

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013208.D
 Acq On : 21 Sep 2019 03:03
 Operator : SY/VA
 Sample : K4939-02MS
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 21 04:58:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	94730	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	145441	66.33	ug/l	0.00
Spiked Amount			Recovery	=	132.66%	
35) Dibromofluoromethane	7.88	113	137442	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
50) Toluene-d8	10.32	98	525984	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.62	95	131957	35.66	ug/l	0.00
Spiked Amount			Recovery	=	71.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	46926	30.280	ug/l	97
3) Chloromethane	2.20	50	70117	35.197	ug/l	98
4) Vinyl Chloride	2.35	62	96061	37.403	ug/l	98
5) Bromomethane	2.76	94	58907	36.193	ug/l	98
6) Chloroethane	2.90	64	63168	41.726	ug/l	98
7) Trichlorofluoromethane	3.25	101	58595	39.566	ug/l	96
8) Diethyl Ether	3.67	74	72596	57.390	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	110859	45.979	ug/l	100
10) Methyl Iodide	4.27	142	149834	40.082	ug/l	100
11) Tert butyl alcohol	5.19	59	59087	379.580	ug/l	98
12) 1,1-Dichloroethene	4.04	96	109265	43.763	ug/l	98
14) Allvl chloride	4.66	41	154253	38.820	ug/l	98
15) Acrylonitrile	5.37	53	185522	339.795	ug/l	99
16) Acetone	4.12	43	160073	323.723	ug/l	98
17) Carbon Disulfide	4.38	76	191070	26.477	ug/l	99
18) Methyl Acetate	4.67	43	176039	126.650	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	251143	65.632	ug/l	98
20) Methylene Chloride	4.91	84	144152	57.434	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118011	43.732	ug/l	97
22) Diisopropyl ether	6.31	45	467910	61.925	ug/l	95
23) Vinyl Acetate	6.26	43	137110	30.587	ug/l	99
24) 1,1-Dichloroethane	6.21	63	261632	57.381	ug/l	98
25) 2-Butanone	7.17	43	242738	327.013	ug/l	97
26) 2,2-Dichloropropane	7.16	77	109319	39.362	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	158940	55.811	ug/l	97
28) Bromochloromethane	7.51	49	119290	68.167	ug/l	99
29) Tetrahydrofuran	7.52	42	155072	340.652	ug/l	100
30) Chloroform	7.67	83	261081	58.486	ug/l	98
31) Cyclohexane	7.95	56	176357	37.105	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	193321	53.471	ug/l	99
36) 1,1-Dichloropropene	8.08	75	167028	36.643	ug/l	98
37) Ethyl Acetate	7.25	43	89344	46.118	ug/l	98
38) Carbon Tetrachloride	8.07	117	168005	41.115	ug/l	98
39) Methylcyclohexane	9.33	83	173101	29.550	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	551709	43.392	ug/l	100
41) Methacrylonitrile	7.48	41	58532	50.623	ug/l	93
42) 1,2-Dichloroethane	8.40	62	167035	48.871	ug/l	100
43) Isopropyl Acetate	8.42	43	187680	50.547	ug/l	98
44) Trichloroethene	9.09	130	193369	54.206	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151968	48.957	ug/l	99
46) Dibromomethane	9.46	93	73113	48.514	ug/l	98
47) Bromodichloromethane	9.64	83	192929	50.311	ug/l	97
48) Methyl methacrylate	9.43	41	110188	63.111	ug/l	98
49) 1,4-Dioxane	9.46	88	28721	1269.617	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	535726	287.809	ug/l	99
52) Toluene	10.38	92	341534	41.913	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	167692	42.564	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	203600	42.503	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	115638	51.336	ug/l	98
56) Ethyl methacrylate	10.65	69	128109	43.457	ug/l	99
57) 1,3-Dichloropropane	10.93	76	188341	47.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	402476	294.908	ug/l	100
59) 2-Hexanone	10.97	43	333586	260.485	ug/l	99
60) Dibromochloromethane	10.87	129	10170089	3976.205	ug/l #	11
61) 1,2-Dibromoethane	11.23	107	99921	46.655	ug/l	100
64) Tetrachloroethene	10.87	164	11508232	4160.321	ug/l	95
65) Chlorobenzene	11.65	112	338458	44.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	137428	52.839	ug/l	99
67) Ethyl Benzene	11.73	91	555502	40.271	ug/l	100
68) m/p-Xylenes	11.83	106	399074	75.921	ug/l	99
69) o-Xylene	12.16	106	199601	40.843	ug/l	99
70) Stvrene	12.18	104	338730	40.373	ug/l	99
71) Bromoform	12.35	173	74698	54.363	ug/l	100
73) Isopropylbenzene	12.46	105	457107	65.322	ug/l	99
74) N-amyl acetate	12.27	43	70364	45.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	112029	95.725	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	135270	161.692	ug/l #	100
77) Bromobenzene	12.74	156	124361	74.994	ug/l	93
78) n-propylbenzene	12.80	91	428983	52.372	ug/l	100
79) 2-Chlorotoluene	12.89	91	287648	62.682	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	293489	49.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25586	68.627	ug/l	93
82) 4-Chlorotoluene	12.99	91	270881	55.976	ug/l	100
83) tert-Butylbenzene	13.21	119	274930	53.250	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	269688	46.073	ug/l	99
85) sec-Butylbenzene	13.38	105	283535	39.833	ug/l	99
86) p-Isopropyltoluene	13.50	119	228418	34.597	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	145107	45.467	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	143082	45.713	ug/l	99
89) n-Butylbenzene	13.82	91	140315	23.275	ug/l	98
90) Hexachloroethane	14.09	117	59249	53.420	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	129183	46.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14369	80.271	ug/l	96
93) 1,2,4-Trichlorobenzene	15.13	180	20672	10.448	ug/l	98

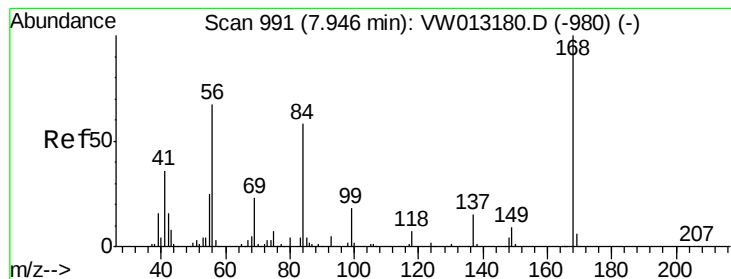
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	19225	14.203	ug/l	96
95) Naphthalene	15.36	128	83511	25.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	17659	10.330	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

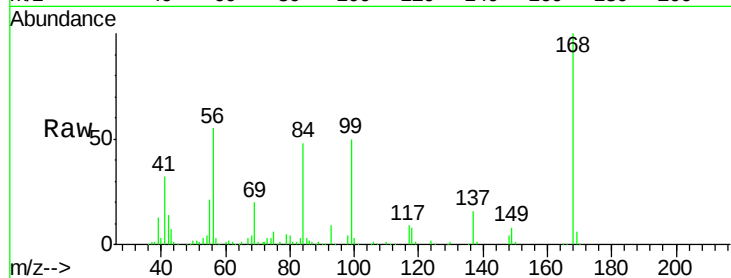
ClientSampled :

Tot Ion:168 Resp: 268663

Ion Ratio Lower Upper

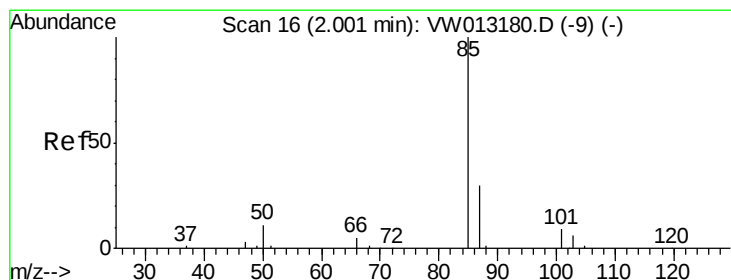
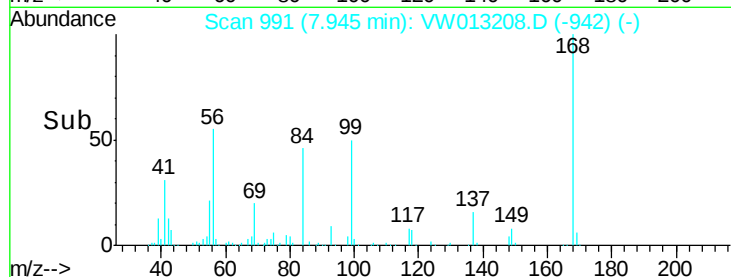
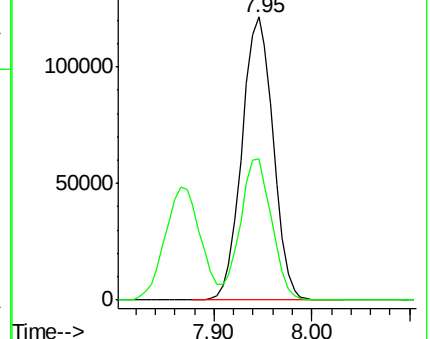
168 100

99 49.8 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 30.280 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW013208.D

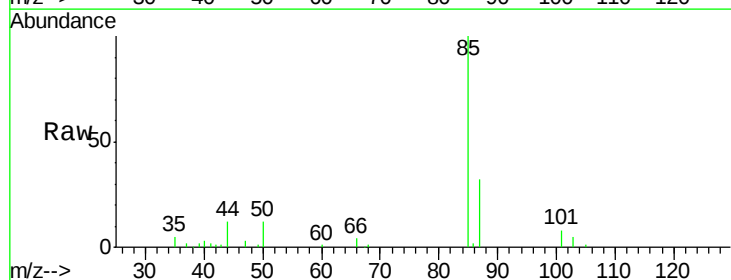
Acq: 21 Sep 2019 03:03

Tgt Ion: 85 Resp: 46926

Ion Ratio Lower Upper

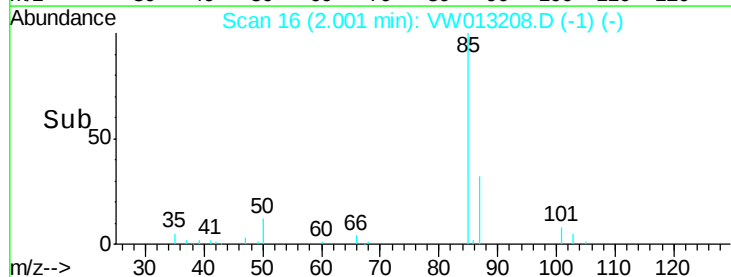
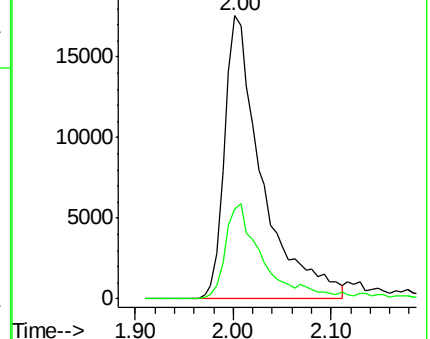
85 100

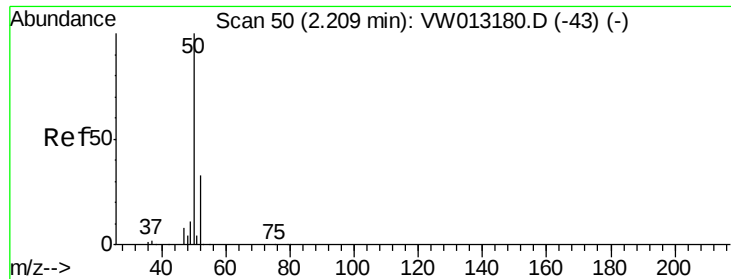
87 32.0 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 35.197 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

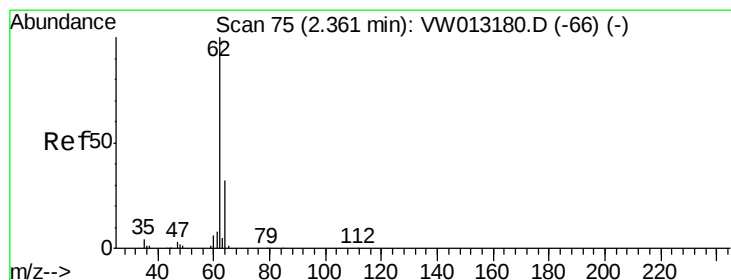
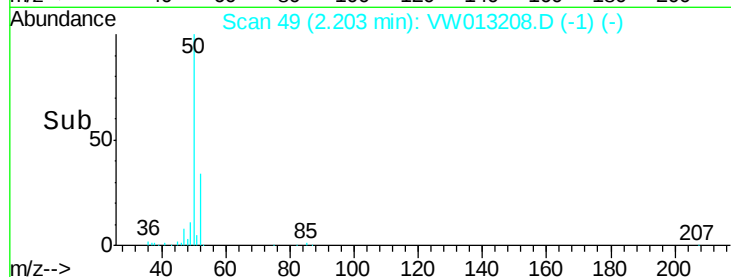
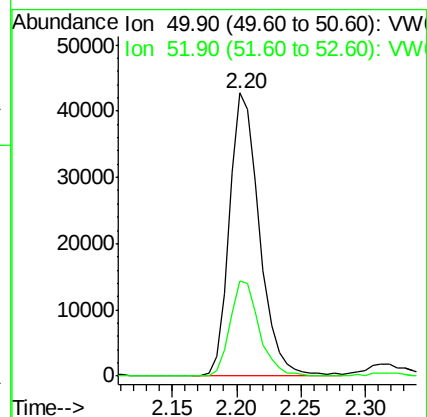
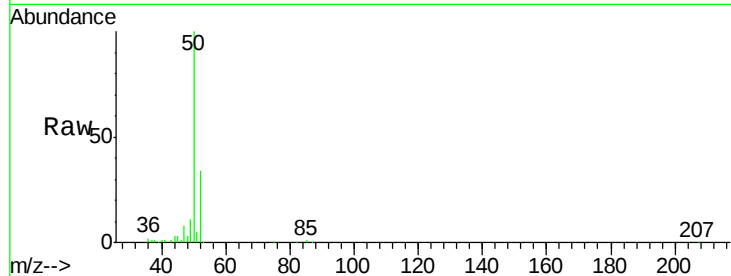
ClientSampleId :

Tot Ion: 50 Resp: 70117

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



#4

Vinyl Chloride

Concen: 37.403 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013208.D

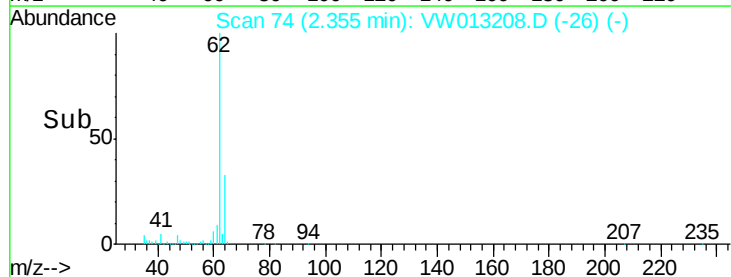
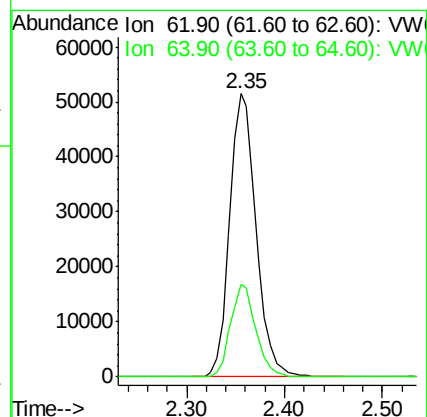
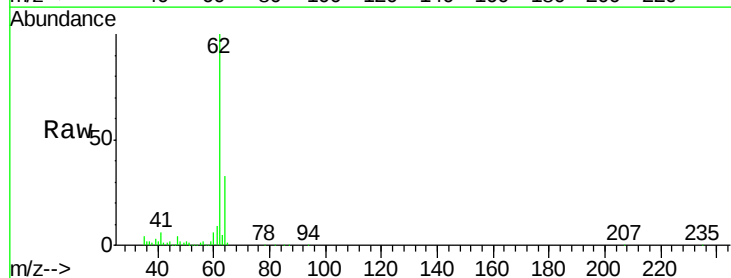
Acq: 21 Sep 2019 03:03

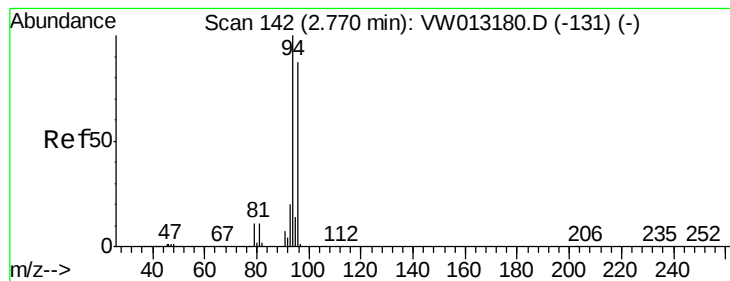
Tgt Ion: 62 Resp: 96061

Ion Ratio Lower Upper

62 100

64 33.0 25.3 37.9





#5

Bromomethane

Concen: 36.193 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

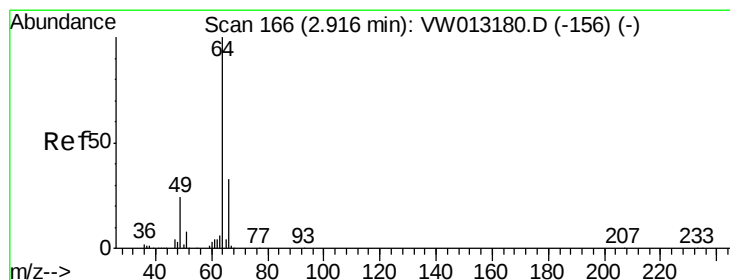
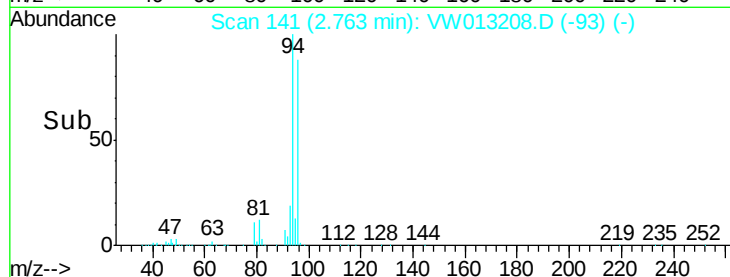
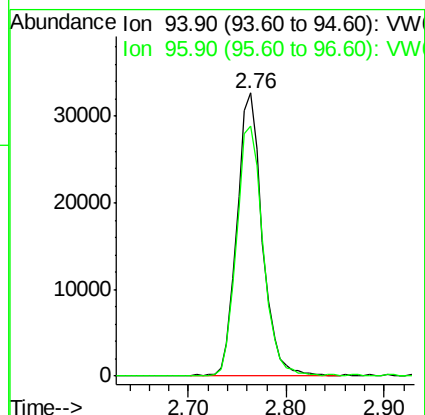
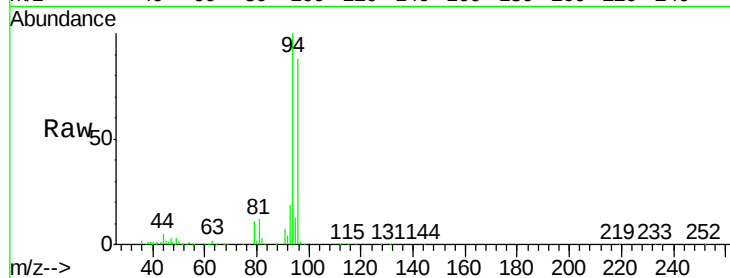
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 58907

Ion Ratio Lower Upper

94 100

96 88.5 69.7 104.5



#6

Chloroethane

Concen: 41.726 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013208.D

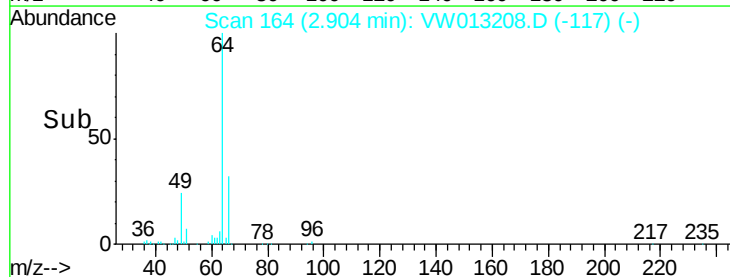
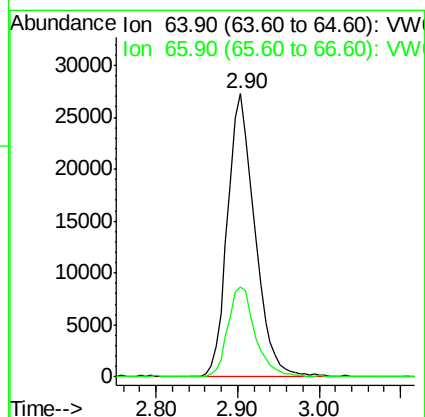
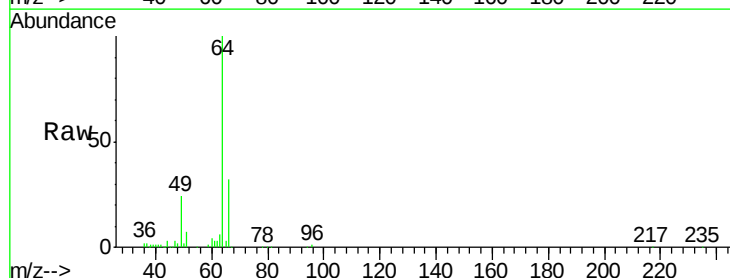
Acq: 21 Sep 2019 03:03

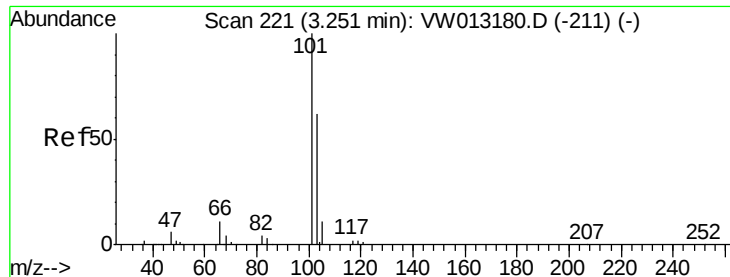
Tgt Ion: 64 Resp: 63168

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8



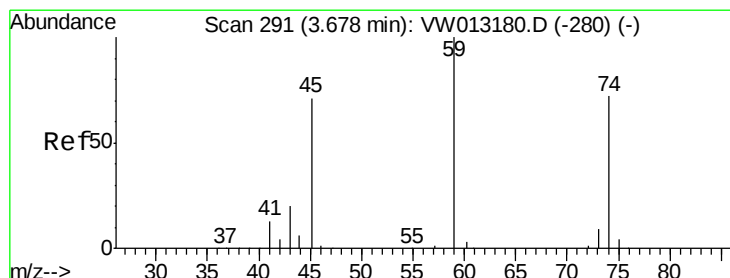
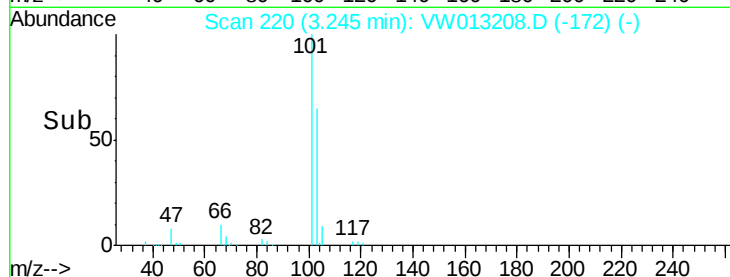
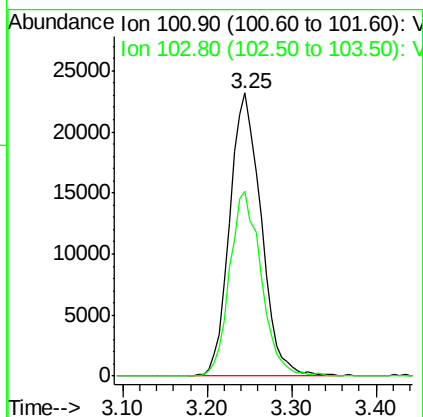
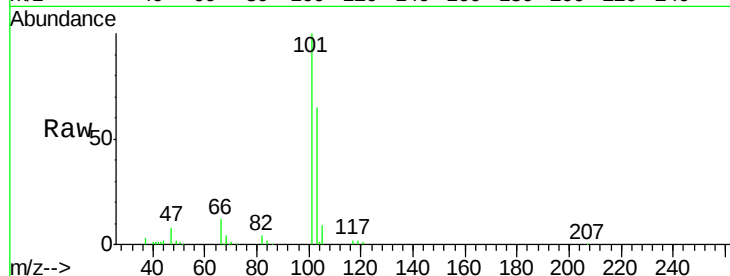


#7

Trichlorofluoromethane
Concen: 39.566 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Instrument :
MSVOA_W
ClientSampled :

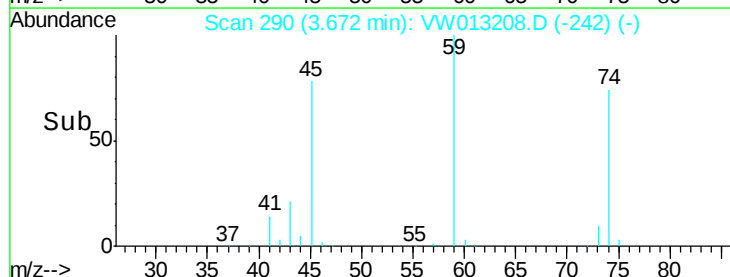
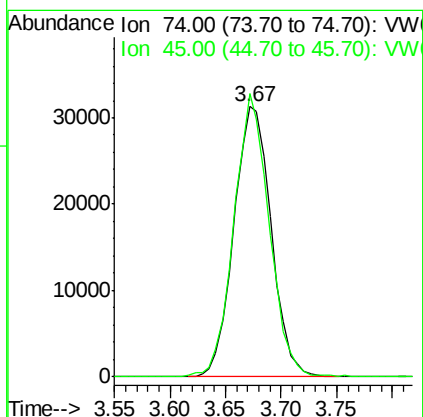
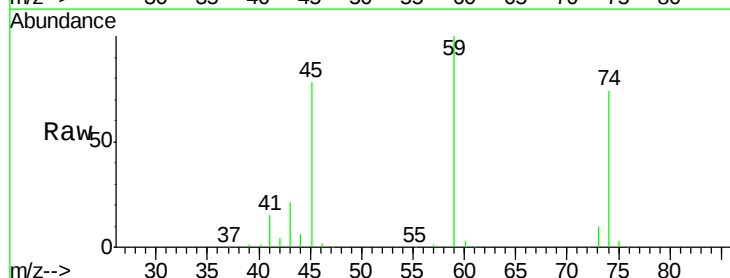
Tot Ion:101 Resp: 58595
Ion Ratio Lower Upper
101 100
103 65.4 49.7 74.5

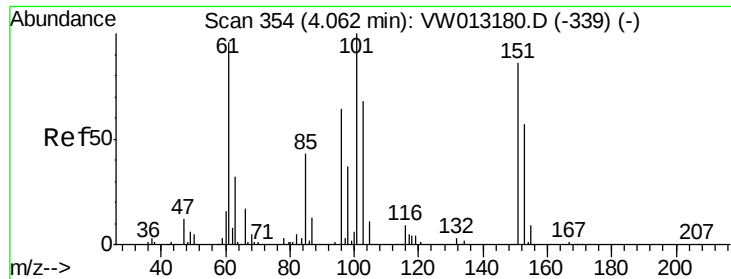


#8

Diethyl Ether
Concen: 57.390 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 74 Resp: 72596
Ion Ratio Lower Upper
74 100
45 99.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.979 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampled :

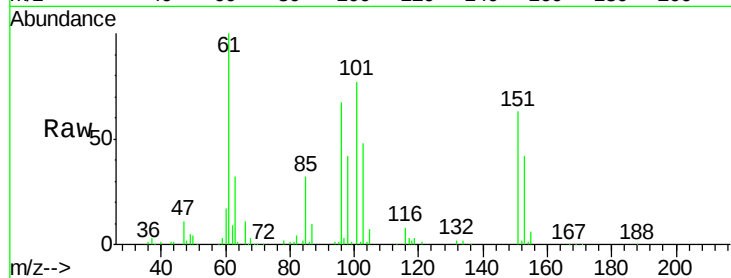
Tot Ion:101 Resp: 110859

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.0

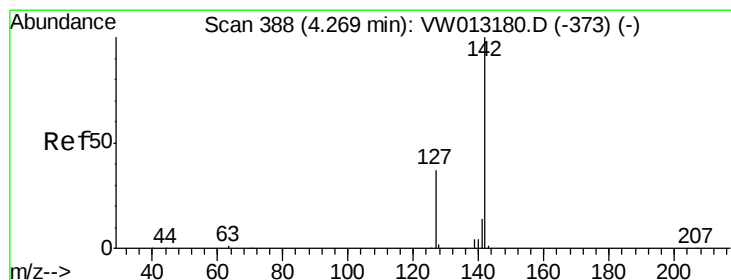
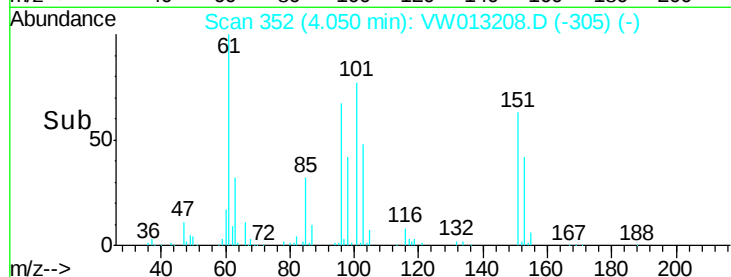
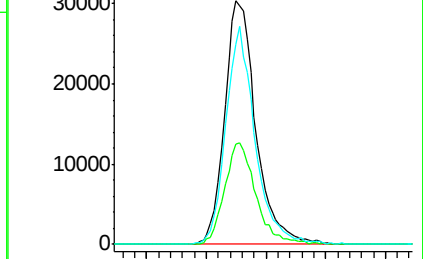
151 83.6 66.9 100.3



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: 40.082 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

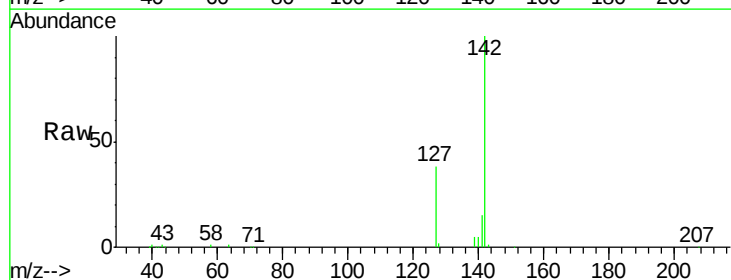
Tgt Ion:142 Resp: 149834

Ion Ratio Lower Upper

142 100

127 38.6 30.9 46.3

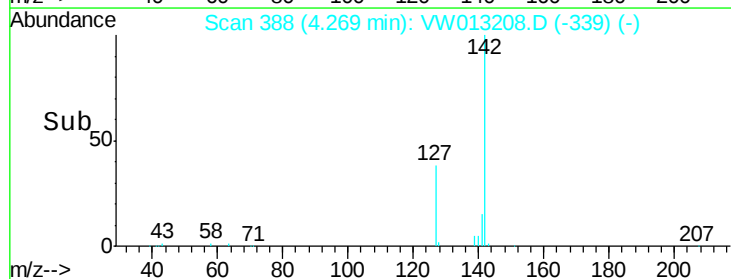
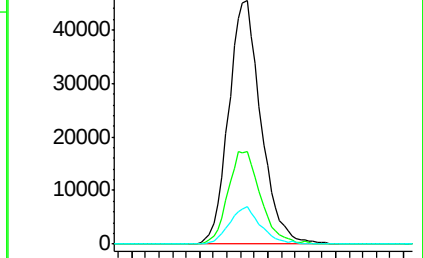
141 14.9 11.7 17.5

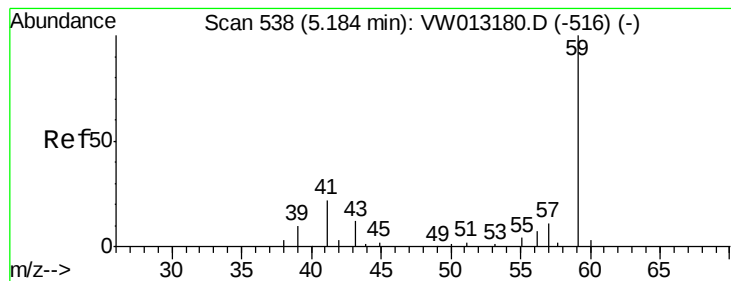


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 379.580 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

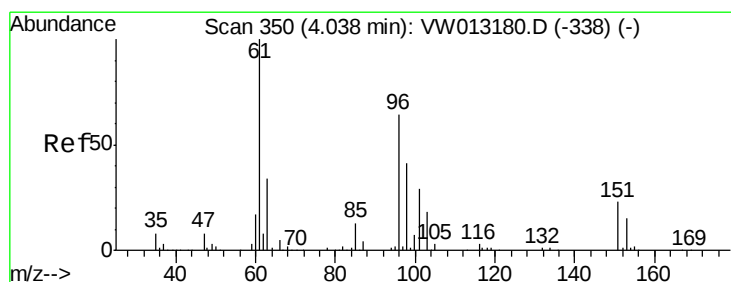
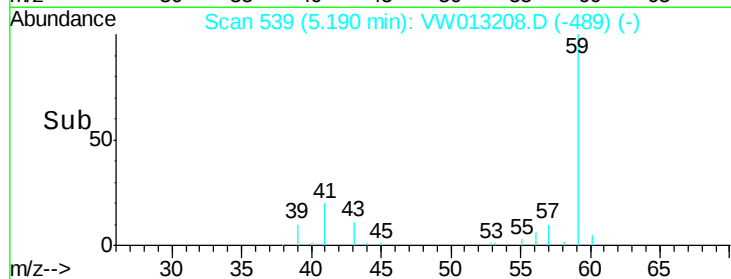
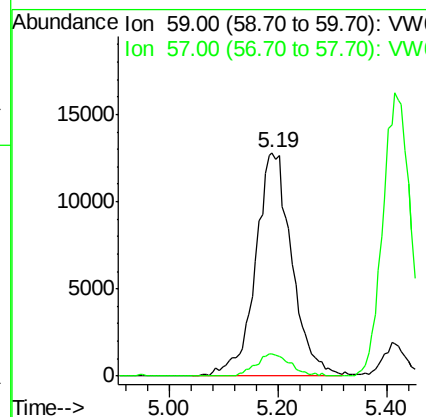
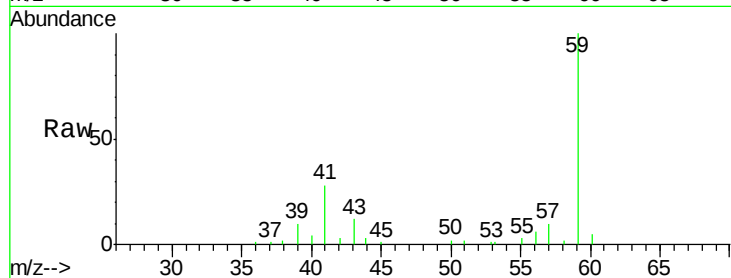
ClientSampleId :

Tot Ion: 59 Resp: 59087

Ion Ratio Lower Upper

59 100

57 9.3 8.2 12.2



#12

1,1-Dichloroethene

Concen: 43.763 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

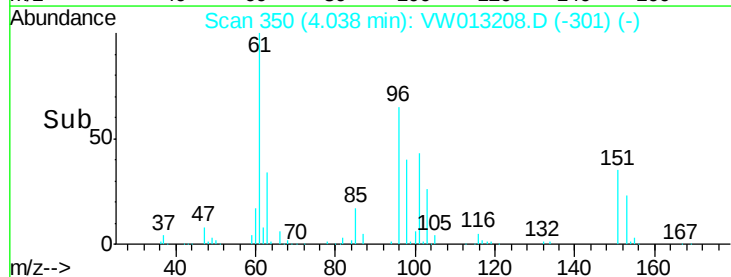
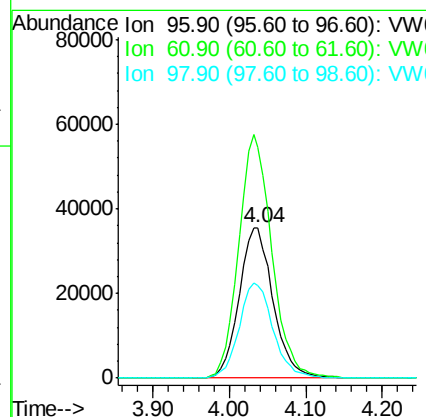
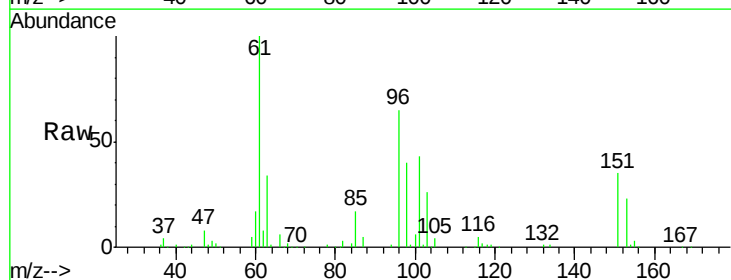
Tgt Ion: 96 Resp: 109265

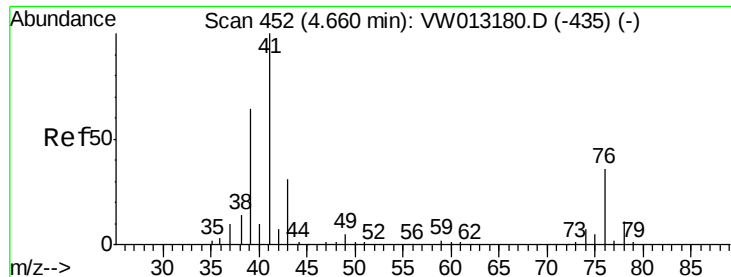
Ion Ratio Lower Upper

96 100

61 153.4 125.1 187.7

98 61.8 50.8 76.2





#14

Allvl chloride

Concen: 38.820 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

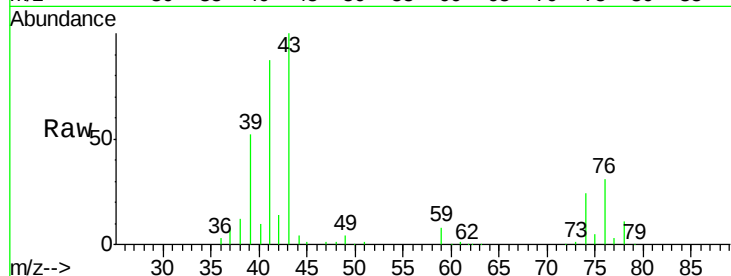
Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 154253

Ion	Ratio	Lower	Upper
41	100		
39	61.6	51.0	76.4
76	34.5	28.4	42.6

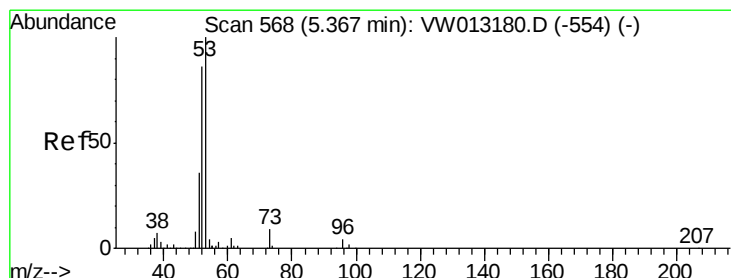
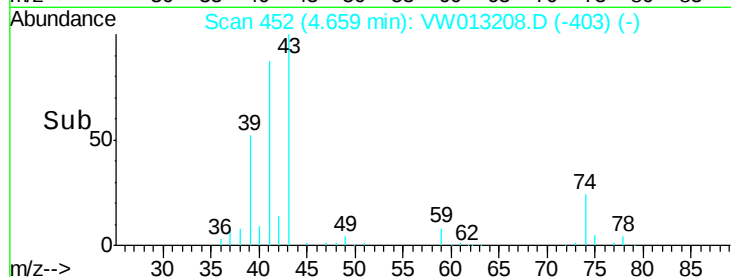
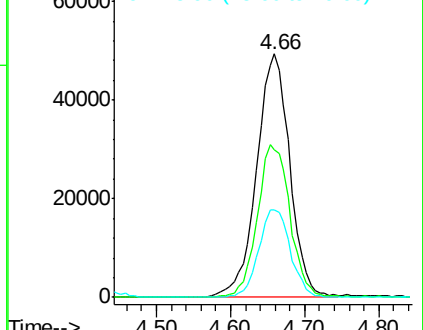


Abundance

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



#15

Acrylonitrile

Concen: 339.795 ug/l

RT: 5.37 min Scan# 568

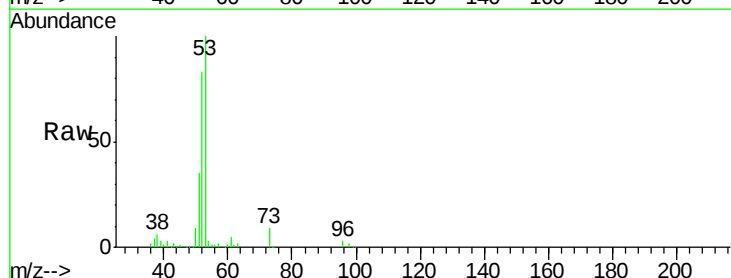
Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Tgt Ion: 53 Resp: 185522

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.3	97.9
51	35.1	29.0	43.4

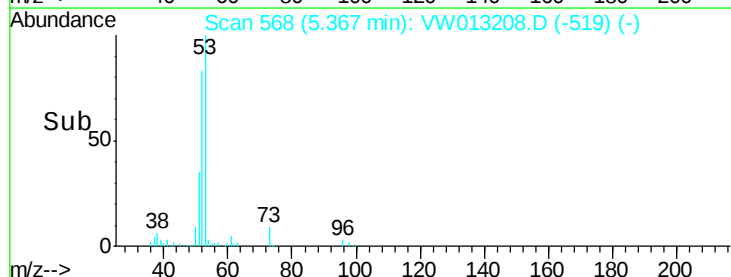
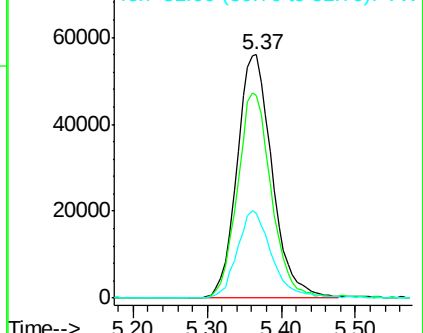


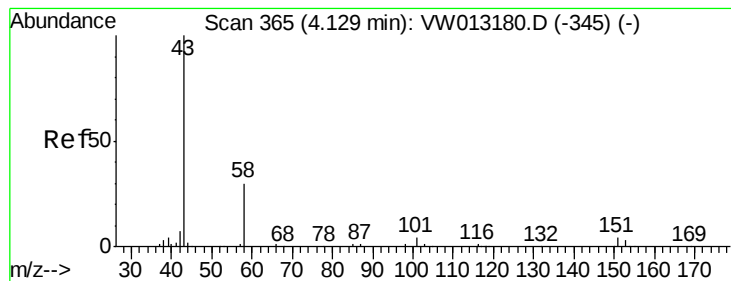
Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 323.723 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

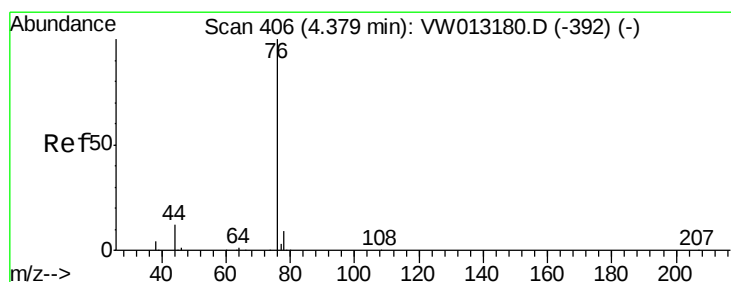
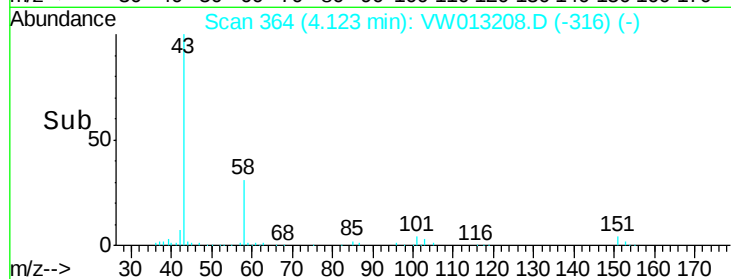
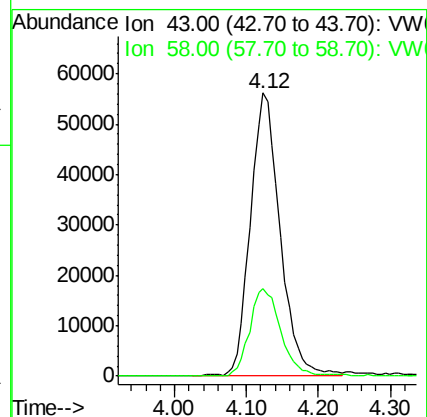
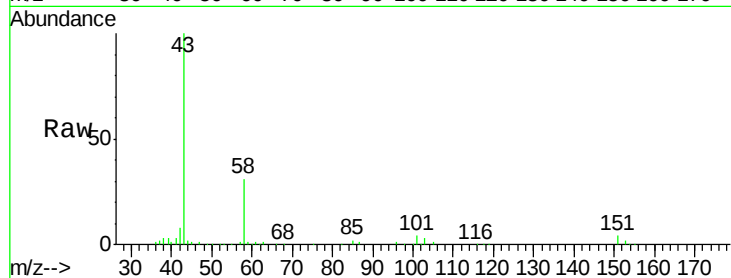
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 160073

Ion Ratio Lower Upper

43 100

58 31.0 24.1 36.1



#17

Carbon Disulfide

Concen: 26.477 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013208.D

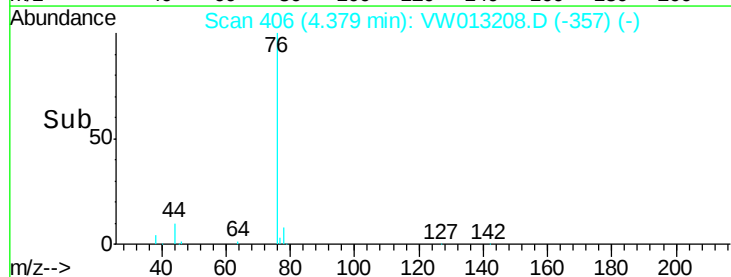
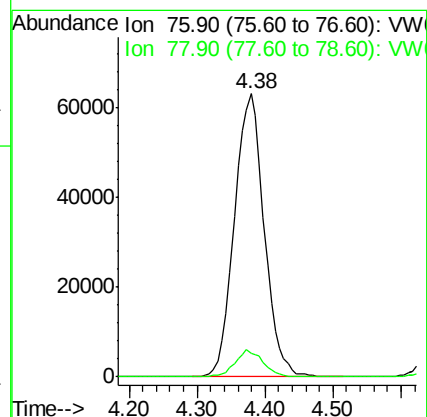
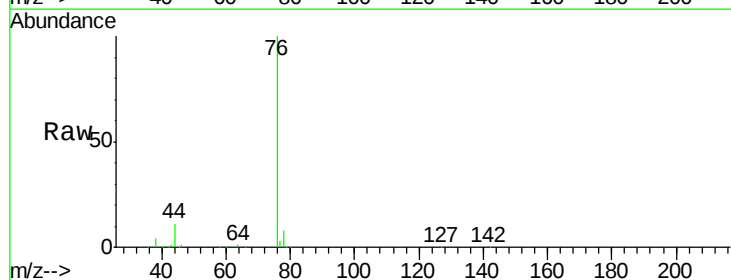
Acq: 21 Sep 2019 03:03

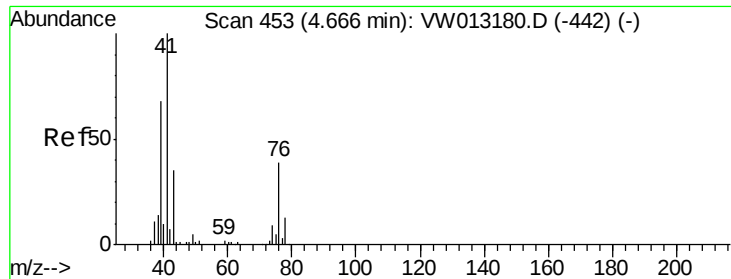
Tgt Ion: 76 Resp: 191070

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4

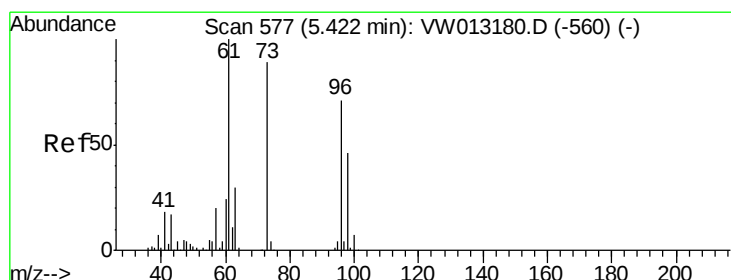
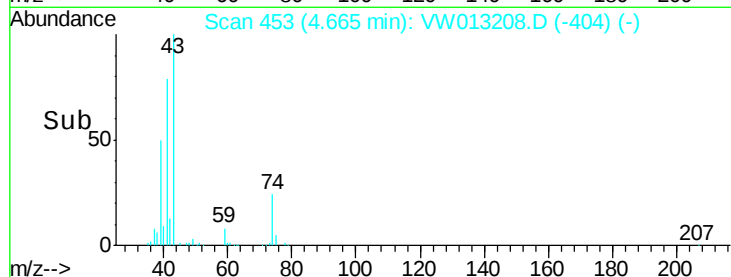
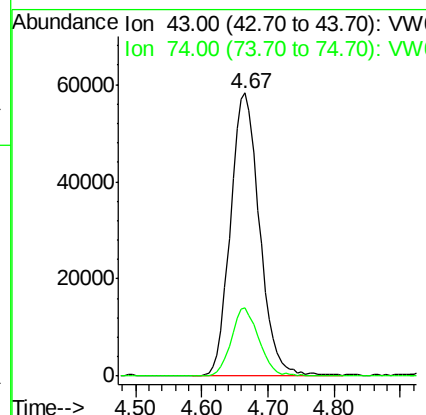
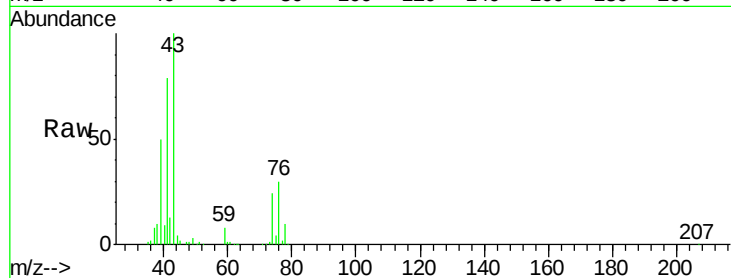




#18
Methyl Acetate
Concen: 126.650 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

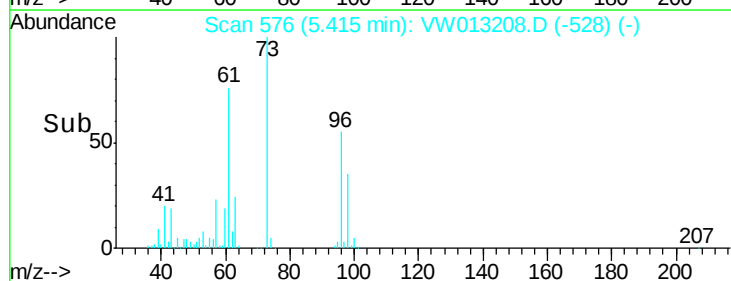
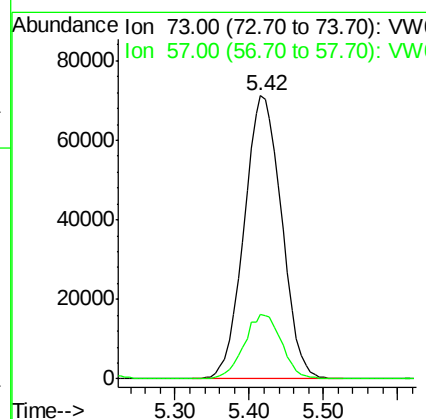
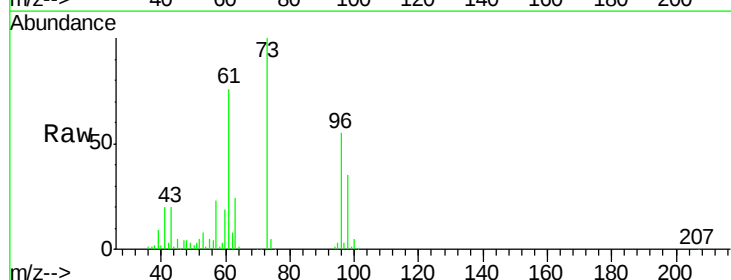
Instrument :
MSVOA_W
ClientSampled :

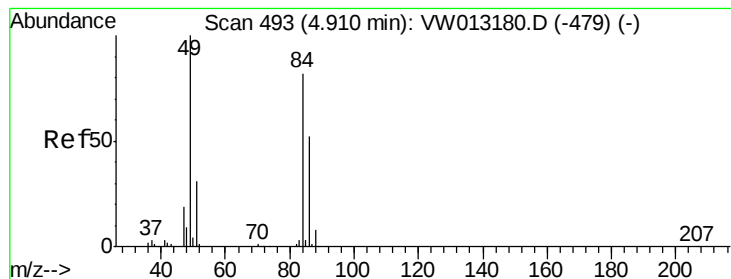
Tot Ion: 43 Resp: 176039
Ion Ratio Lower Upper
43 100
74 23.0 19.3 28.9



#19
Methyl tert-butyl Ether
Concen: 65.632 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 73 Resp: 251143
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4





#20

Methylene Chloride

Concen: 57.434 ug/l

RT: 4.91 min Scan# 493

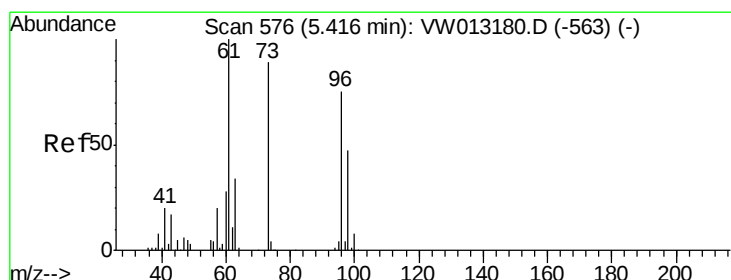
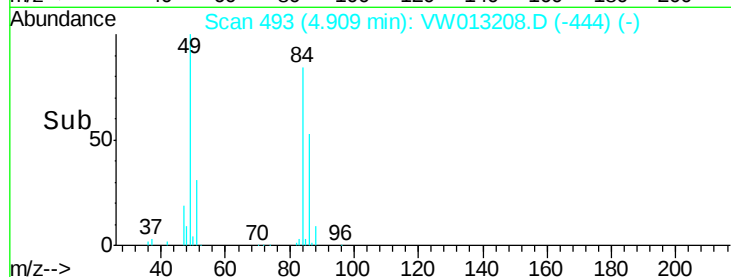
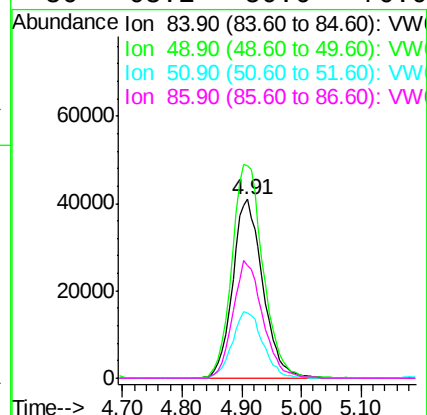
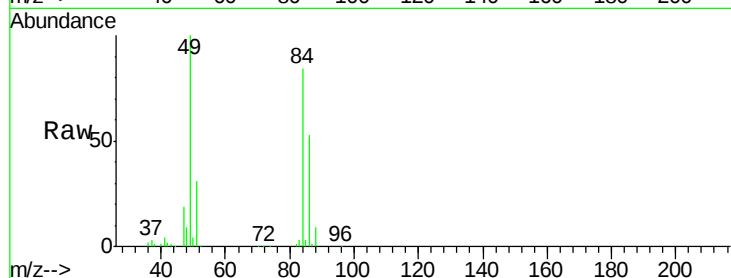
Delta R.T. 0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	84	Resp:	144152
Ion	Ratio	Lower	Upper
84	100		
49	118.8	97.6	146.4
51	36.8	30.2	45.2
86	63.1	50.6	76.0



#21

trans-1,2-Dichloroethene

Concen: 43.732 ug/l

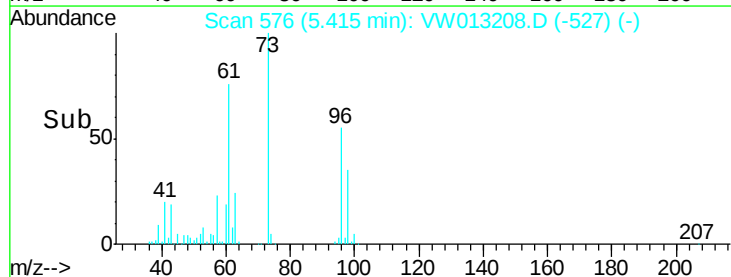
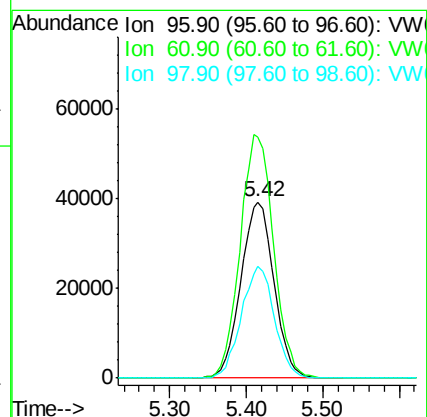
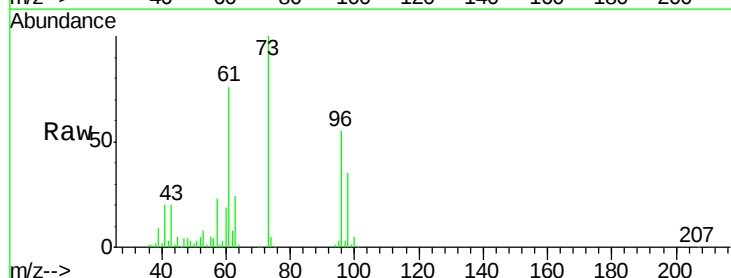
RT: 5.42 min Scan# 576

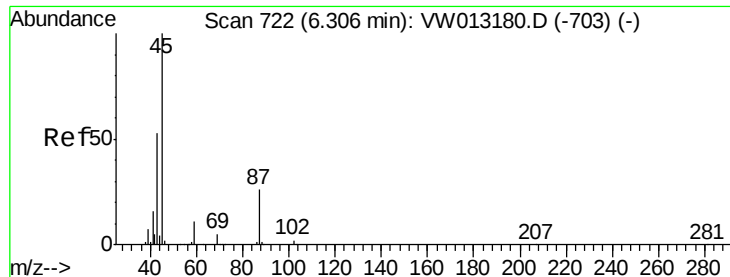
Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Tgt Ion:	96	Resp:	118011
Ion	Ratio	Lower	Upper
96	100		
61	136.9	106.6	159.8
98	63.4	49.8	74.8





#22

Diisopropyl ether

Concen: 61.925 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

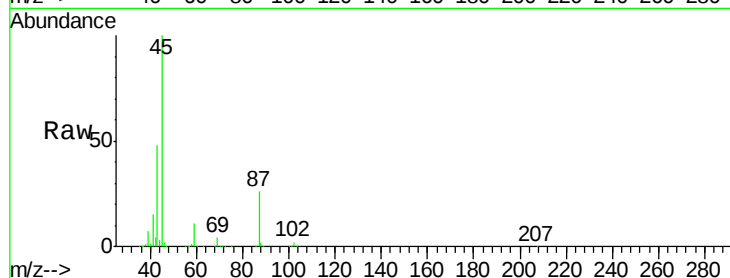
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 45 Resp: 467910

Ion	Ratio	Lower	Upper
45	100		
43	47.7	42.4	63.6
87	25.7	20.4	30.6
59	10.7	8.8	13.2

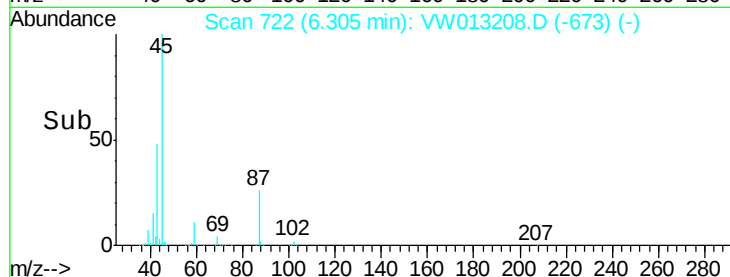


Abundance Ion 45.00 (44.70 to 45.70): VW

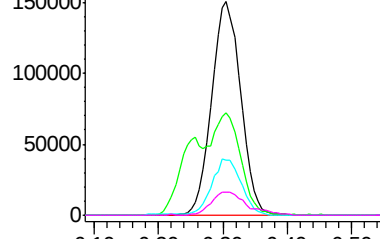
Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

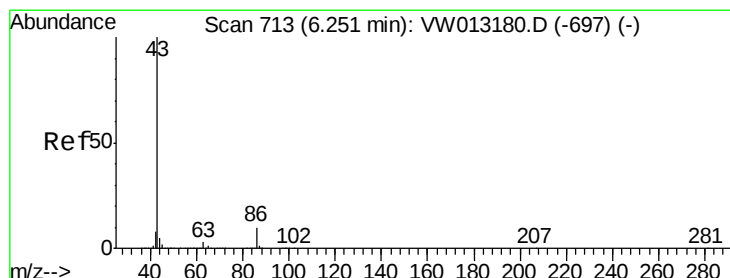
Ion 59.00 (58.70 to 59.70): VW



Time-->



Time-->



#23

Vinyl Acetate

Concen: 30.587 ug/l

RT: 6.26 min Scan# 714

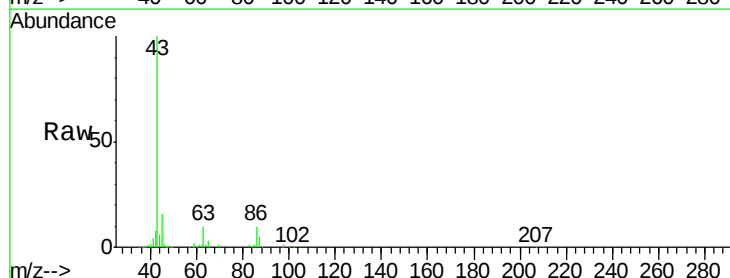
Delta R.T. 0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

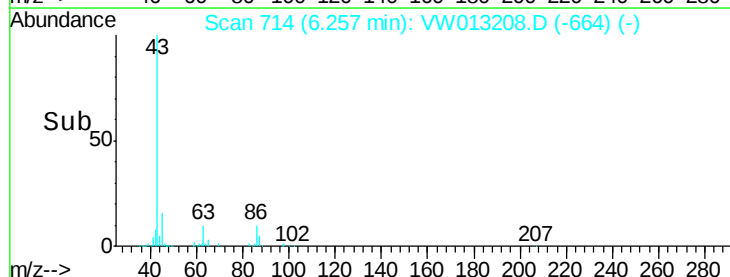
Tgt Ion: 43 Resp: 137110

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.3	12.5

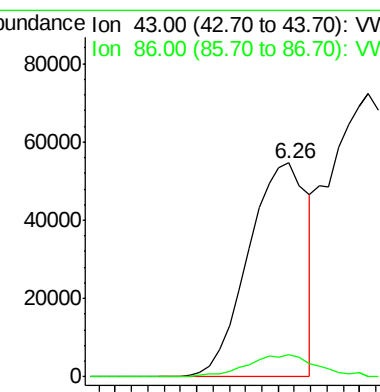


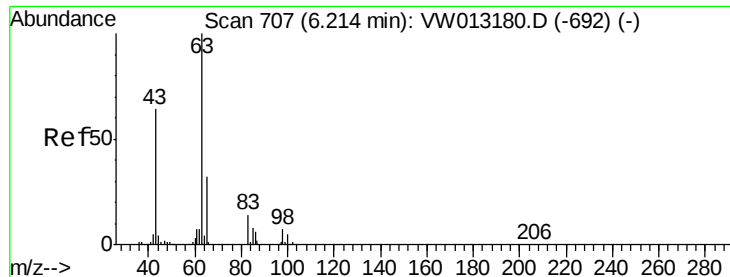
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#24

1,1-Dichloroethane

Concen: 57.381 ug/l

RT: 6.21 min Scan# 706

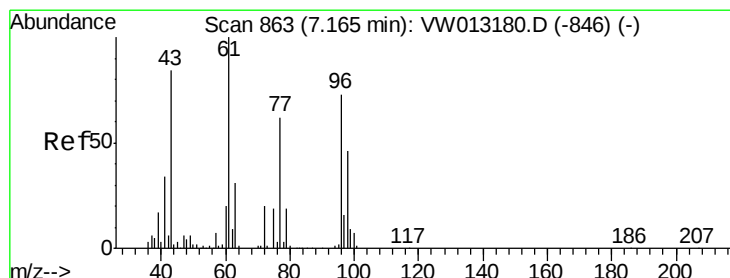
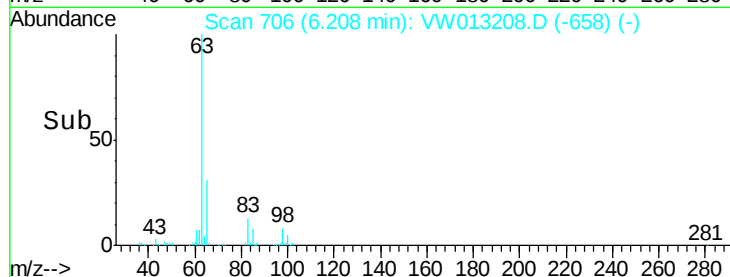
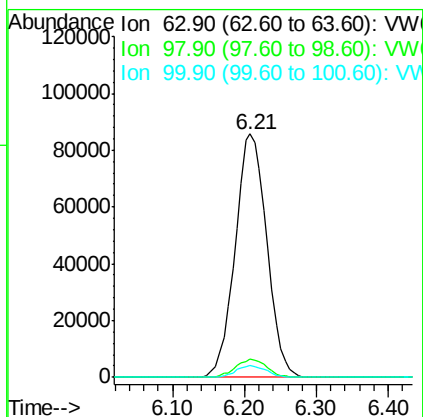
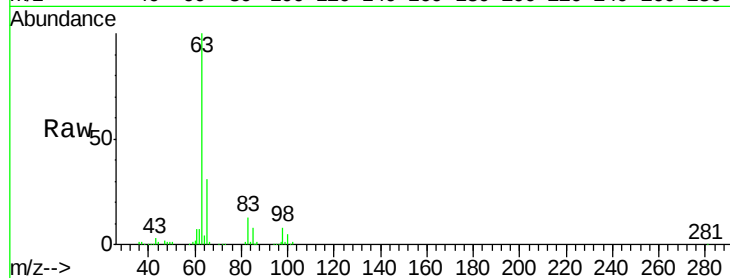
Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	63	Resp:	261632
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.5
100	5.1	2.4	7.1



#25

2-Butanone

Concen: 327.013 ug/l

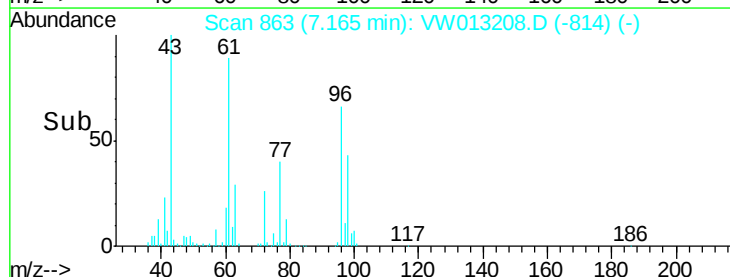
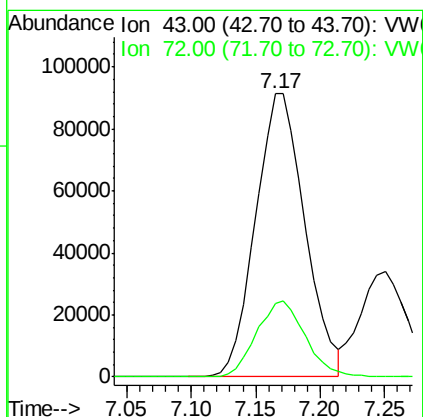
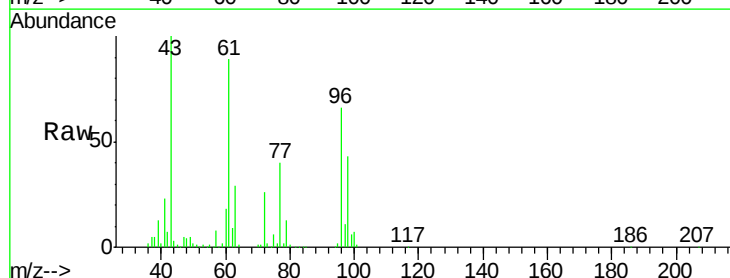
RT: 7.17 min Scan# 863

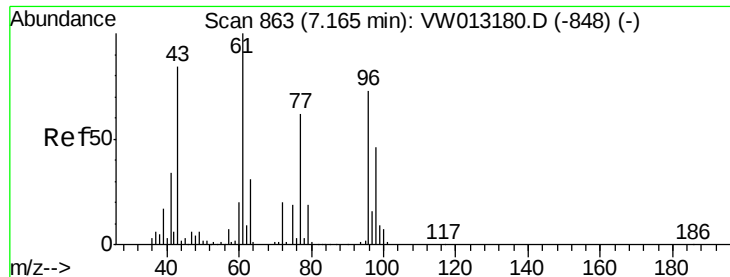
Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Tgt Ion:	43	Resp:	242738
Ion	Ratio	Lower	Upper
43	100		
72	25.9	19.4	29.0





#26

2,2-Dichloropropane

Concen: 39.362 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

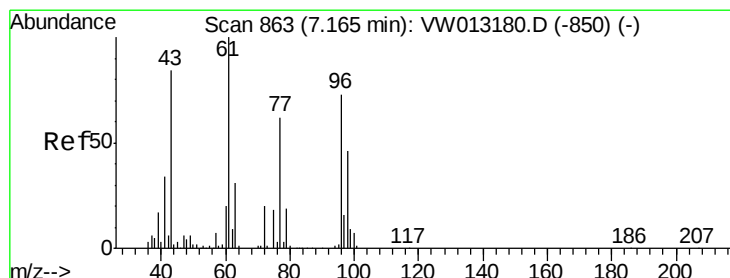
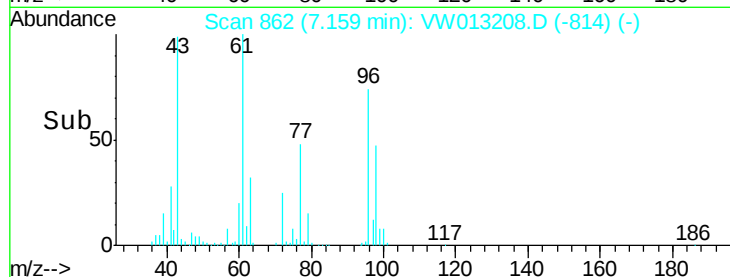
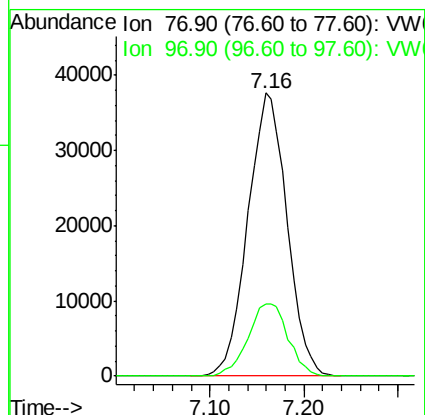
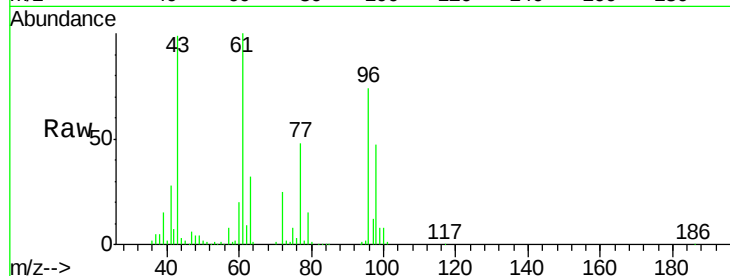
ClientSampleId :

Tot Ion: 77 Resp: 109319

Ion Ratio Lower Upper

77 100

97 26.3 11.8 35.4



#27

cis-1,2-Dichloroethene

Concen: 55.811 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

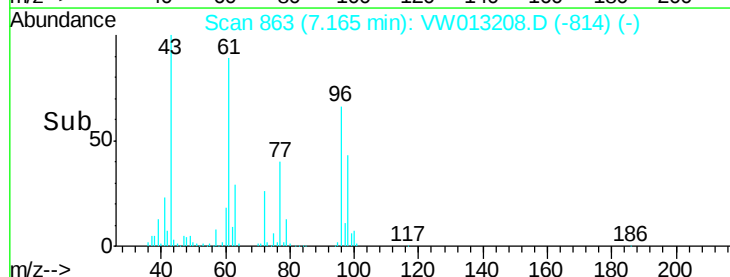
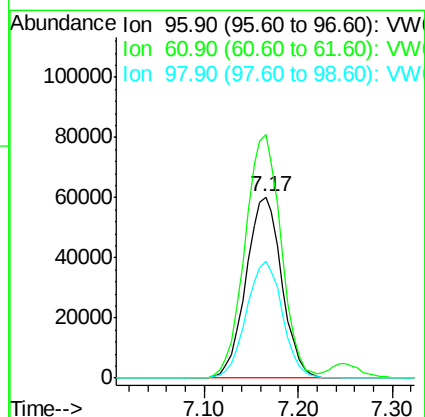
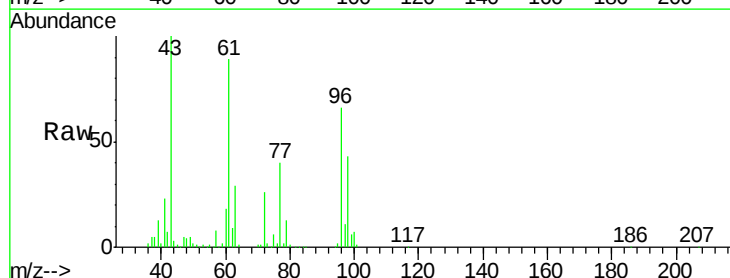
Tgt Ion: 96 Resp: 158940

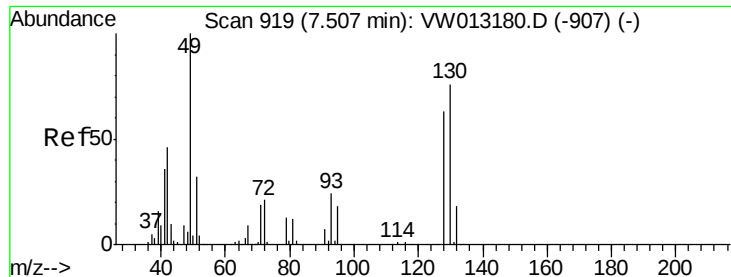
Ion Ratio Lower Upper

96 100

61 136.1 0.0 282.4

98 65.1 0.0 128.2

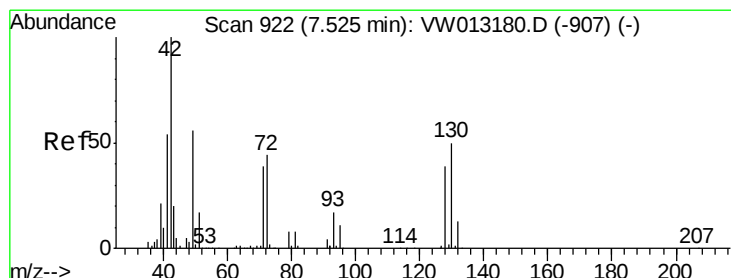
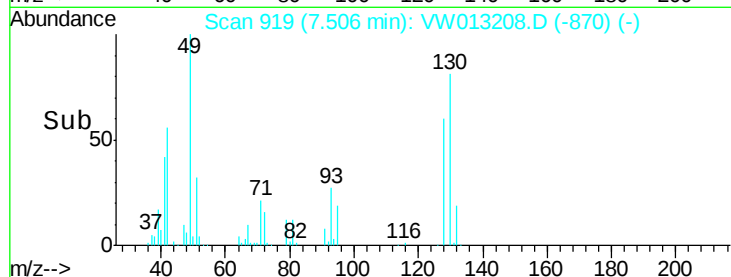
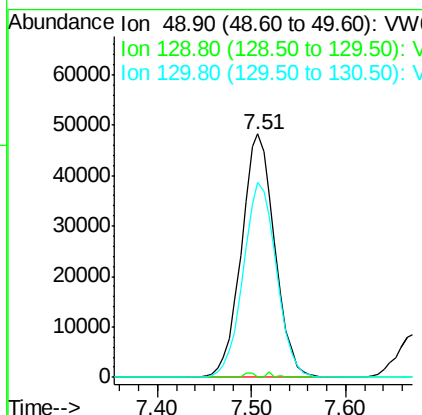
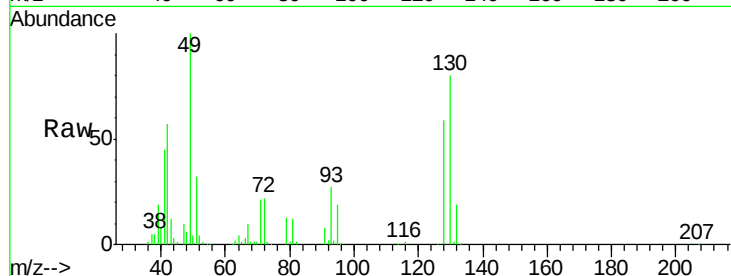




#28
Bromochloromethane
Concen: 68.167 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

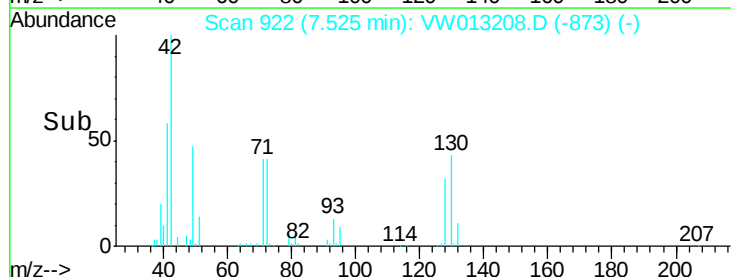
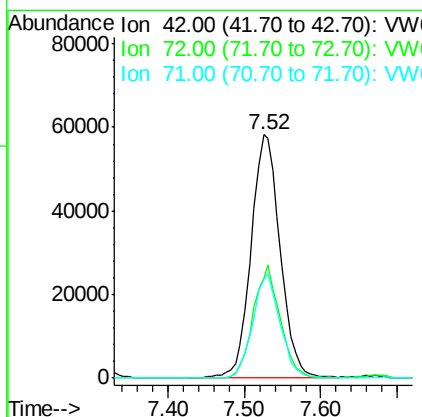
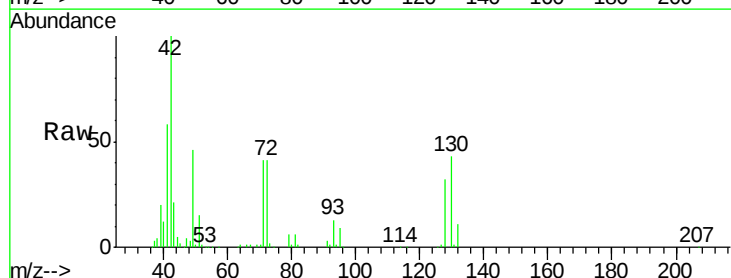
Instrument :
MSVOA_W
ClientSampled :

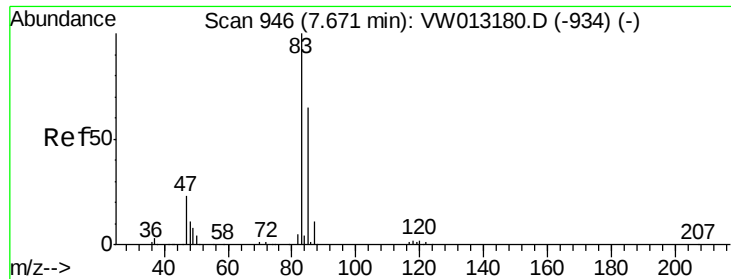
Tot Ion: 49 Resp: 119290
Ion Ratio Lower Upper
49 100
129 0.6 0.0 1.0
130 80.1 63.4 95.2



#29
Tetrahydrofuran
Concen: 340.652 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 42 Resp: 155072
Ion Ratio Lower Upper
42 100
72 42.7 33.9 50.9
71 40.1 31.9 47.9

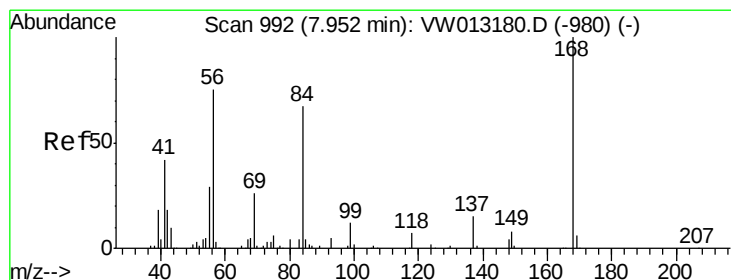
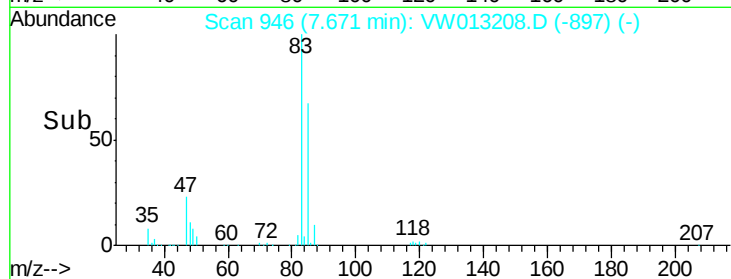
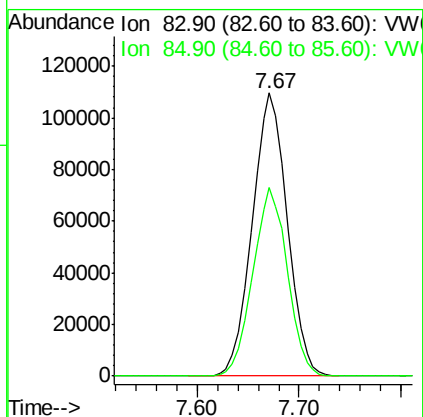
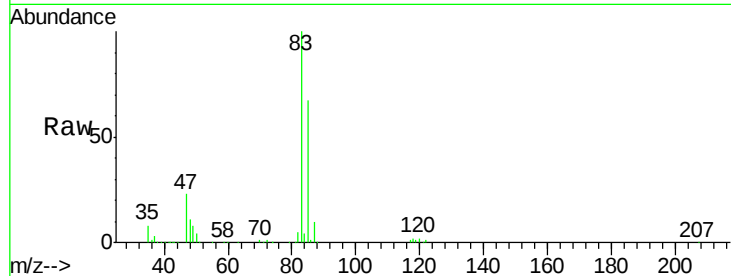




#30
Chloroform
Concen: 58.486 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

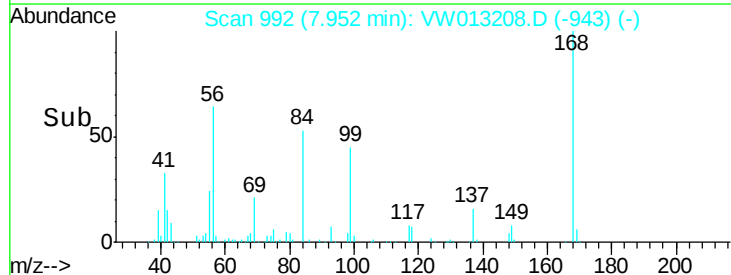
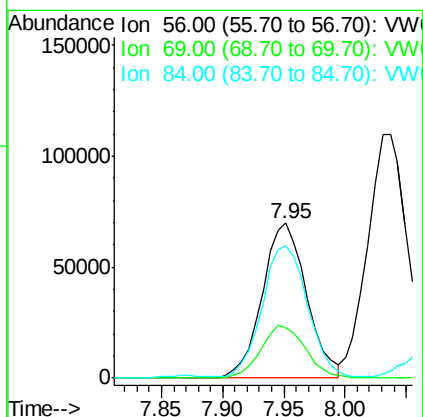
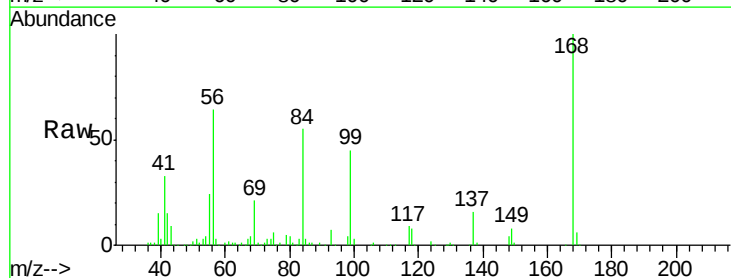
Instrument :
MSVOA_W
ClientSampled :

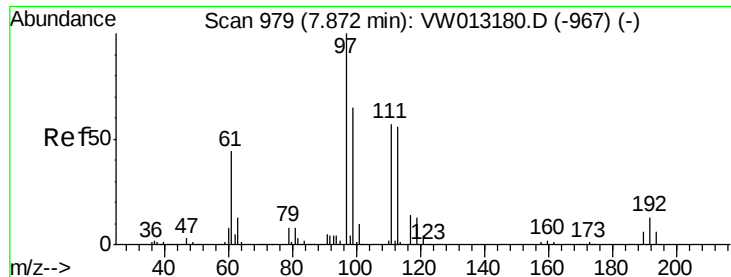
Tot Ion: 83 Resp: 261081
Ion Ratio Lower Upper
83 100
85 66.7 52.3 78.5



#31
Cyclohexane
Concen: 37.105 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 56 Resp: 176357
Ion Ratio Lower Upper
56 100
69 32.5 27.2 40.8
84 83.9 70.8 106.2





#32

1,1,1-Trichloroethane

Concen: 53.471 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampleId :

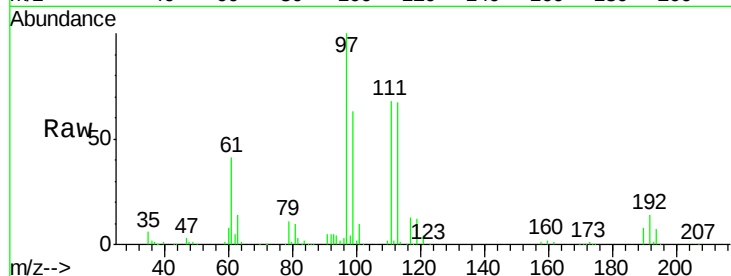
Tot Ion: 97 Resp: 193321

Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 42.5 34.6 51.8

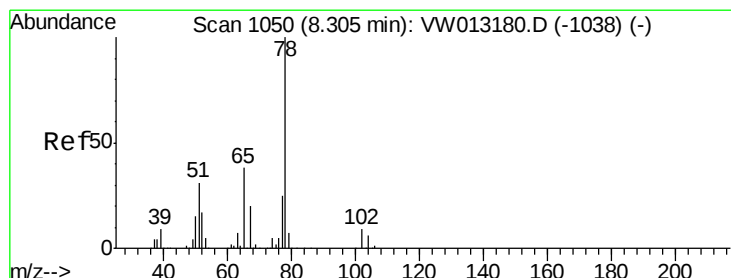
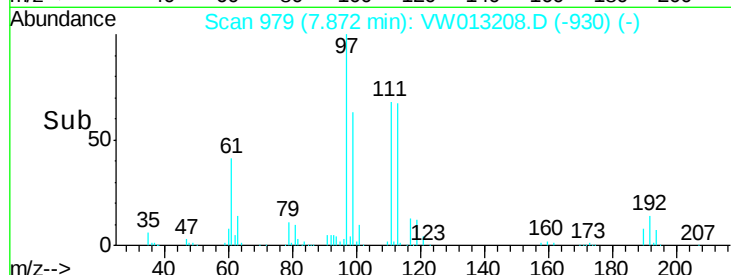
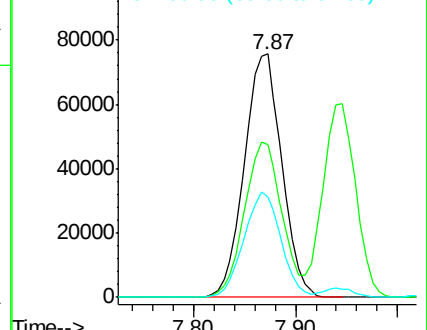


Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 66.330 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013208.D

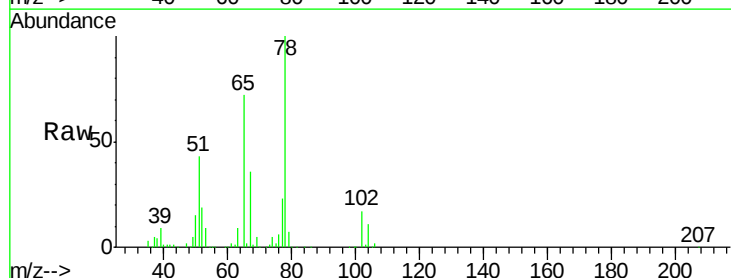
Acq: 21 Sep 2019 03:03

Tgt Ion: 65 Resp: 145441

Ion Ratio Lower Upper

65 100

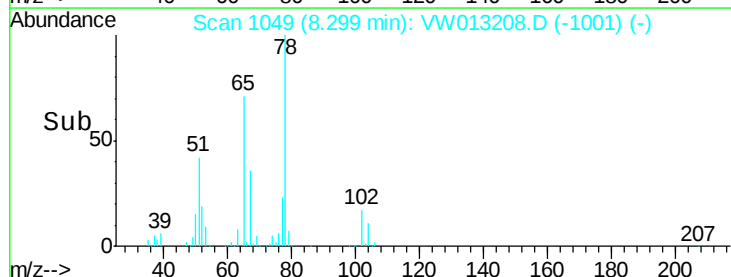
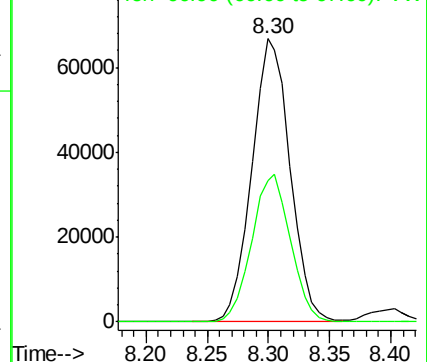
67 52.8 0.0 106.2

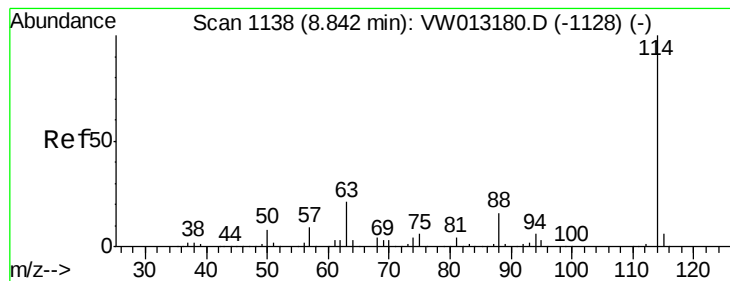


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampleId :

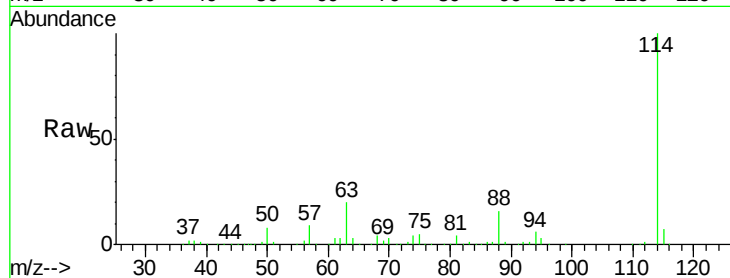
Tot Ion:114 Resp: 470621

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

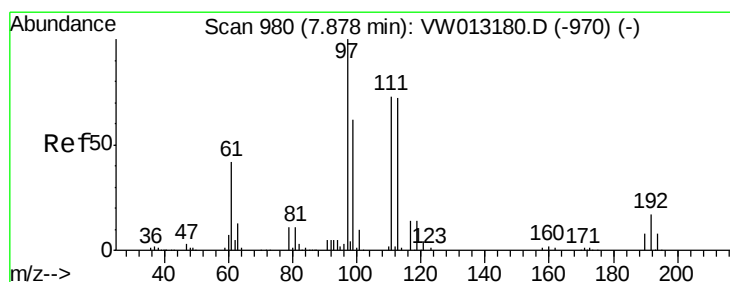
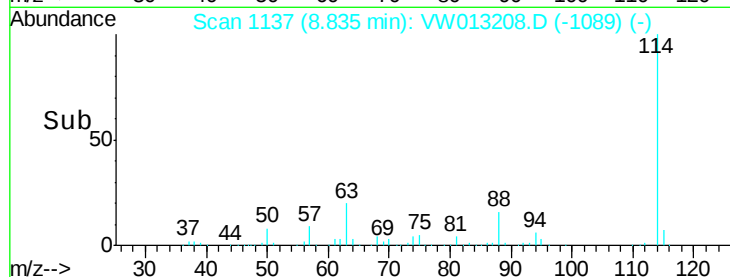
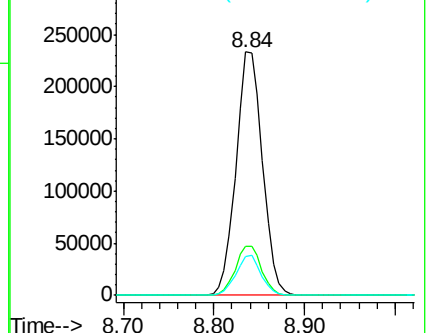
88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.099 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

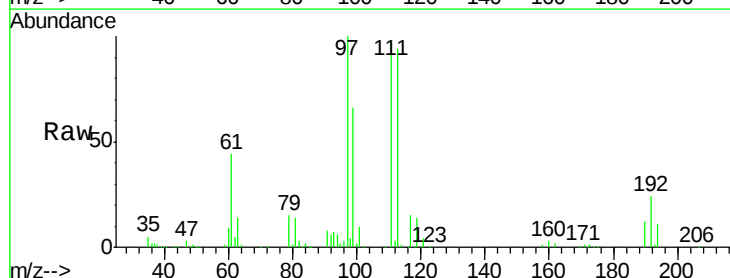
Tgt Ion:113 Resp: 137442

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

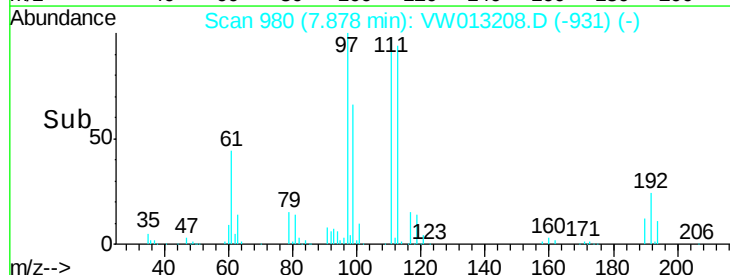
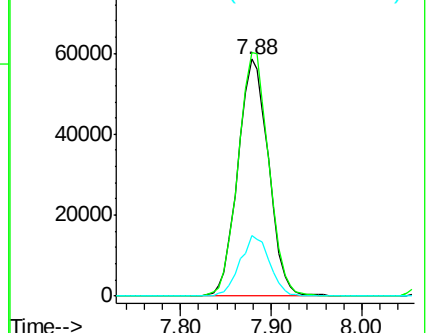
192 24.5 19.1 28.7

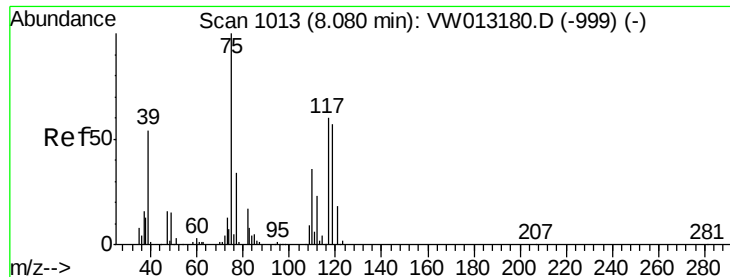


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

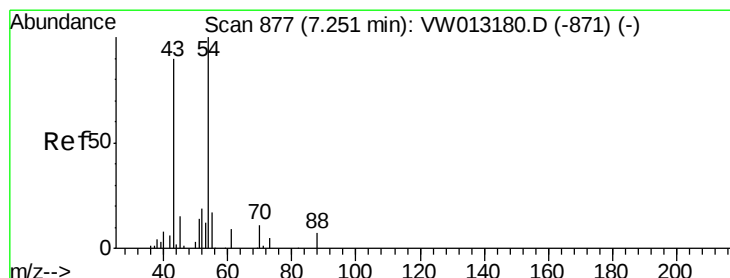
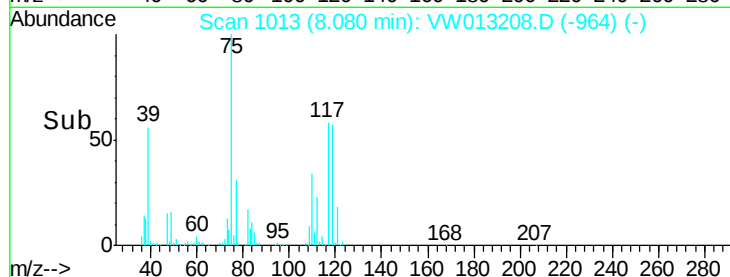
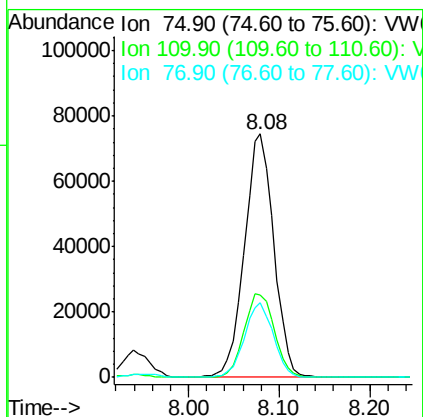
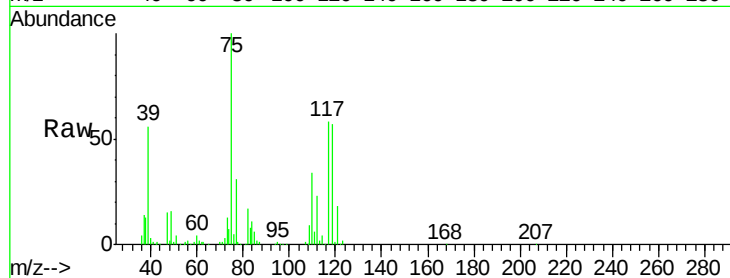




#36
 1,1-Dichloropropene
 Concen: 36.643 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013208.D
 Acq: 21 Sep 2019 03:03

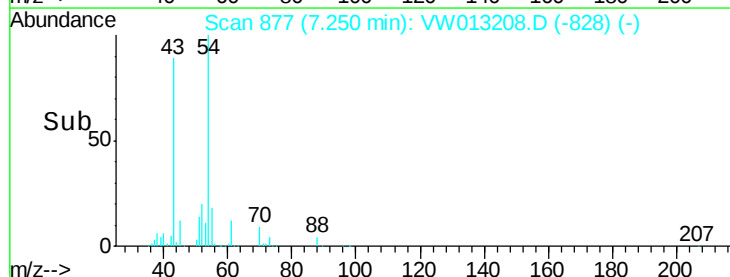
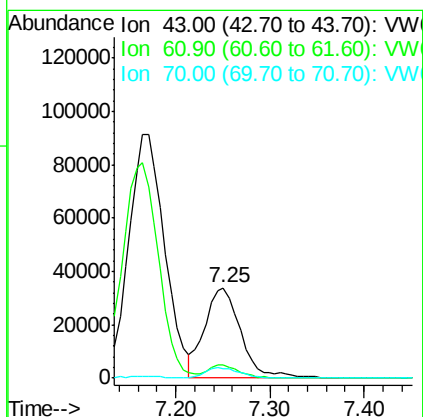
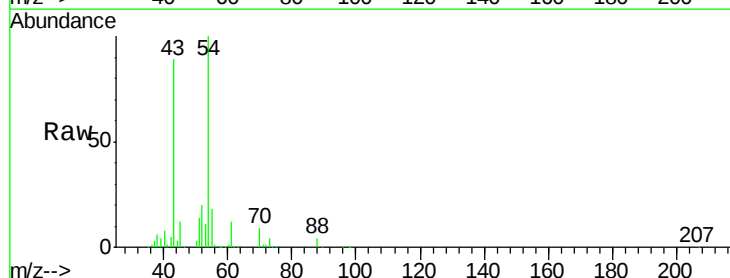
Instrument :
 MSVOA_W
 ClientSampled :

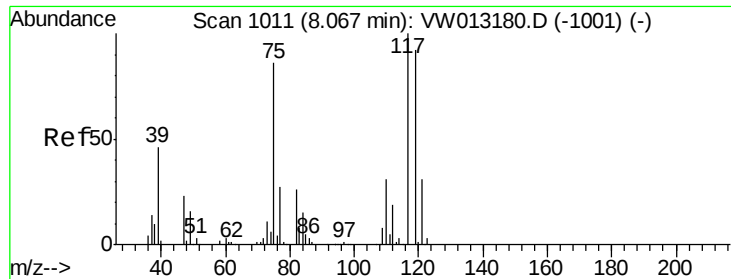
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.1	54.3
77	30.4	25.8	38.6



#37
 Ethyl Acetate
 Concen: 46.118 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW013208.D
 Acq: 21 Sep 2019 03:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.9	16.3
70	10.8	8.2	12.2

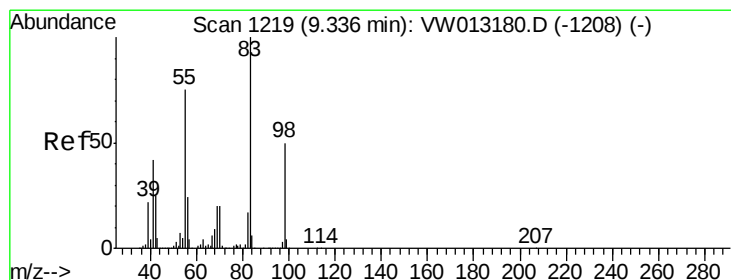
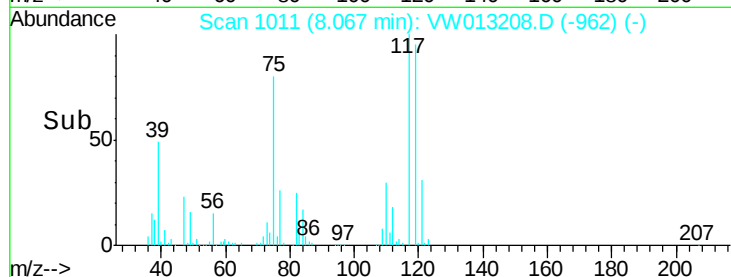
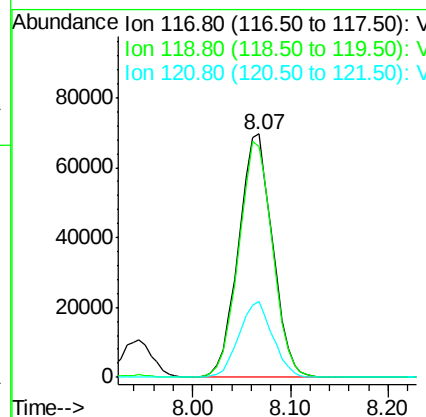
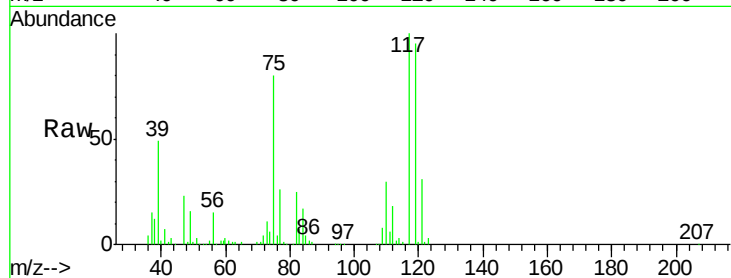




#38
Carbon Tetrachloride
Concen: 41.115 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

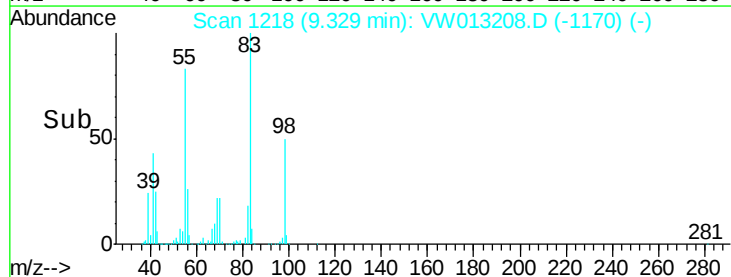
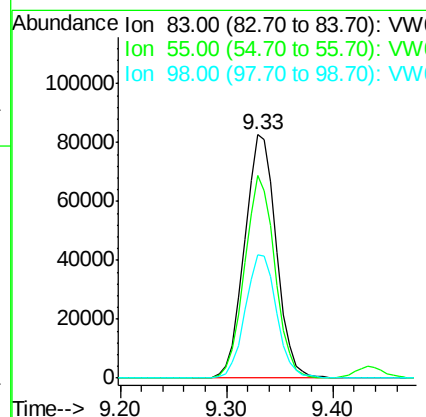
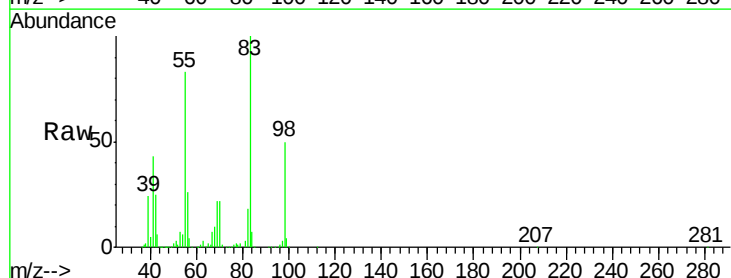
Instrument :
MSVOA_W
ClientSampleId :

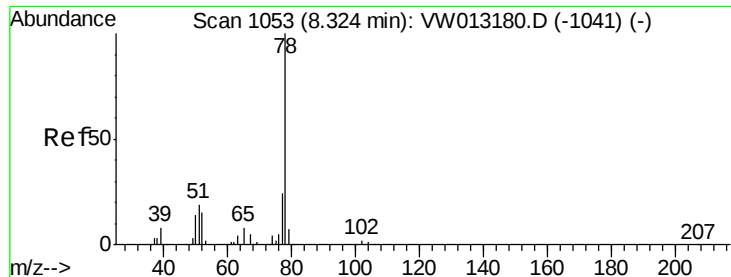
Tot Ion:117 Resp: 168005
Ion Ratio Lower Upper
117 100
119 95.0 73.5 110.3
121 31.3 25.0 37.6



#39
Methylcyclohexane
Concen: 29.550 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 83 Resp: 173101
Ion Ratio Lower Upper
83 100
55 83.1 60.4 90.6
98 50.4 40.0 60.0

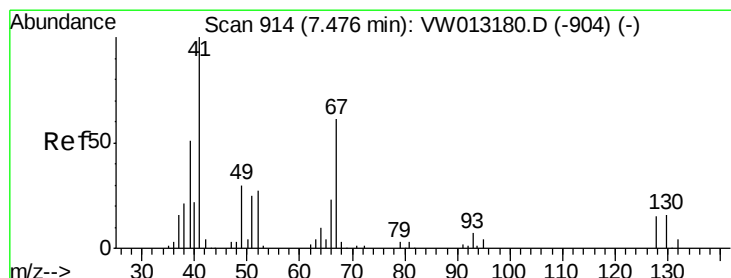
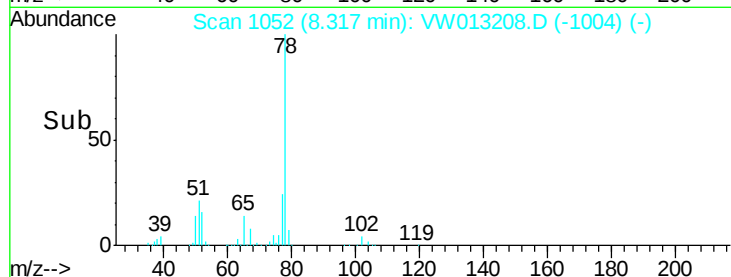
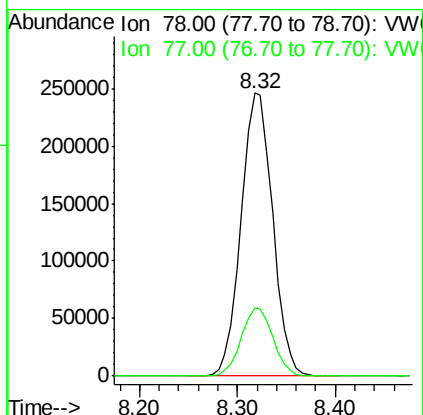
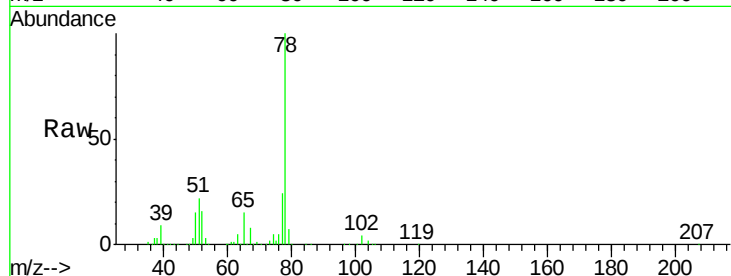




#40
Benzene
Concen: 43.392 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

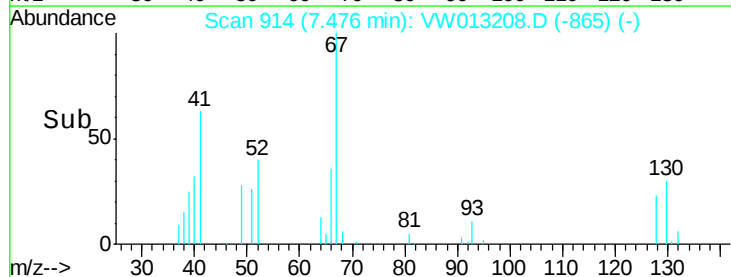
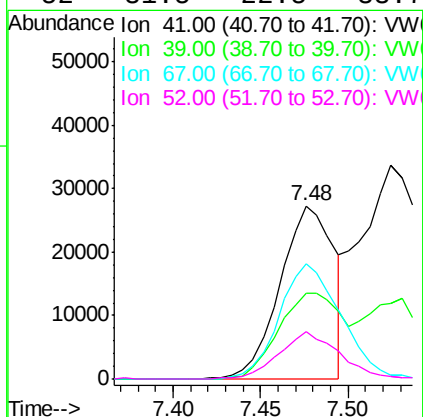
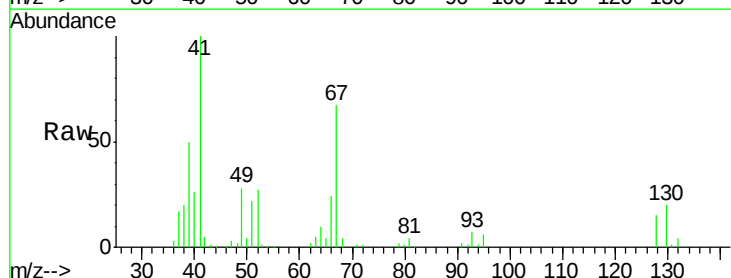
Instrument :
MSVOA_W
ClientSampled :

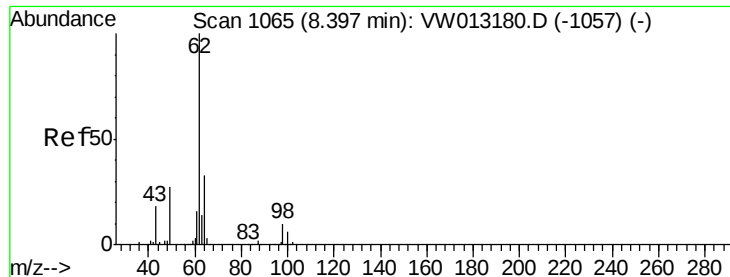
Tot Ion: 78 Resp: 551709
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



#41
Methacrylonitrile
Concen: 50.623 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 41 Resp: 58532
Ion Ratio Lower Upper
41 100
39 58.2 45.9 68.9
67 77.1 54.5 81.7
52 31.5 22.5 33.7





#42

1,2-Dichloroethane

Concen: 48.871 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

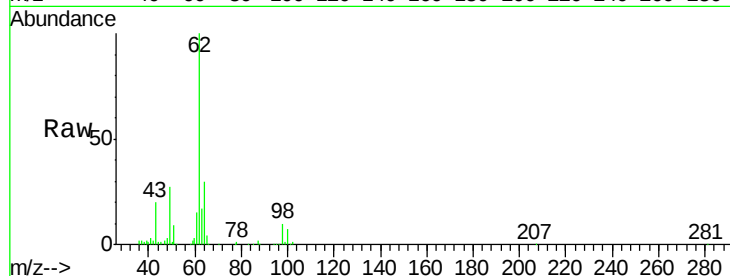
ClientSampled :

Tot Ion: 62 Resp: 167035

Ion Ratio Lower Upper

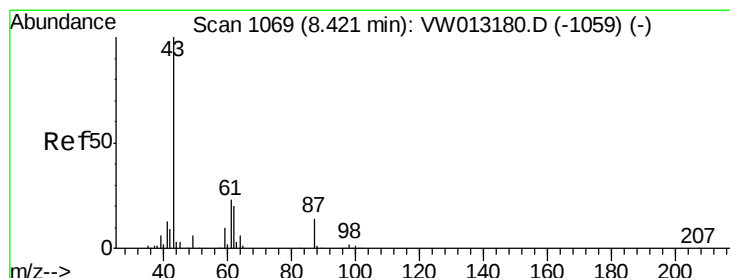
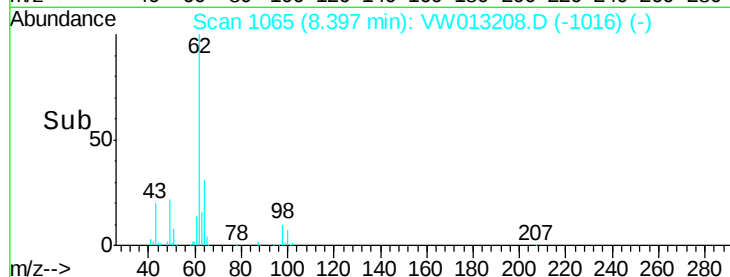
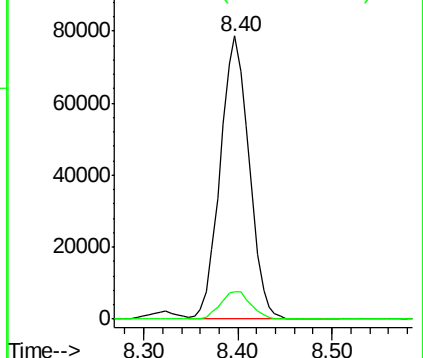
62 100

98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#43

Isopropyl Acetate

Concen: 50.547 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

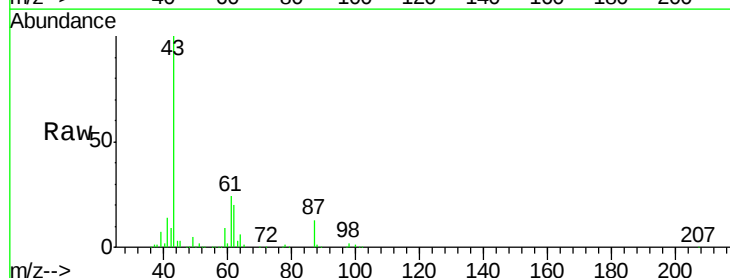
Tgt Ion: 43 Resp: 187680

Ion Ratio Lower Upper

43 100

61 30.7 25.5 38.3

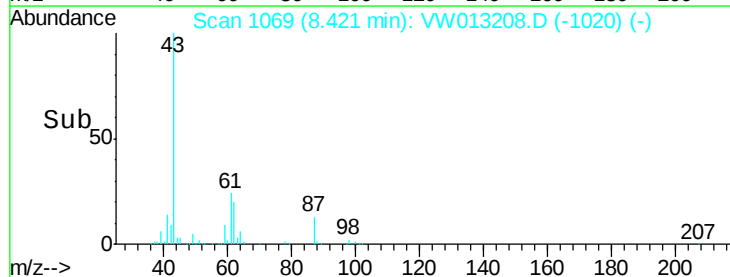
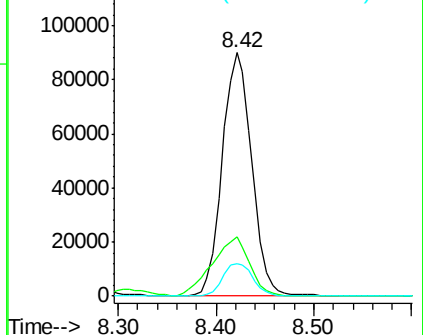
87 13.8 11.0 16.4

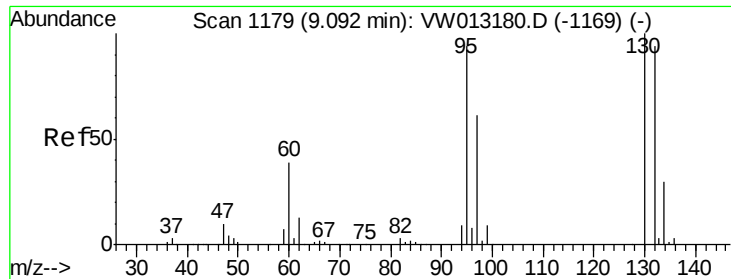


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#44

Trichloroethene

Concen: 54.206 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

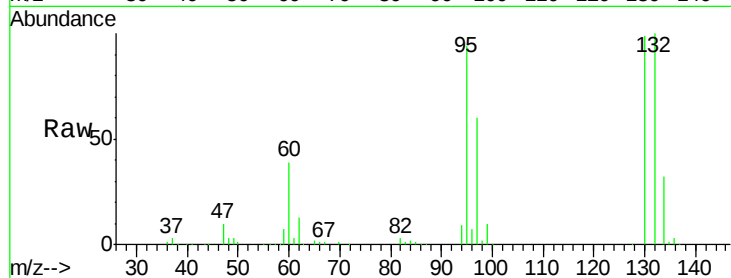
ClientSampleId :

Tot Ion:130 Resp: 193369

Ion Ratio Lower Upper

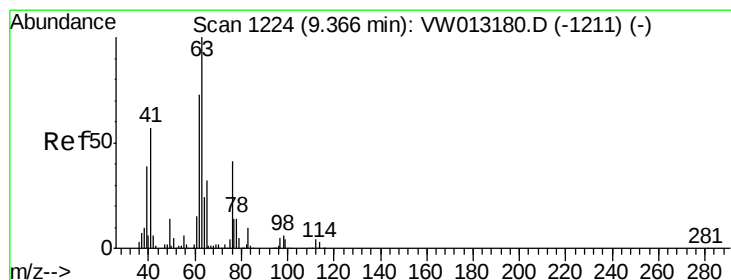
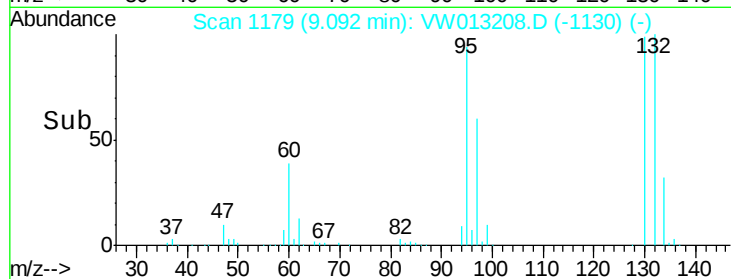
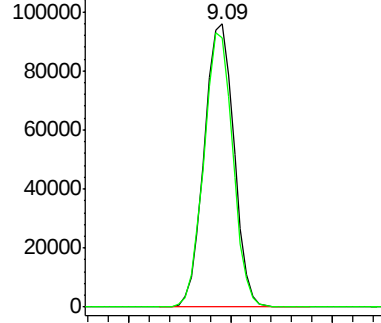
130 100

95 95.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 48.957 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013208.D

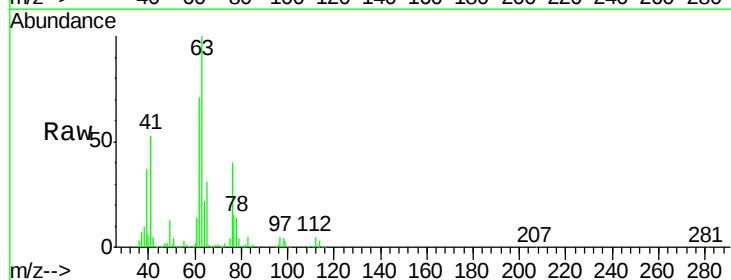
Acq: 21 Sep 2019 03:03

Tgt Ion: 63 Resp: 151968

Ion Ratio Lower Upper

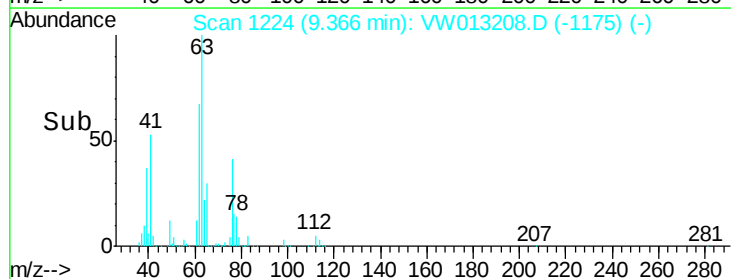
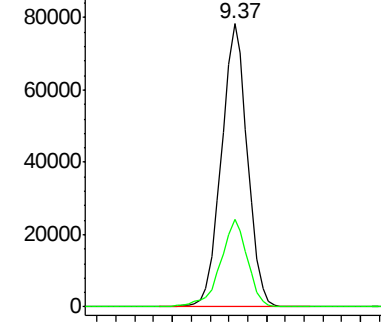
63 100

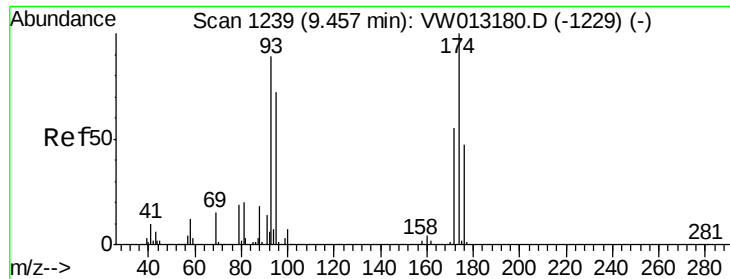
65 30.9 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

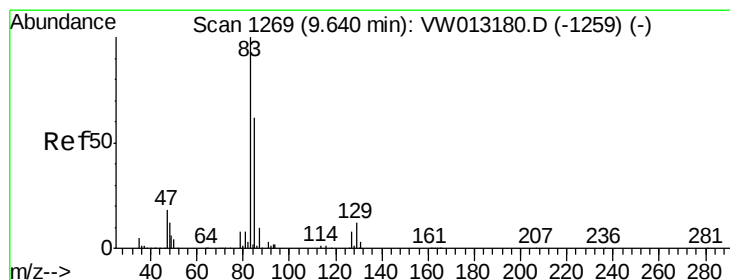
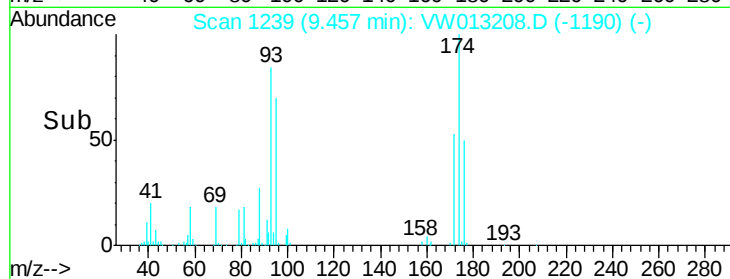
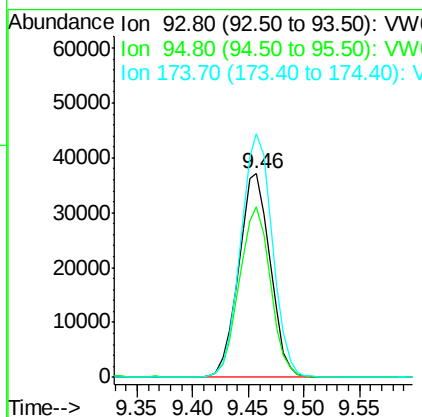
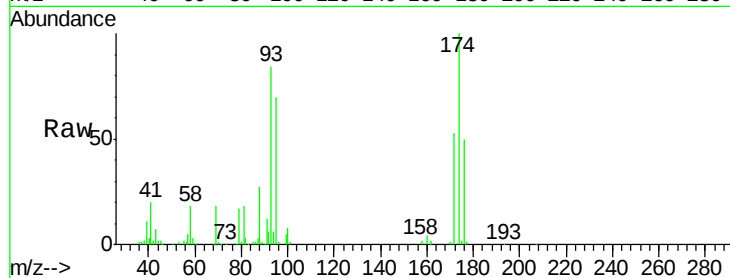




#46
Dibromomethane
Concen: 48.514 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

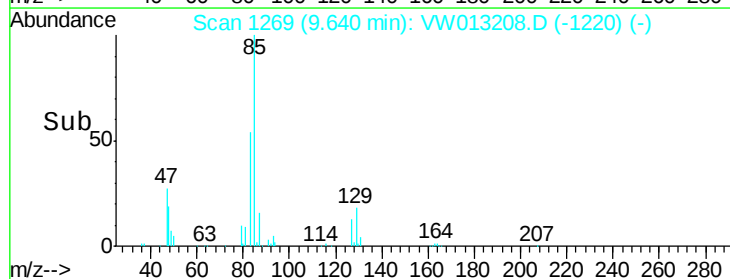
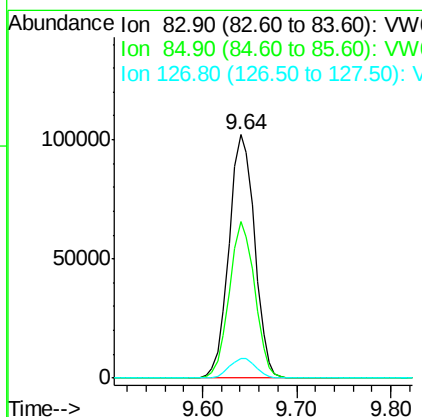
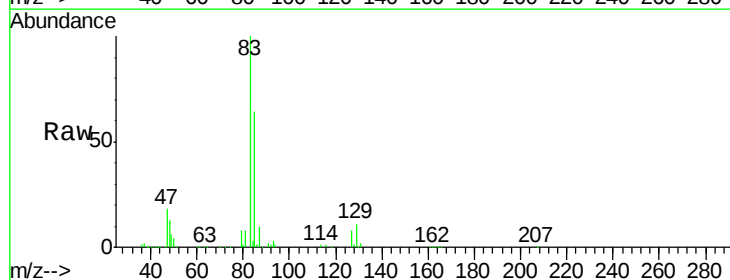
Instrument :
MSVOA_W
ClientSampled :

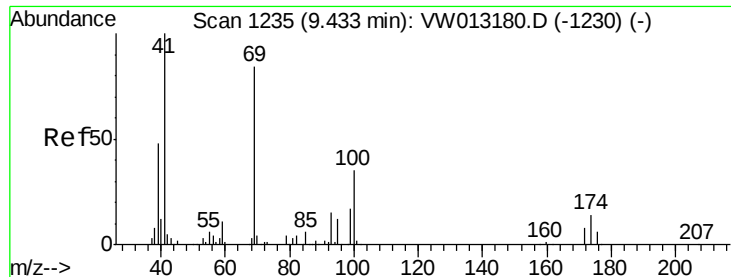
Tot Ion: 93 Resp: 73113
Ion Ratio Lower Upper
93 100
95 82.8 66.4 99.6
174 119.9 93.0 139.6



#47
Bromodichloromethane
Concen: 50.311 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 83 Resp: 192929
Ion Ratio Lower Upper
83 100
85 64.4 49.4 74.2
127 8.0 6.5 9.7

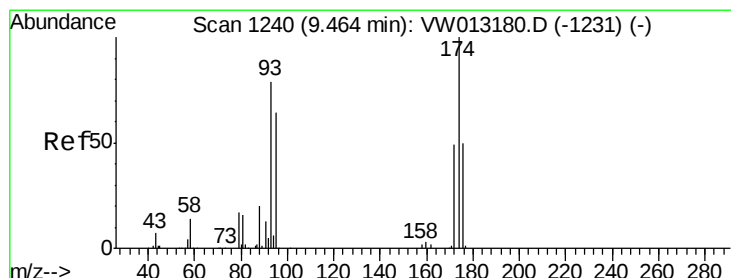
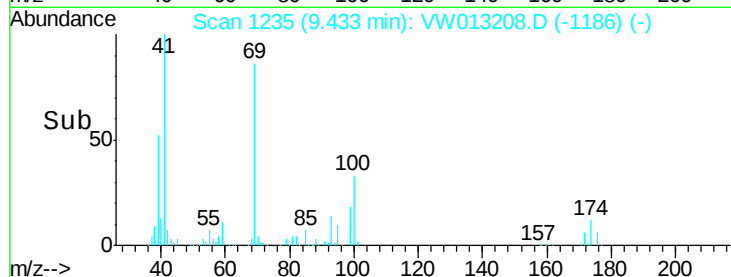
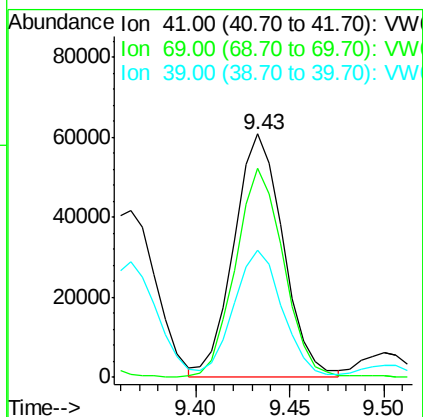
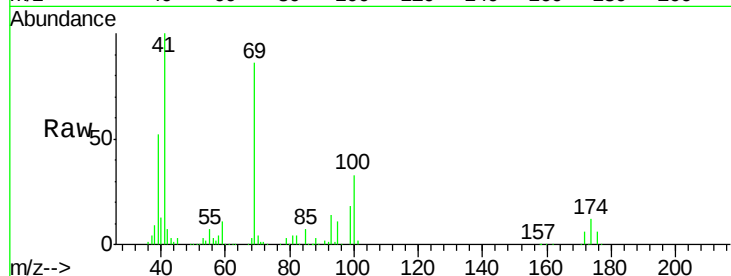




#48
Methvl methacrylate
Concen: 63.111 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

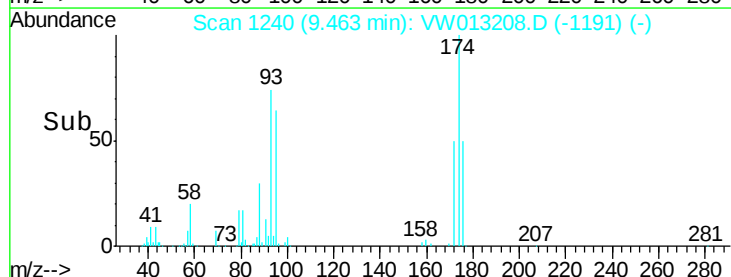
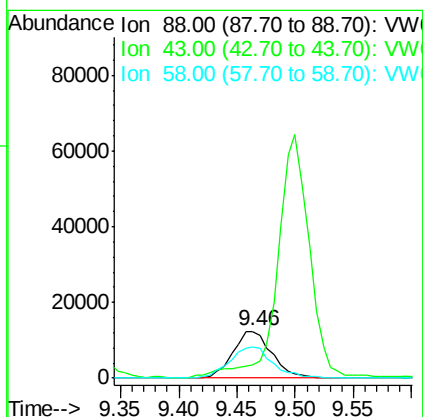
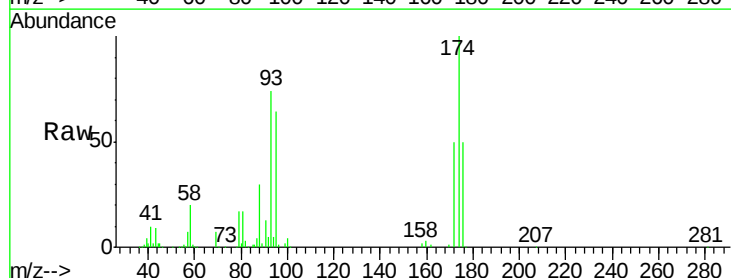
Instrument :
MSVOA_W
ClientSampled :

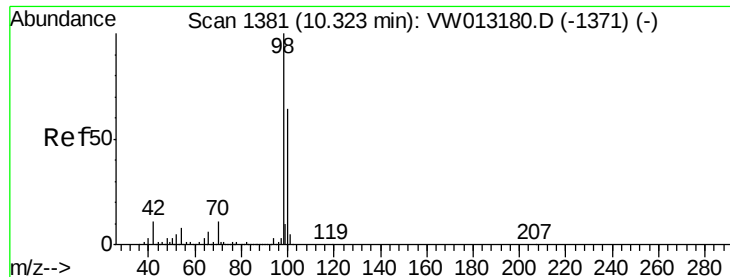
Tot Ion: 41 Resp: 110188
Ion Ratio Lower Upper
41 100
69 84.4 69.7 104.5
39 51.6 41.1 61.7



#49
1,4-Dioxane
Concen: 1269.617 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 88 Resp: 28721
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.2 65.4 98.0





#50

Toluene-d8

Concen: 48.555 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

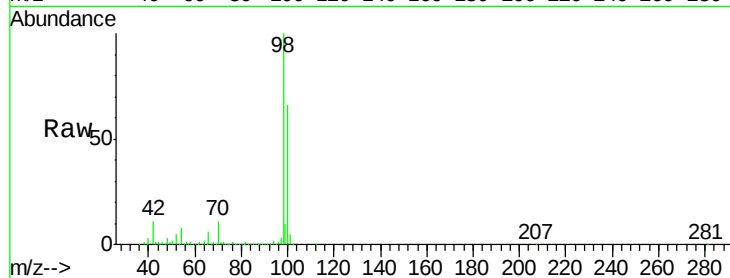
ClientSampleId :

Tot Ion: 98 Resp: 525984

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

300000

200000

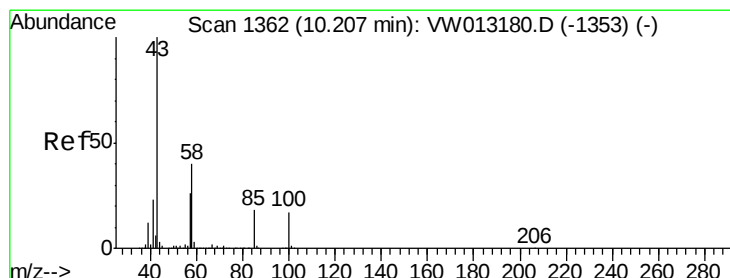
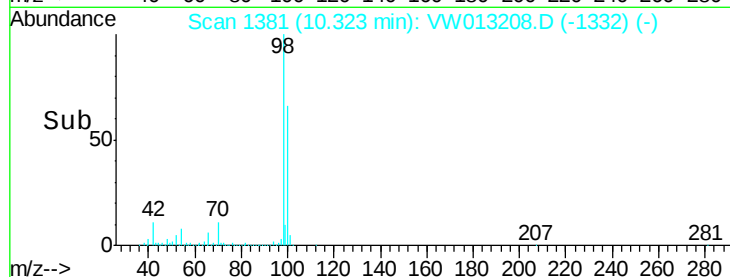
100000

0

Time-->

10.30

10.40



#51

4-Methyl-2-Pentanone

Concen: 287.809 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013208.D

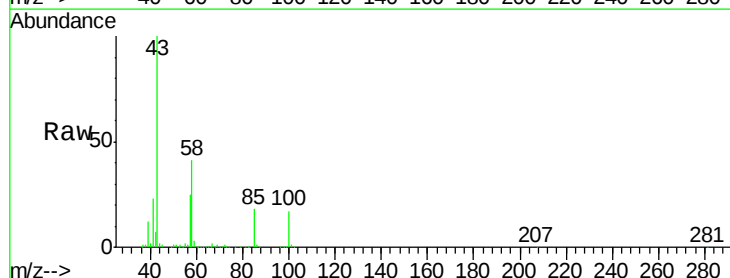
Acq: 21 Sep 2019 03:03

Tgt Ion: 43 Resp: 535726

Ion Ratio Lower Upper

43 100

58 40.2 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

300000

200000

100000

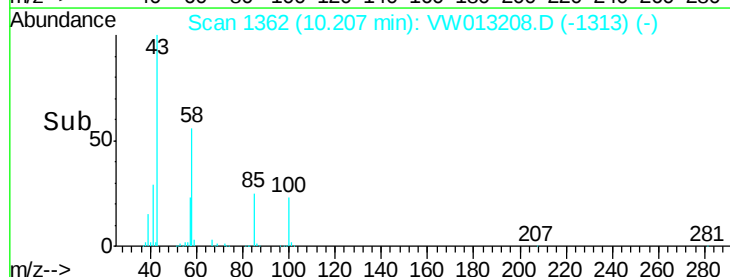
0

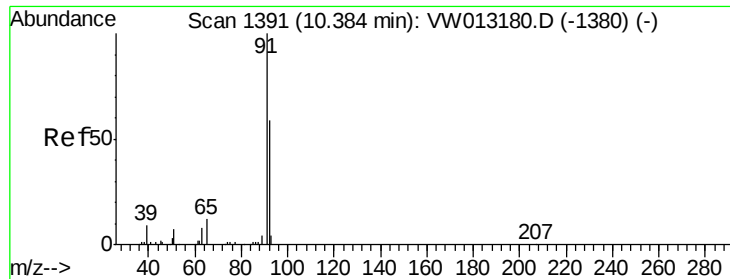
Time-->

10.10

10.20

10.30





#52

Toluene

Concen: 41.913 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

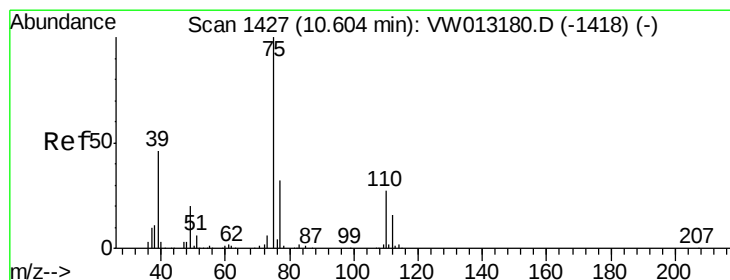
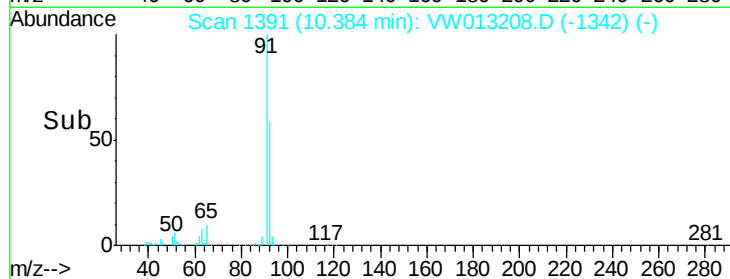
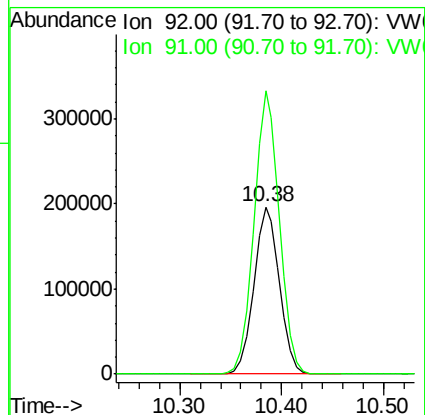
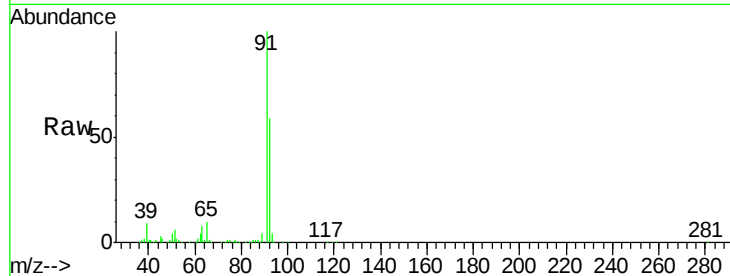
ClientSampleId :

Tot Ion: 92 Resp: 341534

Ion Ratio Lower Upper

92 100

91 168.4 135.7 203.5



#53

t-1,3-Dichloropropene

Concen: 42.564 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013208.D

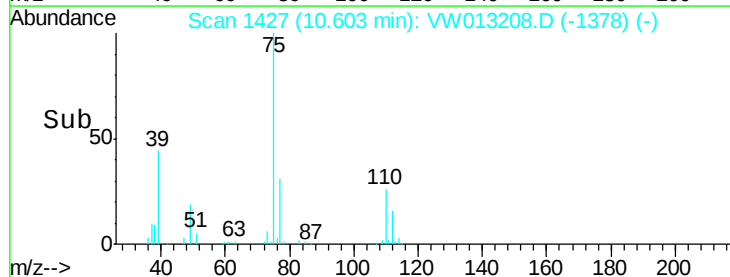
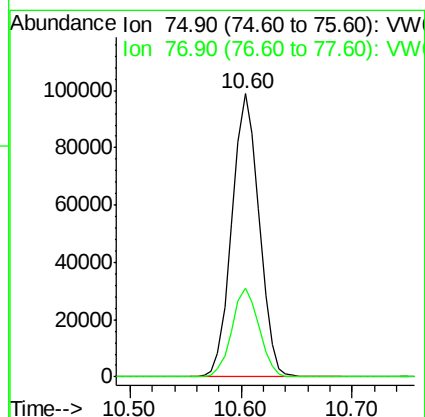
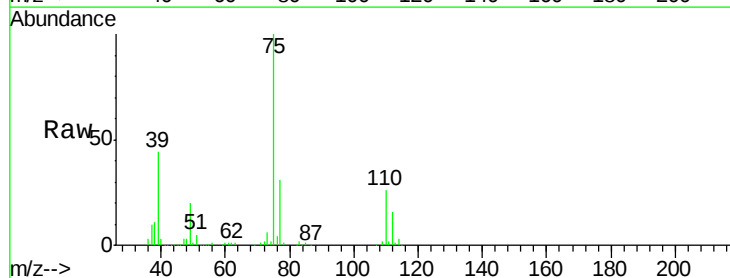
Acq: 21 Sep 2019 03:03

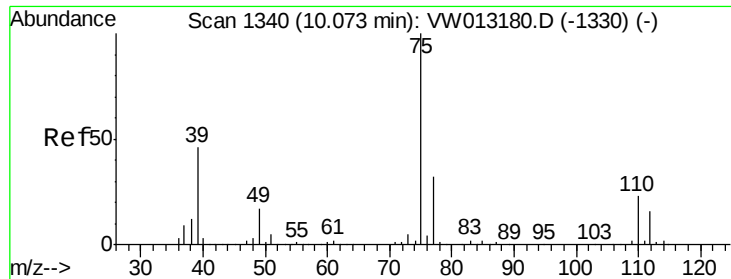
Tgt Ion: 75 Resp: 167692

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

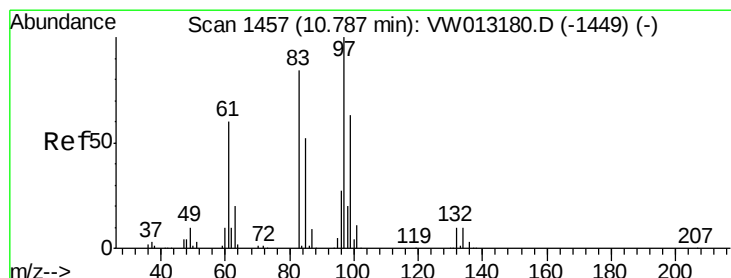
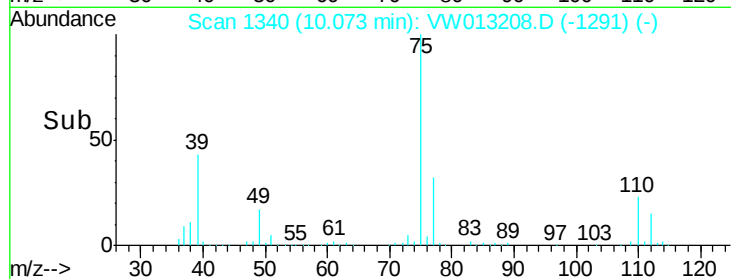
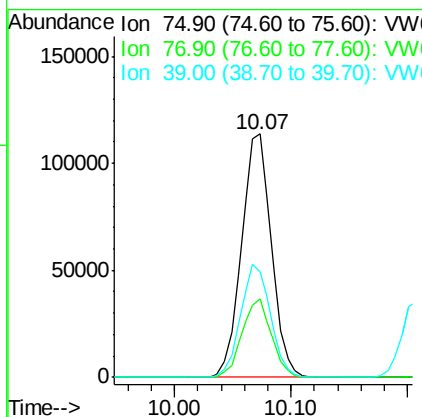
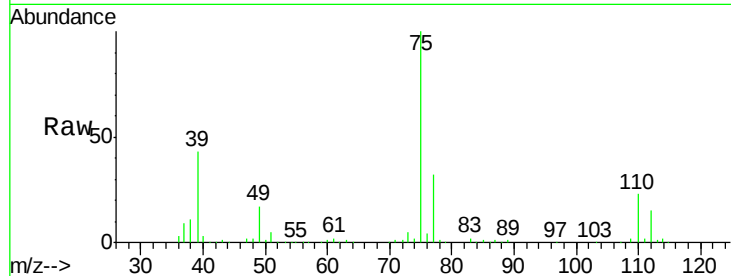




#54
 cis-1,3-Dichloropropene
 Concen: 42.503 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013208.D
 Acq: 21 Sep 2019 03:03

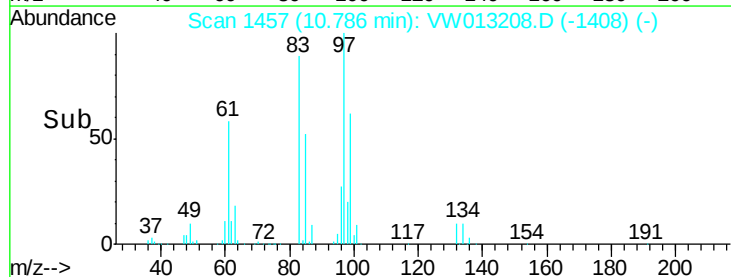
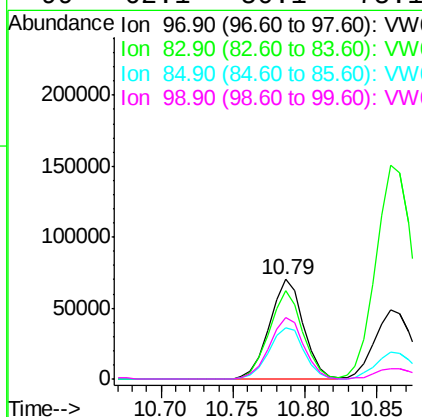
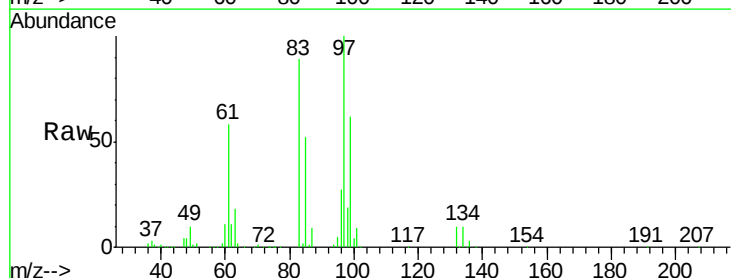
Instrument :
 MSVOA_W
 ClientSampleId :

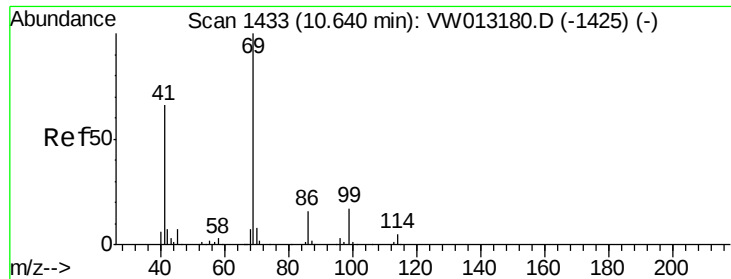
Tot Ion: 75 Resp: 203600
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8
 39 43.3 36.6 55.0



#55
 1,1,2-Trichloroethane
 Concen: 51.336 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013208.D
 Acq: 21 Sep 2019 03:03

Tgt Ion: 97 Resp: 115638
 Ion Ratio Lower Upper
 97 100
 83 88.7 67.6 101.4
 85 52.2 41.9 62.9
 99 62.1 50.1 75.1





#56

Ethyl methacrylate

Concen: 43.457 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampled :

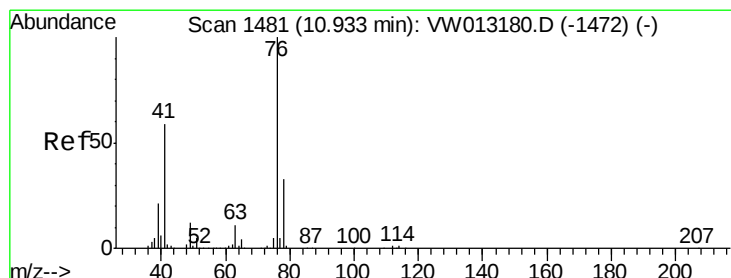
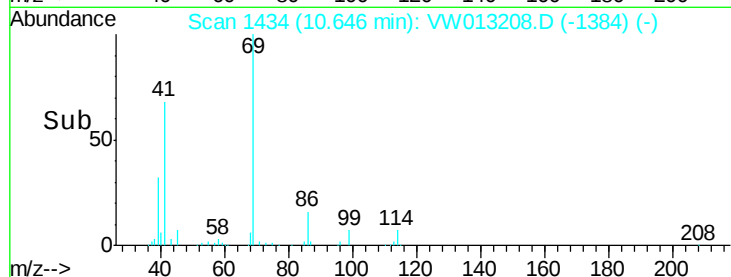
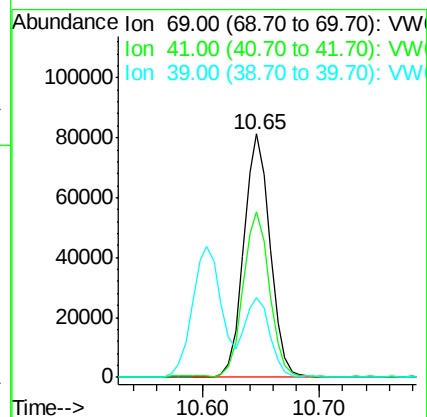
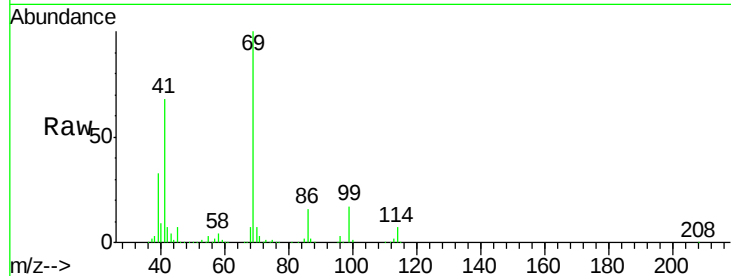
Tot Ion: 69 Resp: 128109

Ion Ratio Lower Upper

69 100

41 67.5 53.9 80.9

39 31.3 23.8 35.6



#57

1,3-Dichloropropane

Concen: 47.914 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW013208.D

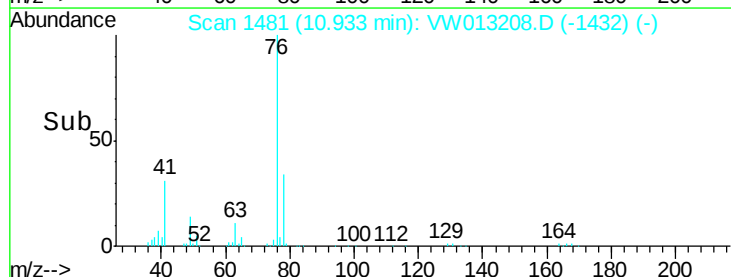
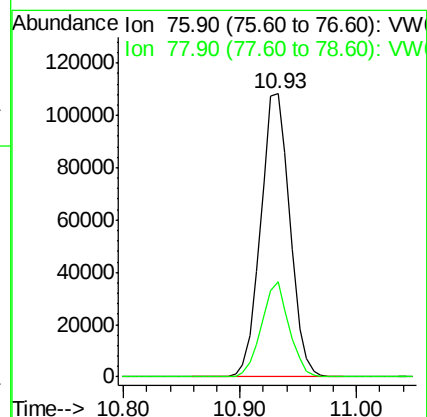
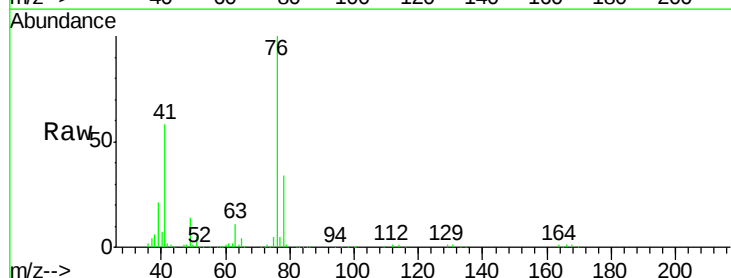
Acq: 21 Sep 2019 03:03

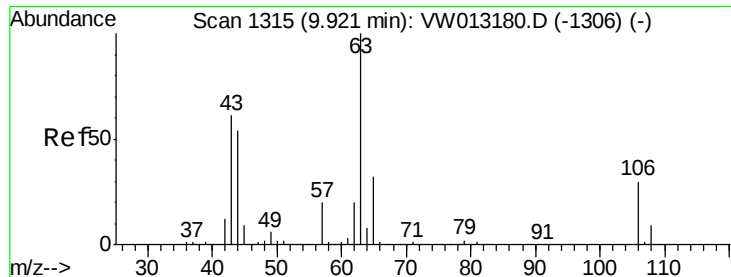
Tgt Ion: 76 Resp: 188341

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3

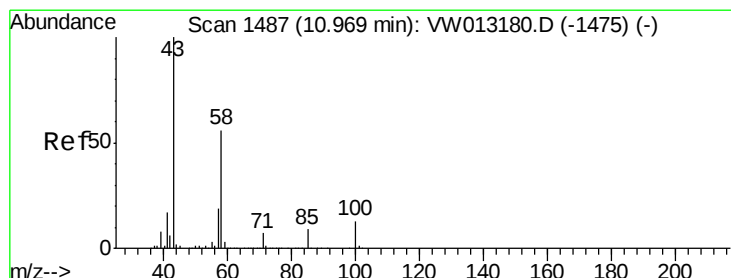
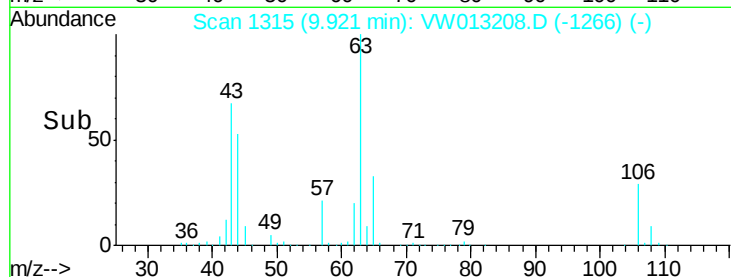
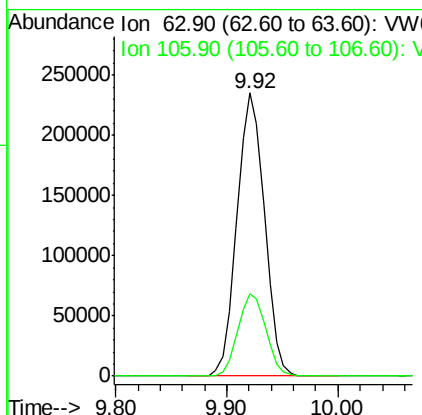
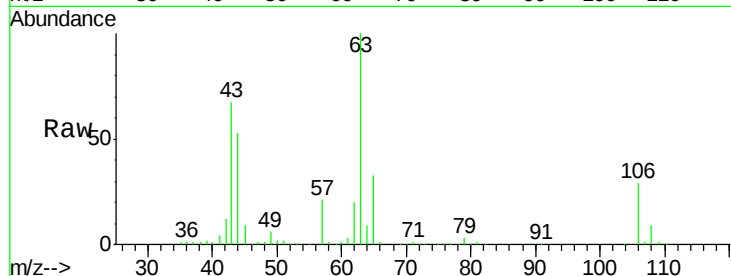




#58
2-Chloroethyl Vinyl ether
Concen: 294.908 ug/l
RT: 9.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

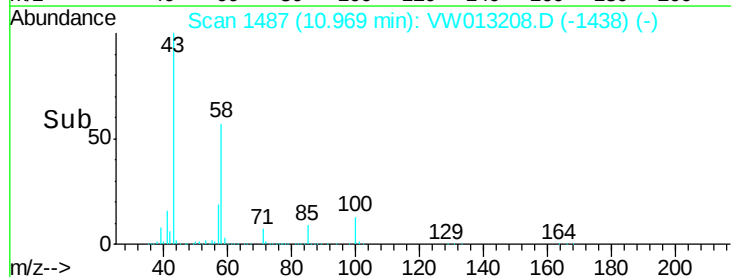
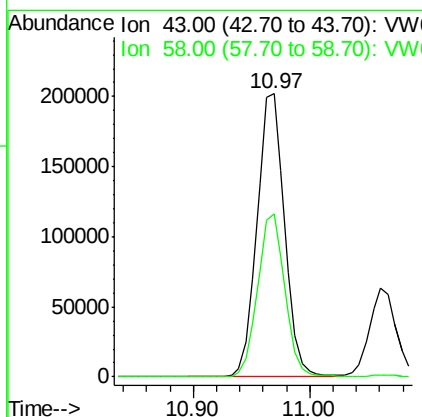
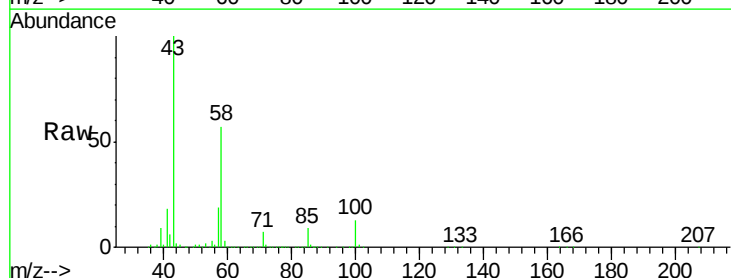
Instrument :
MSVOA_W
ClientSampleId :

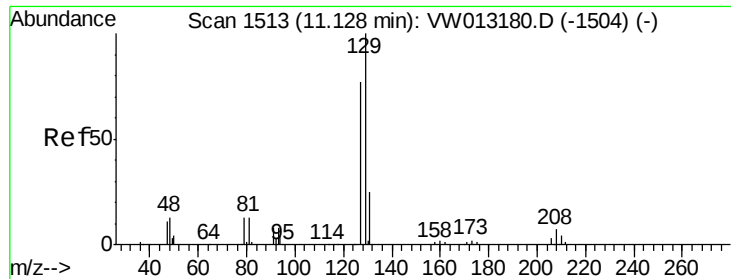
Tot Ion: 63 Resp: 402476
Ion Ratio Lower Upper
63 100
106 29.4 23.4 35.0



#59
2-Hexanone
Concen: 260.485 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 43 Resp: 333586
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.2





#60

Dibromochloromethane

Concen: 3976.205 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

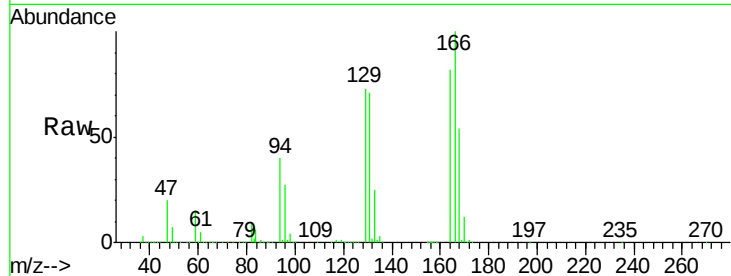
ClientSampleId :

Tot Ion:129 Resp:10170089

Ion Ratio Lower Upper

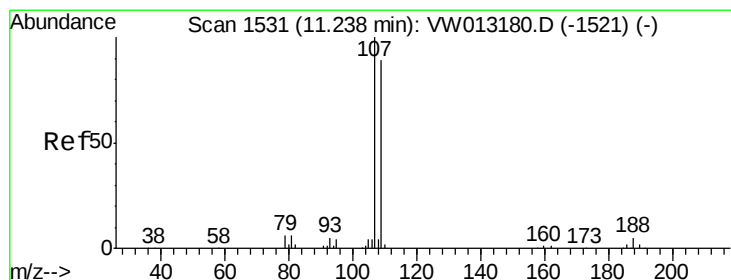
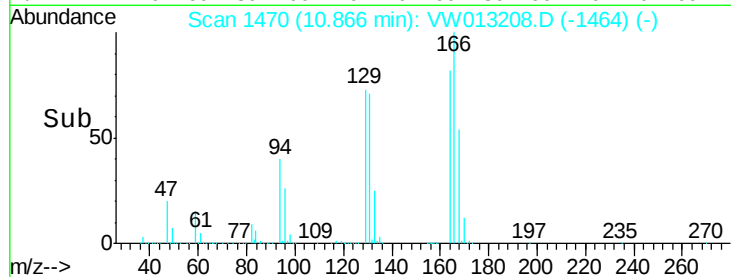
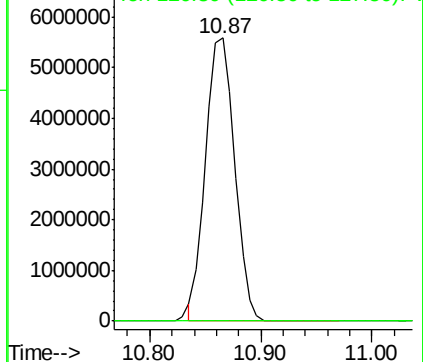
129 100

127 0.0 38.8 116.4#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 46.655 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013208.D

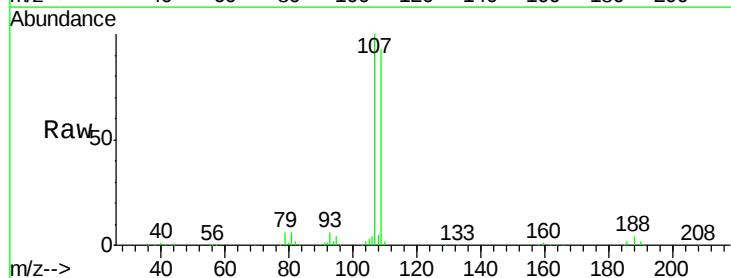
Acq: 21 Sep 2019 03:03

Tgt Ion:107 Resp: 99921

Ion Ratio Lower Upper

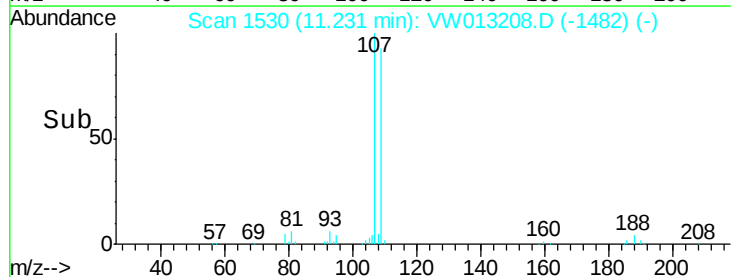
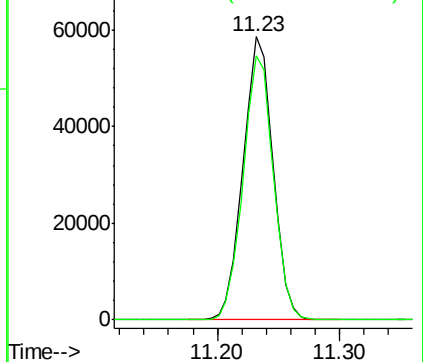
107 100

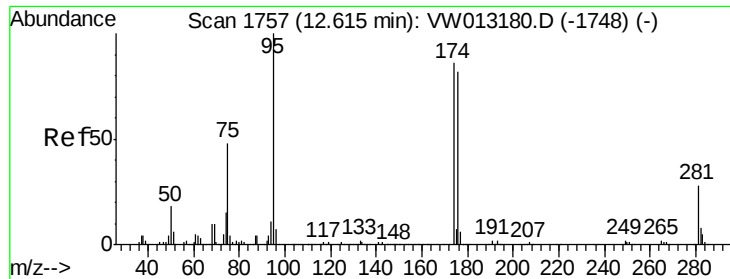
109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 35.660 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampleId :

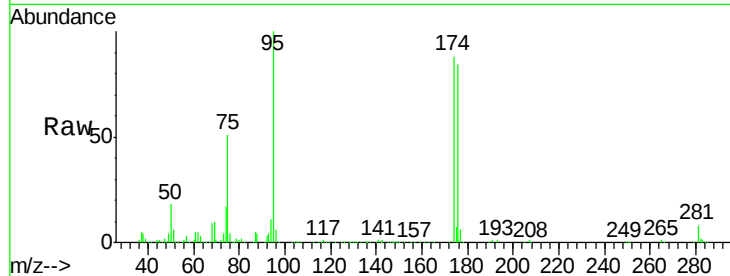
Tot Ion: 95 Resp: 131957

Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.4

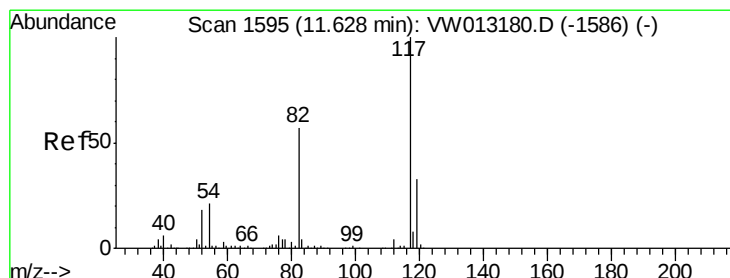
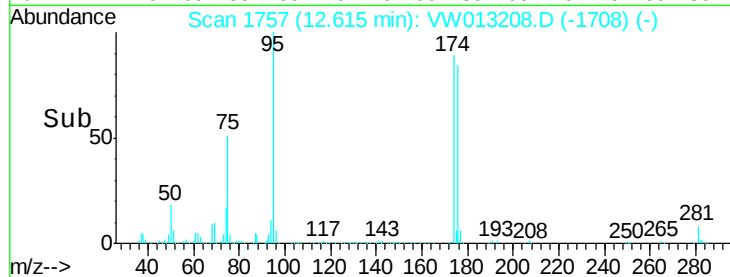
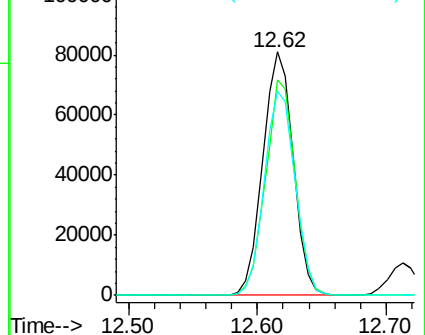
176 85.4 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

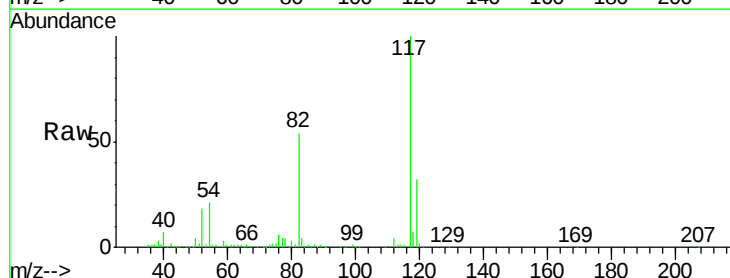
Tgt Ion: 117 Resp: 364579

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

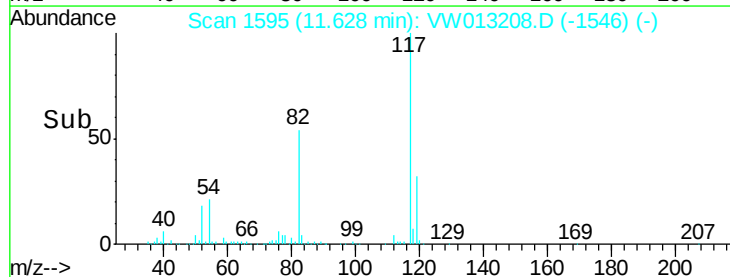
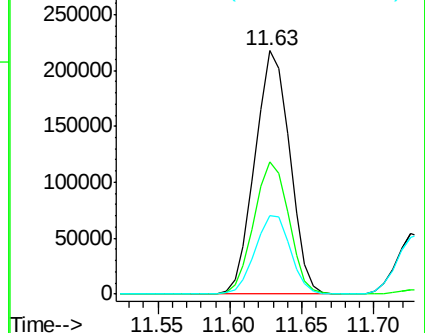
119 32.0 26.2 39.2

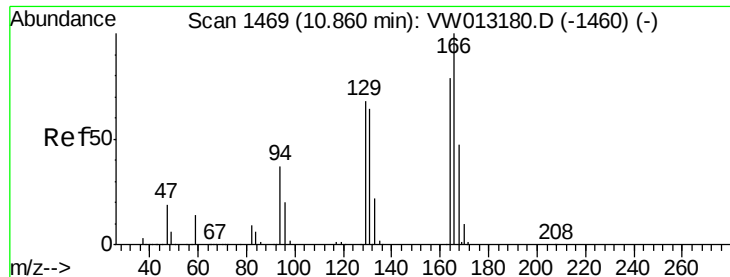


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

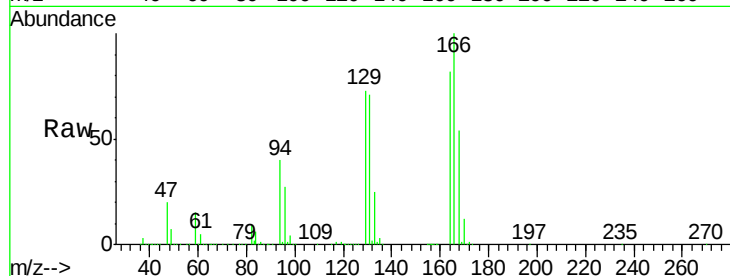




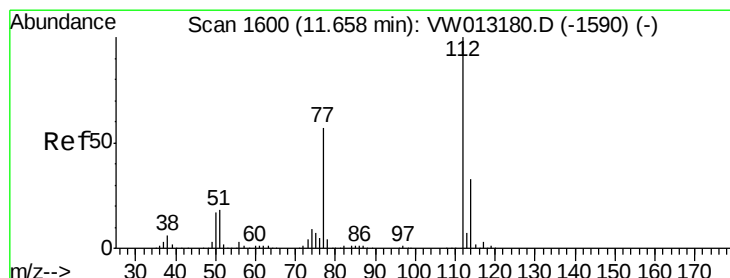
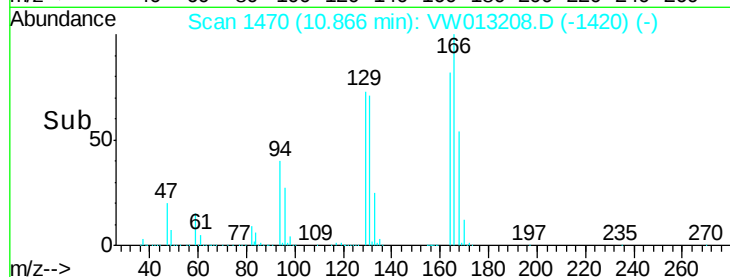
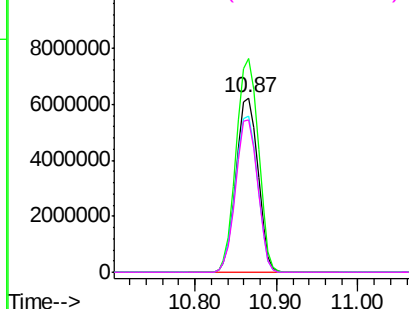
#64
Tetrachloroethene
Concen: 4160.321 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp:11508232
Ion Ratio Lower Upper
164 100
166 122.6 101.2 151.8
129 89.8 68.8 103.2
131 87.6 65.2 97.8

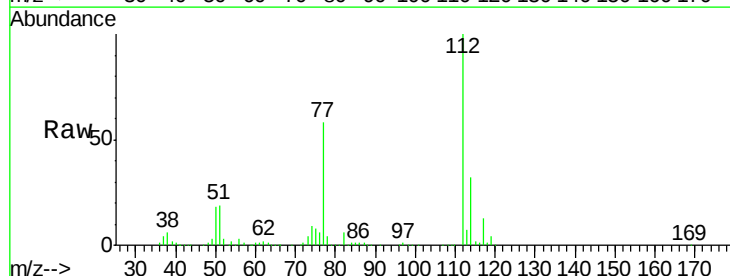


Abundance Ion 163.80 (163.50 to 164.50): V
1.2e+07
Ion 165.80 (165.50 to 166.50): V
1e+07
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

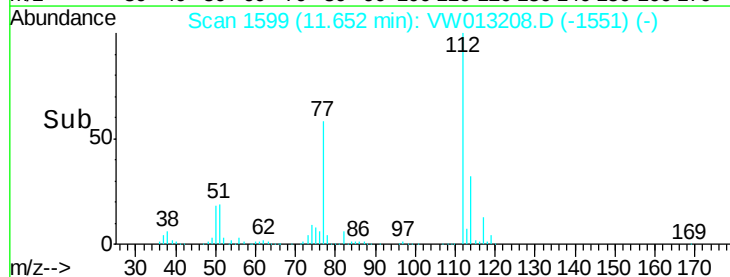
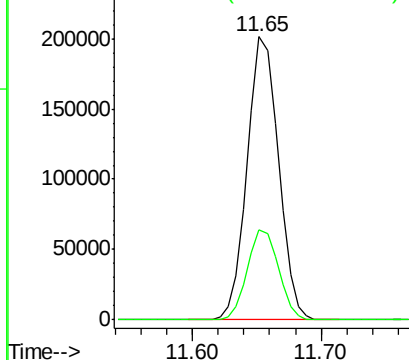


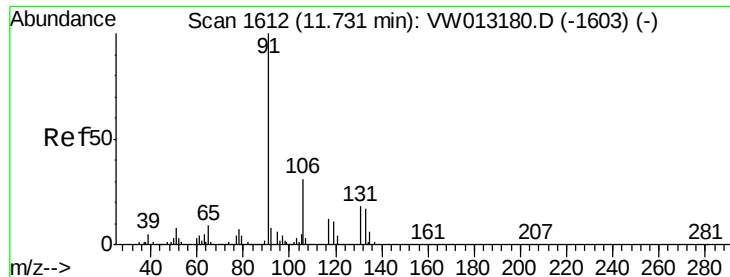
#65
Chlorobenzene
Concen: 44.457 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion:112 Resp: 338458
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.839 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampleId :

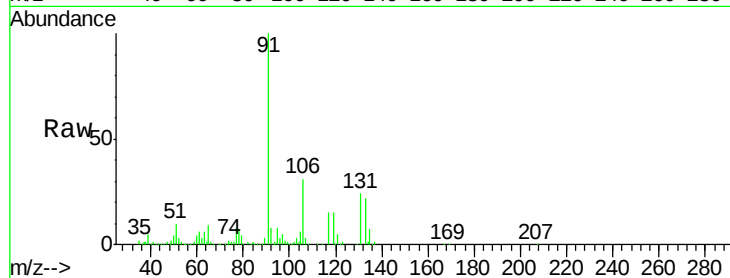
Tot Ion:131 Resp: 137428

Ion Ratio Lower Upper

131 100

133 93.3 47.5 142.6

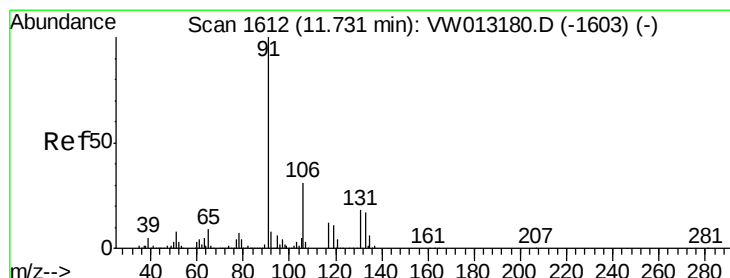
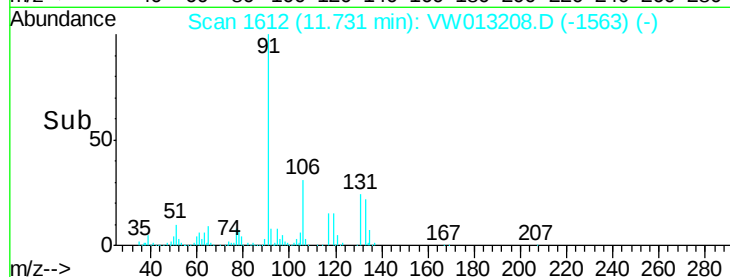
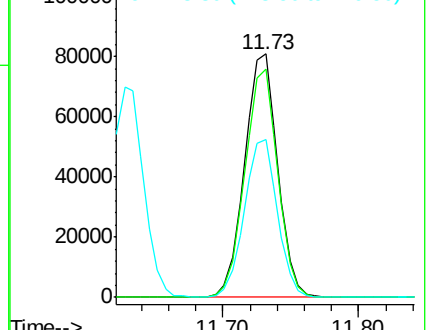
119 65.1 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 40.271 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013208.D

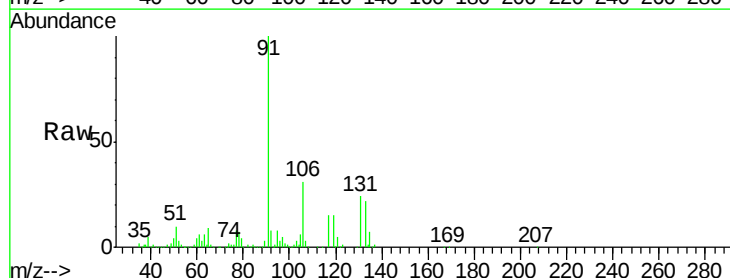
Acq: 21 Sep 2019 03:03

Tgt Ion: 91 Resp: 555502

Ion Ratio Lower Upper

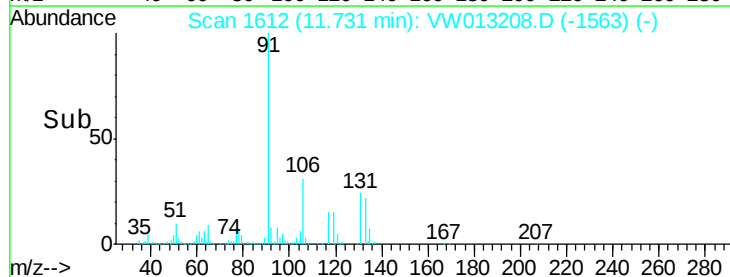
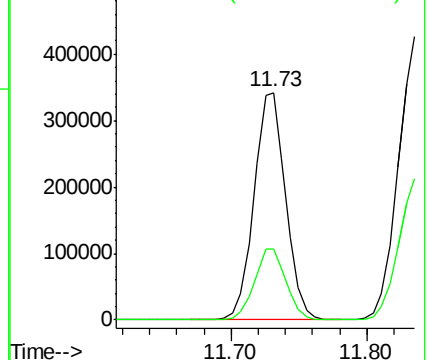
91 100

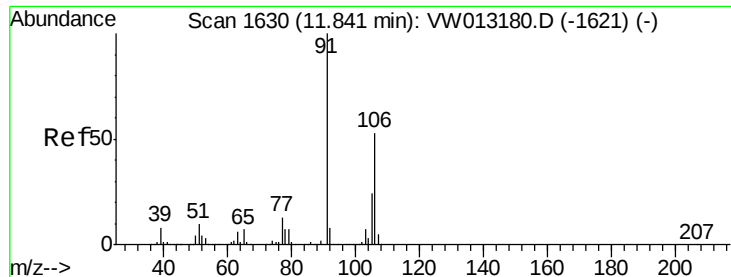
106 31.3 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

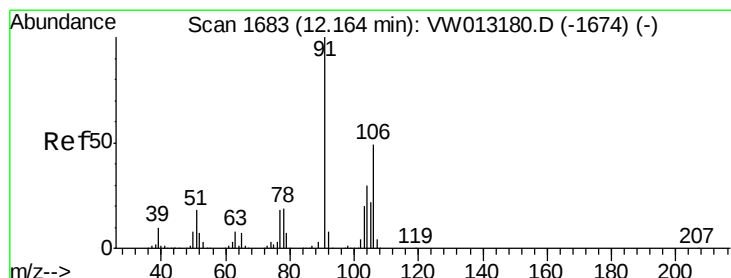
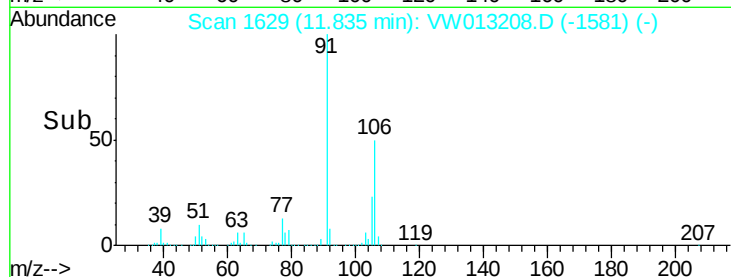
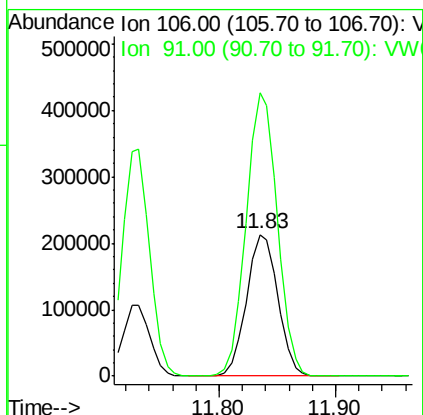
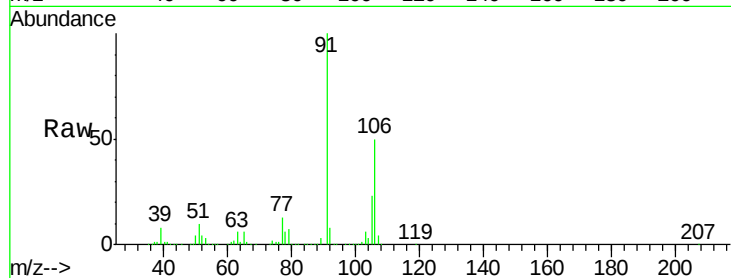




#68
m/p-Xylenes
Concen: 75.921 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

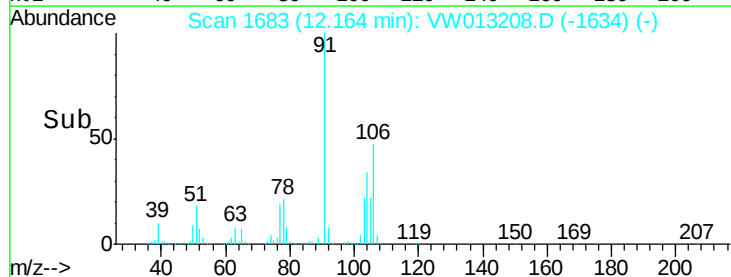
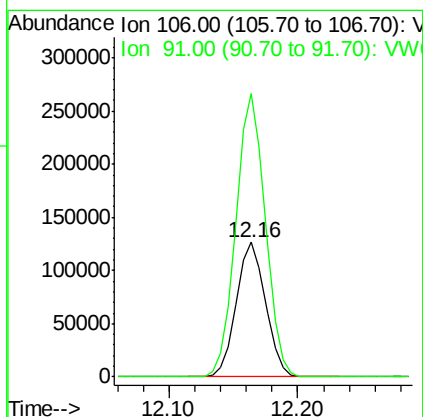
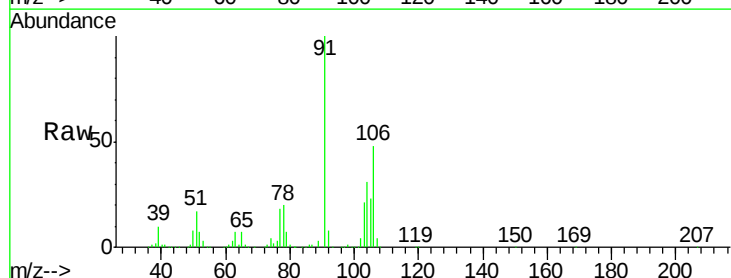
Instrument :
MSVOA_W
ClientSampled :

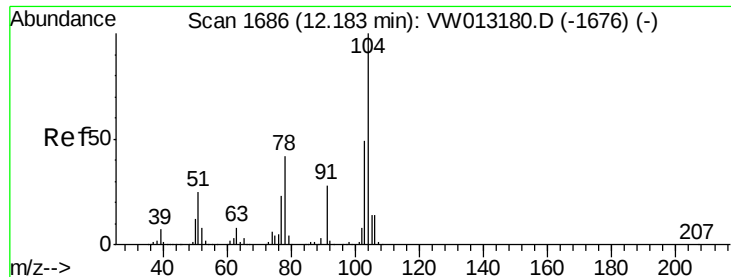
Tot Ion:106 Resp: 399074
Ion Ratio Lower Upper
106 100
91 198.8 157.9 236.9



#69
o-Xylene
Concen: 40.843 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion:106 Resp: 199601
Ion Ratio Lower Upper
106 100
91 211.0 106.5 319.5

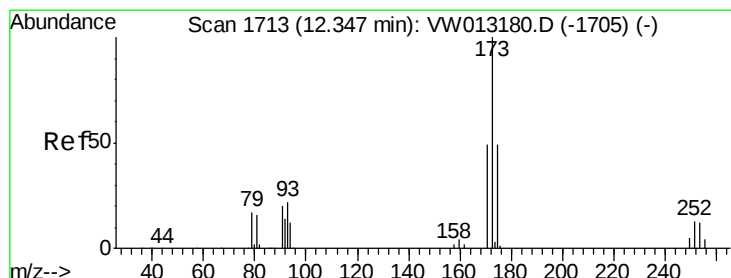
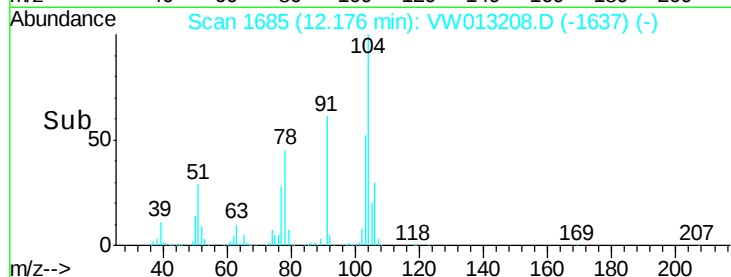
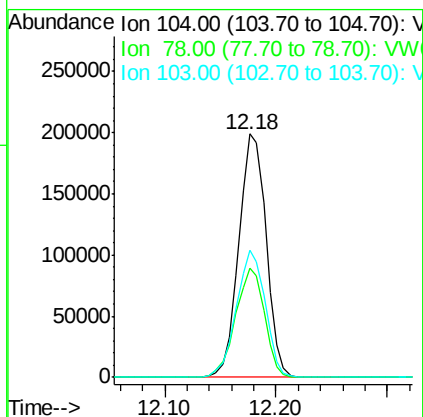
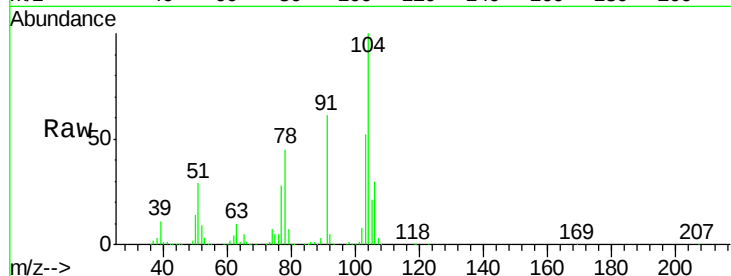




#70
Stvrene
Concen: 40.373 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

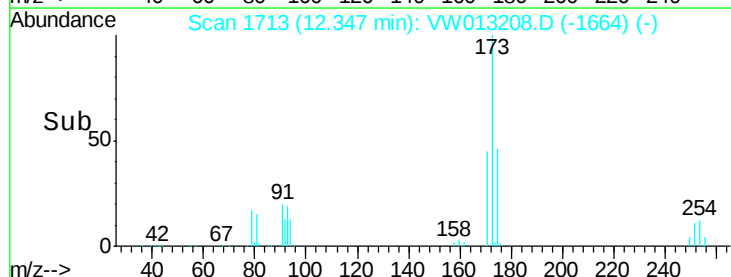
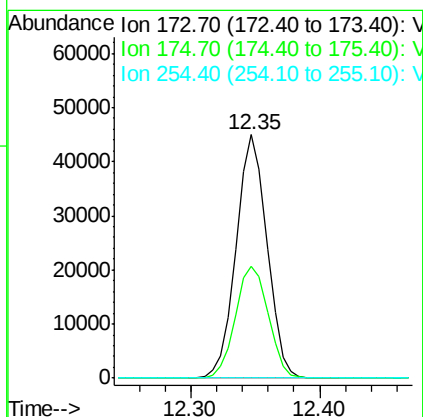
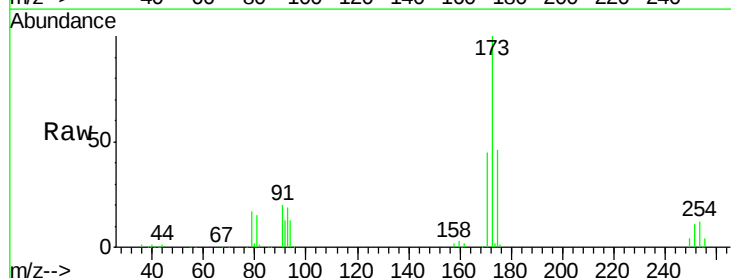
Instrument :
MSVOA_W
ClientSampled :

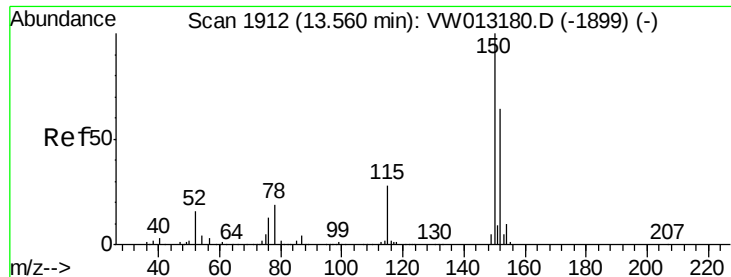
Tot Ion:104 Resp: 338730
Ion Ratio Lower Upper
104 100
78 47.5 38.4 57.6
103 54.9 43.3 64.9



#71
Bromoform
Concen: 54.363 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion:173 Resp: 74698
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.1 0.1 0.1



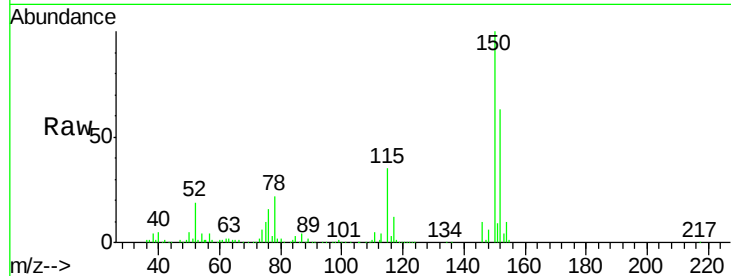


#72

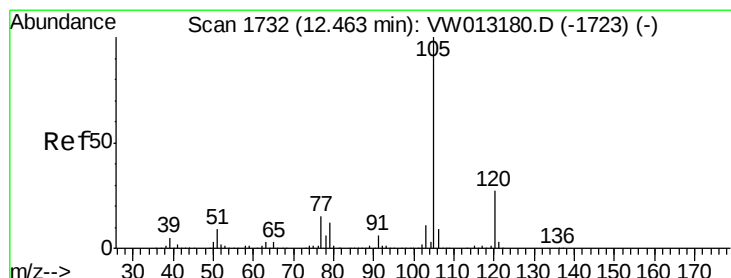
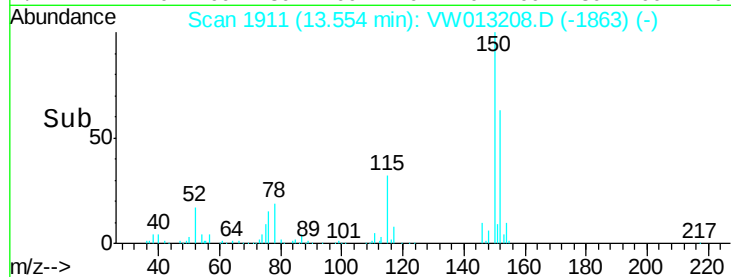
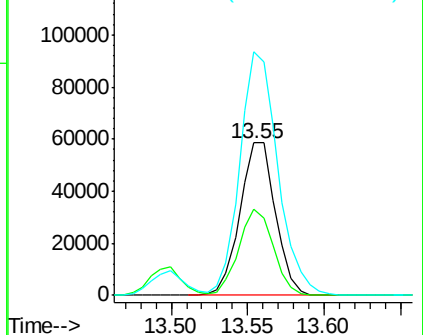
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 94730
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 170.5 0.0 349.0



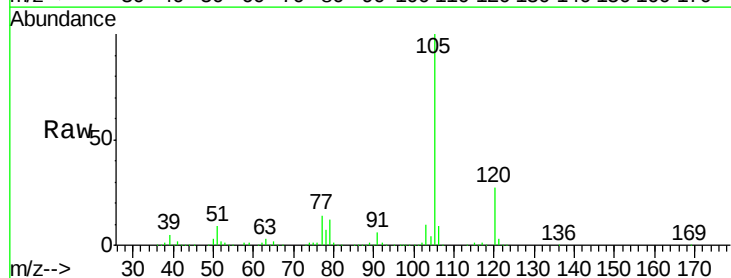
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



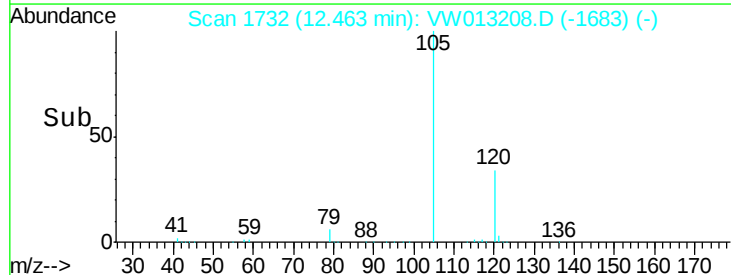
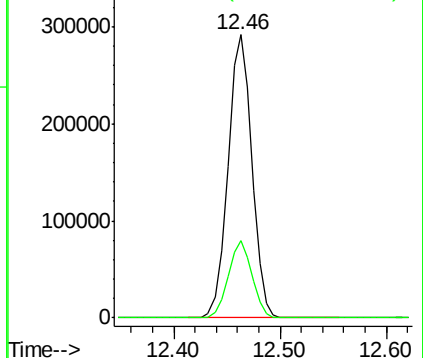
#73

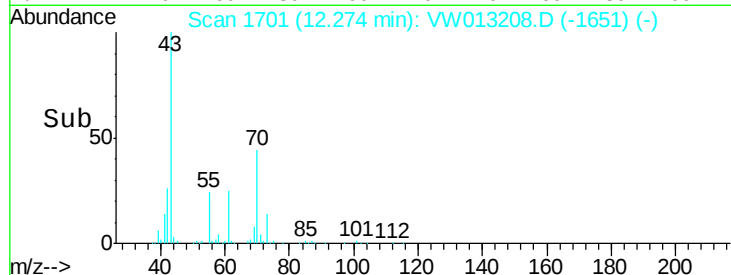
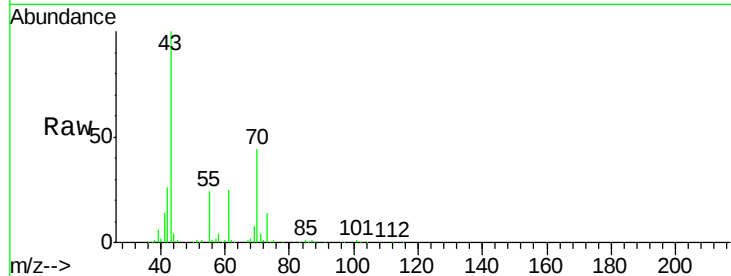
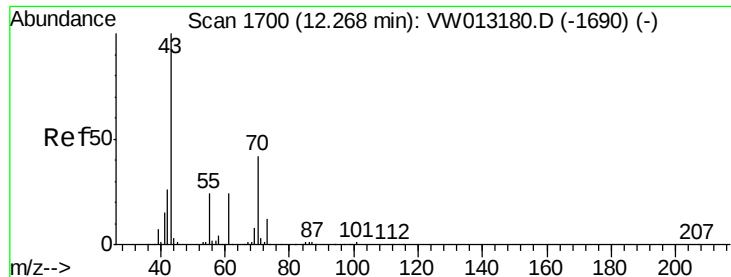
Isopropylbenzene
Concen: 65.322 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion:105 Resp: 457107
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



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

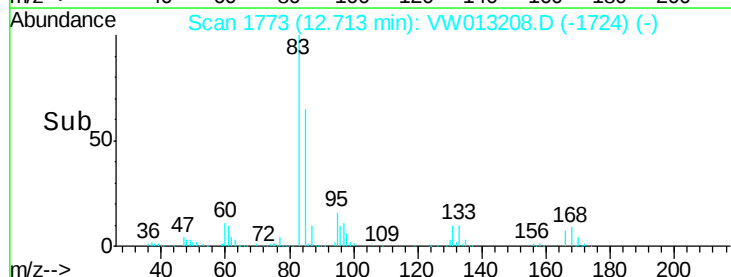
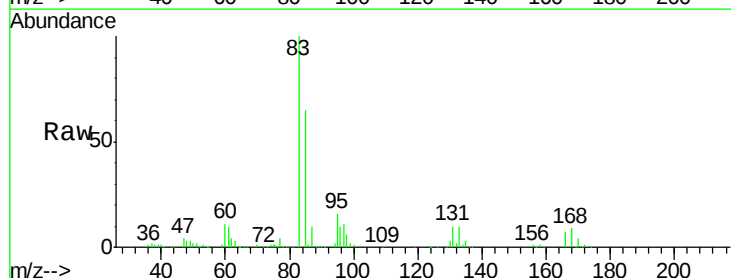
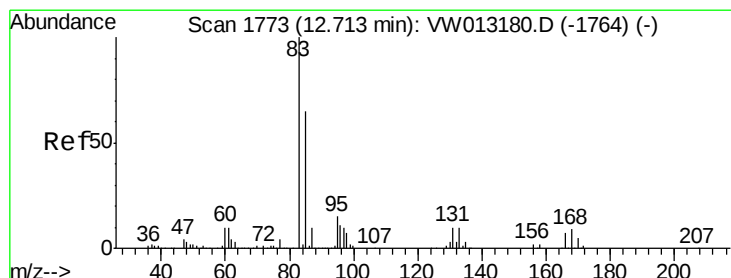
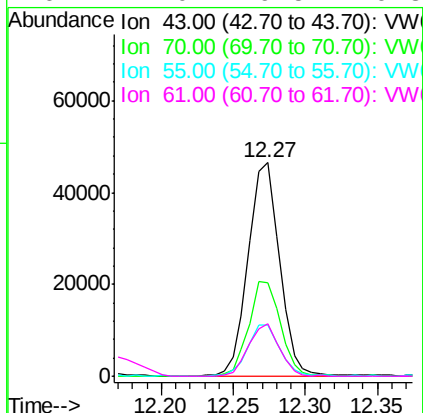




#74
N-amvl acetate
Concen: 45.314 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

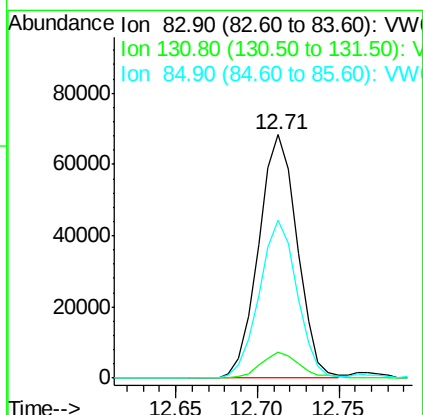
Instrument :
MSVOA_W
ClientSampleId :

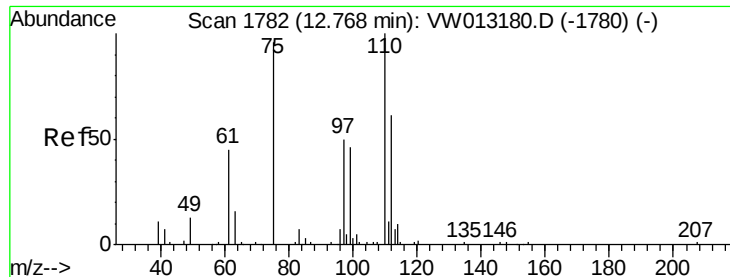
Tot Ion: 43 Resp: 70364
Ion Ratio Lower Upper
43 100
70 44.5 35.1 52.7
55 25.4 19.9 29.9
61 24.0 19.5 29.3



#75
1,1,2,2-Tetrachloroethane
Concen: 95.725 ug/l
RT: 12.71 min Scan# 1773
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 83 Resp: 112029
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 63.4 31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 161.692 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

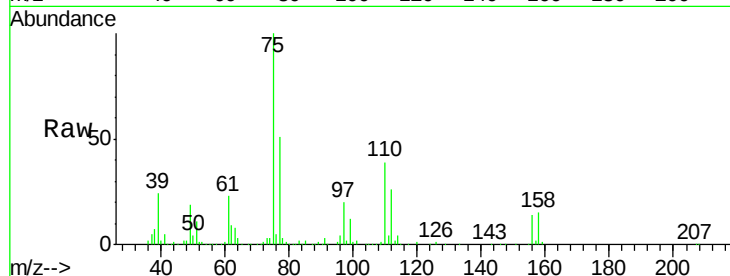
ClientSampleId :

Tot Ion: 75 Resp: 135270

Ion Ratio Lower Upper

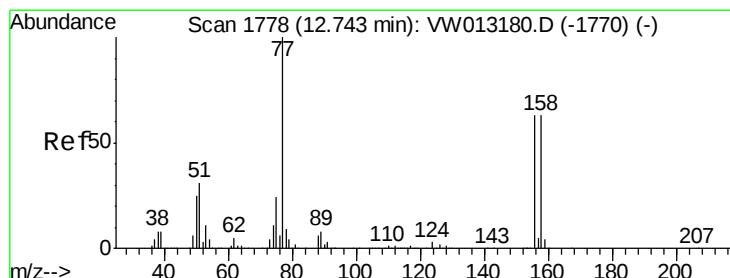
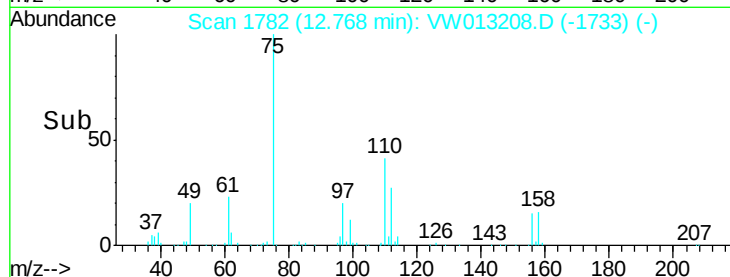
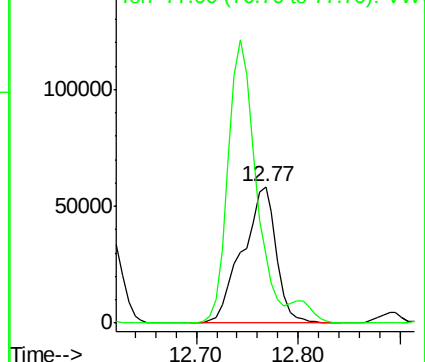
75 100

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: 74.994 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

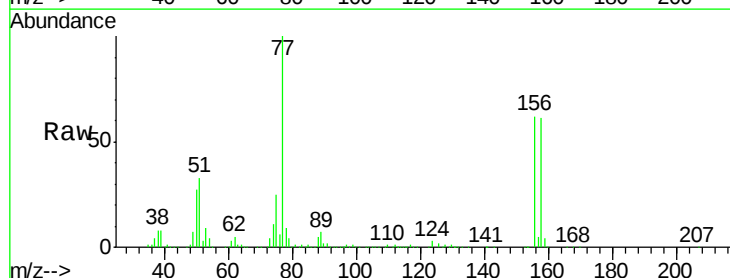
Tgt Ion: 156 Resp: 124361

Ion Ratio Lower Upper

156 100

77 184.8 85.7 257.1

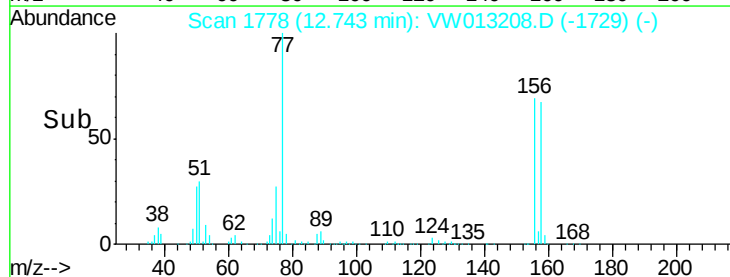
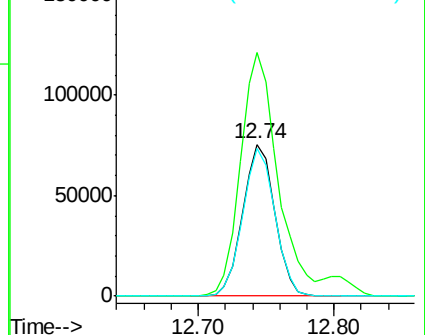
158 97.8 48.1 144.4

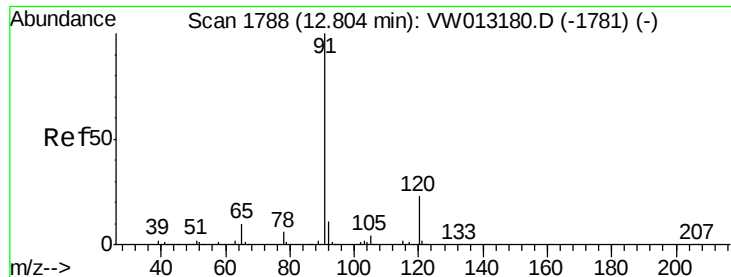


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V

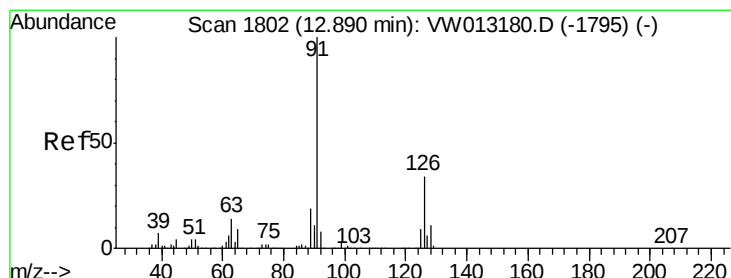
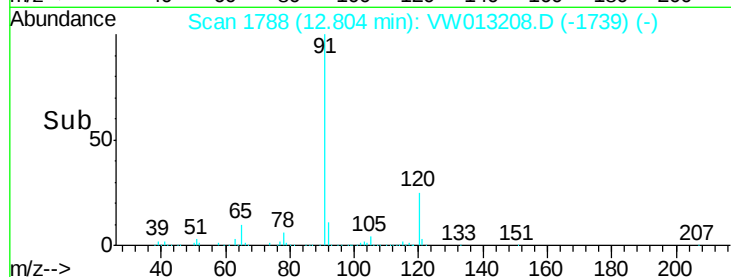
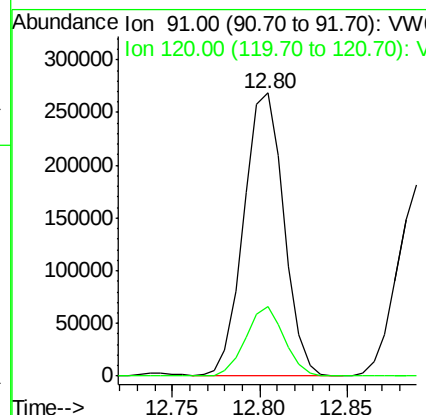
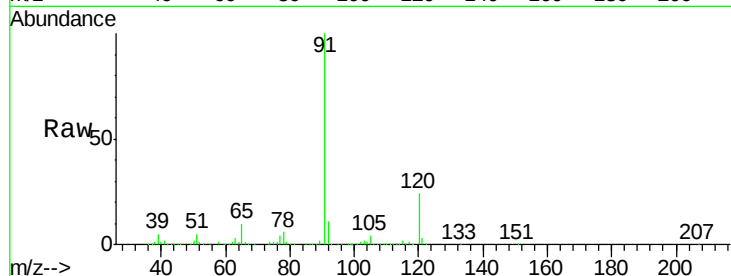




#78
n-propylbenzene
Concen: 52.372 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

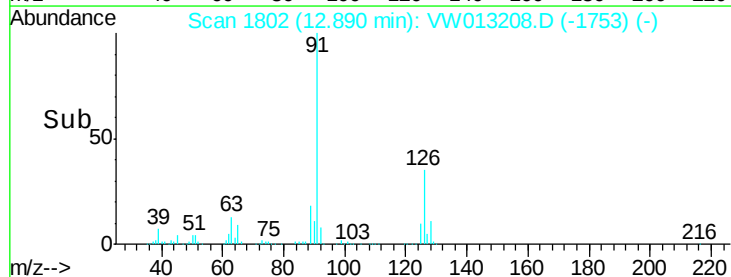
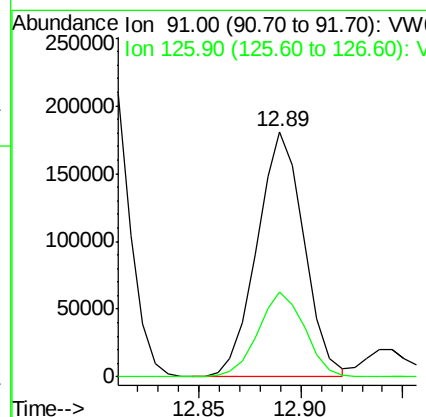
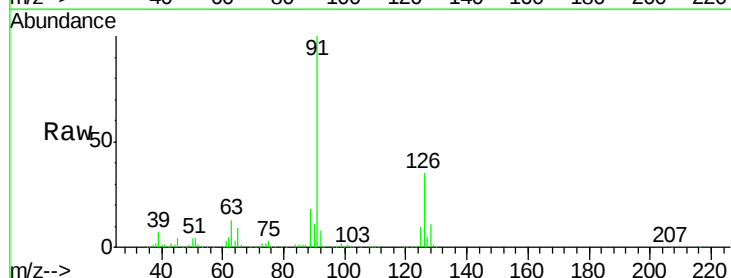
Instrument :
MSVOA_W
ClientSampled :

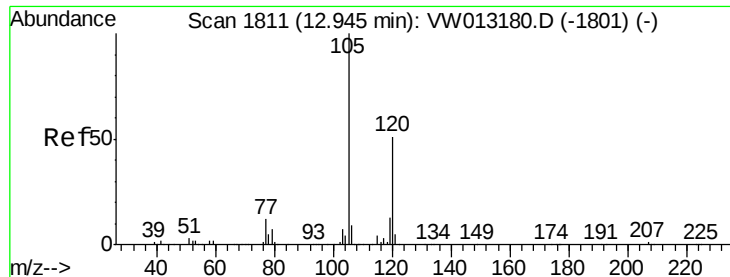
Tot Ion: 91 Resp: 428983
Ion Ratio Lower Upper
91 100
120 23.6 11.7 35.1



#79
2-Chlorotoluene
Concen: 62.682 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 91 Resp: 287648
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.5





#80

1,3,5-Trimethylbenzene

Concen: 49.893 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

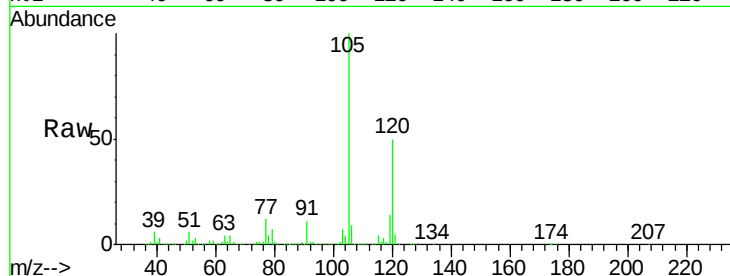
ClientSampleId :

Tot Ion:105 Resp: 293489

Ion Ratio Lower Upper

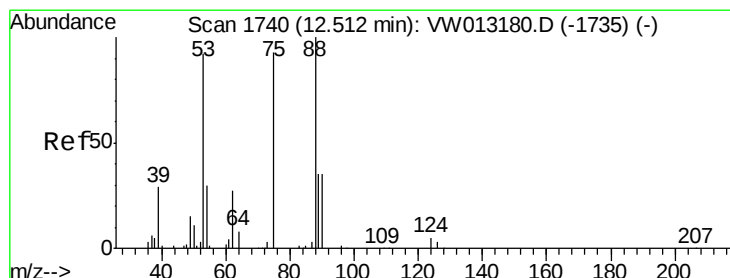
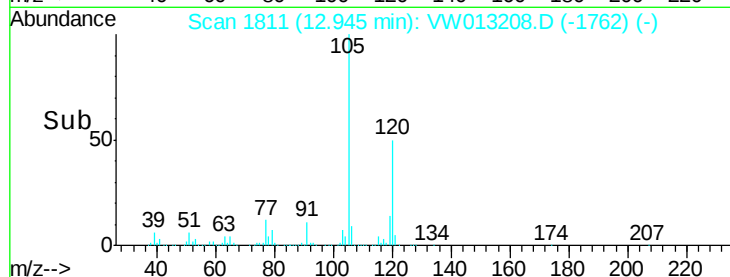
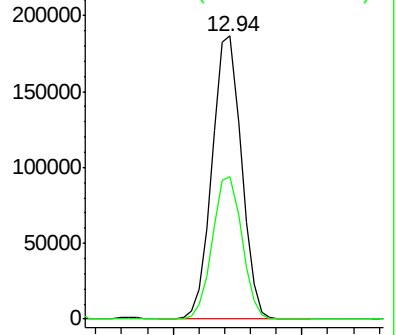
105 100

120 50.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 68.627 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

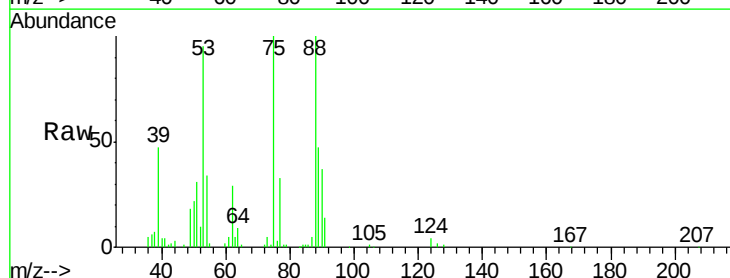
Tgt Ion: 75 Resp: 25586

Ion Ratio Lower Upper

75 100

53 102.0 76.6 114.8

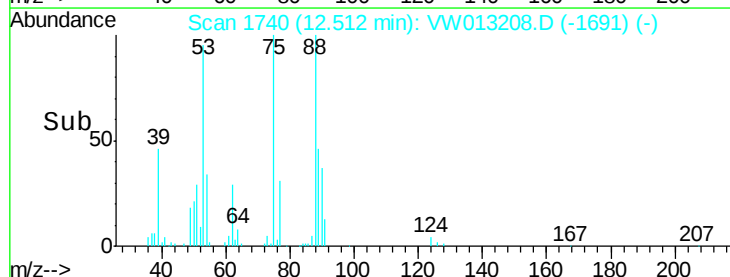
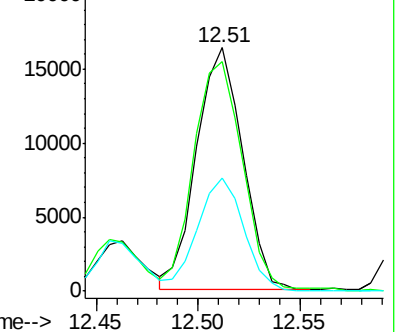
89 47.4 33.5 50.3

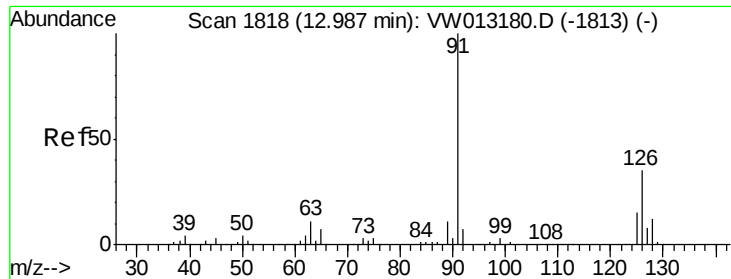


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

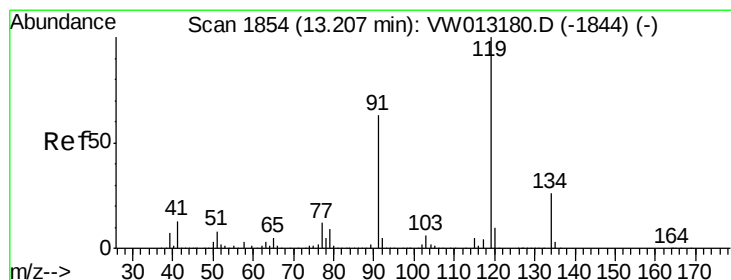
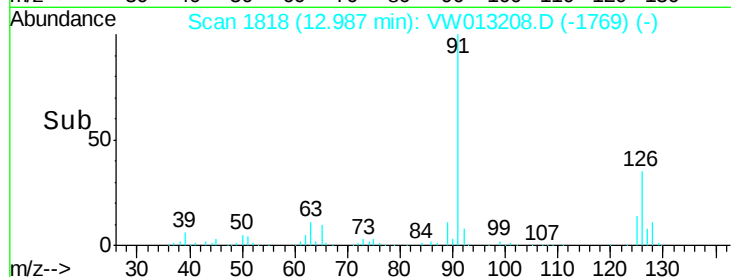
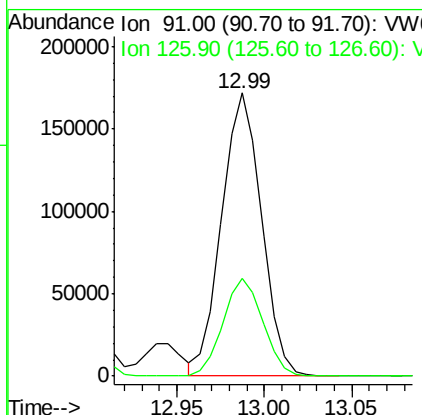
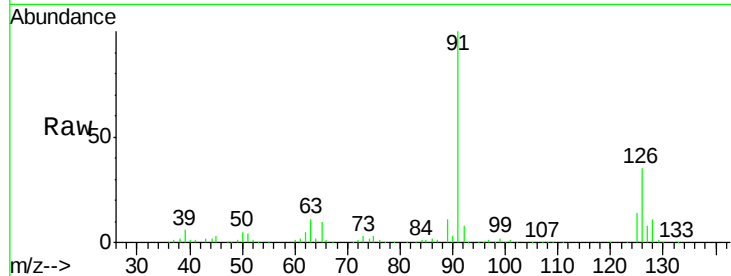




#82
4-Chlorotoluene
Concen: 55.976 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

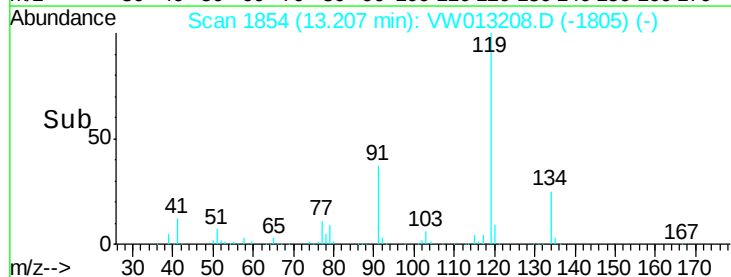
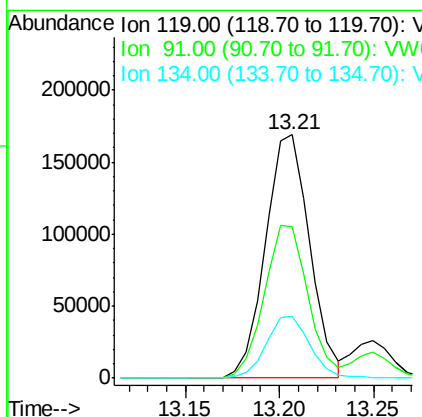
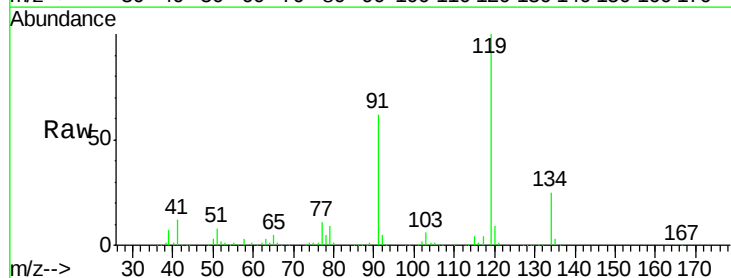
Instrument :
MSVOA_W
ClientSampleId :

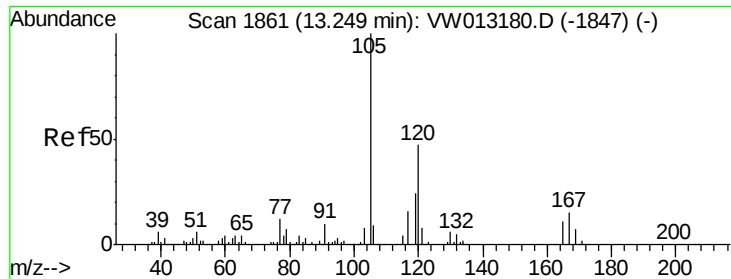
Tot Ion: 91 Resp: 270881
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#83
tert-Butylbenzene
Concen: 53.250 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion: 119 Resp: 274930
Ion Ratio Lower Upper
119 100
91 62.3 30.7 92.1
134 25.3 12.6 37.6

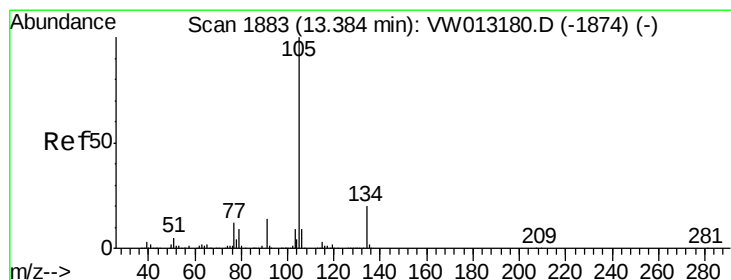
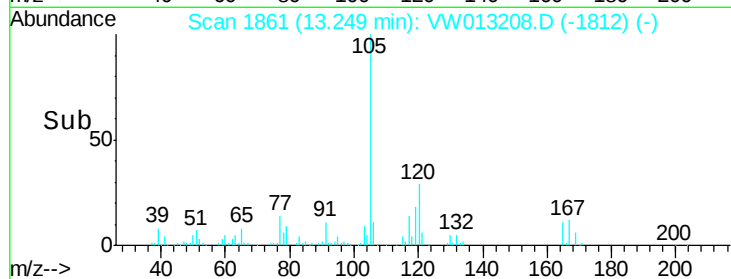
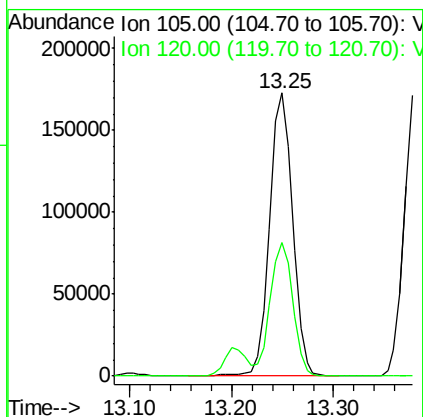
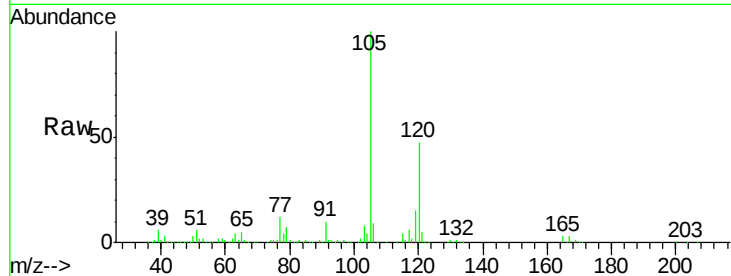




#84
 1,2,4-Trimethylbenzene
 Concen: 46.073 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013208.D
 Acq: 21 Sep 2019 03:03

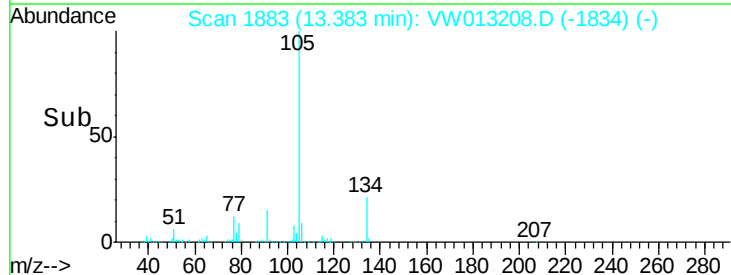
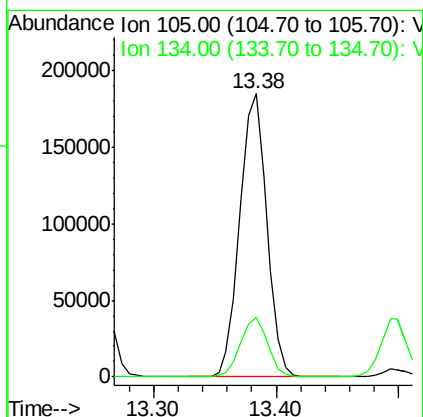
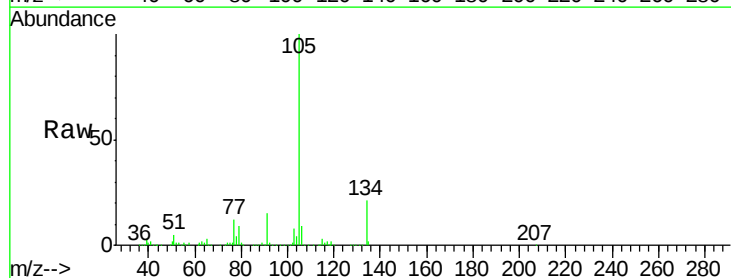
Instrument :
 MSVOA_W
 ClientSampleId :

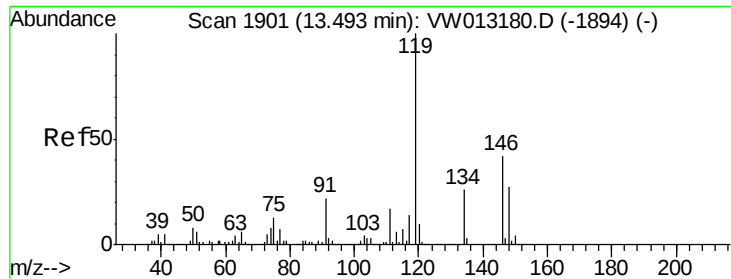
Tot Ion:105 Resp: 269688
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 39.833 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013208.D
 Acq: 21 Sep 2019 03:03

Tgt Ion:105 Resp: 283535
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.8

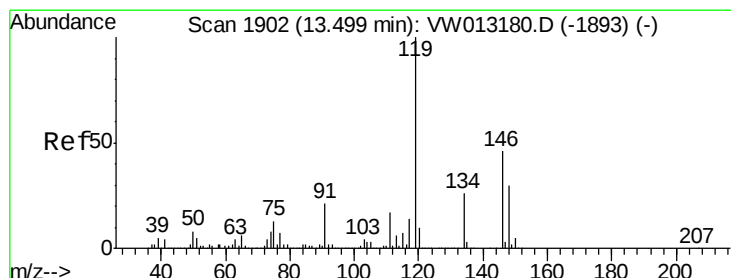
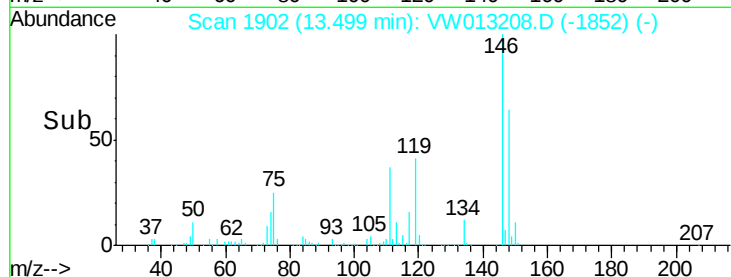
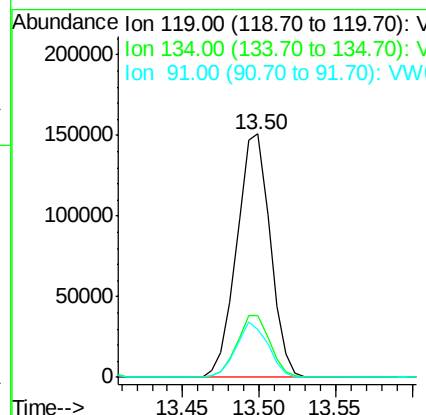
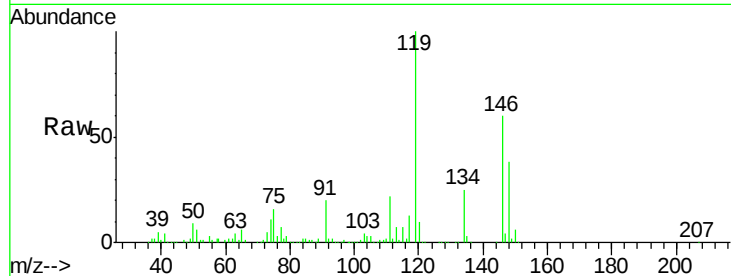




#86
p-Isopropyltoluene
Concen: 34.597 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.01 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

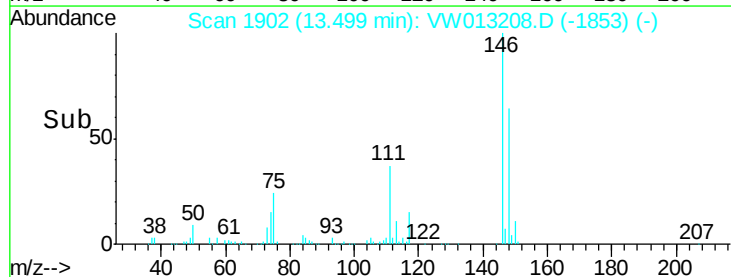
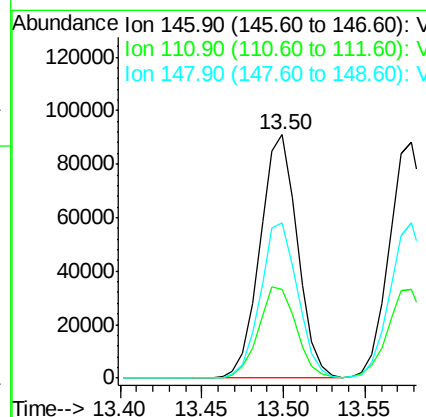
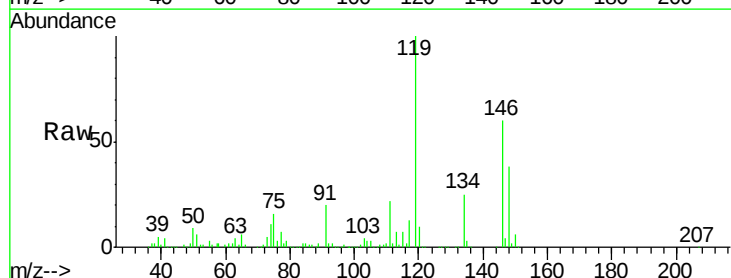
Instrument :
MSVOA_W
ClientSampled :

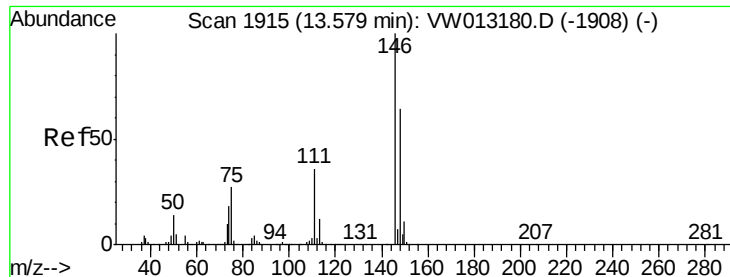
Tot Ion:119 Resp: 228418
Ion Ratio Lower Upper
119 100
134 25.4 13.3 39.8
91 21.5 10.8 32.4



#87
1,3-Dichlorobenzene
Concen: 45.467 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW013208.D
Acq: 21 Sep 2019 03:03

Tgt Ion:146 Resp: 145107
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.9
148 63.8 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 45.713 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampleId :

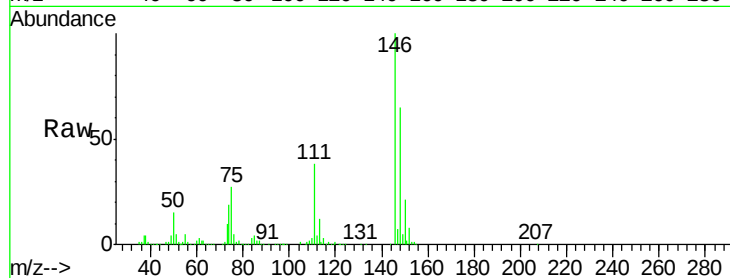
Tot Ion:146 Resp: 143082

Ion Ratio Lower Upper

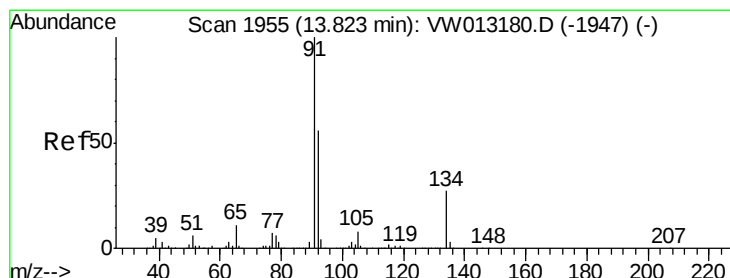
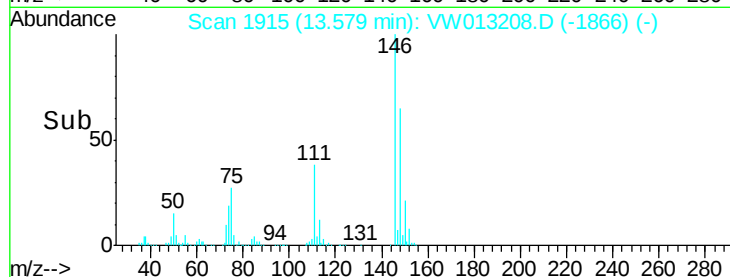
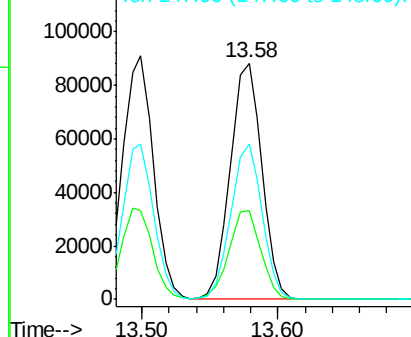
146 100

111 38.1 18.4 55.0

148 64.9 32.1 96.3



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



#89

n-Butylbenzene

Concen: 23.275 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

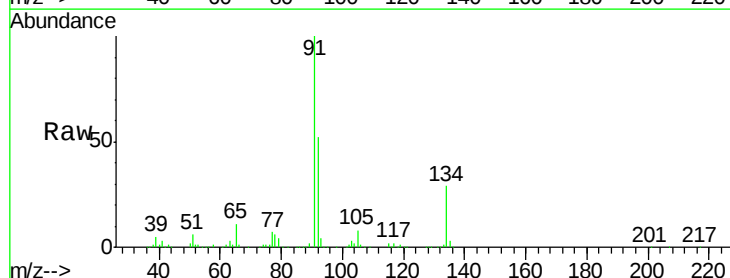
Tgt Ion: 91 Resp: 140315

Ion Ratio Lower Upper

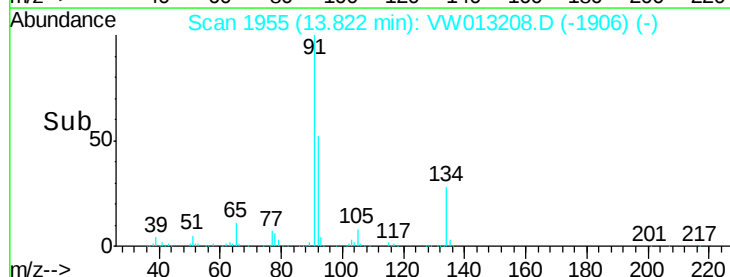
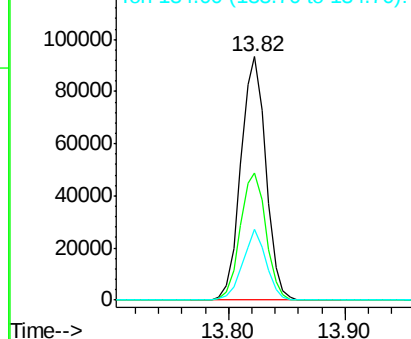
91 100

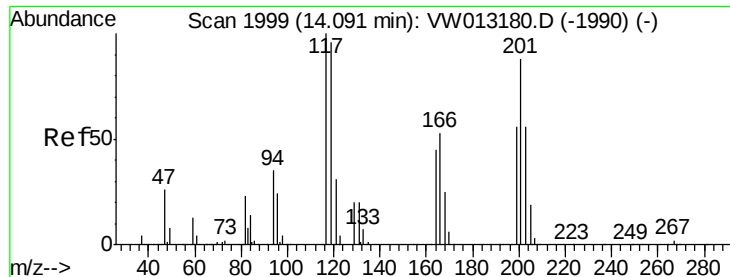
92 53.6 27.6 82.8

134 27.2 13.7 41.1



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: 53.420 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

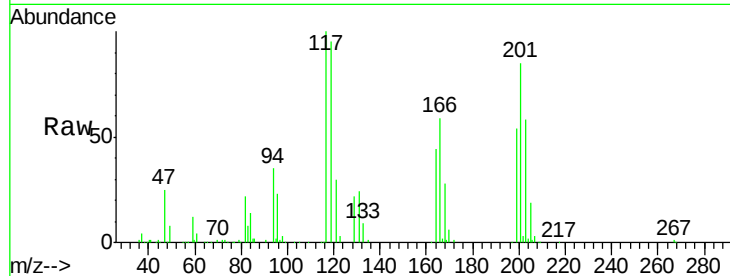
ClientSampleId :

Tot Ion:117 Resp: 59249

Ion Ratio Lower Upper

117 100

201 91.8 44.5 133.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.09

40000

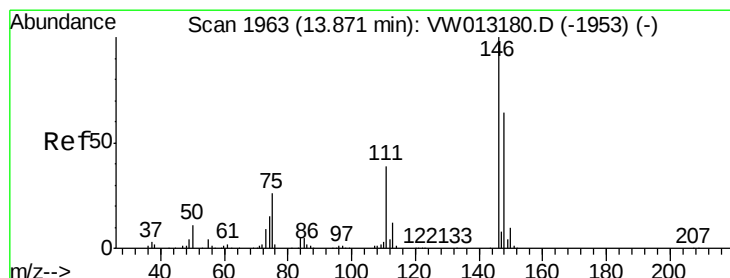
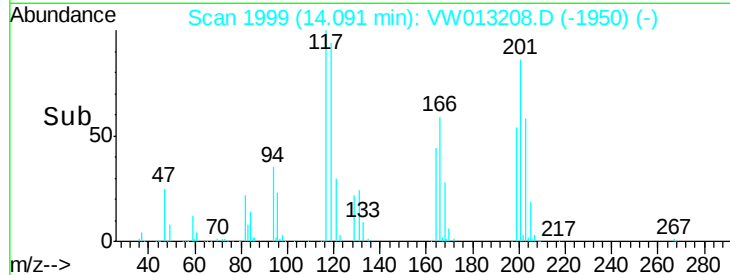
30000

20000

10000

0

Time--> 14.00 14.10



#91

1,2-Dichlorobenzene

Concen: 46.788 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

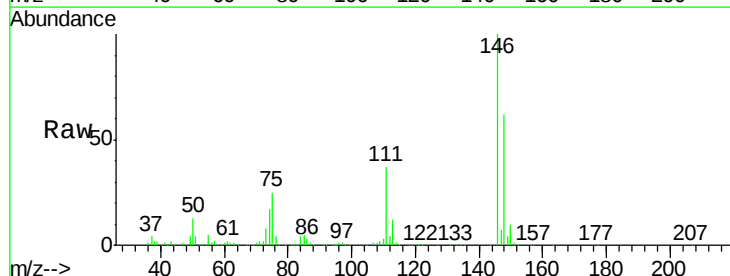
Tgt Ion:146 Resp: 129183

Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.3

148 64.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.87

100000

80000

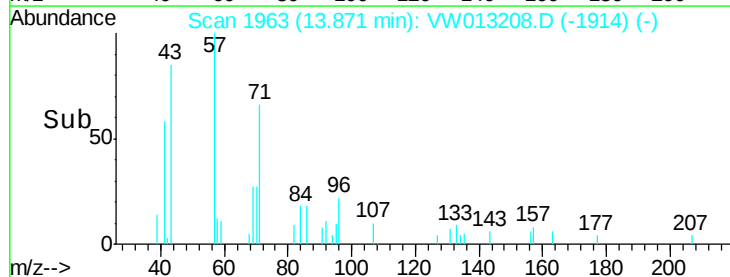
60000

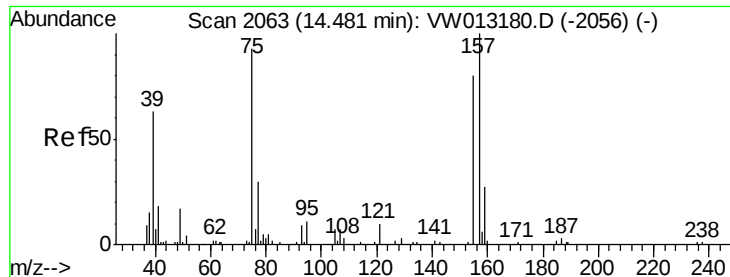
40000

20000

0

Time--> 13.80 13.90





#92

1,2-Dibromo-3-Chloropropane

Concen: 80.271 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

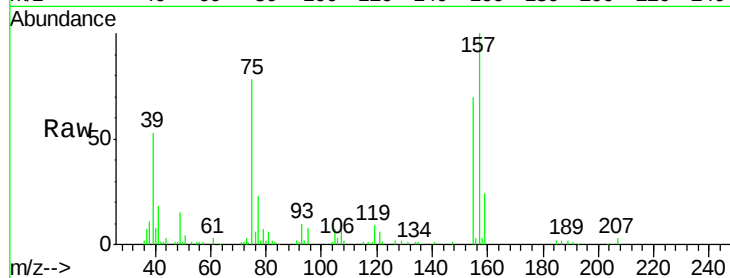
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 14369

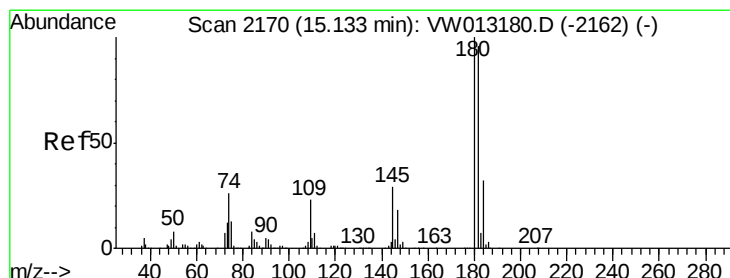
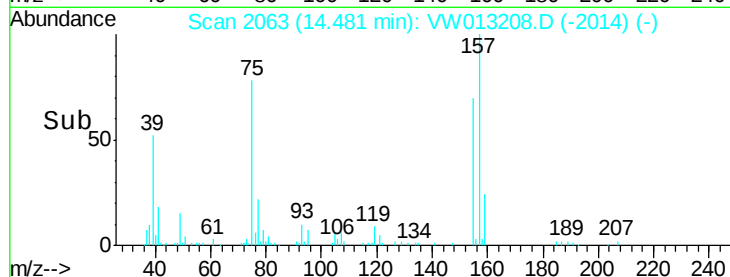
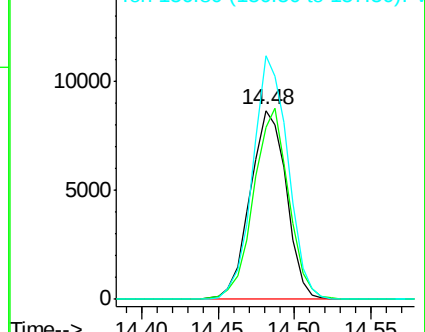
Ion	Ratio	Lower	Upper
75	100		
155	97.3	46.1	138.3
157	124.2	60.4	181.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 10.448 ug/l

RT: 15.13 min Scan# 2169

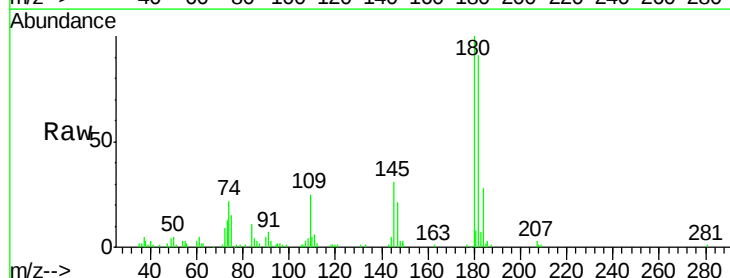
Delta R.T. -0.01 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Tgt Ion: 180 Resp: 20672

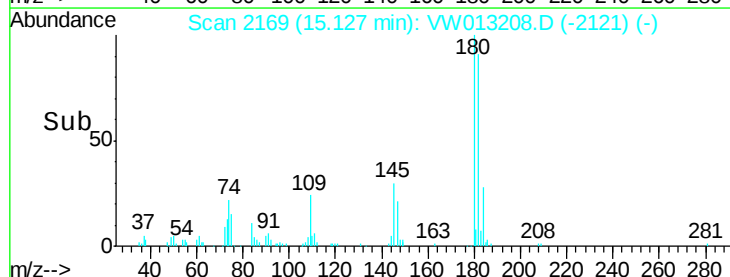
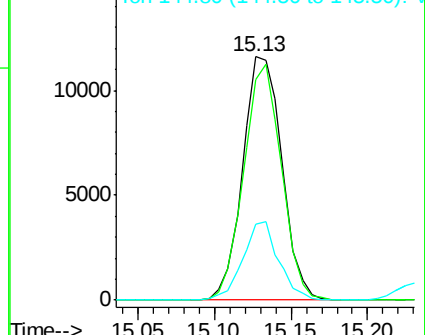
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	142.0
145	29.3	14.2	42.8

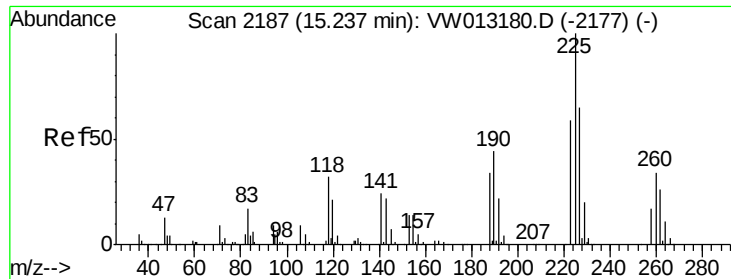


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 14.203 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

Instrument :

MSVOA_W

ClientSampled :

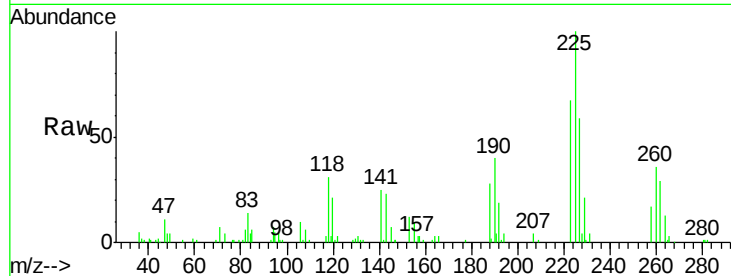
Tot Ion:225 Resp: 19225

Ion Ratio Lower Upper

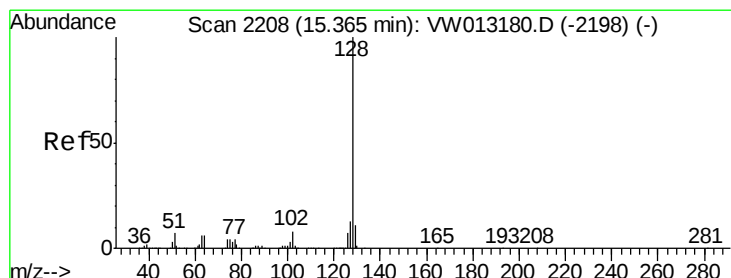
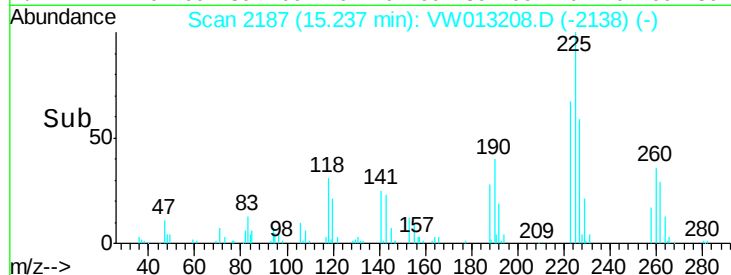
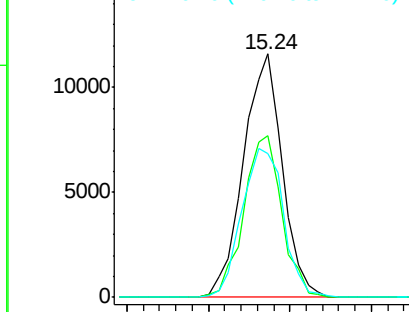
225 100

223 65.2 30.6 91.8

227 65.4 31.9 95.9



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



#95

Naphthalene

Concen: 25.808 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013208.D

Acq: 21 Sep 2019 03:03

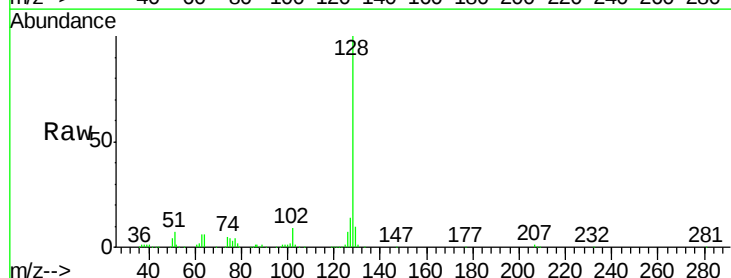
Tgt Ion:128 Resp: 83511

Ion Ratio Lower Upper

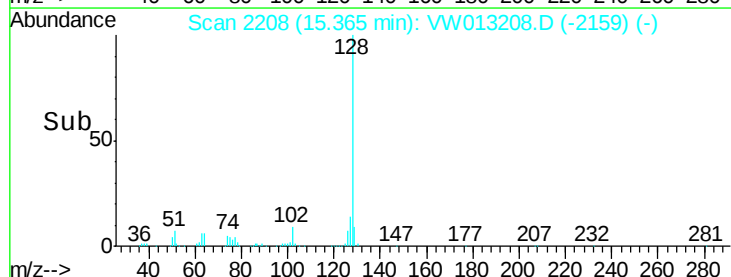
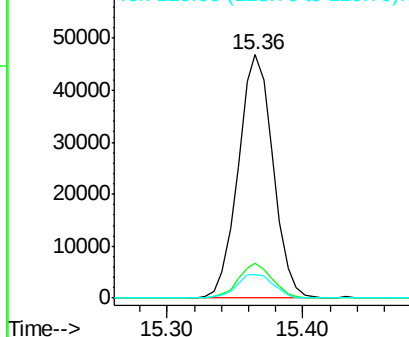
128 100

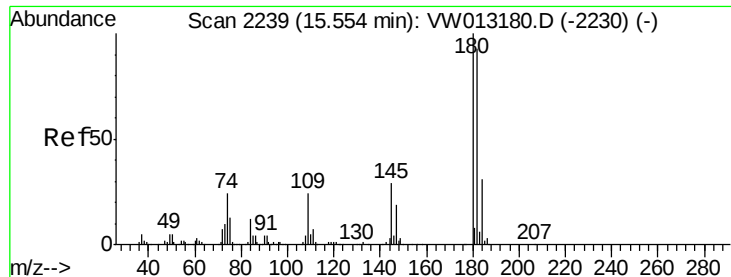
127 13.9 10.6 15.8

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

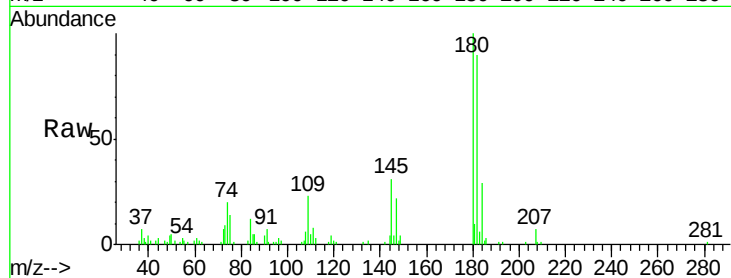




#96
 1,2,3-Trichlorobenzene
 Concen: 10.330 ug/l
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: VW013208.D
 Acq: 21 Sep 2019 03:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.9	143.7
145	30.6	15.0	45.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

