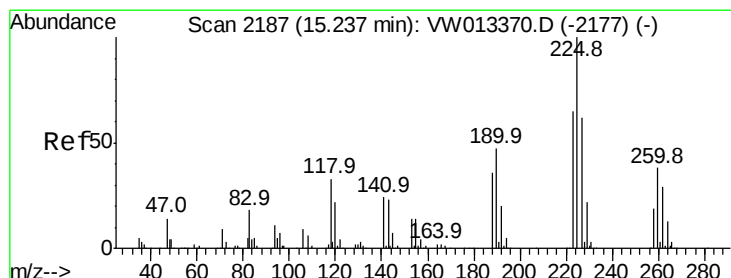
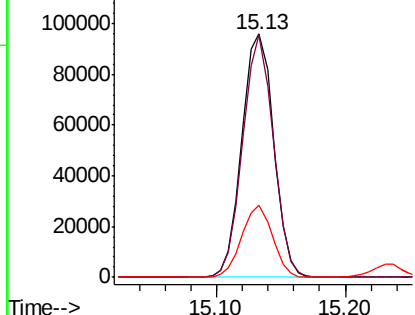
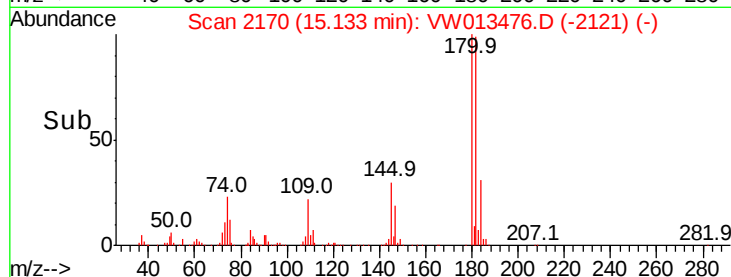
#93
 1,2,4-Trichlorobenzene
 Concen: 47.304 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 163749
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 142.0
 145 28.9 14.2 42.8

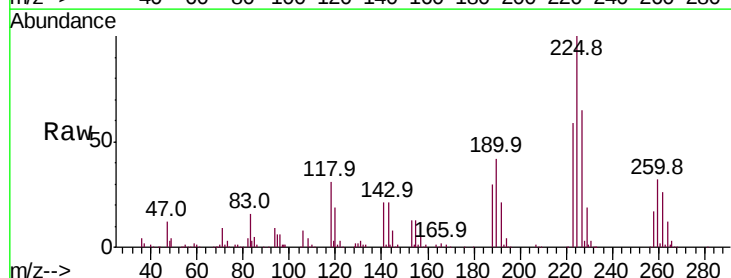


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

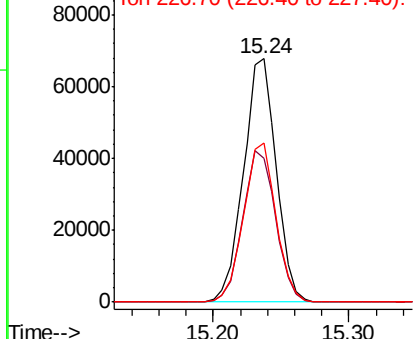
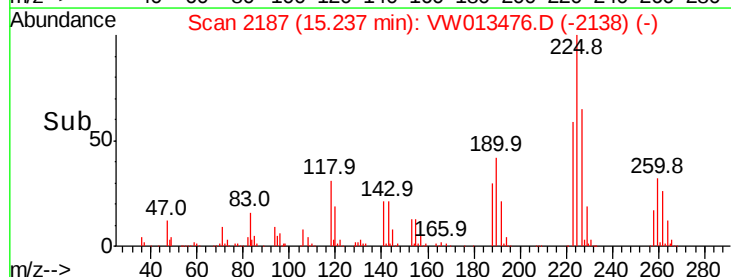


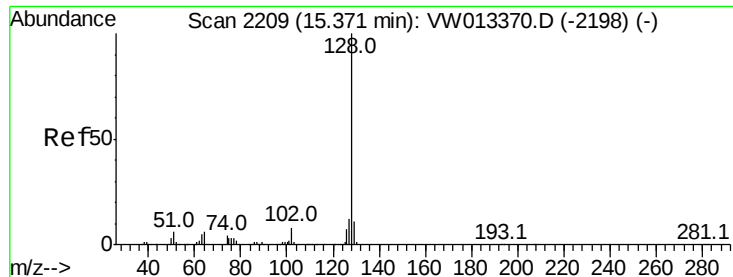
#94
 Hexachlorobutadiene
 Concen: 50.805 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013476.D
 Acq: 07 Oct 2019 20:46

Tgt Ion:225 Resp: 114243
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.6 91.8
 227 64.6 31.9 95.9



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

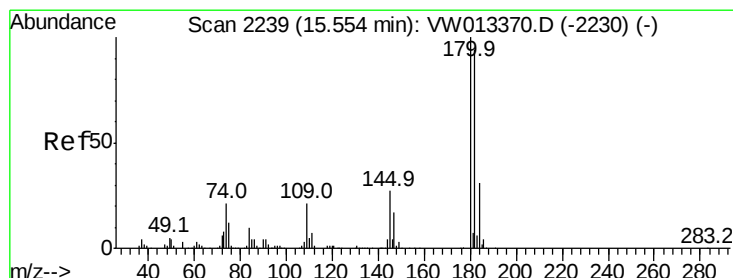
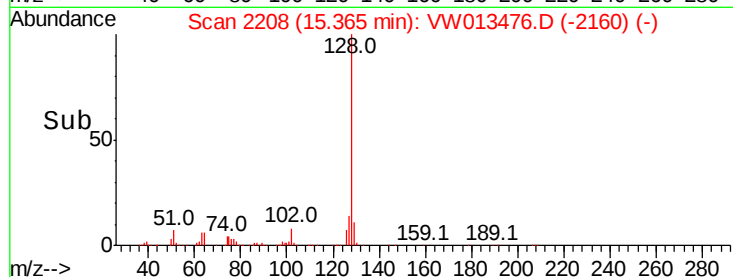
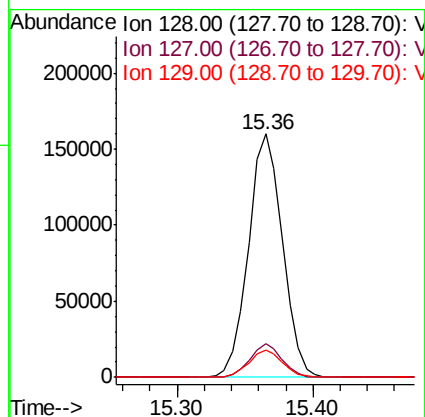
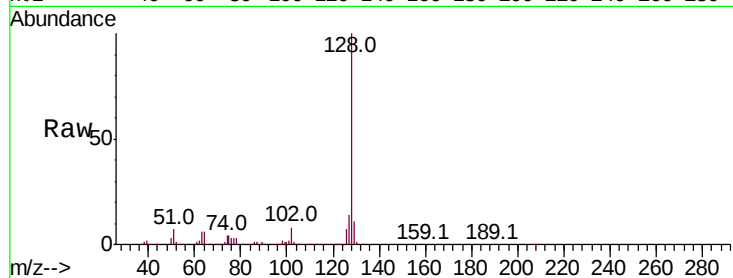




#95
Naphthalene
Concen: 48.005 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 280320
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.954 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013476.D
Acq: 07 Oct 2019 20:46

Tgt Ion:180 Resp: 141909
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.7
145 29.3 15.0 45.0

