

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100819\
 Data File : VW013489.D
 Acq On : 08 Oct 2019 16:19
 Operator : SY/VA
 Sample : K5111-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 05:46:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	420094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	208988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135445	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	7.88	113	137331	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.32	98	570294	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.62	95	197130	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	4636	4.209	ug/l	98
3) Chloromethane	2.21	50	9078	4.689	ug/l	96
4) Vinyl Chloride	2.35	62	12000	4.202	ug/l	98
5) Bromomethane	2.77	94	7937	4.658	ug/l	97
6) Chloroethane	2.92	64	7169	4.470	ug/l	97
7) Trichlorofluoromethane	3.25	101	5126	3.794	ug/l #	83
8) Diethyl Ether	3.67	74	6363	4.550	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	11573	4.156	ug/l	96
10) Methyl Iodide	4.27	142	18742	4.250	ug/l	98
11) Tert butyl alcohol	5.18	59	943	4.338	ug/l #	42
12) 1,1-Dichloroethene	4.04	96	11866	4.112	ug/l	90
13) Acrolein	3.90	56	1208	5.768	ug/l	86
14) Allyl chloride	4.67	41	17496	3.945	ug/l	98
15) Acrylonitrile	5.37	53	13158	20.132	ug/l	99
16) Acetone	4.14	43	13276	22.208	ug/l	96
17) Carbon Disulfide	4.38	76	33078	4.084	ug/l	95
18) Methyl Acetate	4.67	43	8500	4.964	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	18824	4.314	ug/l	99
20) Methylene Chloride	4.92	84	25314	7.692	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	13276	4.329	ug/l	94
22) Diisopropyl ether	6.31	45	35254	4.243	ug/l #	89
23) Vinyl Acetate	6.26	43	90774	18.197	ug/l	96
24) 1,1-Dichloroethane	6.21	63	21535	4.240	ug/l	98
25) 2-Butanone	7.18	43	19453	22.081	ug/l #	86
26) 2,2-Dichloropropane	7.15	77	16896	5.161	ug/l	90
27) cis-1,2-Dichloroethene	7.16	96	13701	4.223	ug/l	90
28) Bromochloromethane	7.51	49	8384	4.629	ug/l #	99
29) Tetrahydrofuran	7.53	42	11224	20.845	ug/l	97
30) Chloroform	7.67	83	21561	4.389	ug/l	94
31) Cyclohexane	7.96	56	25556	4.754	ug/l #	79
32) 1,1,1-Trichloroethane	7.87	97	16220	4.062	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17683	4.065	ug/l	100
37) Ethyl Acetate	7.26	43	9081	4.601	ug/l #	94
38) Carbon Tetrachloride	8.07	117	15628	4.053	ug/l #	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013489.D
 Acq On : 08 Oct 2019 16:19
 Operator : SY/VA
 Sample : K5111-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 05:46:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22403	3.975	ug/l	95
40) Benzene	8.32	78	50823	4.185	ug/l	100
41) Methacrylonitrile	7.48	41	4578	4.079	ug/l	98
42) 1,2-Dichloroethane	8.40	62	12839	4.183	ug/l	96
43) Isopropyl Acetate	8.42	43	14276	4.004	ug/l	98
44) Trichloroethene	9.09	130	14763	4.262	ug/l	82
45) 1,2-Dichloropropane	9.37	63	12338	4.233	ug/l	94
46) Dibromomethane	9.45	93	6077	4.185	ug/l	98
47) Bromodichloromethane	9.65	83	15231	4.220	ug/l #	98
48) Methyl methacrylate	9.43	41	7606	4.330	ug/l	92
49) 1,4-Dioxane	9.46	88	2082	81.664	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	40104	21.393	ug/l	100
52) Toluene	10.38	92	32848	4.200	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14618	3.898	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	17720	3.900	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	9265	4.251	ug/l	94
56) Ethyl methacrylate	10.65	69	10706	3.647	ug/l	92
57) 1,3-Dichloropropane	10.93	76	15102	4.036	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.93	63	25411	18.350	ug/l	99
59) 2-Hexanone	10.97	43	23184	18.035	ug/l	97
60) Dibromochloromethane	11.13	129	9714	3.876	ug/l	95
61) 1,2-Dibromoethane	11.24	107	8839	4.264	ug/l	96
64) Tetrachloroethene	10.86	164	13163	4.257	ug/l	96
65) Chlorobenzene	11.66	112	34265	4.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	12039	4.152	ug/l	97
67) Ethyl Benzene	11.73	91	60142	3.942	ug/l	97
68) m/p-Xylenes	11.84	106	47345	8.156	ug/l	99
69) o-Xylene	12.16	106	21134	3.940	ug/l	99
70) Styrene	12.18	104	36516	3.965	ug/l	99
71) Bromoform	12.35	173	6061	3.810	ug/l #	94
73) Isopropylbenzene	12.46	105	59209	3.955	ug/l	99
74) N-amyl acetate	12.27	43	12037	3.677	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	10161	3.982	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	12955	7.443	ug/l #	100
77) Bromobenzene	12.74	156	14666	4.133	ug/l	98
78) n-propylbenzene	12.80	91	68446	3.954	ug/l	98
79) 2-Chlorotoluene	12.89	91	39652	4.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	50273	4.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3043	3.574	ug/l	92
82) 4-Chlorotoluene	12.99	91	41414	4.114	ug/l	98
83) tert-Butylbenzene	13.21	119	44556	4.034	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	50362	4.094	ug/l	98
85) sec-Butylbenzene	13.38	105	59977	3.930	ug/l	100
86) p-Isopropyltoluene	13.50	119	56149	4.004	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	28681	4.263	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	29684	4.504	ug/l	96
89) n-Butylbenzene	13.82	91	48602	3.837	ug/l	99
90) Hexachloroethane	14.09	117	9794	4.082	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	24758	4.168	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1771	4.354	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
Data File : VW013489.D
Acq On : 08 Oct 2019 16:19
Operator : SY/VA
Sample : K5111-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 09 05:46:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:37:57 2019
Response via : Initial Calibration

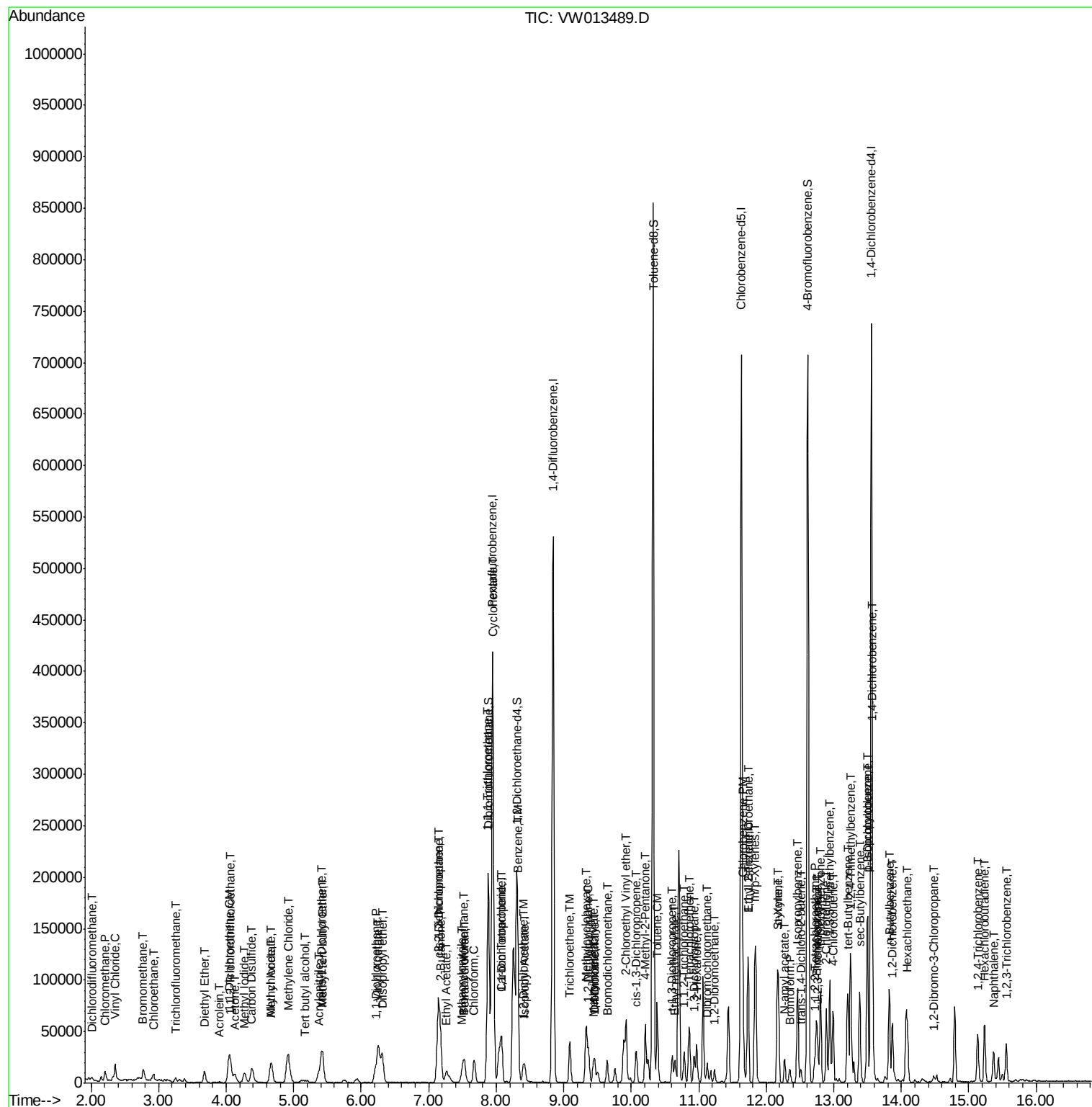
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	16249	3.870	ug/l	98
94) Hexachlorobutadiene	15.23	225	12569	4.505	ug/l	98
95) Naphthalene	15.36	128	26054	3.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	14790	4.029	ug/l	98

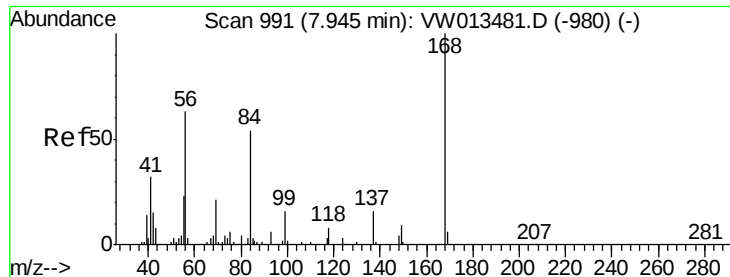
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
Data File : VW013489.D
Acq On : 08 Oct 2019 16:19
Operator : SY/VA
Sample : K5111-01 4PPBL0D
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 09 05:46:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:37:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

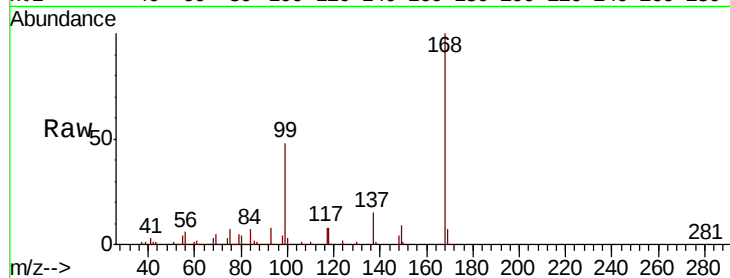
ClientSampled :

Tot Ion:168 Resp: 332497

Ion Ratio Lower Upper

168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

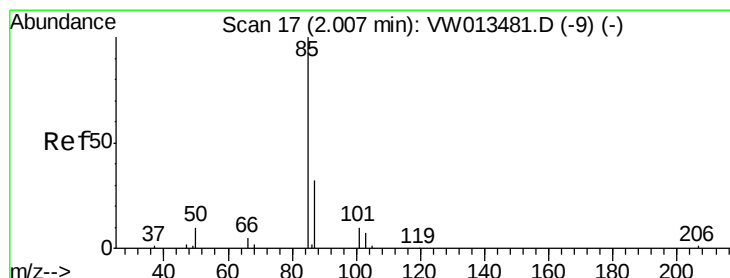
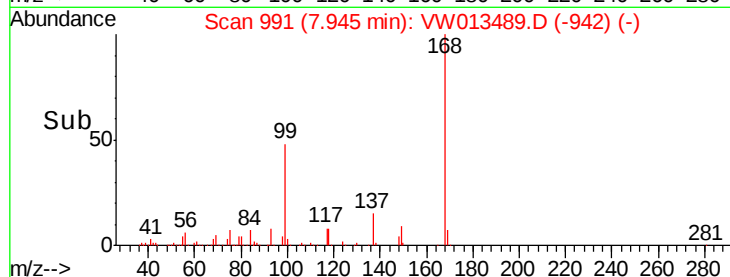
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.209 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013489.D

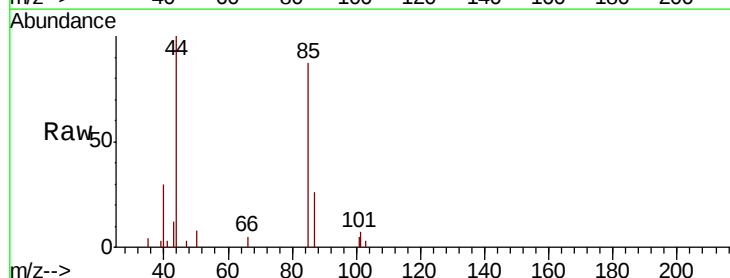
Acq: 08 Oct 2019 16:19

Tgt Ion: 85 Resp: 4636

Ion Ratio Lower Upper

85 100

87 30.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2000

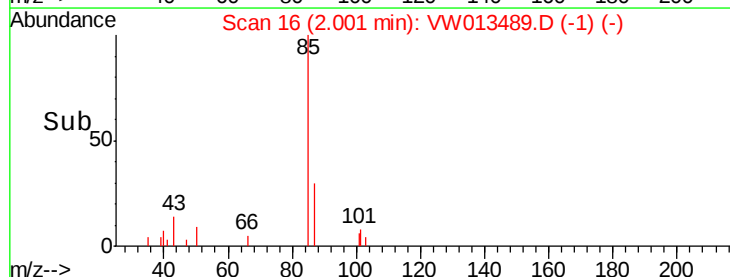
1500

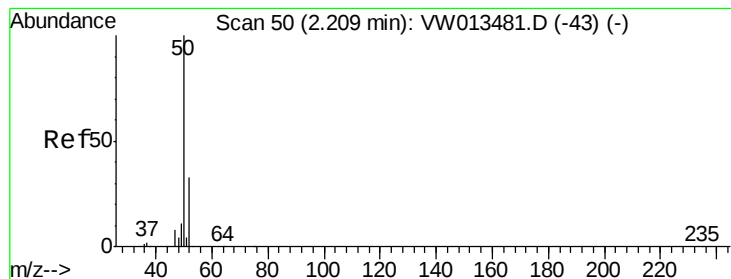
1000

500

0

Time-->





#3

Chloromethane

Concen: 4.689 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

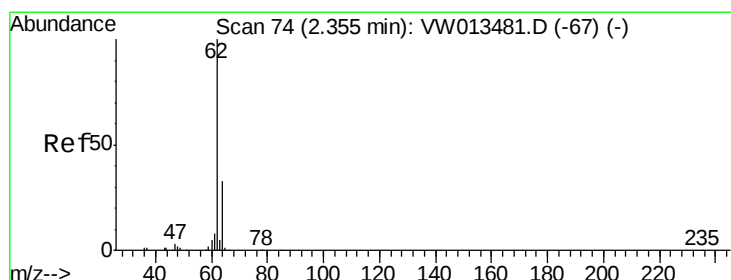
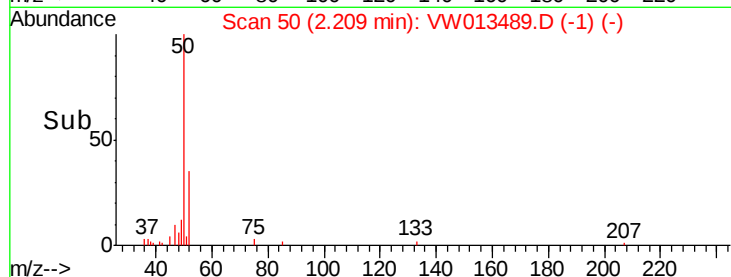
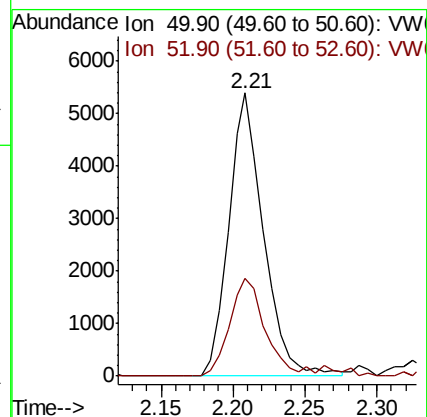
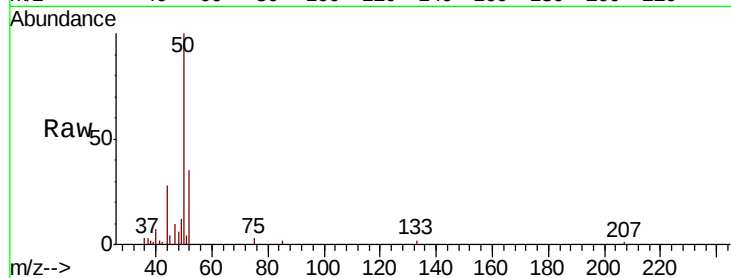
ClientSampleId :

Tot Ion: 50 Resp: 9078

Ion Ratio Lower Upper

50 100

52 34.8 26.0 39.0



#4

Vinyl Chloride

Concen: 4.202 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013489.D

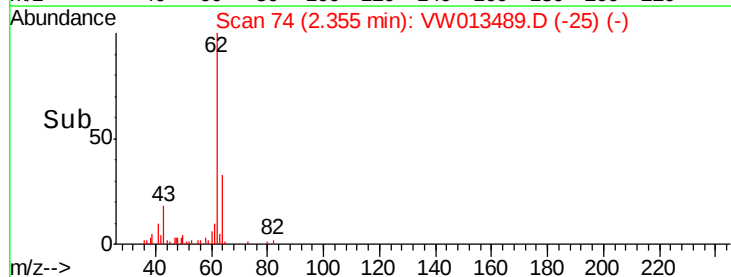
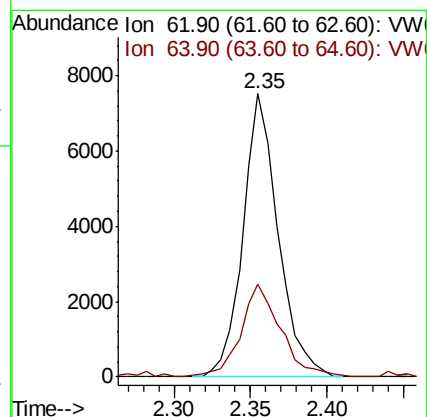
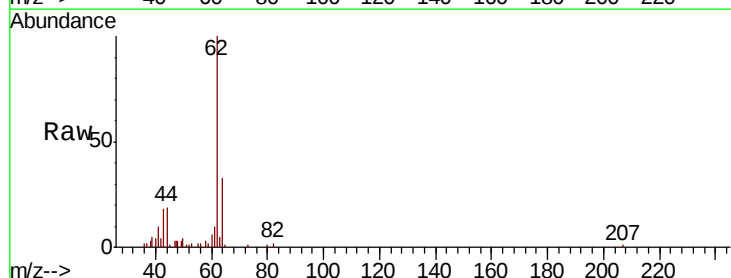
Acq: 08 Oct 2019 16:19

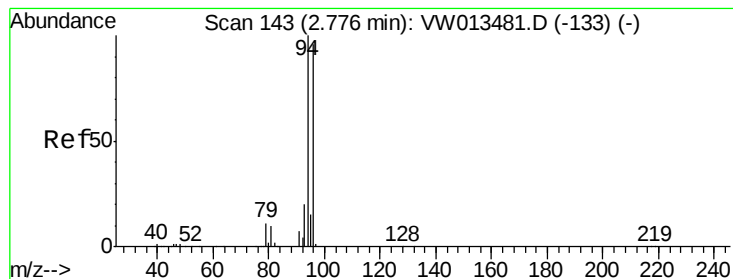
Tgt Ion: 62 Resp: 12000

Ion Ratio Lower Upper

62 100

64 32.1 26.6 39.8





#5

Bromomethane

Concen: 4.658 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

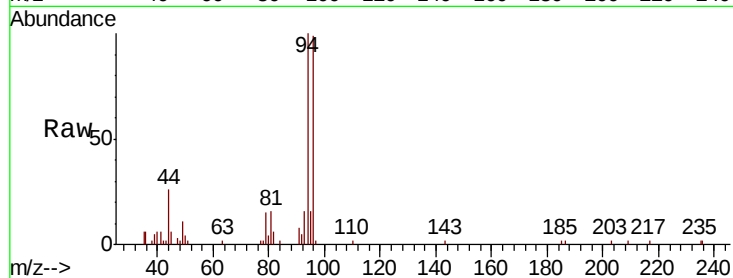
ClientSampleId :

Tot Ion: 94 Resp: 7937

Ion Ratio Lower Upper

94 100

96 99.4 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

4000

3000

2000

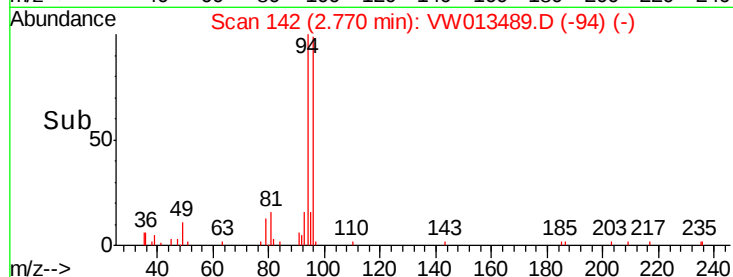
1000

0

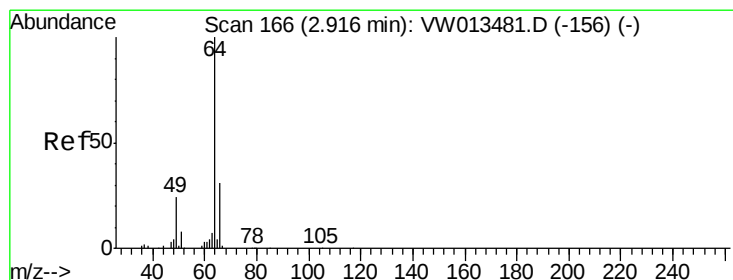
2.70

2.80

2.90



Time-->



#6

Chloroethane

Concen: 4.470 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW013489.D

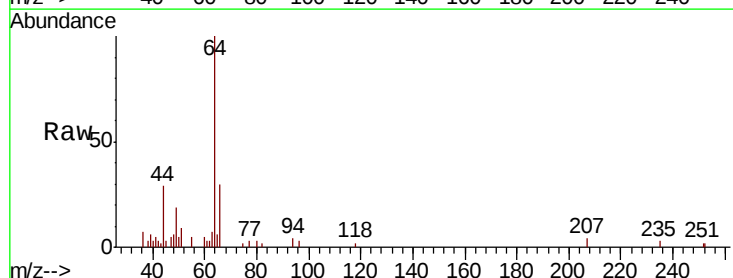
Acq: 08 Oct 2019 16:19

Tgt Ion: 64 Resp: 7169

Ion Ratio Lower Upper

64 100

66 29.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

3000

2500

2000

1500

1000

500

0

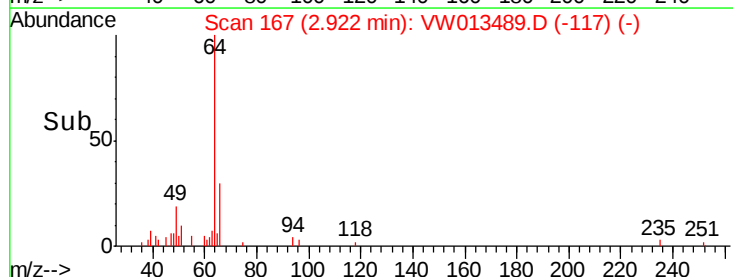
2.80

2.85

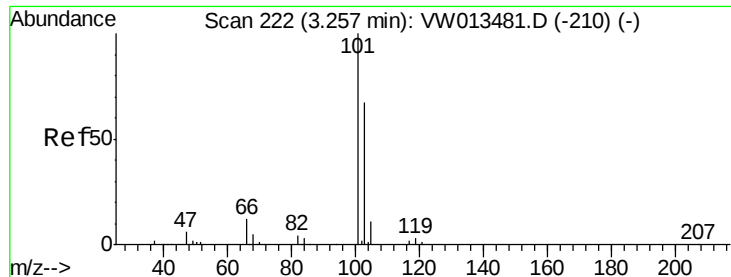
2.90

2.95

3.00



Time-->

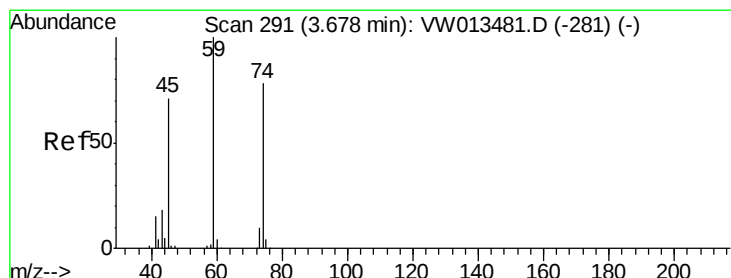
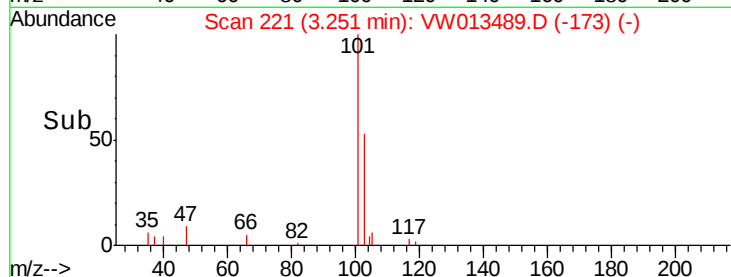
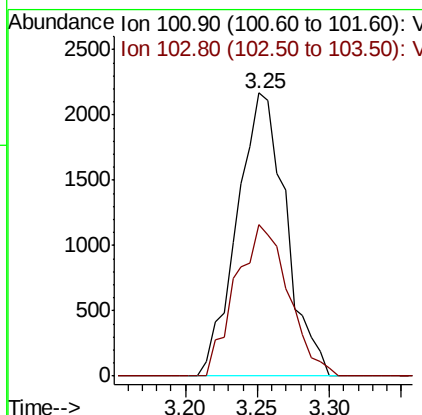
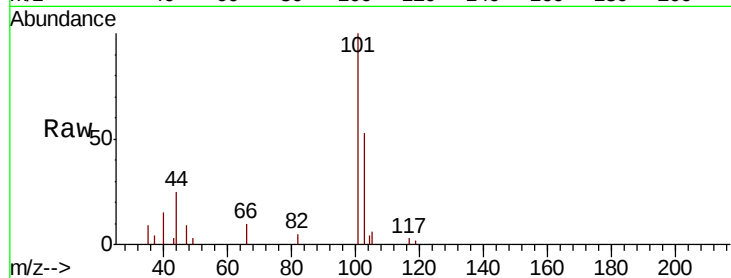


#7

Trichlorofluoromethane
 Concen: 3.794 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Instrument :
 MSVOA_W
 ClientSampled :

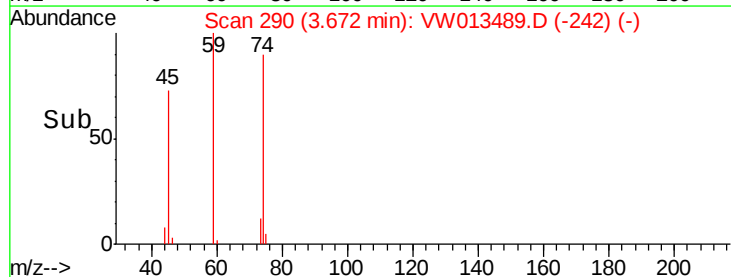
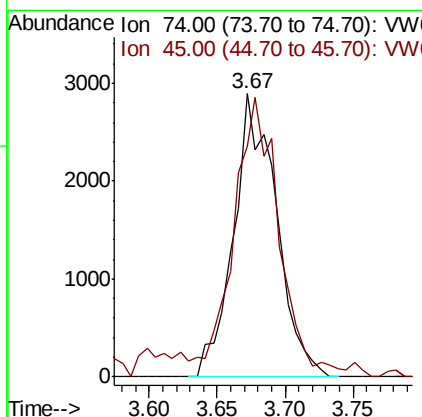
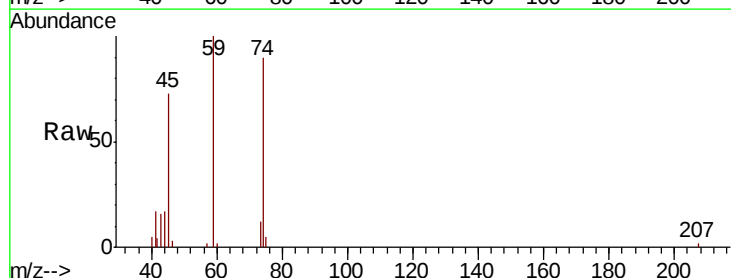
Tot Ion:101 Resp: 5126
 Ion Ratio Lower Upper
 101 100
 103 53.4 53.7 80.5#

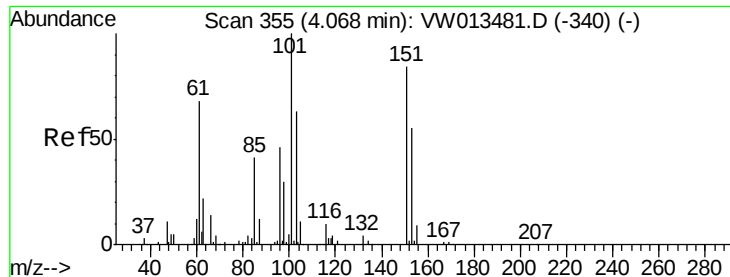


#8

Diethyl Ether
 Concen: 4.550 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion: 74 Resp: 6363
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.0 150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.156 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

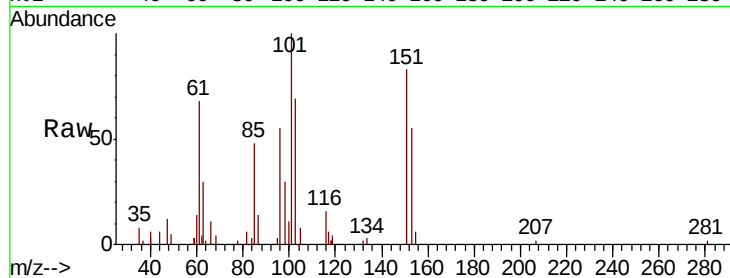
Tot Ion:101 Resp: 11573

Ion Ratio Lower Upper

101 100

85 37.3 31.6 47.4

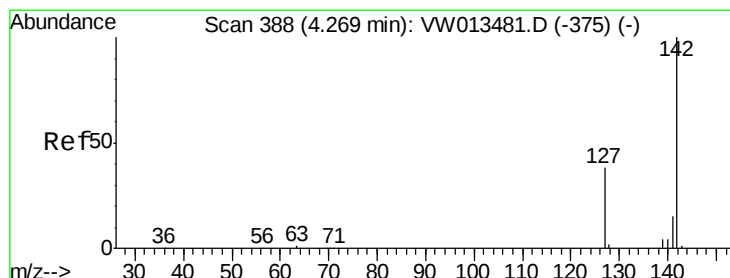
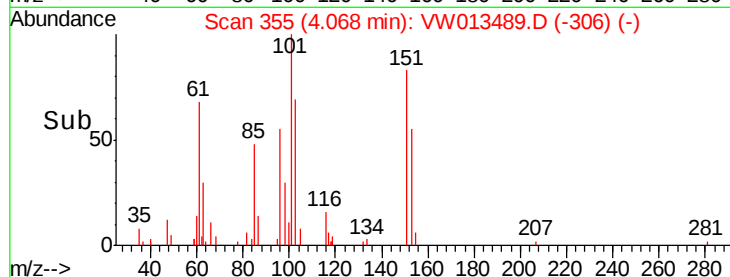
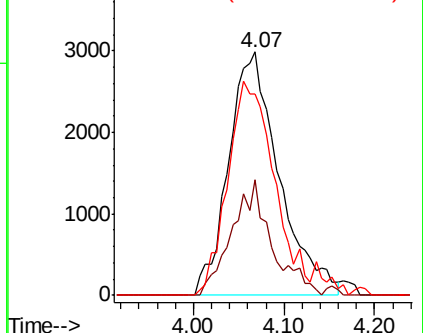
151 80.4 67.5 101.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.250 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

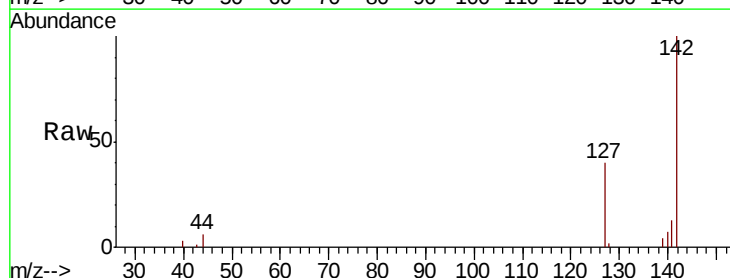
Tgt Ion:142 Resp: 18742

Ion Ratio Lower Upper

142 100

127 37.7 29.6 44.4

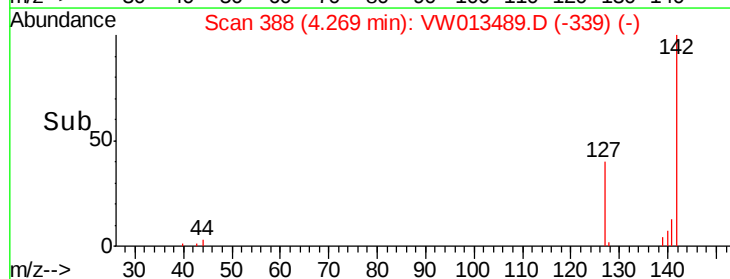
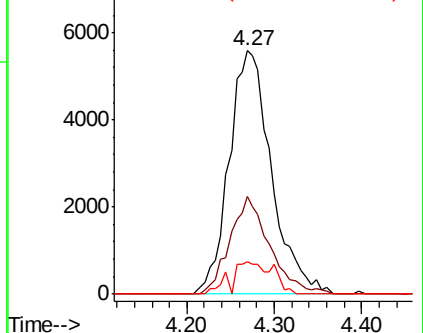
141 13.3 12.1 18.1

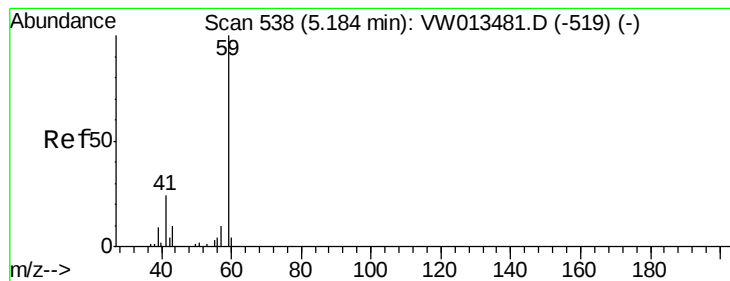


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



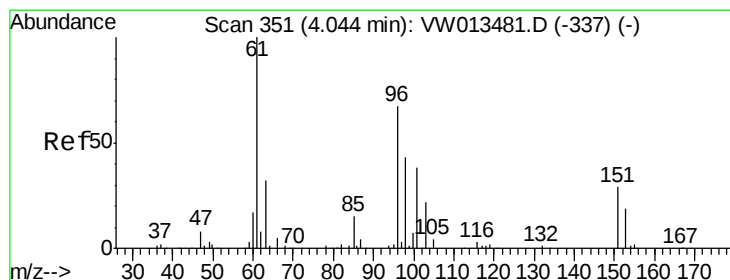
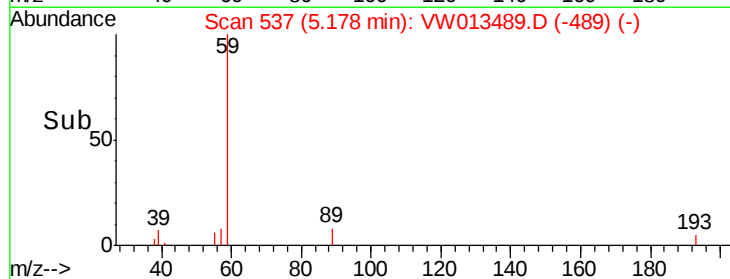
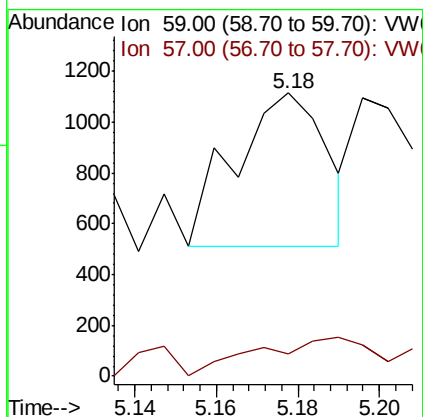
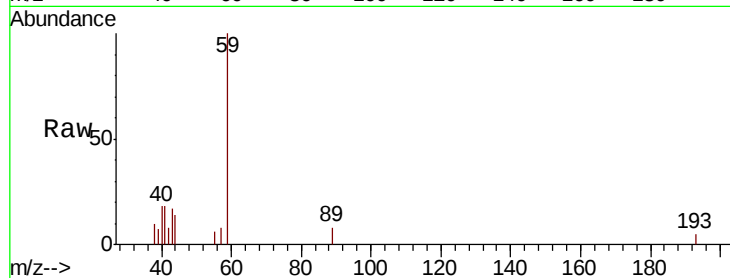


#11

Tert butyl alcohol
Concen: 4.338 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Instrument :
MSVOA_W
ClientSampled :

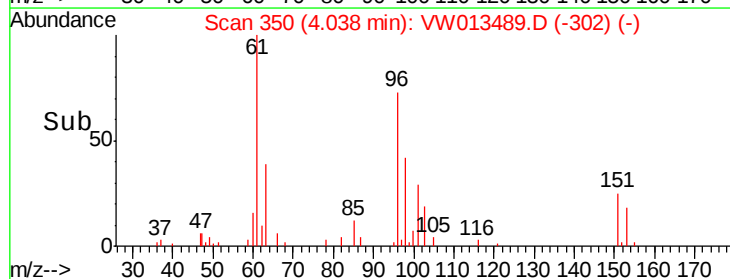
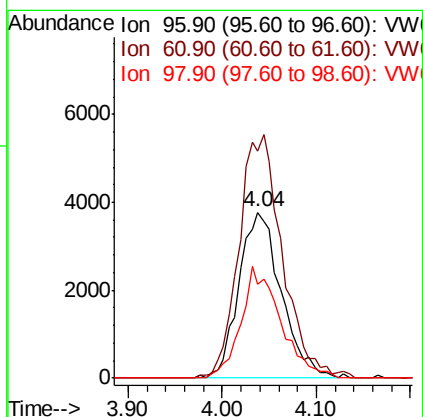
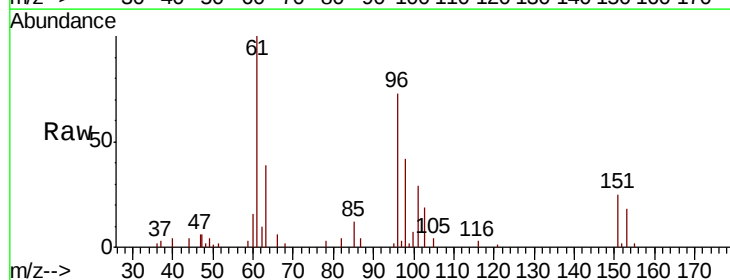
Tot Ion: 59 Resp: 943
Ion Ratio Lower Upper
59 100
57 31.9 8.2 12.4#

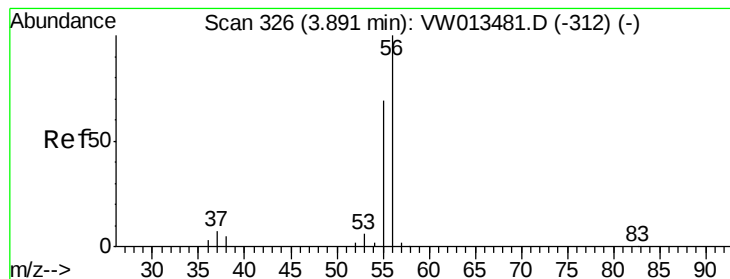


#12

1,1-Dichloroethene
Concen: 4.112 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 96 Resp: 11866
Ion Ratio Lower Upper
96 100
61 136.5 119.4 179.0
98 56.7 51.1 76.7





#13

Acrolein

Concen: 5.768 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

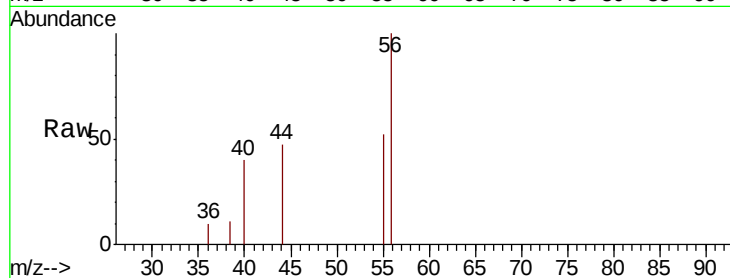
ClientSampled :

Tot Ion: 56 Resp: 1208

Ion Ratio Lower Upper

56 100

55 58.6 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

500

400

300

200

100

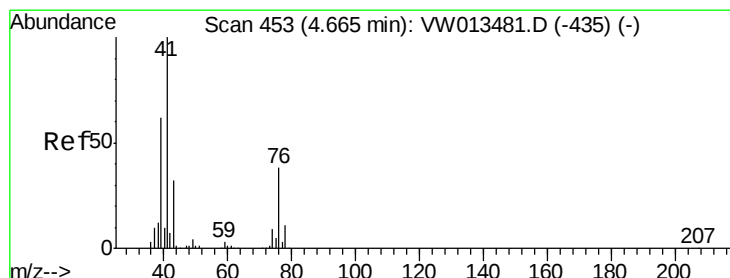
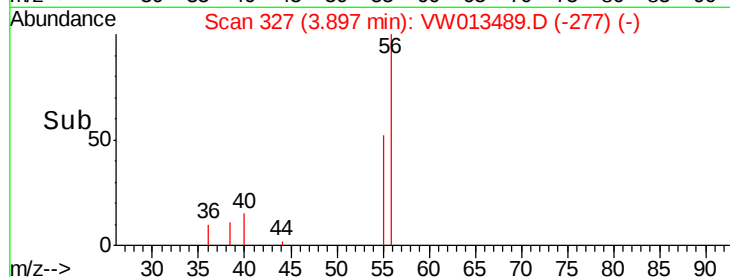
0

Time--> 3.80

3.85

3.90

3.95



#14

Allyl chloride

Concen: 3.945 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

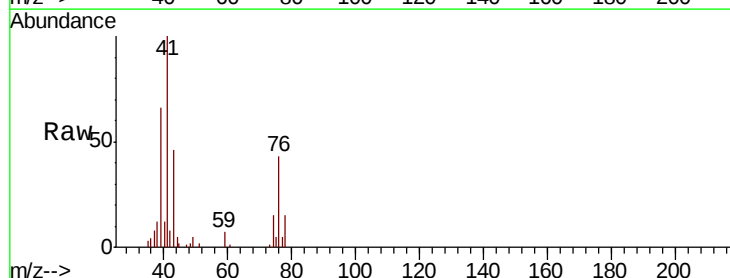
Tgt Ion: 41 Resp: 17496

Ion Ratio Lower Upper

41 100

39 65.2 50.1 75.1

76 35.6 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

6000

4000

2000

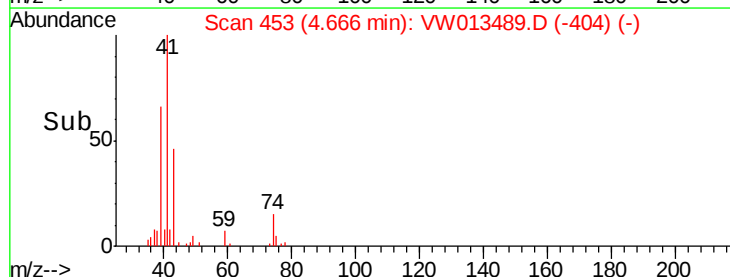
0

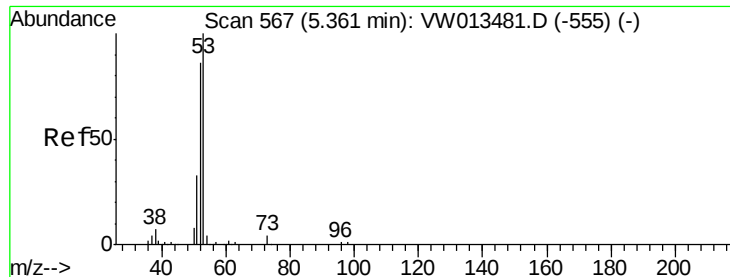
Time--> 4.50

4.60

4.70

4.80





#15

Acrylonitrile

Concen: 20.132 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampled :

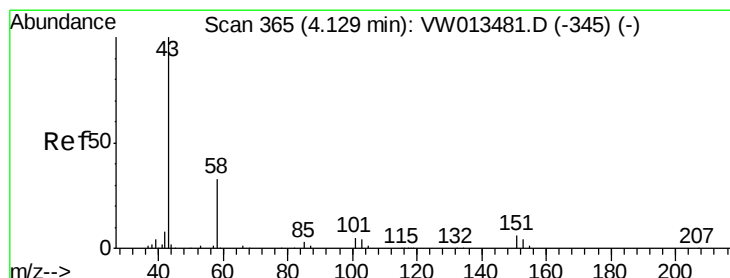
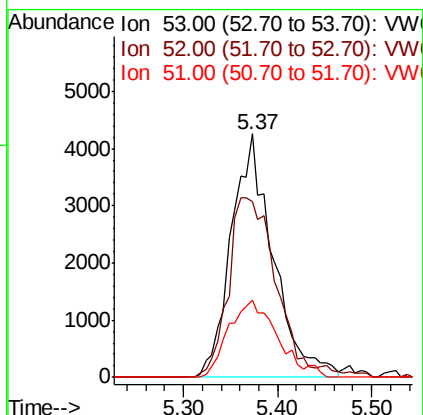
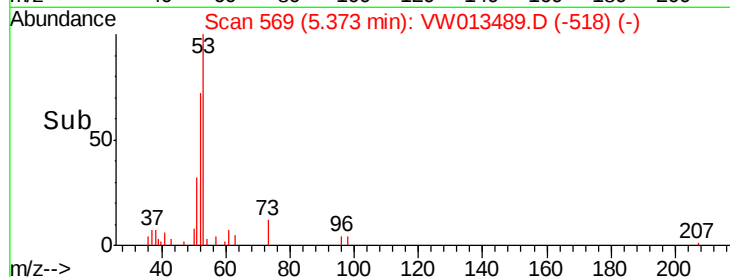
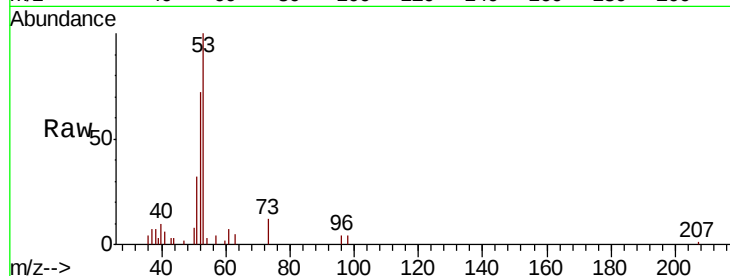
Tot Ion: 53 Resp: 13158

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.8

51 35.7 28.6 42.8



#16

Acetone

Concen: 22.208 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013489.D

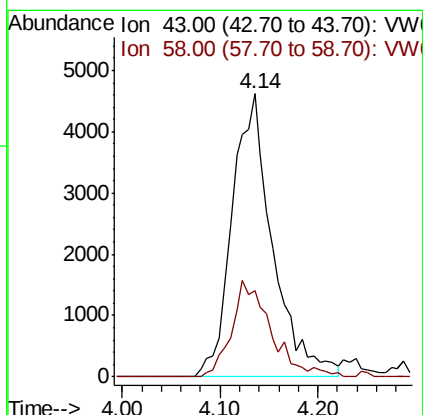
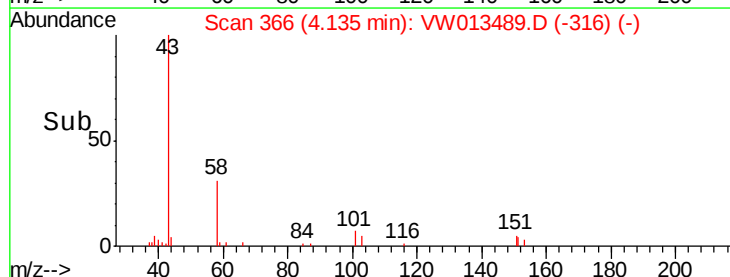
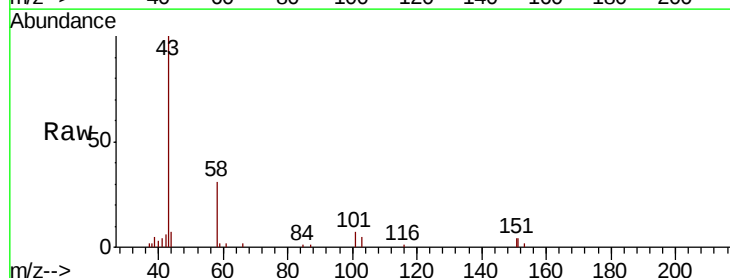
Acq: 08 Oct 2019 16:19

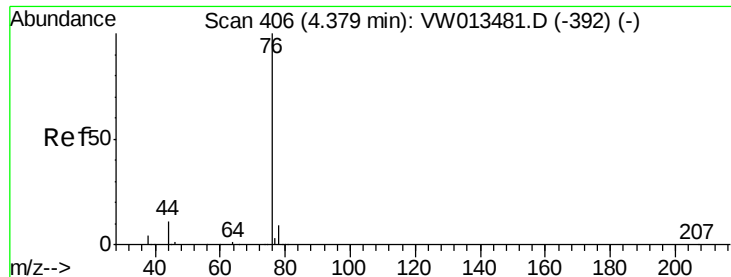
Tgt Ion: 43 Resp: 13276

Ion Ratio Lower Upper

43 100

58 30.6 26.1 39.1

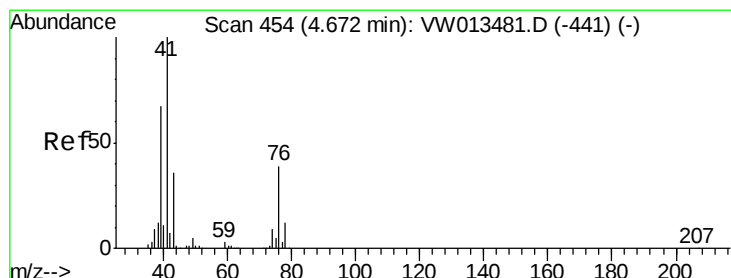
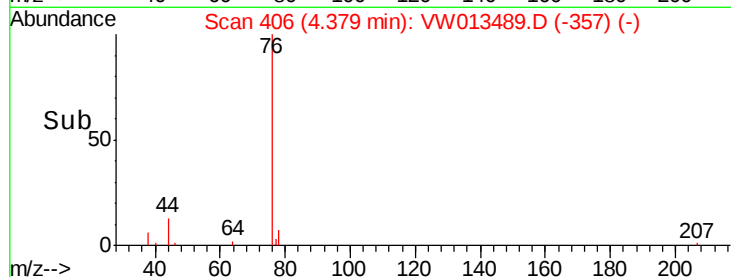
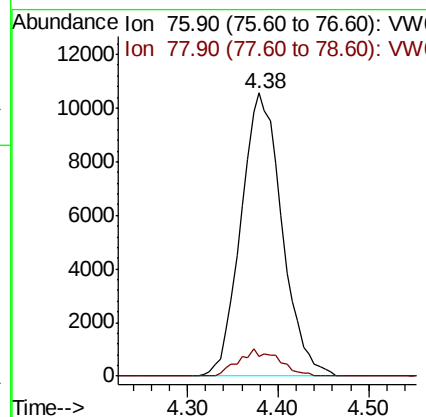
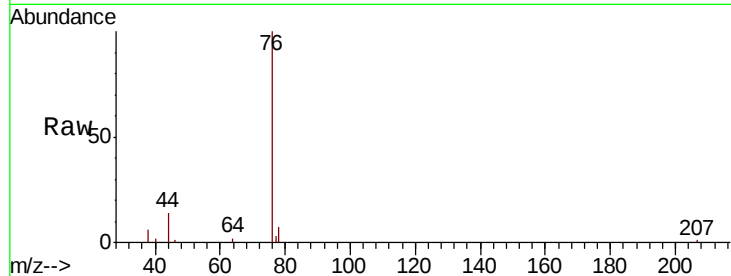




#17
Carbon Disulfide
Concen: 4.084 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

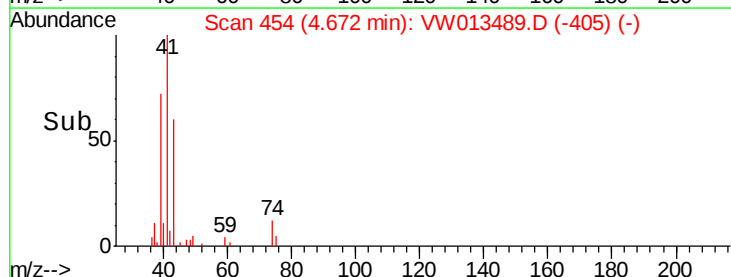
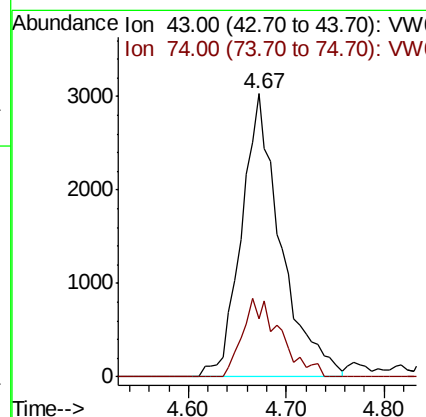
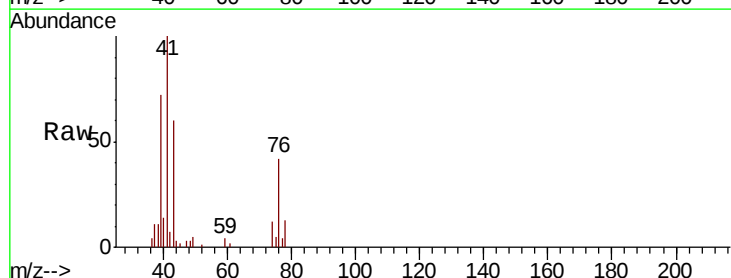
Instrument :
MSVOA_W
ClientSampled :

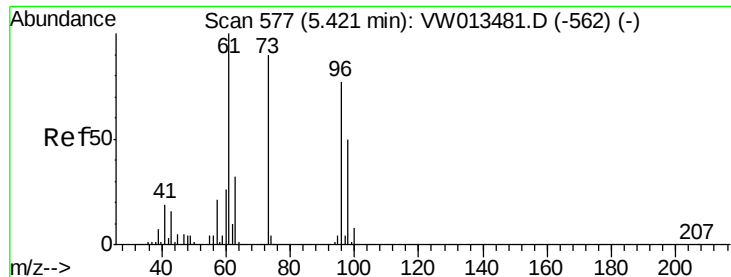
Tot Ion: 76 Resp: 33078
Ion Ratio Lower Upper
76 100
78 7.2 7.1 10.7



#18
Methyl Acetate
Concen: 4.964 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 43 Resp: 8500
Ion Ratio Lower Upper
43 100
74 26.7 19.6 29.4

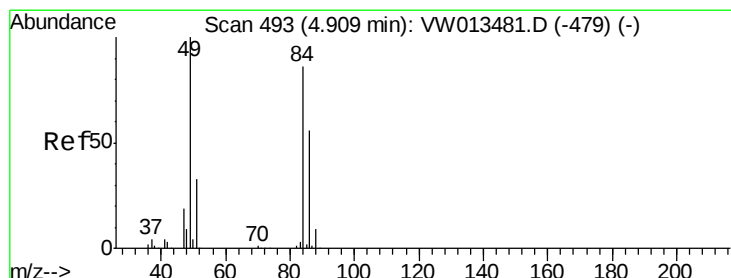
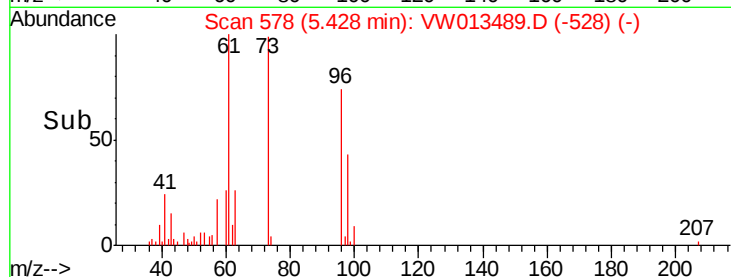
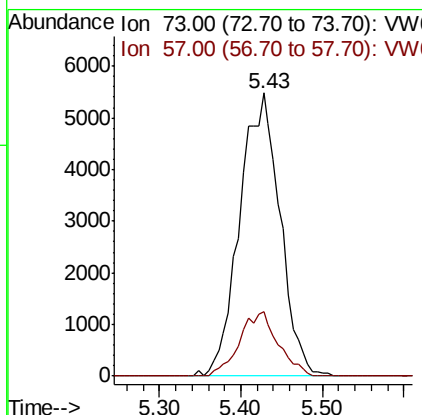
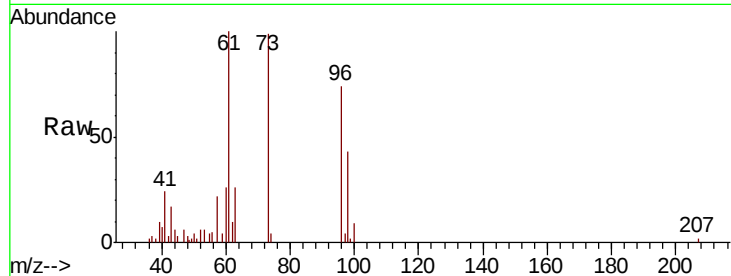




#19
Methyl tert-butyl Ether
Concen: 4.314 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

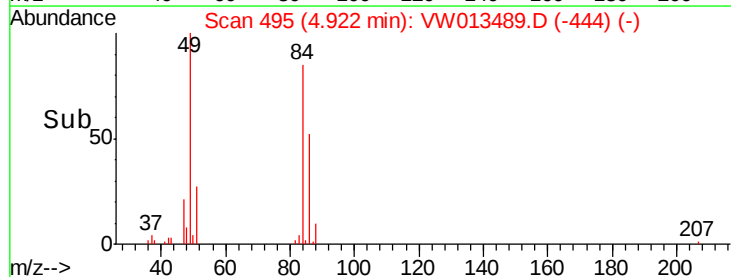
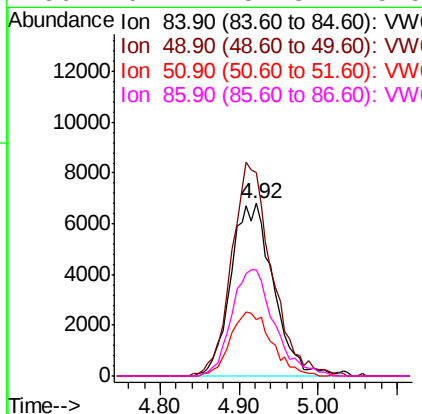
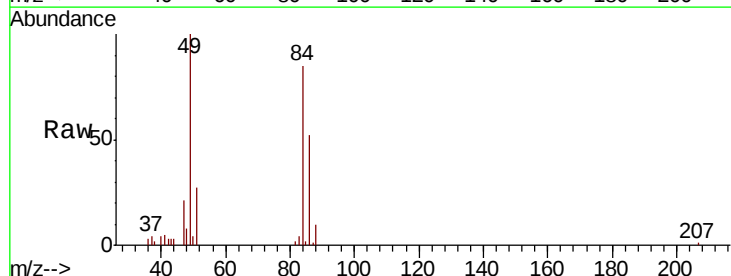
Instrument :
MSVOA_W
ClientSampleId :

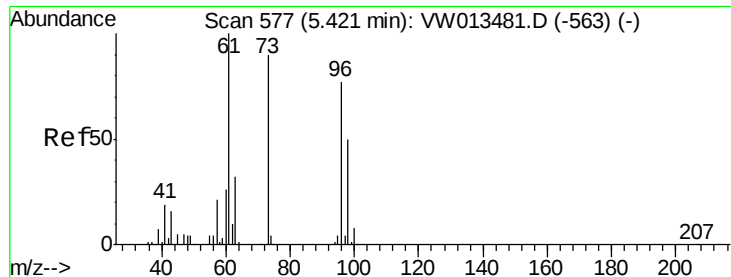
Tot Ion: 73 Resp: 18824
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8



#20
Methylene Chloride
Concen: 7.692 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 84 Resp: 25314
Ion Ratio Lower Upper
84 100
49 118.1 93.4 140.0
51 32.5 30.6 46.0
86 61.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 4.329 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

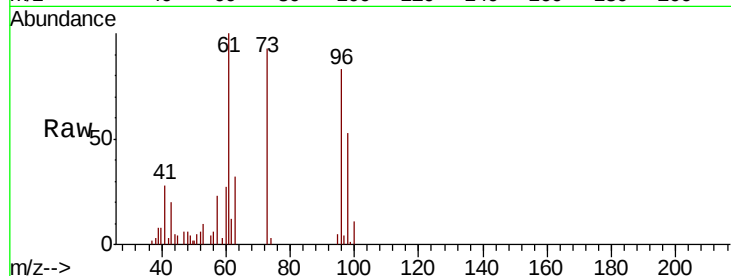
Tot Ion: 96 Resp: 13276

Ion Ratio Lower Upper

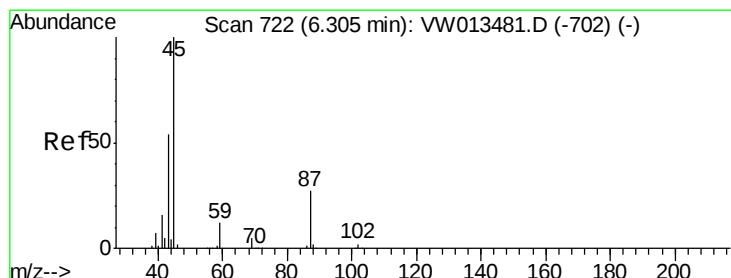
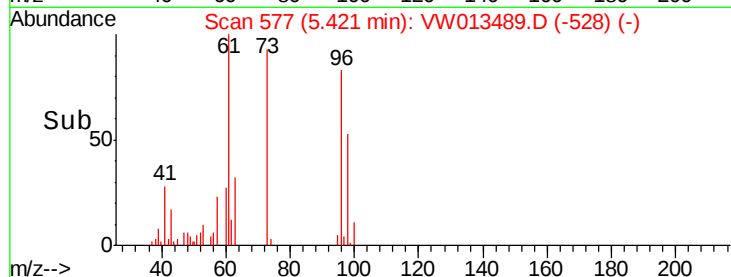
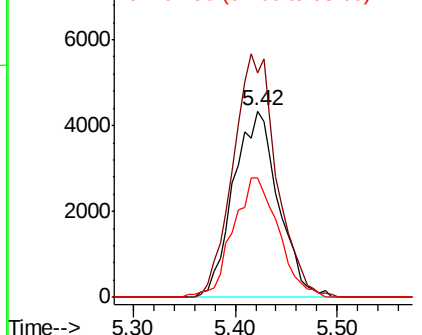
96 100

61 120.4 104.3 156.5

98 64.4 51.8 77.8



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



#22

Diisopropyl ether

Concen: 4.243 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Tgt Ion: 45 Resp: 35254

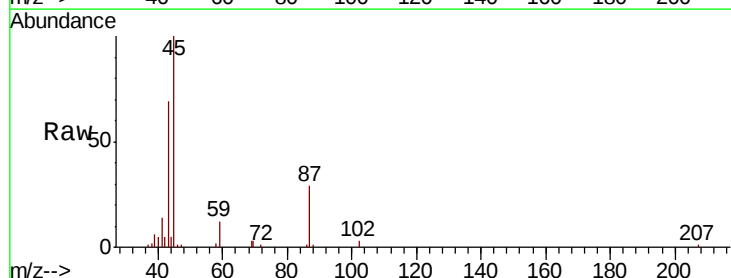
Ion Ratio Lower Upper

45 100

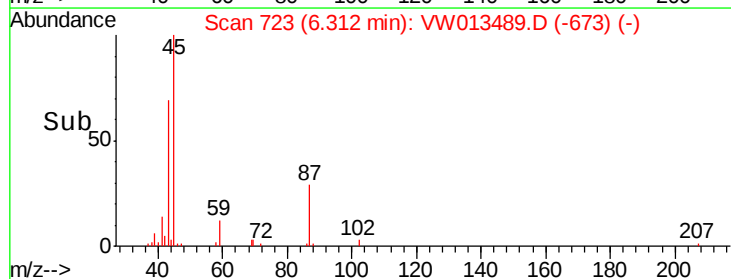
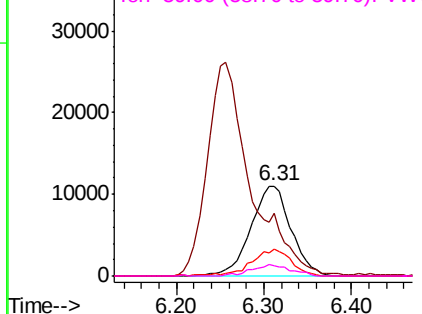
43 66.5 43.4 65.0#

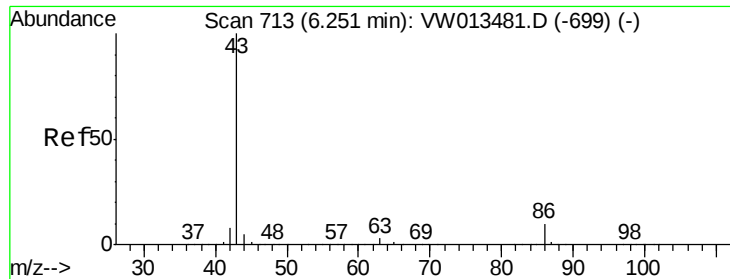
87 29.3 22.1 33.1

59 11.9 9.9 14.9



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

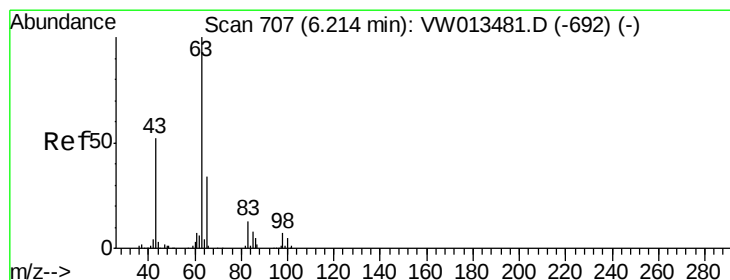
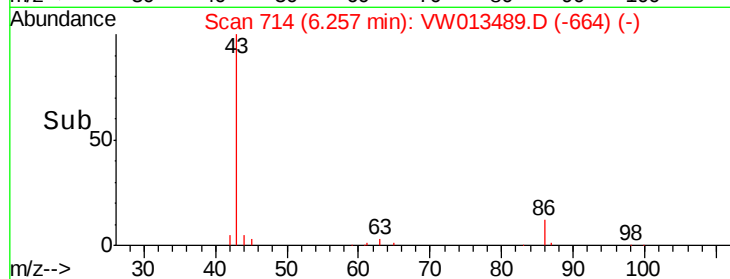
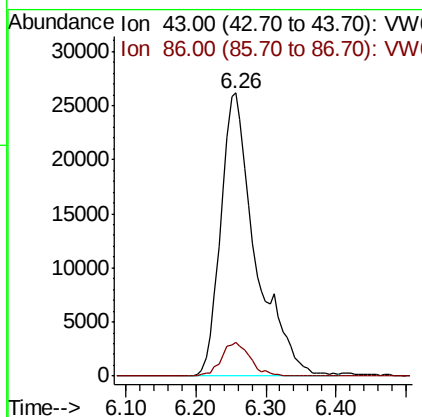
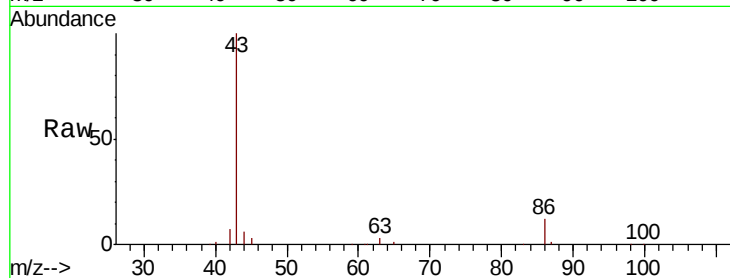




#23
 Vinyl Acetate
 Concen: 18.197 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

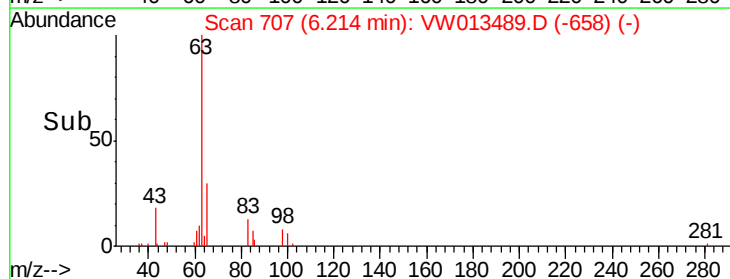
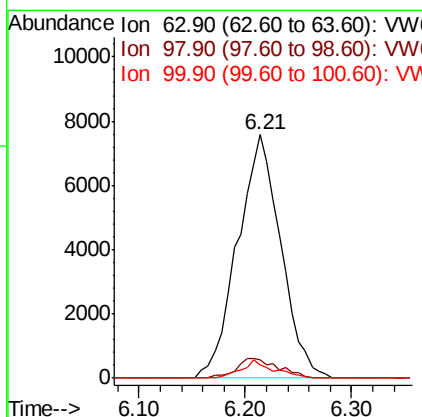
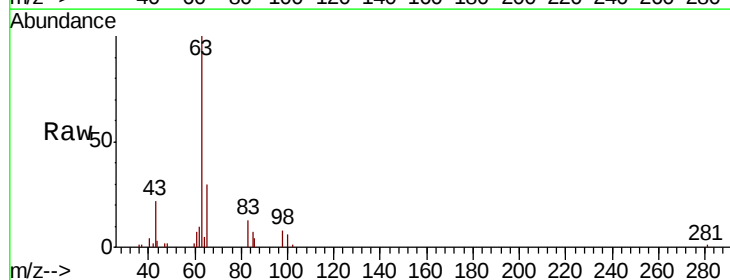
Instrument :
 MSVOA_W
 ClientSampleId :

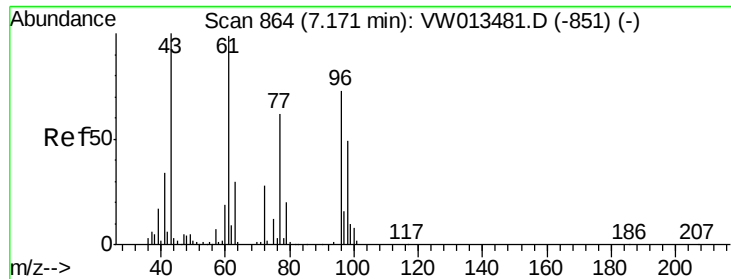
Tot Ion: 43 Resp: 90774
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 4.240 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion: 63 Resp: 21535
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 5.5 2.3 6.8





#25

2-Butanone

Concen: 22.081 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

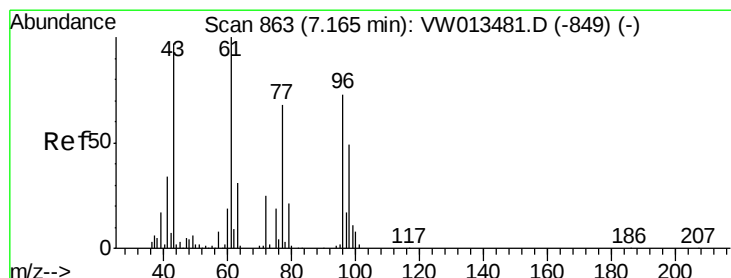
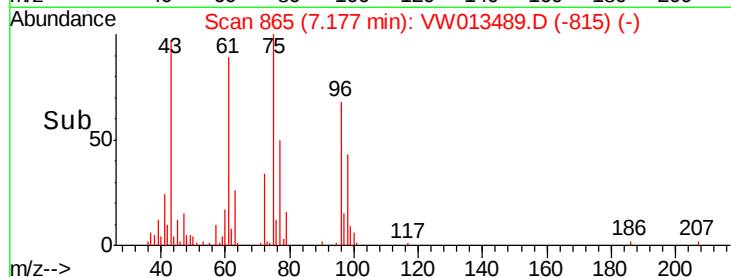
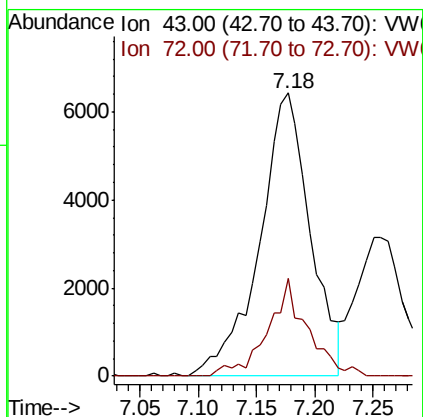
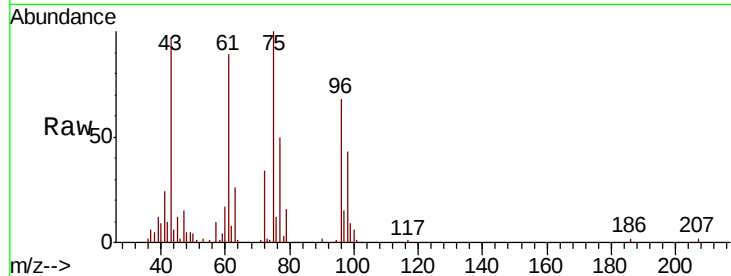
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 19453

Ion Ratio Lower Upper

43 100

72 34.7 22.1 33.1#



#26

2,2-Dichloropropane

Concen: 5.161 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW013489.D

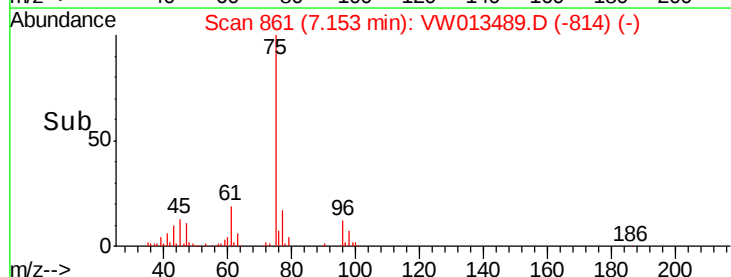
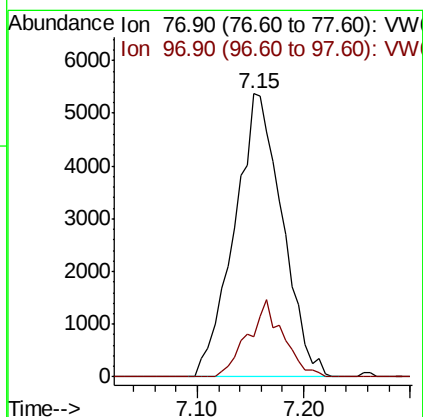
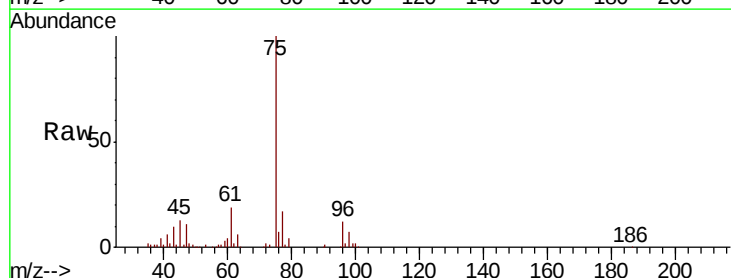
Acq: 08 Oct 2019 16:19

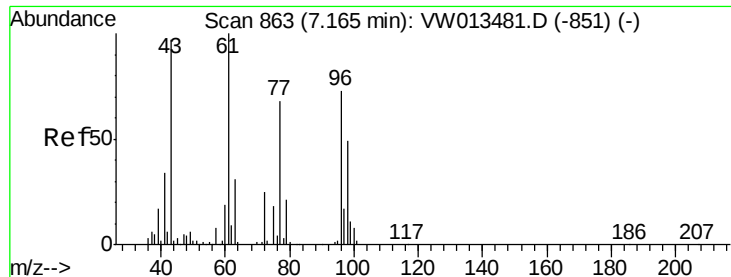
Tgt Ion: 77 Resp: 16896

Ion Ratio Lower Upper

77 100

97 20.1 12.6 37.6



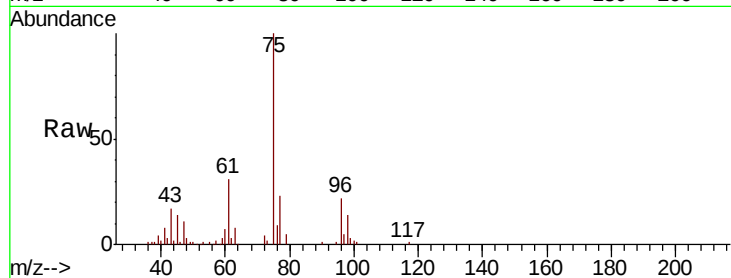


#27

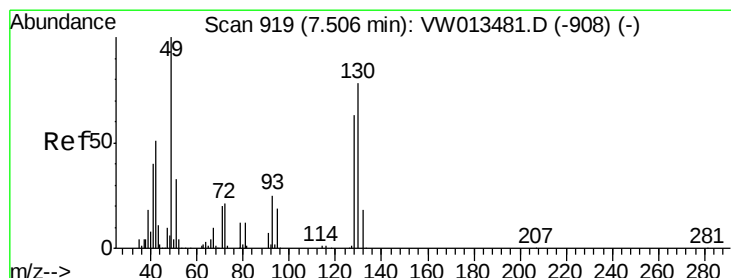
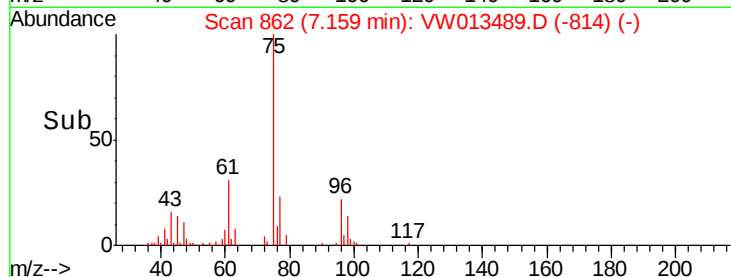
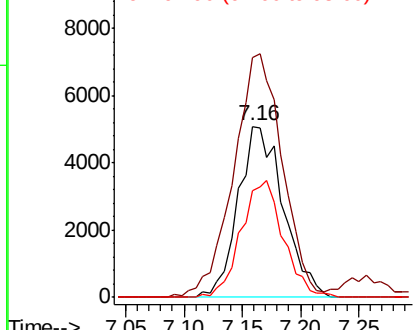
cis-1,2-Dichloroethene
Concen: 4.223 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 13701
Ion Ratio Lower Upper
96 100
61 153.7 0.0 274.4
98 64.0 0.0 130.2



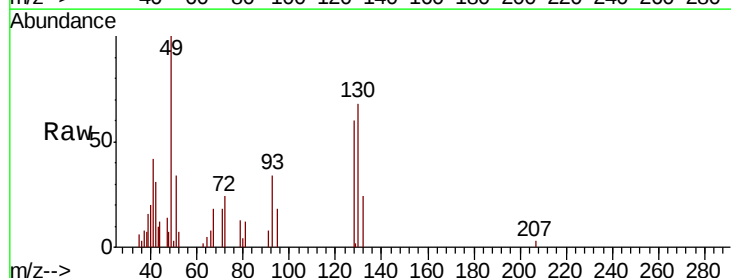
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



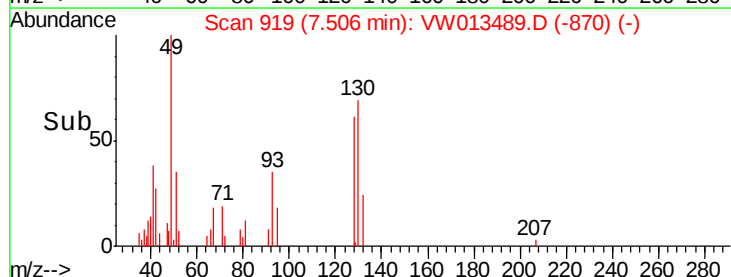
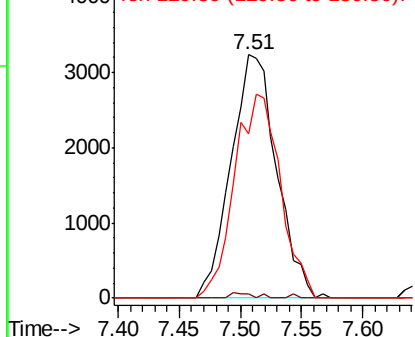
#28

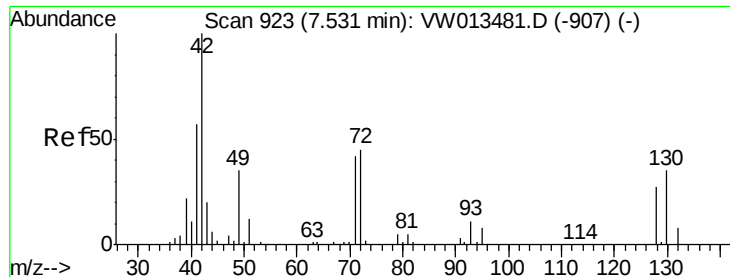
Bromochloromethane
Concen: 4.629 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 49 Resp: 8384
Ion Ratio Lower Upper
49 100
129 1.1 0.0 1.6
130 84.2 0.0 0.0#



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

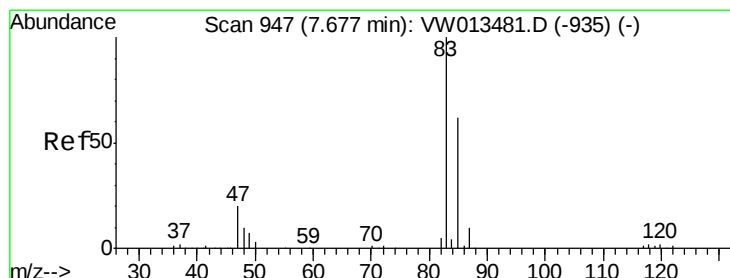
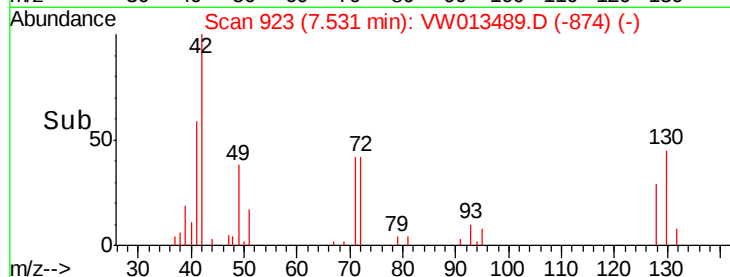
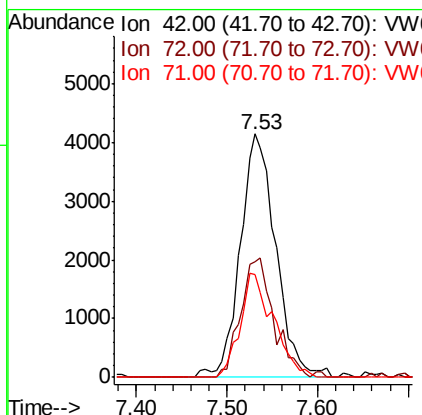
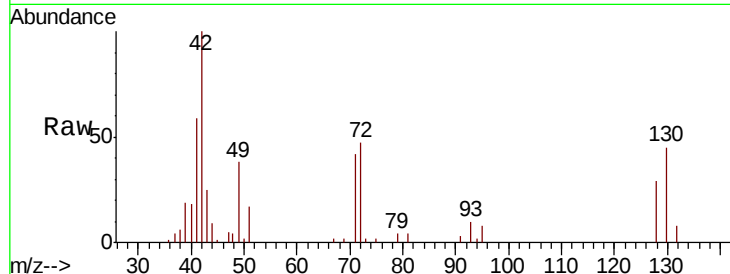




#29
Tetrahydrofuran
Concen: 20.845 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

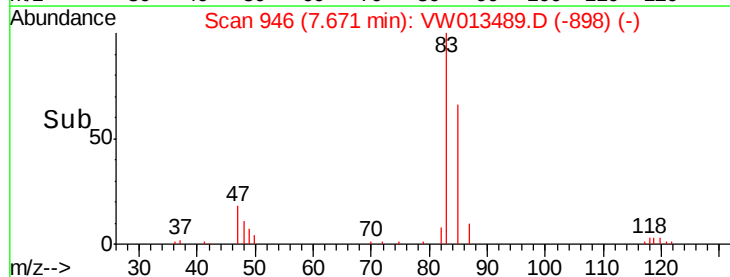
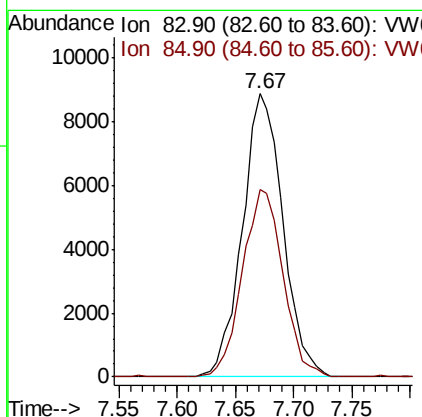
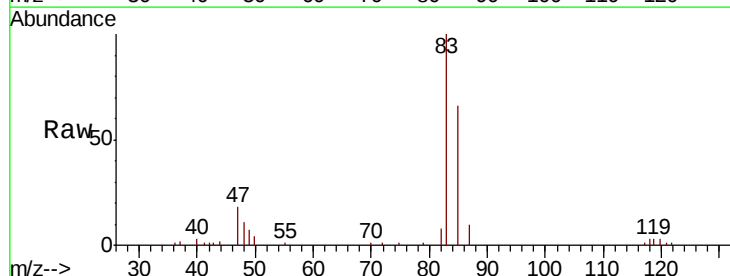
Instrument :
MSVOA_W
ClientSampled :

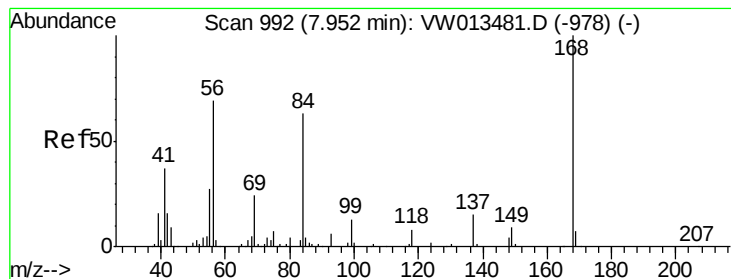
Tot Ion: 42 Resp: 11224
Ion Ratio Lower Upper
42 100
72 45.8 34.8 52.2
71 40.0 33.6 50.4



#30
Chloroform
Concen: 4.389 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 83 Resp: 21561
Ion Ratio Lower Upper
83 100
85 66.1 49.4 74.2





#31

Cyclohexane

Concen: 4.754 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampled :

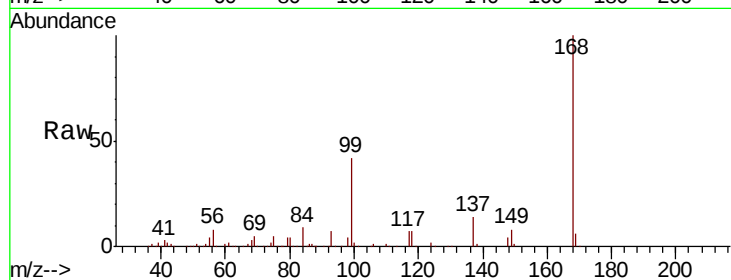
Tot Ion: 56 Resp: 25556

Ion Ratio Lower Upper

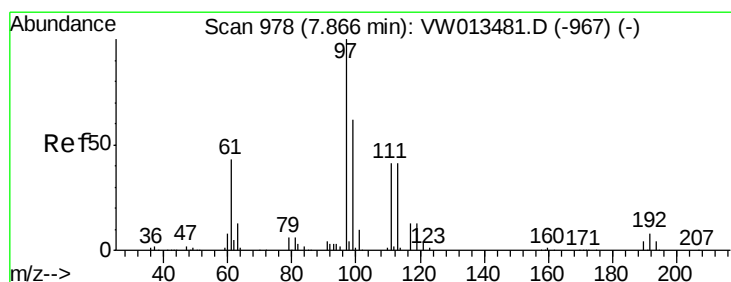
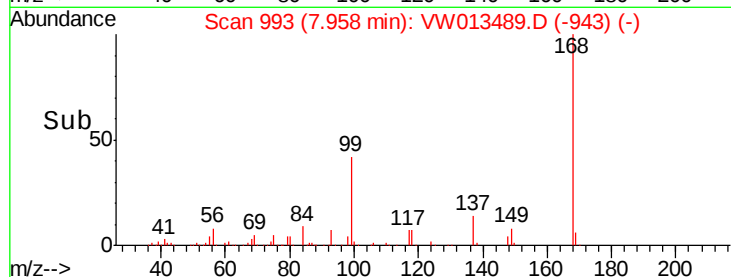
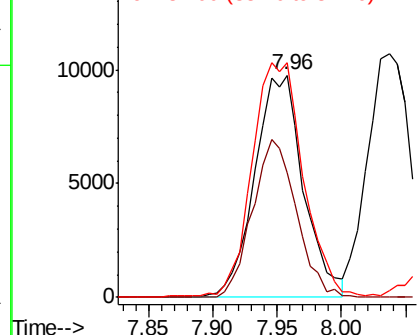
56 100

69 55.9 28.0 42.0#

84 104.5 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 4.062 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

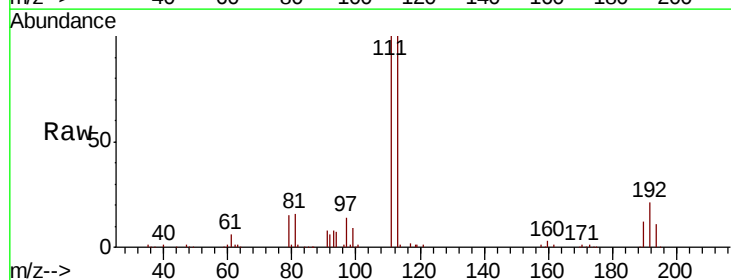
Tgt Ion: 97 Resp: 16220

Ion Ratio Lower Upper

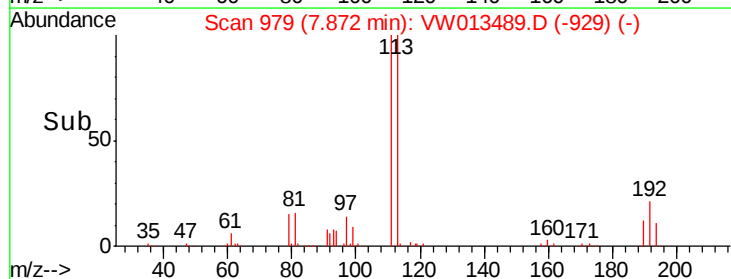
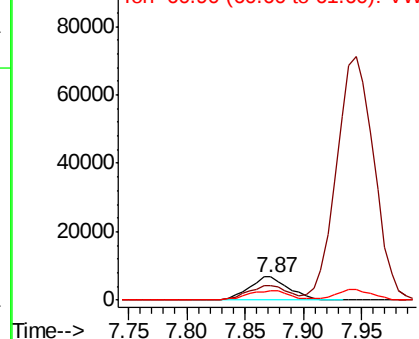
97 100

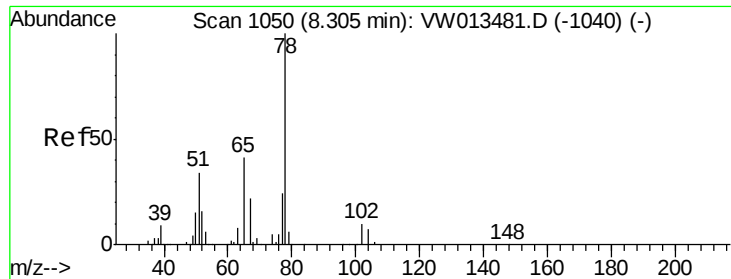
99 63.2 52.3 78.5

61 42.6 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 52.726 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

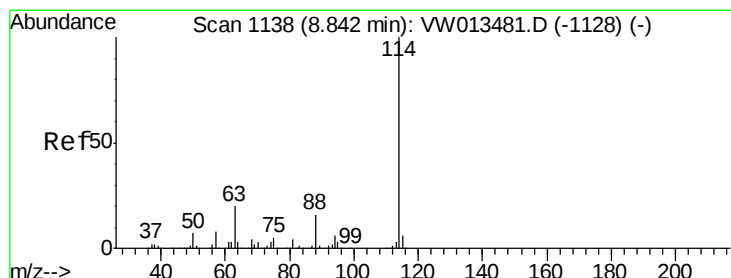
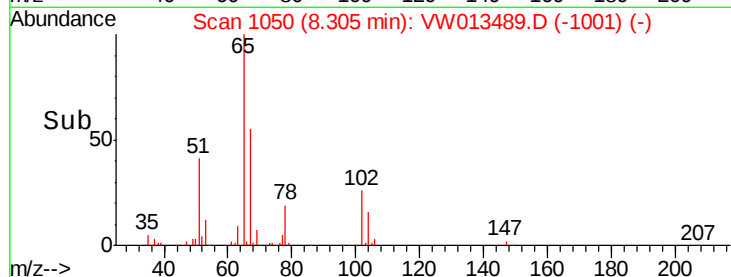
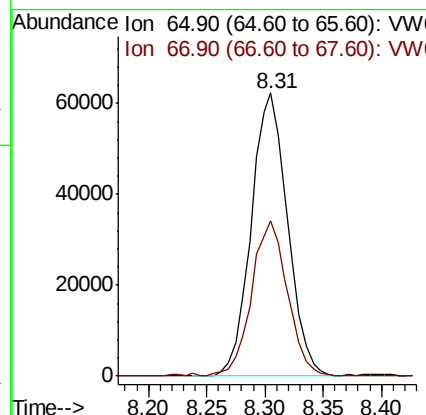
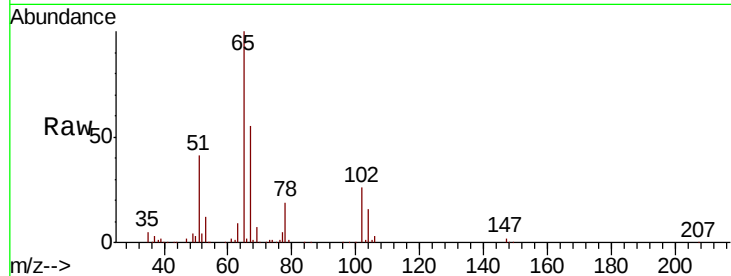
ClientSampleId :

Tot Ion: 65 Resp: 135445

Ion Ratio Lower Upper

65 100

67 54.5 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: VW013489.D

Acq: 08 Oct 2019 16:19

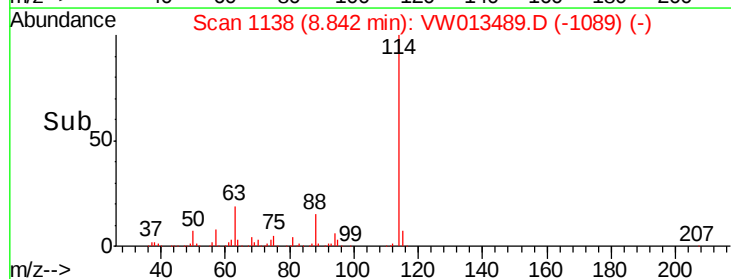
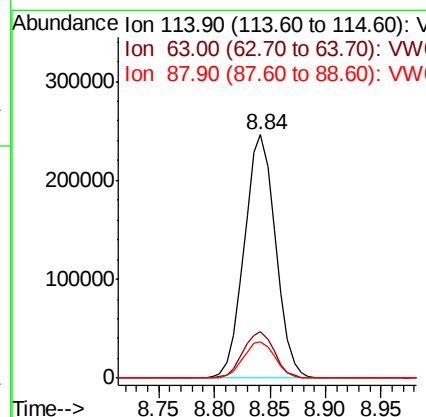
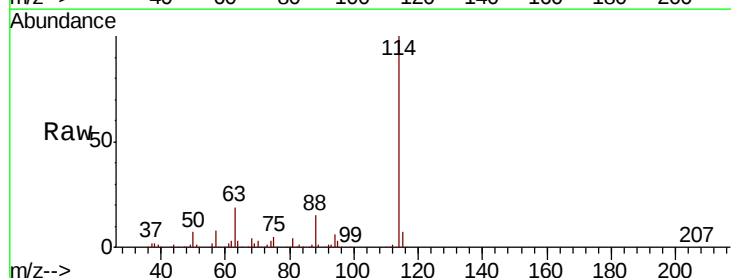
Tgt Ion: 114 Resp: 480866

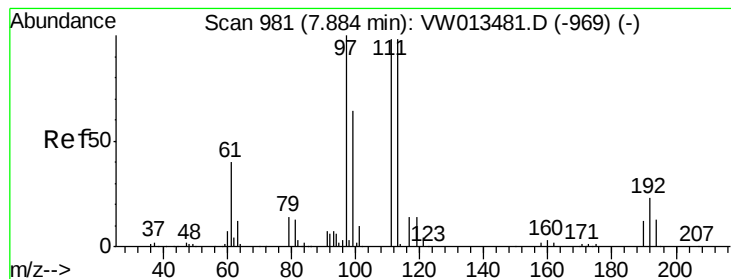
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.4

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.134 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :
MSVOA_W
ClientSampleId :

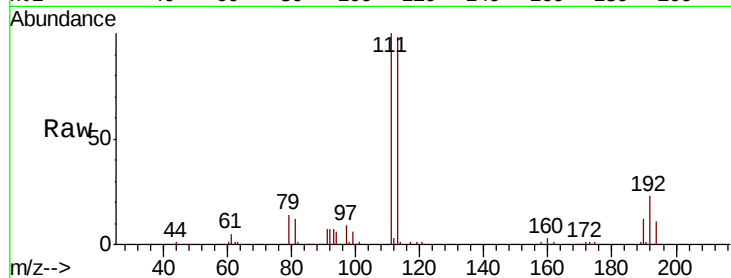
Tot Ion:113 Resp: 137331

Ion Ratio Lower Upper

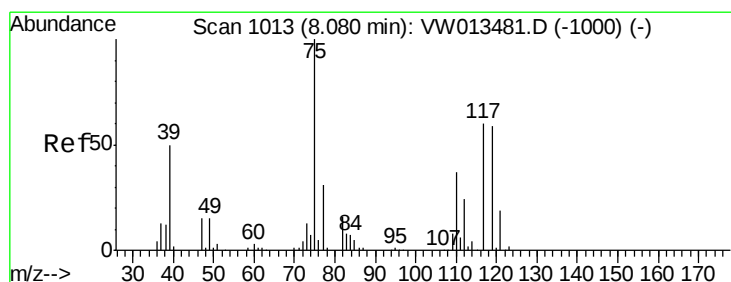
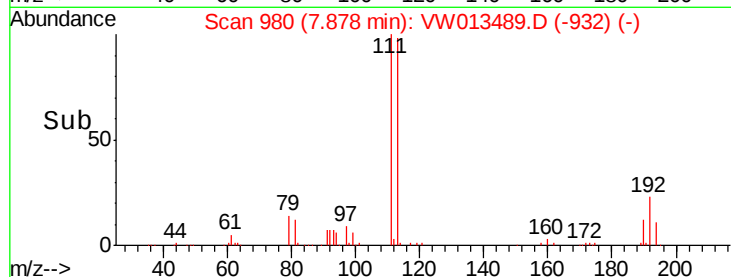
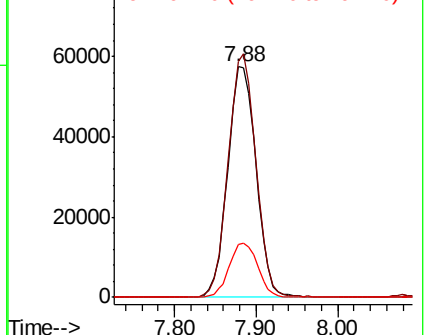
113 100

111 103.0 82.3 123.5

192 23.6 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.065 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

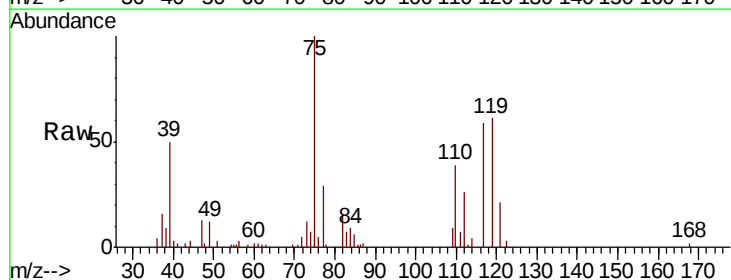
Tgt Ion: 75 Resp: 17683

Ion Ratio Lower Upper

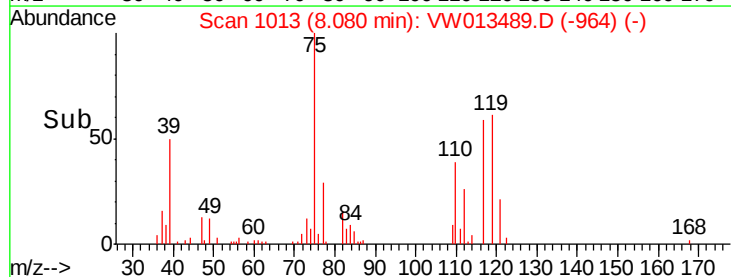
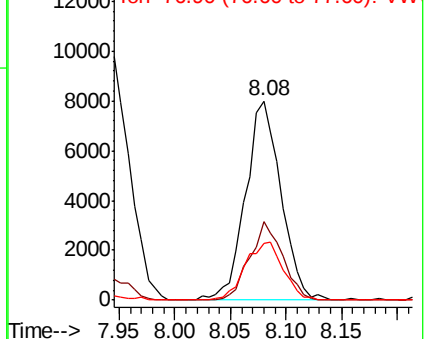
75 100

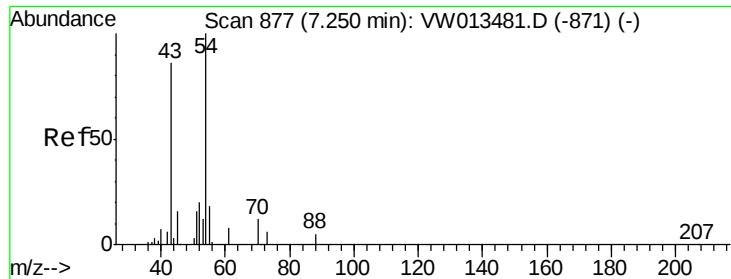
110 36.7 18.4 55.2

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

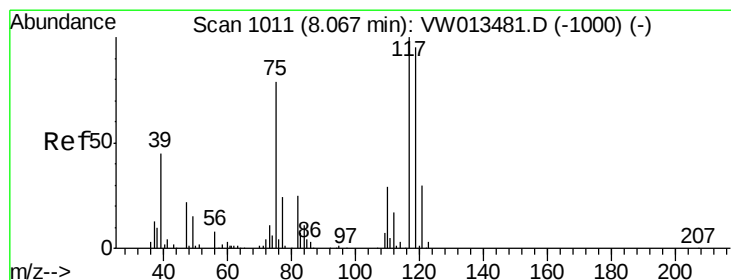
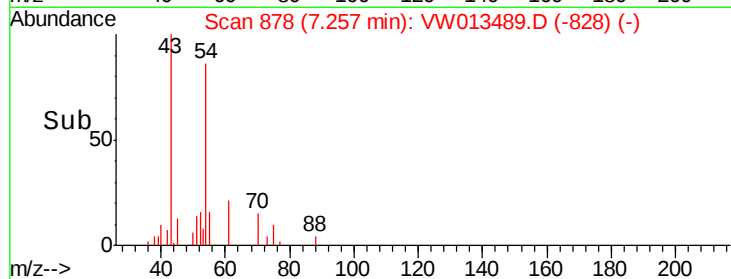
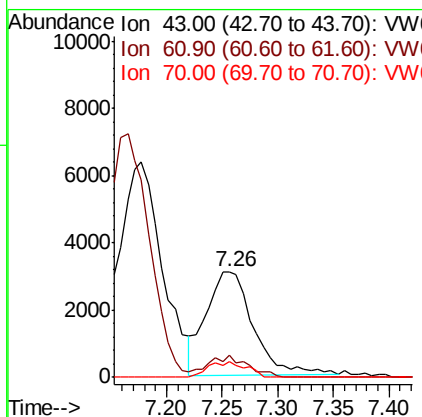
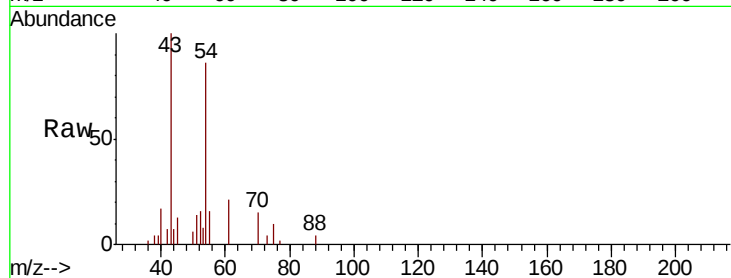




#37
Ethyl Acetate
Concen: 4.601 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

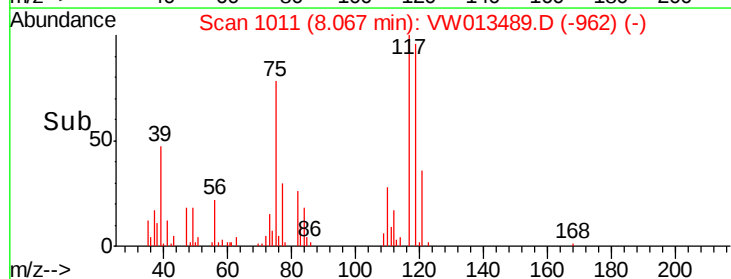
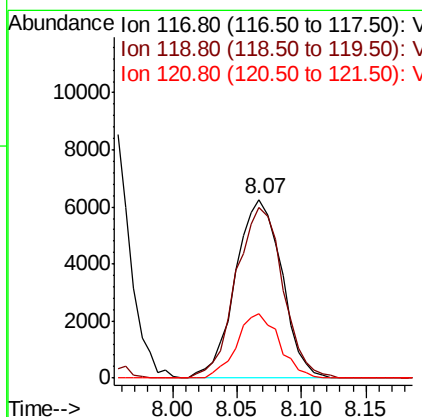
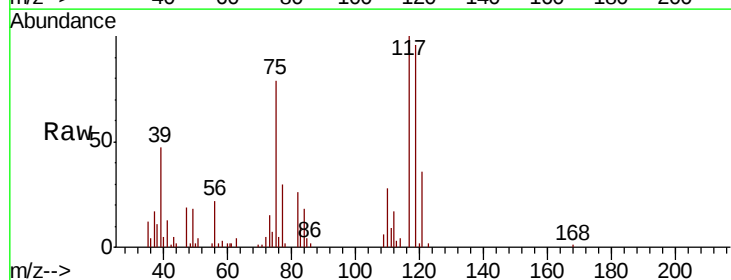
Instrument :
MSVOA_W
ClientSampled :

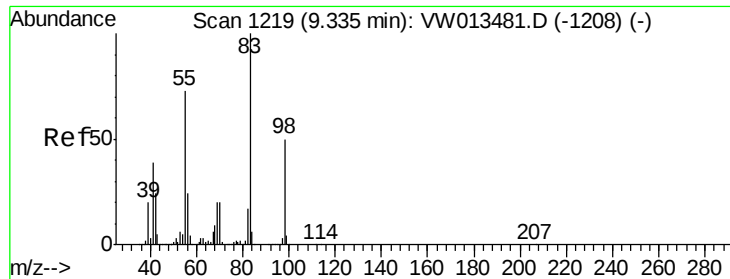
Tot Ion: 43 Resp: 9081
Ion Ratio Lower Upper
43 100
61 17.7 10.9 16.3#
70 12.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 4.053 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 117 Resp: 15628
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
121 36.4 23.6 35.4#

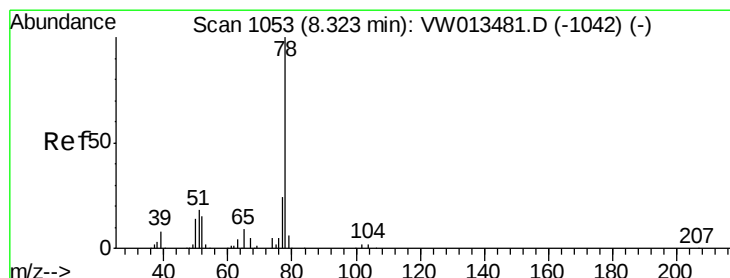
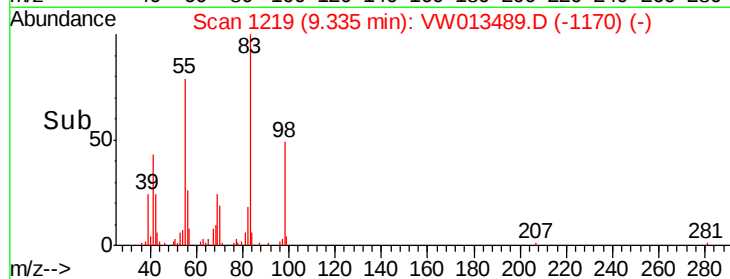
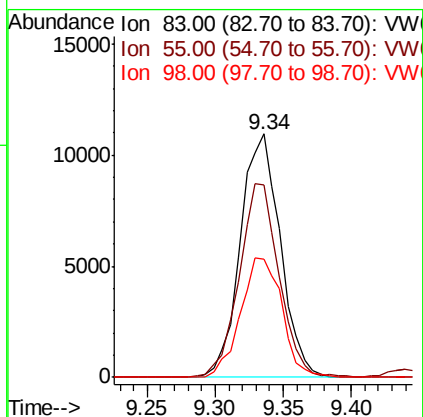
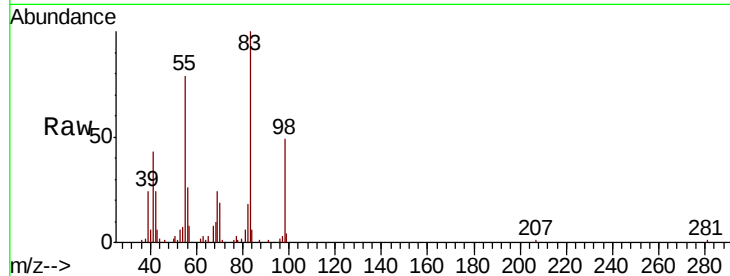




#39
Methvlcvclohexane
Concen: 3.975 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

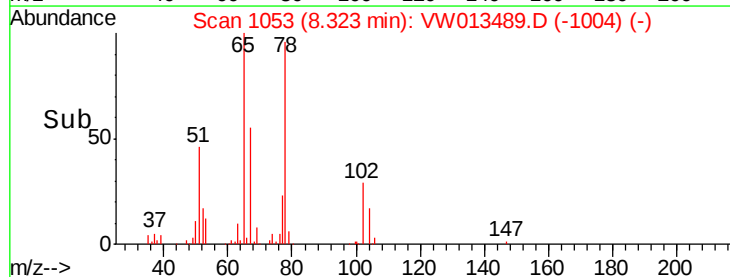
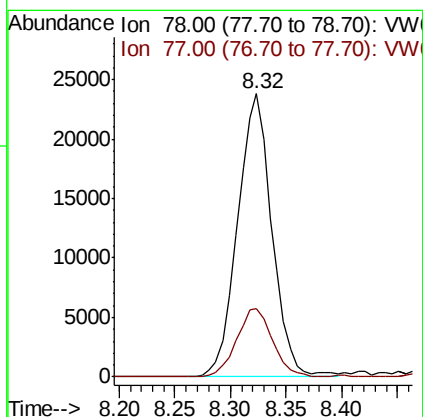
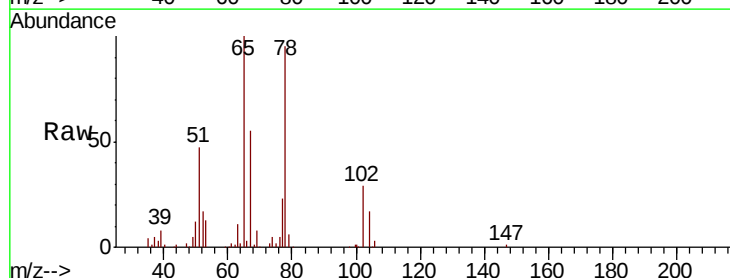
Instrument :
MSVOA_W
ClientSampleId :

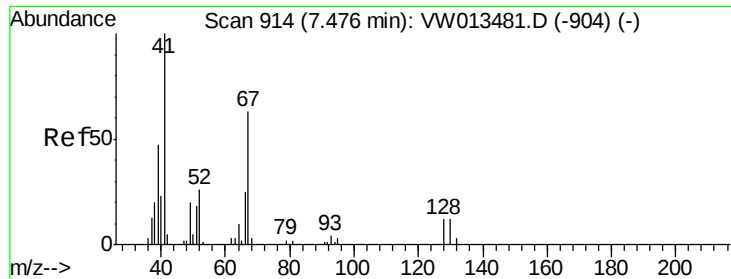
Tot Ion: 83 Resp: 22403
Ion Ratio Lower Upper
83 100
55 78.9 58.2 87.4
98 48.6 39.8 59.6



#40
Benzene
Concen: 4.185 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 78 Resp: 50823
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

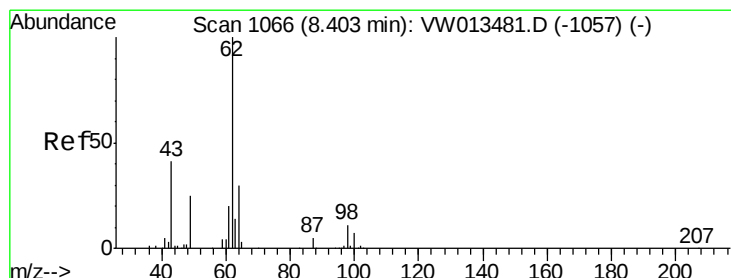
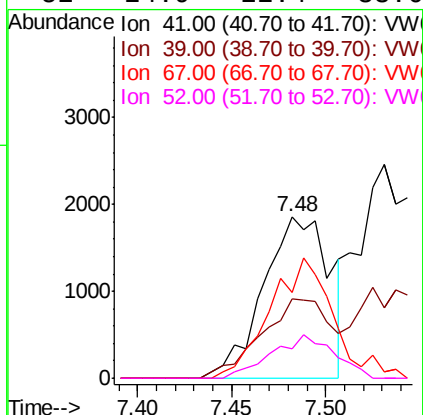
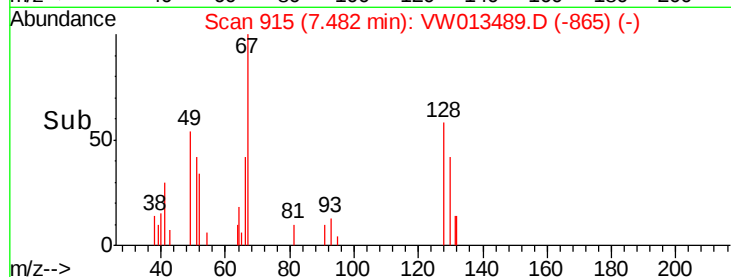
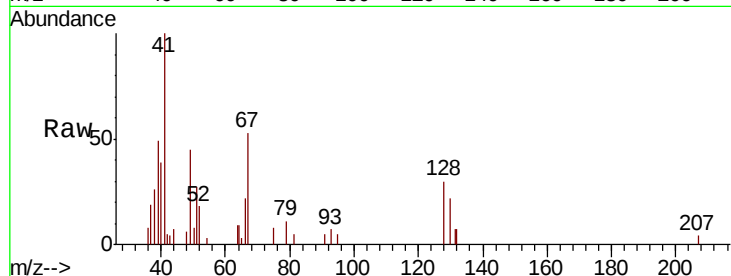




#41
Methacrylonitrile
Concen: 4.079 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

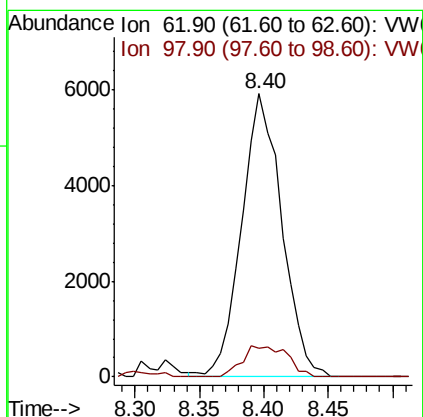
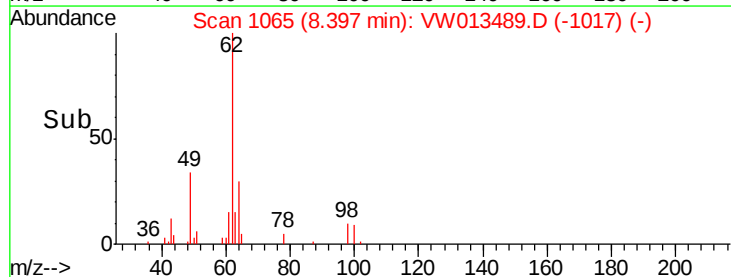
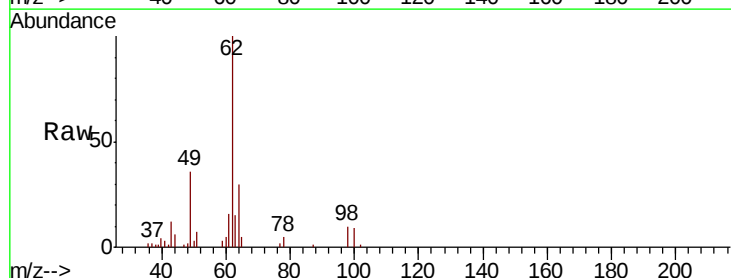
Instrument :
MSVOA_W
ClientSampled :

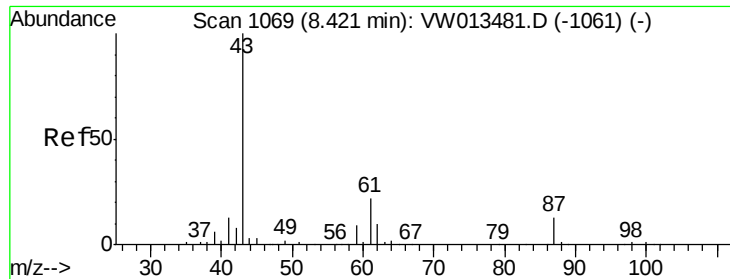
Tot Ion:	41	Resp:	4578
Ion	Ratio	Lower	Upper
41	100		
39	50.3	39.4	59.0
67	70.6	57.0	85.6
52	24.9	22.4	33.6



#42
1,2-Dichloroethane
Concen: 4.183 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion:	62	Resp:	12839
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	21.4





#43

Isopropyl Acetate

Concen: 4.004 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

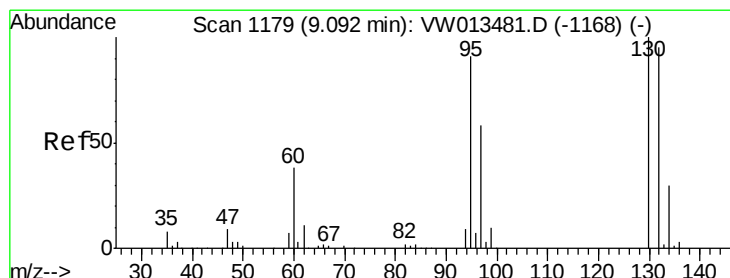
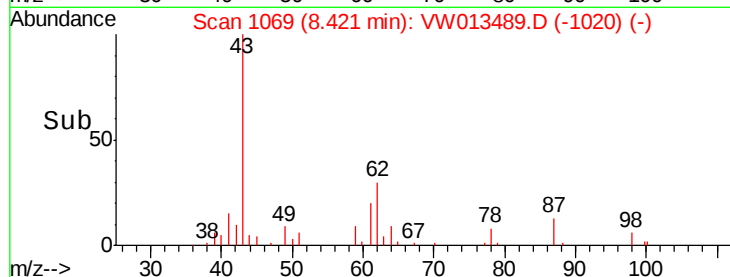
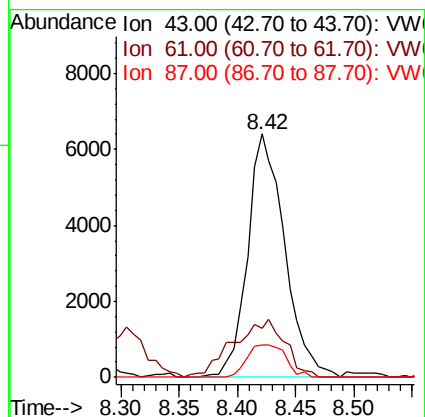
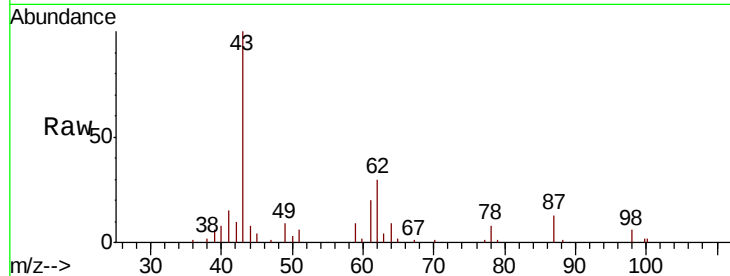
Tot Ion: 43 Resp: 14276

Ion Ratio Lower Upper

43 100

61 33.0 25.4 38.2

87 13.8 10.8 16.2



#44

Trichloroethene

Concen: 4.262 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013489.D

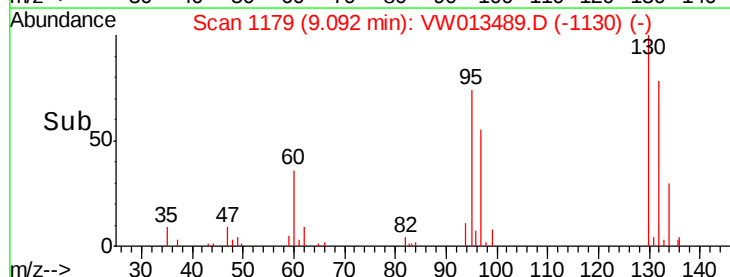
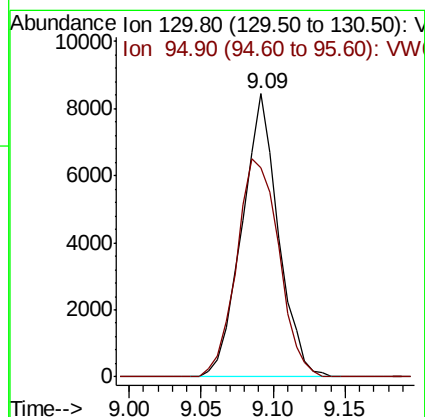
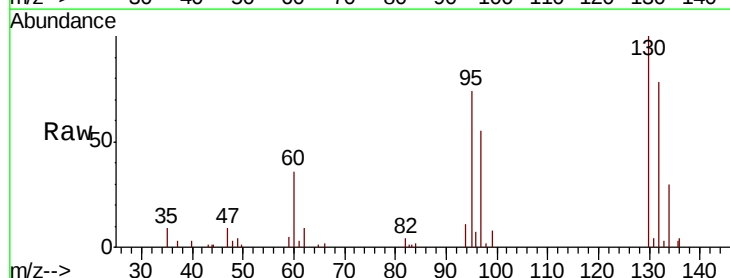
Acq: 08 Oct 2019 16:19

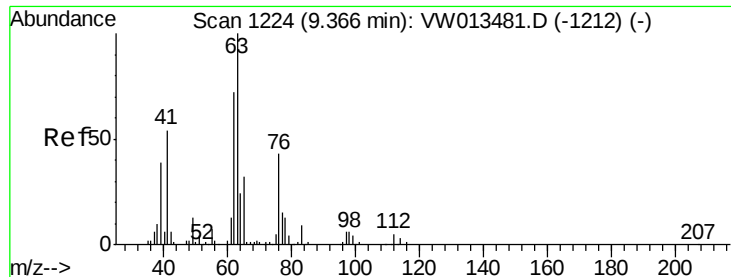
Tgt Ion: 130 Resp: 14763

Ion Ratio Lower Upper

130 100

95 74.1 0.0 182.2

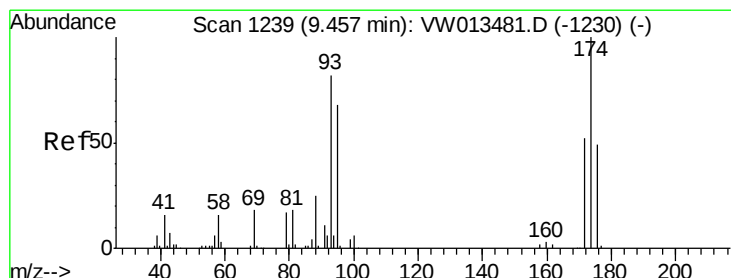
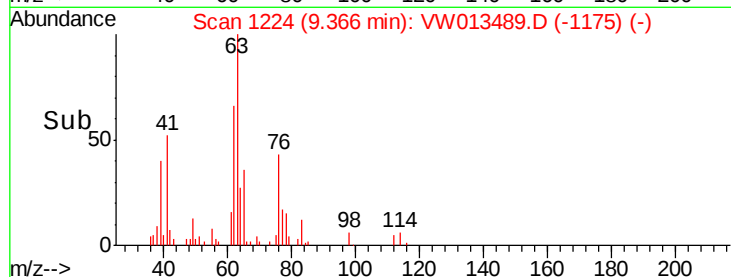
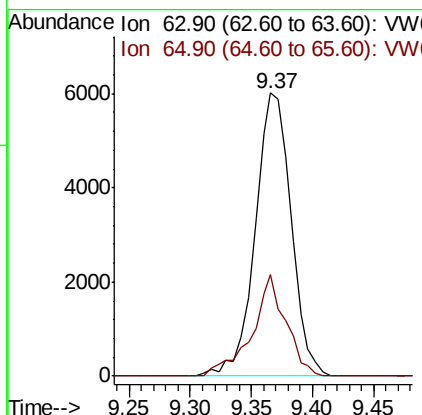
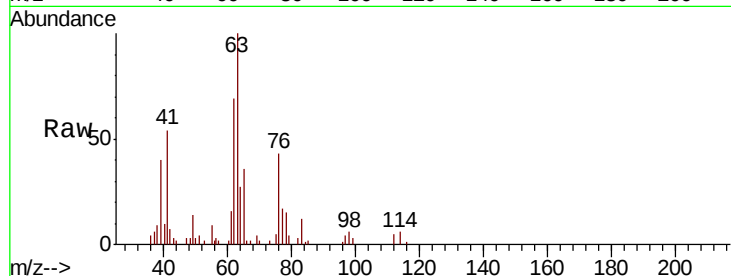




#45
 1,2-Dichloropropane
 Concen: 4.233 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

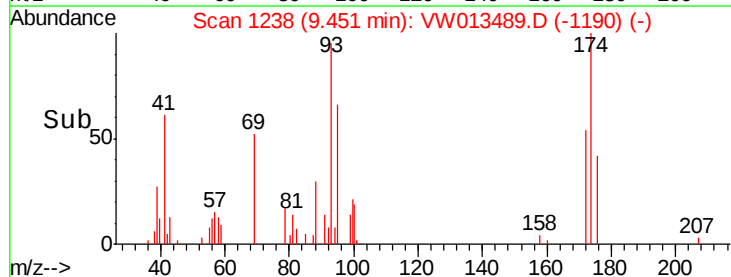
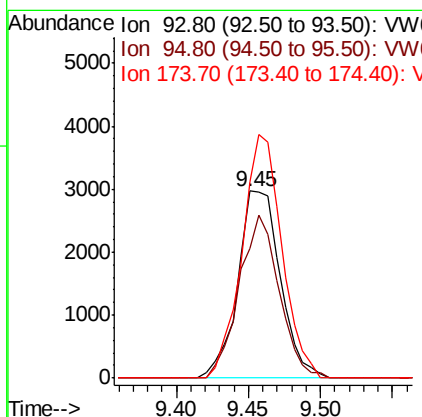
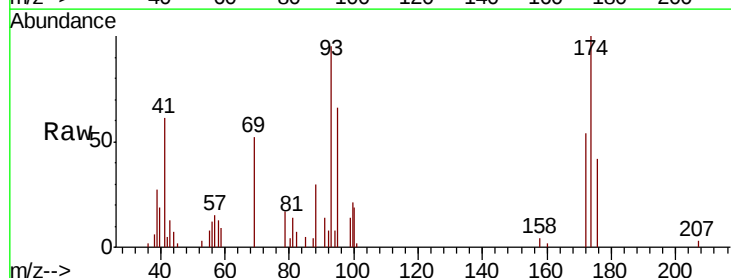
Instrument :
 MSVOA_W
 ClientSampled :

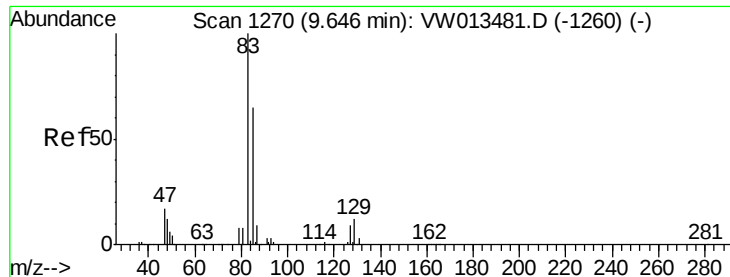
Tot Ion: 63 Resp: 12338
 Ion Ratio Lower Upper
 63 100
 65 35.7 25.8 38.6



#46
 Dibromomethane
 Concen: 4.185 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion: 93 Resp: 6077
 Ion Ratio Lower Upper
 93 100
 95 81.9 68.0 102.0
 174 122.3 97.0 145.6





#47

Bromodichloromethane

Concen: 4.220 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

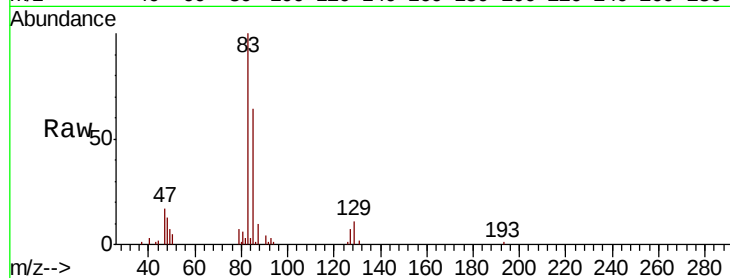
Tot Ion: 83 Resp: 15231

Ion Ratio Lower Upper

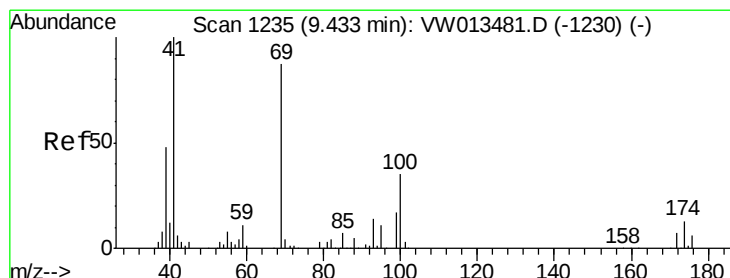
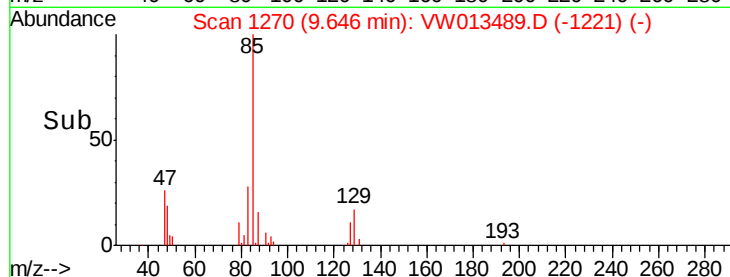
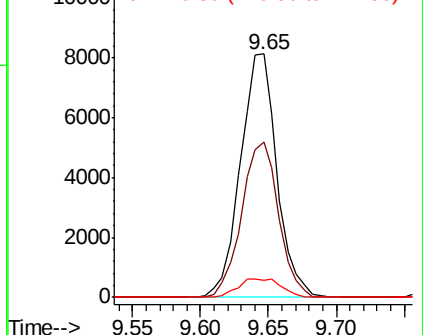
83 100

85 63.7 51.9 77.9

127 7.1 7.4 11.2#



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



#48

Methyl methacrylate

Concen: 4.330 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

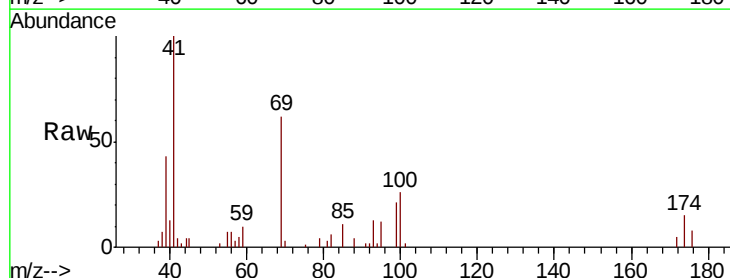
Tgt Ion: 41 Resp: 7606

Ion Ratio Lower Upper

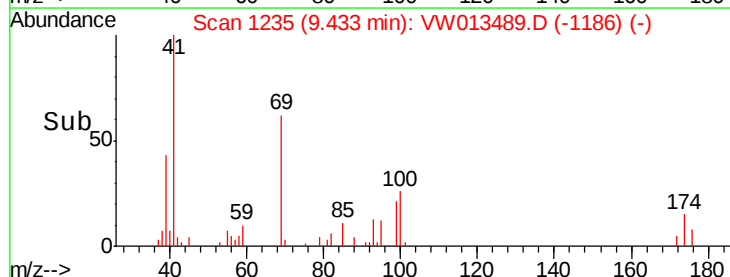
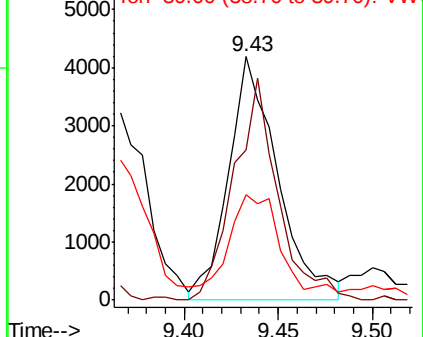
41 100

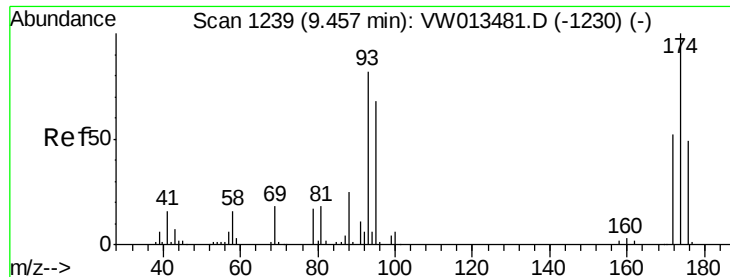
69 81.2 70.4 105.6

39 40.0 37.3 55.9



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

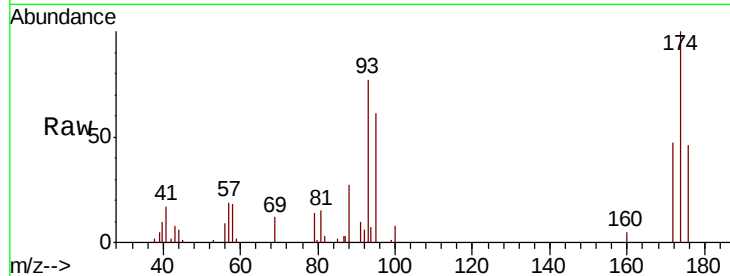




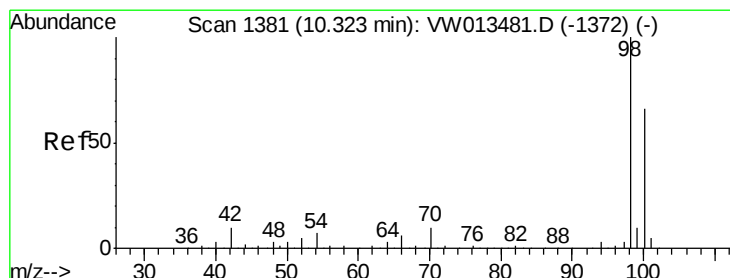
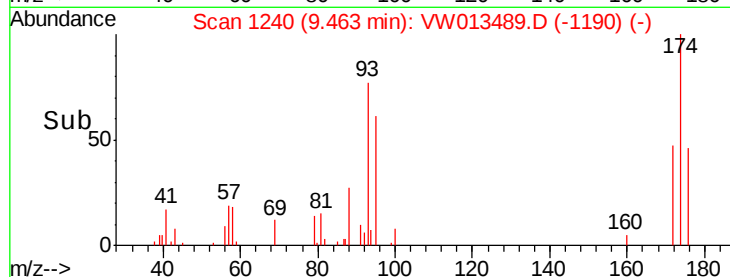
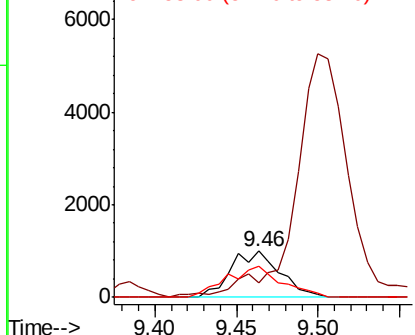
#49
1,4-Dioxane
Concen: 81.664 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 2082
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.9 60.0 90.0

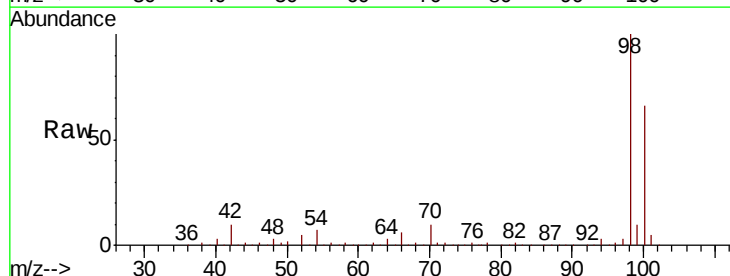


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

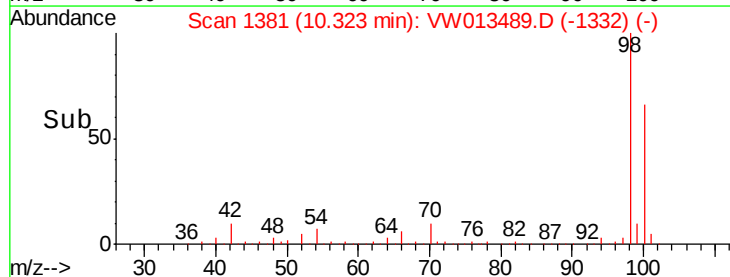
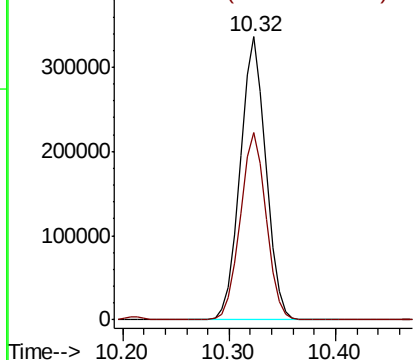


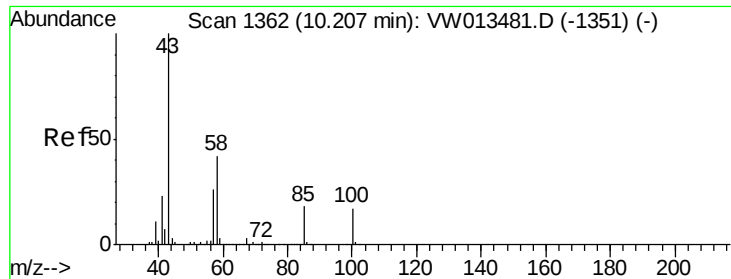
#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 98 Resp: 570294
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

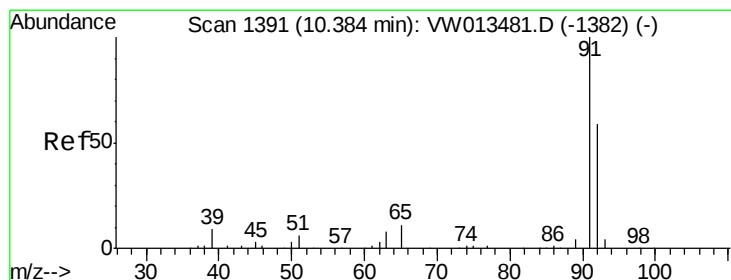
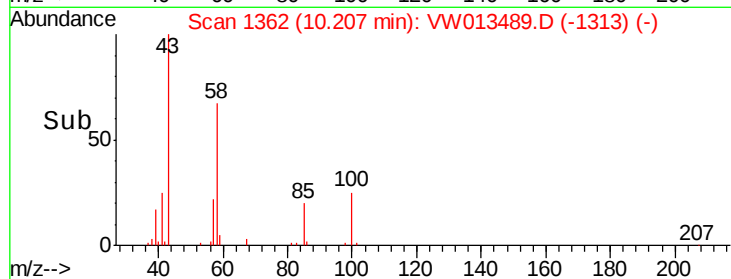
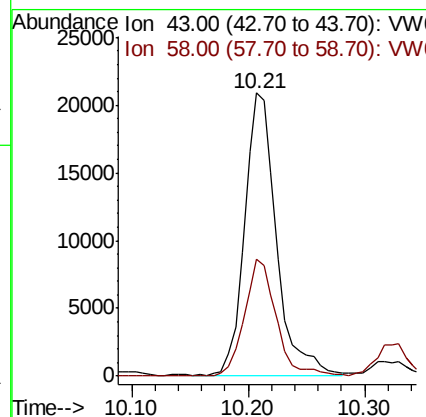
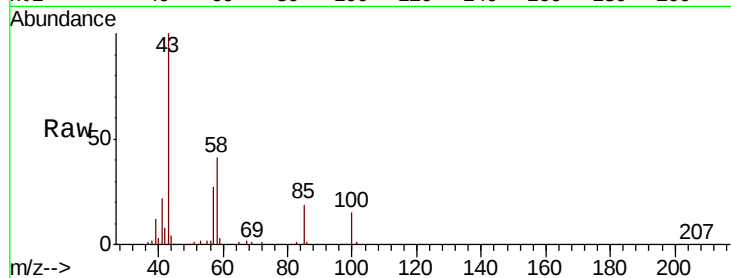




#51
 4-Methyl-2-Pentanone
 Concen: 21.393 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

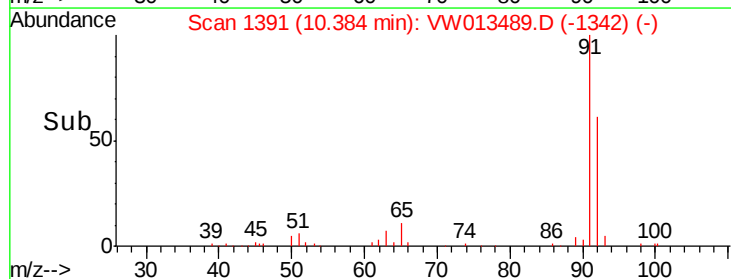
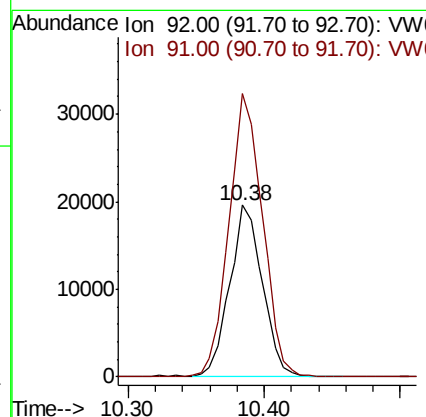
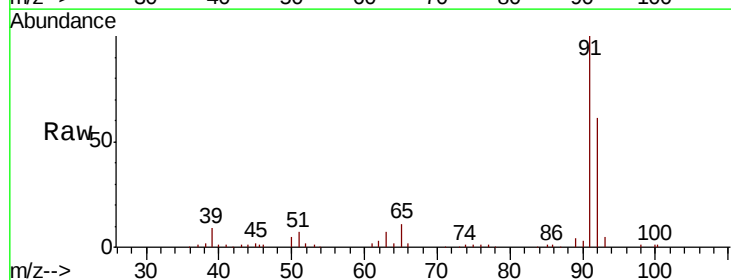
Instrument :
 MSVOA_W
 ClientSampled :

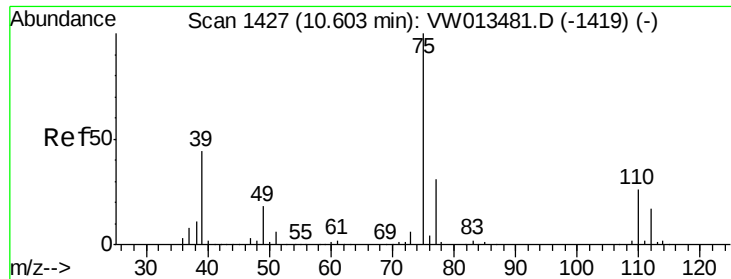
Tot Ion: 43 Resp: 40104
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.8 49.2



#52
 Toluene
 Concen: 4.200 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion: 92 Resp: 32848
 Ion Ratio Lower Upper
 92 100
 91 169.2 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 3.898 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

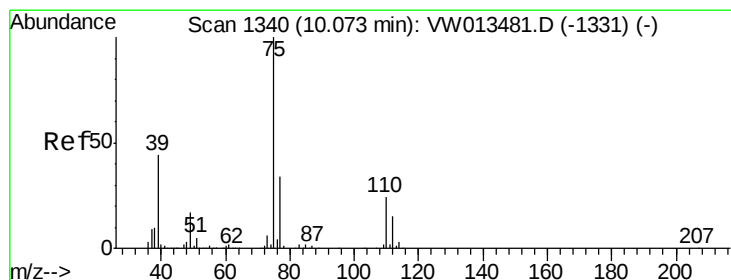
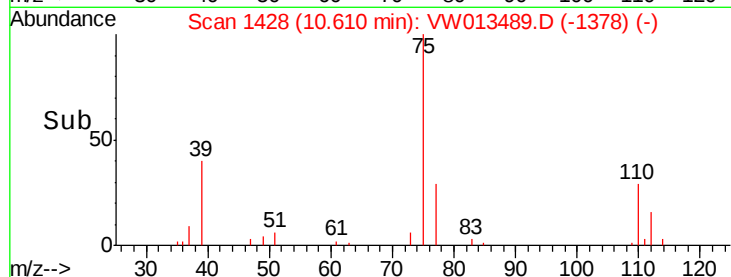
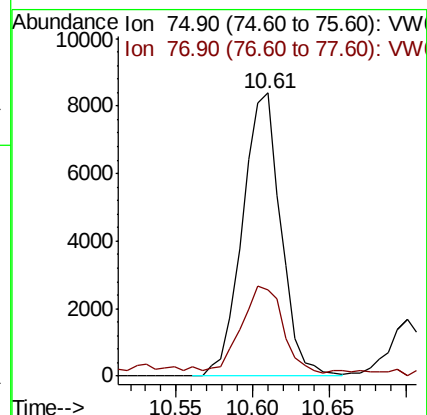
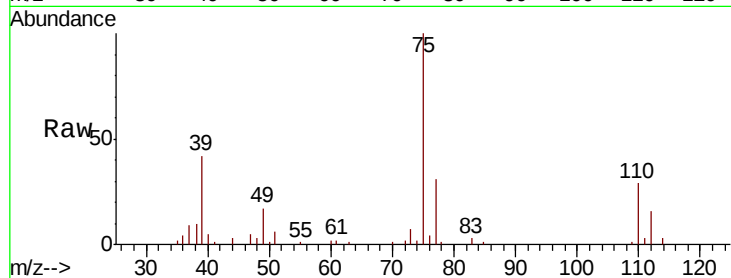
ClientSampleId :

Tot Ion: 75 Resp: 14618

Ion Ratio Lower Upper

75 100

77 28.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 3.900 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

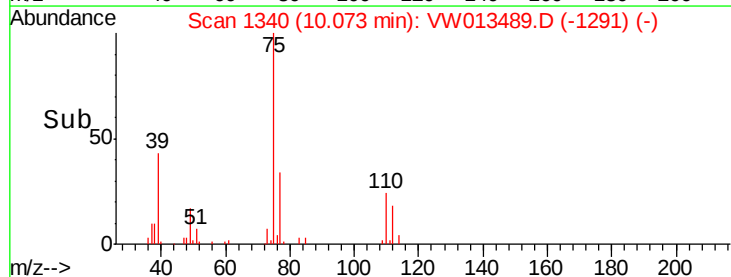
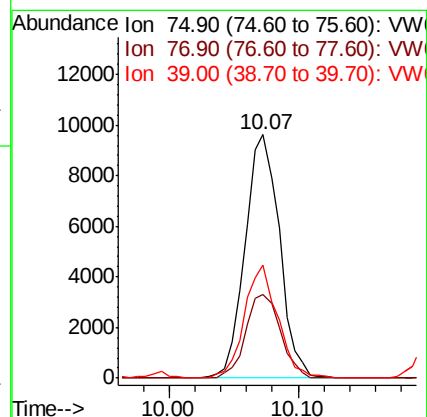
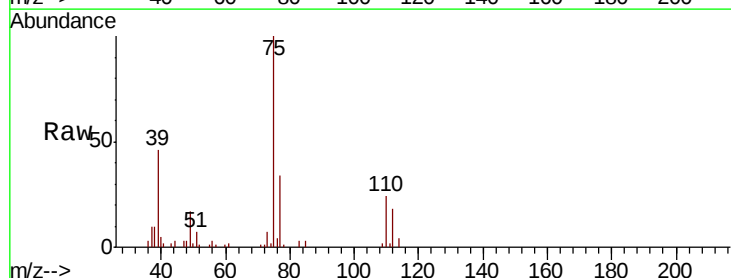
Tgt Ion: 75 Resp: 17720

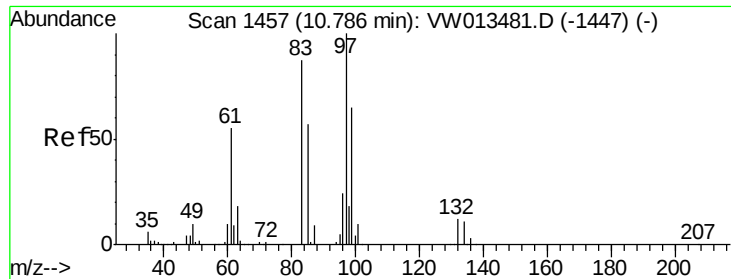
Ion Ratio Lower Upper

75 100

77 34.2 27.0 40.4

39 46.2 35.0 52.4

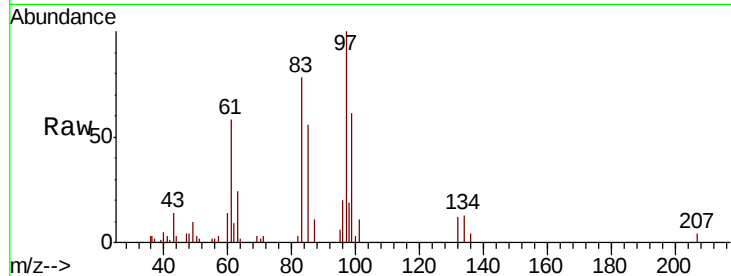




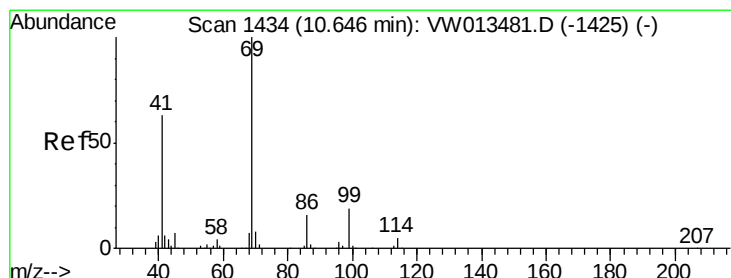
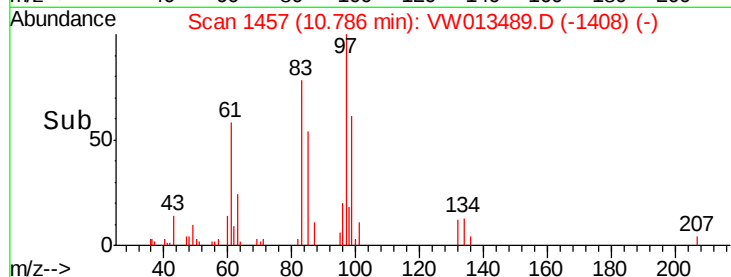
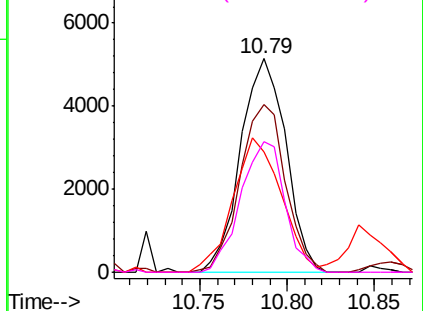
#55
 1,1,2-Trichloroethane
 Concen: 4.251 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 9265
 Ion Ratio Lower Upper
 97 100
 83 78.2 69.8 104.8
 85 56.1 45.4 68.0
 99 61.0 51.9 77.9

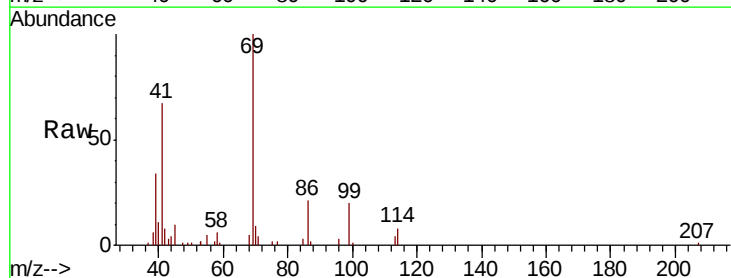


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

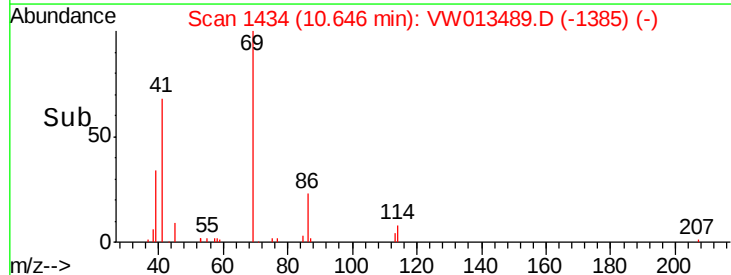
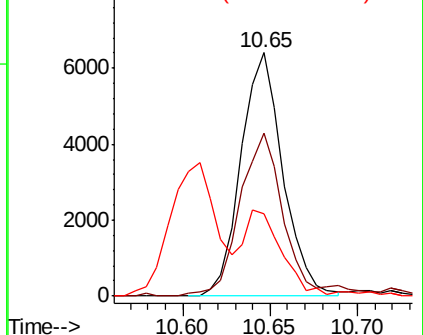


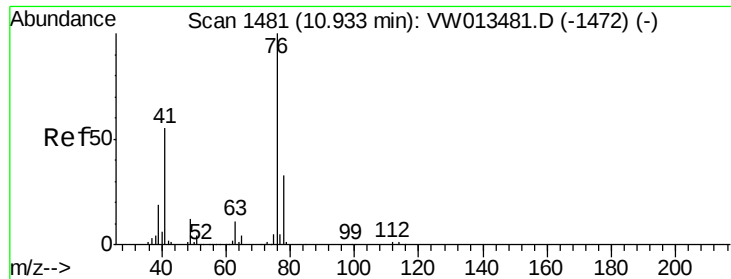
#56
 Ethyl methacrylate
 Concen: 3.647 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion: 69 Resp: 10706
 Ion Ratio Lower Upper
 69 100
 41 71.4 51.8 77.6
 39 29.9 21.7 32.5



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

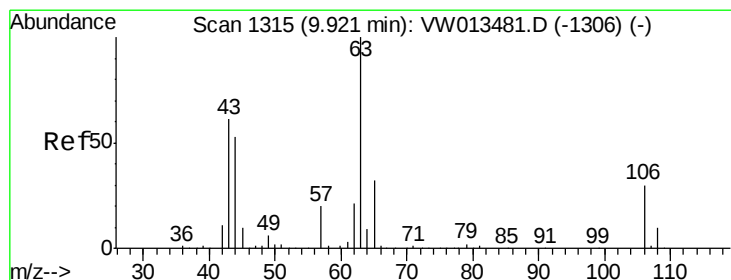
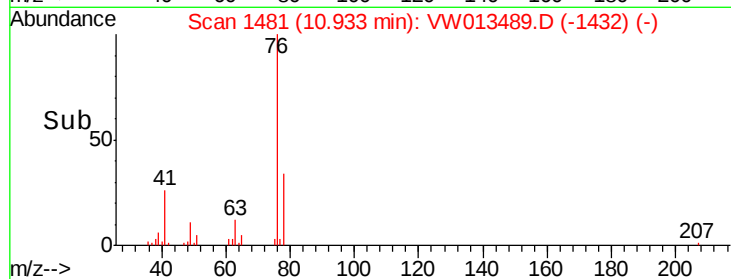
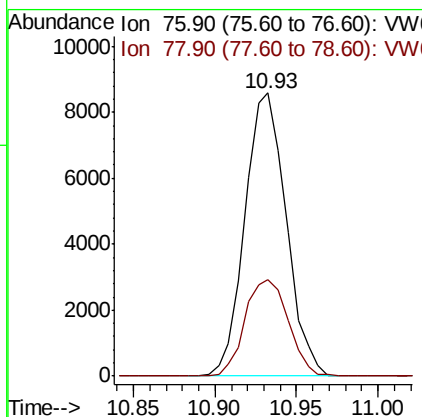
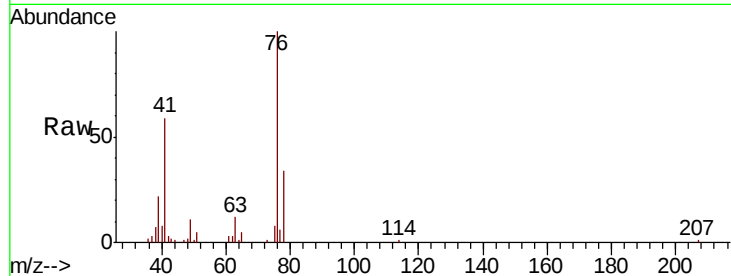




#57
 1,3-Dichloropropane
 Concen: 4.036 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

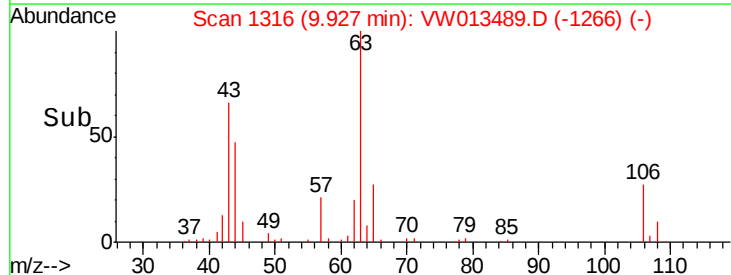
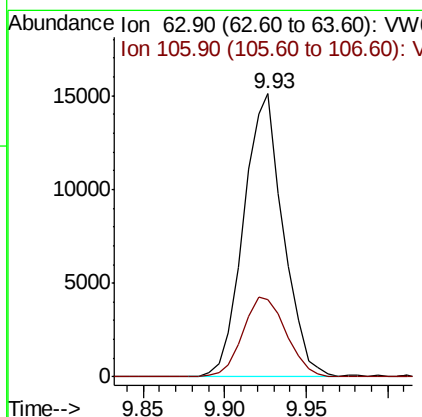
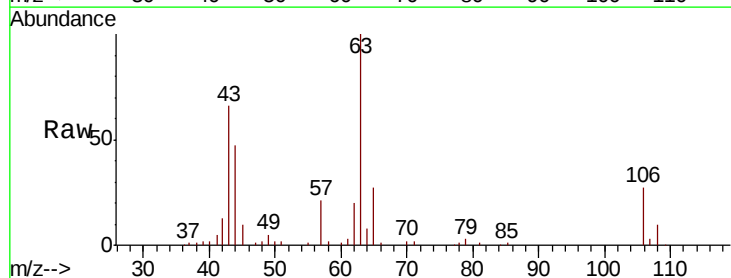
Instrument :
 MSVOA_W
 ClientSampled :

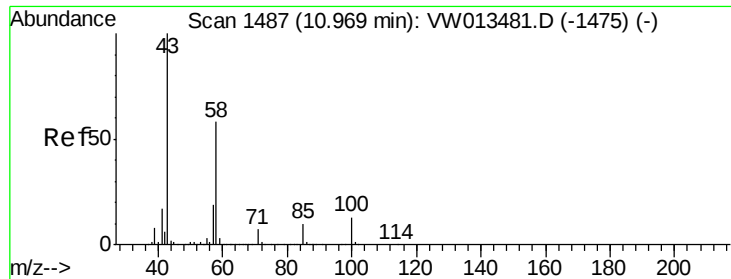
Tot Ion: 76 Resp: 15102
 Ion Ratio Lower Upper
 76 100
 78 35.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 18.350 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion: 63 Resp: 25411
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.5 36.7

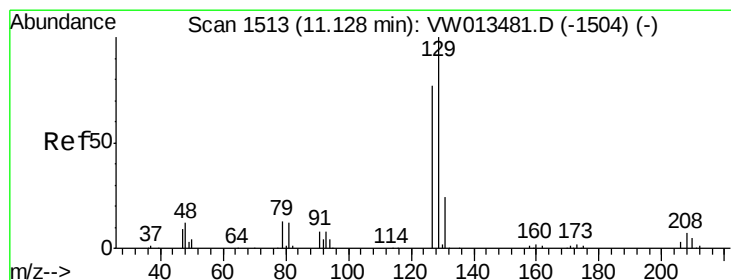
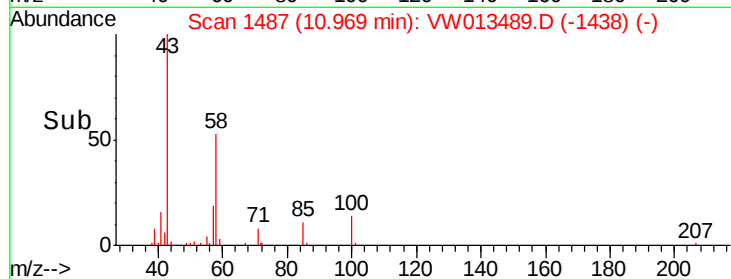
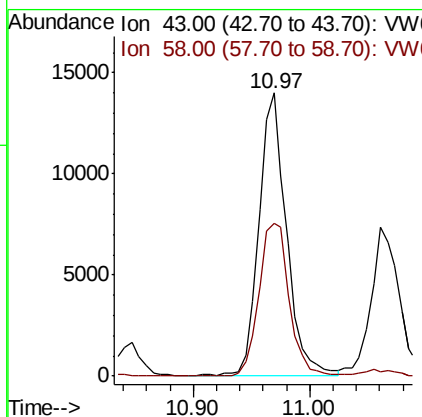
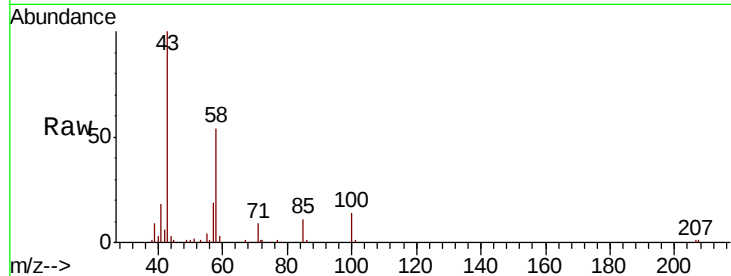




#59
2-Hexanone
Concen: 18.035 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

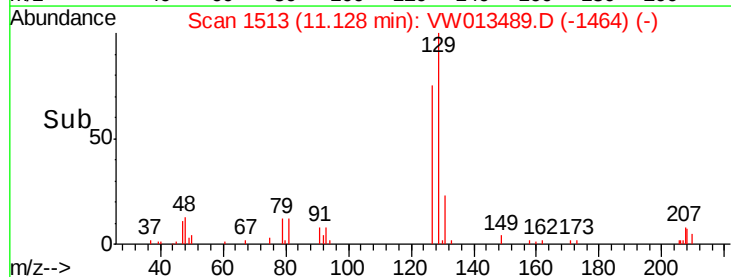
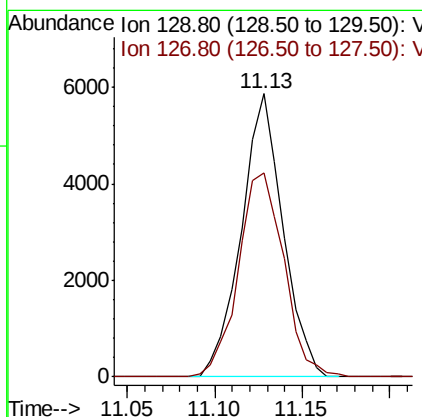
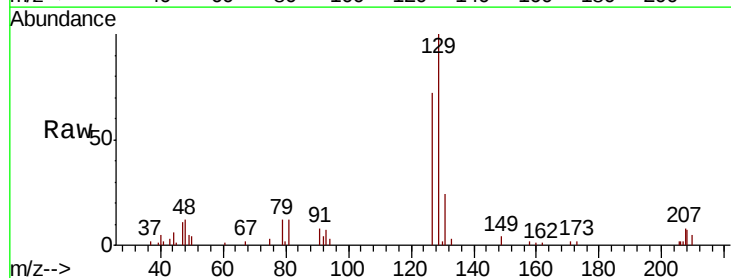
Instrument :
MSVOA_W
ClientSampleId :

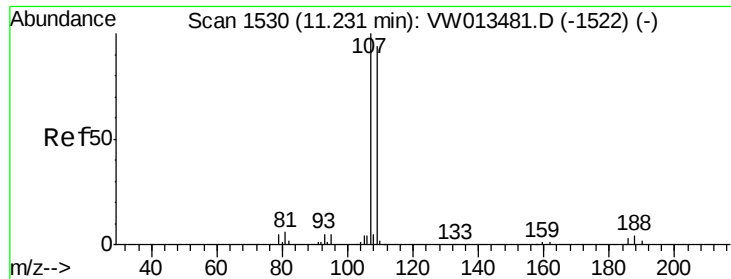
Tot Ion: 43 Resp: 23184
Ion Ratio Lower Upper
43 100
58 59.1 28.4 85.2



#60
Dibromochloromethane
Concen: 3.876 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 129 Resp: 9714
Ion Ratio Lower Upper
129 100
127 78.7 37.4 112.1

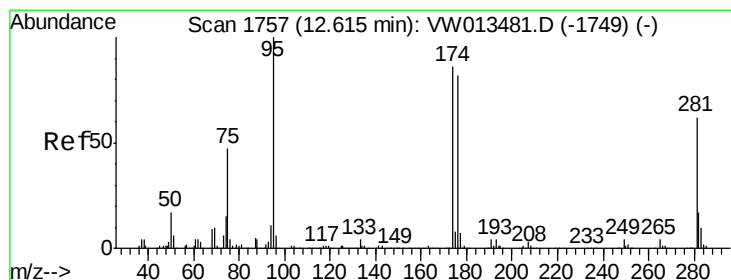
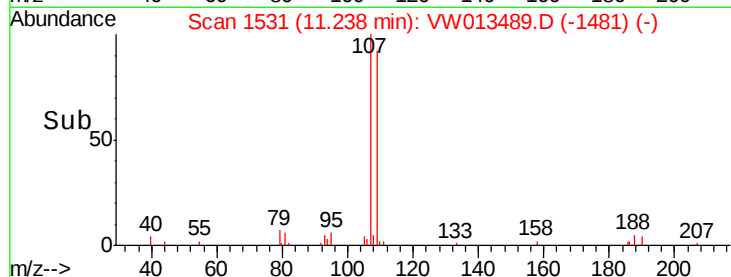
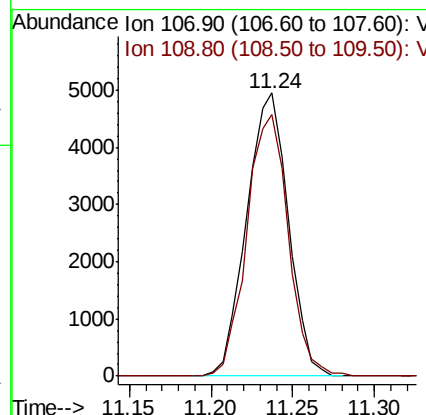
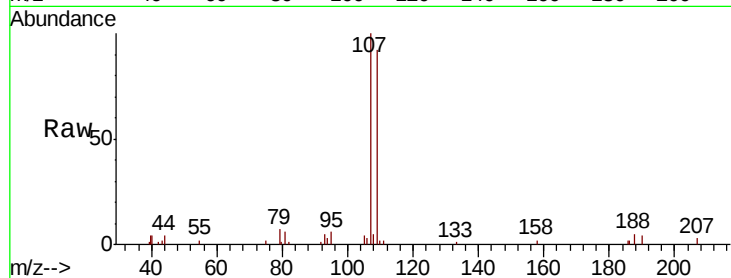




#61
 1,2-Dibromoethane
 Concen: 4.264 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

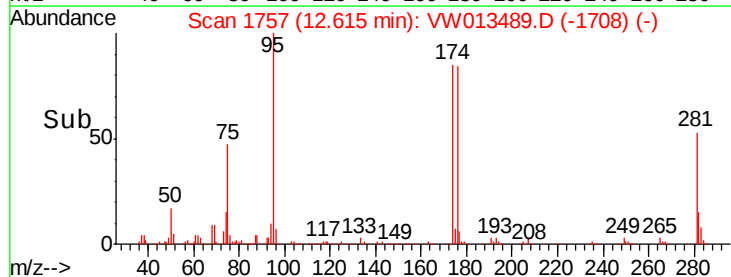
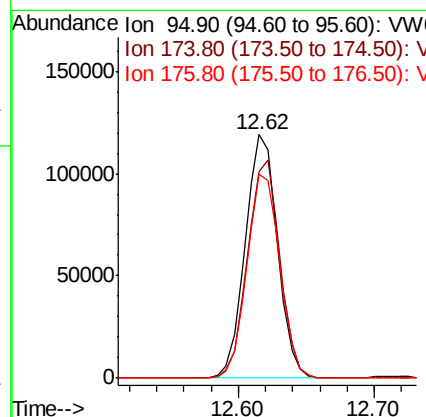
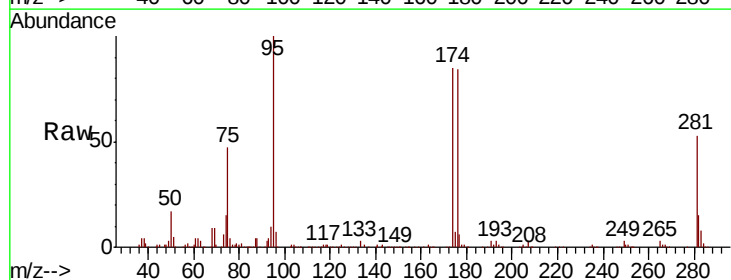
Instrument :
 MSVOA_W
 ClientSampled :

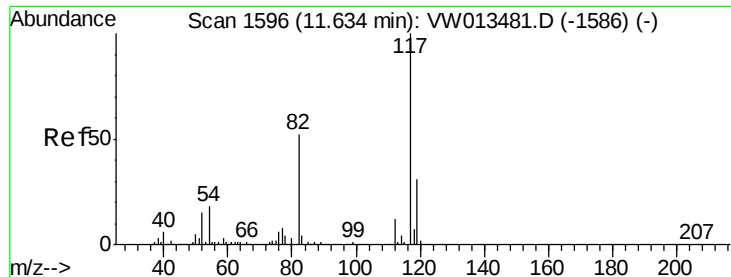
Tot Ion: 107 Resp: 8839
 Ion Ratio Lower Upper
 107 100
 109 91.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.992 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion: 95 Resp: 197130
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 177.4
 176 85.7 0.0 173.4

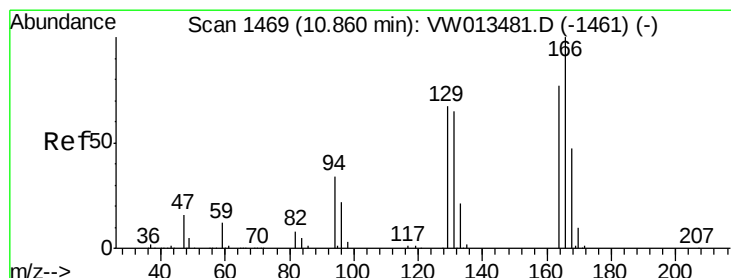
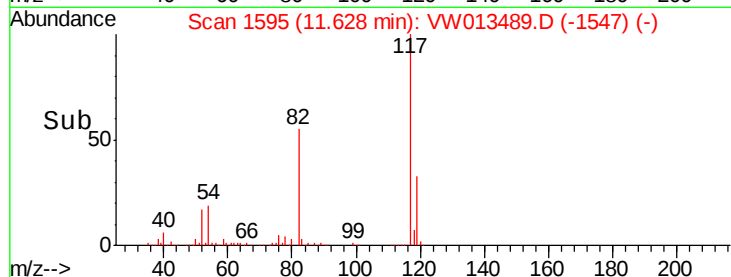
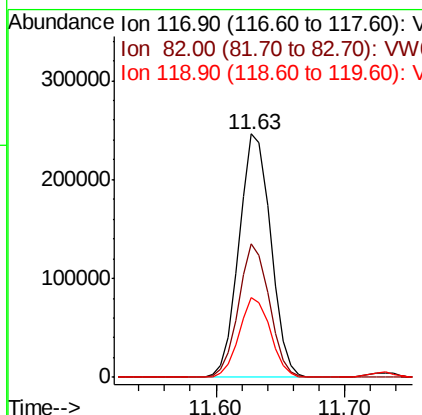
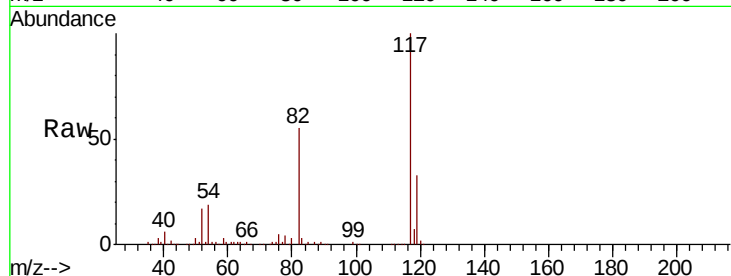




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

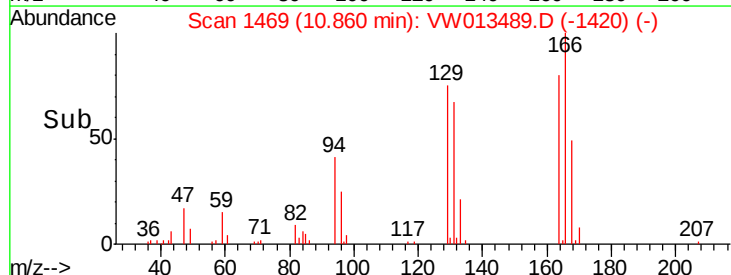
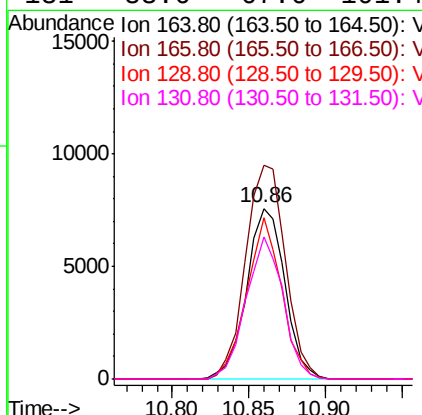
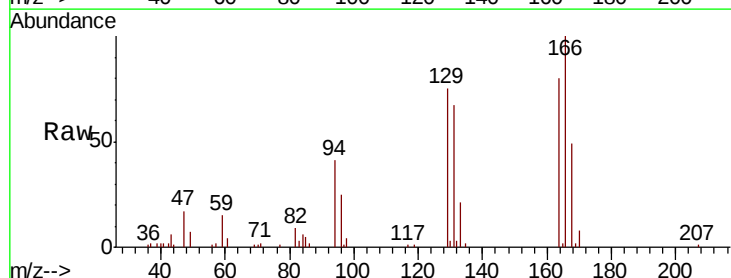
Instrument :
MSVOA_W
ClientSampleId :

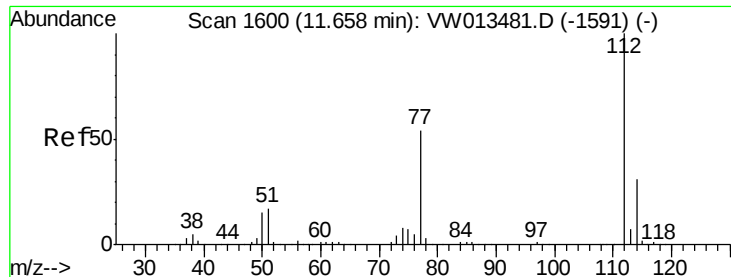
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.4	62.2
119	32.7	25.1	37.7



#64
Tetrachloroethene
Concen: 4.257 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	104.6	156.8
129	94.4	70.2	105.2
131	83.6	67.6	101.4

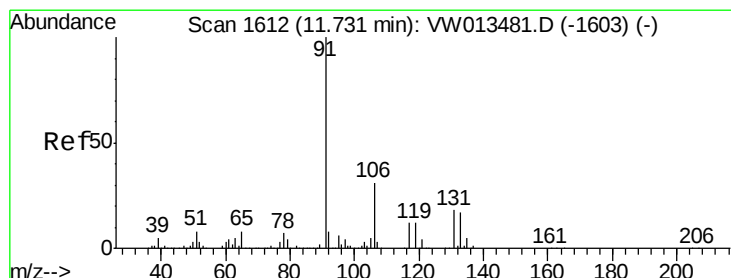
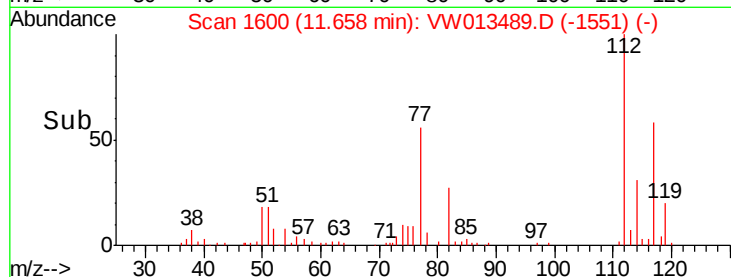
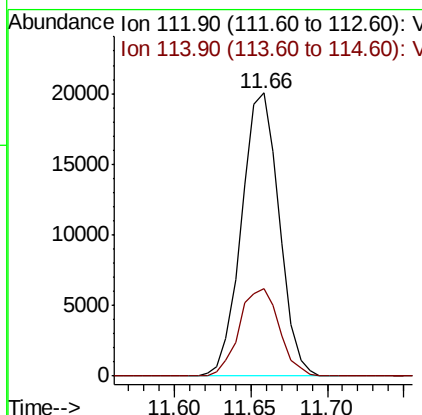
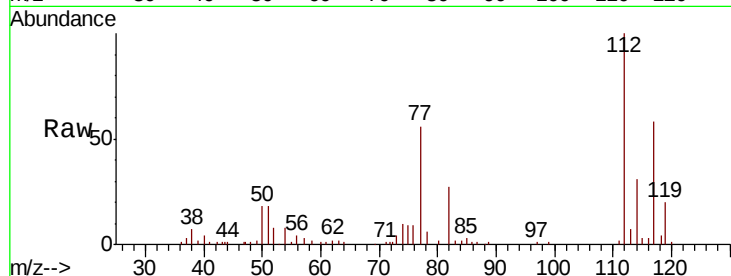




#65
Chlorobenzene
Concen: 4.105 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

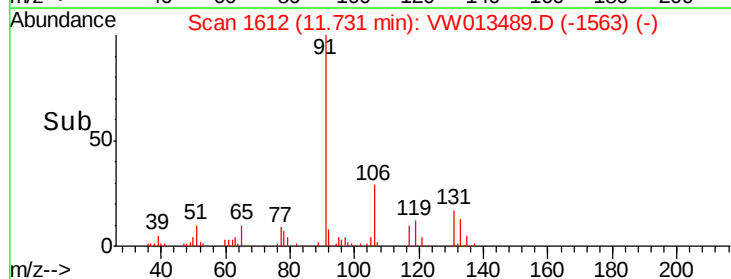
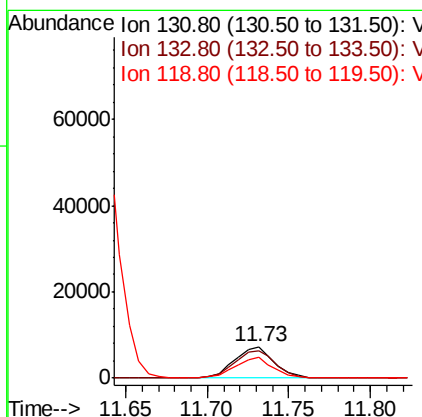
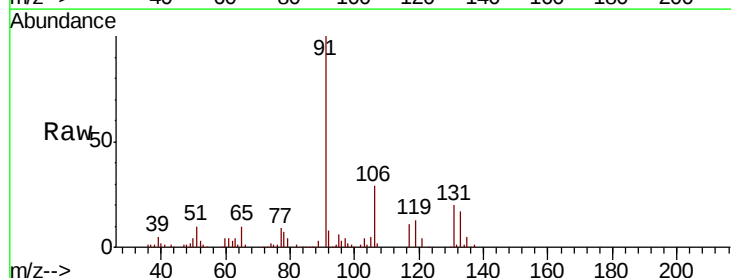
Instrument :
MSVOA_W
ClientSampled :

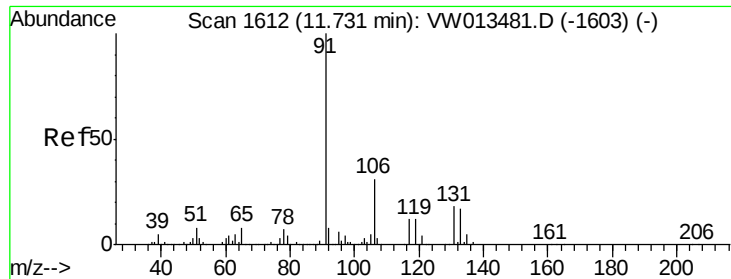
Tot Ion:112 Resp: 34265
Ion Ratio Lower Upper
112 100
114 30.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.152 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion:131 Resp: 12039
Ion Ratio Lower Upper
131 100
133 90.9 47.6 142.9
119 65.4 32.6 98.0

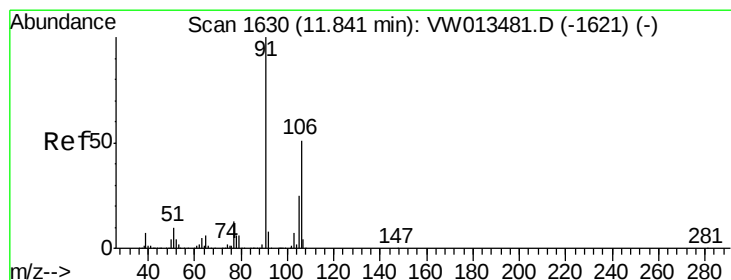
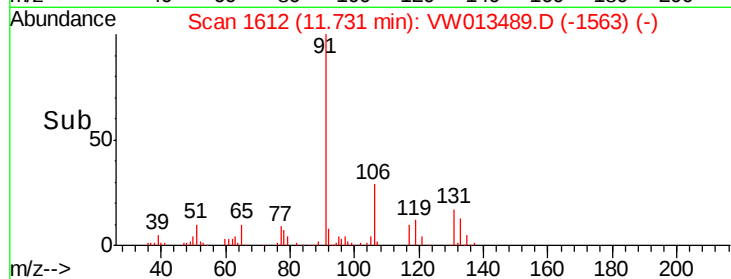
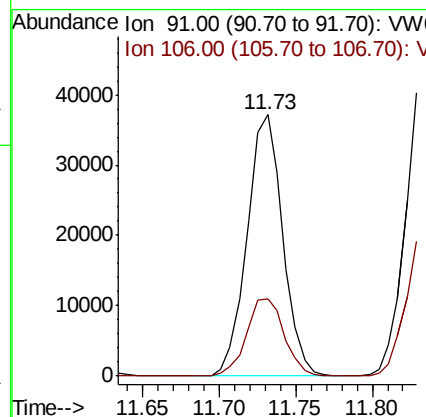
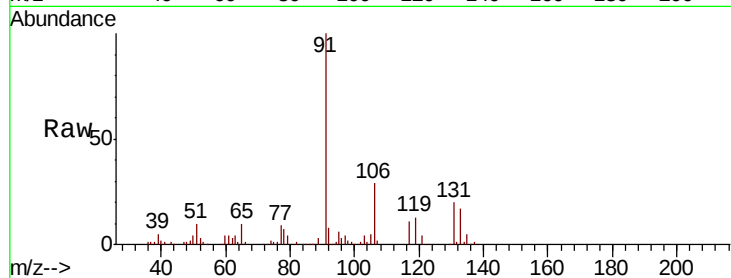




#67
Ethyl Benzene
Concen: 3.942 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

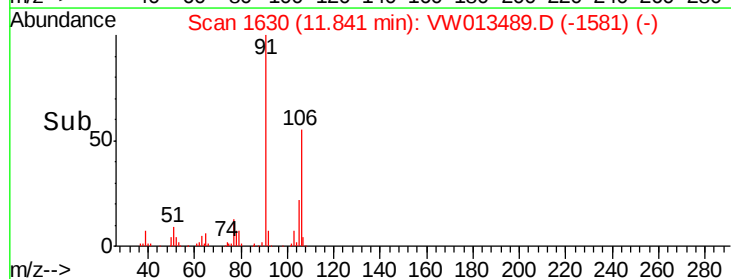
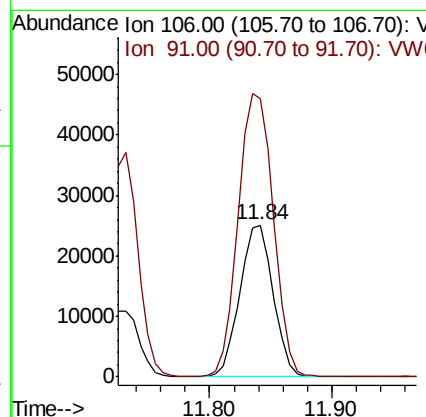
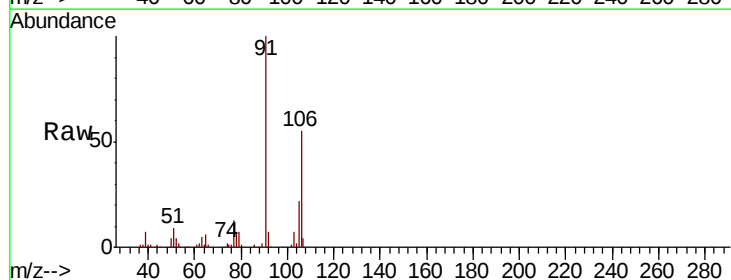
Instrument :
MSVOA_W
ClientSampled :

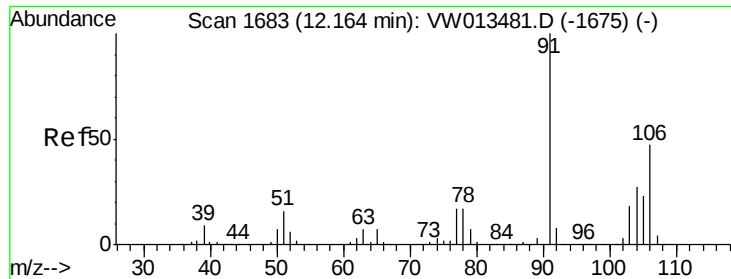
Tot Ion: 91 Resp: 60142
Ion Ratio Lower Upper
91 100
106 29.5 24.8 37.2



#68
m/p-Xylenes
Concen: 8.156 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 106 Resp: 47345
Ion Ratio Lower Upper
106 100
91 197.3 156.2 234.4

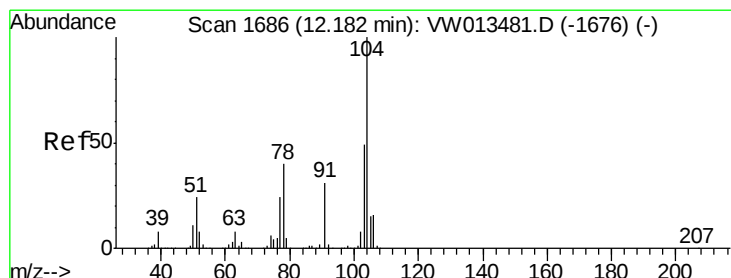
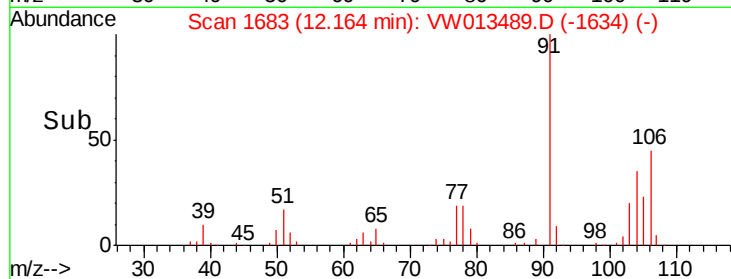
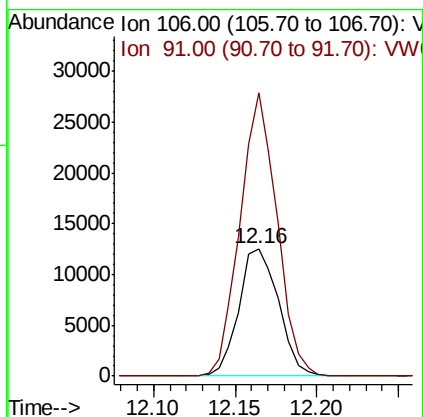
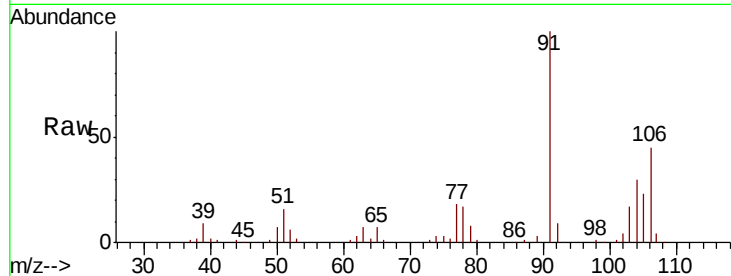




#69
o-Xylene
Concen: 3.940 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

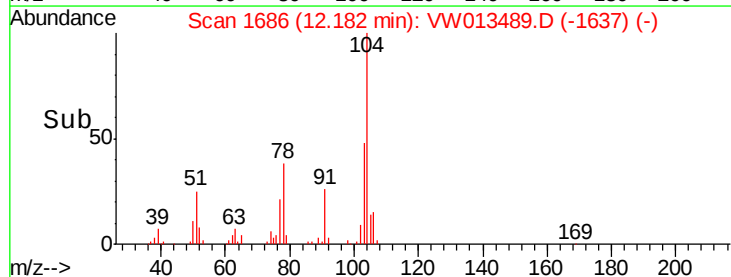
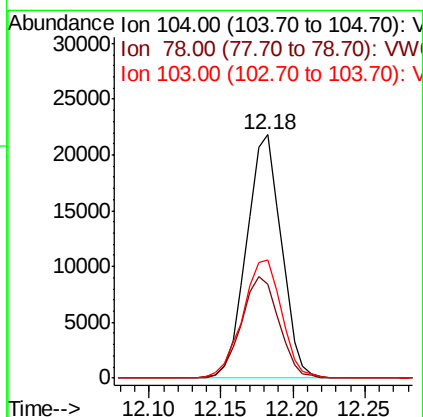
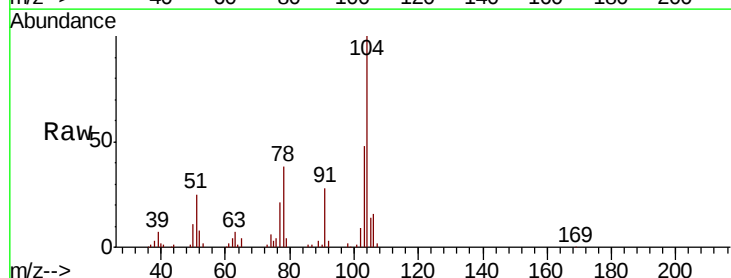
Instrument :
MSVOA_W
ClientSampled :

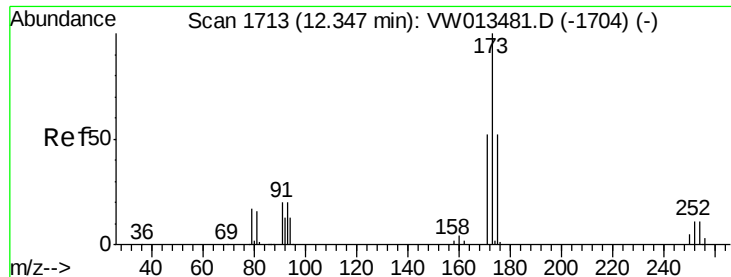
Tot Ion:106 Resp: 21134
Ion Ratio Lower Upper
106 100
91 208.1 105.0 315.0



#70
Styrene
Concen: 3.965 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion:104 Resp: 36516
Ion Ratio Lower Upper
104 100
78 44.8 37.1 55.7
103 54.3 43.2 64.8





#71

Bromoform

Concen: 3.810 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

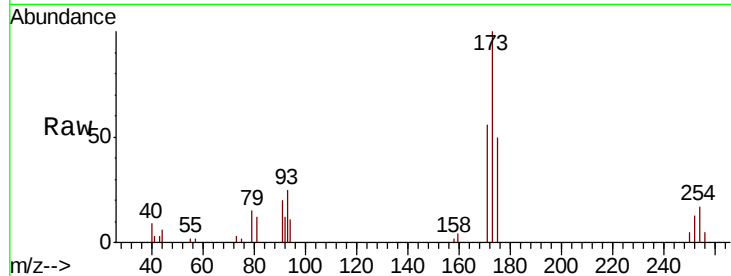
Tot Ion:173 Resp: 6061

Ion Ratio Lower Upper

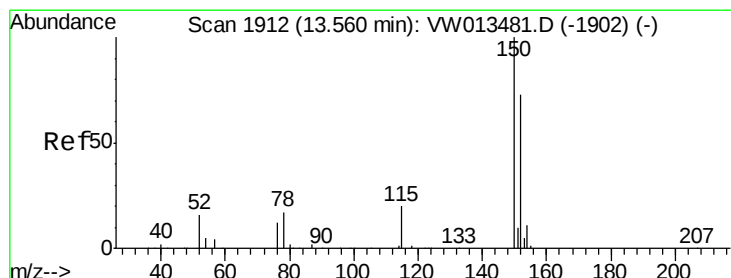
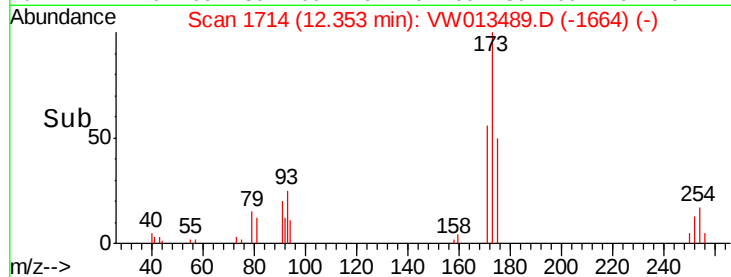
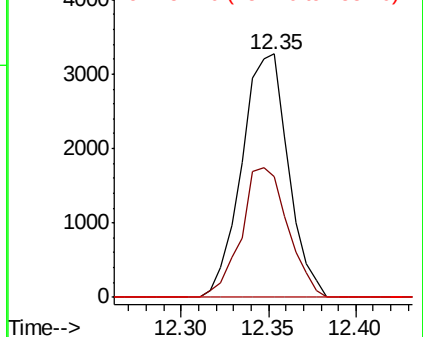
173 100

175 53.2 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

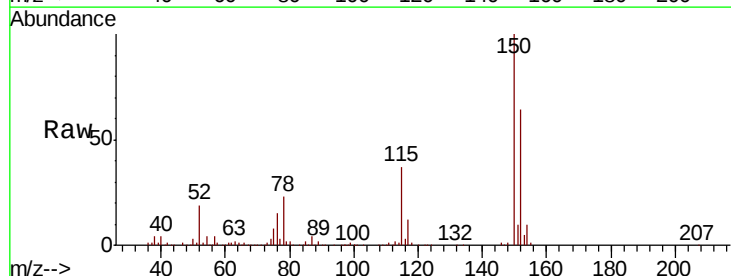
Tgt Ion:152 Resp: 208988

Ion Ratio Lower Upper

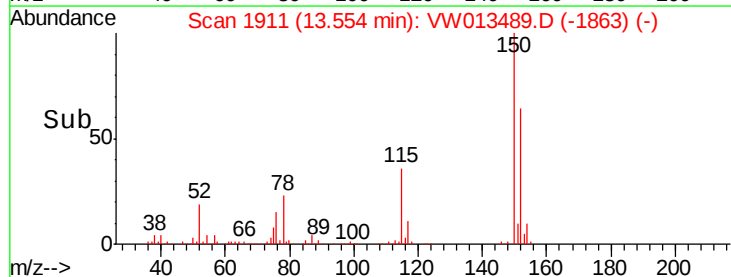
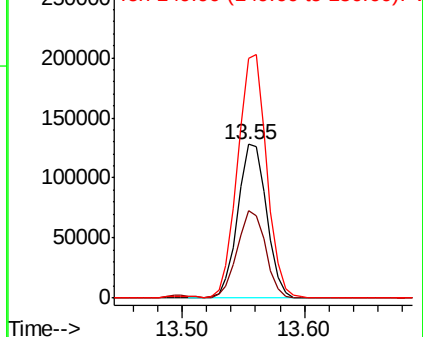
152 100

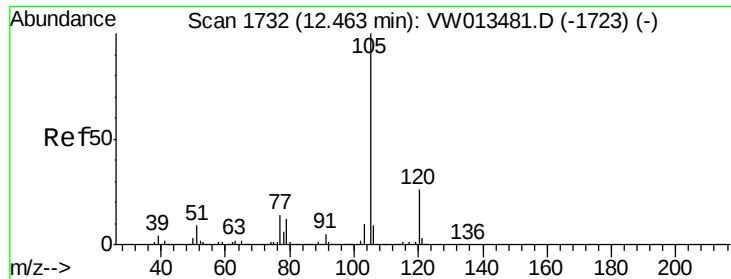
115 55.6 27.0 81.0

150 158.4 0.0 337.4



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





#73

Isopropylbenzene

Concen: 3.955 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

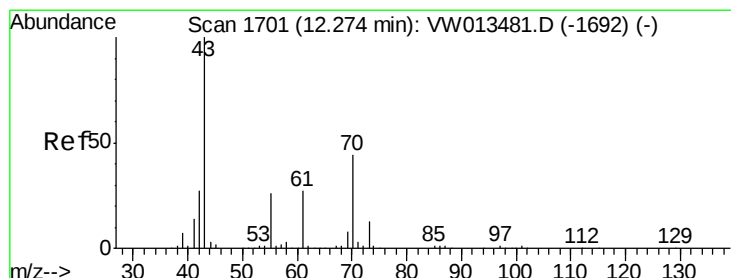
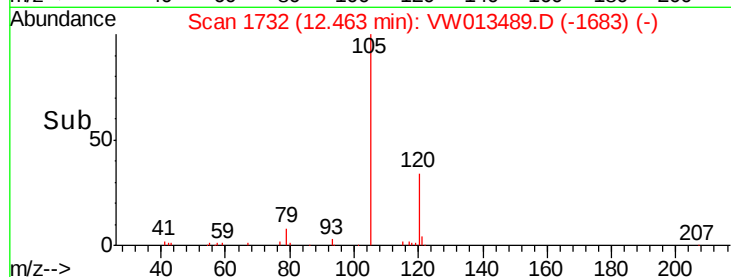
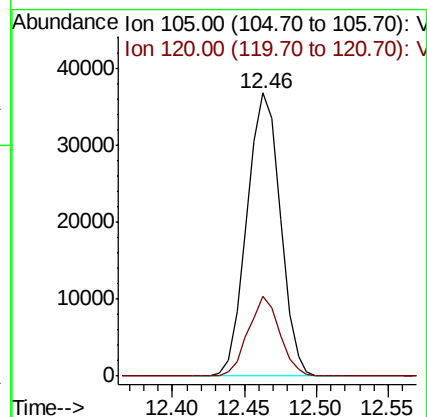
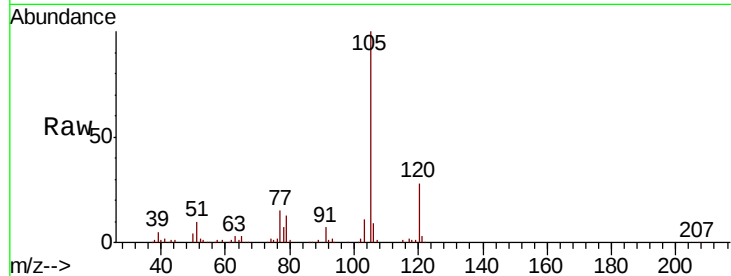
ClientSampleId :

Tot Ion:105 Resp: 59209

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 3.677 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Tgt Ion: 43 Resp: 12037

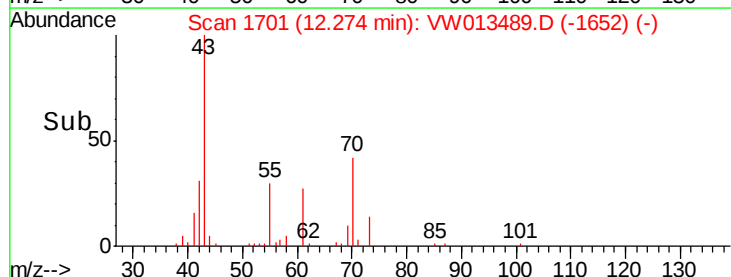
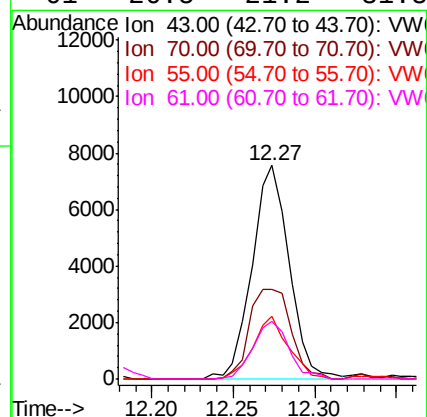
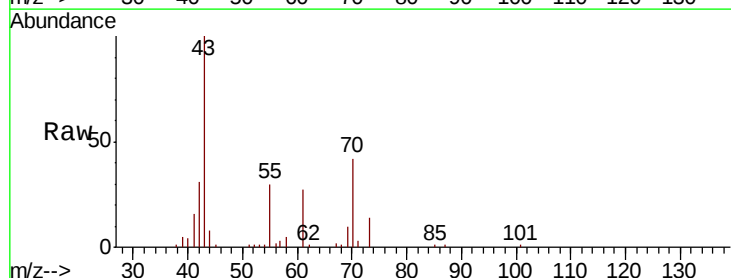
Ion Ratio Lower Upper

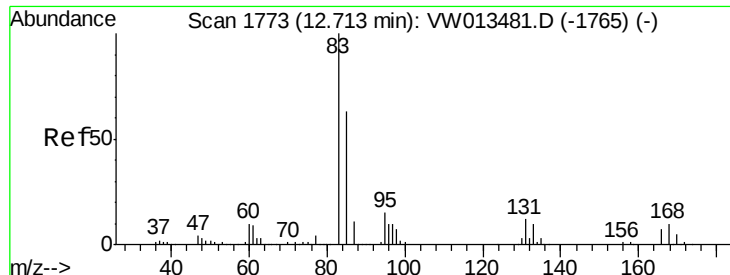
43 100

70 47.1 35.3 52.9

55 28.0 20.0 30.0

61 26.5 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 3.982 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampled :

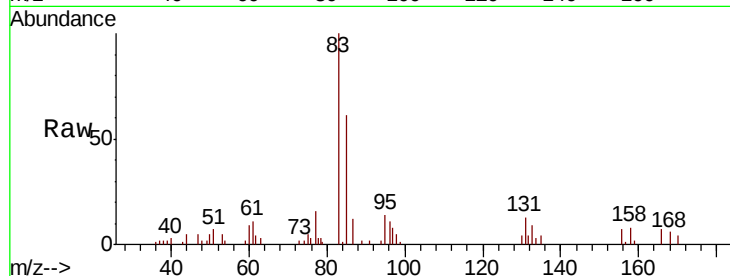
Tot Ion: 83 Resp: 10161

Ion Ratio Lower Upper

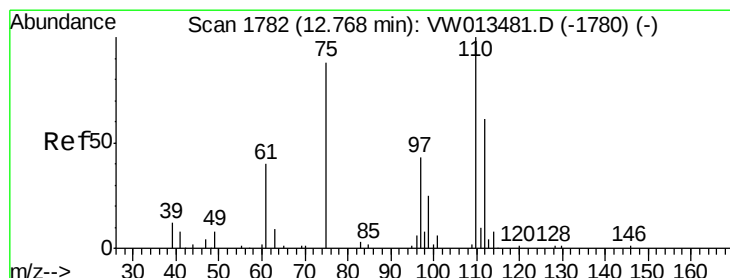
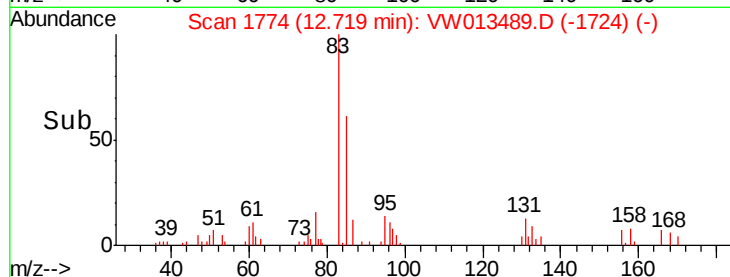
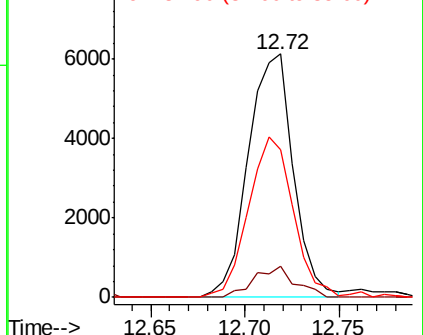
83 100

131 11.6 5.9 17.7

85 65.8 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: 7.443 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013489.D

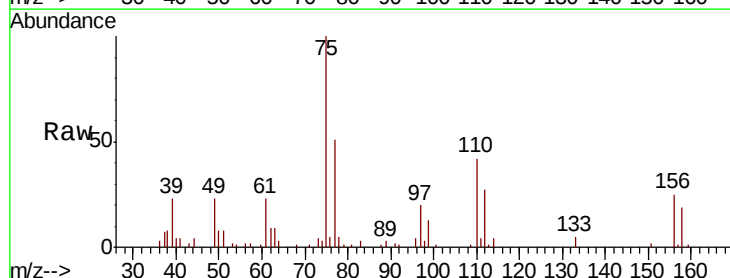
Acq: 08 Oct 2019 16:19

Tgt Ion: 75 Resp: 12955

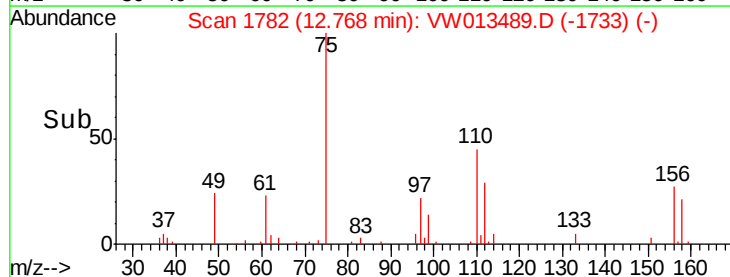
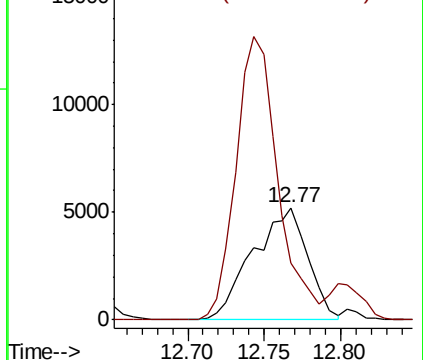
Ion Ratio Lower Upper

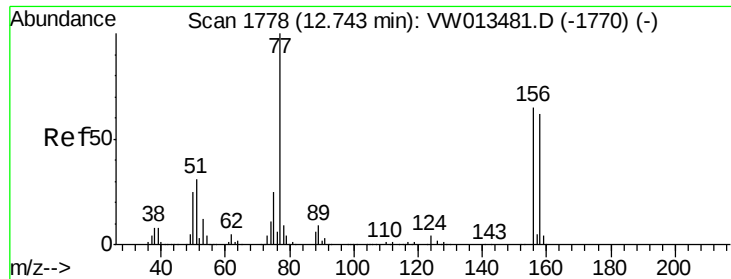
75 100

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: 4.133 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

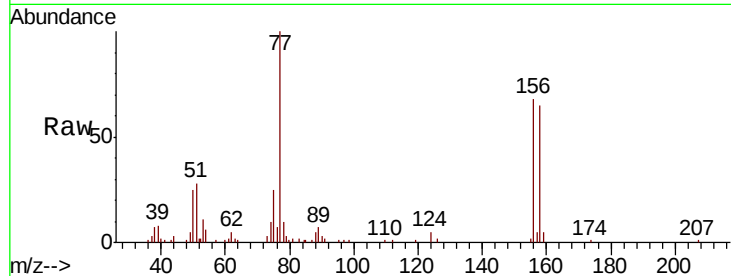
Tot Ion:156 Resp: 14666

Ion Ratio Lower Upper

156 100

77 170.7 83.7 251.0

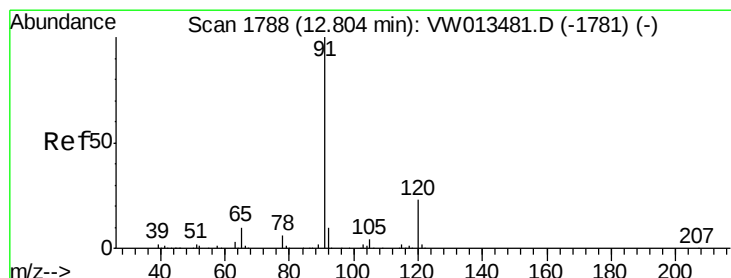
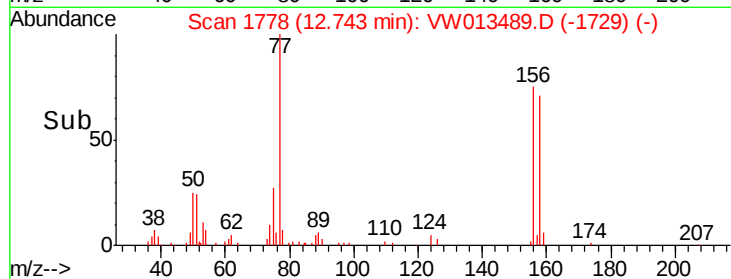
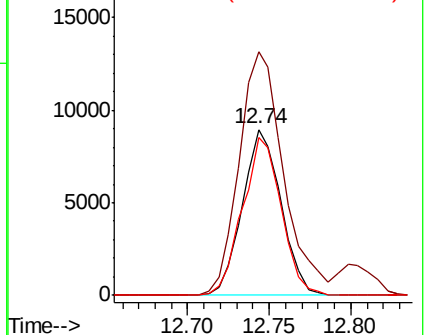
158 96.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3.954 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013489.D

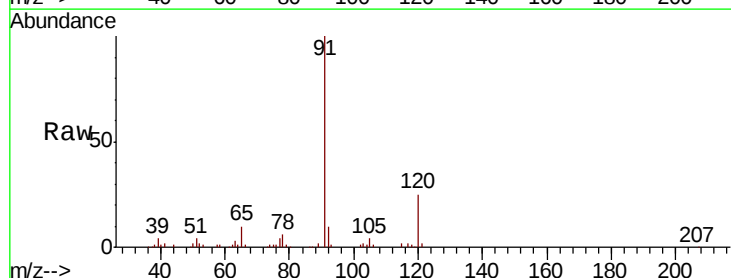
Acq: 08 Oct 2019 16:19

Tgt Ion: 91 Resp: 68446

Ion Ratio Lower Upper

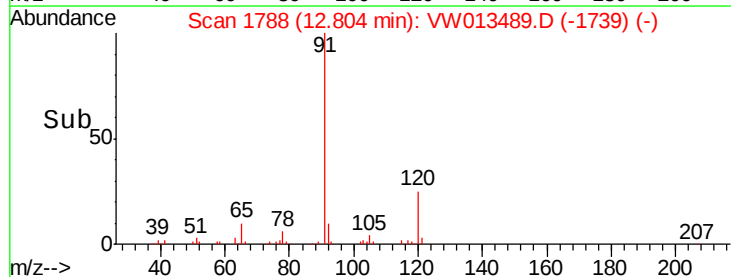
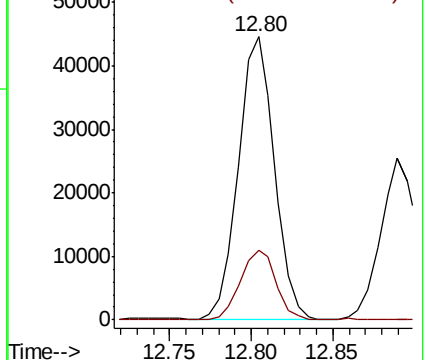
91 100

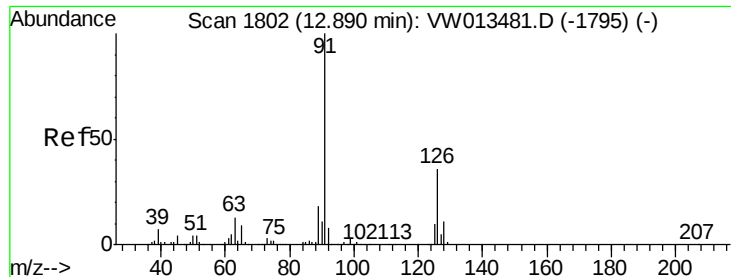
120 24.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.089 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

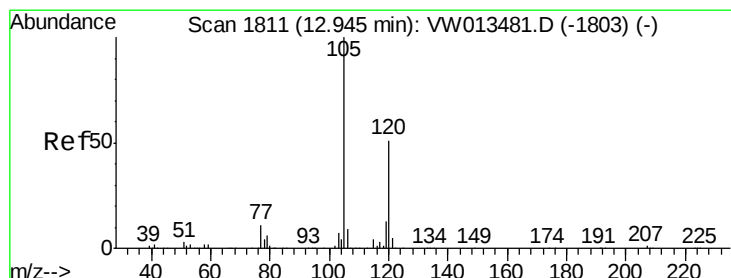
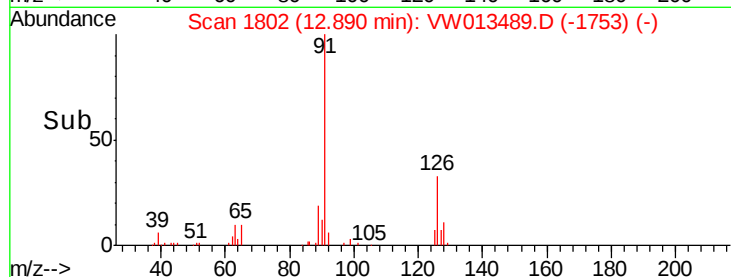
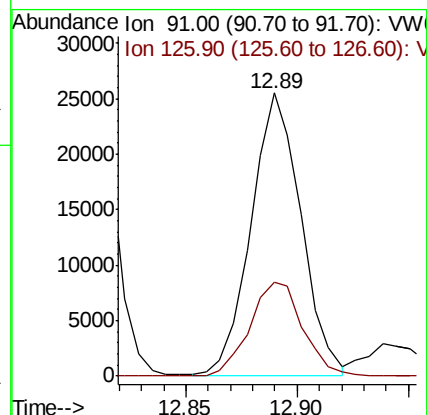
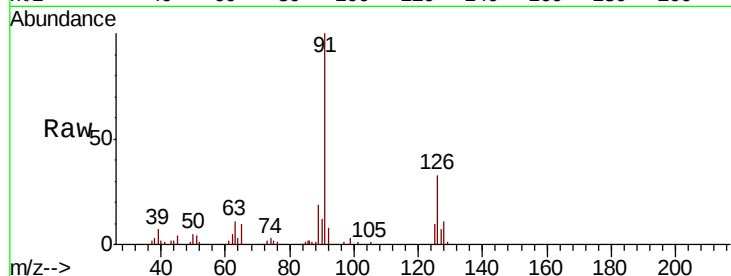
ClientSampled :

Tot Ion: 91 Resp: 39652

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 4.042 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013489.D

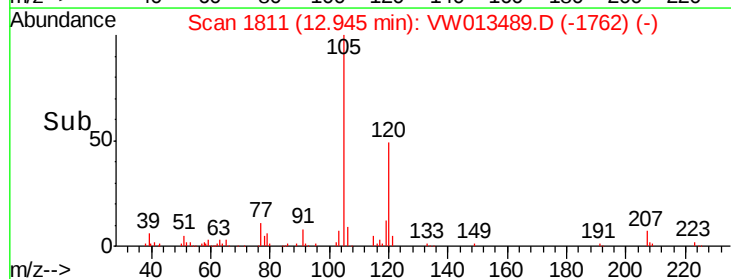
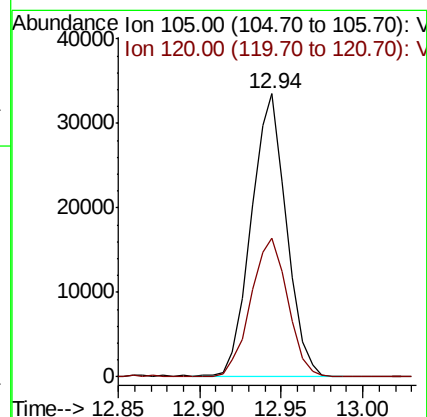
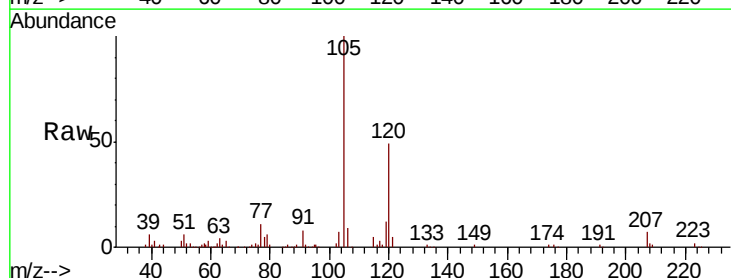
Acq: 08 Oct 2019 16:19

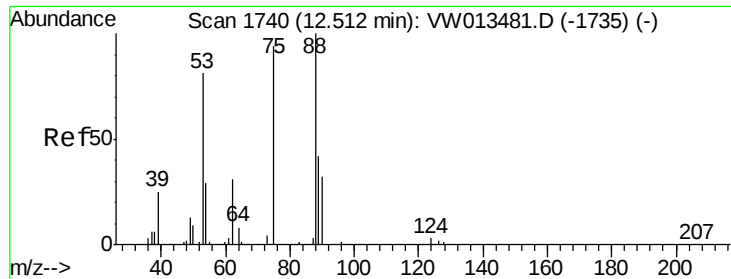
Tgt Ion: 105 Resp: 50273

Ion Ratio Lower Upper

105 100

120 51.5 25.4 76.0

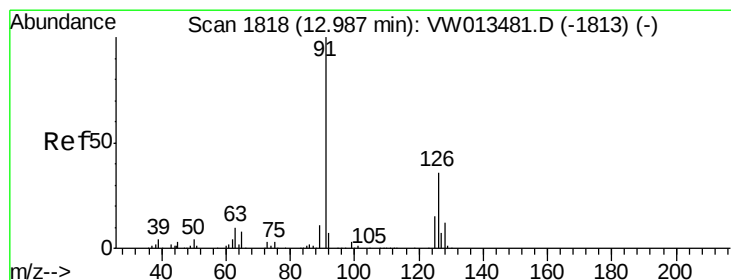
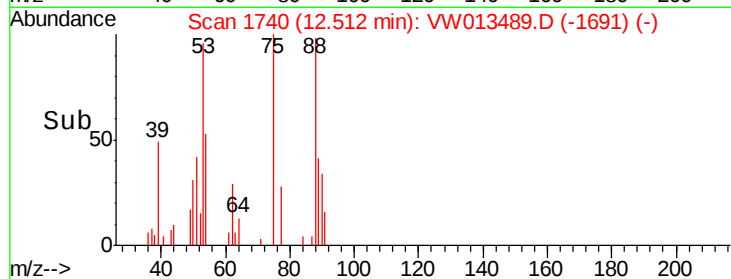
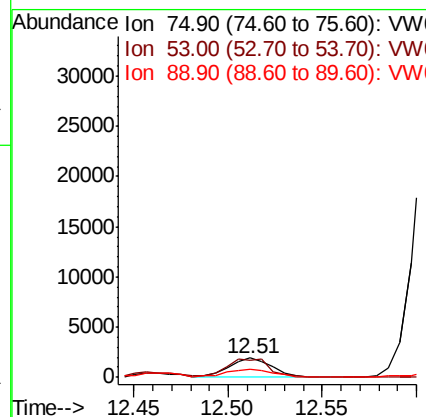
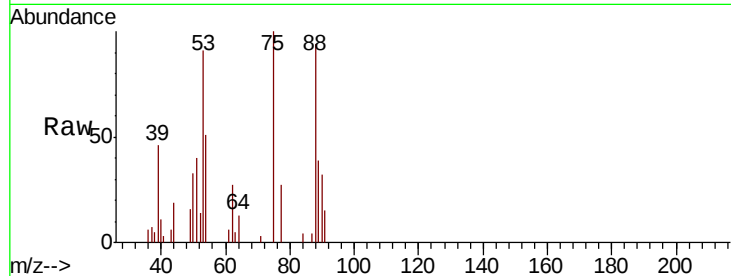




#81
trans-1,4-Dichloro-2-butene
Concen: 3.574 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

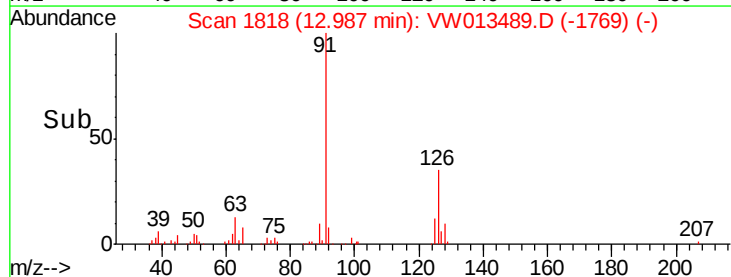
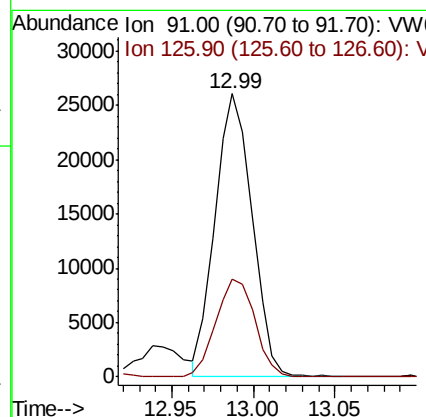
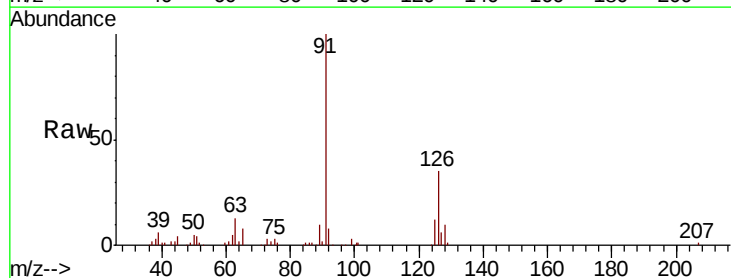
Instrument :
MSVOA_W
ClientSampleId :

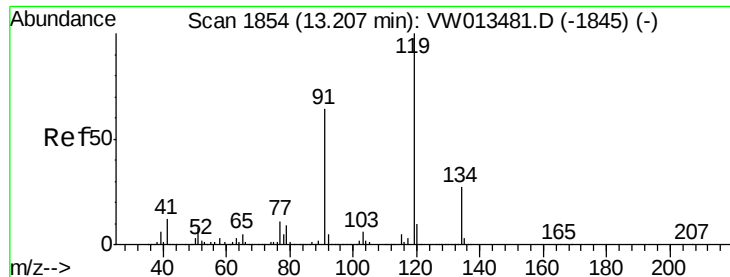
Tot Ion: 75 Resp: 3043
Ion Ratio Lower Upper
75 100
53 99.4 71.0 106.6
89 45.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 4.114 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion: 91 Resp: 41414
Ion Ratio Lower Upper
91 100
126 36.4 17.5 52.6

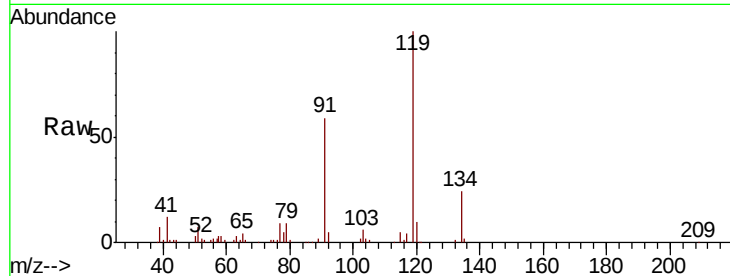




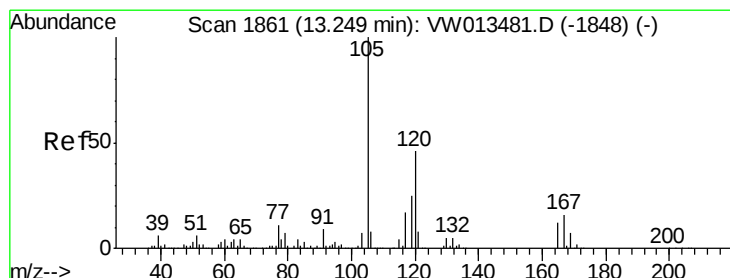
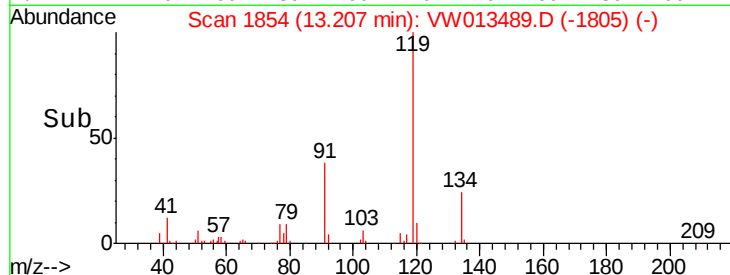
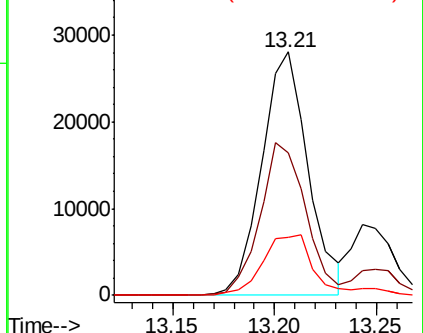
#83
tert-Butylbenzene
Concen: 4.034 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 44556
Ion Ratio Lower Upper
119 100
91 61.7 30.6 91.6
134 26.6 13.8 41.3

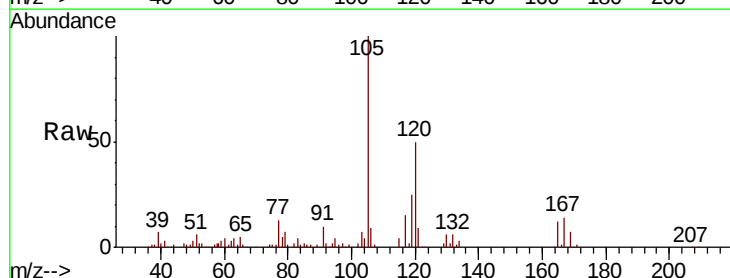


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

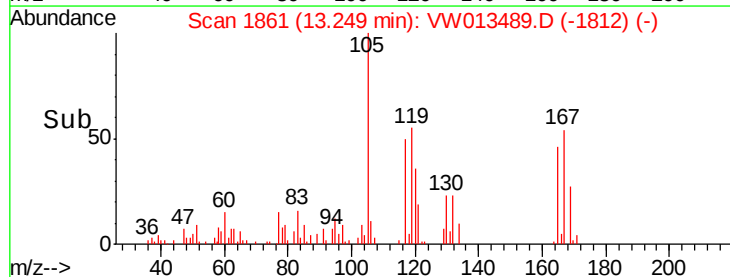
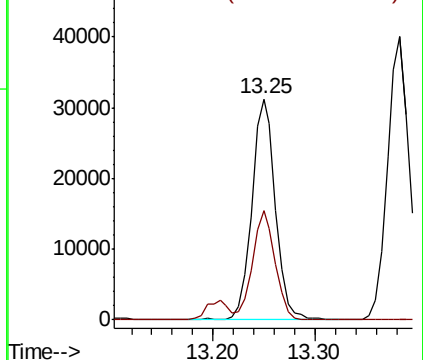


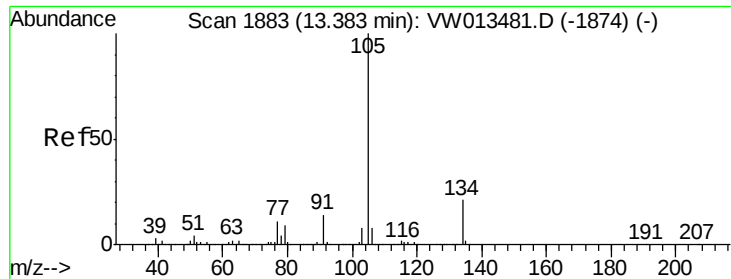
#84
1,2,4-Trimethylbenzene
Concen: 4.094 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion:105 Resp: 50362
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 3.930 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

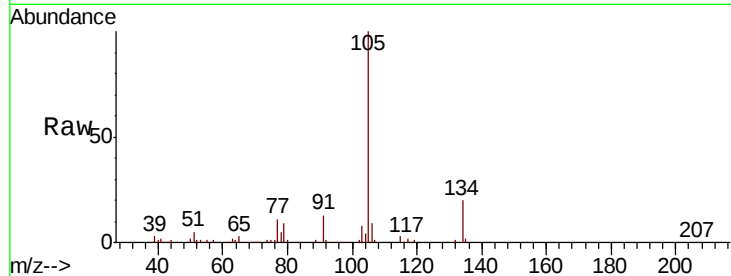
ClientSampled :

Tot Ion:105 Resp: 59977

Ion Ratio Lower Upper

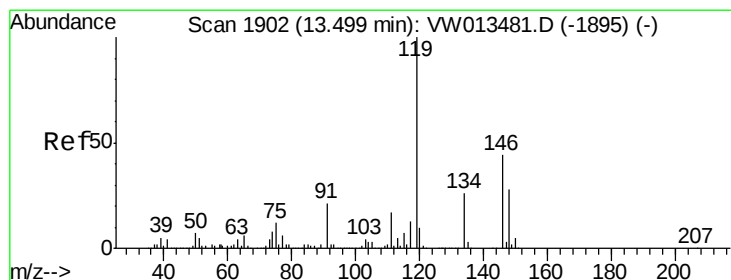
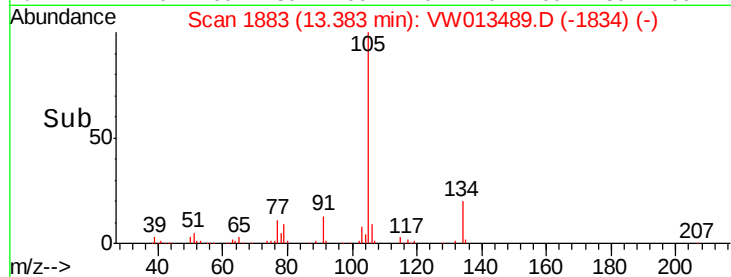
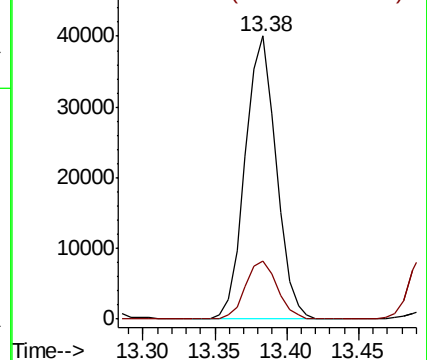
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.004 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

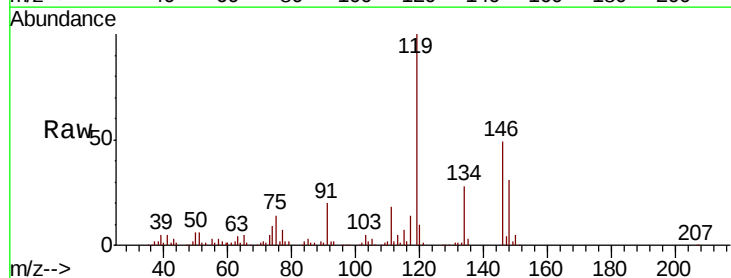
Tgt Ion:119 Resp: 56149

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.1

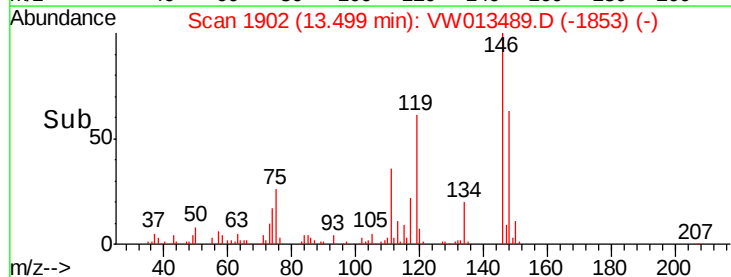
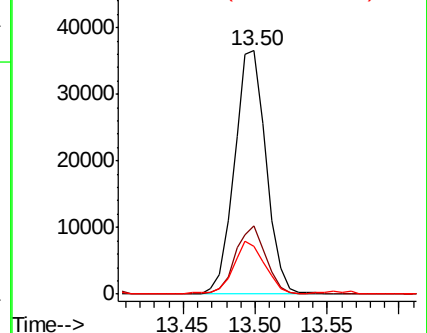
91 21.8 10.8 32.3

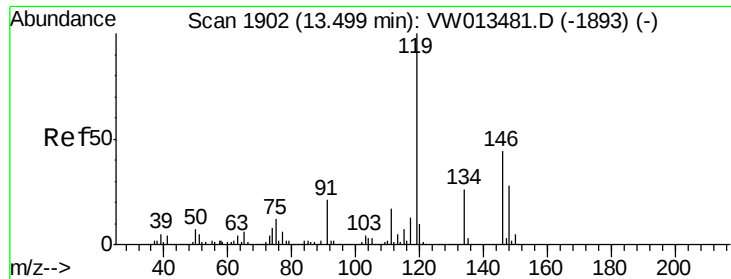


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

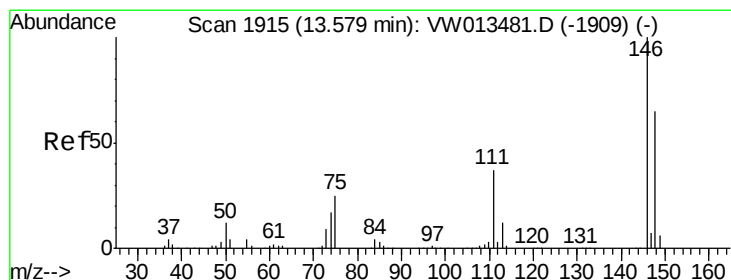
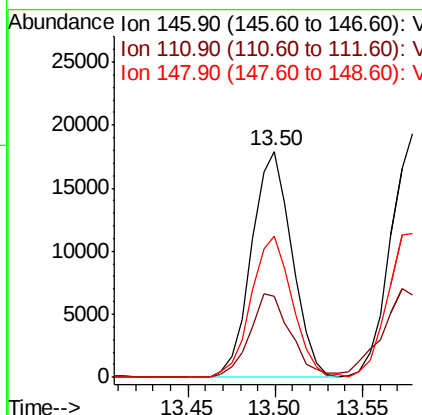
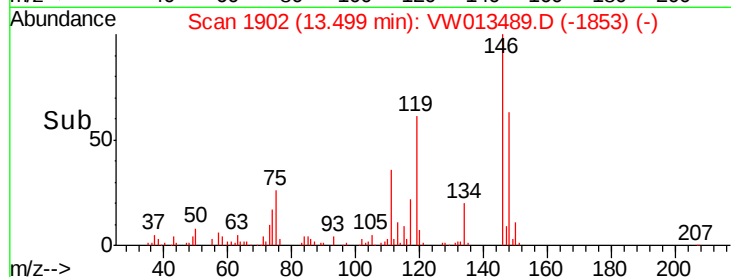
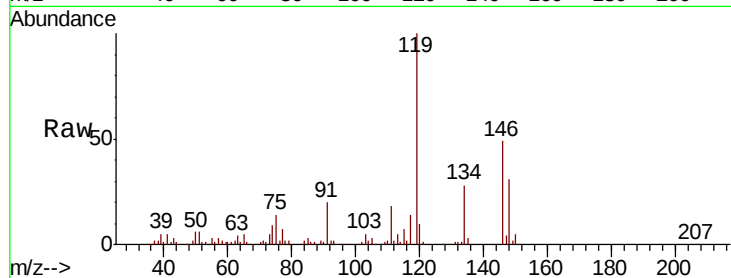




#87
 1,3-Dichlorobenzene
 Concen: 4.263 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

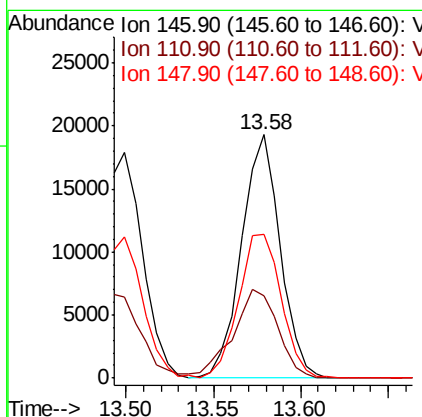
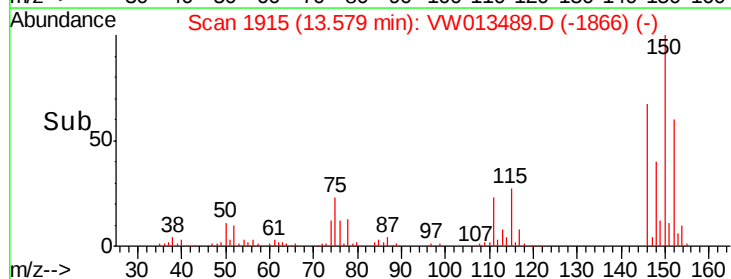
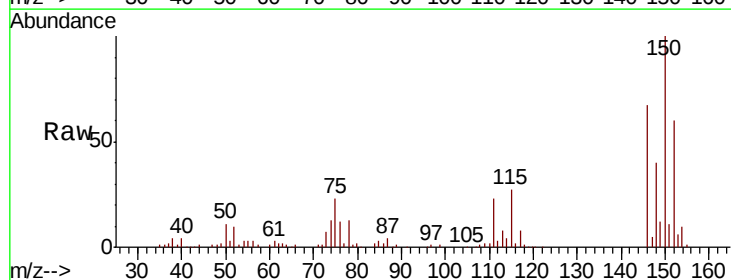
Instrument :
 MSVOA_W
 ClientSampled :

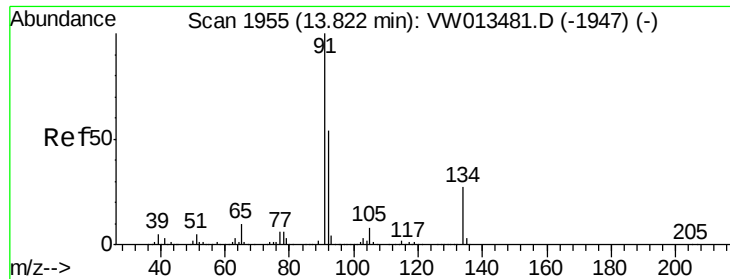
Tot Ion:146 Resp: 28681
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.7 56.1
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 4.504 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion:146 Resp: 29684
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.4 55.4
 148 65.3 32.0 96.2





#89

n-Butylbenzene

Concen: 3.837 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013489.D

Acq: 08 Oct 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

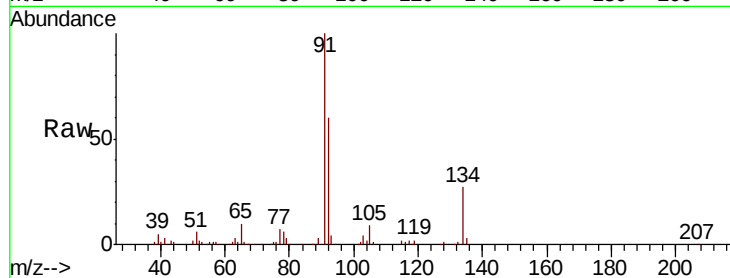
Tot Ion: 91 Resp: 48602

Ion Ratio Lower Upper

91 100

92 56.3 27.5 82.4

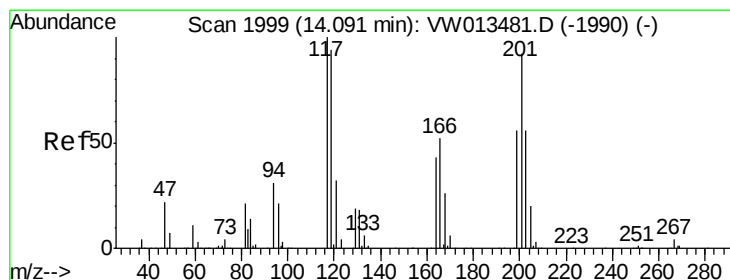
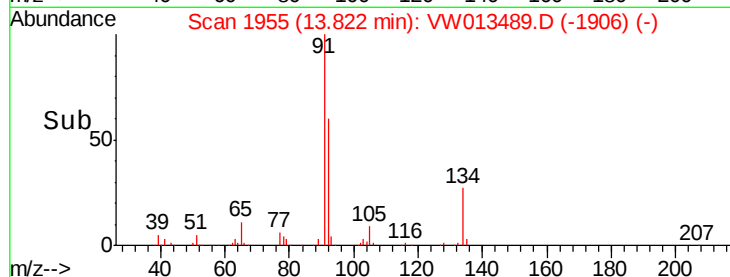
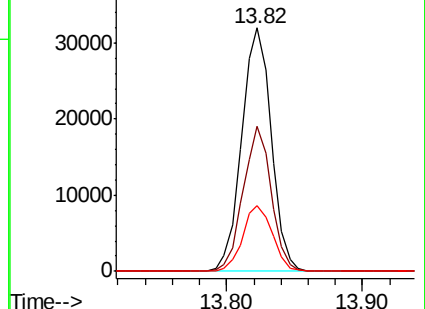
134 27.2 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 4.082 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013489.D

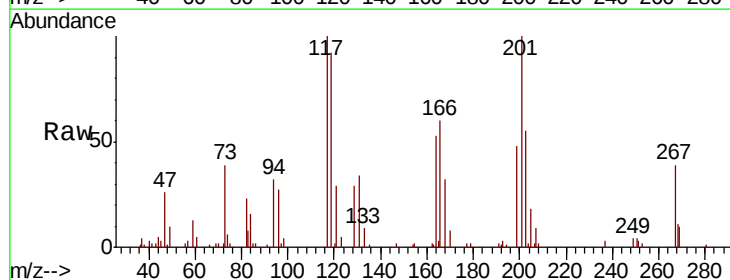
Acq: 08 Oct 2019 16:19

Tgt Ion: 117 Resp: 9794

Ion Ratio Lower Upper

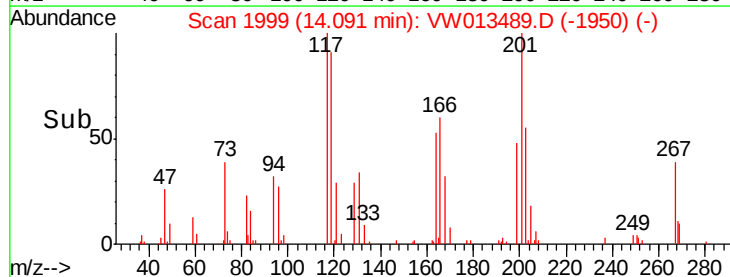
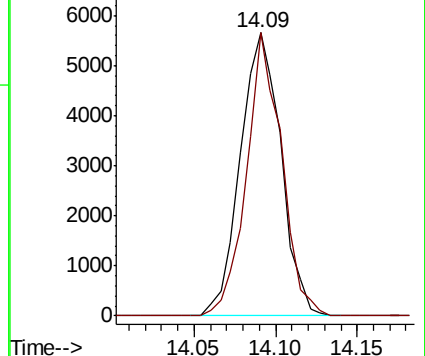
117 100

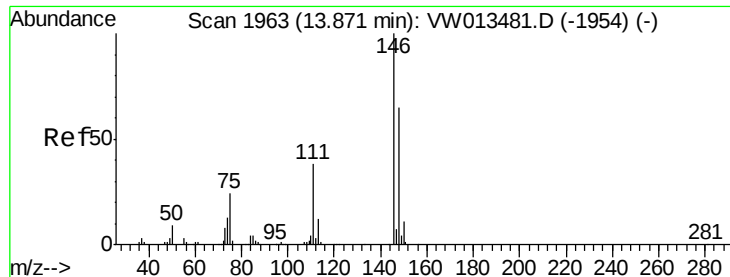
201 86.6 46.9 140.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

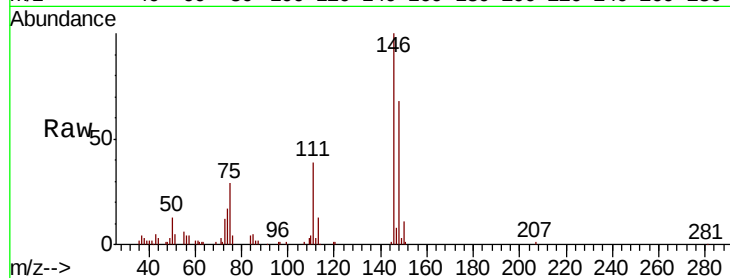




#91
 1,2-Dichlorobenzene
 Concen: 4.168 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	65.7	31.8	95.3

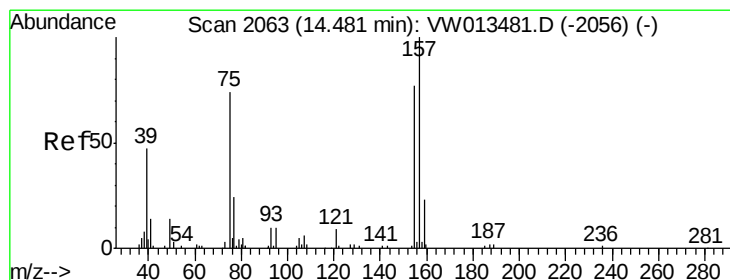
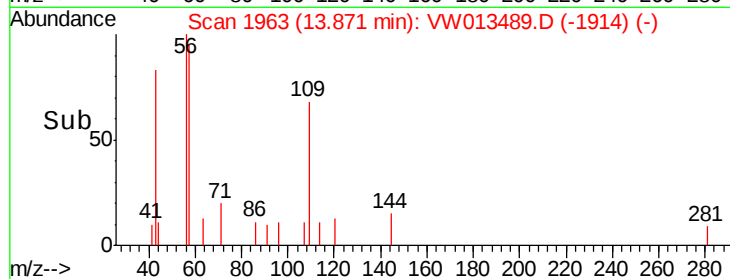
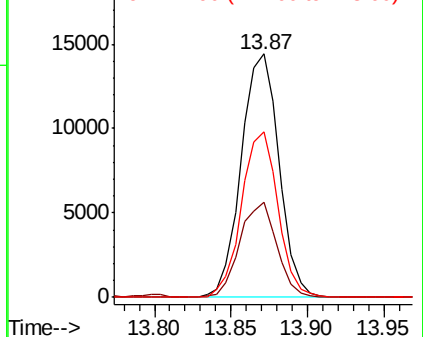


Abundance

Ion 145.90 (145.60 to 146.60): V

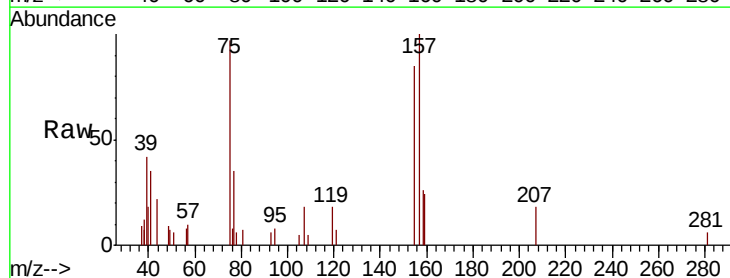
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.354 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	51.0	153.1
157	112.4	65.9	197.7

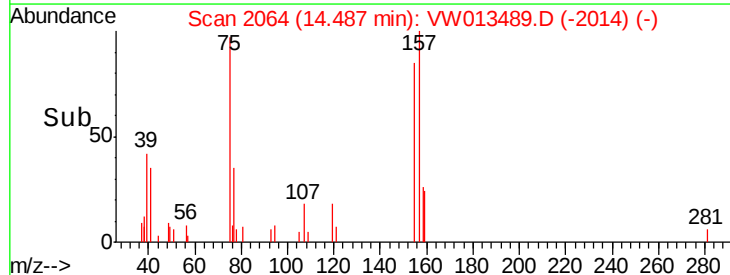
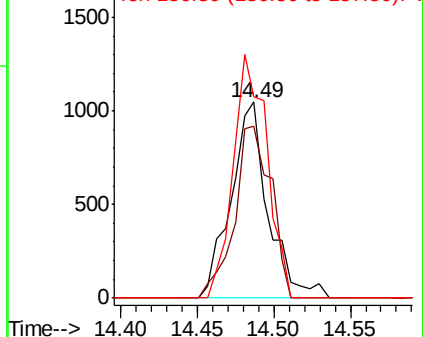


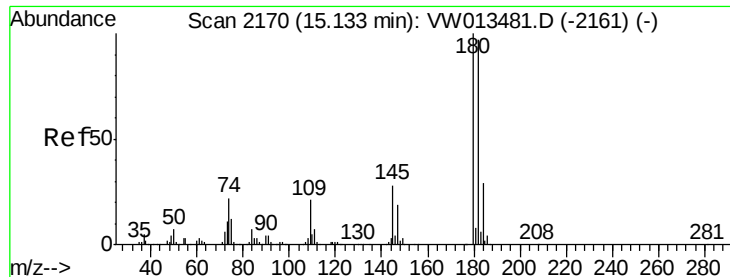
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

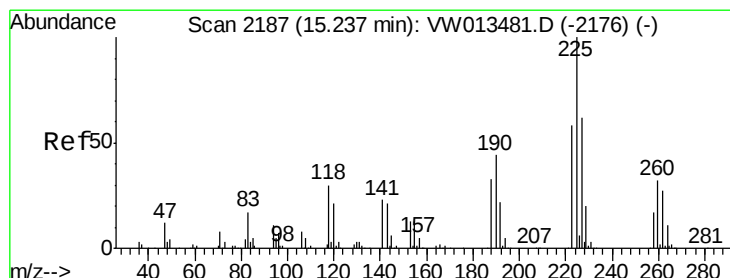
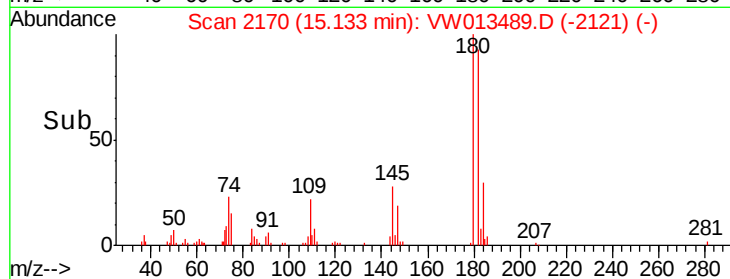
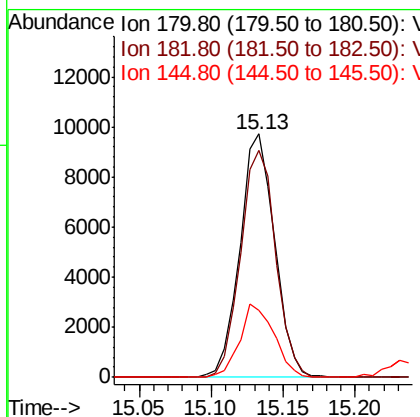
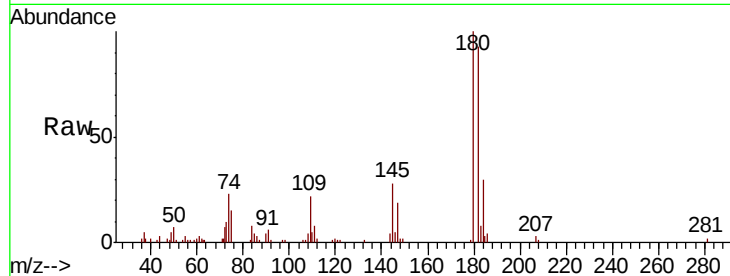




#93
 1,2,4-Trichlorobenzene
 Concen: 3.870 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

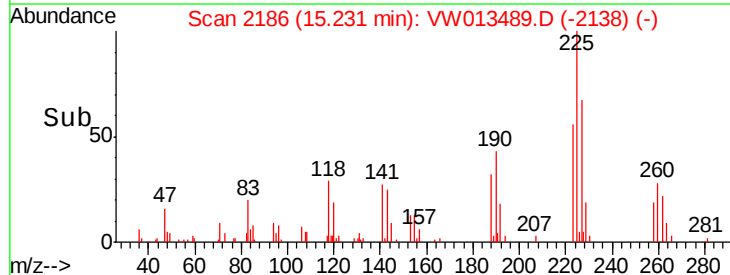
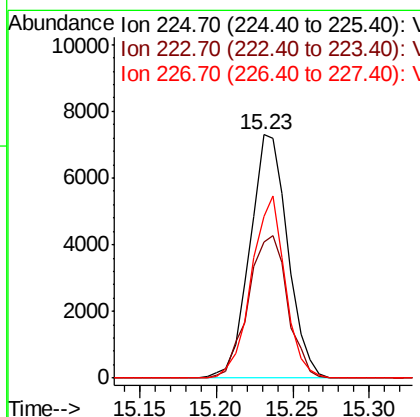
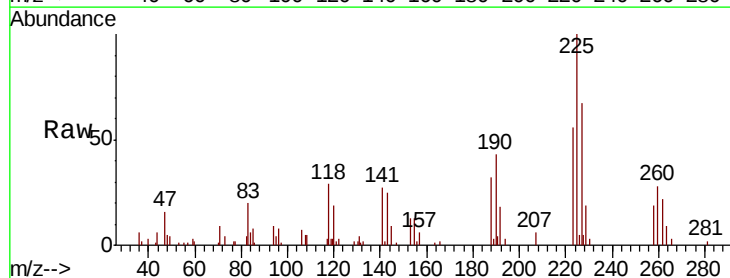
Instrument :
 MSVOA_W
 ClientSampleId :

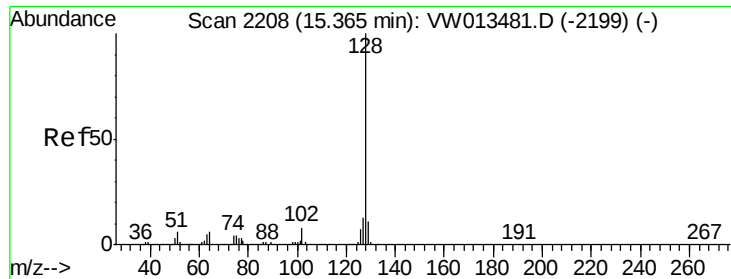
Tot Ion:180 Resp: 16249
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.7 143.1
 145 29.6 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 4.505 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013489.D
 Acq: 08 Oct 2019 16:19

Tgt Ion:225 Resp: 12569
 Ion Ratio Lower Upper
 225 100
 223 60.8 30.3 90.9
 227 66.6 32.0 96.0

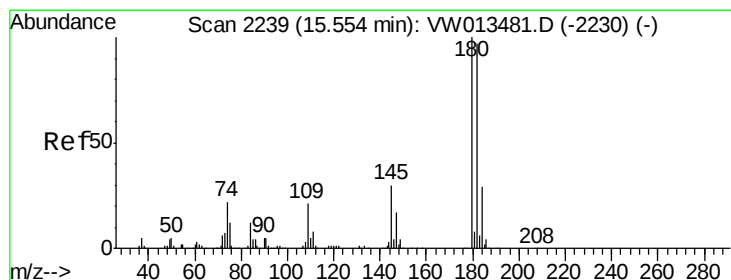
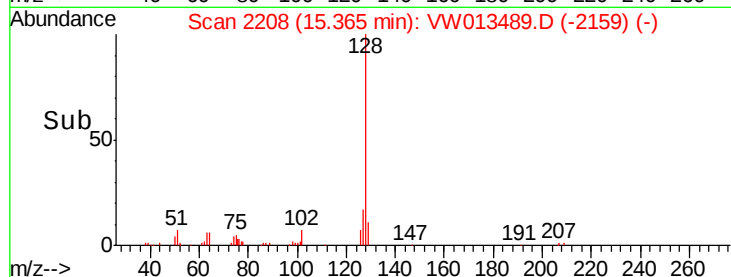
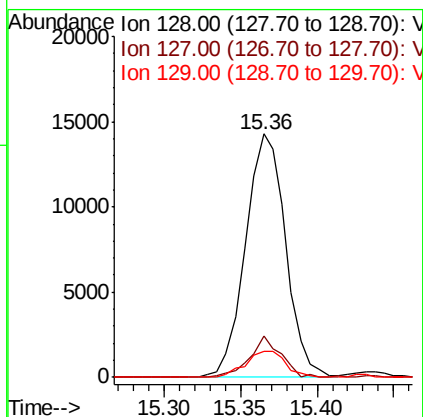
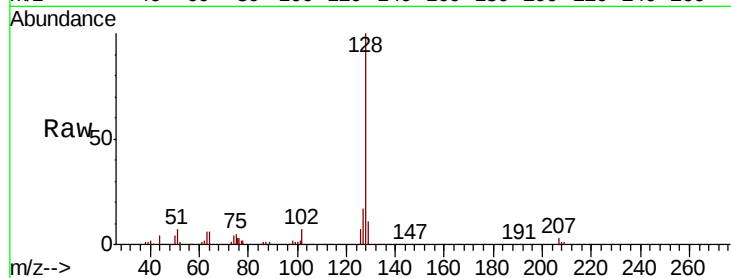




#95
Naphthalene
Concen: 3.588 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 26054
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.029 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW013489.D
Acq: 08 Oct 2019 16:19

Tgt Ion:180 Resp: 14790
Ion Ratio Lower Upper
180 100
182 93.1 47.7 143.1
145 29.1 14.9 44.9

