

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102319\
 Data File : VW013686.D
 Acq On : 24 Oct 2019 00:28
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:29:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	192791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122093	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.88	113	125496	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.32	98	506514	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.62	95	176655	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66073	43.816	ug/l	99
3) Chloromethane	2.21	50	71195	43.931	ug/l	99
4) Vinyl Chloride	2.37	62	115328	47.122	ug/l	100
5) Bromomethane	2.78	94	81081	50.373	ug/l	96
6) Chloroethane	2.92	64	74011	49.976	ug/l	98
7) Trichlorofluoromethane	3.26	101	61000	39.903	ug/l	98
8) Diethyl Ether	3.68	74	68285	55.289	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120700	48.568	ug/l	98
10) Methyl Iodide	4.28	142	209915	51.835	ug/l	99
11) Tert butyl alcohol	5.17	59	38509	300.420	ug/l	98
12) 1,1-Dichloroethene	4.05	96	127032	49.485	ug/l	99
13) Acrolein	3.90	56	38751	263.871	ug/l	97
14) Allyl chloride	4.67	41	201143	50.957	ug/l	99
15) Acrylonitrile	5.37	53	149872	298.428	ug/l	98
16) Acetone	4.12	43	117331	257.713	ug/l	95
17) Carbon Disulfide	4.39	76	359823	48.807	ug/l	98
18) Methyl Acetate	4.67	43	75413	60.426	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	176467	57.285	ug/l	97
20) Methylene Chloride	4.92	84	143578	58.087	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	143351	51.883	ug/l	99
22) Diisopropyl ether	6.31	45	400493	55.622	ug/l	95
23) Vinyl Acetate	6.25	43	1184316	283.472	ug/l	99
24) 1,1-Dichloroethane	6.21	63	238343	52.267	ug/l	98
25) 2-Butanone	7.17	43	189268	289.159	ug/l	97
26) 2,2-Dichloropropane	7.17	77	123319	46.767	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	156673	53.387	ug/l	99
28) Bromochloromethane	7.51	49	93485	57.338	ug/l #	99
29) Tetrahydrofuran	7.53	42	125589	309.918	ug/l	99
30) Chloroform	7.67	83	236696	52.507	ug/l	98
31) Cyclohexane	7.95	56	212911	44.615	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	180946	51.151	ug/l	99
36) 1,1-Dichloropropene	8.08	75	186368	47.032	ug/l	99
37) Ethyl Acetate	7.25	43	85424	56.316	ug/l	99
38) Carbon Tetrachloride	8.07	117	172454	48.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238919	46.689	ug/l	99
40) Benzene	8.32	78	562912	50.197	ug/l	99
41) Methacrylonitrile	7.48	41	50584	53.477	ug/l	97
42) 1,2-Dichloroethane	8.40	62	148319	52.486	ug/l	100
43) Isopropyl Acetate	8.42	43	162376	55.924	ug/l	98
44) Trichloroethene	9.09	130	159084	49.524	ug/l	95
45) 1,2-Dichloropropane	9.37	63	137656	51.392	ug/l	98
46) Dibromomethane	9.46	93	71136	54.718	ug/l	96
47) Bromodichloromethane	9.64	83	178894	53.182	ug/l	98
48) Methyl methacrylate	9.43	41	76577	53.184	ug/l	94
49) 1,4-Dioxane	9.45	88	21681	1128.576	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	414011	286.951	ug/l	99
52) Toluene	10.38	92	363574	50.262	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	180267	52.937	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	219514	52.249	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	106006	54.712	ug/l	96
56) Ethyl methacrylate	10.65	69	138625	57.186	ug/l	100
57) 1,3-Dichloropropane	10.93	76	180579	54.311	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	310043	277.903	ug/l	98
59) 2-Hexanone	10.97	43	279827	281.331	ug/l	97
60) Dibromochloromethane	11.13	129	124615	54.170	ug/l	100
61) 1,2-Dibromoethane	11.23	107	99467	54.264	ug/l	99
64) Tetrachloroethene	10.86	164	141537	49.397	ug/l	96
65) Chlorobenzene	11.66	112	388908	50.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	141279	52.529	ug/l	99
67) Ethyl Benzene	11.73	91	683849	49.212	ug/l	98
68) m/p-Xylenes	11.83	106	532680	99.218	ug/l	99
69) o-Xylene	12.16	106	247763	50.207	ug/l	100
70) Styrene	12.18	104	440216	51.920	ug/l	100
71) Bromoform	12.35	173	76372	54.110	ug/l #	98
73) Isopropylbenzene	12.46	105	679399	49.072	ug/l	100
74) N-amyl acetate	12.27	43	150481	56.187	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115886	53.042	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	146475	105.796	ug/l #	100
77) Bromobenzene	12.74	156	168247	50.870	ug/l	97
78) n-propylbenzene	12.80	91	794475	49.578	ug/l	100
79) 2-Chlorotoluene	12.89	91	454317	50.450	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	578937	49.535	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	38816	52.984	ug/l	98
82) 4-Chlorotoluene	12.99	91	471634	49.886	ug/l	98
83) tert-Butylbenzene	13.21	119	515674	49.707	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	582358	50.512	ug/l	99
85) sec-Butylbenzene	13.38	105	692490	48.814	ug/l	99
86) p-Isopropyltoluene	13.50	119	649859	49.177	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	323167	50.431	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	316175	49.665	ug/l	100
89) n-Butylbenzene	13.82	91	579663	48.596	ug/l	99
90) Hexachloroethane	14.09	117	114408	49.808	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	290186	52.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18567	56.200	ug/l	97

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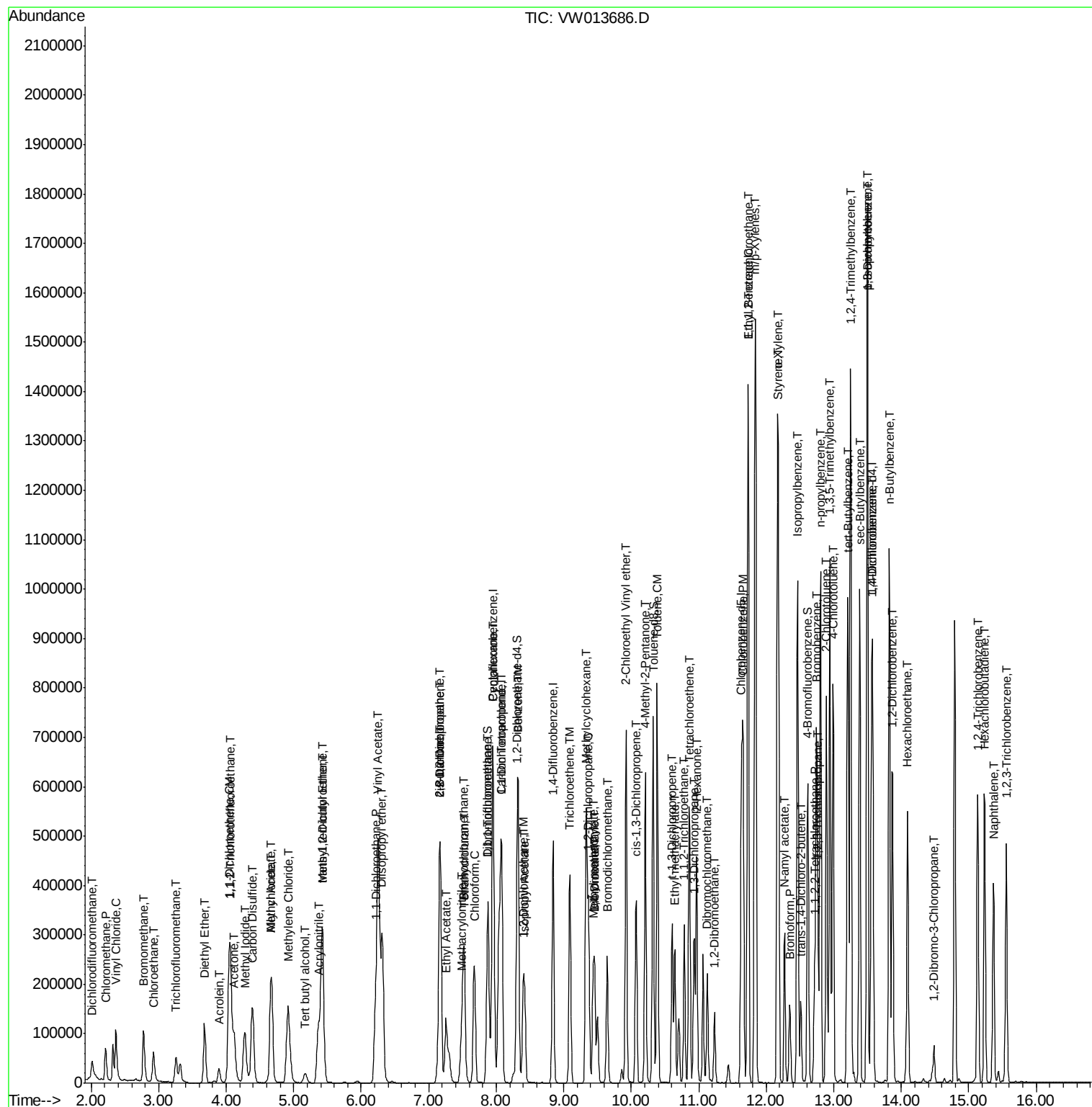
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	209834	51.892	ug/l	100
94) Hexachlorobutadiene	15.23	225	132456	48.522	ug/l	98
95) Naphthalene	15.36	128	359741	56.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	186800	53.612	ug/l	99

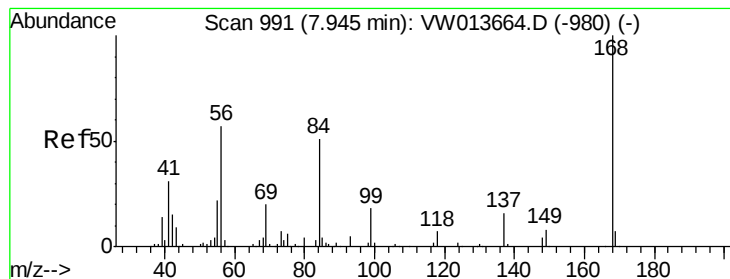
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

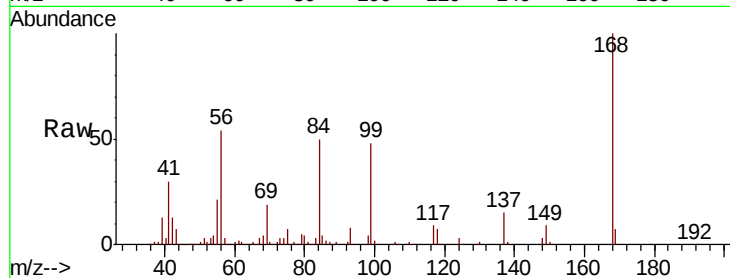
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 286233

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

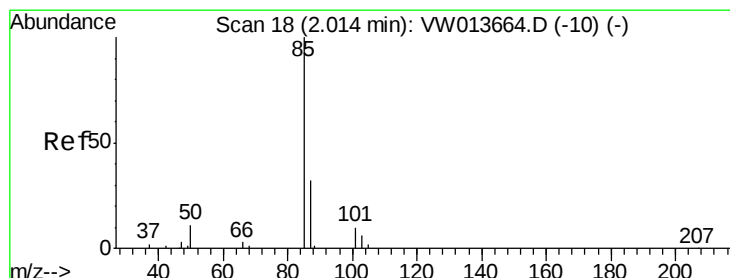
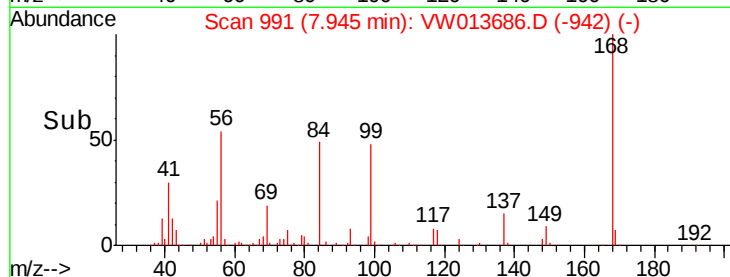
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.816 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW013686.D

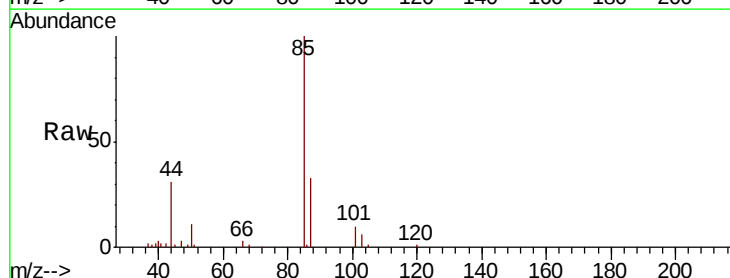
Acq: 24 Oct 2019 00:28

Tgt Ion: 85 Resp: 66073

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

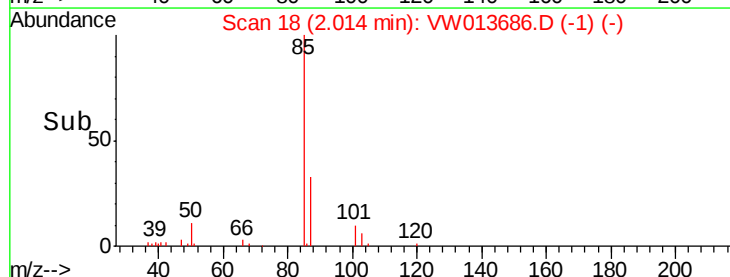
10000

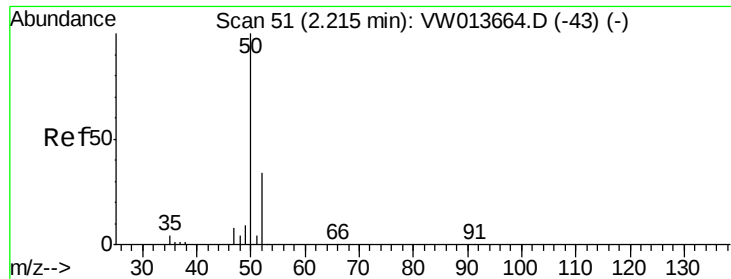
5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 43.931 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

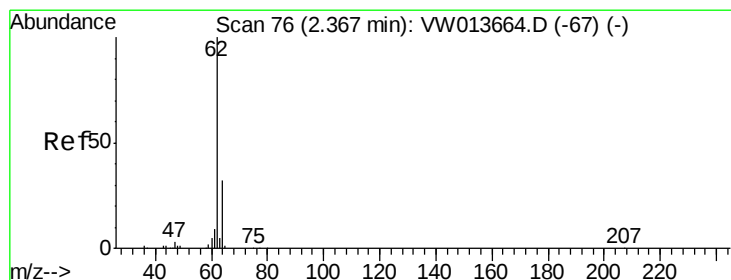
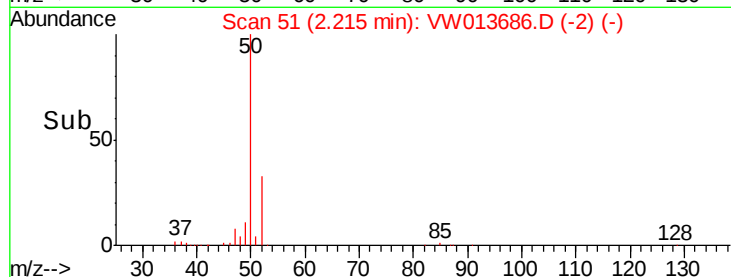
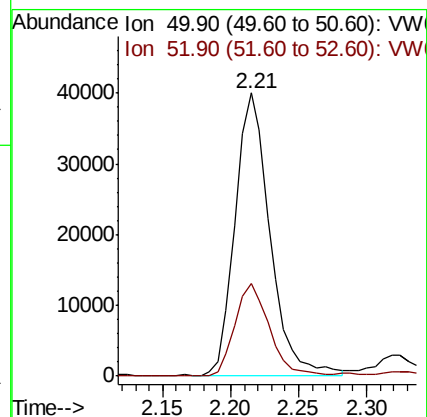
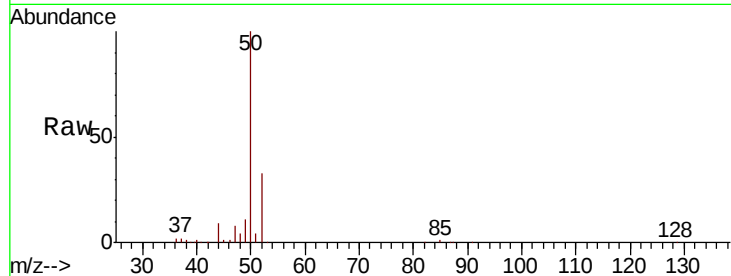
ClientSampled :

Tot Ion: 50 Resp: 71195

Ion Ratio Lower Upper

50 100

52 32.9 26.9 40.3



#4

Vinyl Chloride

Concen: 47.122 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW013686.D

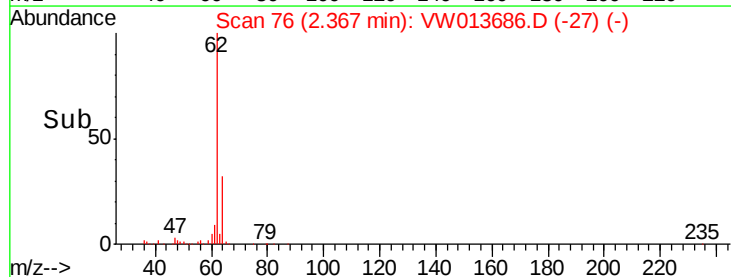
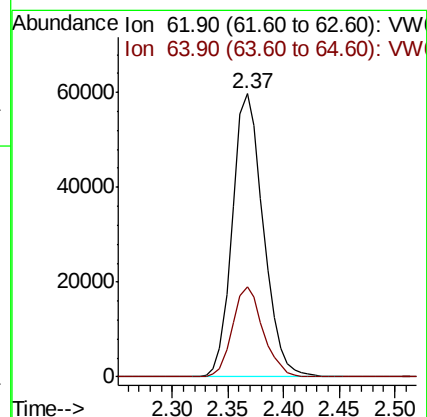
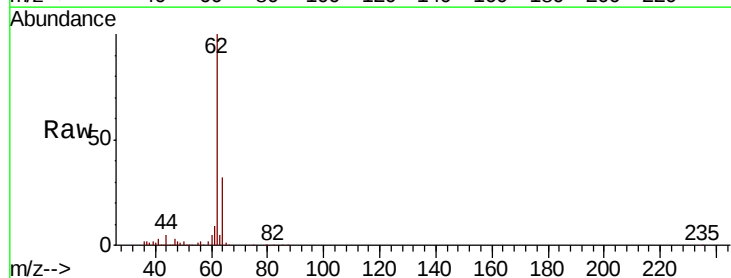
Acq: 24 Oct 2019 00:28

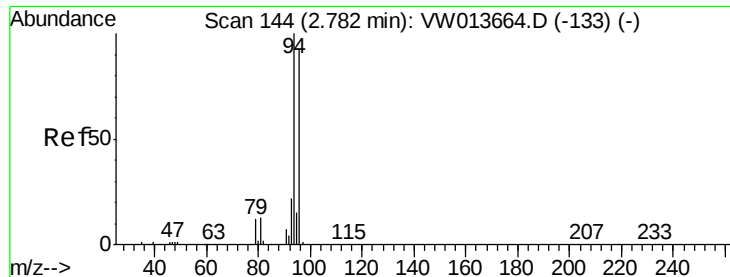
Tgt Ion: 62 Resp: 115328

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 50.373 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

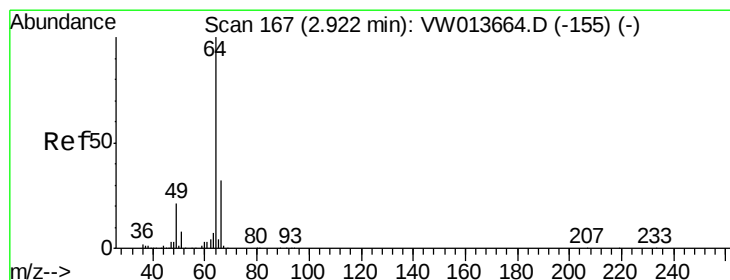
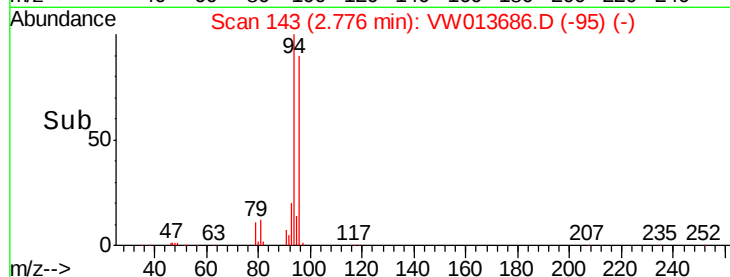
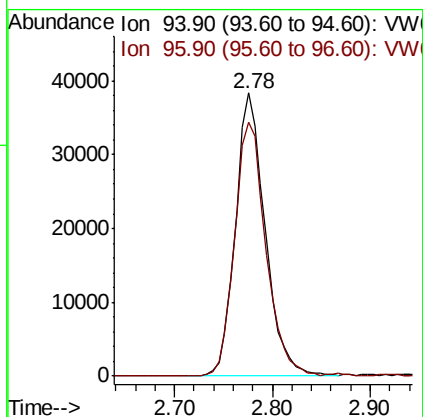
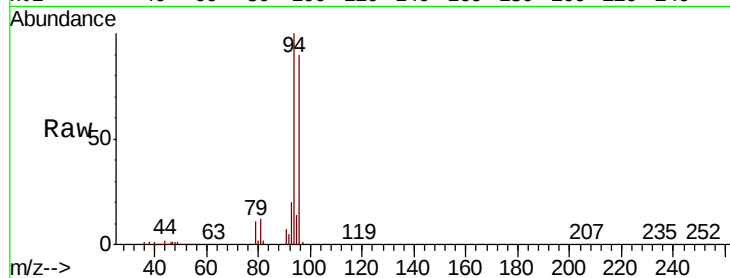
ClientSampleId :

Tot Ion: 94 Resp: 81081

Ion Ratio Lower Upper

94 100

96 89.9 74.6 112.0



#6

Chloroethane

Concen: 49.976 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013686.D

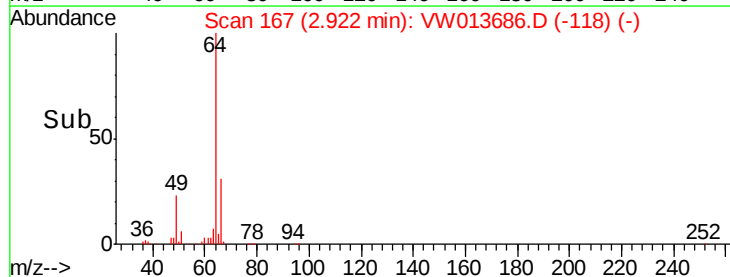
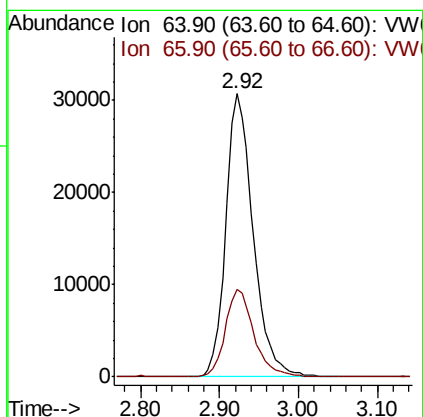
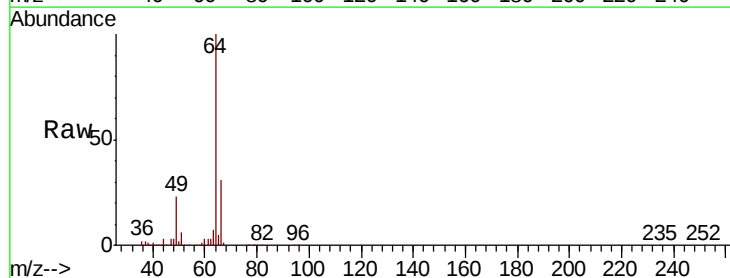
Acq: 24 Oct 2019 00:28

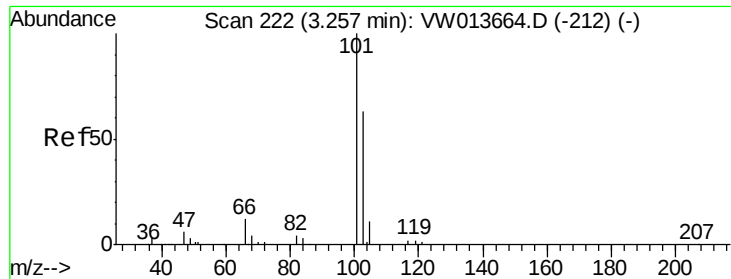
Tgt Ion: 64 Resp: 74011

Ion Ratio Lower Upper

64 100

66 30.8 25.4 38.0



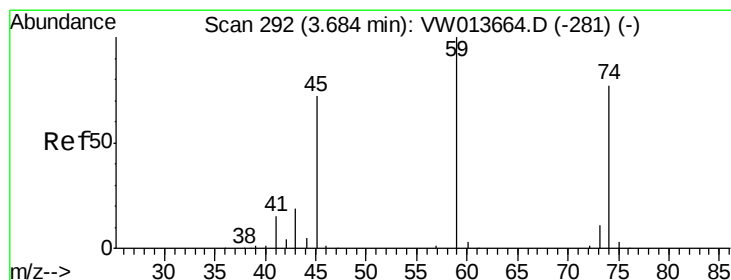
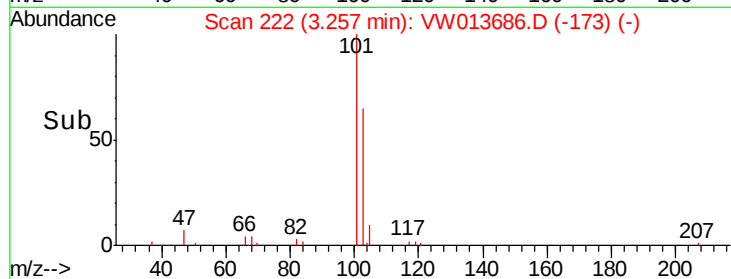
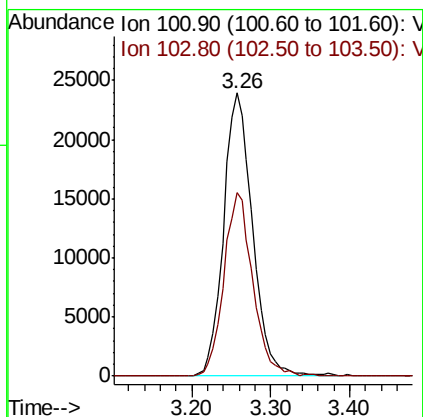
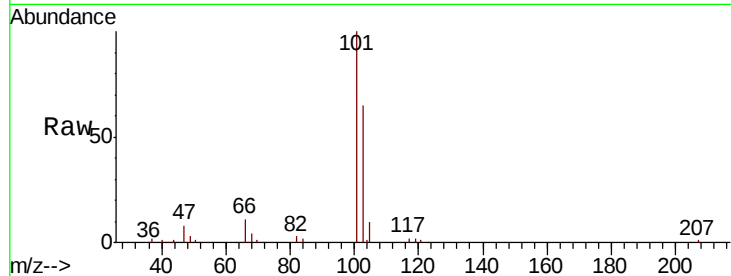


#7

Trichlorofluoromethane
 Concen: 39.903 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Instrument :
 MSVOA_W
 ClientSampled :

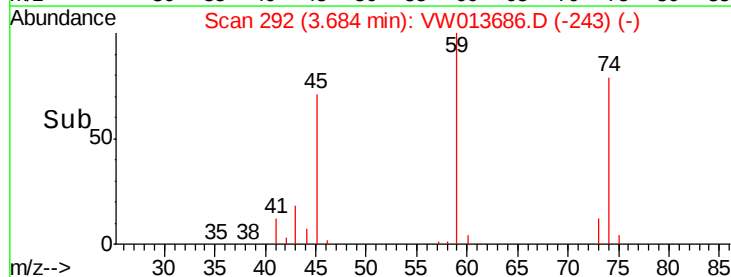
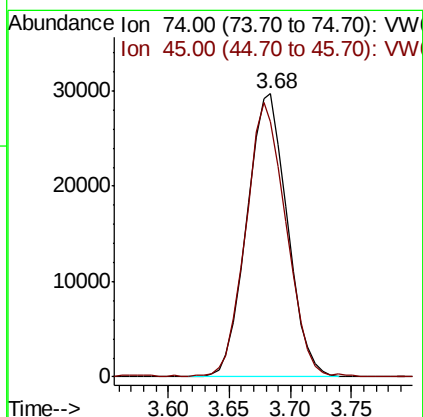
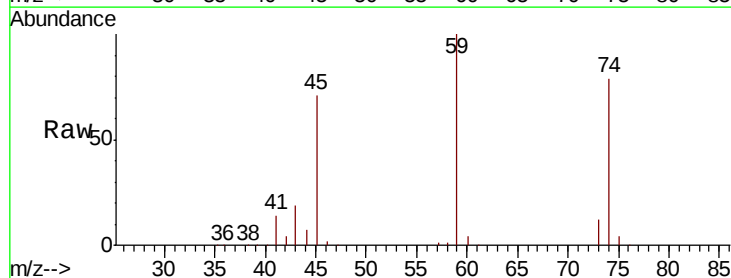
Tot Ion:101 Resp: 61000
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.6 76.0

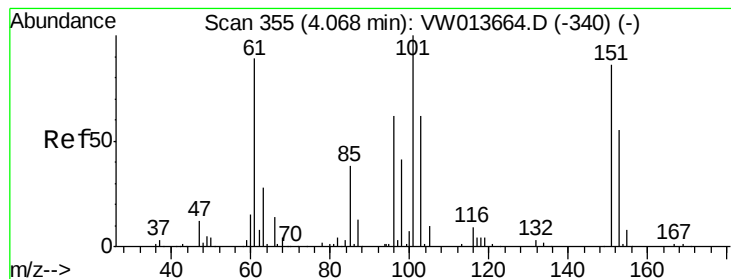


#8

Diethyl Ether
 Concen: 55.289 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion: 74 Resp: 68285
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.568 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampled :

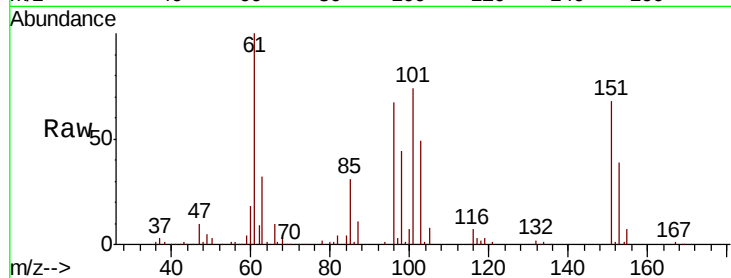
Tot Ion:101 Resp: 120700

Ion Ratio Lower Upper

101 100

85 41.3 31.0 46.6

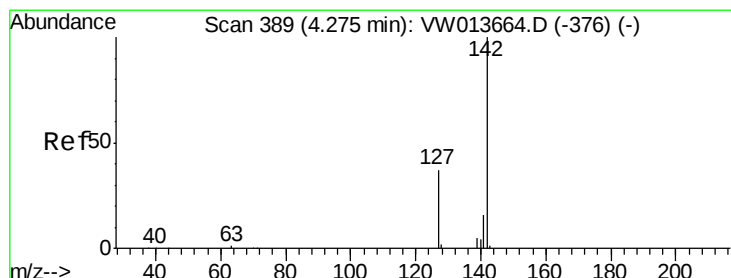
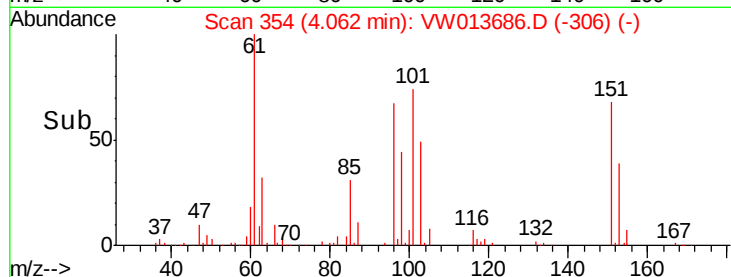
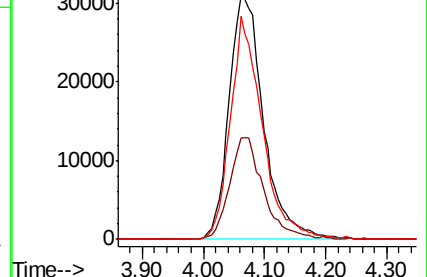
151 84.3 68.2 102.4



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: 51.835 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

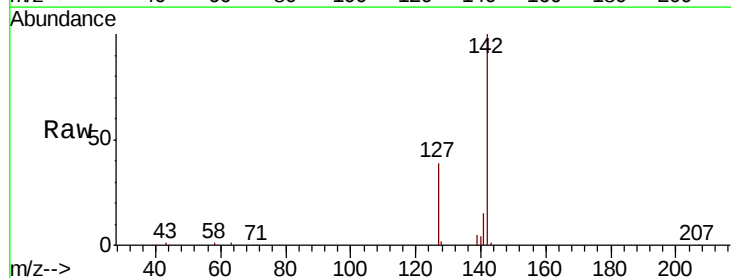
Tgt Ion:142 Resp: 209915

Ion Ratio Lower Upper

142 100

127 38.4 30.3 45.5

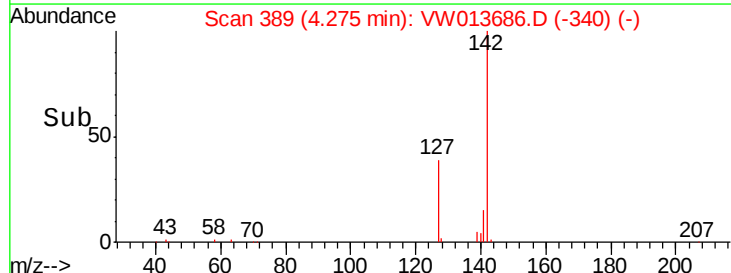
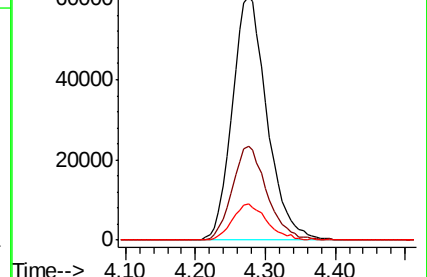
141 14.8 11.8 17.8

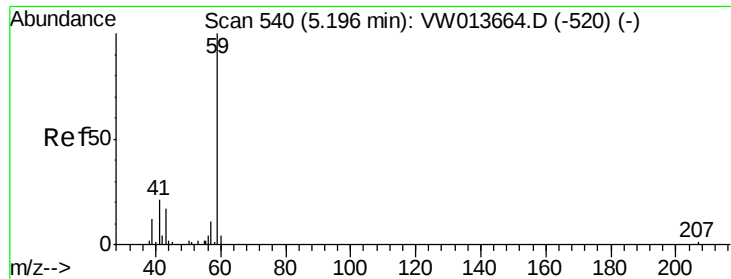


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

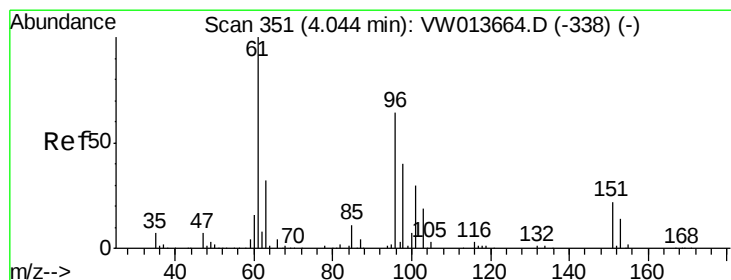
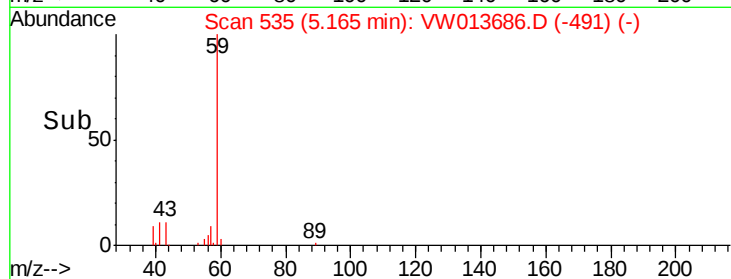
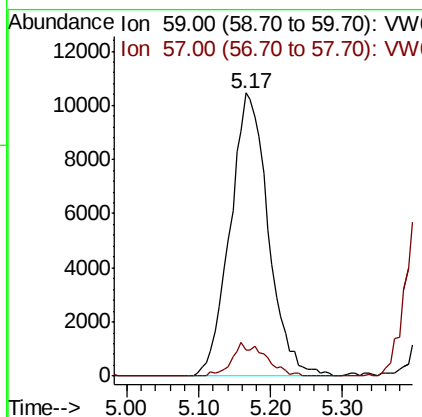
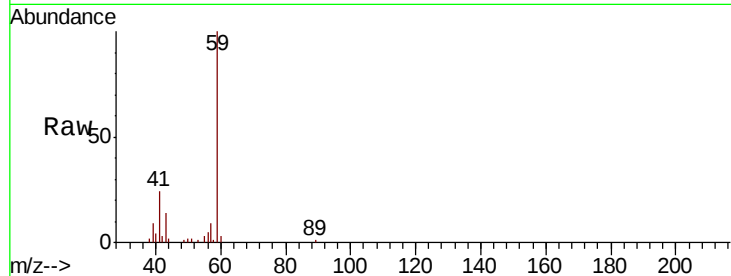




#11
Tert butyl alcohol
Concen: 300.420 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.03 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

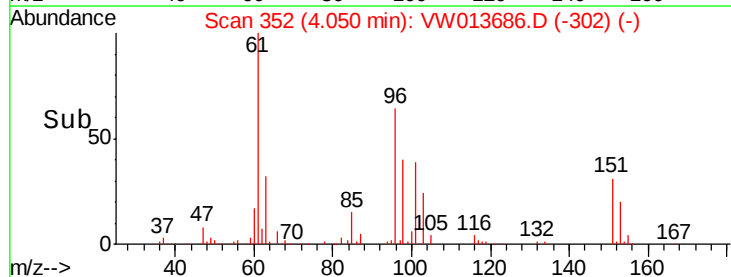
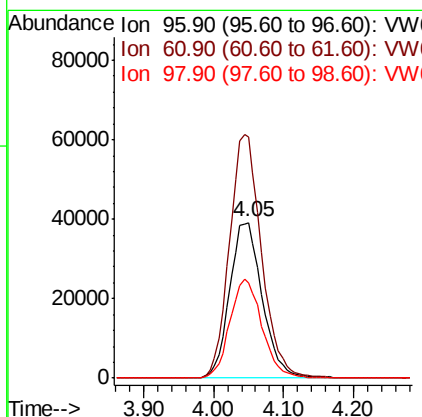
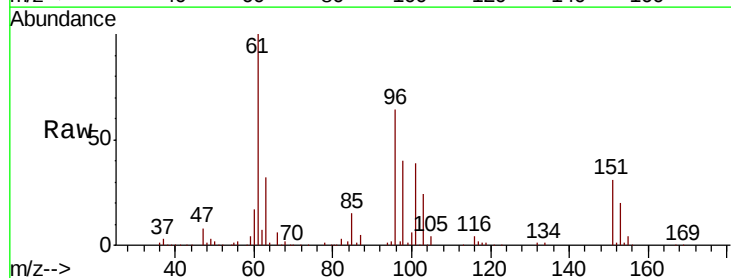
Instrument :
MSVOA_W
ClientSampleId :

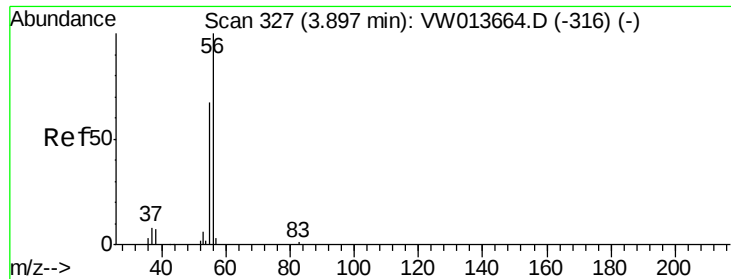
Tot Ion: 59 Resp: 38509
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 49.485 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 96 Resp: 127032
Ion Ratio Lower Upper
96 100
61 155.1 125.0 187.6
98 61.4 50.3 75.5

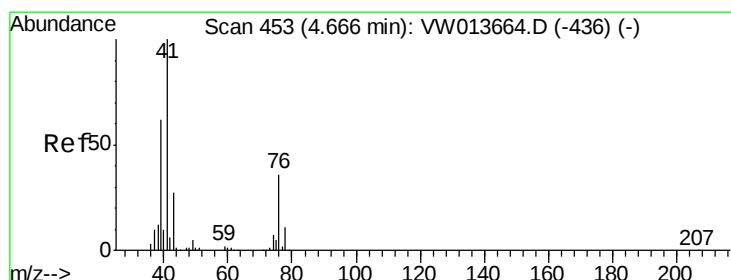
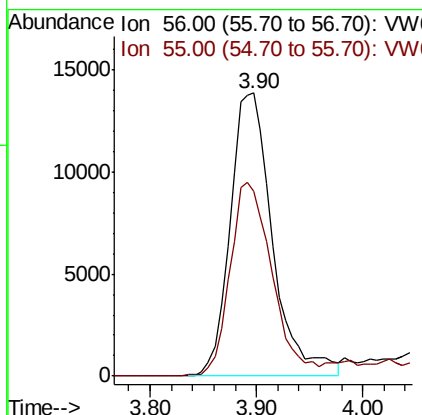
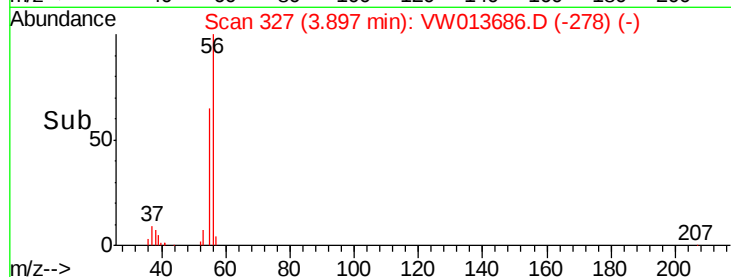
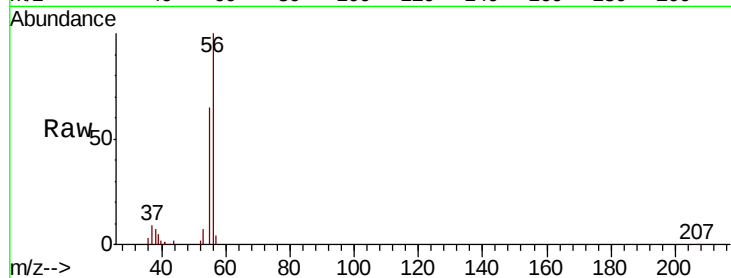




#13
Acrolein
Concen: 263.871 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

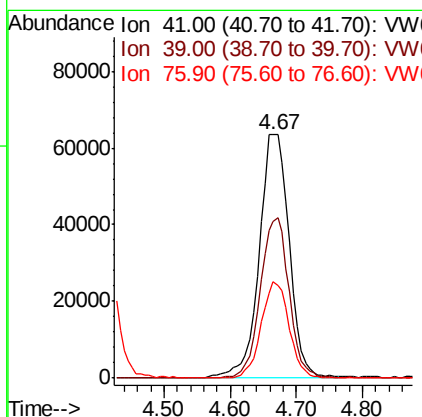
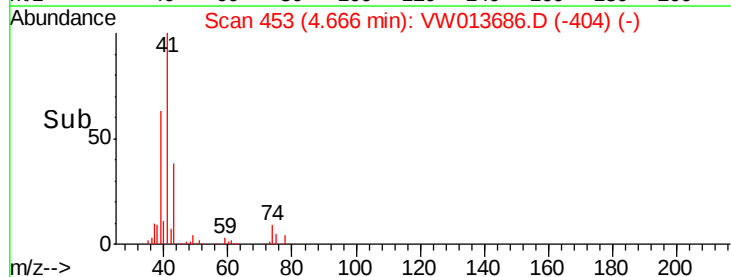
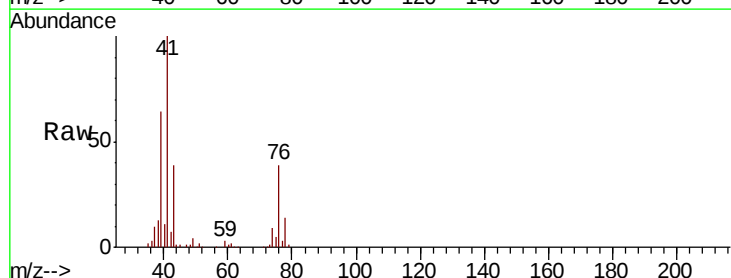
Instrument :
MSVOA_W
ClientSampleId :

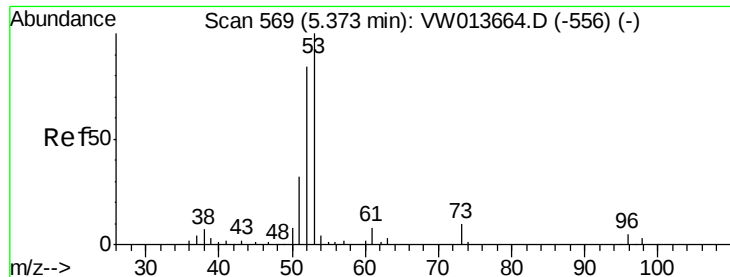
Tot Ion: 56 Resp: 38751
Ion Ratio Lower Upper
56 100
55 67.7 56.1 84.1



#14
Allyl chloride
Concen: 50.957 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 41 Resp: 201143
Ion Ratio Lower Upper
41 100
39 62.8 50.0 75.0
76 36.3 29.6 44.4





#15

Acrylonitrile

Concen: 298.428 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampleId :

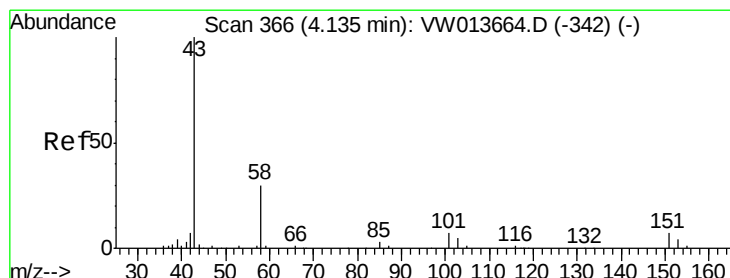
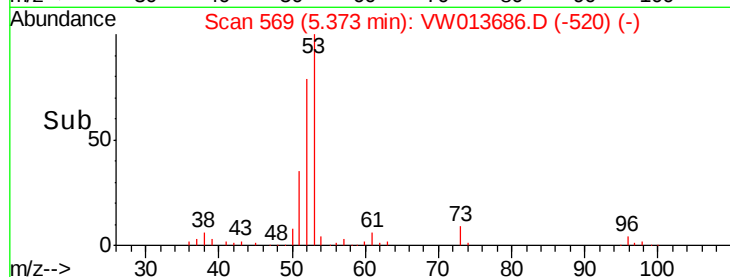
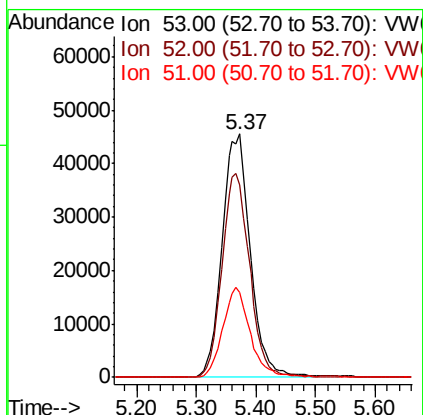
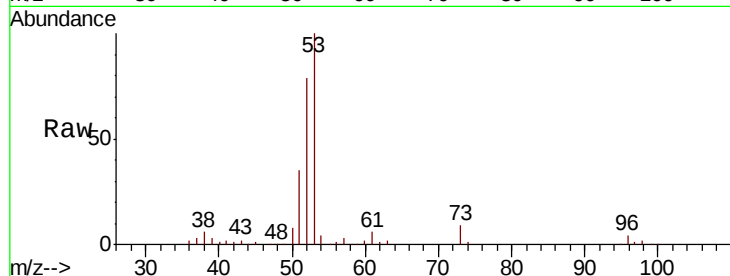
Tot Ion: 53 Resp: 149872

Ion Ratio Lower Upper

53 100

52 82.1 67.4 101.0

51 35.7 29.1 43.7



#16

Acetone

Concen: 257.713 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013686.D

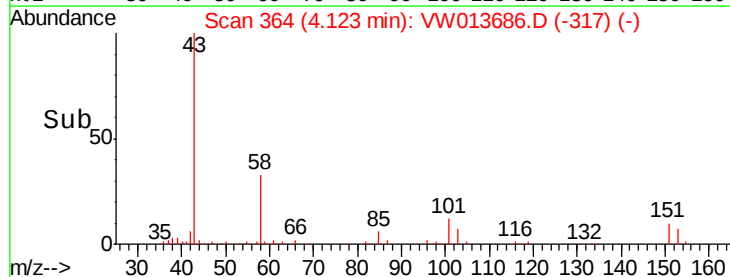
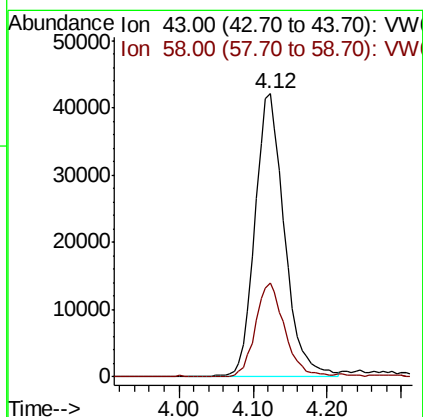
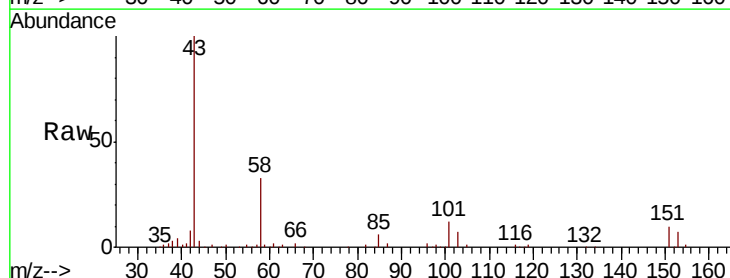
Acq: 24 Oct 2019 00:28

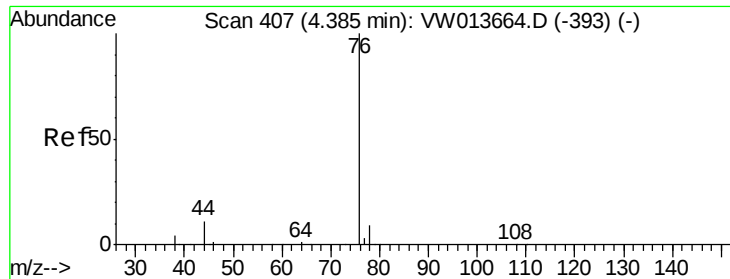
Tgt Ion: 43 Resp: 117331

Ion Ratio Lower Upper

43 100

58 33.0 24.1 36.1

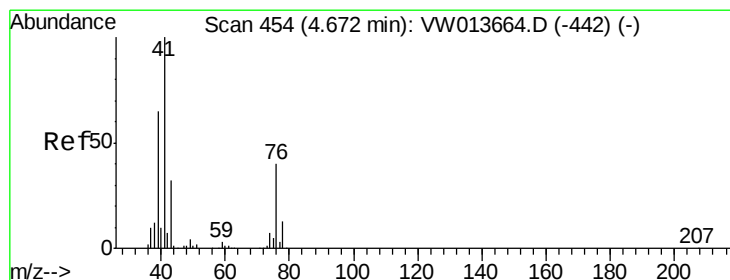
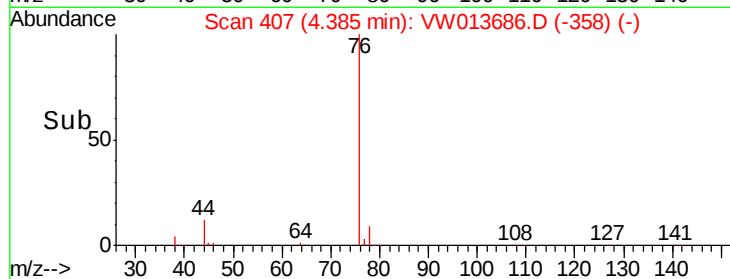
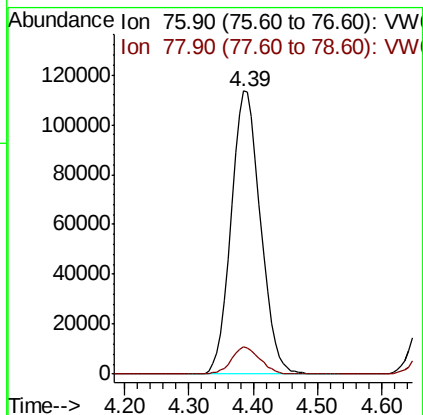
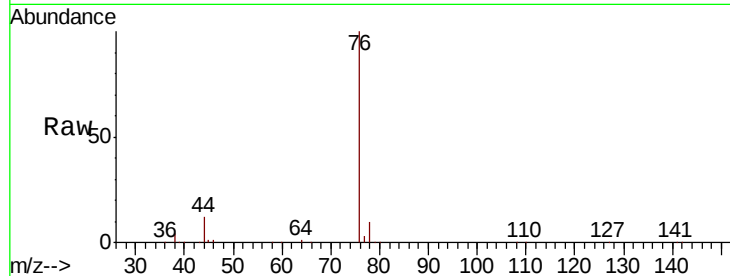




#17
Carbon Disulfide
Concen: 48.807 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

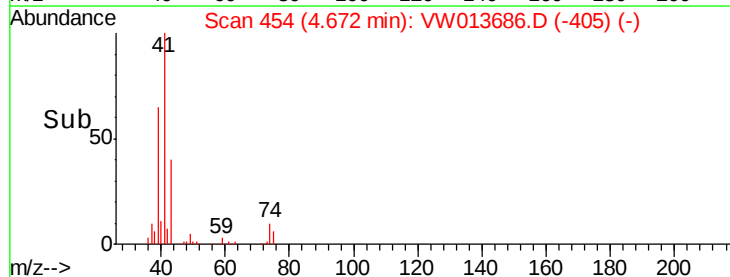
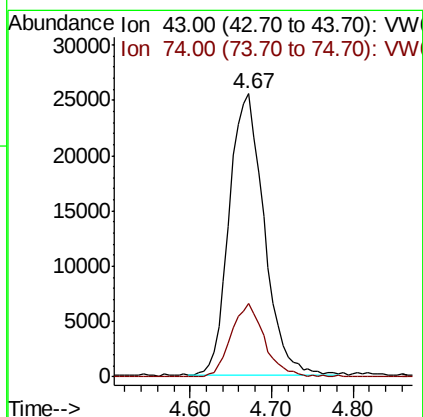
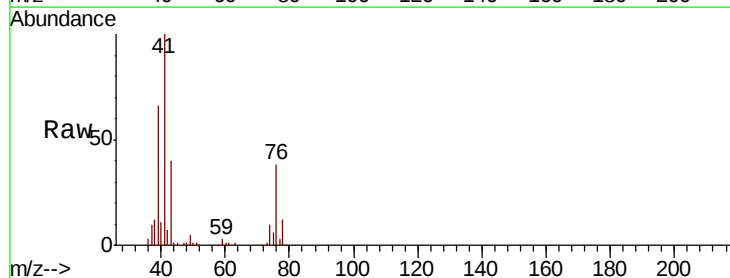
Instrument :
MSVOA_W
ClientSampleId :

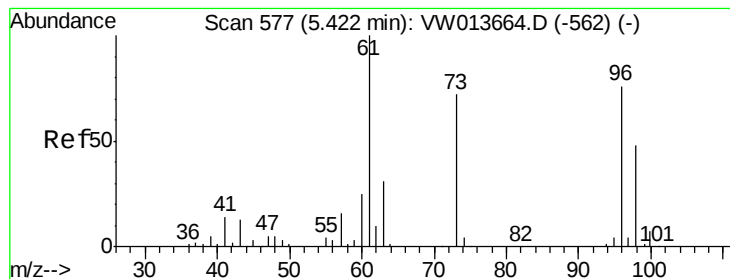
Tot Ion: 76 Resp: 359823
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 60.426 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 43 Resp: 75413
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 57.285 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

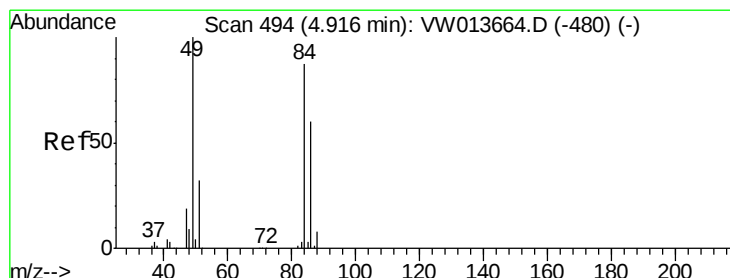
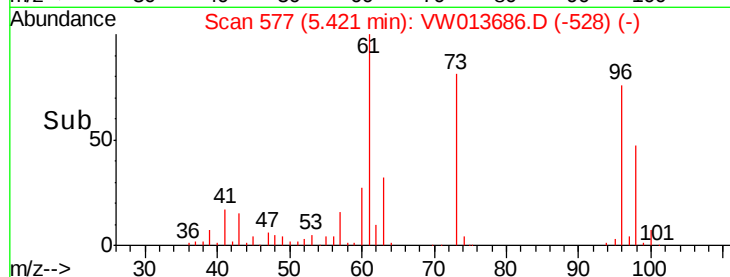
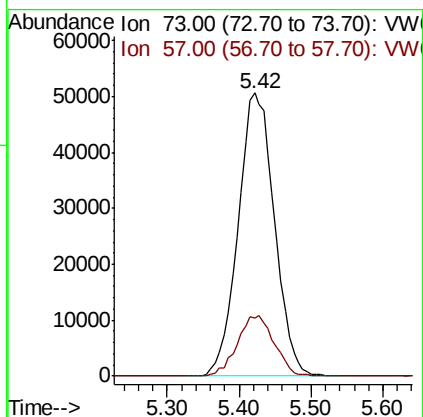
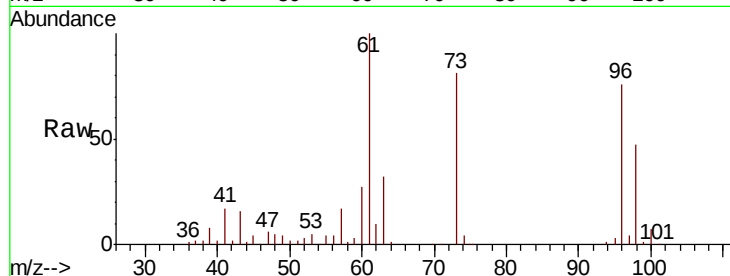
ClientSampled :

Tot Ion: 73 Resp: 176467

Ion Ratio Lower Upper

73 100

57 20.5 17.6 26.4



#20

Methylene Chloride

Concen: 58.087 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Tgt Ion: 84 Resp: 143578

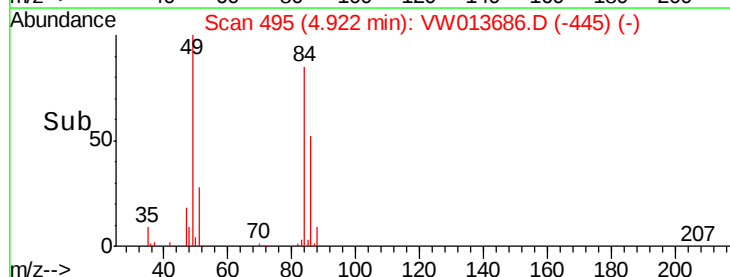
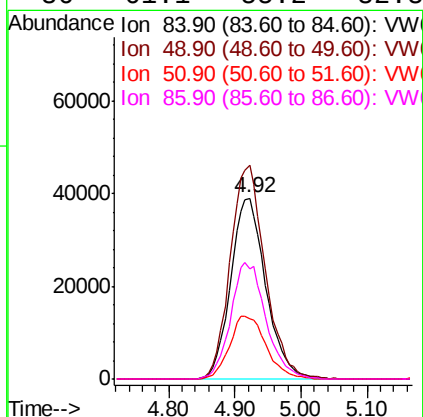
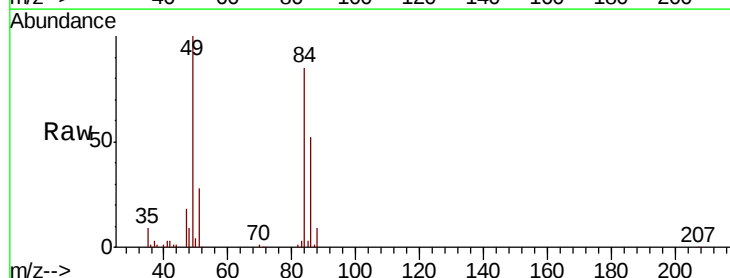
Ion Ratio Lower Upper

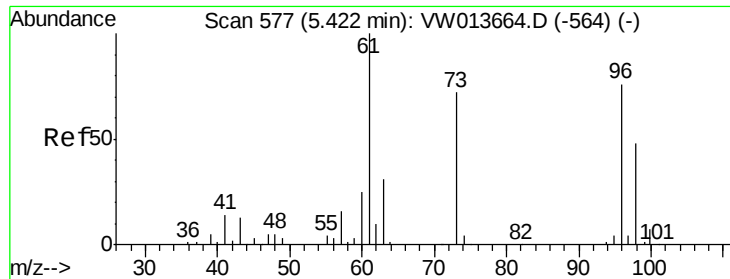
84 100

49 117.9 91.8 137.6

51 33.3 29.8 44.6

86 61.1 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 51.883 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampleId :

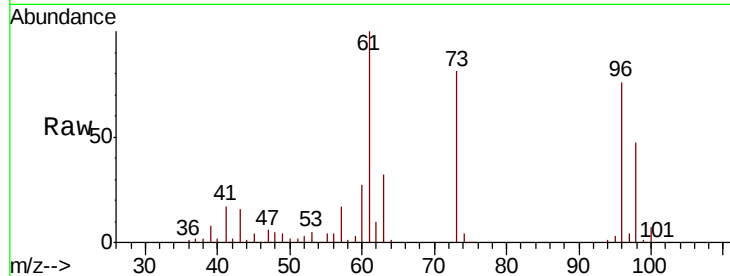
Tot Ion: 96 Resp: 143351

Ion Ratio Lower Upper

96 100

61 131.0 104.8 157.2

98 61.3 50.6 76.0

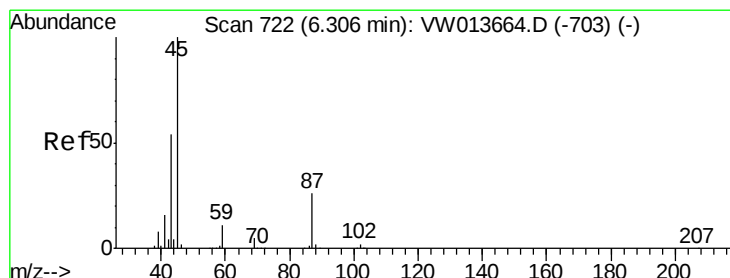
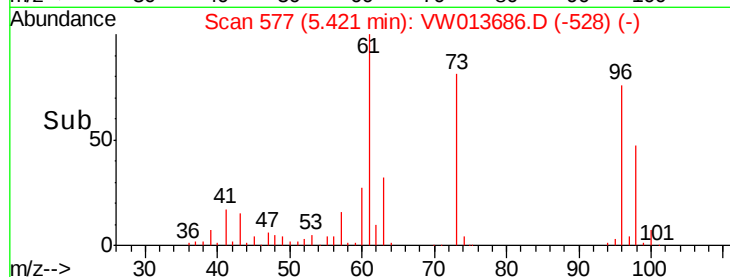
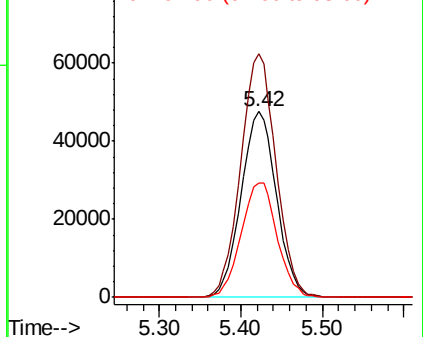


Abundance

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: 55.622 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Tgt Ion: 45 Resp: 400493

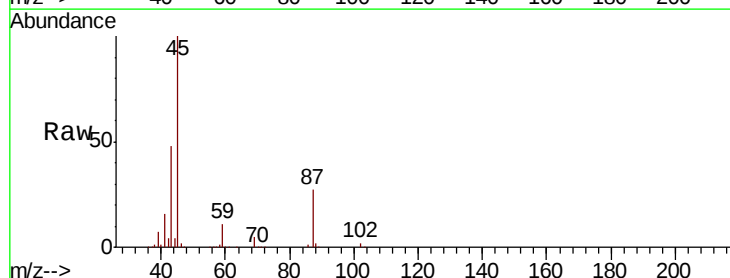
Ion Ratio Lower Upper

45 100

43 48.1 43.4 65.2

87 26.9 21.5 32.3

59 11.3 9.2 13.8



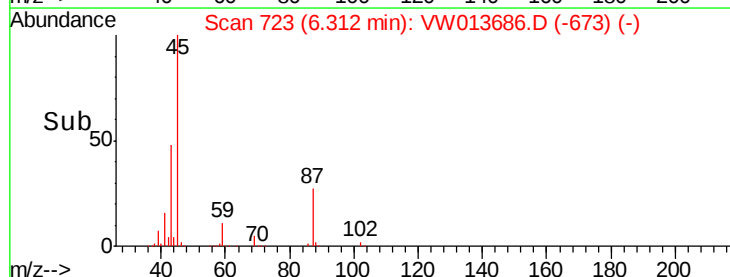
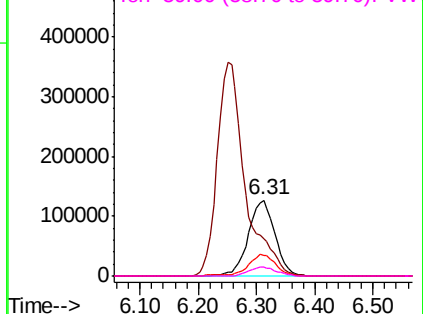
Abundance

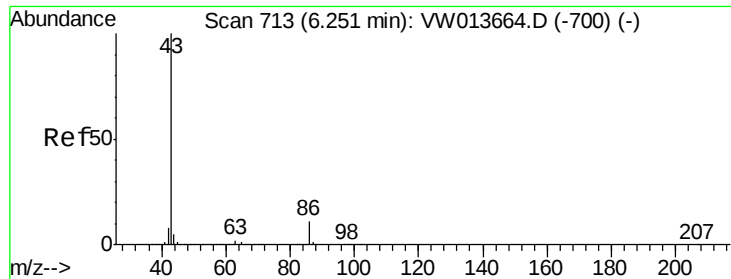
Ion 45.00 (44.70 to 45.70): VW

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: 283.472 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

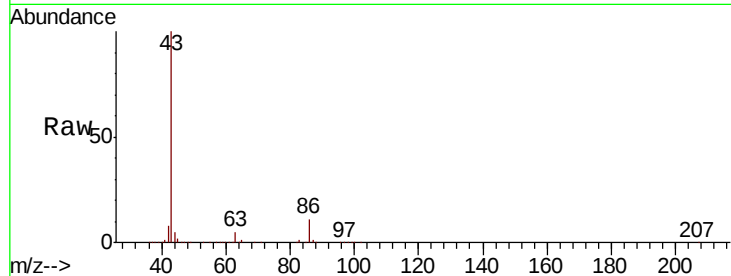
ClientSampleId :

Tot Ion: 43 Resp: 1184316

Ion Ratio Lower Upper

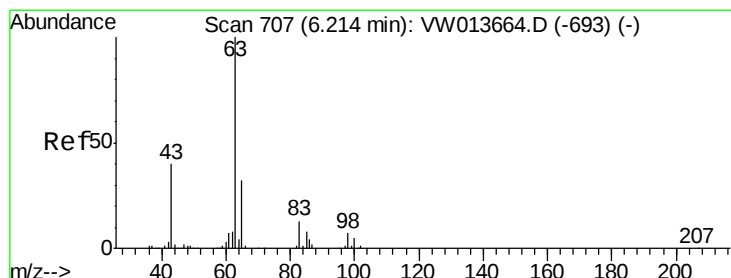
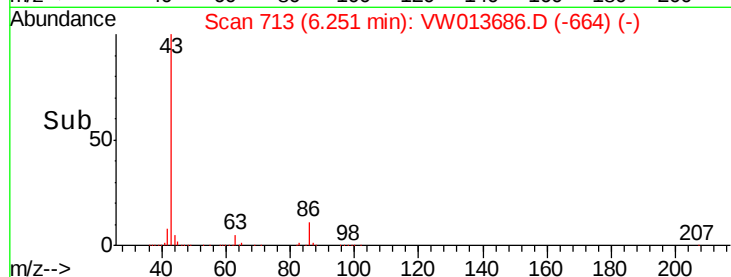
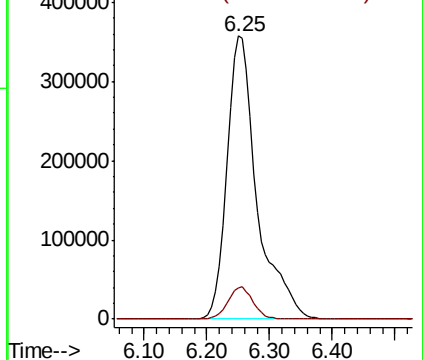
43 100

86 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 52.267 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

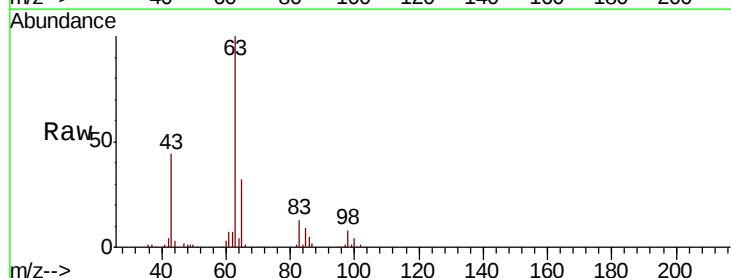
Tgt Ion: 63 Resp: 238343

Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.9

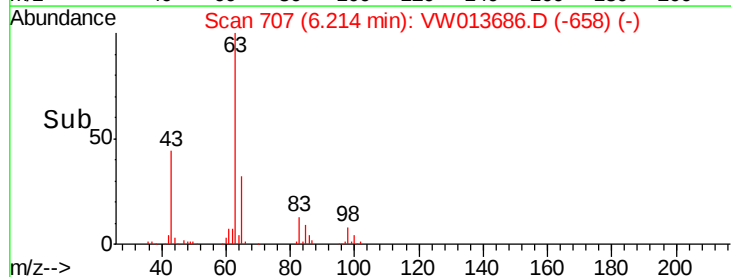
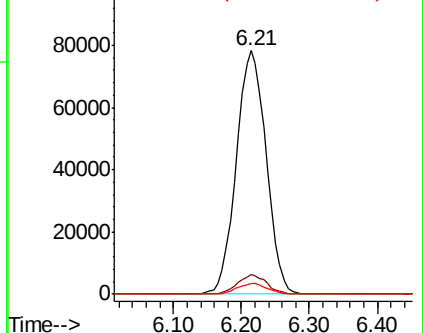
100 4.4 2.5 7.4

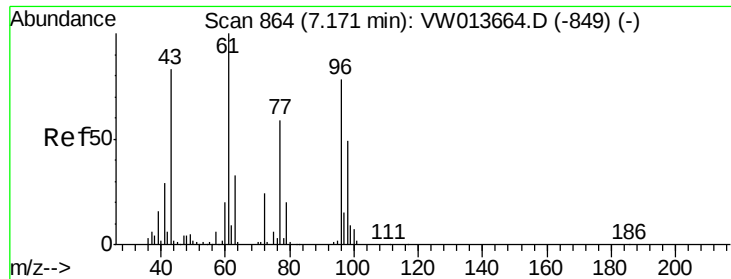


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 289.159 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

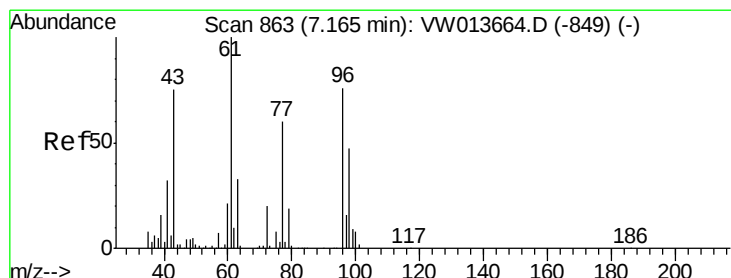
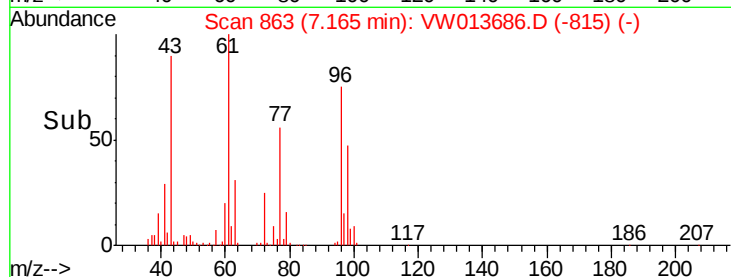
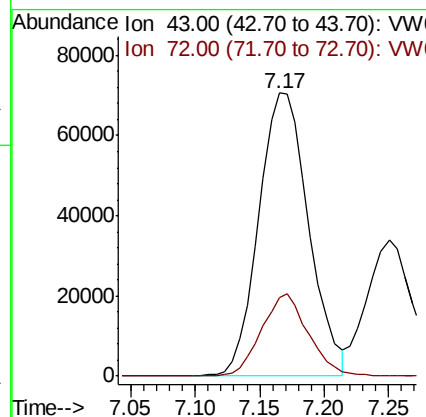
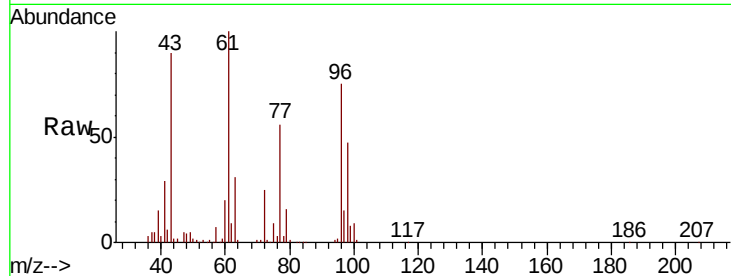
ClientSampled :

Tot Ion: 43 Resp: 189268

Ion Ratio Lower Upper

43 100

72 27.9 23.6 35.4



#26

2,2-Dichloropropane

Concen: 46.767 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013686.D

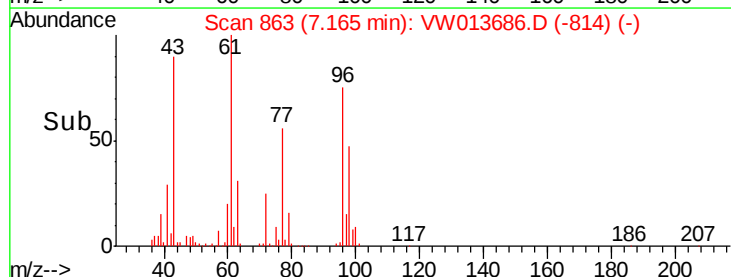
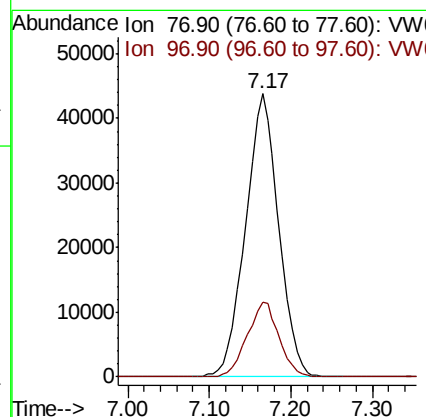
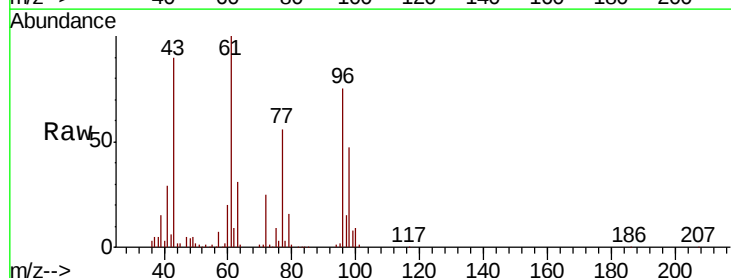
Acq: 24 Oct 2019 00:28

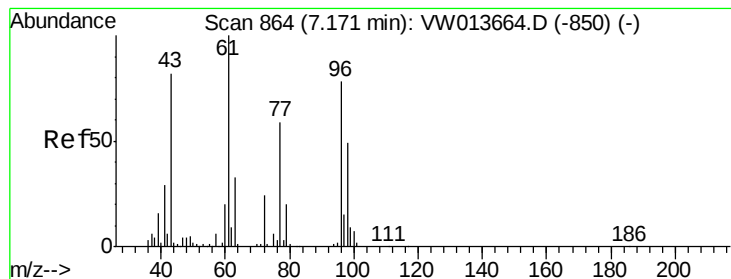
Tgt Ion: 77 Resp: 123319

Ion Ratio Lower Upper

77 100

97 25.3 12.8 38.4



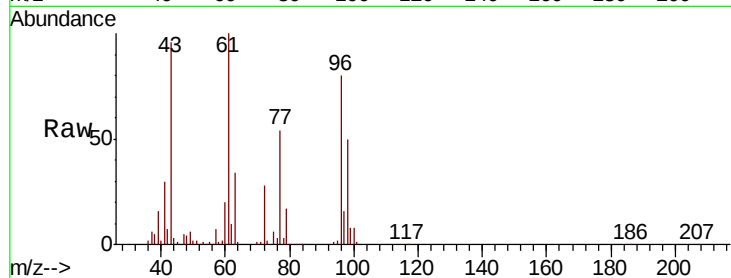


#27

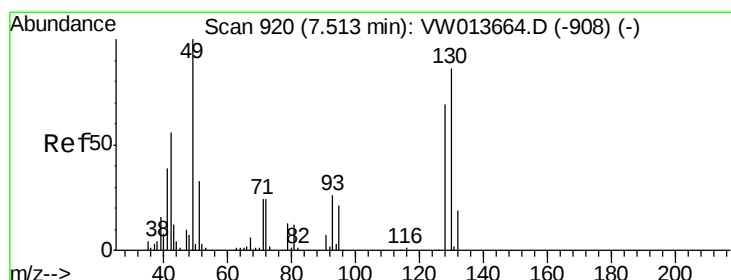
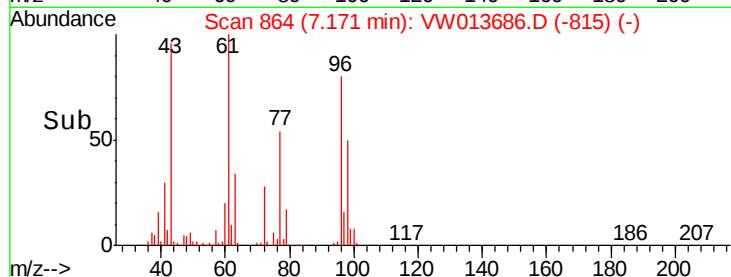
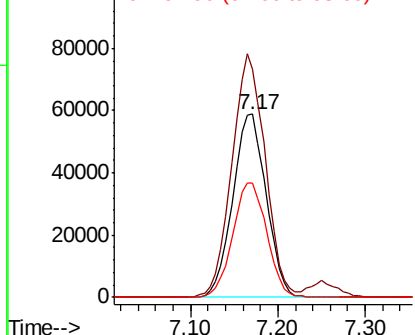
cis-1,2-Dichloroethene
 Concen: 53.387 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 96 Resp: 156673
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 266.0
 98 63.5 0.0 126.8



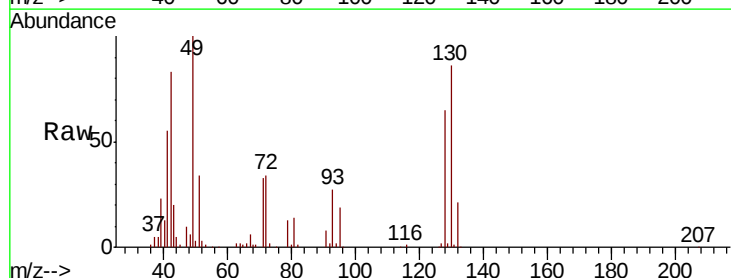
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



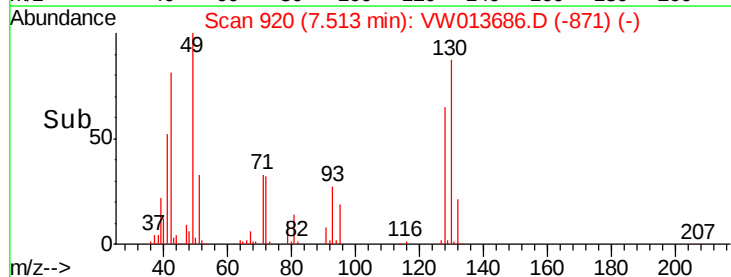
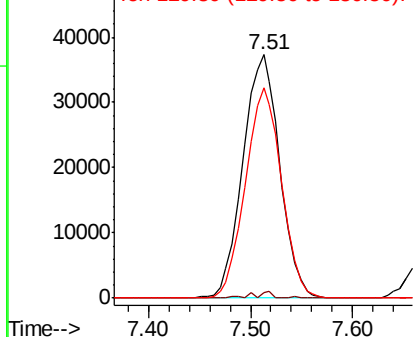
#28

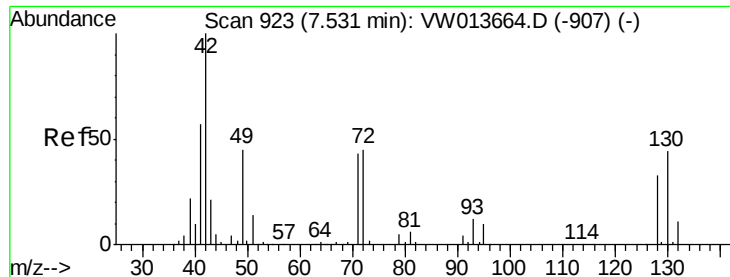
Bromochloromethane
 Concen: 57.338 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion: 49 Resp: 93485
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 0.6#
 130 85.0 67.5 101.3



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

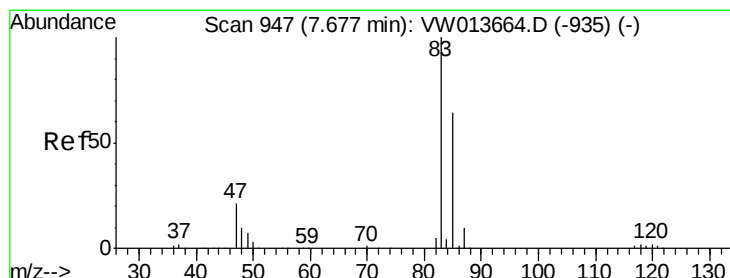
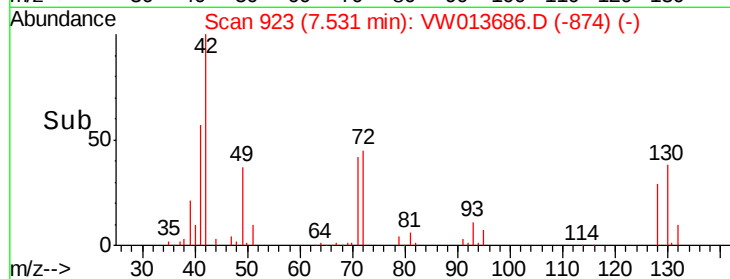
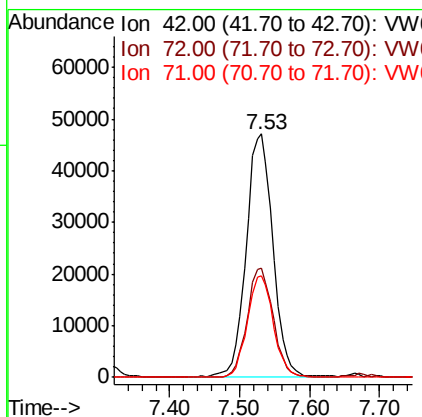
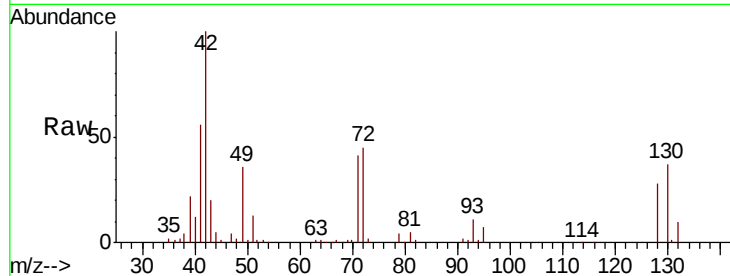




#29
Tetrahydrofuran
Concen: 309.918 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

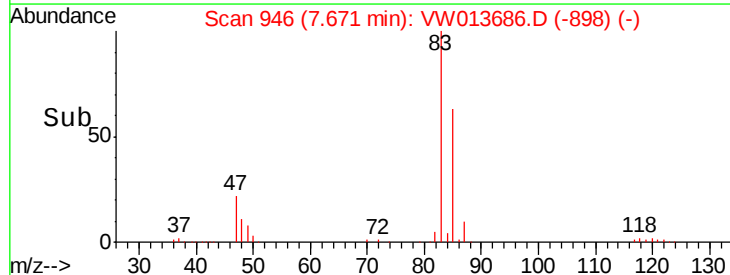
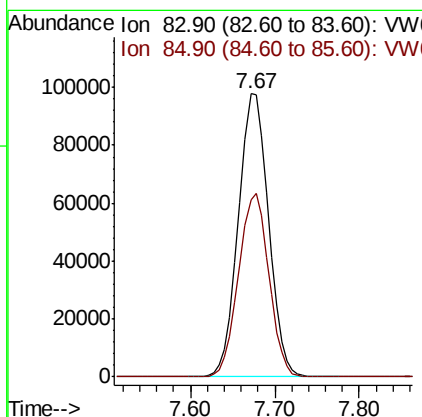
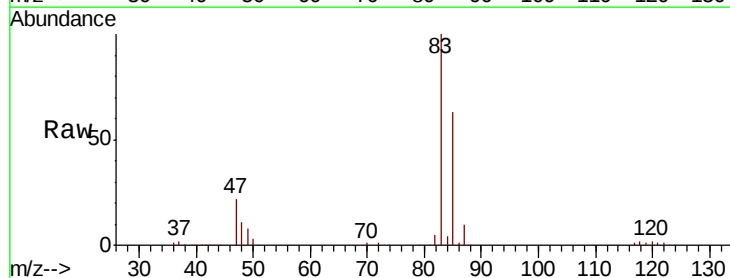
Instrument :
MSVOA_W
ClientSampled :

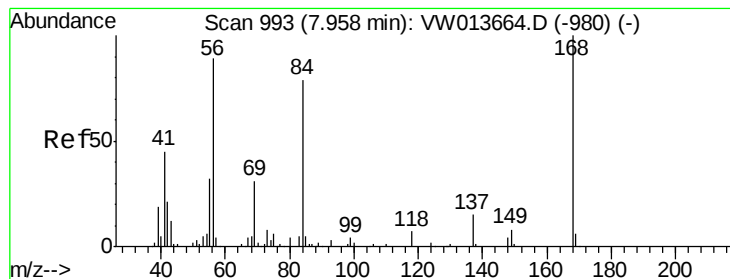
Tot Ion: 42 Resp: 125589
Ion Ratio Lower Upper
42 100
72 43.7 35.3 52.9
71 40.4 33.3 49.9



#30
Chloroform
Concen: 52.507 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 83 Resp: 236696
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.2





#31

Cyclohexane

Concen: 44.615 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampled :

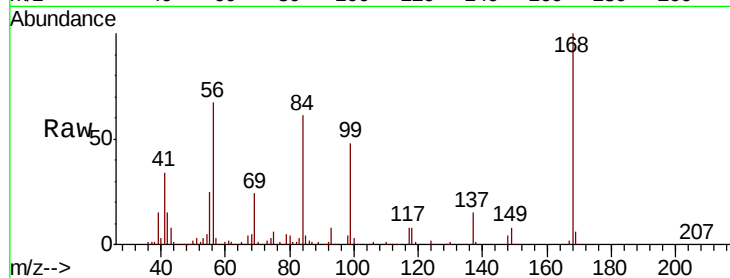
Tot Ion: 56 Resp: 212911

Ion Ratio Lower Upper

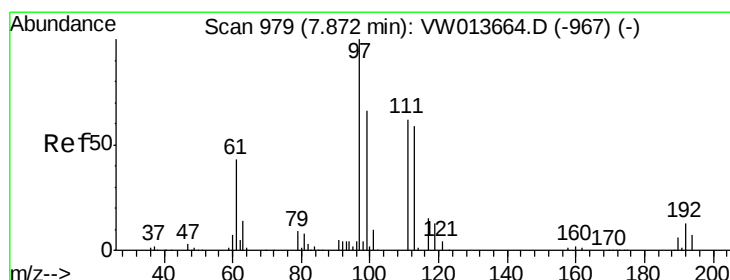
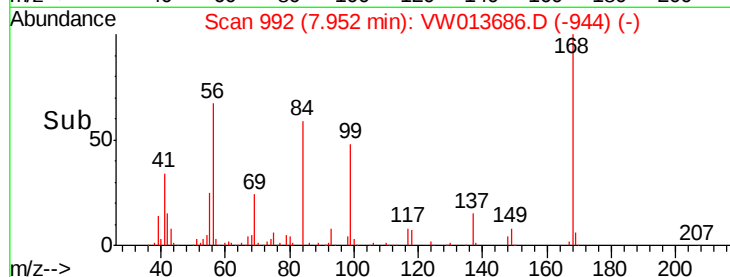
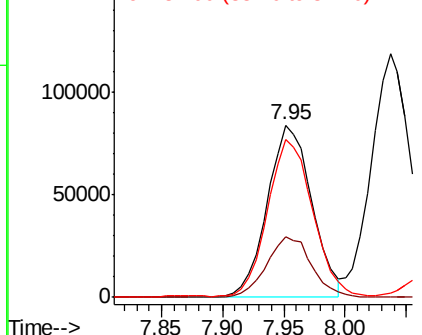
56 100

69 35.2 27.5 41.3

84 90.2 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: 51.151 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

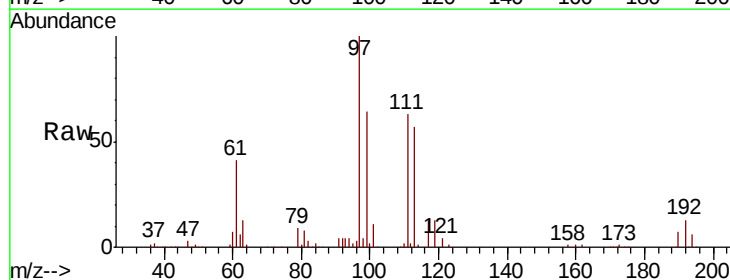
Tgt Ion: 97 Resp: 180946

Ion Ratio Lower Upper

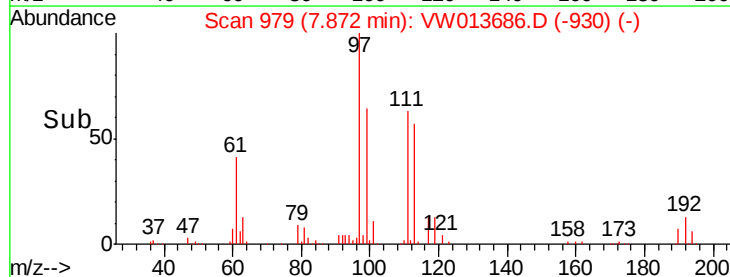
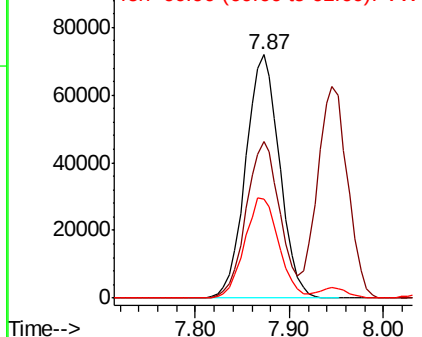
97 100

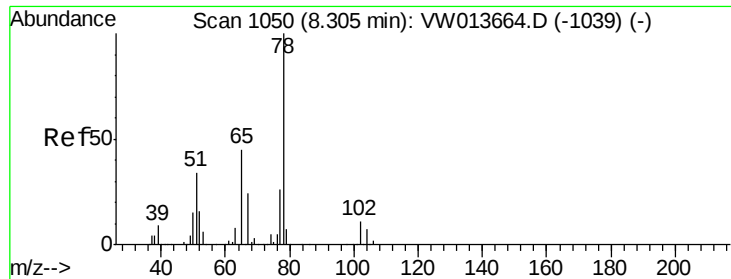
99 64.2 52.0 78.0

61 41.9 33.8 50.6



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

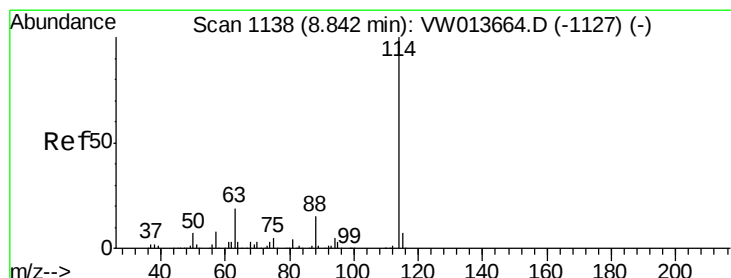
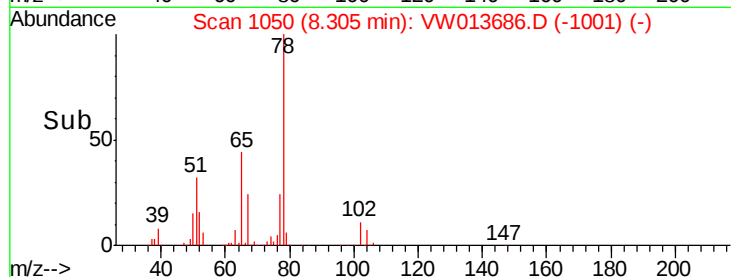
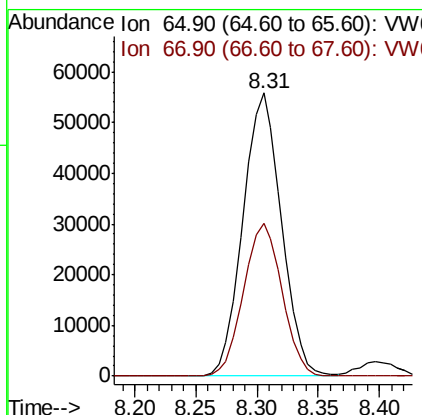
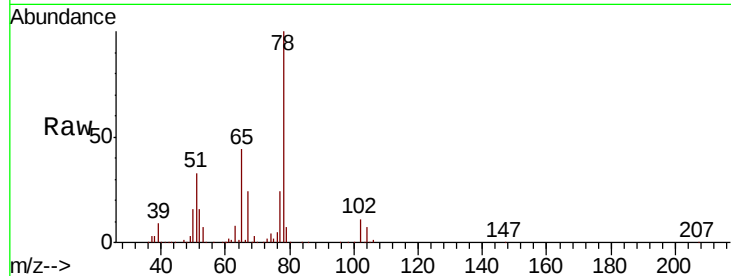




#33
 1,2-Dichloroethane-d4
 Concen: 56.861 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

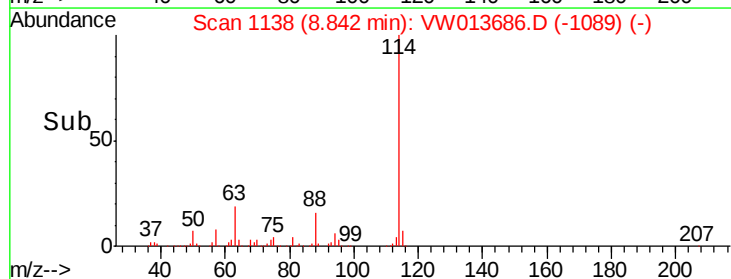
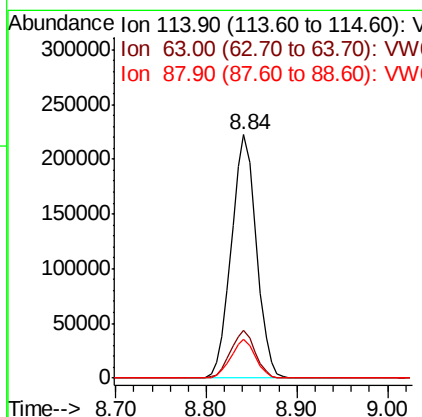
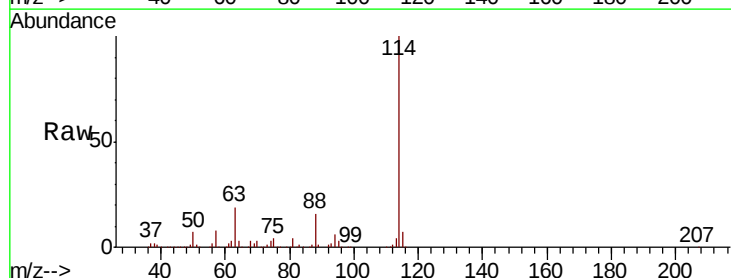
Instrument :
 MSVOA_W
 ClientSampleId :

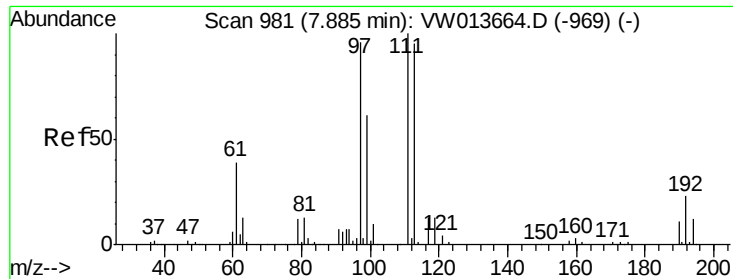
Tot Ion: 65 Resp: 122093
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion: 114 Resp: 425483
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 16.1 0.0 30.2

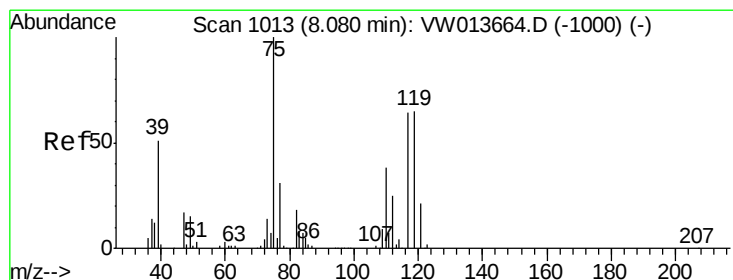
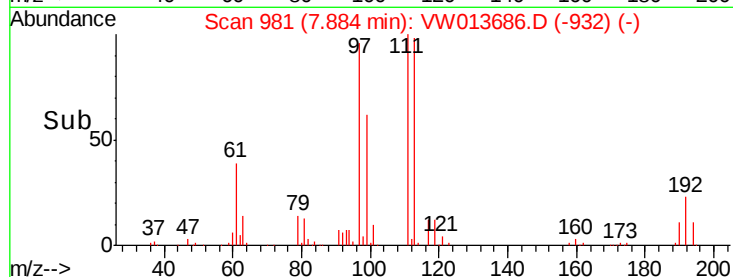
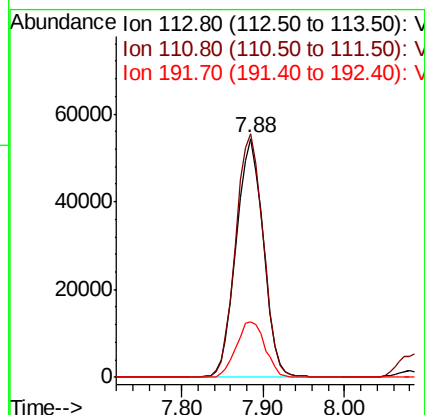
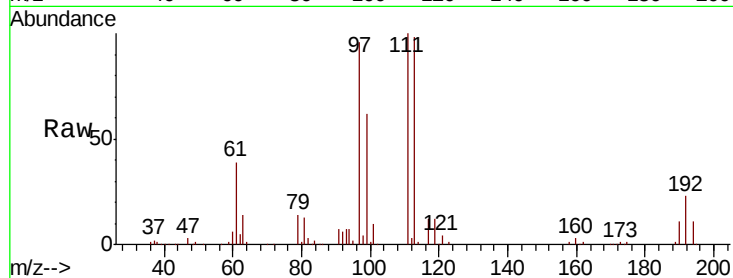




#35
 Dibromofluoromethane
 Concen: 53.081 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

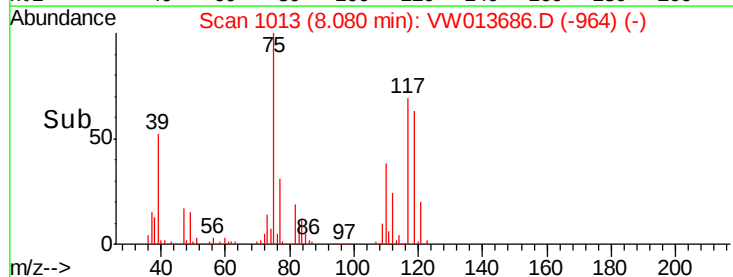
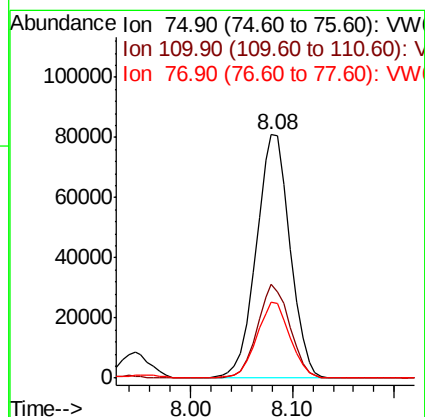
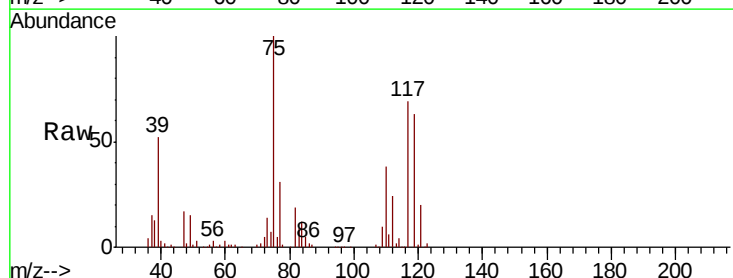
Instrument :
 MSVOA_W
 ClientSampleId :

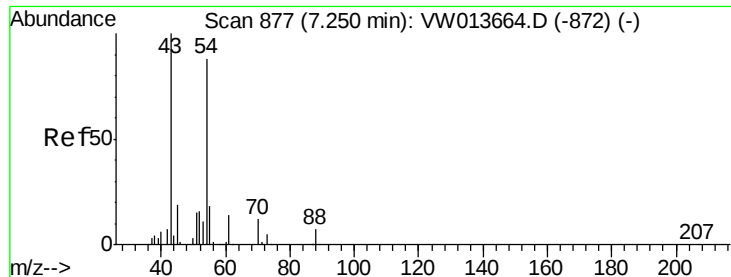
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.6
192	24.4	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 47.032 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.7	56.1
77	31.0	25.4	38.0

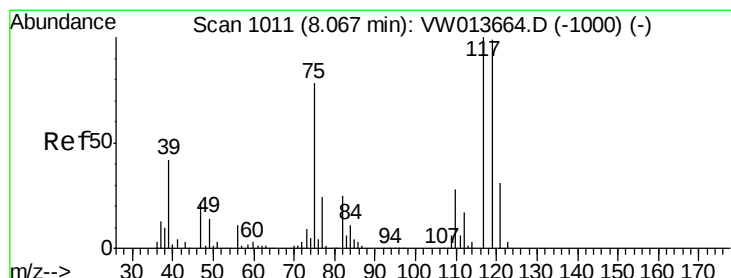
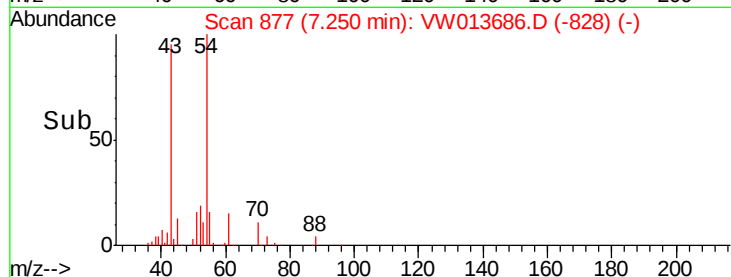
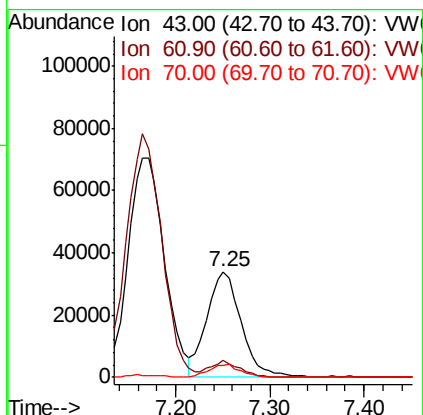
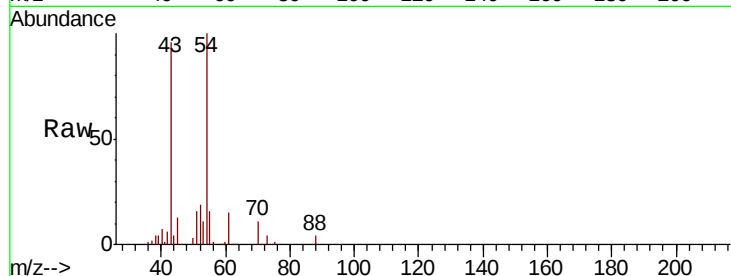




#37
Ethyl Acetate
Concen: 56.316 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

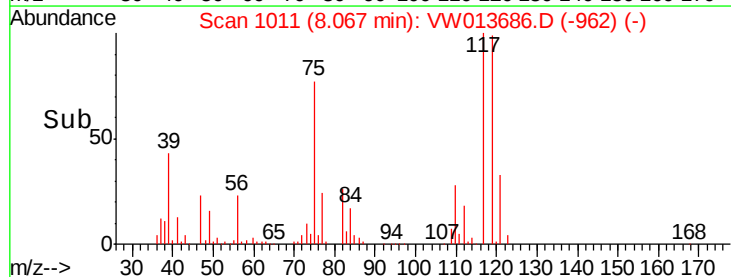
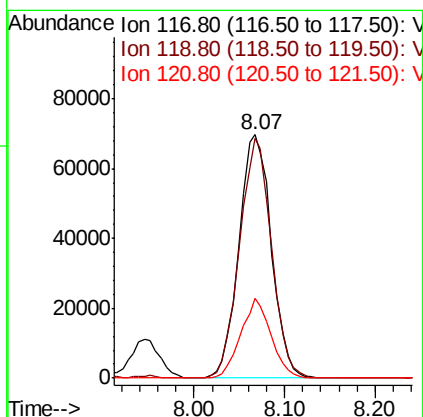
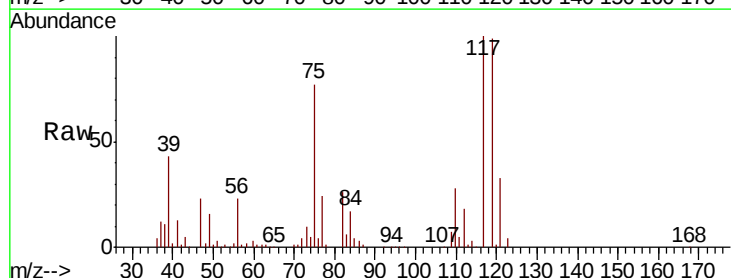
Instrument :
MSVOA_W
ClientSampled :

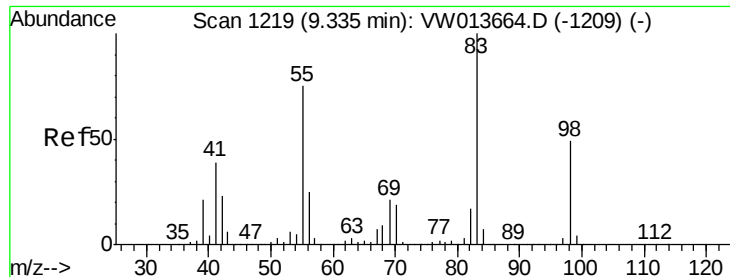
Tot Ion: 43 Resp: 85424
Ion Ratio Lower Upper
43 100
61 14.2 11.7 17.5
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.329 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 117 Resp: 172454
Ion Ratio Lower Upper
117 100
119 98.5 79.0 118.4
121 32.8 24.5 36.7

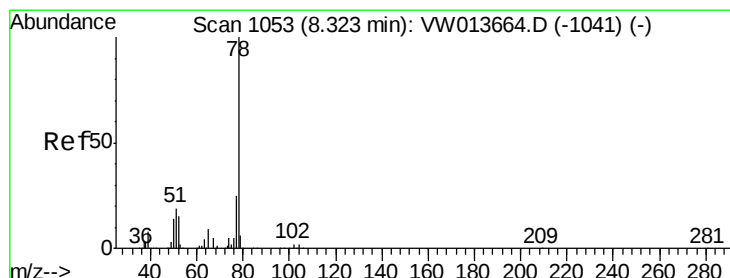
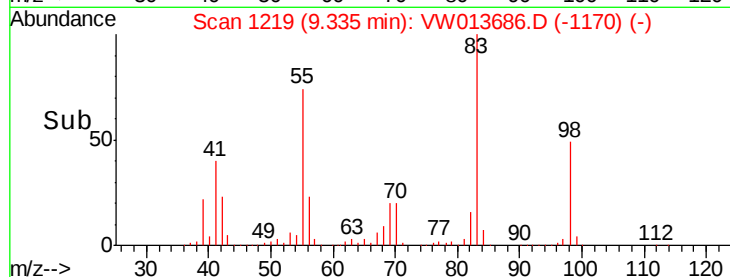
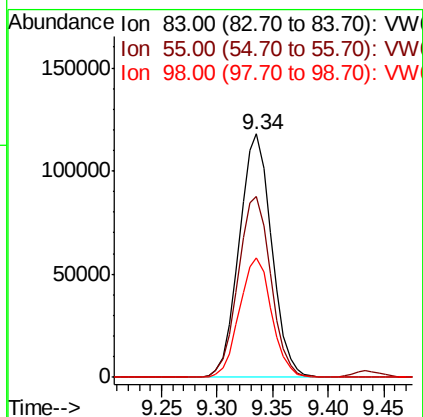
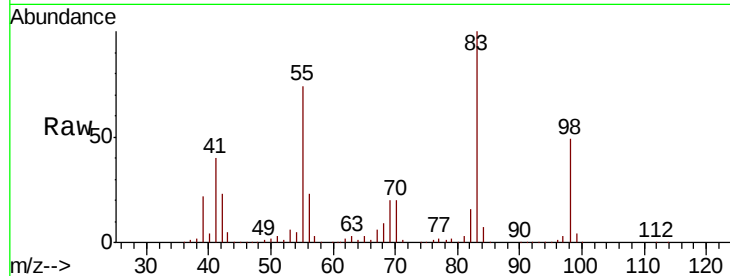




#39
Methvlcvclohexane
Concen: 46.689 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

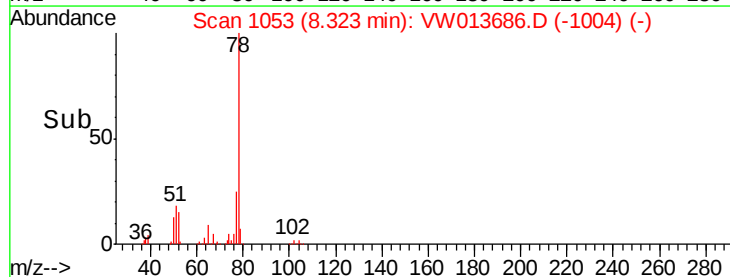
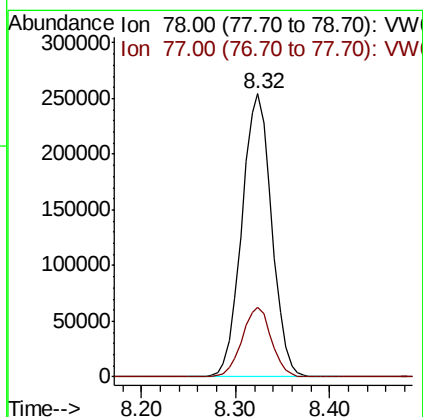
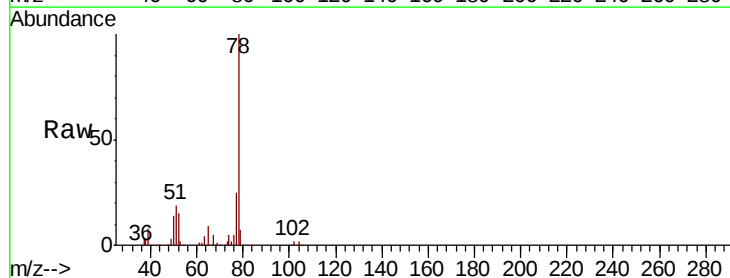
Instrument :
MSVOA_W
ClientSampleId :

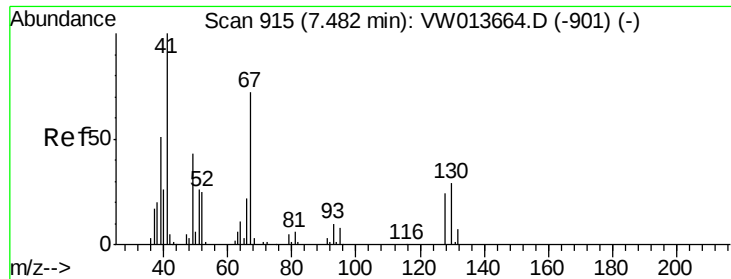
Tot Ion: 83 Resp: 238919
Ion Ratio Lower Upper
83 100
55 74.5 59.9 89.9
98 48.9 39.4 59.2



#40
Benzene
Concen: 50.197 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 78 Resp: 562912
Ion Ratio Lower Upper
78 100
77 24.8 19.6 29.4

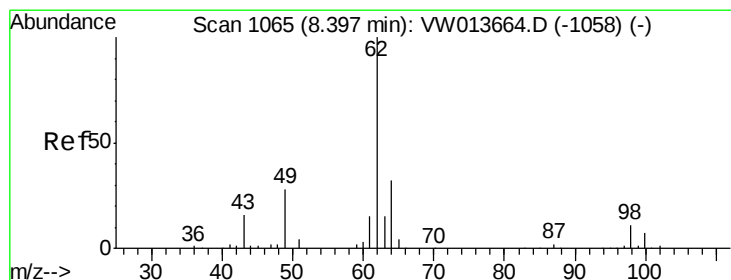
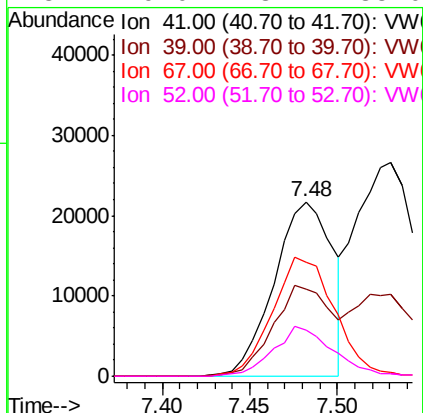
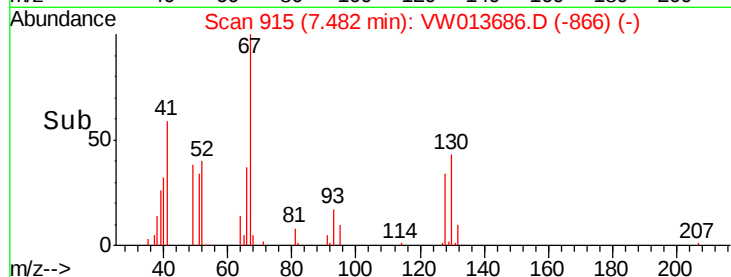
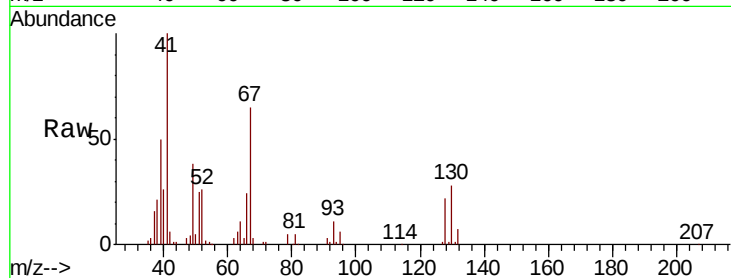




#41
Methacrylonitrile
Concen: 53.477 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

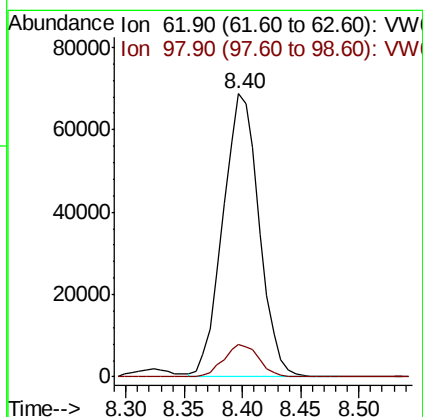
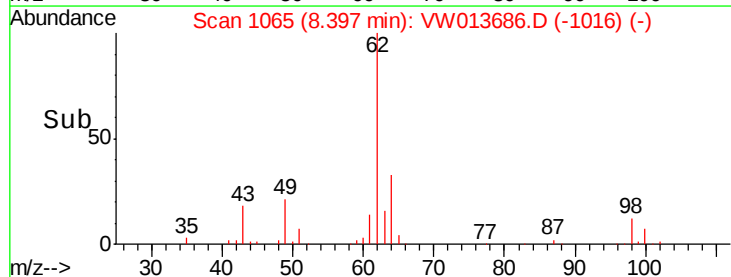
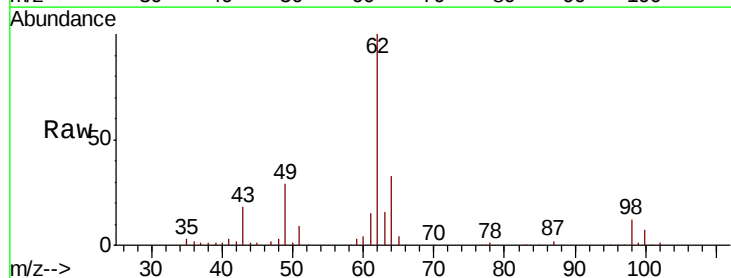
Instrument :
MSVOA_W
ClientSampled :

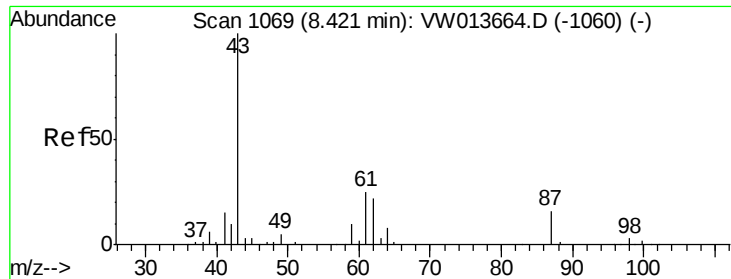
Tot Ion:	41	Resp:	50584
Ion	Ratio	Lower	Upper
41	100		
39	51.5	44.8	67.2
67	72.7	59.3	88.9
52	29.0	23.4	35.0



#42
1,2-Dichloroethane
Concen: 52.486 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion:	62	Resp:	148319
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.4





#43

Isopropyl Acetate

Concen: 55.924 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampled :

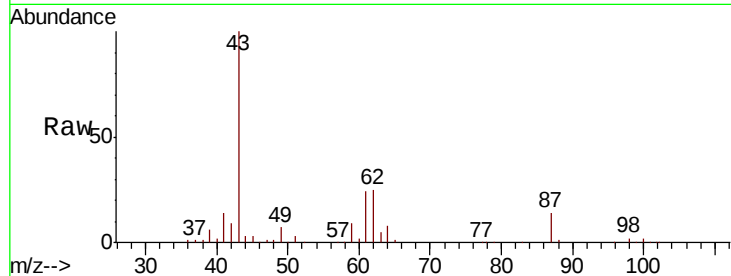
Tot Ion: 43 Resp: 162376

Ion Ratio Lower Upper

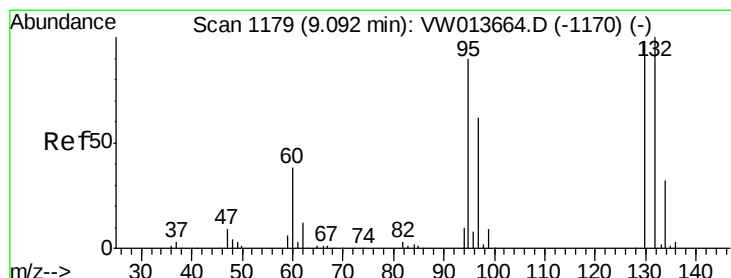
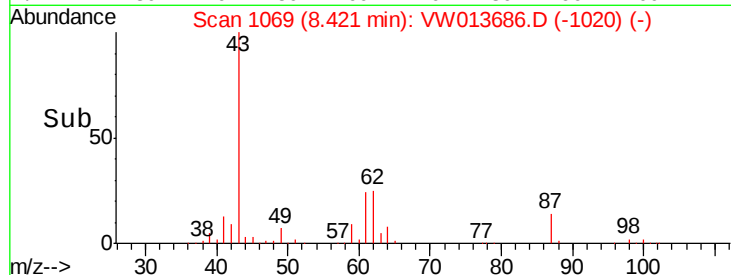
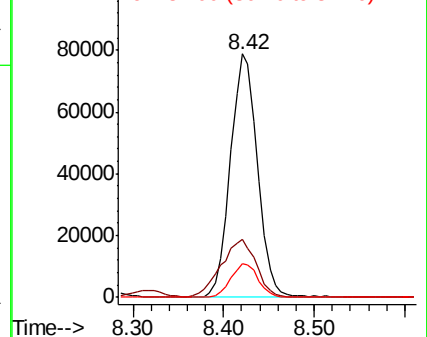
43 100

61 31.0 26.1 39.1

87 13.9 11.4 17.0



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



#44

Trichloroethene

Concen: 49.524 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013686.D

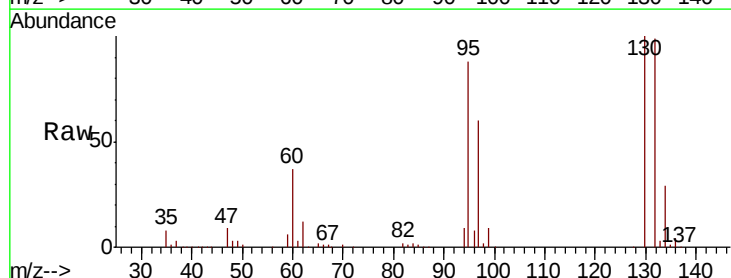
Acq: 24 Oct 2019 00:28

Tgt Ion: 130 Resp: 159084

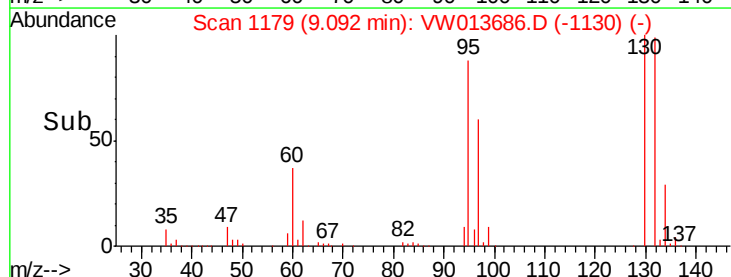
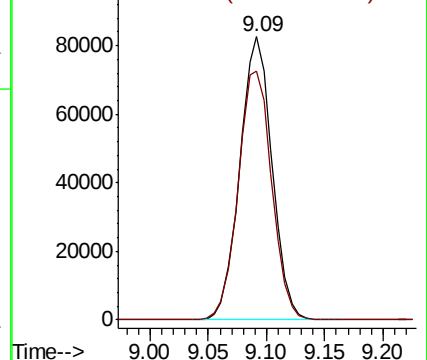
Ion Ratio Lower Upper

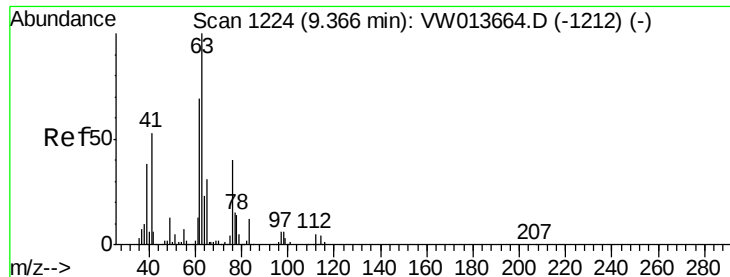
130 100

95 87.8 0.0 184.6



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





#45

1,2-Dichloropropane

Concen: 51.392 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

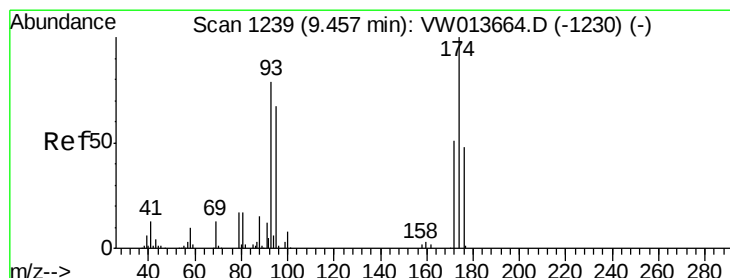
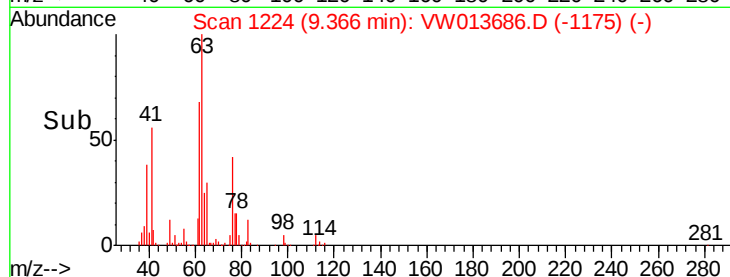
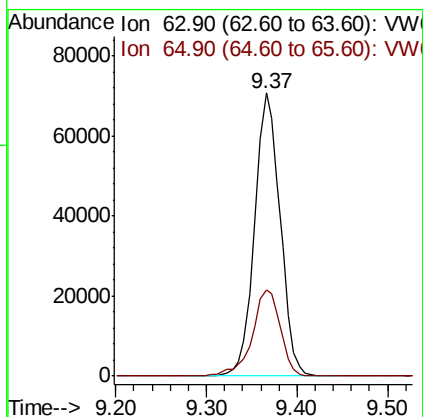
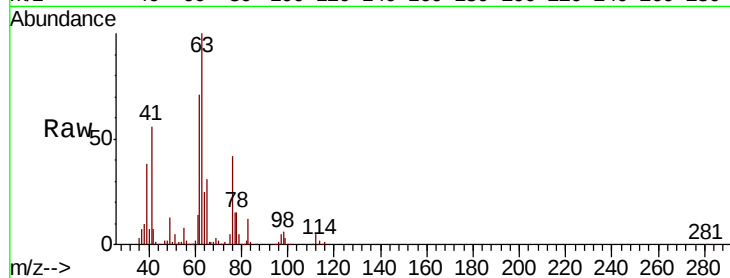
ClientSampled :

Tot Ion: 63 Resp: 137656

Ion Ratio Lower Upper

63 100

65 30.6 25.2 37.8



#46

Dibromomethane

Concen: 54.718 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

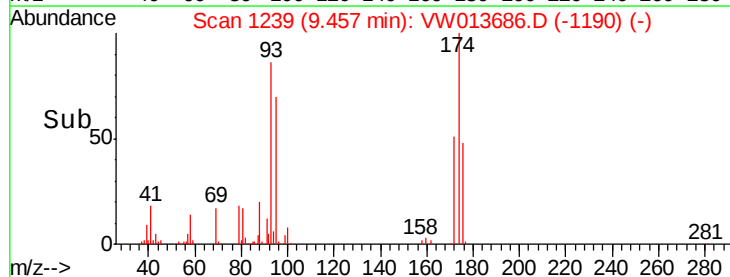
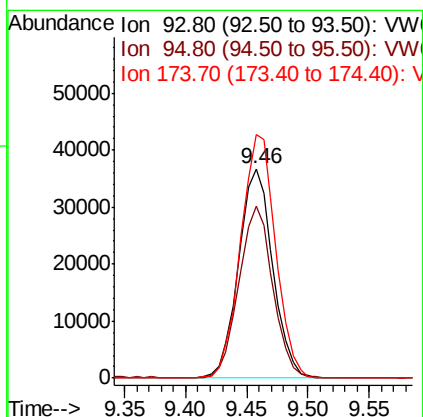
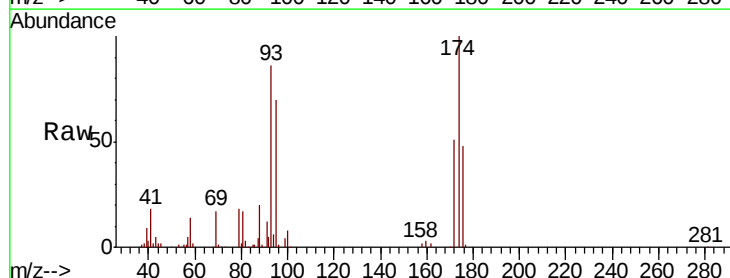
Tgt Ion: 93 Resp: 71136

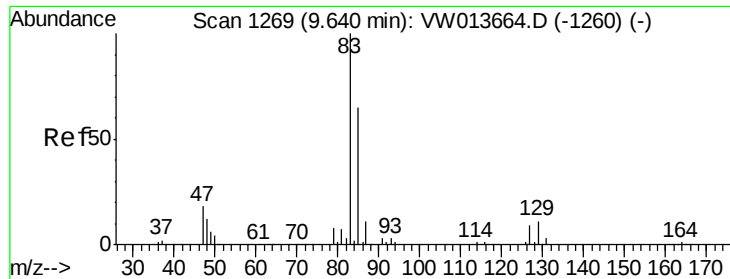
Ion Ratio Lower Upper

93 100

95 81.2 66.5 99.7

174 119.1 99.6 149.4

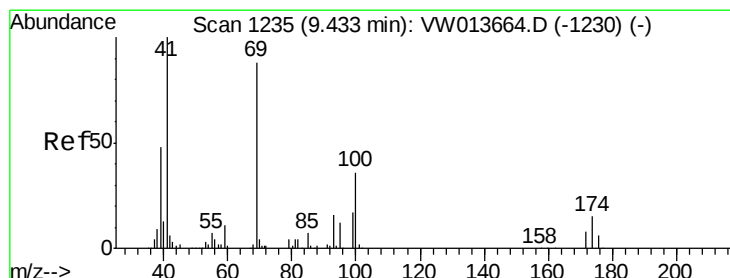
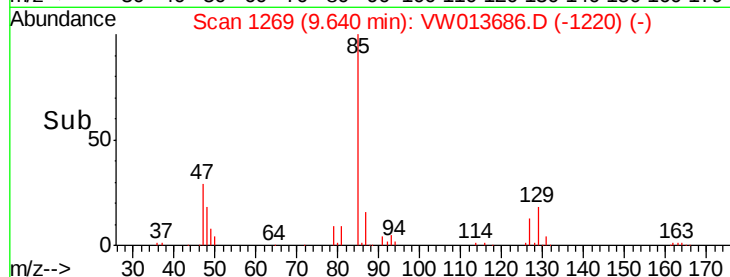
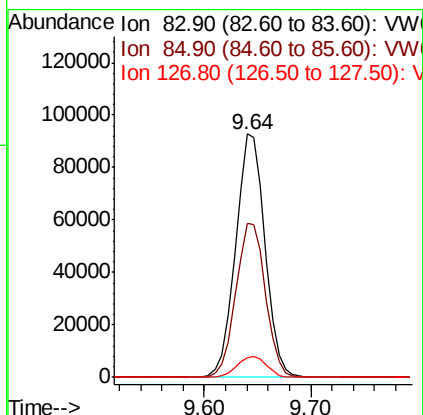
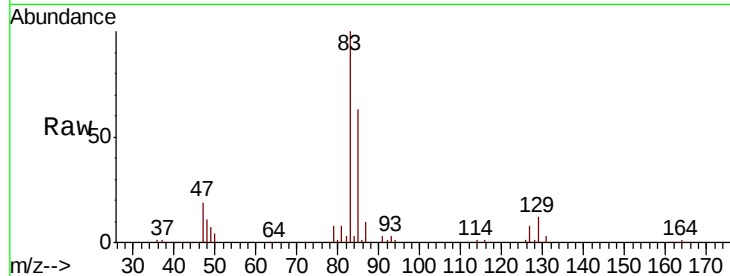




#47
 Bromodichloromethane
 Concen: 53.182 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

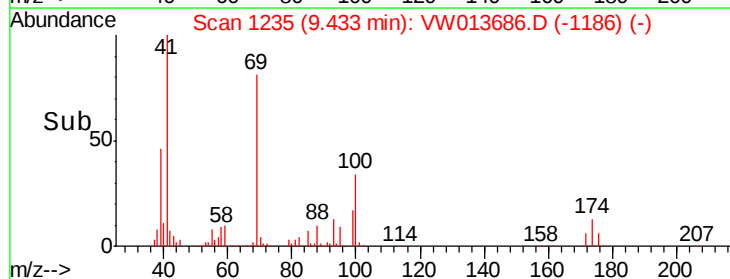
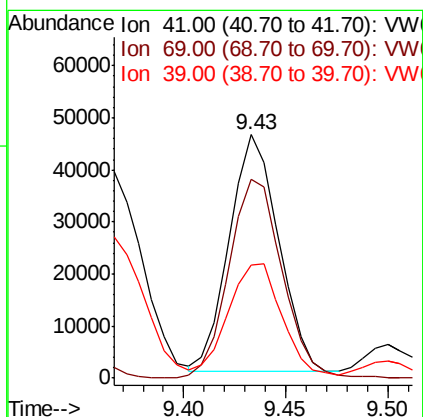
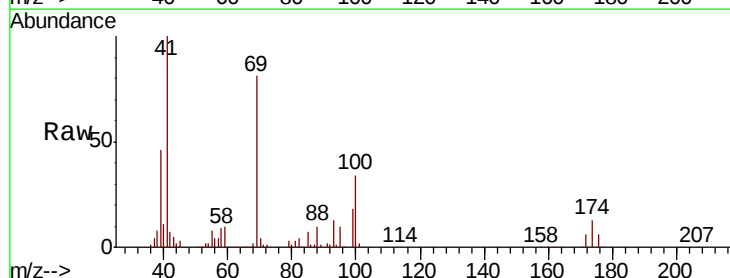
Instrument :
 MSVOA_W
 ClientSampleId :

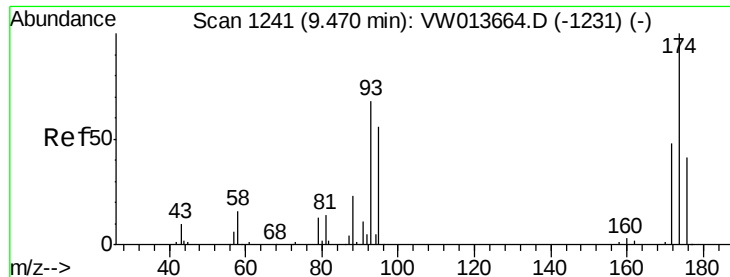
Tot Ion: 83 Resp: 178894
 Ion Ratio Lower Upper
 83 100
 85 63.1 51.8 77.6
 127 8.2 7.3 10.9



#48
 Methyl methacrylate
 Concen: 53.184 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion: 41 Resp: 76577
 Ion Ratio Lower Upper
 41 100
 69 91.1 67.6 101.4
 39 50.1 38.6 58.0





#49

1,4-Dioxane

Concen: 1128.576 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampleId :

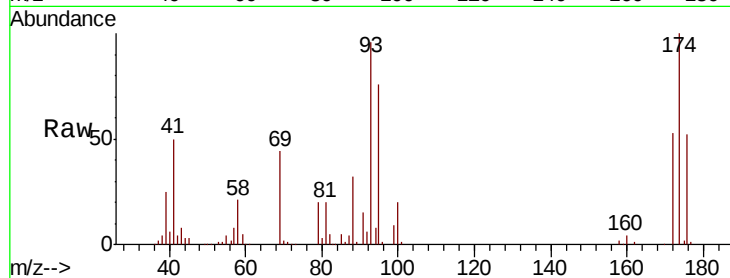
Tot Ion: 88 Resp: 21681

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

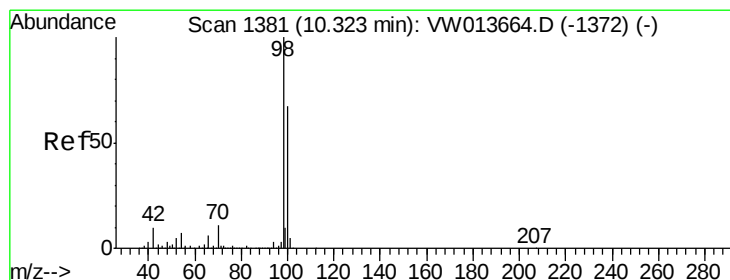
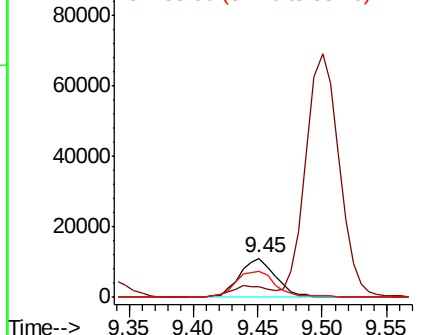
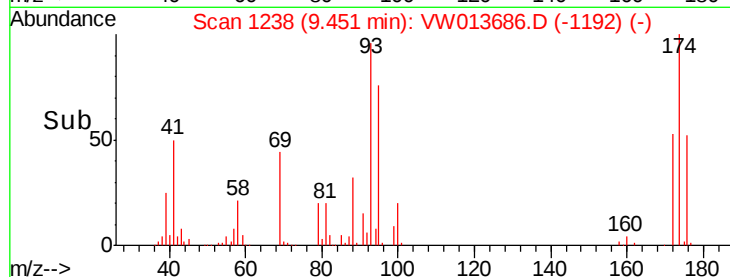
58 74.2 58.9 88.3



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: 52.578 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013686.D

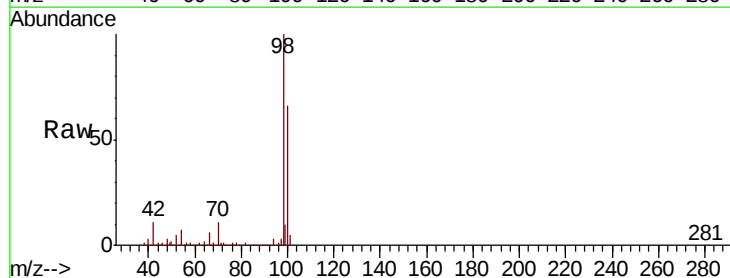
Acq: 24 Oct 2019 00:28

Tgt Ion: 98 Resp: 506514

Ion Ratio Lower Upper

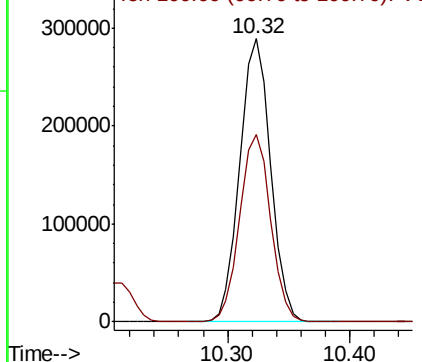
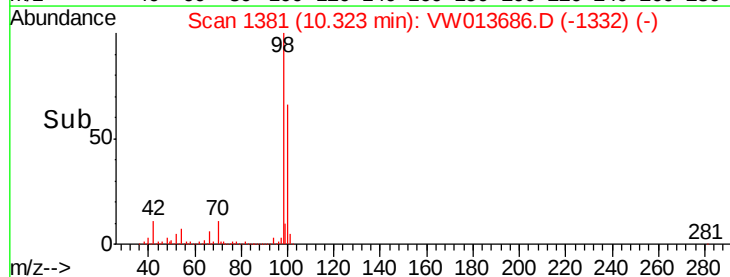
98 100

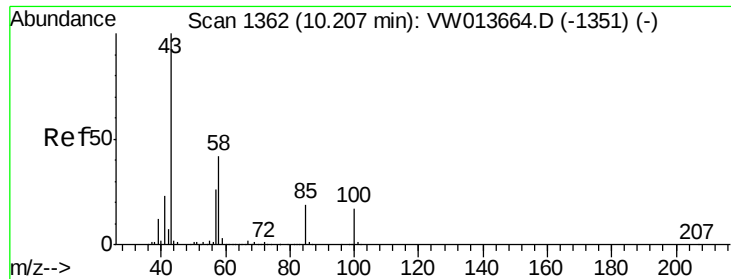
100 66.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

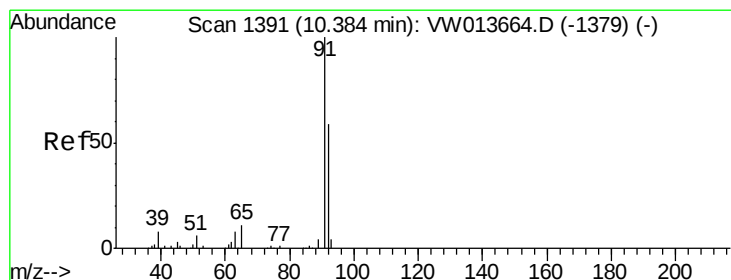
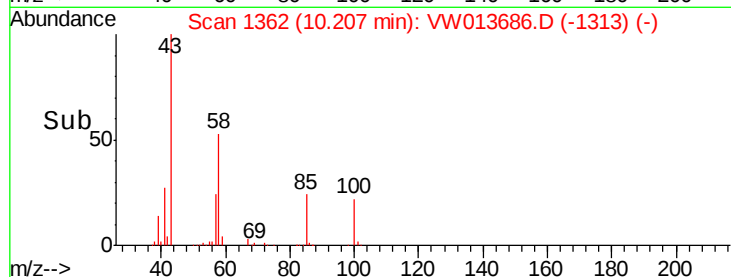
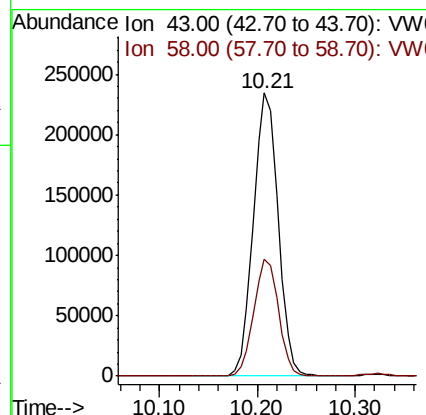
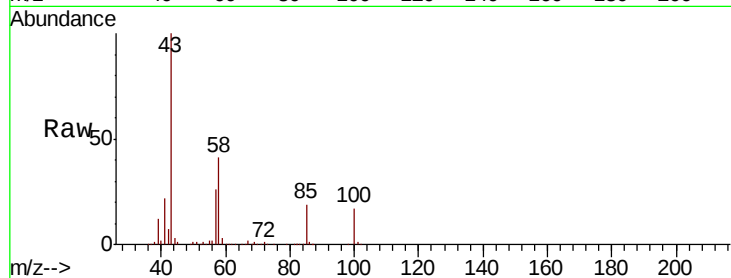




#51
 4-Methyl-2-Pentanone
 Concen: 286.951 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

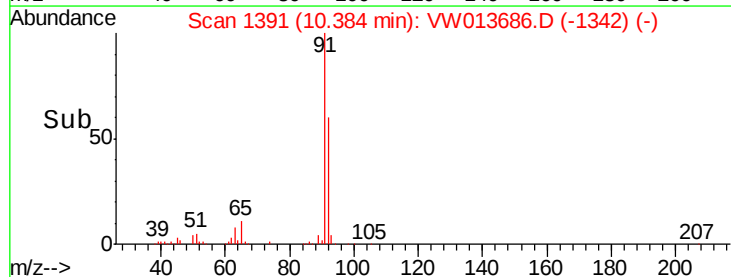
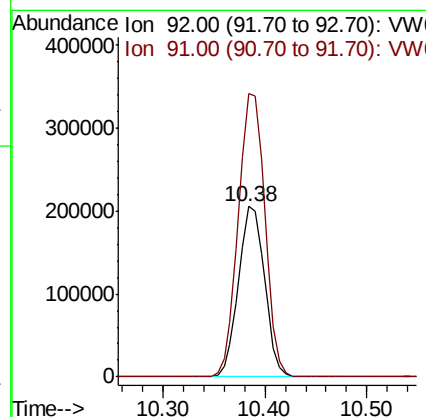
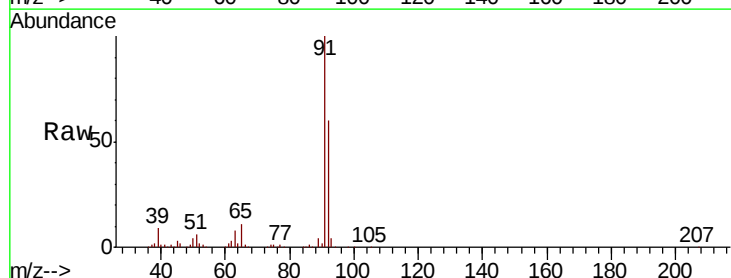
Instrument :
 MSVOA_W
 ClientSampled :

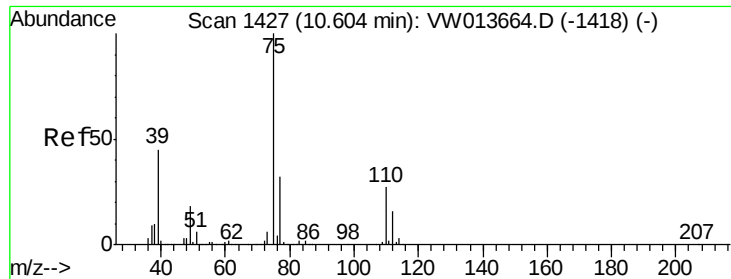
Tot Ion: 43 Resp: 414011
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.6 49.0



#52
 Toluene
 Concen: 50.262 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion: 92 Resp: 363574
 Ion Ratio Lower Upper
 92 100
 91 169.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 52.937 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

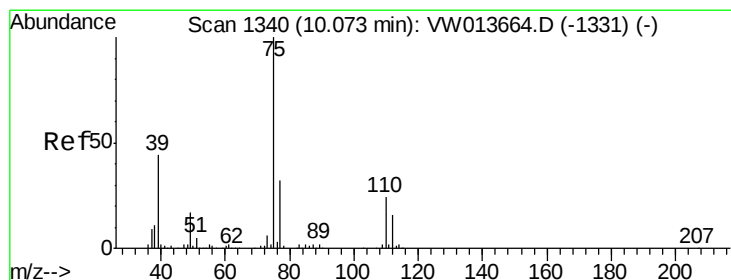
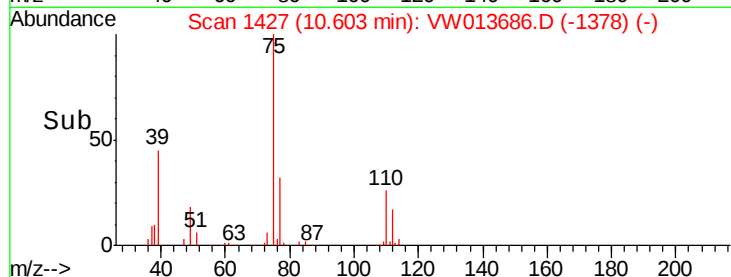
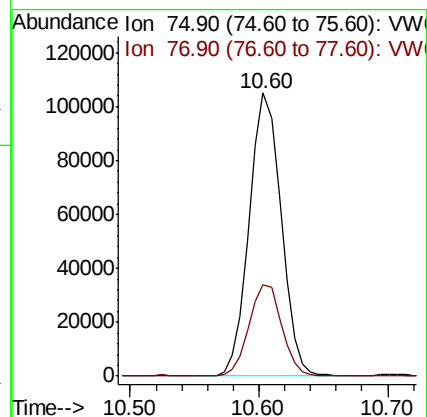
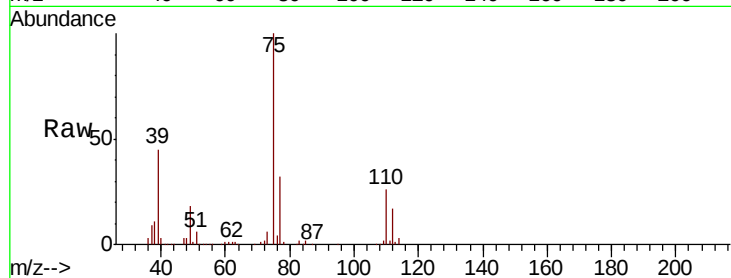
ClientSampled :

Tot Ion: 75 Resp: 180267

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.249 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

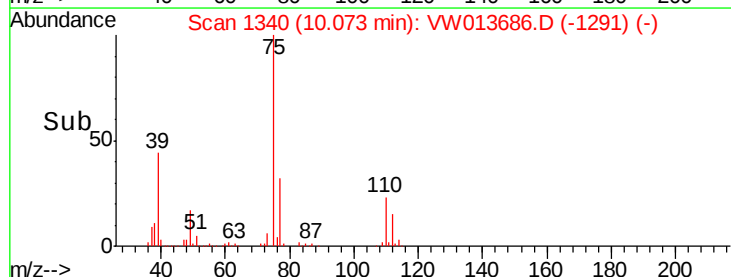
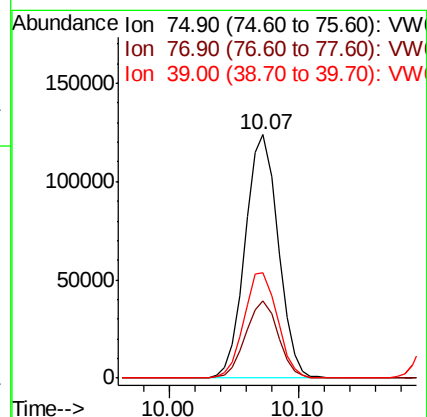
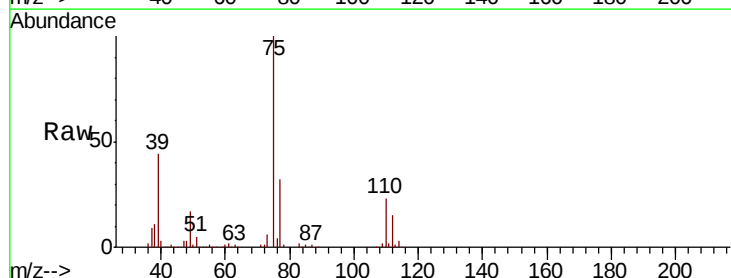
Tgt Ion: 75 Resp: 219514

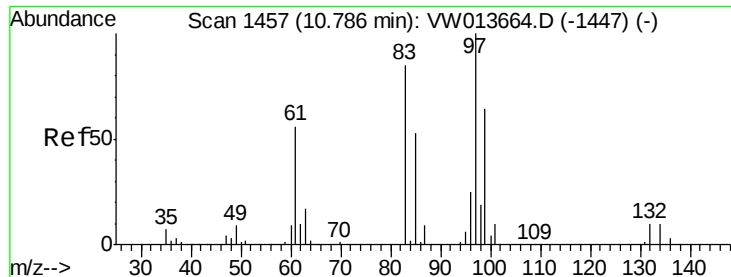
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 43.5 35.3 52.9

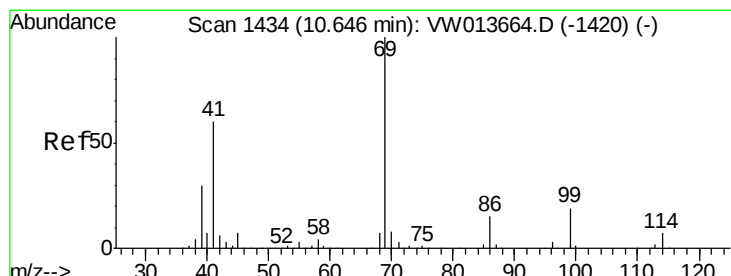
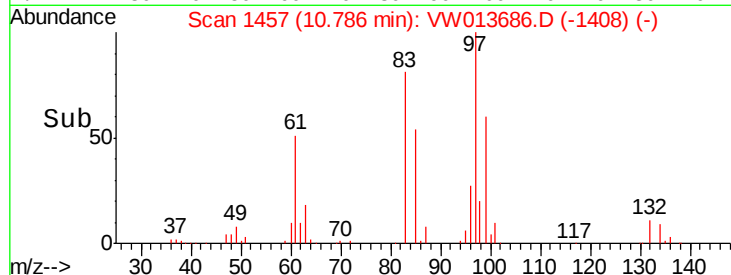
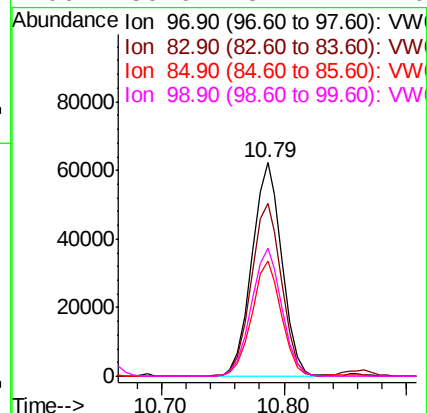
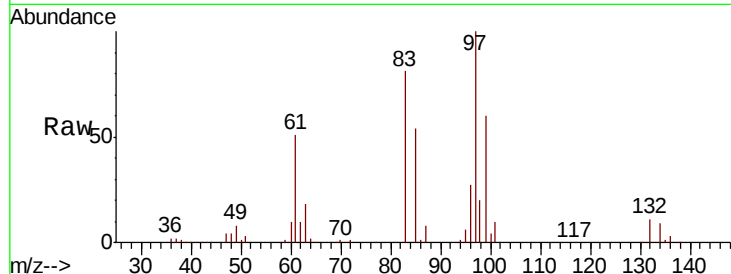




#55
 1,1,2-Trichloroethane
 Concen: 54.712 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

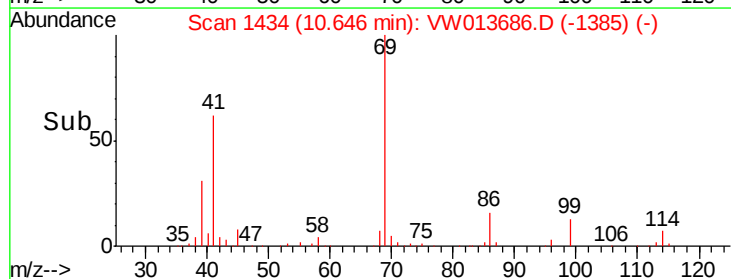
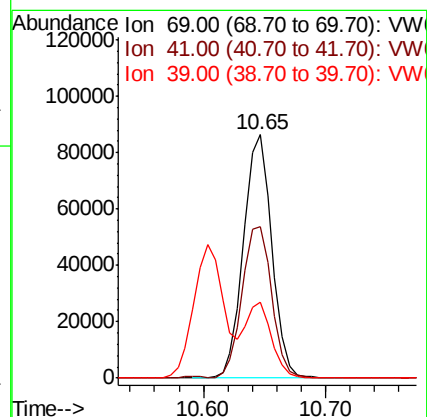
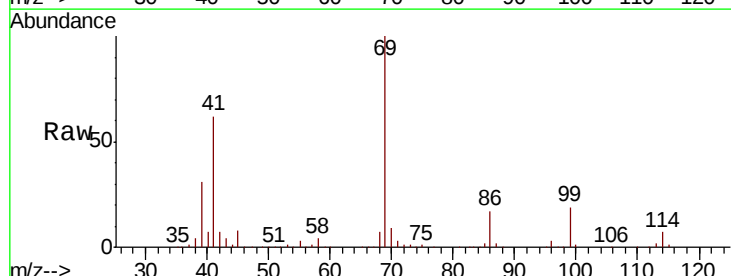
Instrument :
 MSVOA_W
 ClientSampleId :

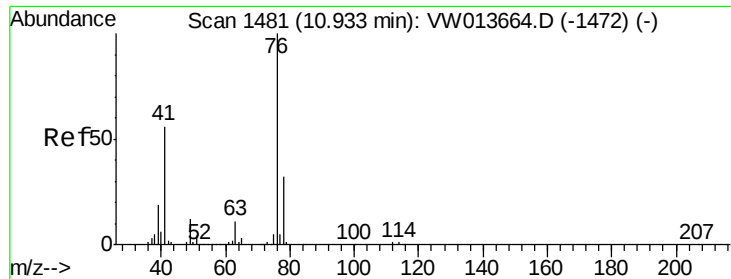
Tot Ion:	97	Resp:	106006
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.8	101.8
85	53.8	42.1	63.1
99	59.9	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 57.186 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion:	69	Resp:	138625
Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.6	77.4
39	27.9	22.4	33.6

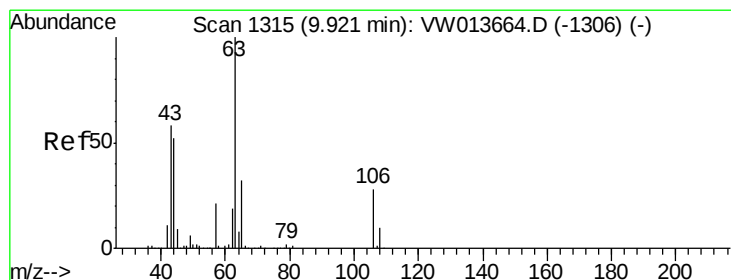
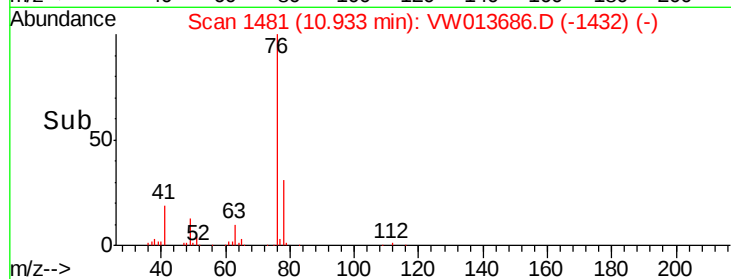
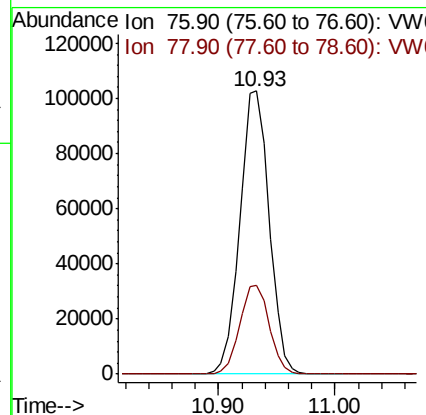
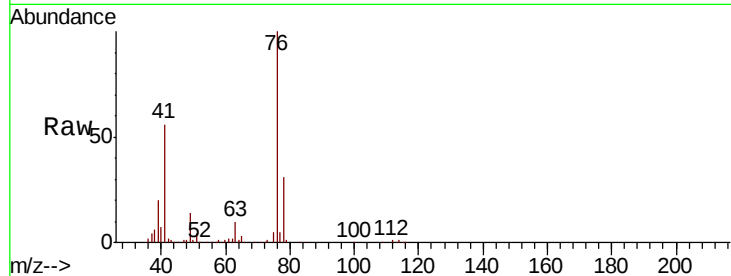




#57
 1,3-Dichloropropane
 Concen: 54.311 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

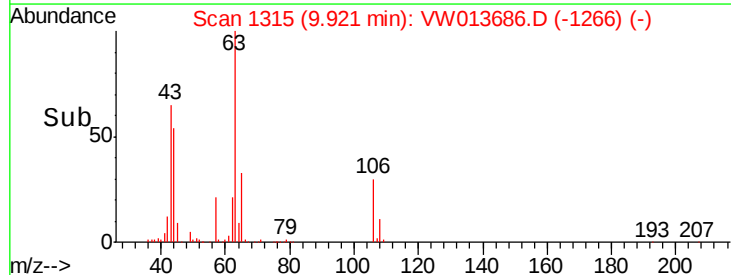
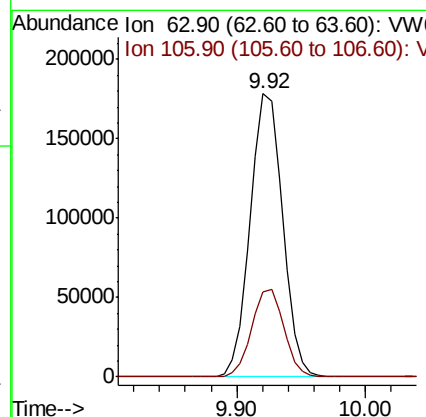
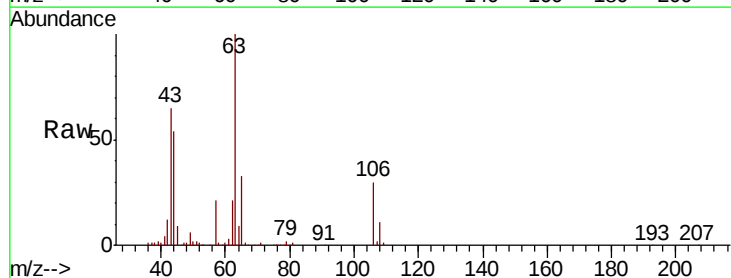
Instrument :
 MSVOA_W
 ClientSampleId :

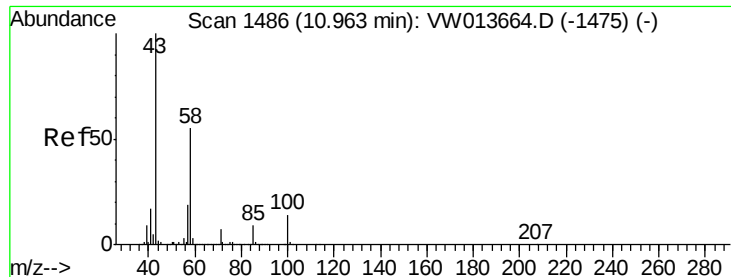
Tot Ion: 76 Resp: 180579
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.903 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion: 63 Resp: 310043
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.8 35.8

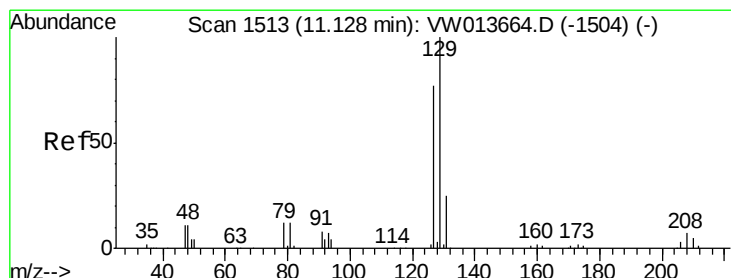
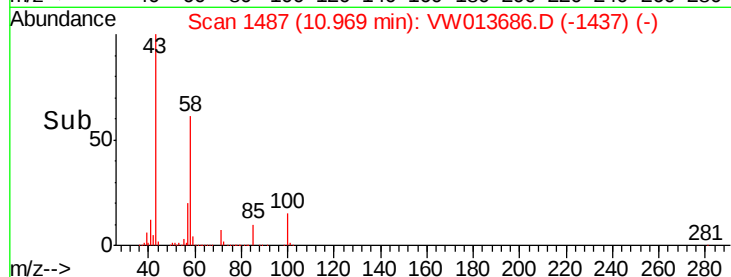
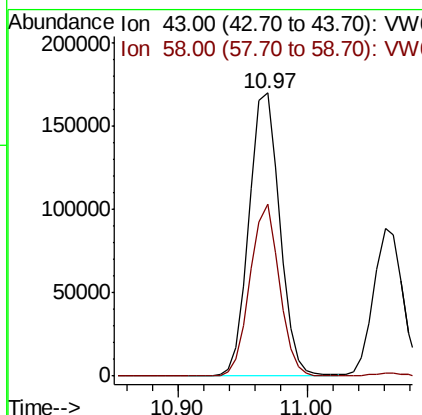
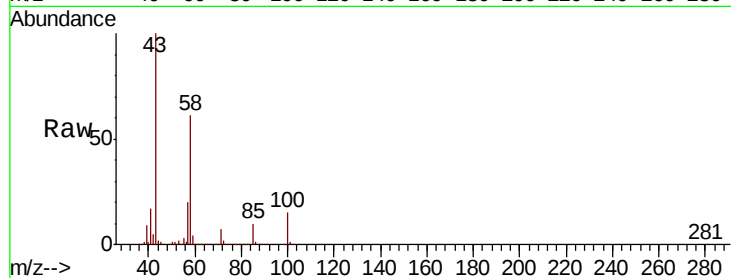




#59
2-Hexanone
Concen: 281.331 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

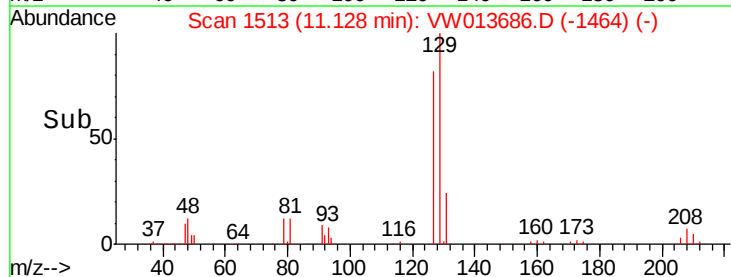
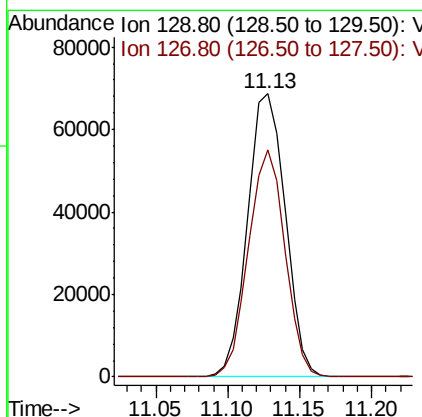
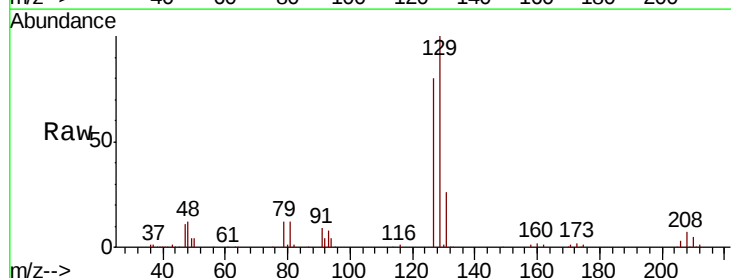
Instrument :
MSVOA_W
ClientSampleId :

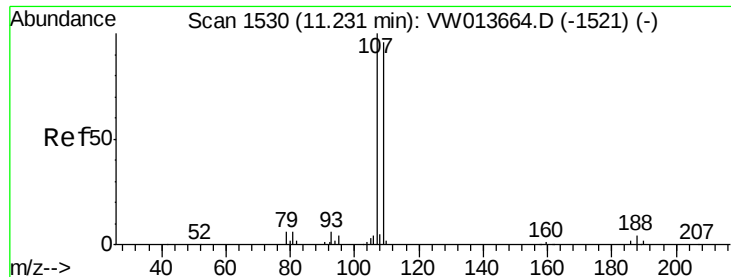
Tot Ion: 43 Resp: 279827
Ion Ratio Lower Upper
43 100
58 57.9 27.9 83.7



#60
Dibromochloromethane
Concen: 54.170 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 129 Resp: 124615
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

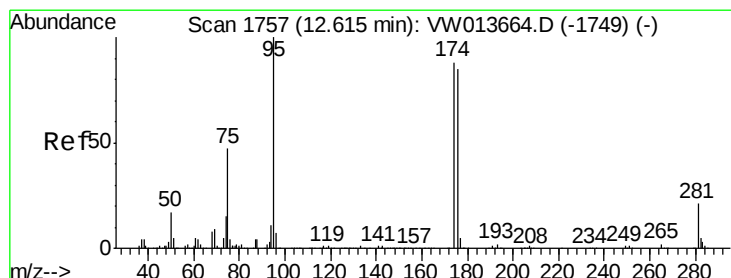
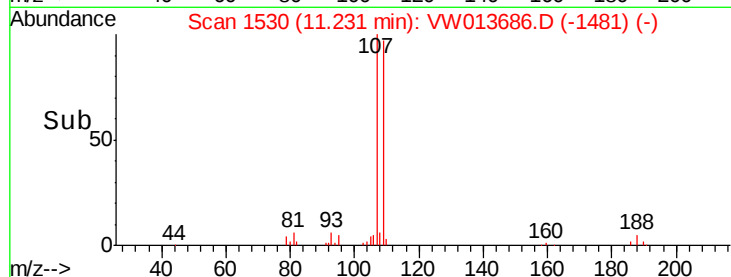
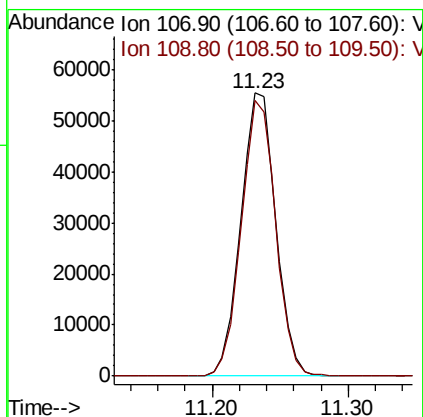
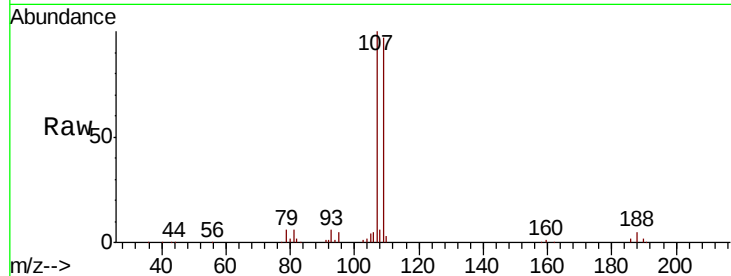




#61
 1,2-Dibromoethane
 Concen: 54.264 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

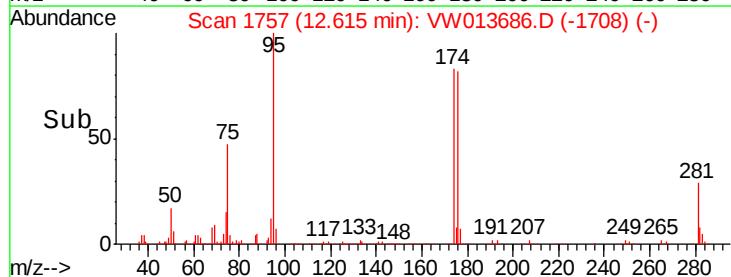
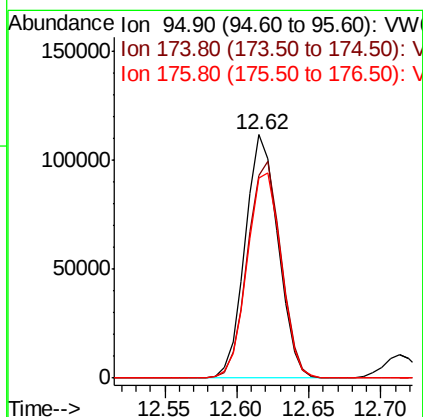
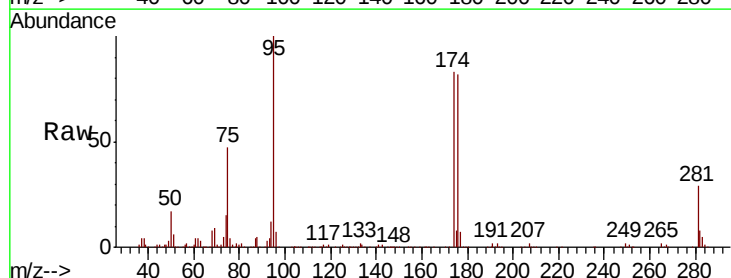
Instrument :
 MSVOA_W
 ClientSampleId :

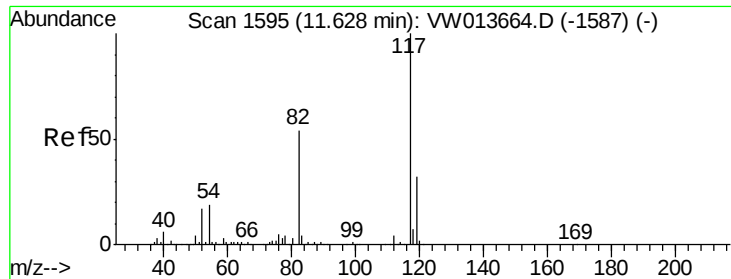
Tot Ion: 107 Resp: 99467
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 54.156 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion: 95 Resp: 176655
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 183.6
 176 87.7 0.0 178.0

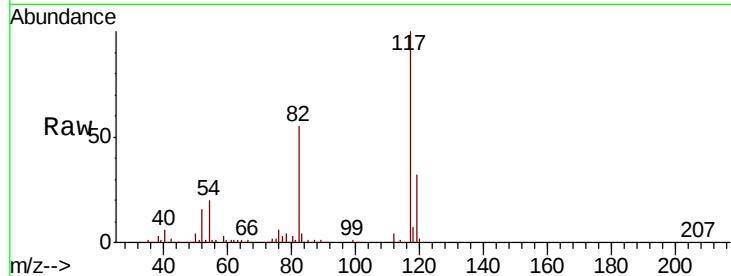




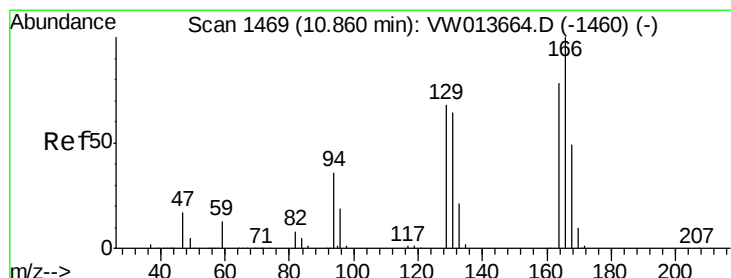
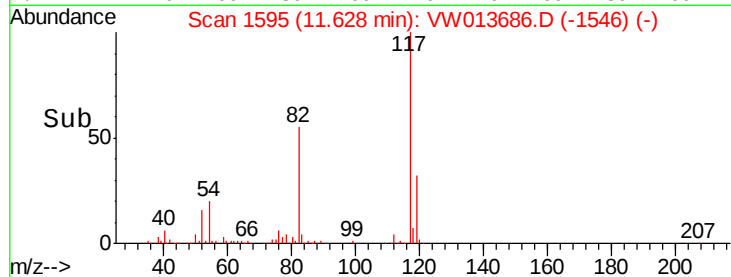
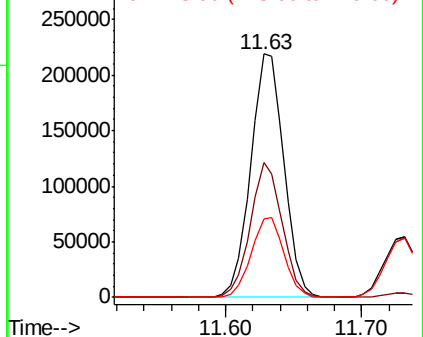
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 375022
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 32.2 25.4 38.2

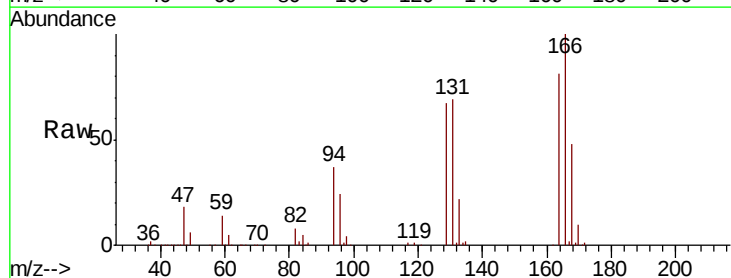


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

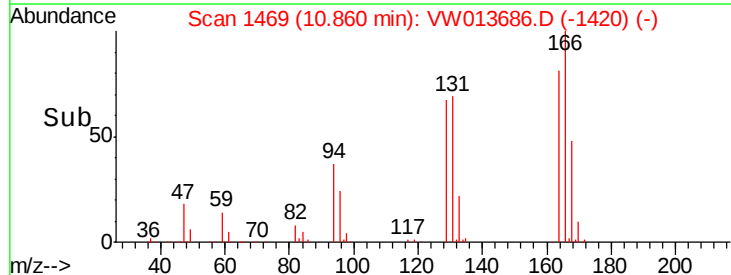
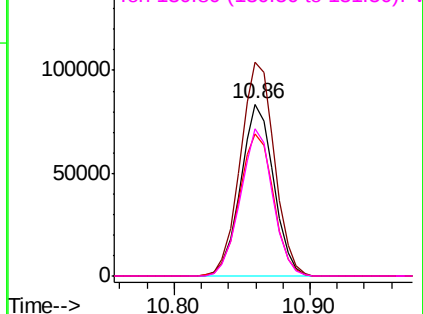


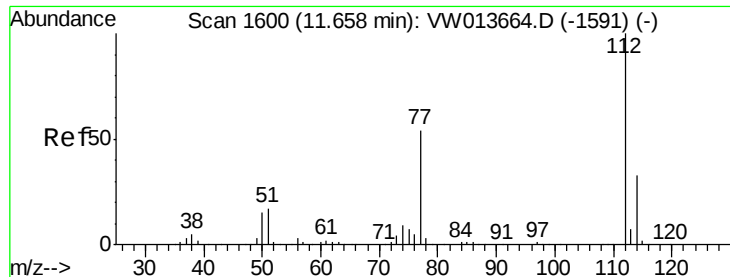
#64
Tetrachloroethene
Concen: 49.397 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion:164 Resp: 141537
Ion Ratio Lower Upper
164 100
166 124.2 103.2 154.8
129 83.0 70.6 105.8
131 85.5 66.0 99.0



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

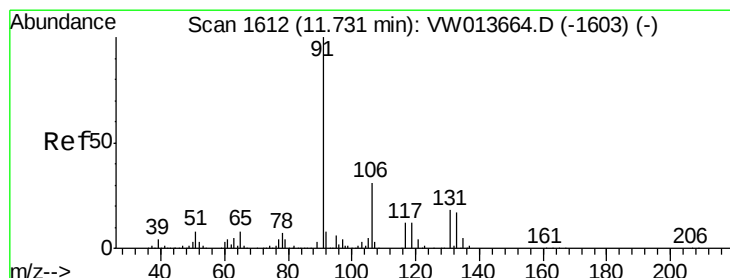
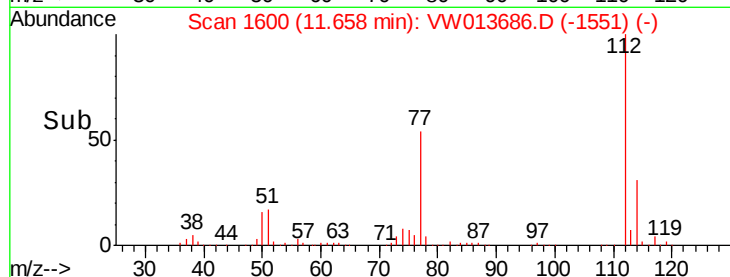
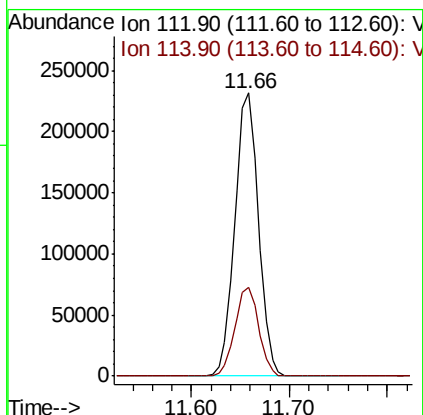
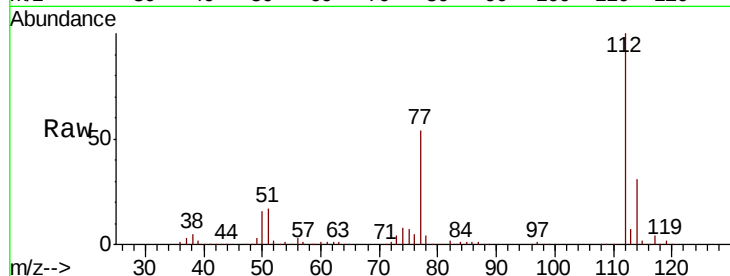




#65
Chlorobenzene
Concen: 50.466 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

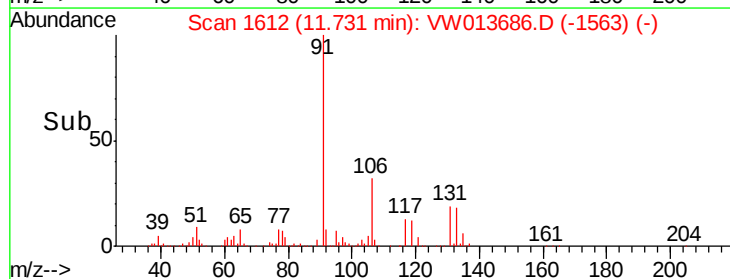
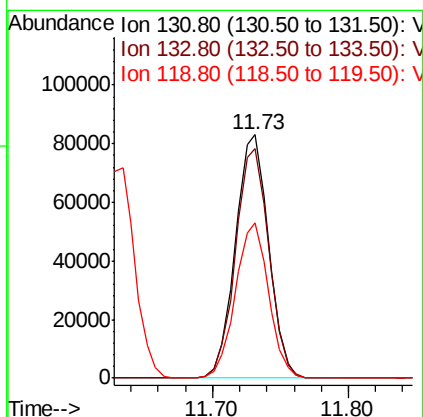
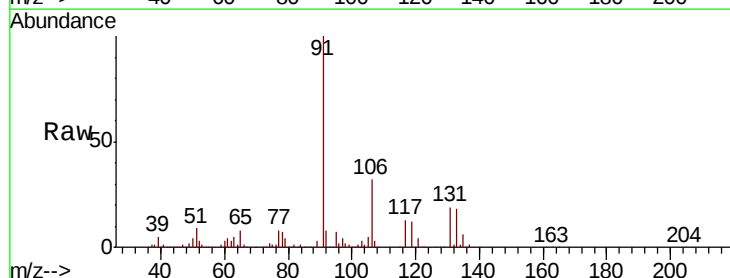
Instrument :
MSVOA_W
ClientSampled :

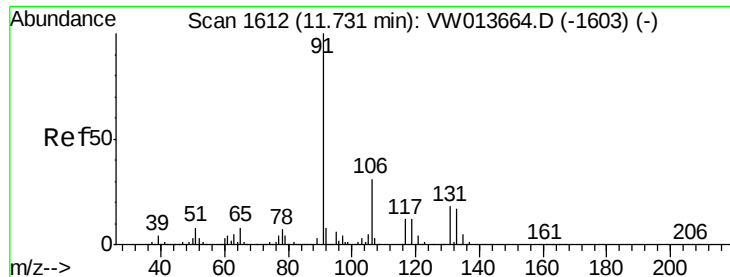
Tot Ion:112 Resp: 388908
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.529 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion:131 Resp: 141279
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 63.7 33.1 99.2

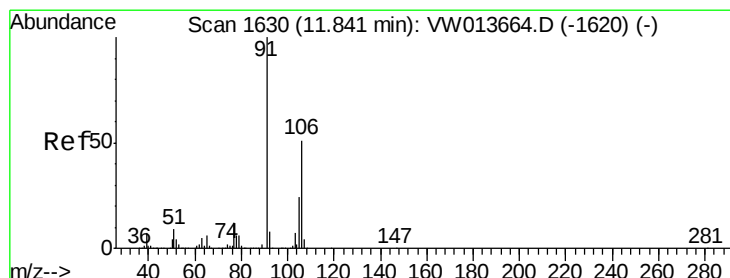
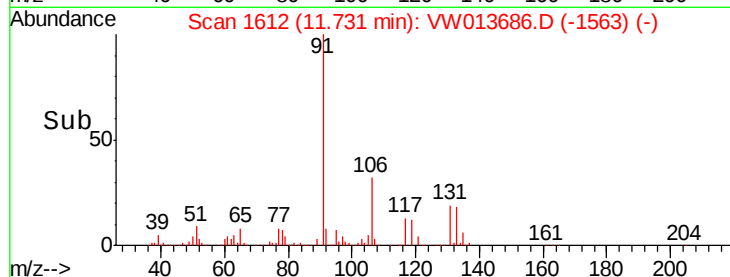
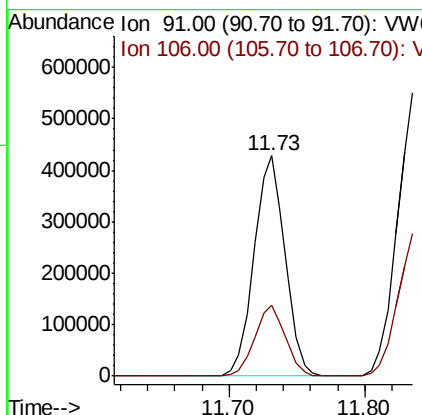
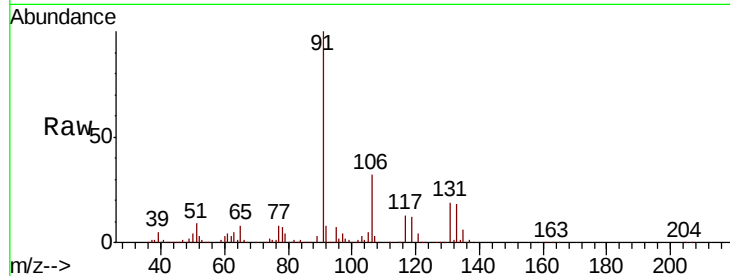




#67
Ethyl Benzene
Concen: 49.212 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

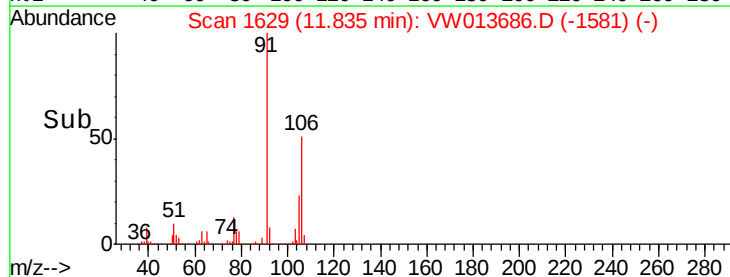
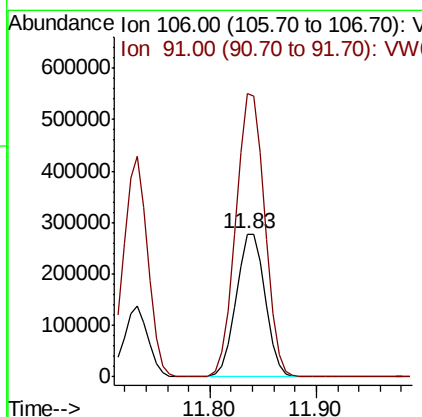
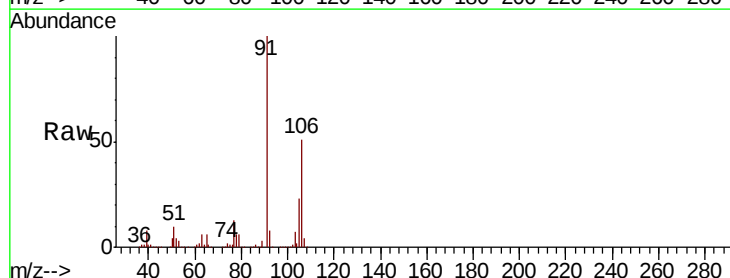
Instrument :
MSVOA_W
ClientSampleId :

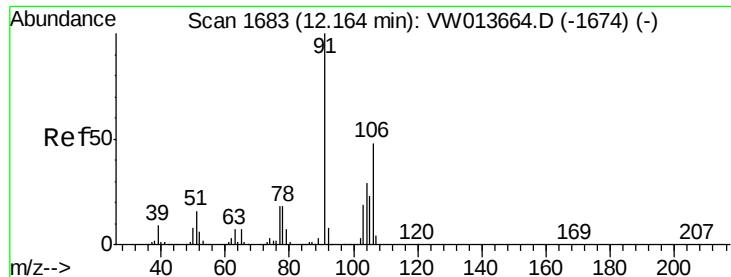
Tot Ion: 91 Resp: 683849
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6



#68
m/p-Xylenes
Concen: 99.218 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 106 Resp: 532680
Ion Ratio Lower Upper
106 100
91 198.2 159.2 238.8

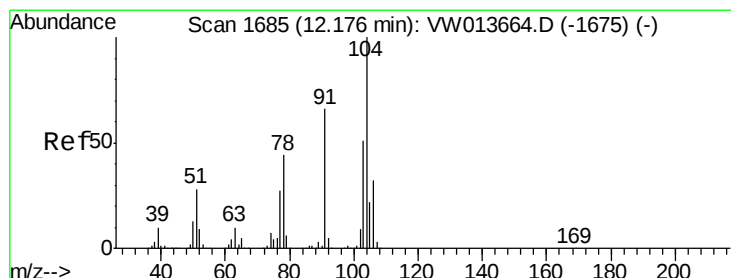
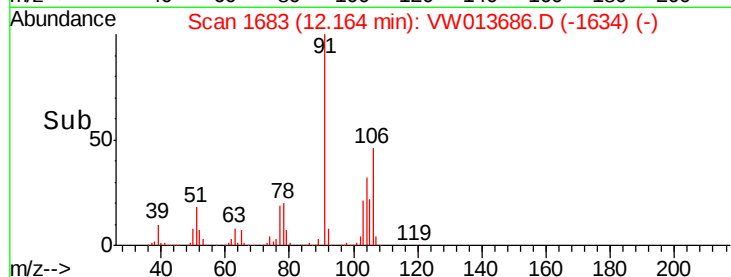
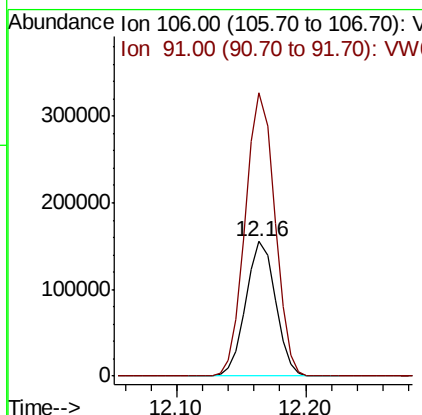
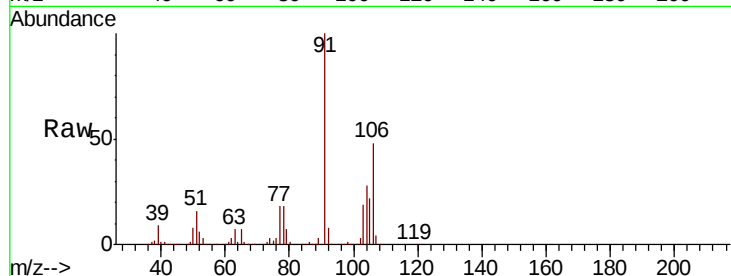




#69
o-Xylene
Concen: 50.207 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

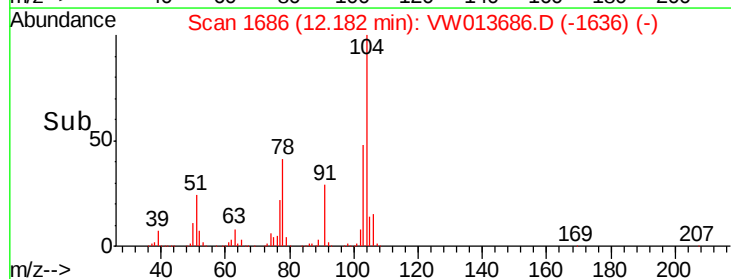
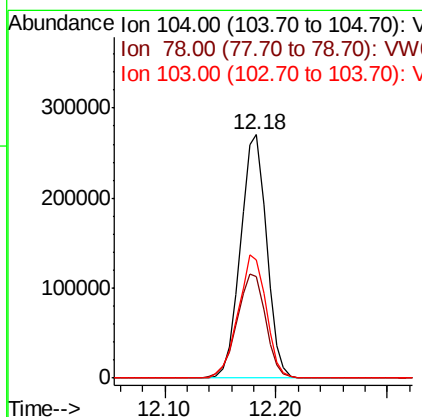
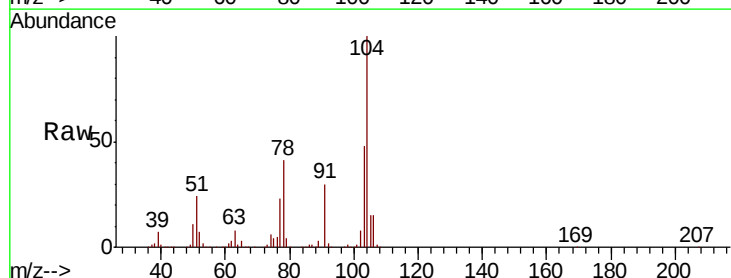
Instrument :
MSVOA_W
ClientSampled :

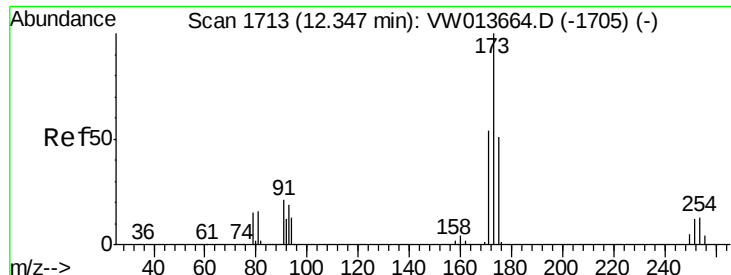
Tot Ion:106 Resp: 247763
Ion Ratio Lower Upper
106 100
91 209.8 104.9 314.7



#70
Styrene
Concen: 51.920 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion:104 Resp: 440216
Ion Ratio Lower Upper
104 100
78 46.7 37.1 55.7
103 54.2 43.6 65.4





#71

Bromoform

Concen: 54.110 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampleId :

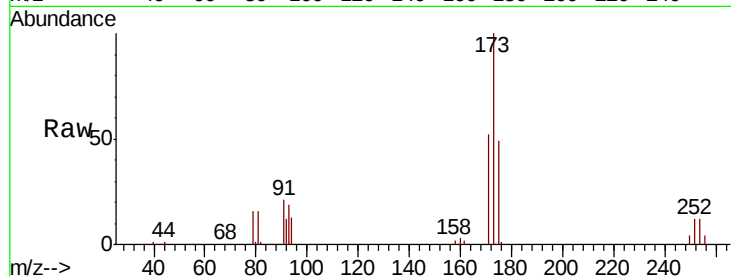
Tot Ion:173 Resp: 76372

Ion Ratio Lower Upper

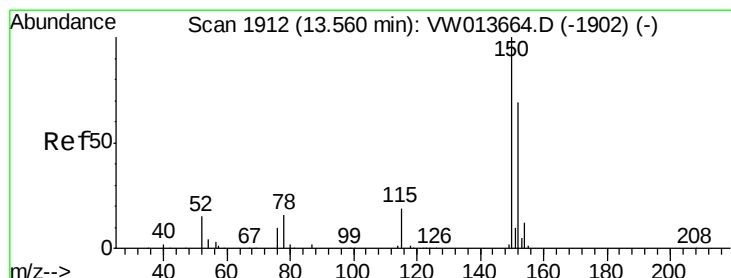
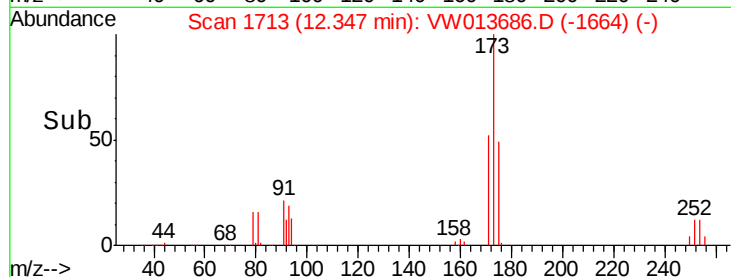
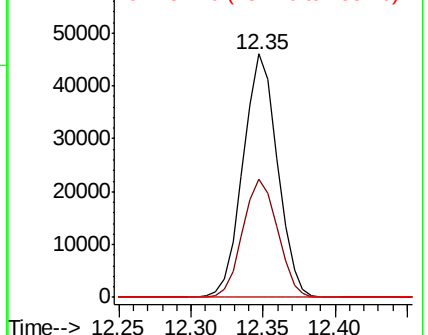
173 100

175 49.0 25.2 75.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

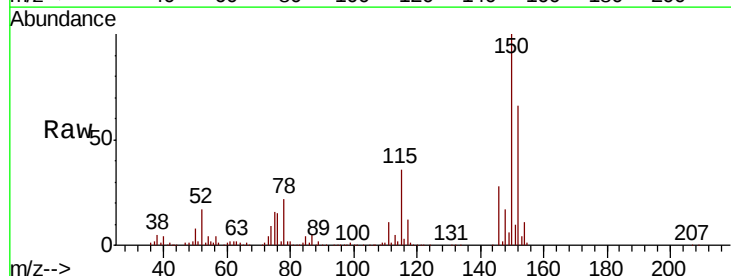
Tgt Ion:152 Resp: 192791

Ion Ratio Lower Upper

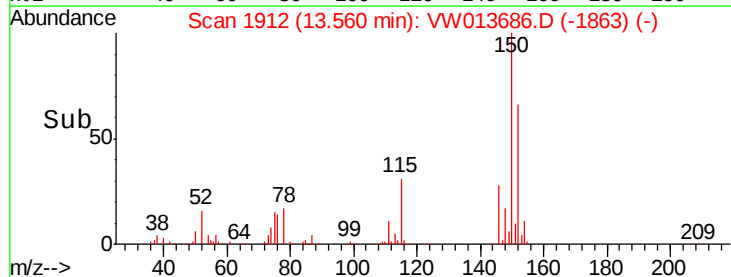
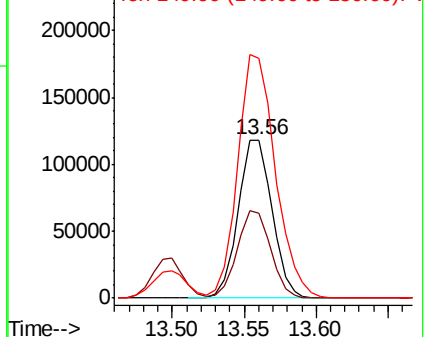
152 100

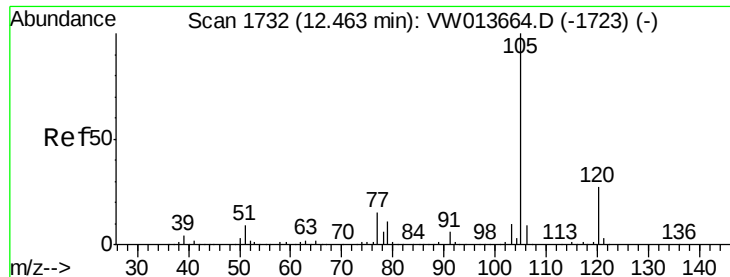
115 54.9 27.4 82.2

150 171.1 0.0 345.4



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





#73

Isopropylbenzene

Concen: 49.072 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

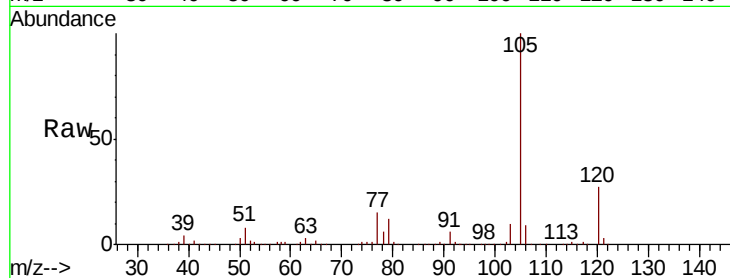
ClientSampleId :

Tot Ion:105 Resp: 679399

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

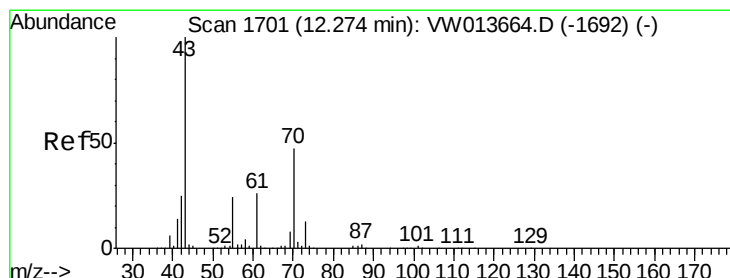
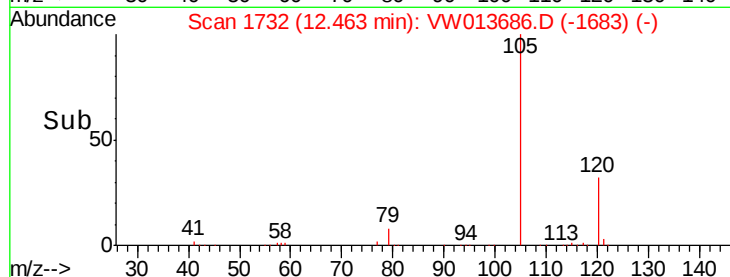
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 56.187 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Tgt Ion: 43 Resp: 150481

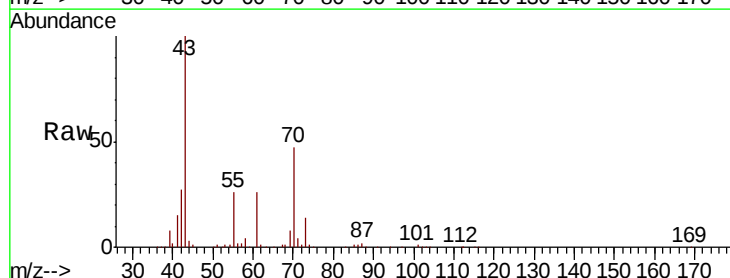
Ion Ratio Lower Upper

43 100

70 45.4 36.6 55.0

55 25.6 20.3 30.5

61 25.2 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

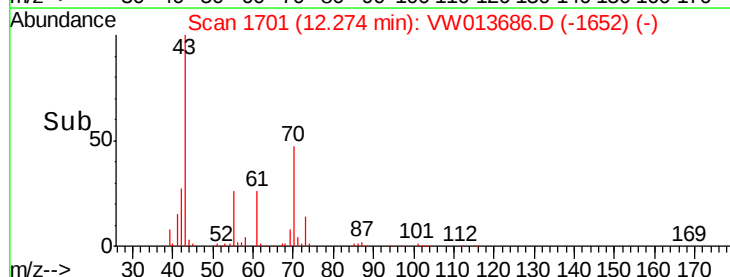
150000

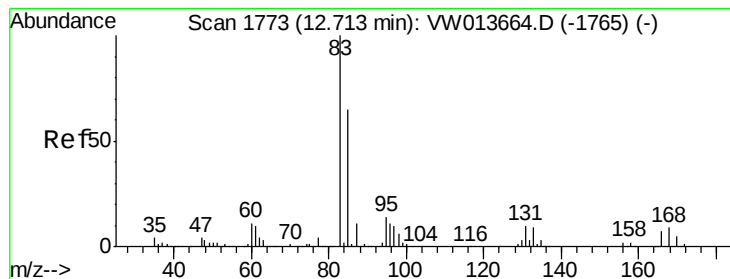
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.042 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampled :

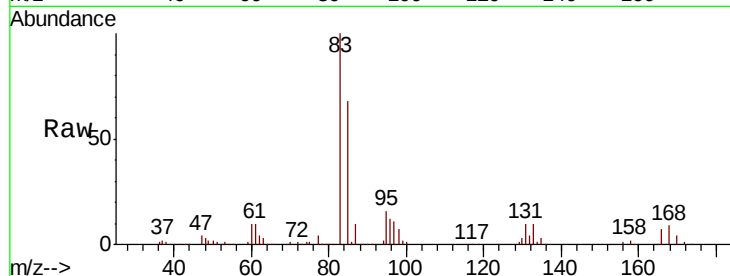
Tot Ion: 83 Resp: 115886

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

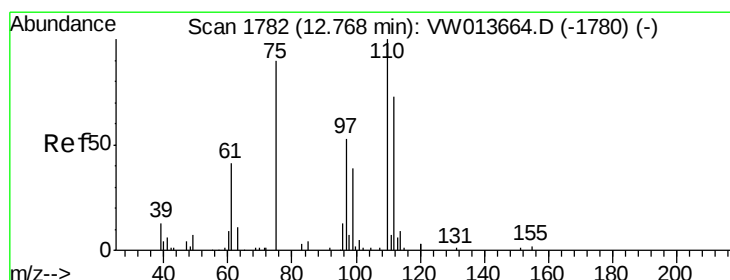
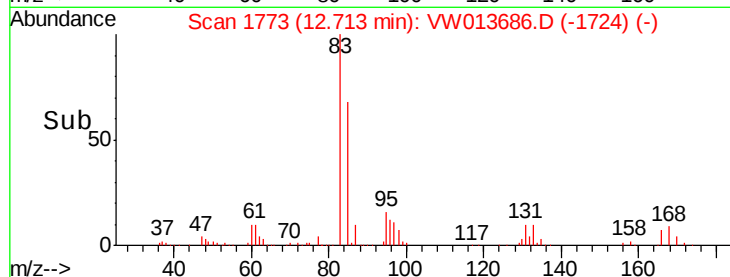
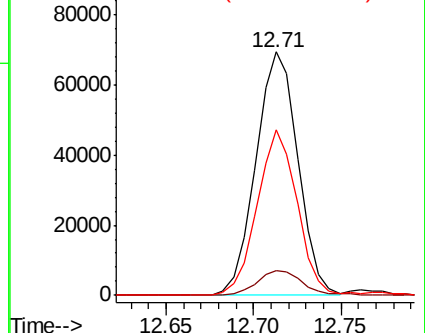
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 105.796 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013686.D

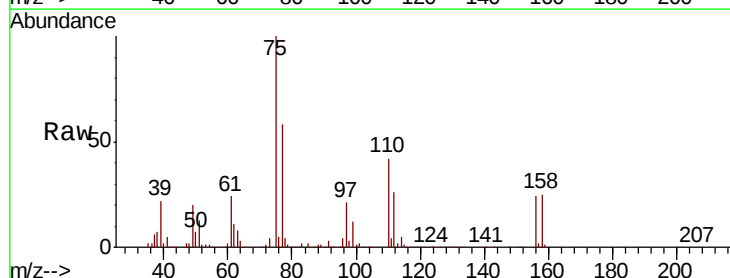
Acq: 24 Oct 2019 00:28

Tgt Ion: 75 Resp: 146475

Ion Ratio Lower Upper

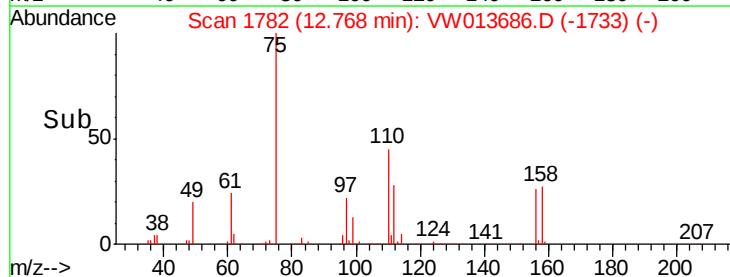
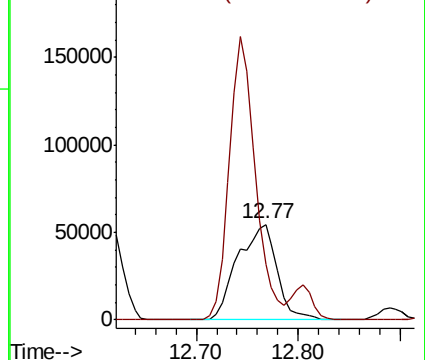
75 100

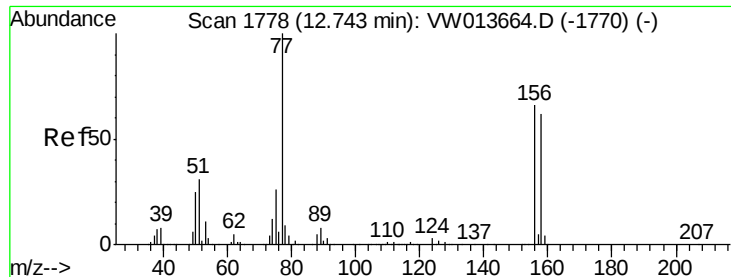
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.870 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampleId :

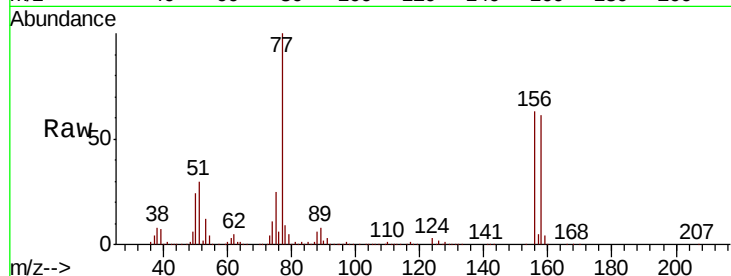
Tot Ion:156 Resp: 168247

Ion Ratio Lower Upper

156 100

77 171.0 82.9 248.7

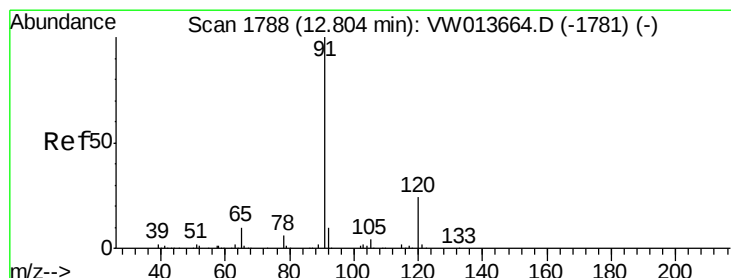
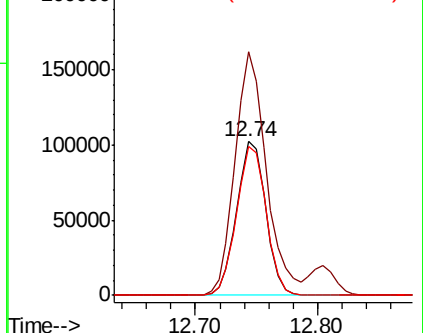
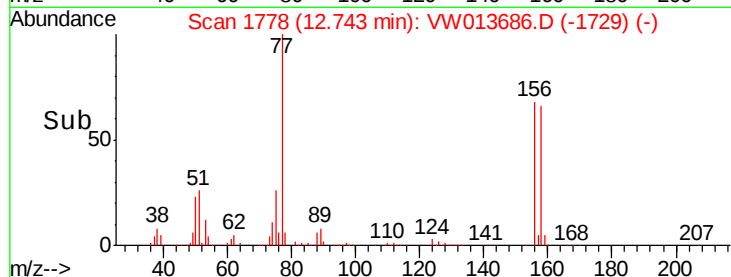
158 98.3 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.578 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013686.D

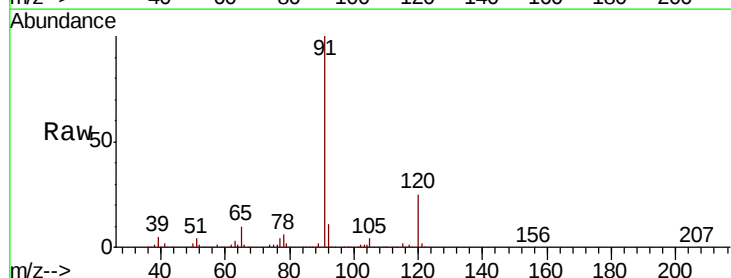
Acq: 24 Oct 2019 00:28

Tgt Ion: 91 Resp: 794475

Ion Ratio Lower Upper

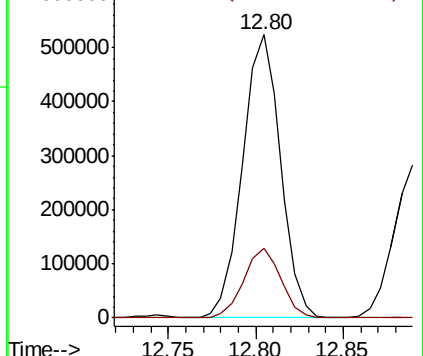
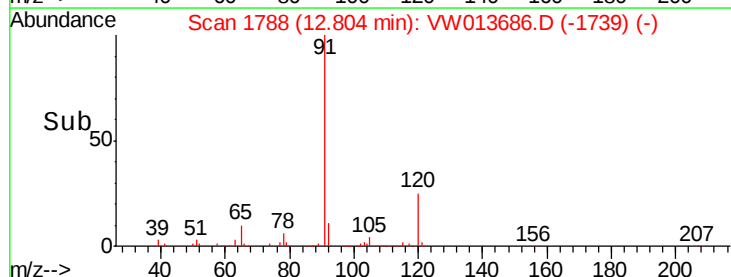
91 100

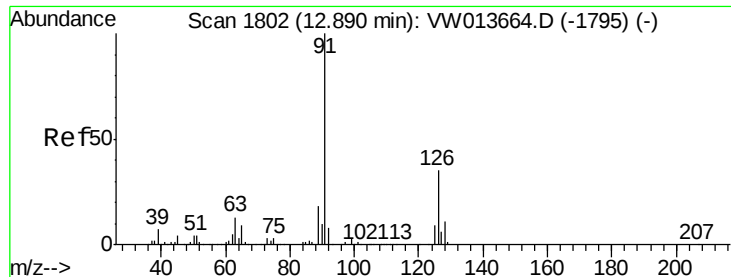
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.450 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

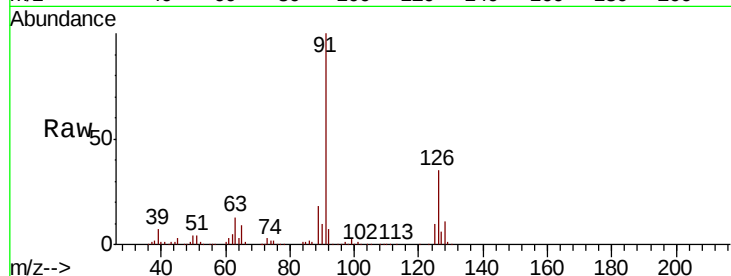
ClientSampled :

Tot Ion: 91 Resp: 454317

Ion Ratio Lower Upper

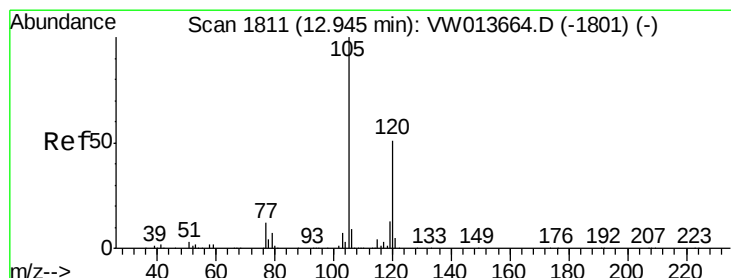
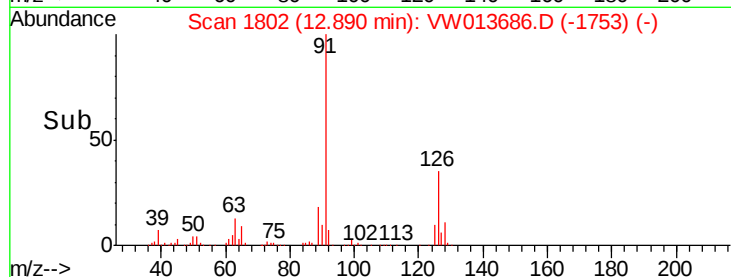
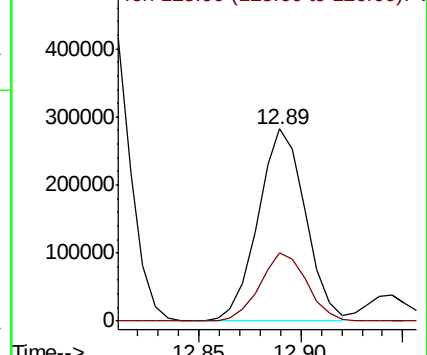
91 100

126 35.1 17.4 52.2



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: 49.535 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013686.D

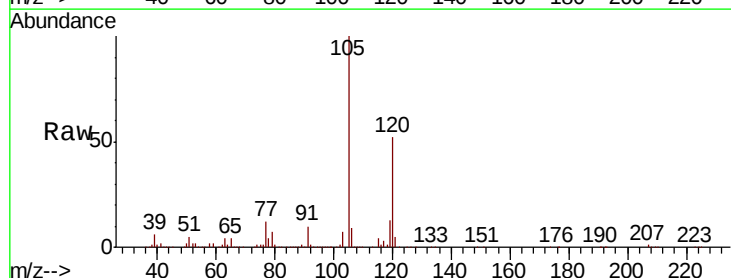
Acq: 24 Oct 2019 00:28

Tgt Ion:105 Resp: 578937

Ion Ratio Lower Upper

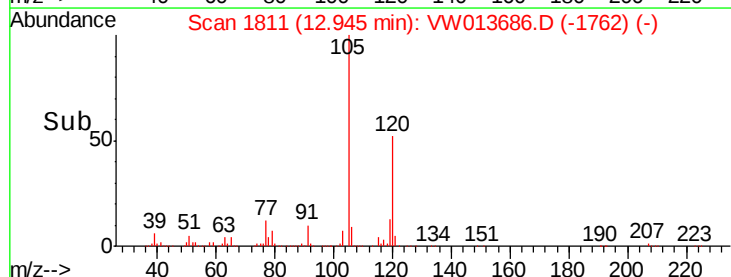
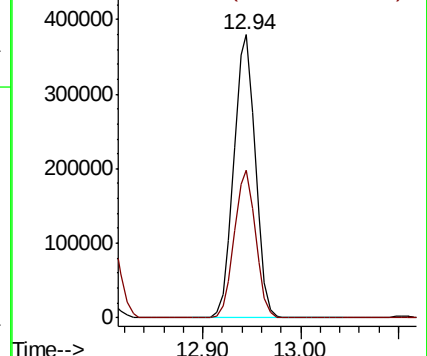
105 100

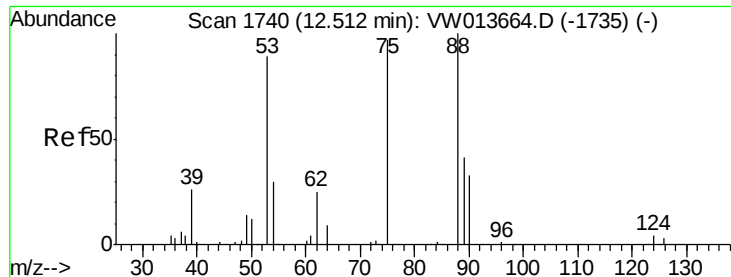
120 51.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

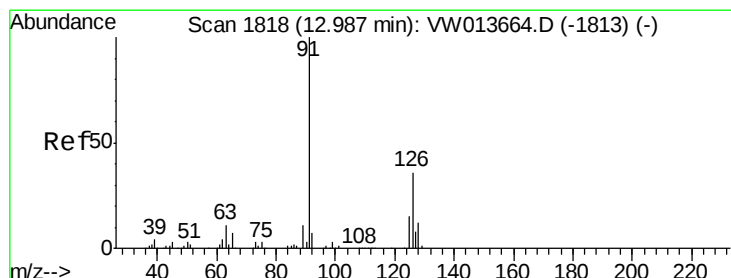
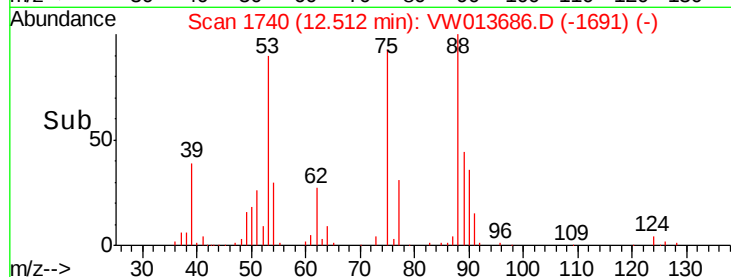
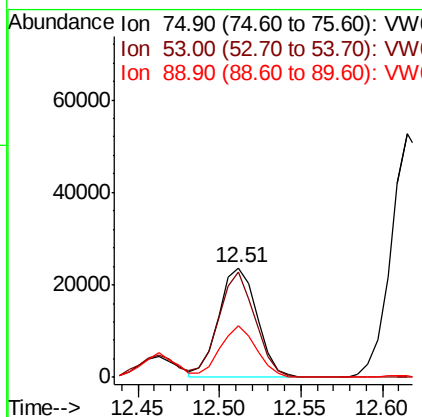
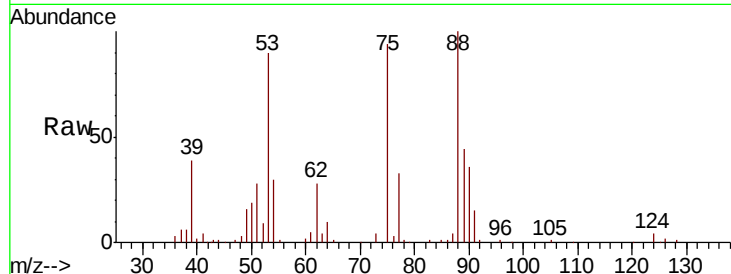




#81
trans-1,4-Dichloro-2-butene
Concen: 52.984 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

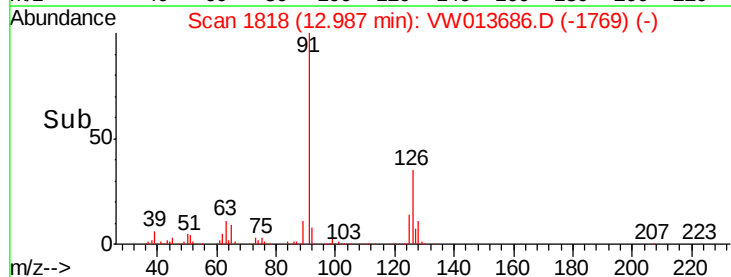
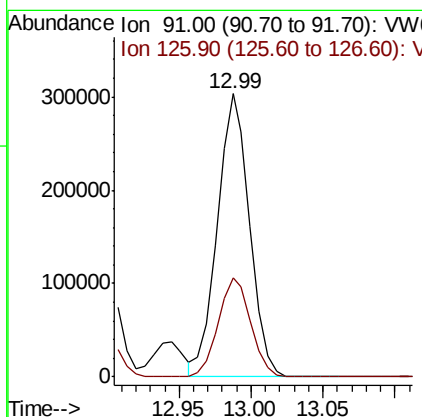
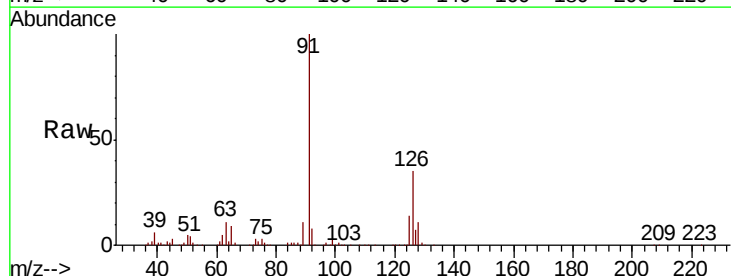
Instrument :
MSVOA_W
ClientSampleId :

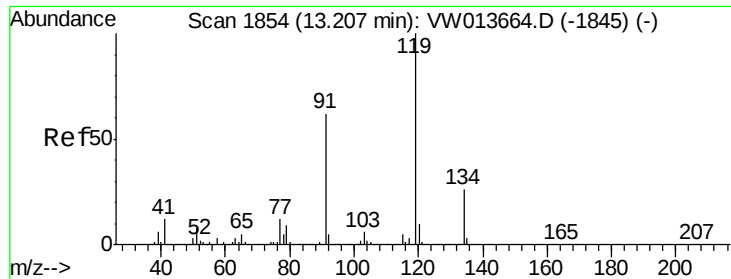
Tot Ion: 75 Resp: 38816
Ion Ratio Lower Upper
75 100
53 91.6 71.7 107.5
89 43.7 35.8 53.8



#82
4-Chlorotoluene
Concen: 49.886 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion: 91 Resp: 471634
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.5

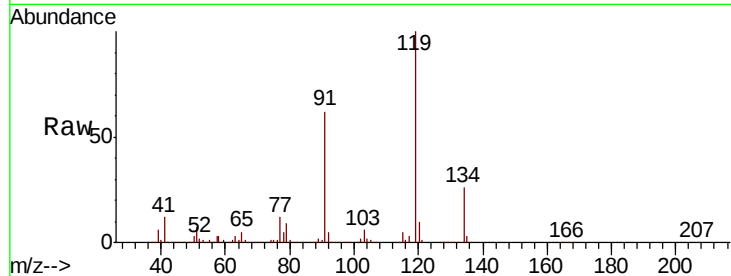




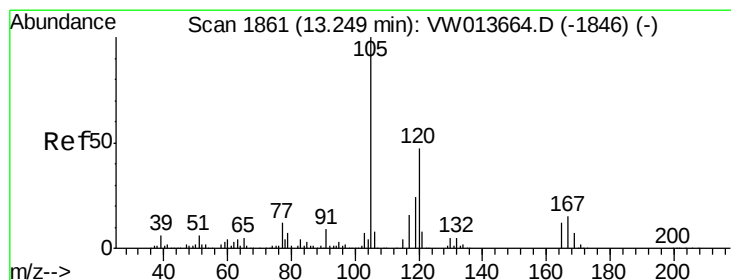
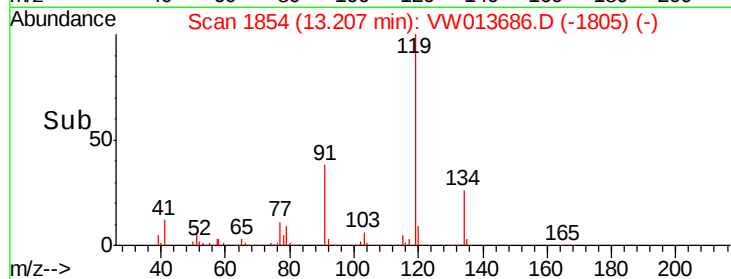
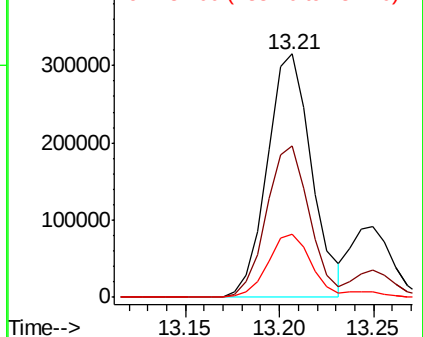
#83
tert-Butylbenzene
Concen: 49.707 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 515674
Ion Ratio Lower Upper
119 100
91 60.2 30.4 91.3
134 25.7 13.6 40.8

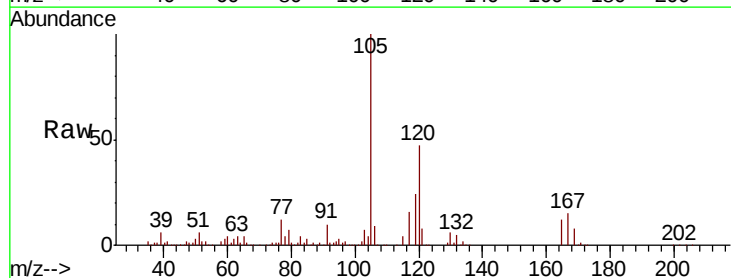


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

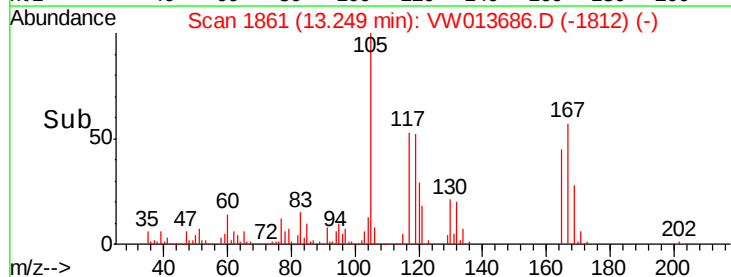
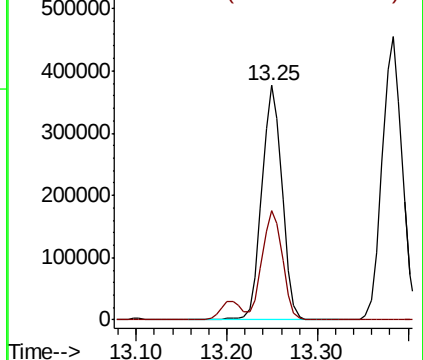


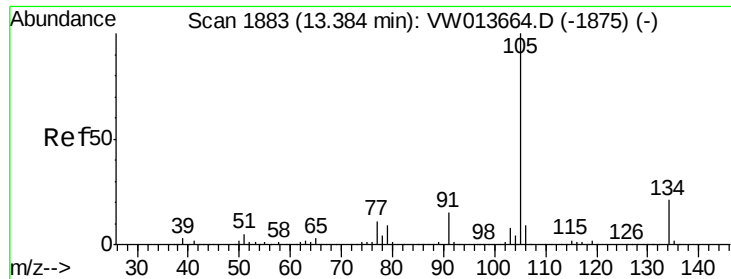
#84
1,2,4-Trimethylbenzene
Concen: 50.512 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion:105 Resp: 582358
Ion Ratio Lower Upper
105 100
120 46.4 23.5 70.5



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





#85

sec-Butylbenzene

Concen: 48.814 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

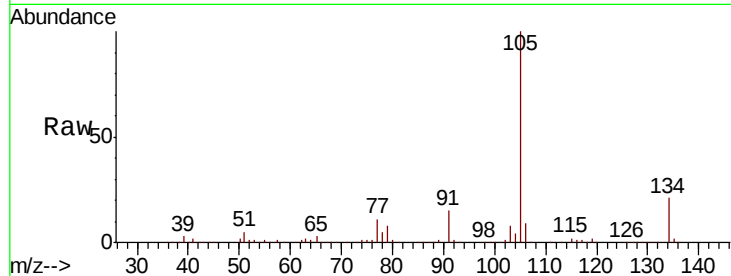
ClientSampleId :

Tot Ion:105 Resp: 692490

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

400000

300000

200000

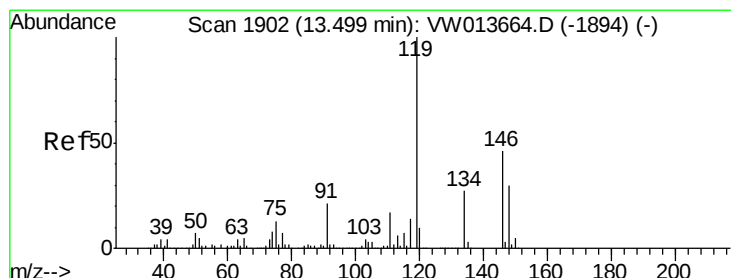
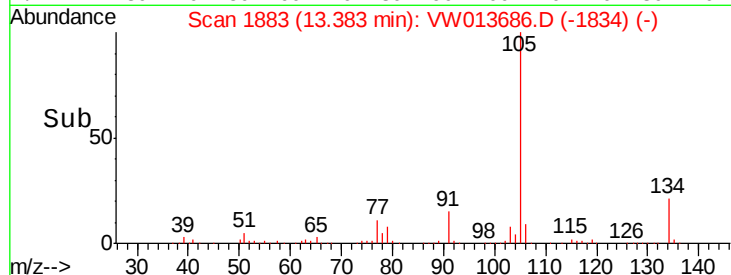
100000

0

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 49.177 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

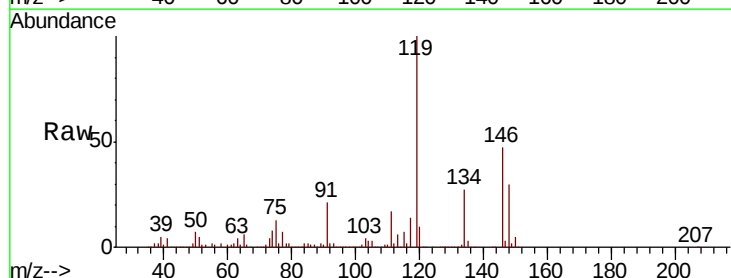
Tgt Ion:119 Resp: 649859

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 21.0 10.8 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

400000

300000

200000

100000

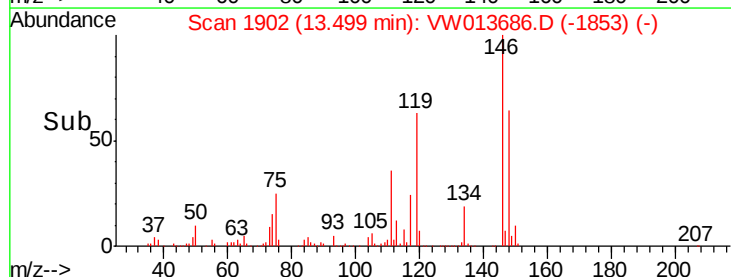
0

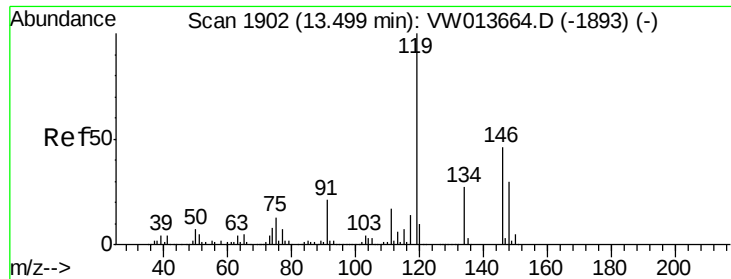
13.45

13.50

13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.431 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013686.D

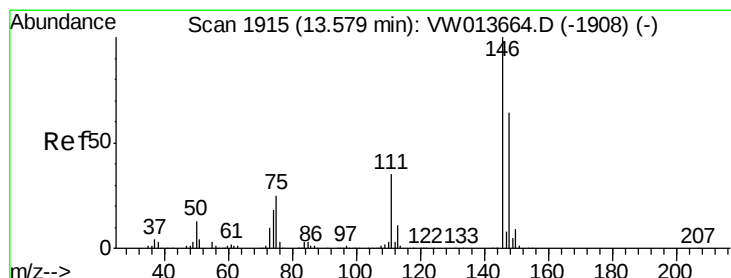
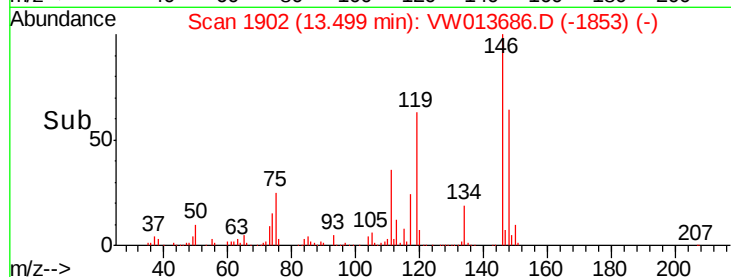
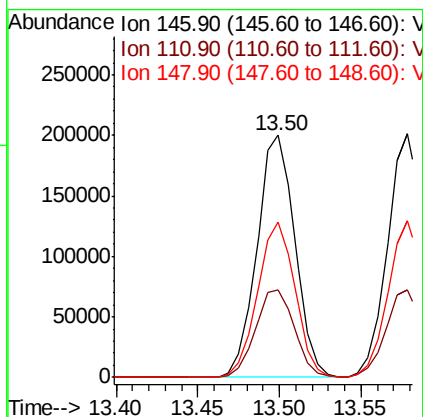
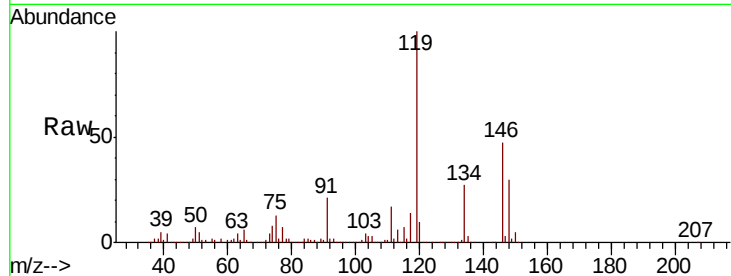
Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:146	Resp:	323167
Ion	Ratio	Lower Upper
146	100	
111	37.1	18.6 56.0
148	63.4	31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.665 ug/l

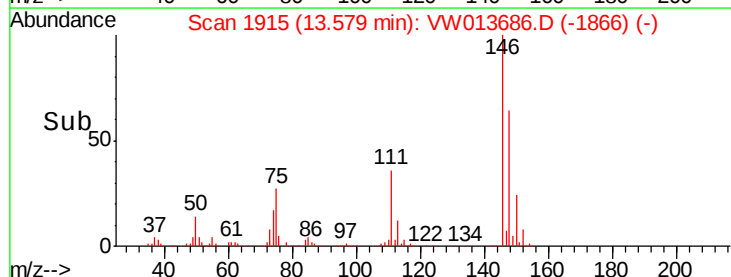
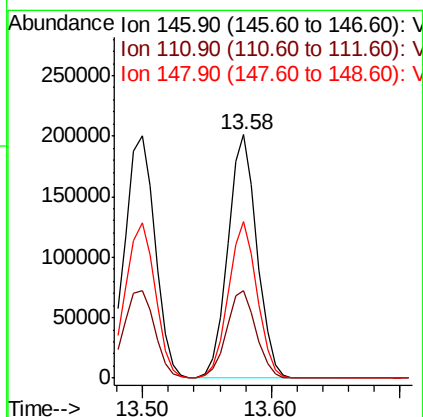
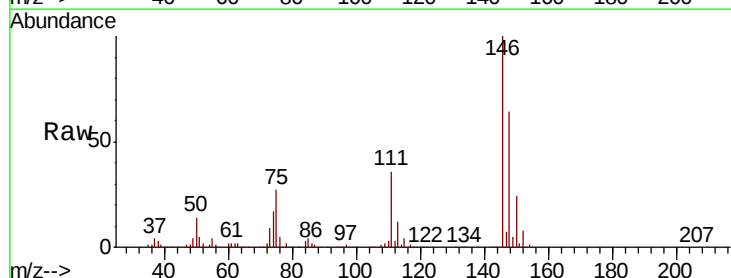
RT: 13.58 min Scan# 1915

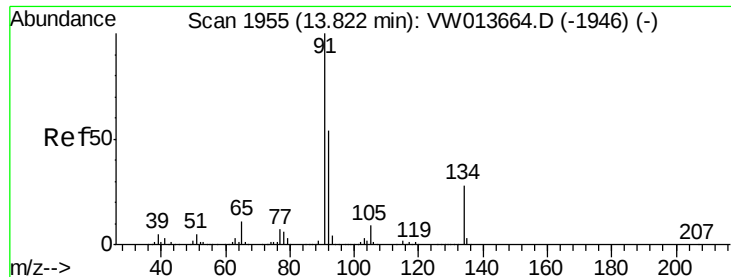
Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Tgt Ion:146	Resp:	316175
Ion	Ratio	Lower Upper
146	100	
111	36.5	18.1 54.3
148	63.7	32.0 96.2





#89

n-Butylbenzene

Concen: 48.596 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013686.D

Acq: 24 Oct 2019 00:28

Instrument :

MSVOA_W

ClientSampled :

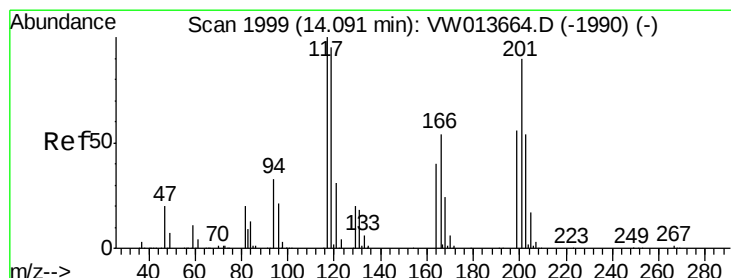
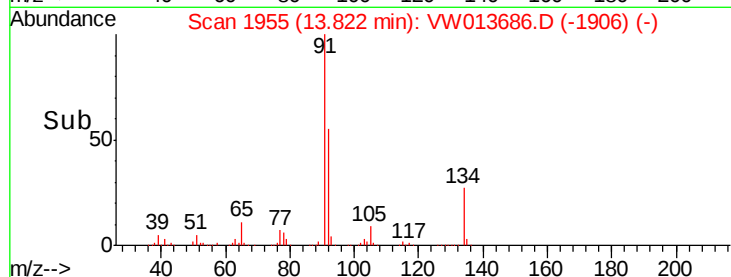
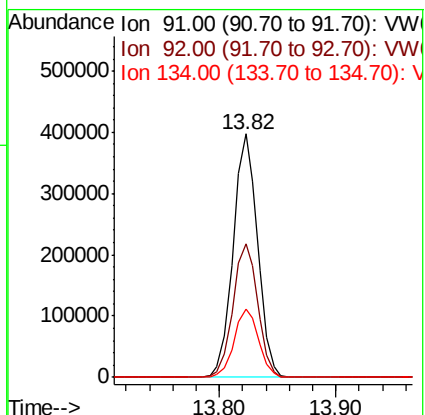
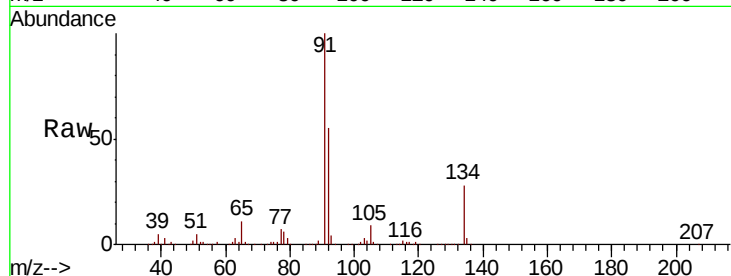
Tot Ion: 91 Resp: 579663

Ion Ratio Lower Upper

91 100

92 55.6 27.5 82.4

134 28.2 14.0 41.9



#90

Hexachloroethane

Concen: 49.808 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013686.D

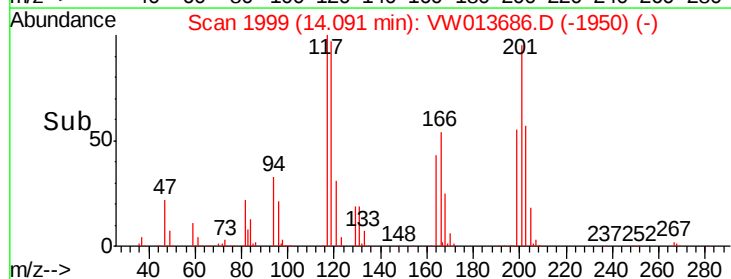
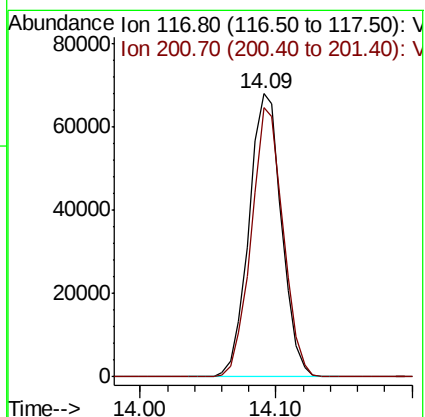
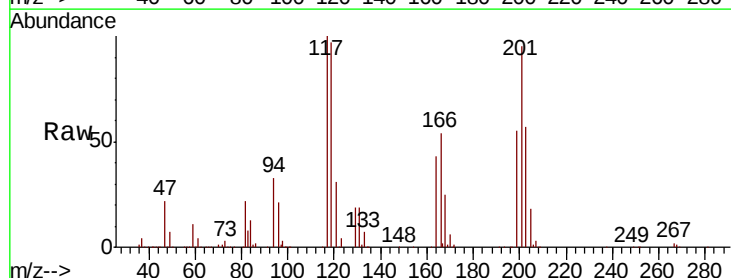
Acq: 24 Oct 2019 00:28

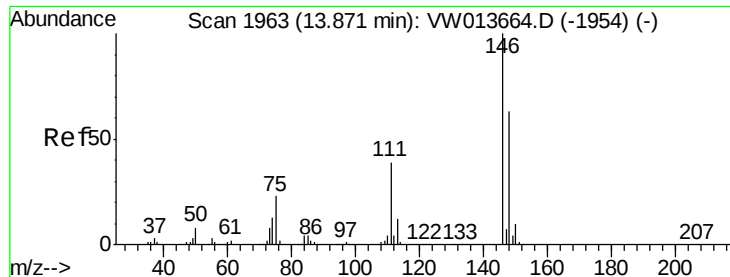
Tgt Ion: 117 Resp: 114408

Ion Ratio Lower Upper

117 100

201 92.8 46.1 138.2

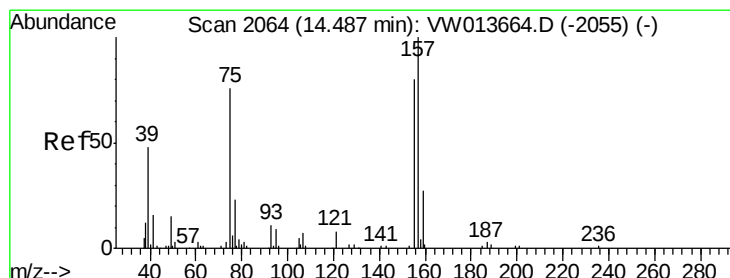
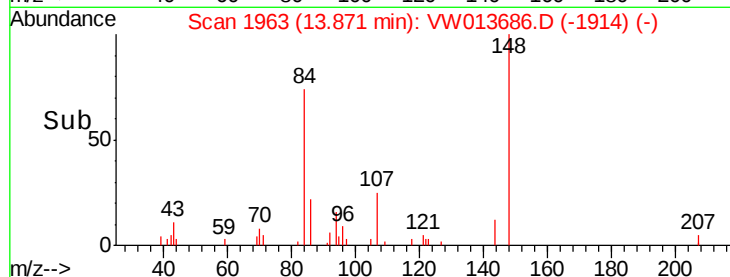
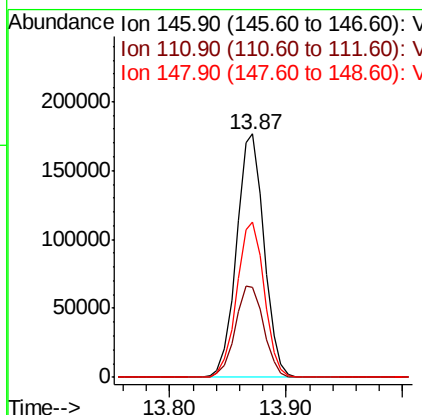
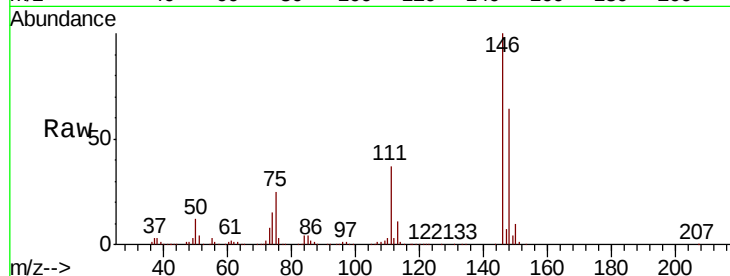




#91
 1,2-Dichlorobenzene
 Concen: 52.227 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

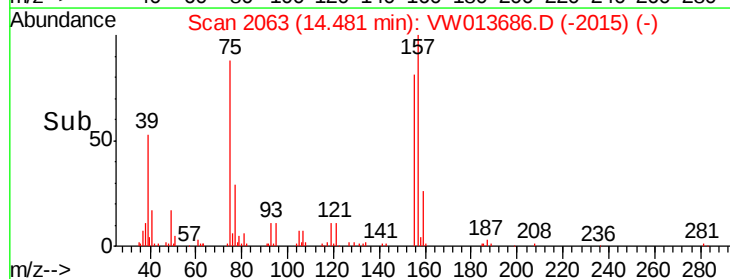
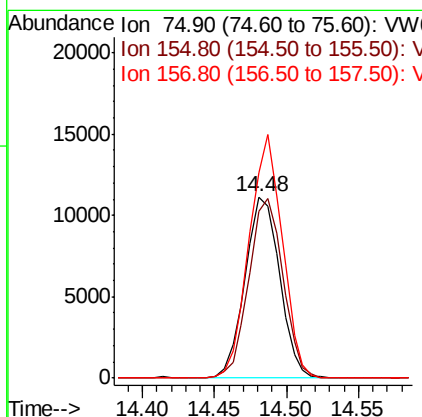
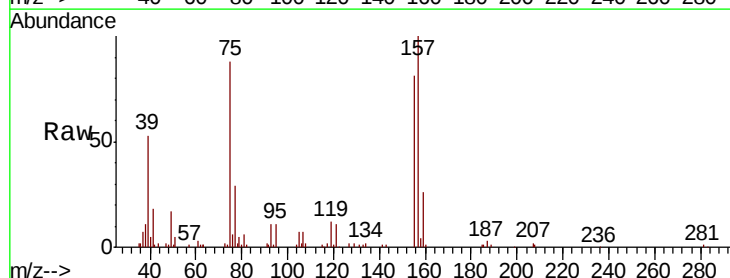
Instrument :
 MSVOA_W
 ClientSampleId :

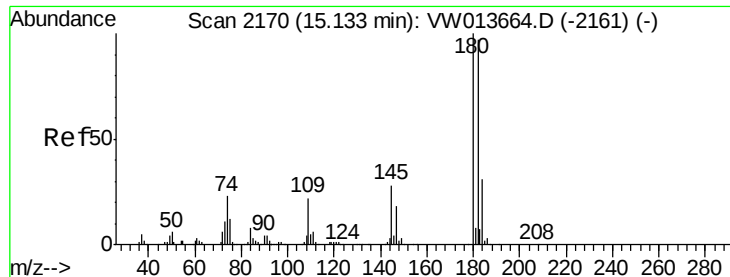
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.6
148	63.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.200 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	51.9	155.7
157	127.9	64.8	194.3

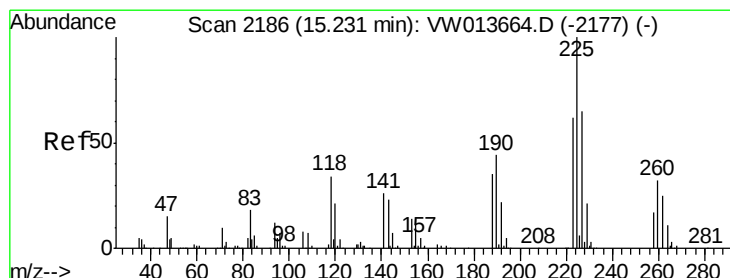
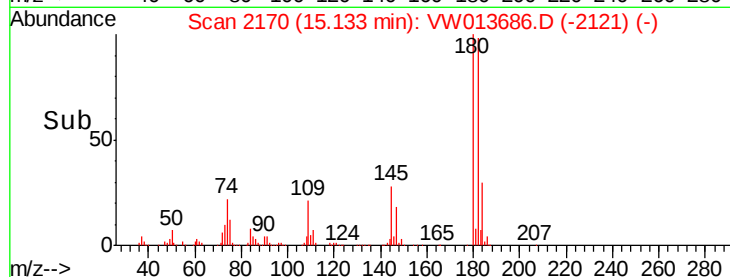
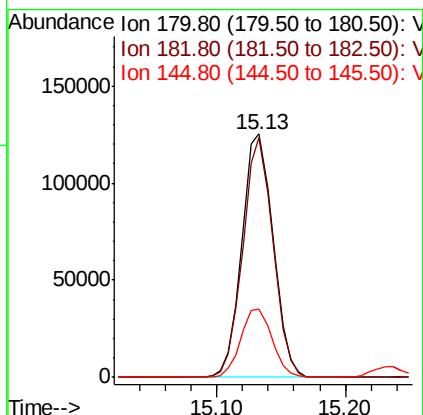
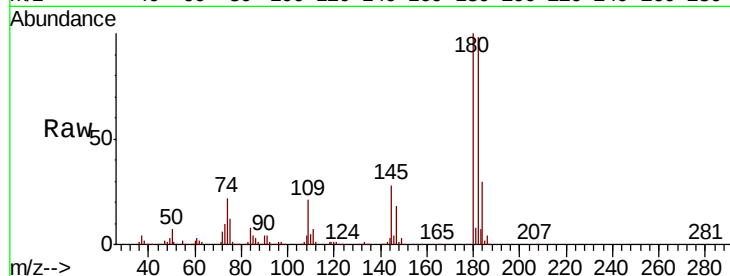




#93
 1,2,4-Trichlorobenzene
 Concen: 51.892 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

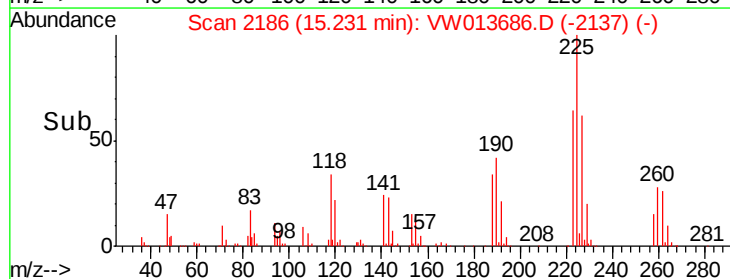
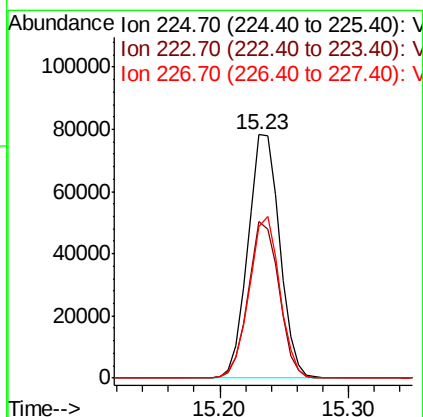
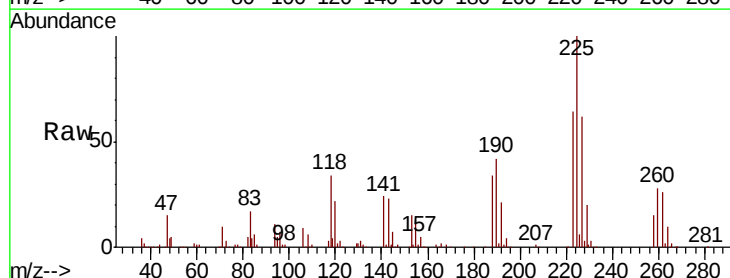
Instrument :
 MSVOA_W
 ClientSampleId :

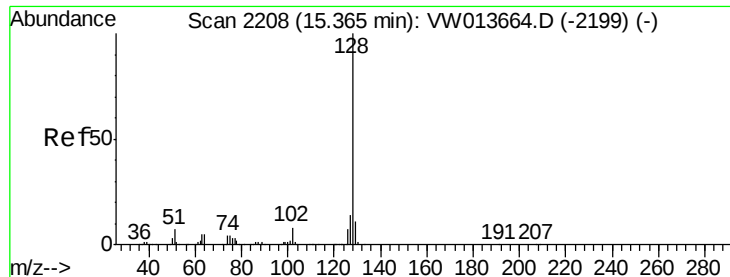
Tot Ion:180 Resp: 209834
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 28.1 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 48.522 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW013686.D
 Acq: 24 Oct 2019 00:28

Tgt Ion:225 Resp: 132456
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.9 95.9
 227 63.8 32.5 97.4

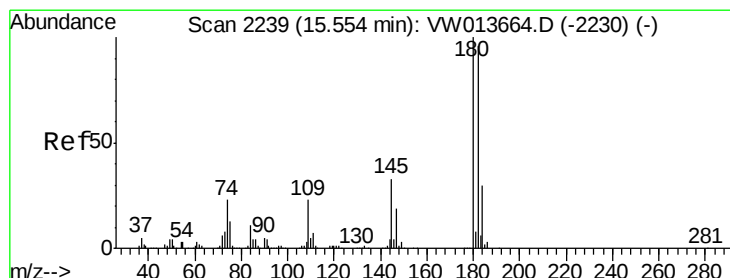
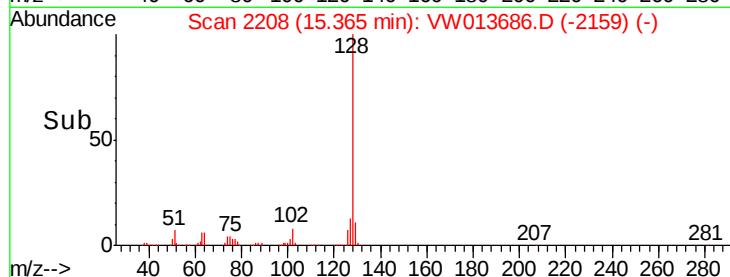
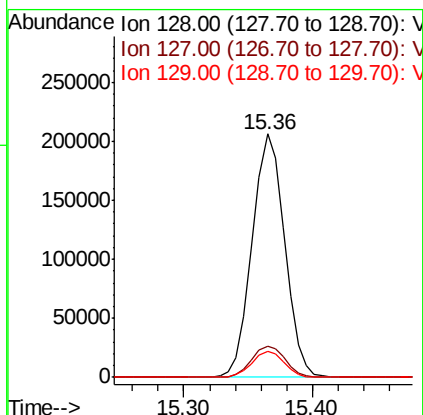
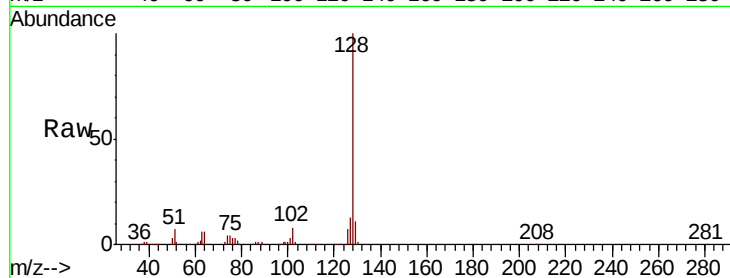




#95
Naphthalene
Concen: 56.742 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 359741
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.612 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013686.D
Acq: 24 Oct 2019 00:28

Tgt Ion:180 Resp: 186800
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 29.8 14.9 44.9

