

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014734.D
 Acq On : 23 Jan 2020 19:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 04:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	566994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	875551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	766322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	375579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	304168	61.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.72%	
35) Dibromofluoromethane	7.88	113	280303	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
50) Toluene-d8	10.32	98	1135150	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.62	95	389207	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	161198	50.353	ug/l	99
3) Chloromethane	2.21	50	204770	52.256	ug/l	98
4) Vinyl Chloride	2.36	62	324158	56.243	ug/l	98
5) Bromomethane	2.77	94	208793	58.643	ug/l	99
6) Chloroethane	2.92	64	215586	65.619	ug/l	99
7) Trichlorofluoromethane	3.25	101	166062	57.587	ug/l	97
8) Diethyl Ether	3.67	74	164496	57.332	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	301332	55.926	ug/l	98
10) Methyl Iodide	4.28	142	423277	52.066	ug/l	96
11) Tert butyl alcohol	5.15	59	119391	318.655	ug/l	98
12) 1,1-Dichloroethene	4.04	96	304245	53.921	ug/l	96
13) Acrolein	3.89	56	169235	391.134	ug/l	97
14) Allyl chloride	4.66	41	508609	58.986	ug/l	98
15) Acrylonitrile	5.35	53	428264	326.548	ug/l	99
16) Acetone	4.12	43	377014	269.338	ug/l	97
17) Carbon Disulfide	4.39	76	873113	51.341	ug/l	98
18) Methyl Acetate	4.67	43	218714	64.696	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	476946	68.095	ug/l	97
20) Methylene Chloride	4.92	84	330764	59.258	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	328735	54.869	ug/l	92
22) Diisopropyl ether	6.31	45	1024137	63.457	ug/l	98
23) Vinyl Acetate	6.24	43	3074350	315.455	ug/l	98
24) 1,1-Dichloroethane	6.21	63	598068	58.747	ug/l	99
25) 2-Butanone	7.17	43	556021	309.524	ug/l	95
26) 2,2-Dichloropropane	7.16	77	314115	55.730	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	351985	55.912	ug/l	95
28) Bromochloromethane	7.51	49	295485	74.034	ug/l	92
29) Tetrahydrofuran	7.52	42	361021	324.406	ug/l	98
30) Chloroform	7.67	83	561662	58.998	ug/l	99
31) Cyclohexane	7.95	56	567404	53.631	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	445021	58.123	ug/l	98
36) 1,1-Dichloropropene	8.07	75	464432	55.023	ug/l	99
37) Ethyl Acetate	7.24	43	245581	64.151	ug/l	97
38) Carbon Tetrachloride	8.07	117	404033	55.175	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014734.D
 Acq On : 23 Jan 2020 19:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 04:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	570206	52.641	ug/l	94
40) Benzene	8.32	78	1332256	55.786	ug/l	100
41) Methacrylonitrile	7.48	41	138737	65.015	ug/l	96
42) 1,2-Dichloroethane	8.40	62	371973	60.020	ug/l	97
43) Isopropyl Acetate	8.42	43	433968	62.428	ug/l	98
44) Trichloroethene	9.09	130	341253	52.807	ug/l	96
45) 1,2-Dichloropropane	9.37	63	338326	57.731	ug/l	99
46) Dibromomethane	9.45	93	167053	57.742	ug/l	97
47) Bromodichloromethane	9.64	83	415705	58.201	ug/l	98
48) Methyl methacrylate	9.43	41	216795	63.876	ug/l	97
49) 1,4-Dioxane	9.45	88	62149	1148.556	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1172927	324.919	ug/l	98
52) Toluene	10.38	92	820648	54.621	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	429334	58.054	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	506684	56.059	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	243070	57.528	ug/l	98
56) Ethyl methacrylate	10.64	69	335525	61.103	ug/l #	93
57) 1,3-Dichloropropane	10.93	76	429317	57.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	622862	372.962	ug/l	97
59) 2-Hexanone	10.96	43	811043	326.041	ug/l	96
60) Dibromochloromethane	11.13	129	266788	55.961	ug/l	98
61) 1,2-Dibromoethane	11.23	107	228374	56.941	ug/l	99
64) Tetrachloroethene	10.86	164	306225	55.197	ug/l	96
65) Chlorobenzene	11.65	112	835629	53.226	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	286891	54.274	ug/l	99
67) Ethyl Benzene	11.73	91	1541503	54.484	ug/l	99
68) m/p-Xylenes	11.83	106	1162631	107.369	ug/l	98
69) o-Xylene	12.16	106	545211	54.508	ug/l	100
70) Styrene	12.18	104	936915	55.379	ug/l	99
71) Bromoform	12.35	173	162640	56.408	ug/l #	97
73) Isopropylbenzene	12.46	105	1488041	53.996	ug/l	100
74) N-amyl acetate	12.27	43	388165	62.819	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	288680	58.036	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	366460	103.198	ug/l #	100
77) Bromobenzene	12.74	156	340284	53.164	ug/l	95
78) n-propylbenzene	12.80	91	1785214	55.090	ug/l	99
79) 2-Chlorotoluene	12.89	91	1002915	54.385	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1255312	54.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	92494	58.034	ug/l	95
82) 4-Chlorotoluene	12.99	91	1049621	54.784	ug/l	98
83) tert-Butylbenzene	13.20	119	1099821	54.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1257149	54.596	ug/l	99
85) sec-Butylbenzene	13.38	105	1531435	54.613	ug/l	99
86) p-Isopropyltoluene	13.49	119	1381406	54.046	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	663846	53.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	645407	52.525	ug/l	99
89) n-Butylbenzene	13.82	91	1311901	55.272	ug/l	99
90) Hexachloroethane	14.09	117	237907	53.281	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	588799	53.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	45743	58.072	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
Data File : VW014734.D
Acq On : 23 Jan 2020 19:40
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 24 04:14:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	403504	54.621	ug/l	98
94) Hexachlorobutadiene	15.23	225	260122	52.543	ug/l	97
95) Naphthalene	15.36	128	769790	61.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	345863	53.711	ug/l	99

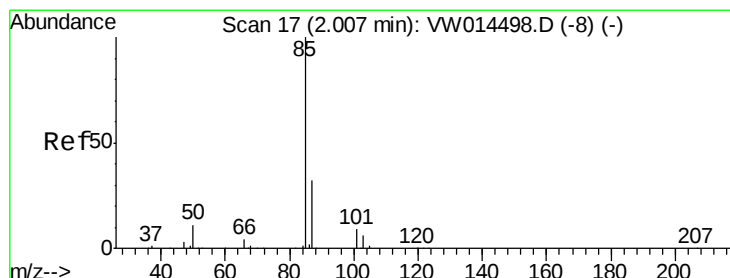
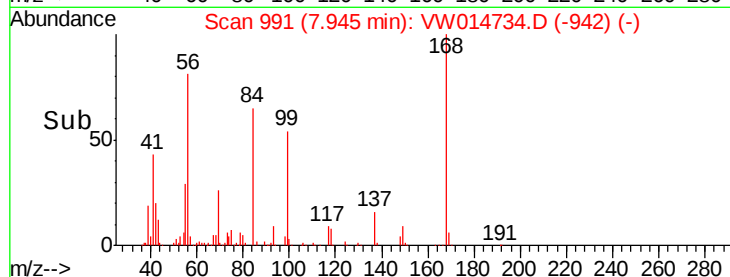
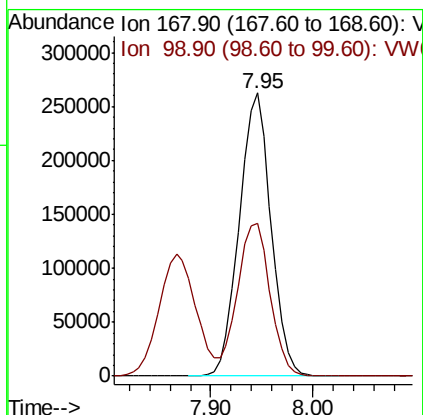
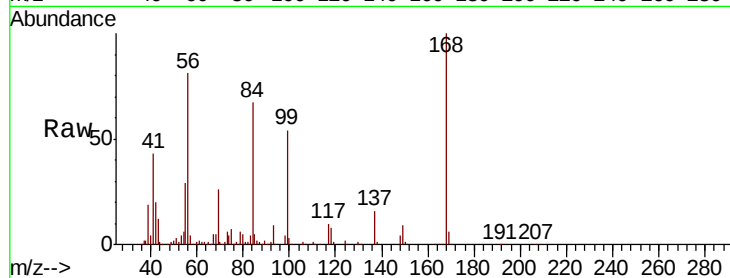
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

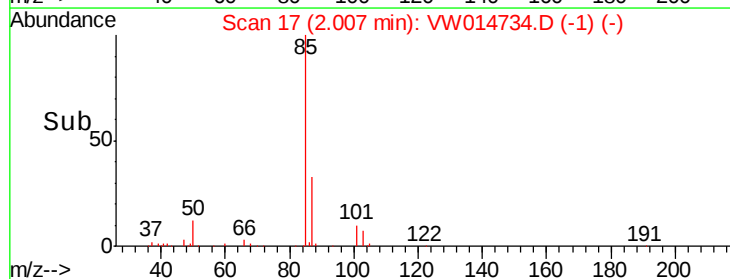
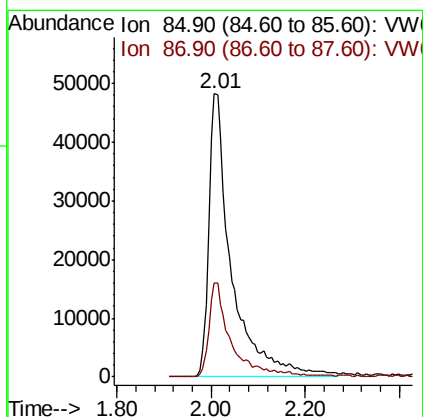
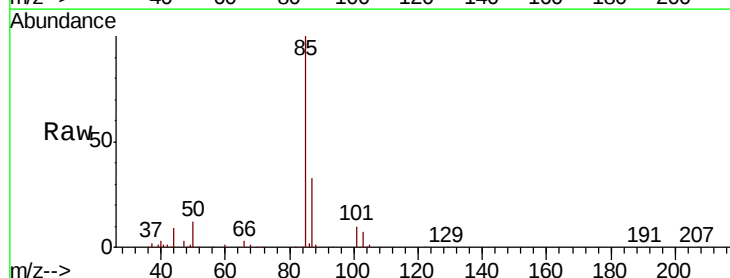
Instrument :
MSVOA_W
ClientSampled :

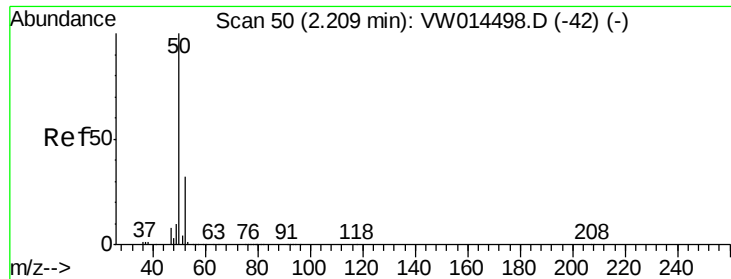
Tot Ion:168 Resp: 566994
Ion Ratio Lower Upper
168 100
99 54.1 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 50.353 ug/l
RT: 2.01 min Scan# 17
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 85 Resp: 161198
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.5





#3

Chloromethane

Concen: 52.256 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

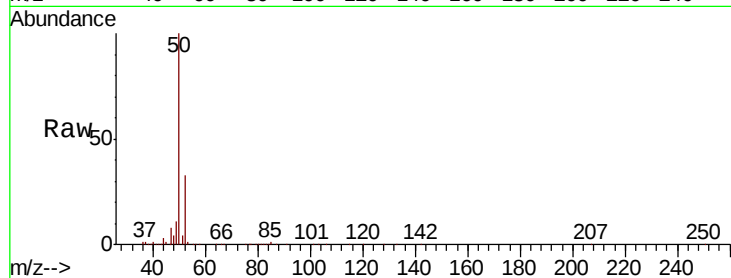
ClientSampled :

Tot Ion: 50 Resp: 204770

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

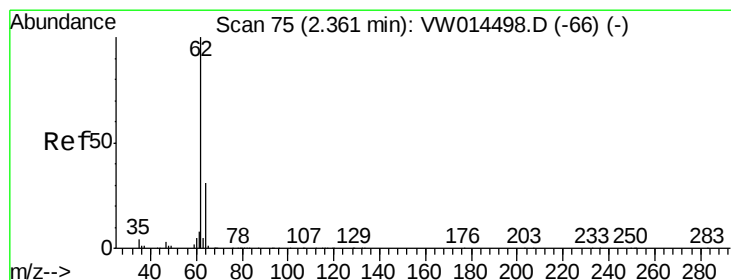
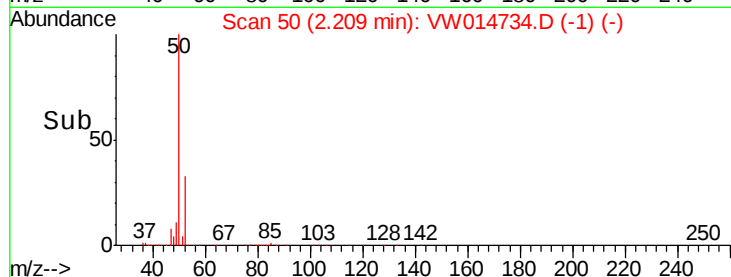
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 56.243 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014734.D

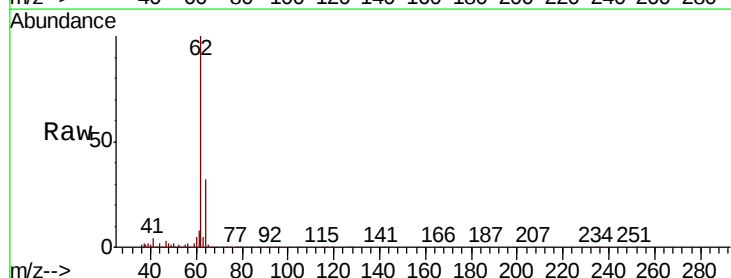
Acq: 23 Jan 2020 19:40

Tgt Ion: 62 Resp: 324158

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

200000

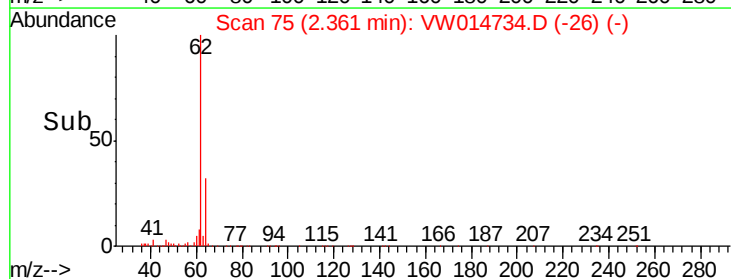
150000

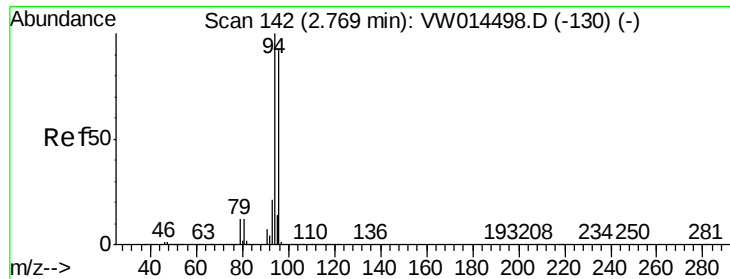
100000

50000

0

Time-->





#5

Bromomethane

Concen: 58.643 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

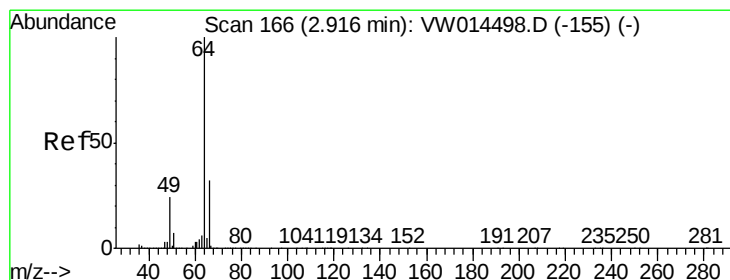
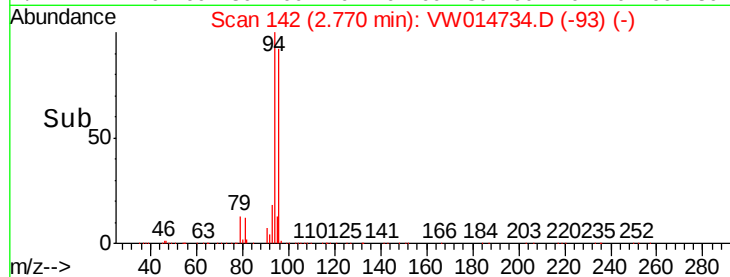
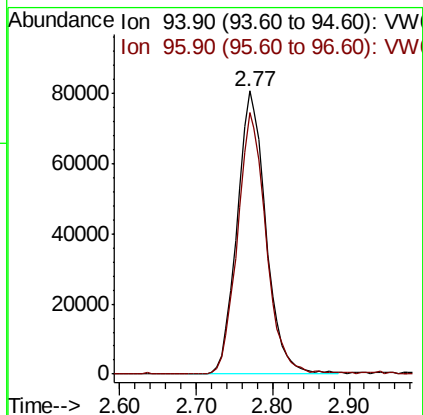
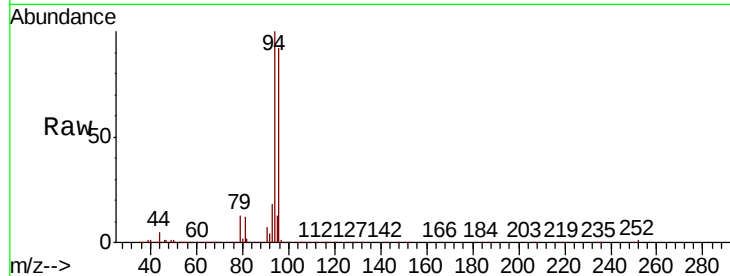
ClientSampled :

Tot Ion: 94 Resp: 208793

Ion Ratio Lower Upper

94 100

96 92.2 74.2 111.2



#6

Chloroethane

Concen: 65.619 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014734.D

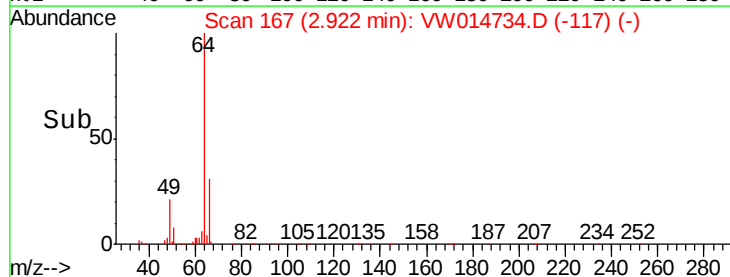
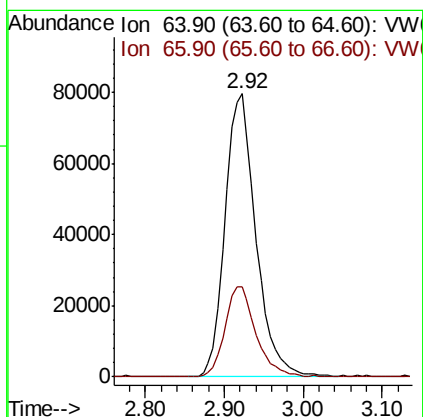
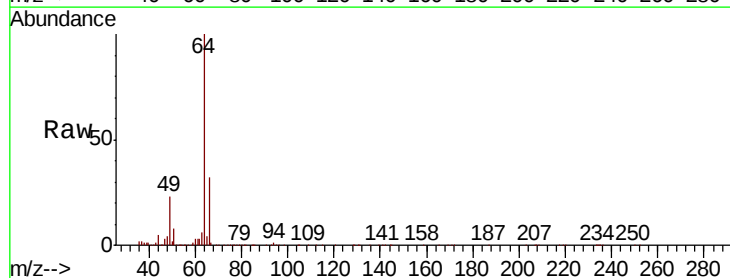
Acq: 23 Jan 2020 19:40

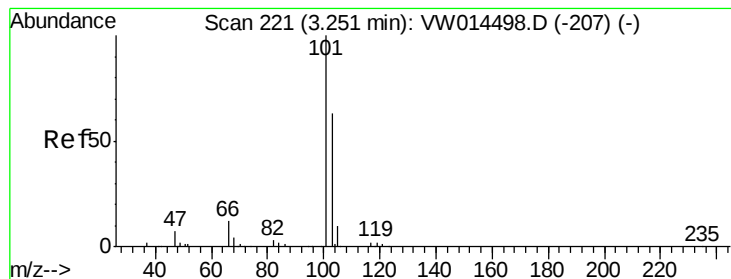
Tgt Ion: 64 Resp: 215586

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5



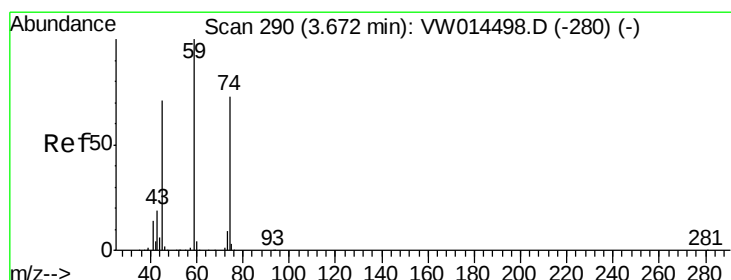
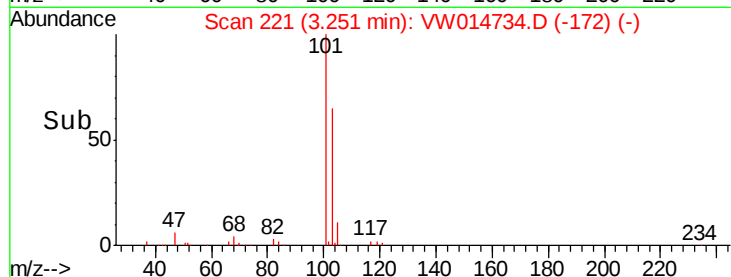
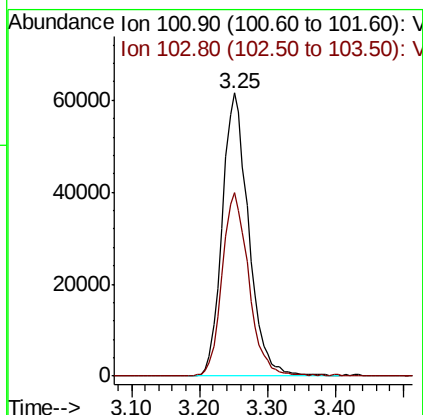
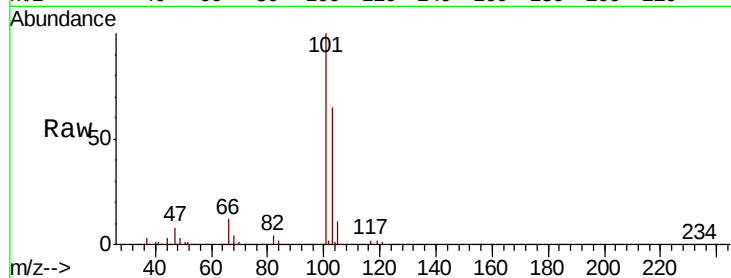


#7

Trichlorofluoromethane
Concen: 57.587 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :

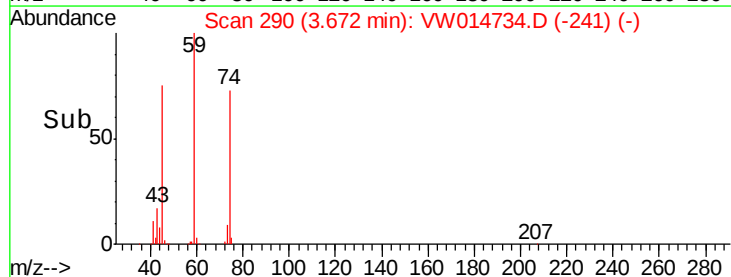
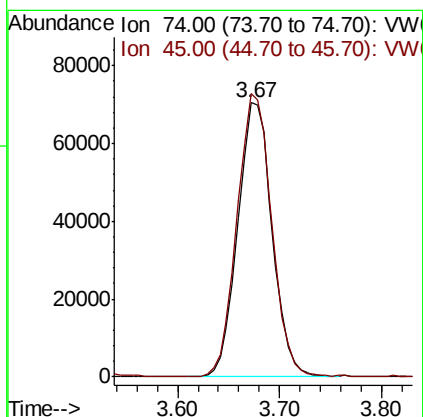
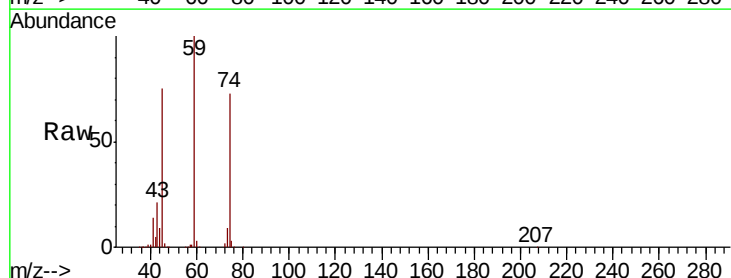
Tot Ion:101 Resp: 166062
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

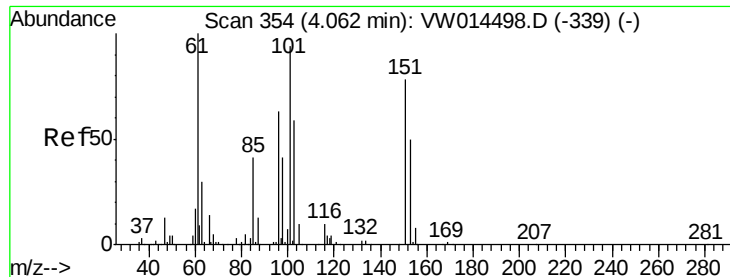


#8

Diethyl Ether
Concen: 57.332 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 74 Resp: 164496
Ion Ratio Lower Upper
74 100
45 104.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.926 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampled :

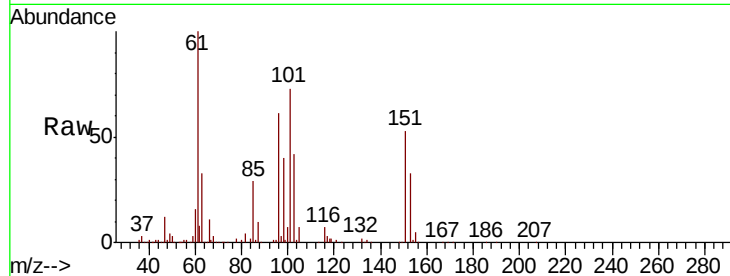
Tot Ion:101 Resp: 301332

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

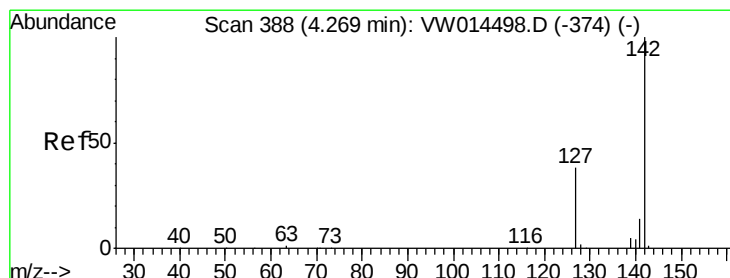
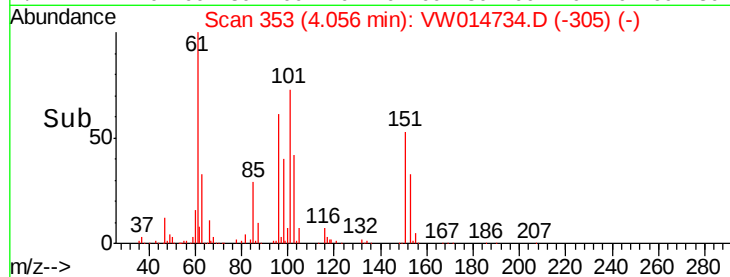
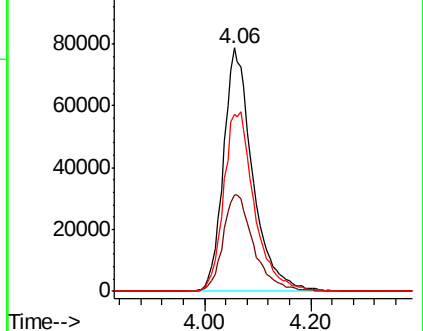
151 77.5 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.066 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

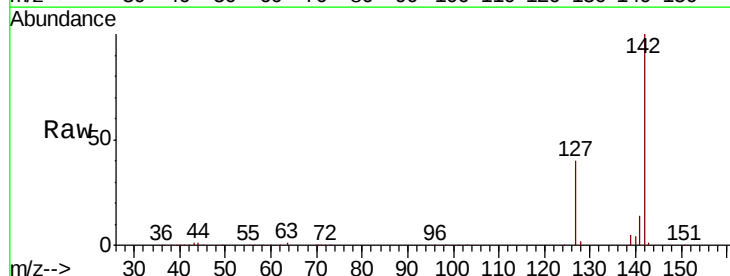
Tgt Ion:142 Resp: 423277

Ion Ratio Lower Upper

142 100

127 40.7 30.2 45.4

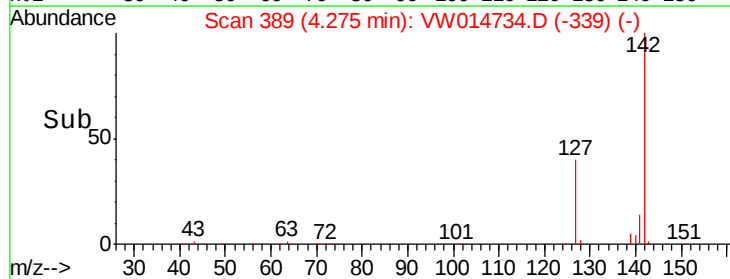
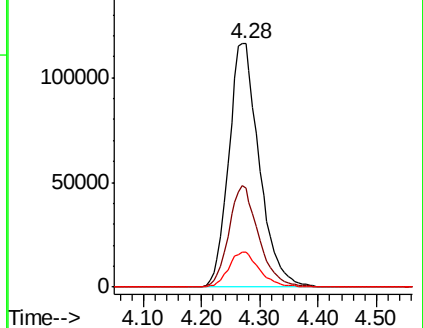
141 14.6 11.4 17.2

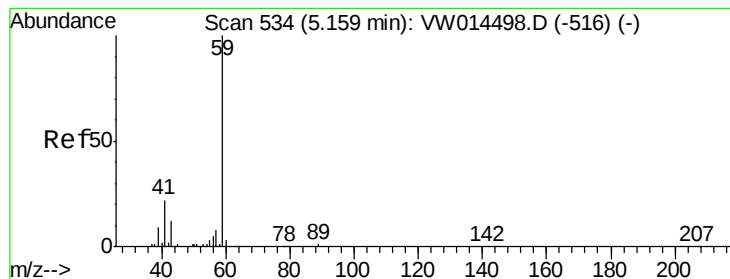


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



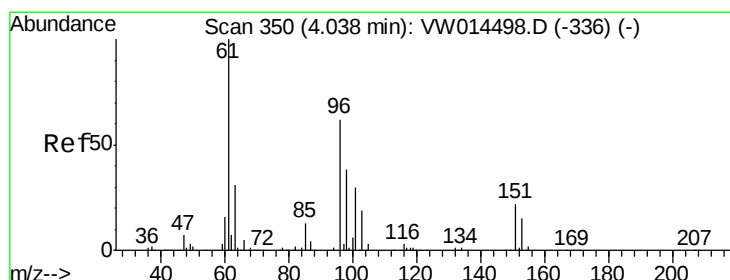
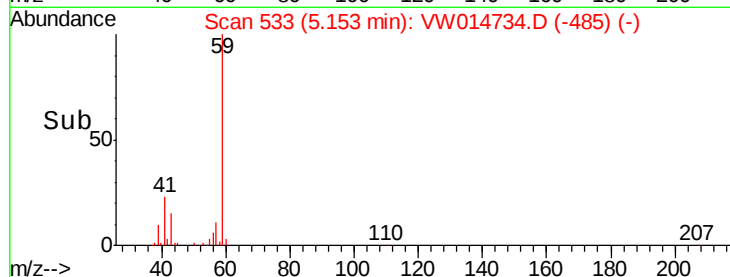
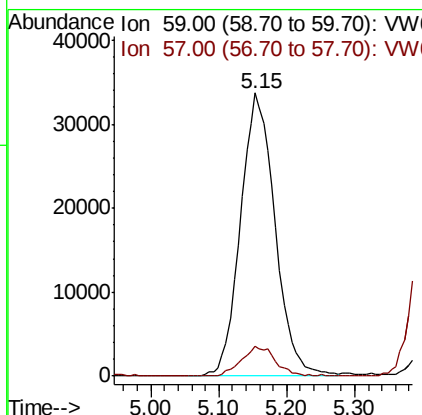
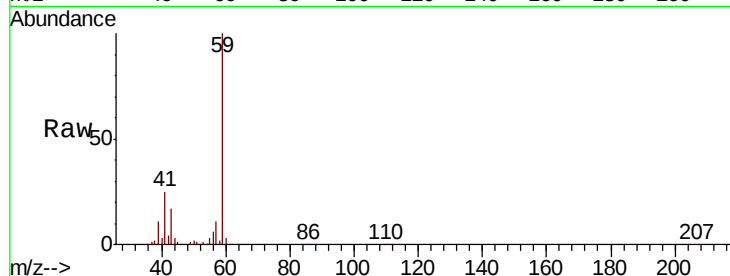


#11

Tert butyl alcohol
 Concen: 318.655 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Instrument :
 MSVOA_W
 ClientSampleId :

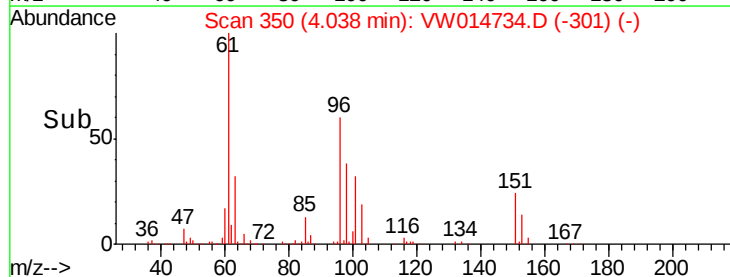
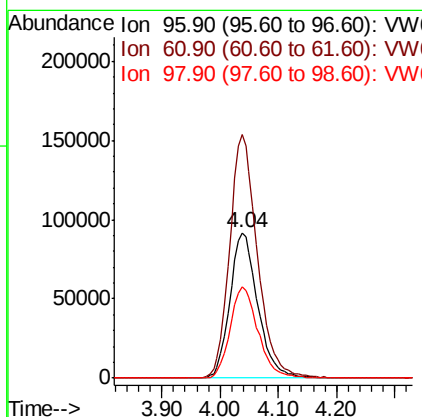
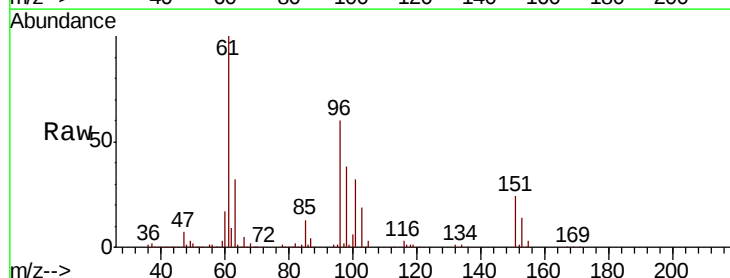
Tot Ion: 59 Resp: 119391
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.8

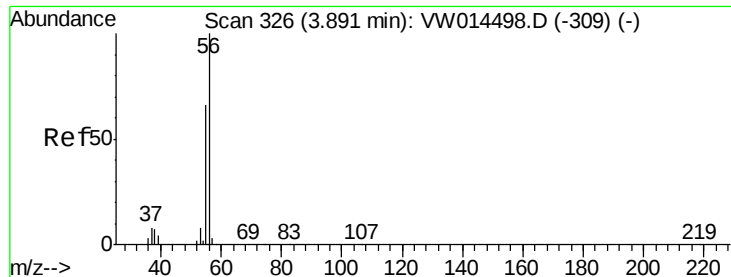


#12

1,1-Dichloroethene
 Concen: 53.921 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion: 96 Resp: 304245
 Ion Ratio Lower Upper
 96 100
 61 167.3 128.4 192.6
 98 63.0 49.1 73.7

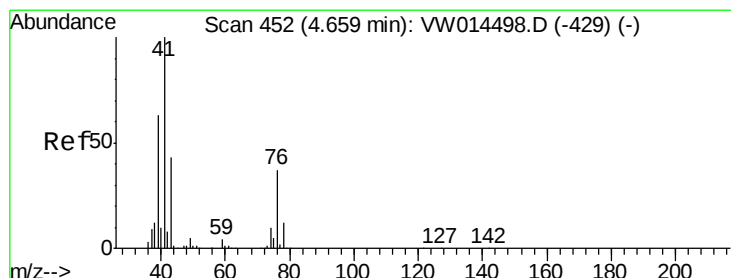
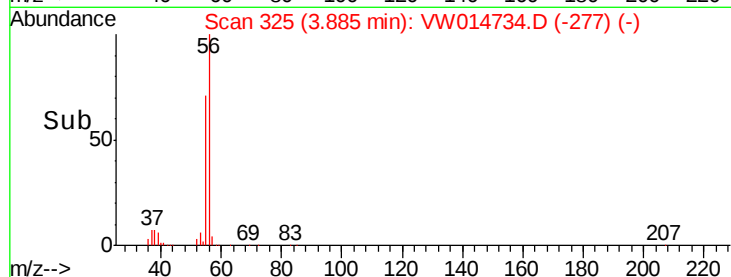
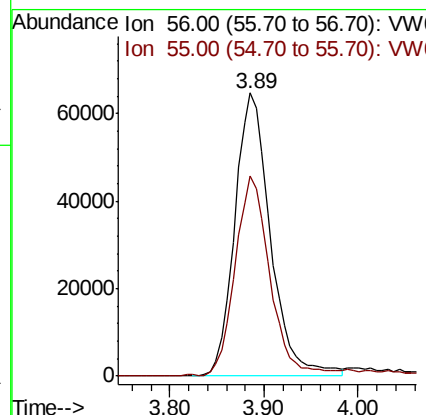
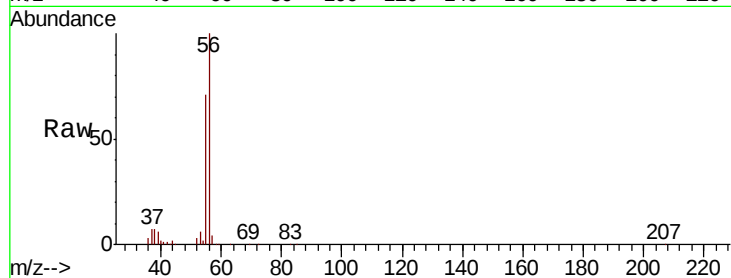




#13
 Acrolein
 Concen: 391.134 ug/l
 RT: 3.89 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

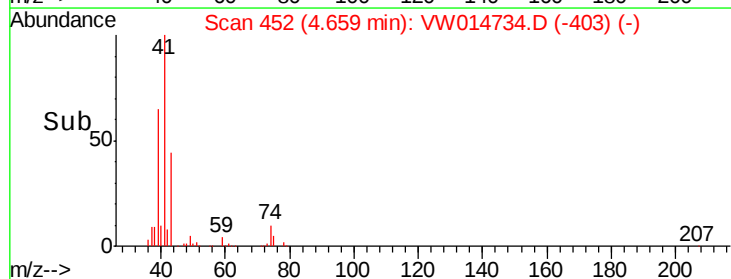
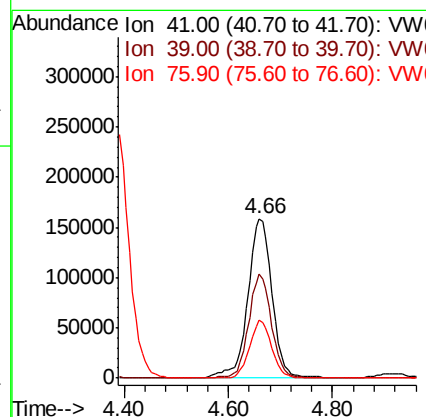
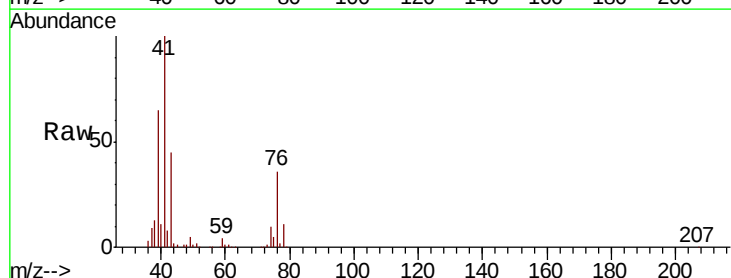
Instrument :
 MSVOA_W
 ClientSampleId :

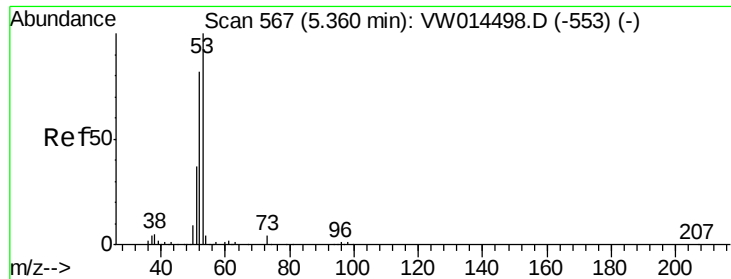
Tot Ion: 56 Resp: 169235
 Ion Ratio Lower Upper
 56 100
 55 68.6 56.7 85.1



#14
 Allyl chloride
 Concen: 58.986 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion: 41 Resp: 508609
 Ion Ratio Lower Upper
 41 100
 39 61.5 48.5 72.7
 76 32.7 28.1 42.1





#15

Acrylonitrile

Concen: 326.548 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

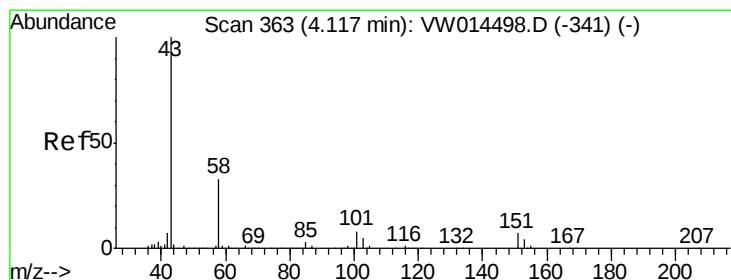
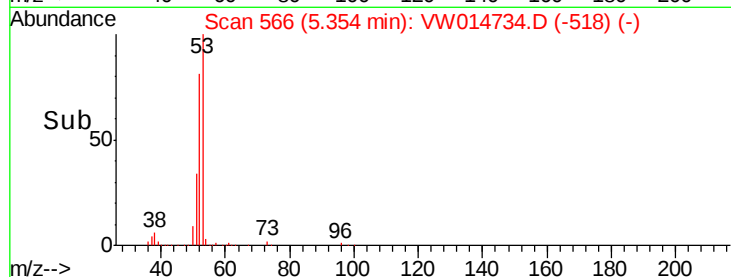
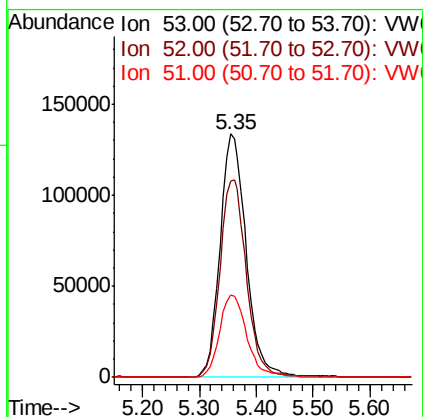
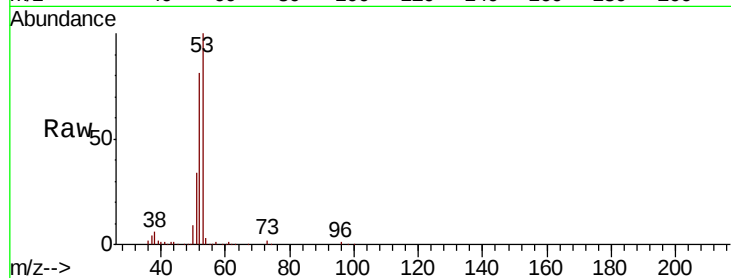
Tot Ion: 53 Resp: 428264

Ion Ratio Lower Upper

53 100

52 81.5 66.5 99.7

51 35.7 28.4 42.6



#16

Acetone

Concen: 269.338 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014734.D

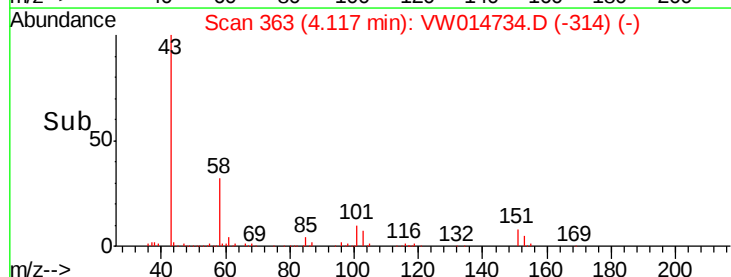
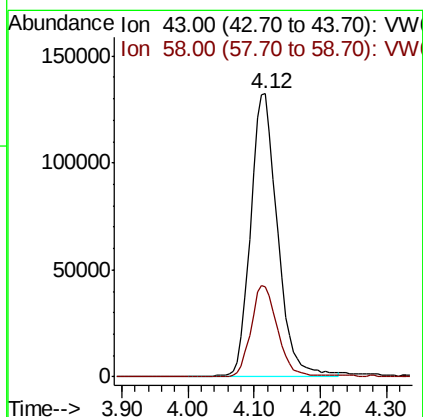
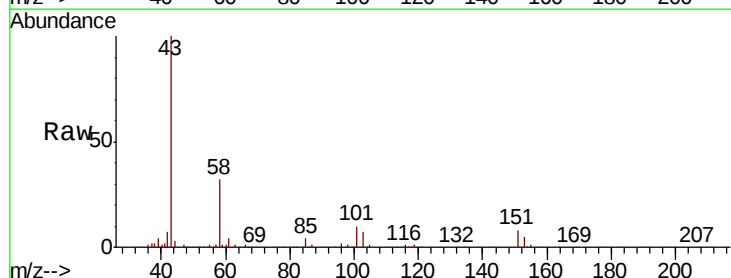
Acq: 23 Jan 2020 19:40

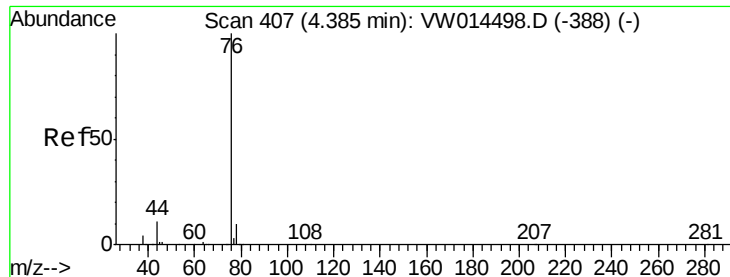
Tgt Ion: 43 Resp: 377014

Ion Ratio Lower Upper

43 100

58 31.7 26.6 39.8

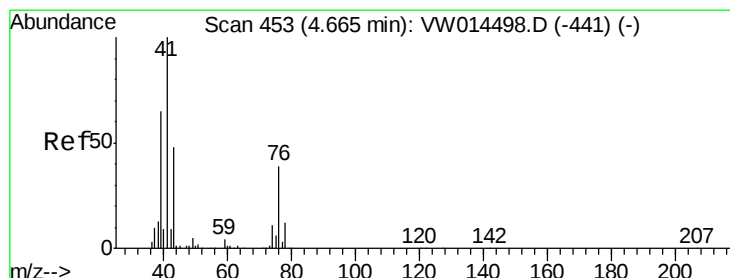
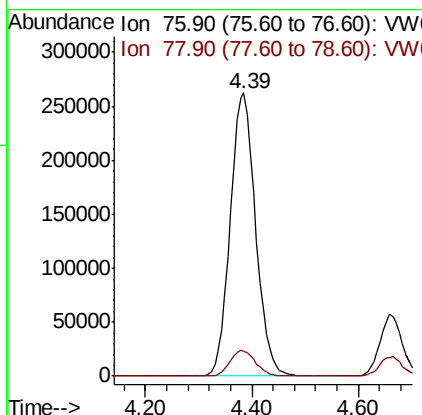
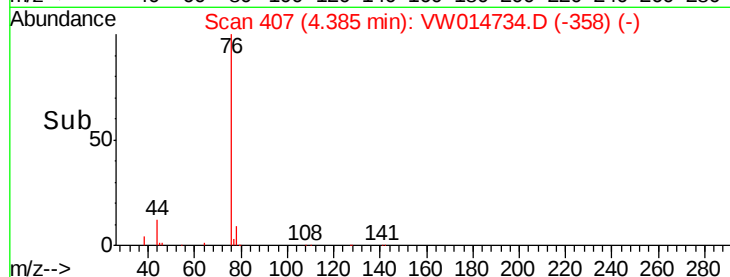
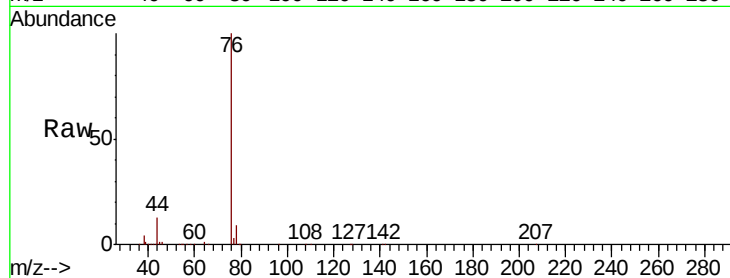




#17
Carbon Disulfide
Concen: 51.341 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

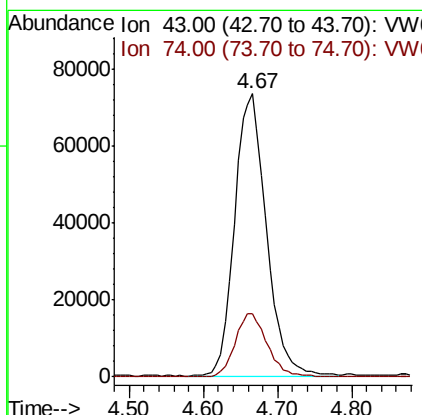
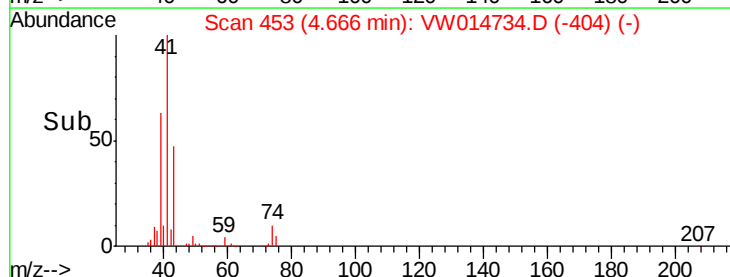
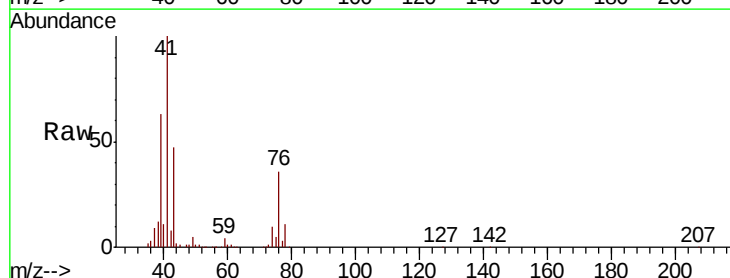
Instrument :
MSVOA_W
ClientSampled :

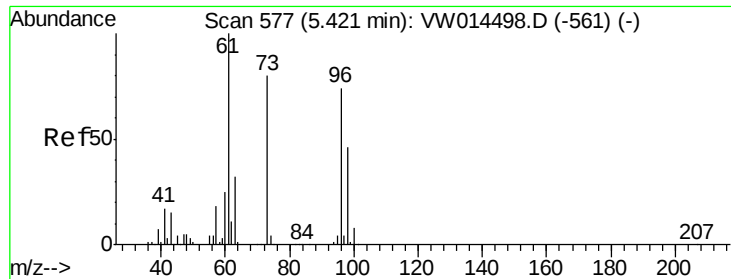
Tot Ion: 76 Resp: 873113
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6



#18
Methyl Acetate
Concen: 64.696 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 43 Resp: 218714
Ion Ratio Lower Upper
43 100
74 22.8 19.3 28.9

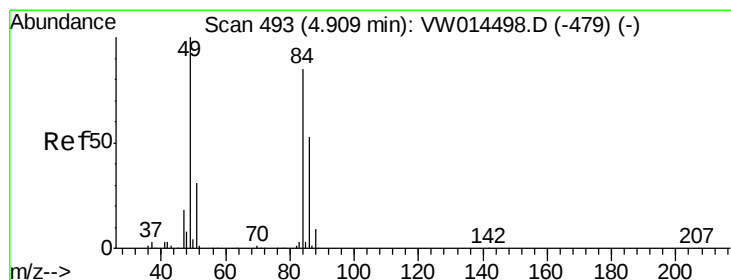
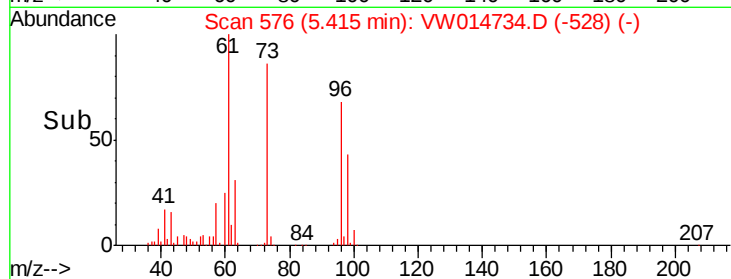
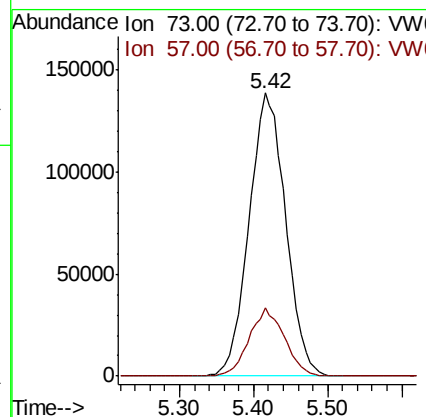
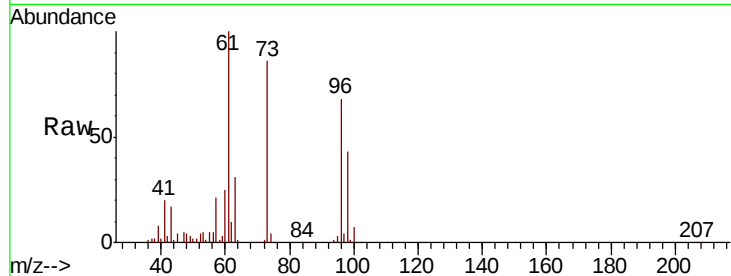




#19
Methyl tert-butyl Ether
Concen: 68.095 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

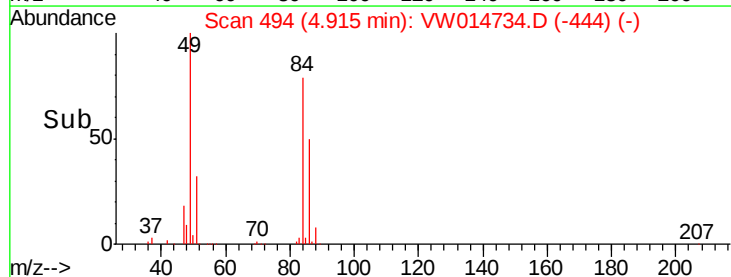
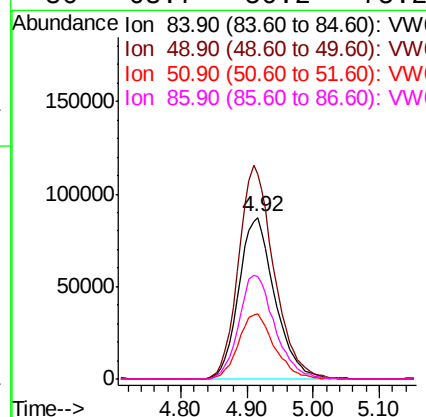
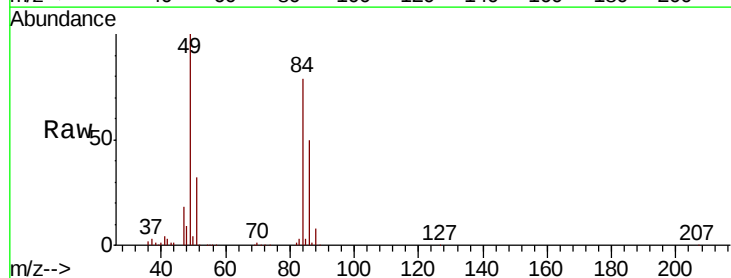
Instrument :
MSVOA_W
ClientSampled :

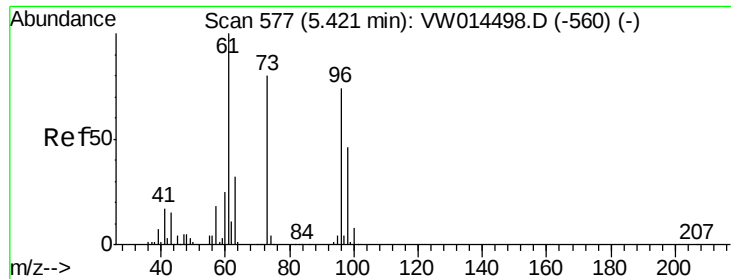
Tot Ion: 73 Resp: 476946
Ion Ratio Lower Upper
73 100
57 23.9 18.1 27.1



#20
Methylene Chloride
Concen: 59.258 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 84 Resp: 330764
Ion Ratio Lower Upper
84 100
49 127.0 94.4 141.6
51 40.3 29.5 44.3
86 63.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 54.869 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

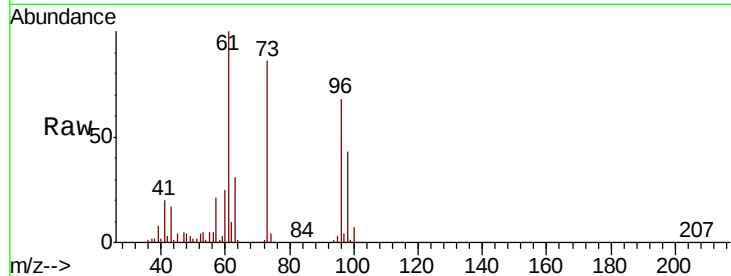
Tot Ion: 96 Resp: 328735

Ion Ratio Lower Upper

96 100

61 146.8 107.8 161.6

98 63.9 49.4 74.0

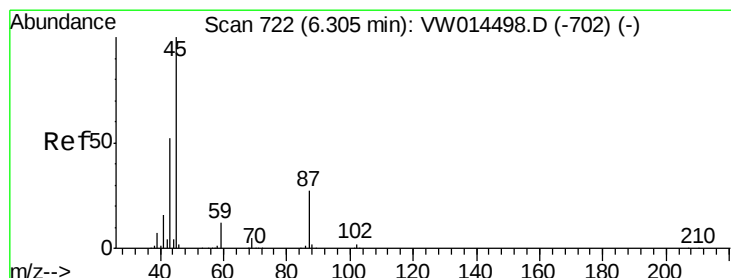
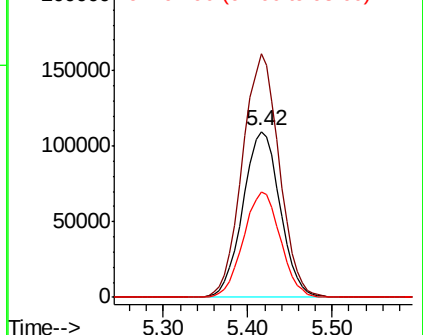
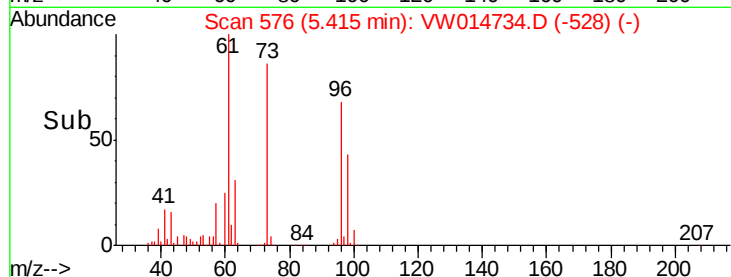


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 63.457 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion: 45 Resp: 1024137

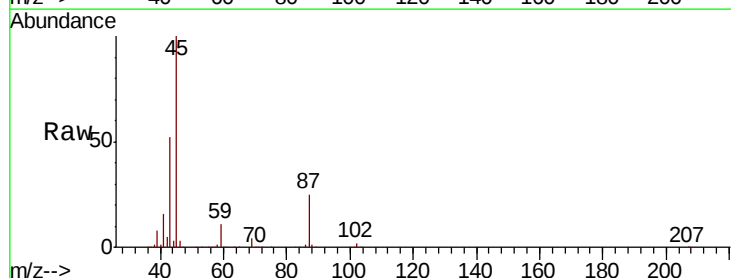
Ion Ratio Lower Upper

45 100

43 52.3 41.4 62.0

87 25.3 22.2 33.2

59 11.0 9.5 14.3



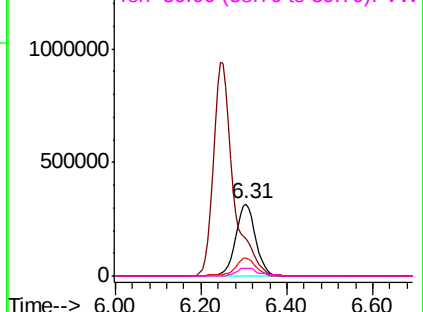
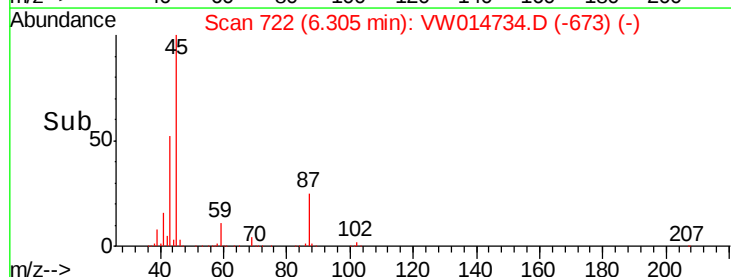
Abundance

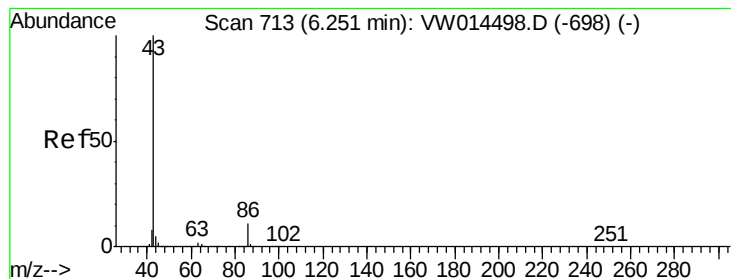
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 315.455 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

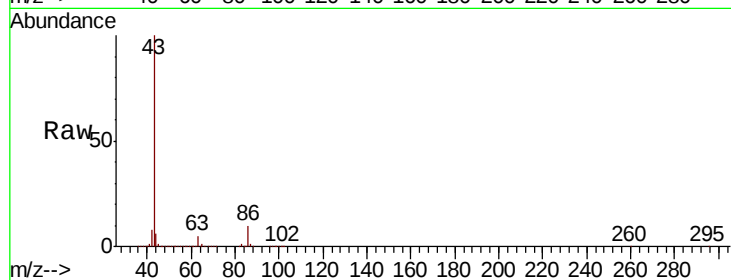
ClientSampled :

Tot Ion: 43 Resp: 3074350

Ion Ratio Lower Upper

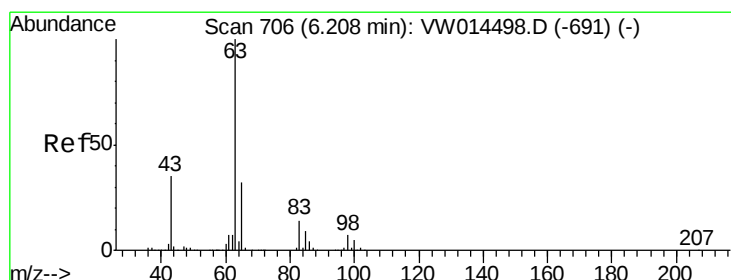
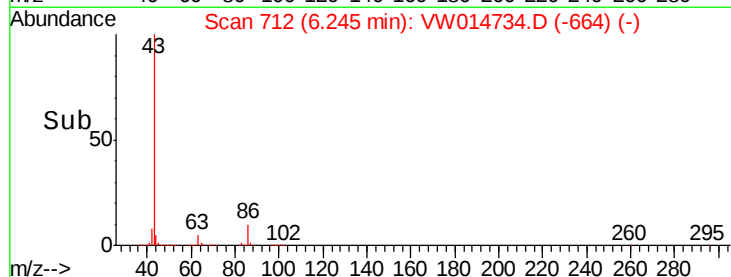
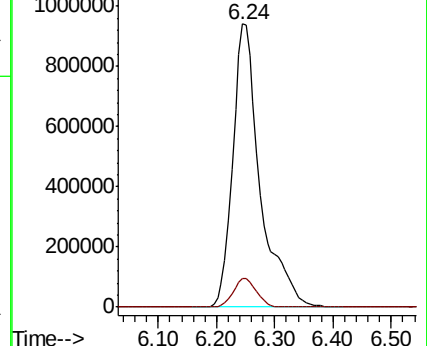
43 100

86 10.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 58.747 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

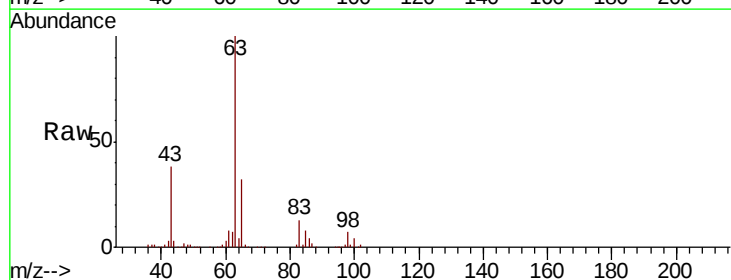
Tgt Ion: 63 Resp: 598068

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

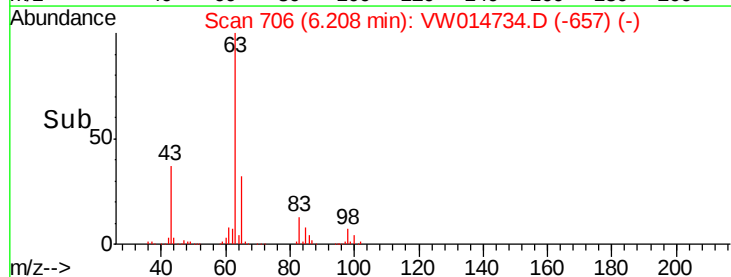
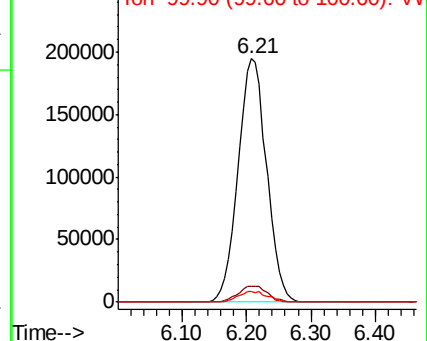
100 4.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 309.524 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

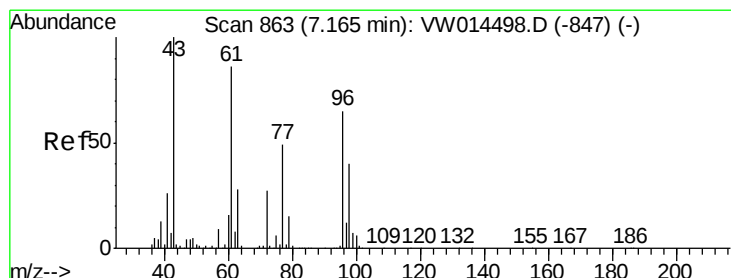
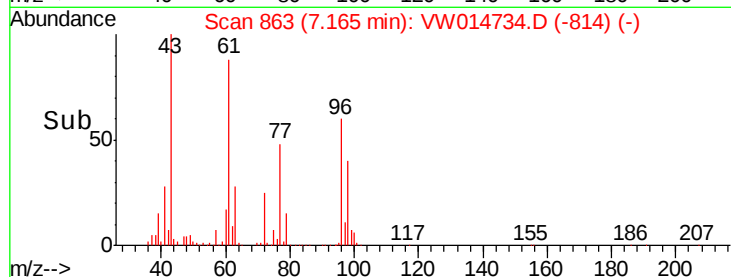
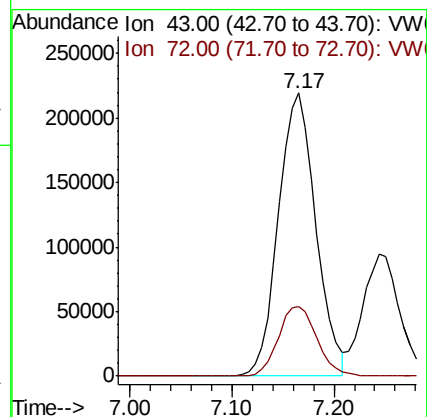
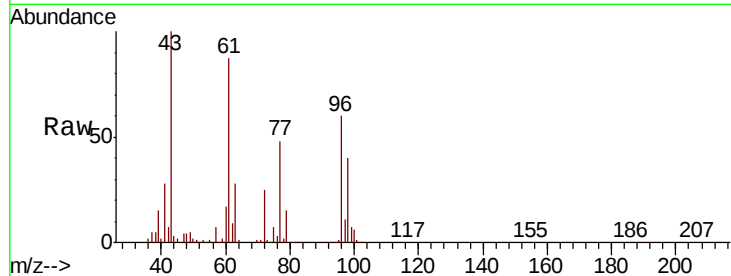
ClientSampled :

Tot Ion: 43 Resp: 556021

Ion Ratio Lower Upper

43 100

72 24.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 55.730 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014734.D

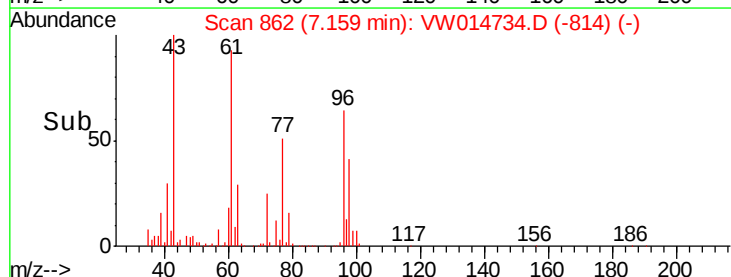
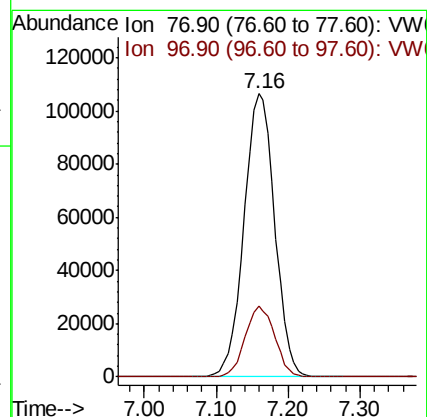
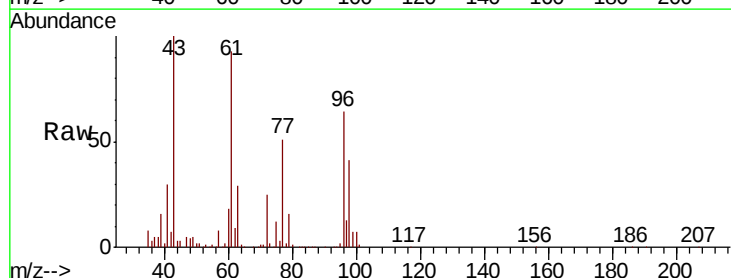
Acq: 23 Jan 2020 19:40

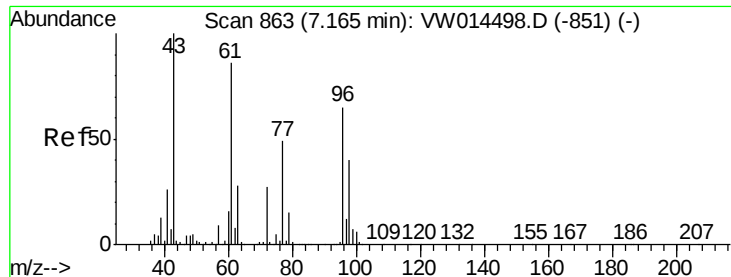
Tgt Ion: 77 Resp: 314115

Ion Ratio Lower Upper

77 100

97 24.1 12.5 37.5



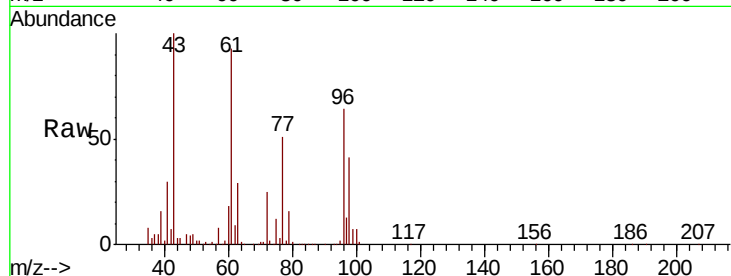


#27

cis-1,2-Dichloroethene
Concen: 55.912 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	274.8
98	64.7	0.0	128.6

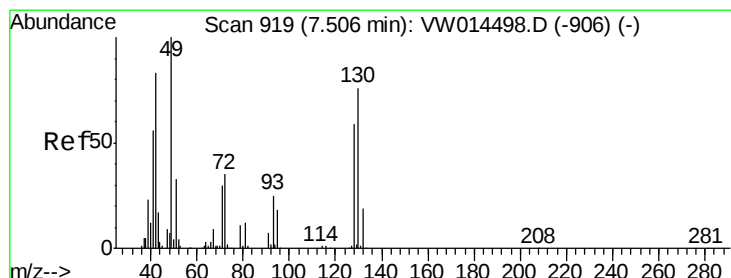
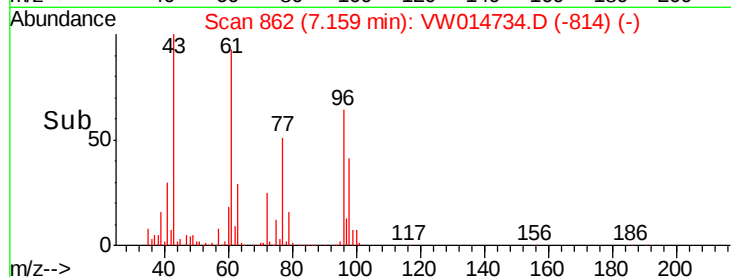
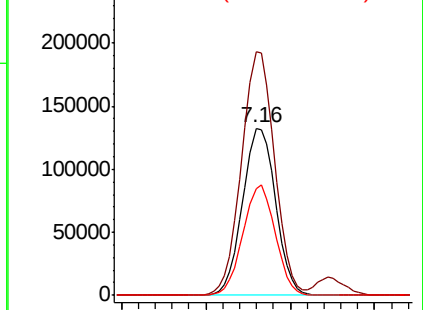


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

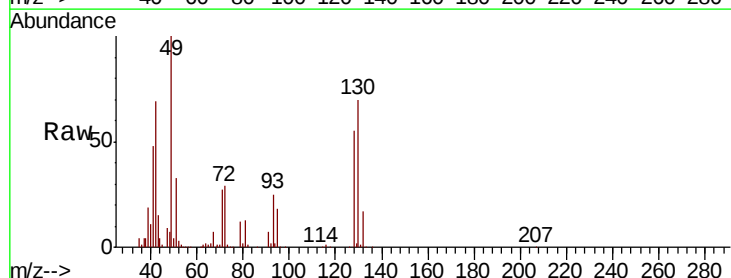
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 74.034 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.0
130	71.0	62.5	93.7

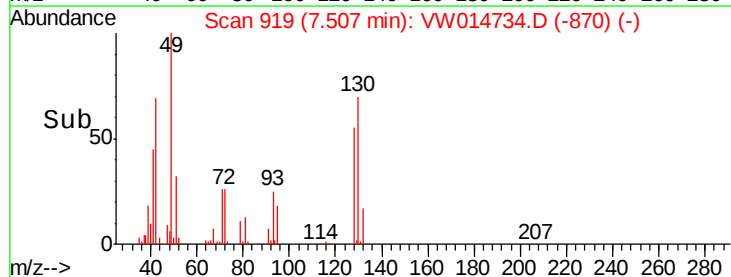
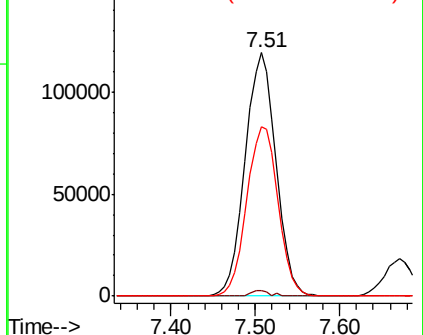


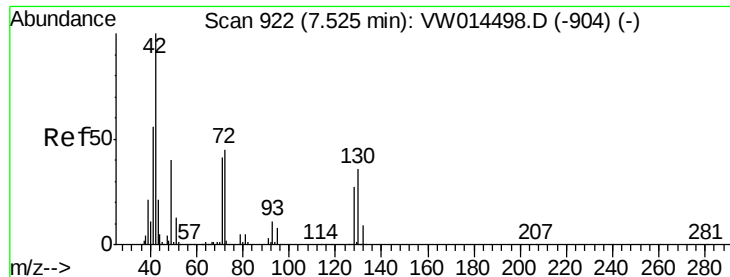
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 324.406 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampled :

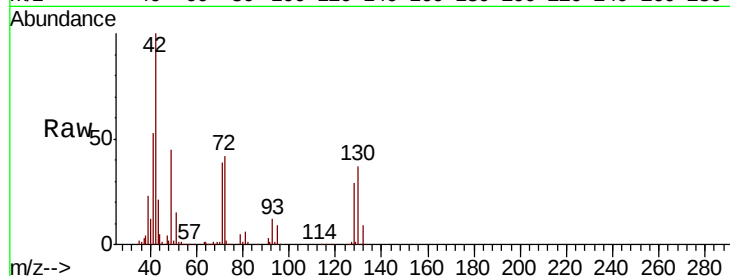
Tot Ion: 42 Resp: 361021

Ion Ratio Lower Upper

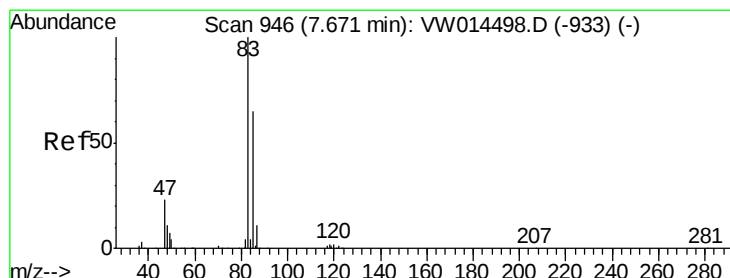
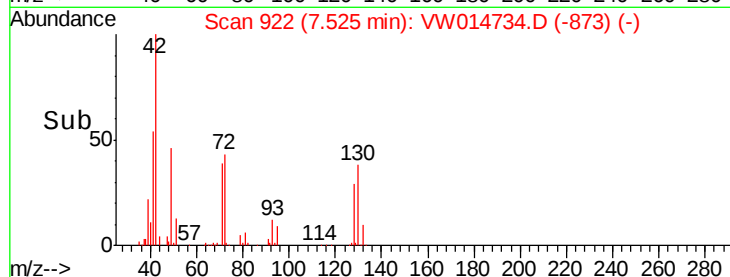
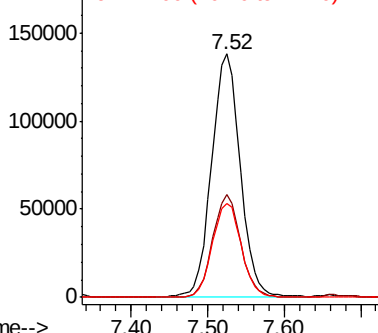
42 100

72 41.1 34.5 51.7

71 38.9 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 58.998 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW014734.D

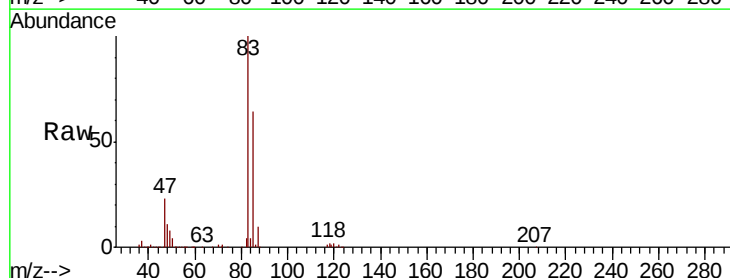
Acq: 23 Jan 2020 19:40

Tgt Ion: 83 Resp: 561662

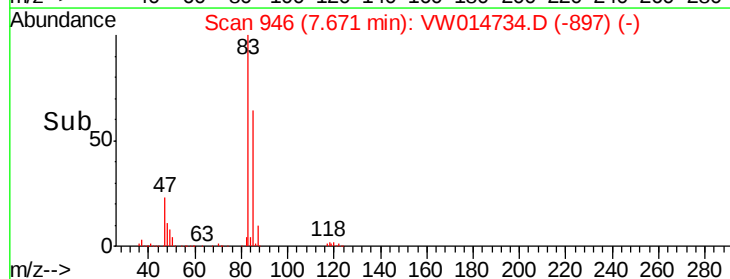
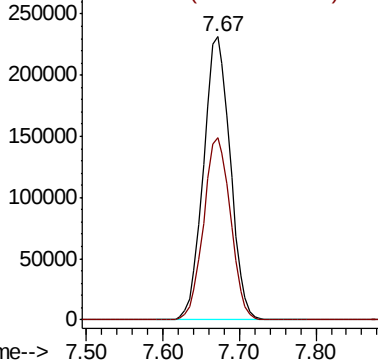
Ion Ratio Lower Upper

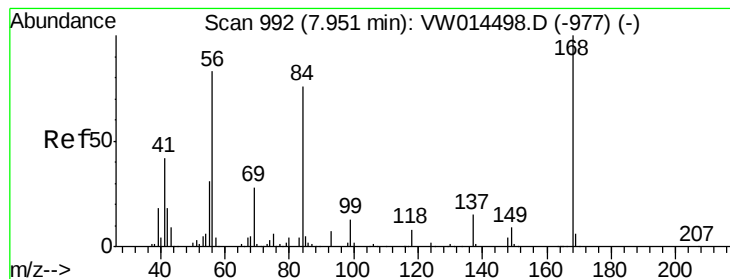
83 100

85 64.4 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 53.631 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampled :

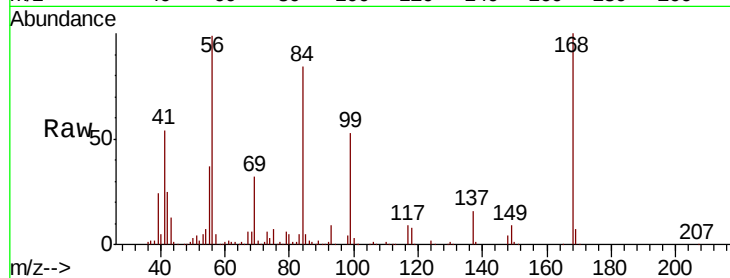
Tot Ion: 56 Resp: 567404

Ion Ratio Lower Upper

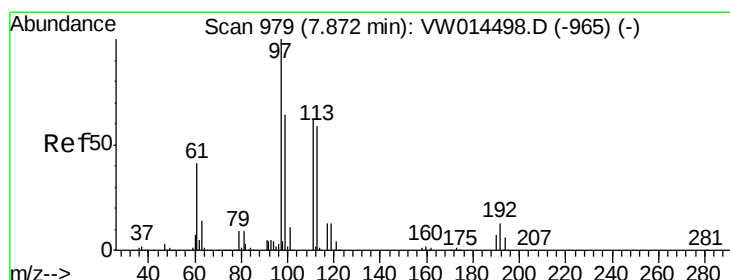
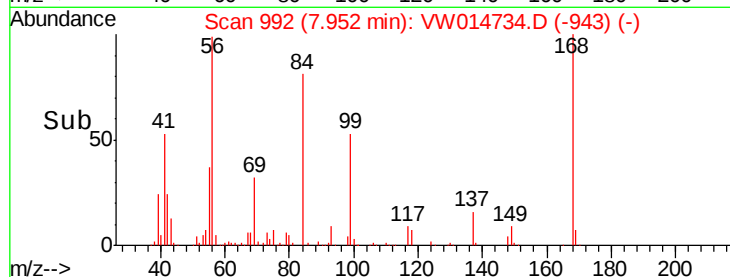
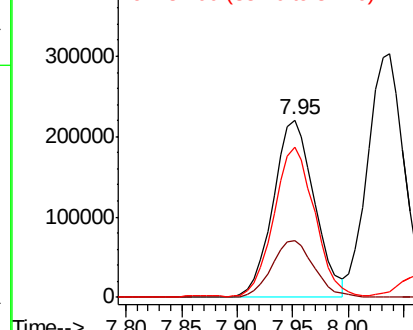
56 100

69 31.8 26.8 40.2

84 83.4 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 58.123 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

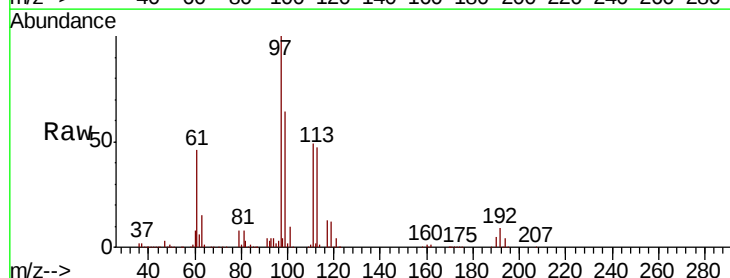
Tgt Ion: 97 Resp: 445021

Ion Ratio Lower Upper

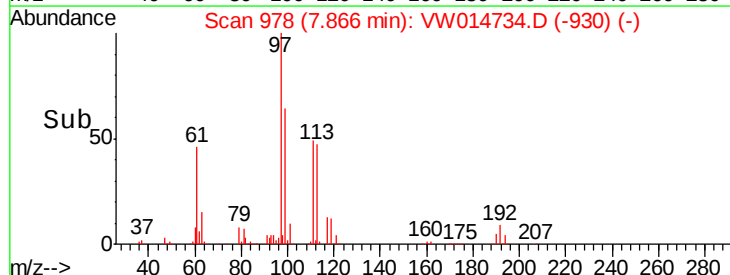
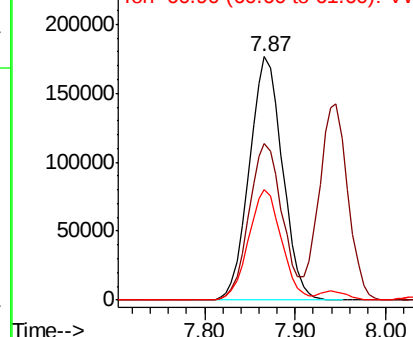
97 100

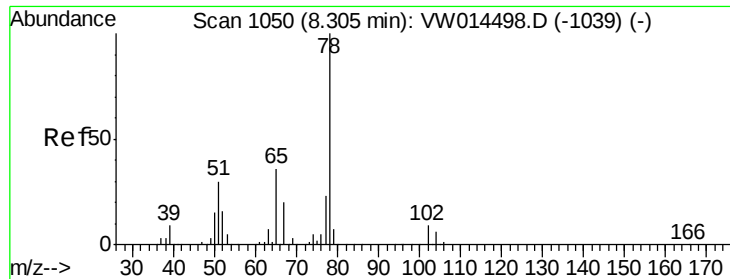
99 65.3 51.8 77.6

61 45.2 33.8 50.8



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

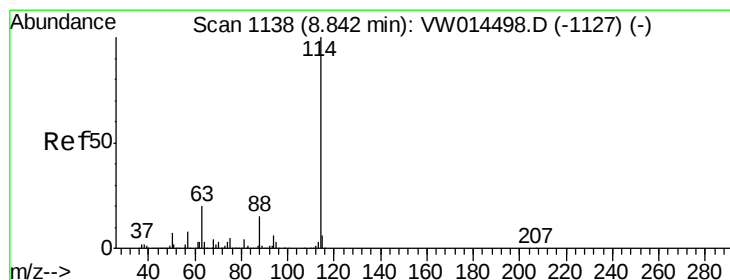
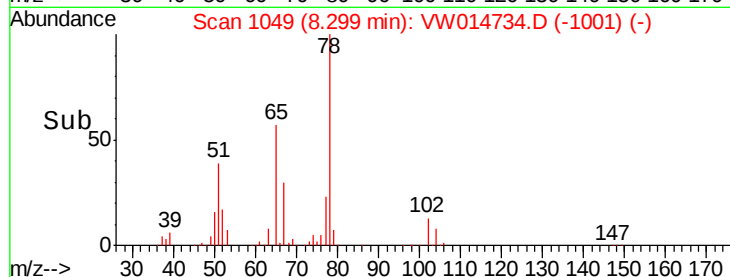
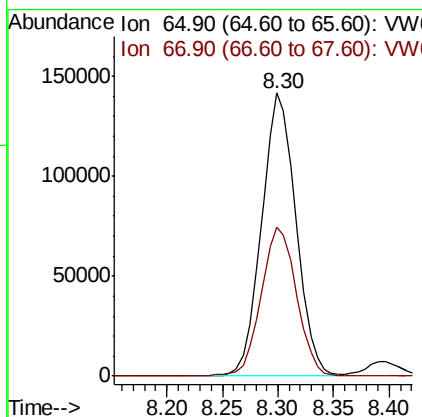
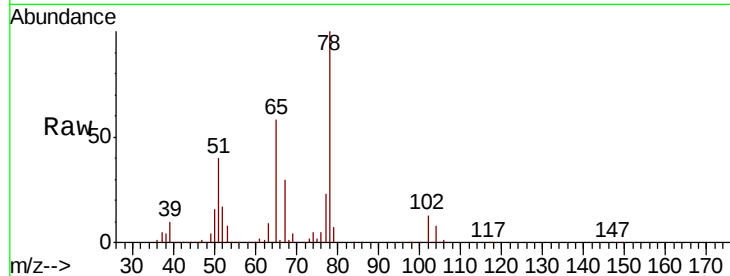




#33
 1,2-Dichloroethane-d4
 Concen: 61.357 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

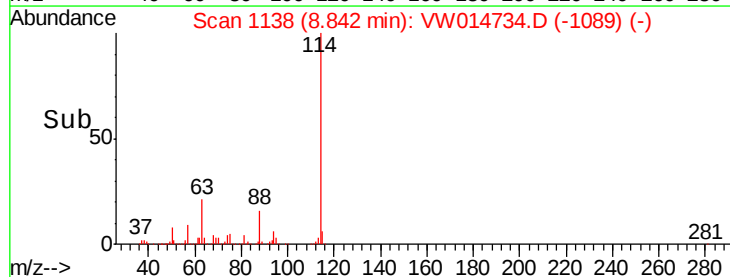
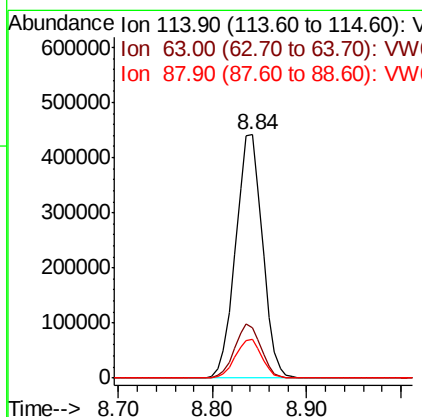
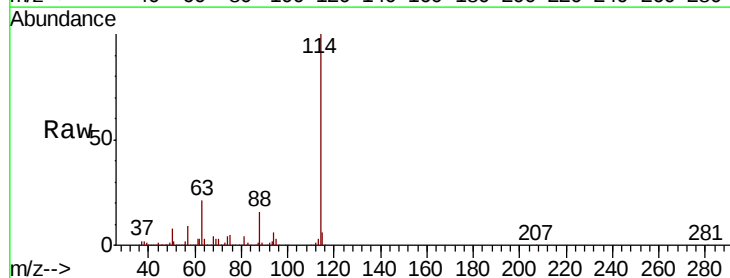
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 65 Resp: 304168
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion: 114 Resp: 875551
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.4
 88 15.8 0.0 30.6

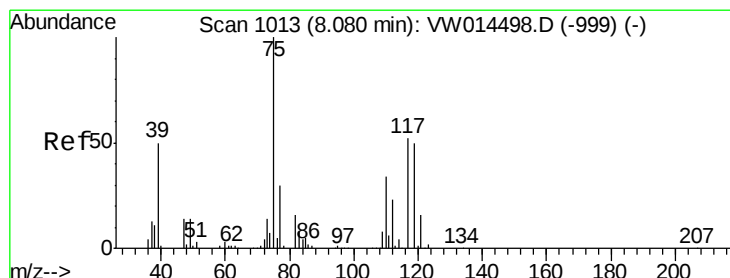
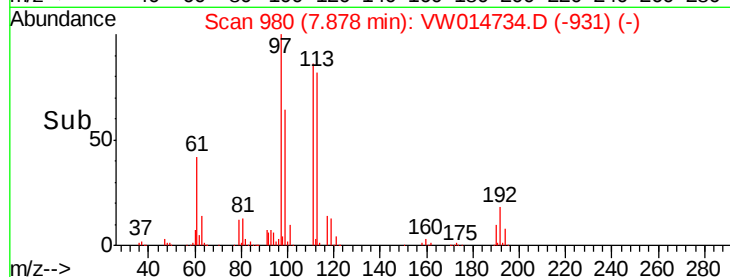
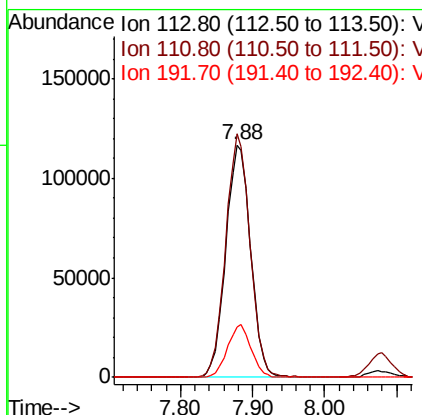
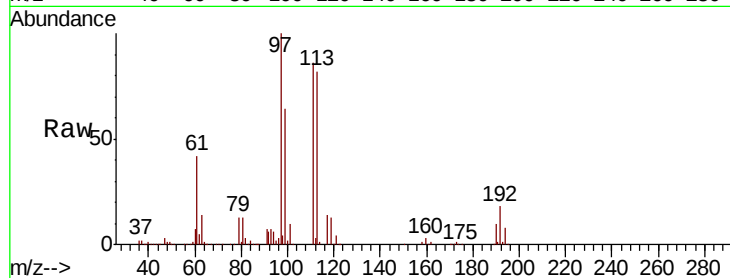




#35
 Dibromofluoromethane
 Concen: 56.017 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

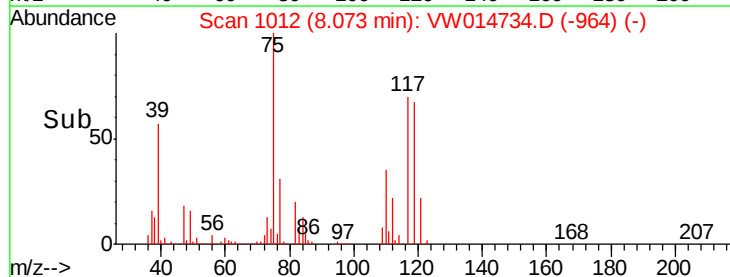
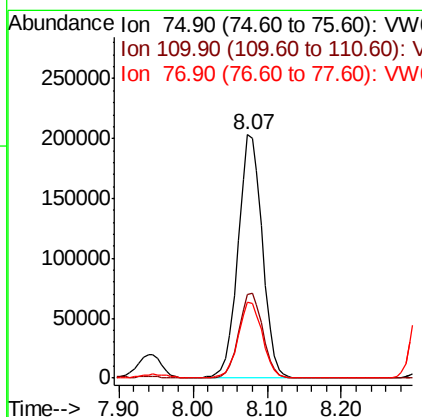
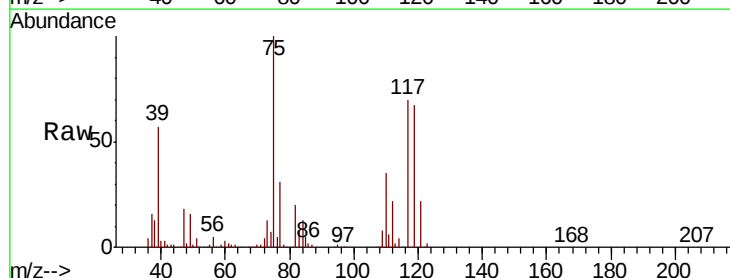
Instrument :
 MSVOA_W
 ClientSampleId :

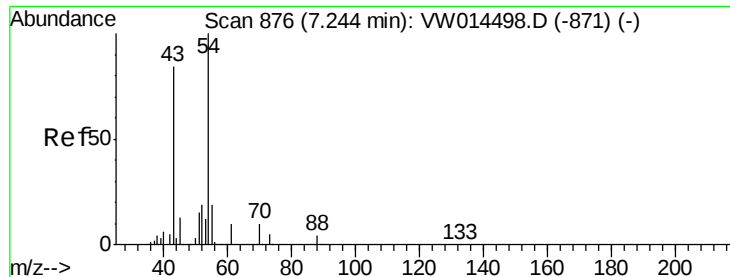
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.2
192	21.7	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 55.023 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.8	53.5
77	31.2	24.7	37.1

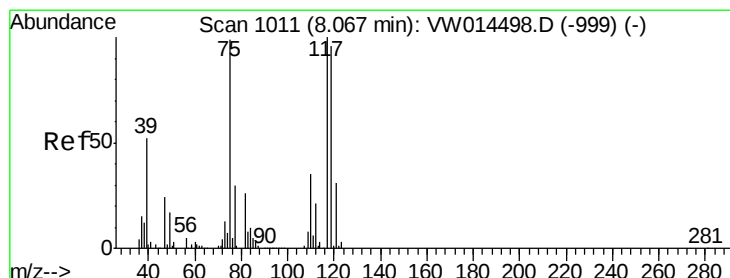
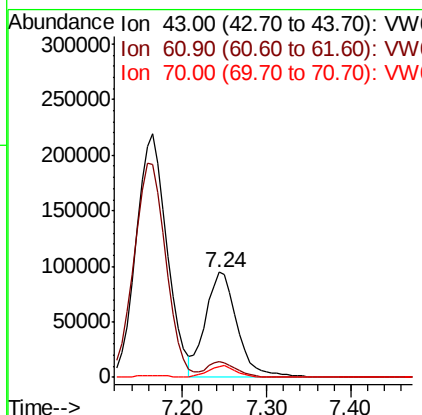
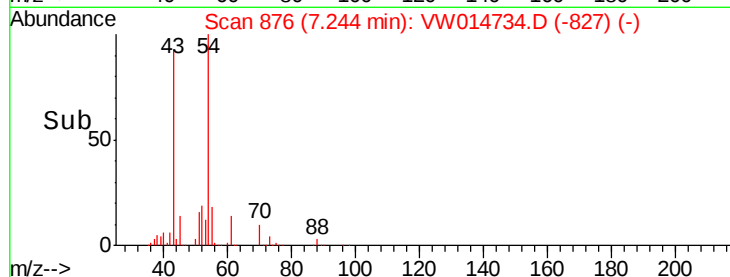
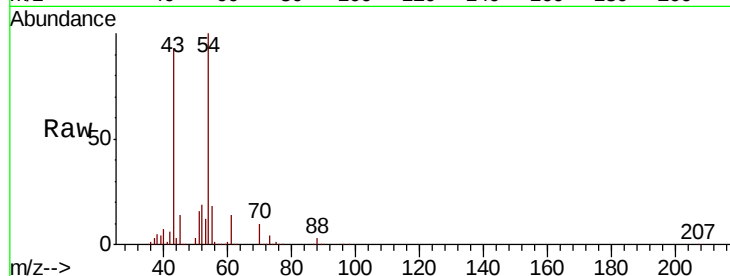




#37
Ethyl Acetate
Concen: 64.151 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

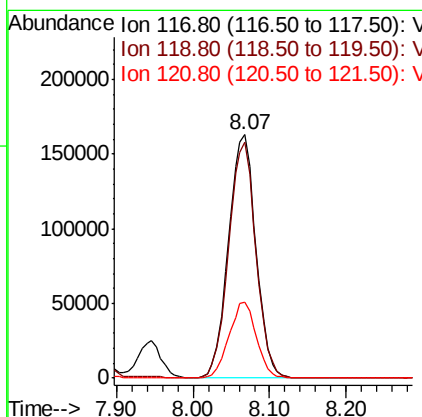
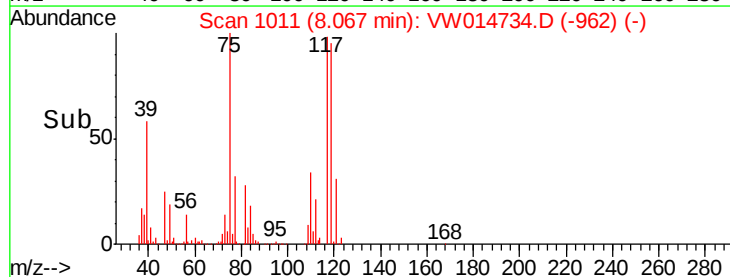
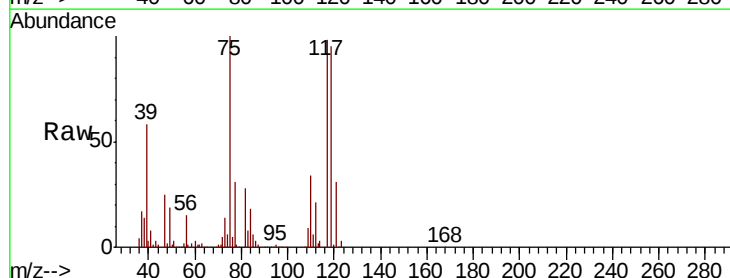
Instrument :
MSVOA_W
ClientSampled :

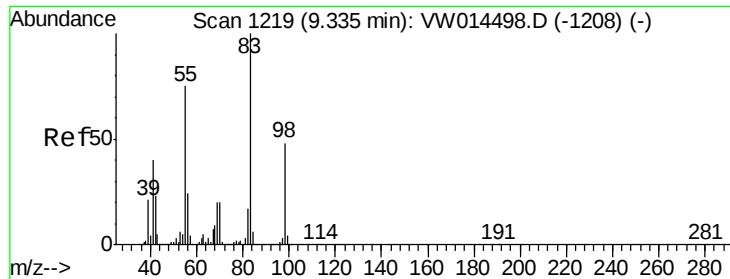
Tot Ion: 43 Resp: 245581
Ion Ratio Lower Upper
43 100
61 13.6 11.7 17.5
70 9.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 55.175 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 117 Resp: 404033
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6
121 31.3 24.6 36.8

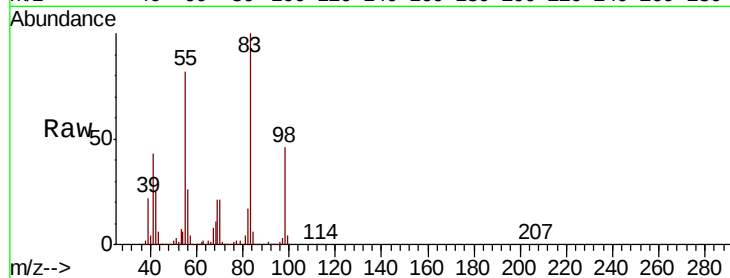




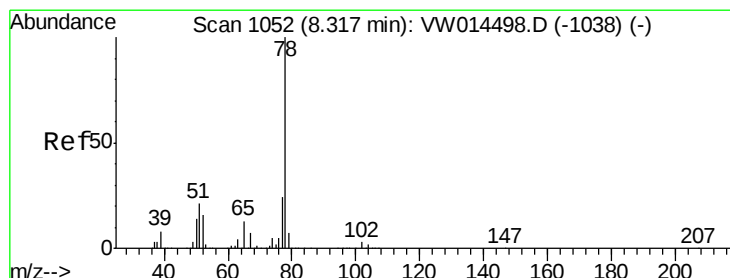
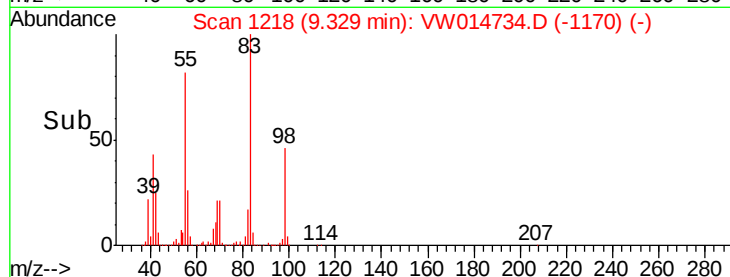
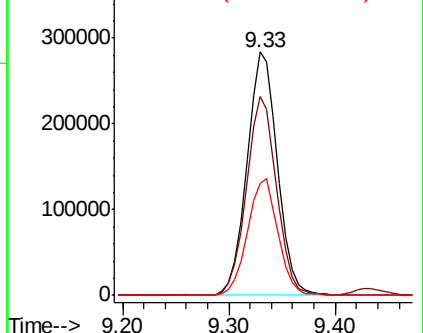
#39
Methvlcvclohexane
Concen: 52.641 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 570206
Ion Ratio Lower Upper
83 100
55 81.7 60.1 90.1
98 46.1 38.8 58.2

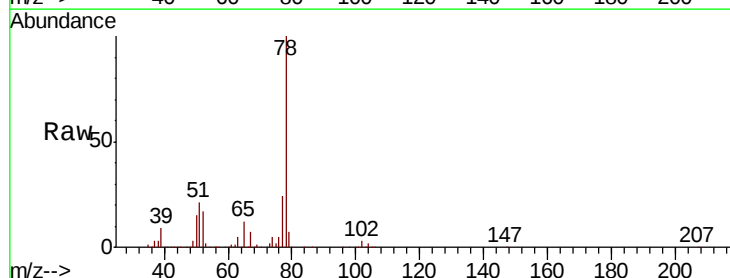


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

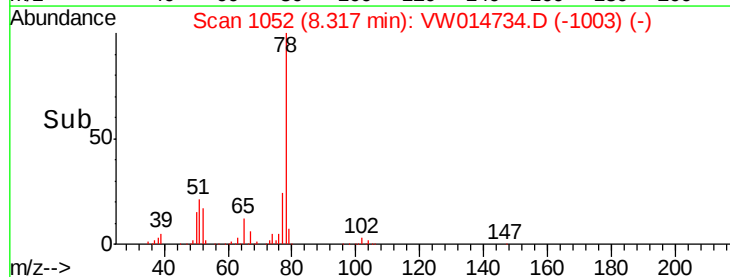
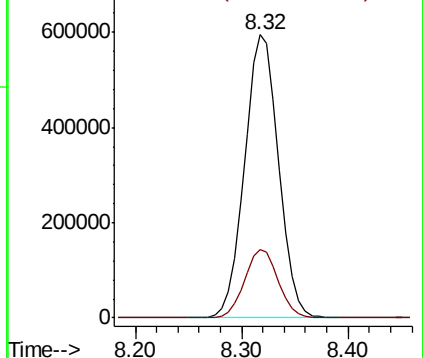


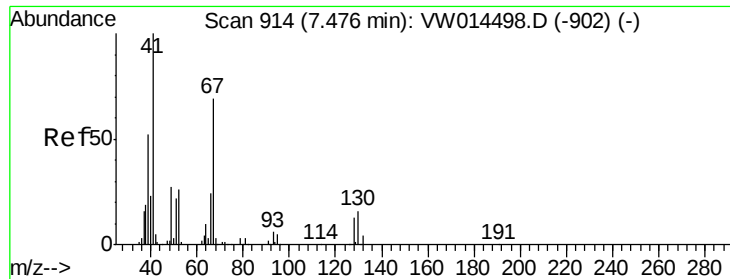
#40
Benzene
Concen: 55.786 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 78 Resp: 1332256
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



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

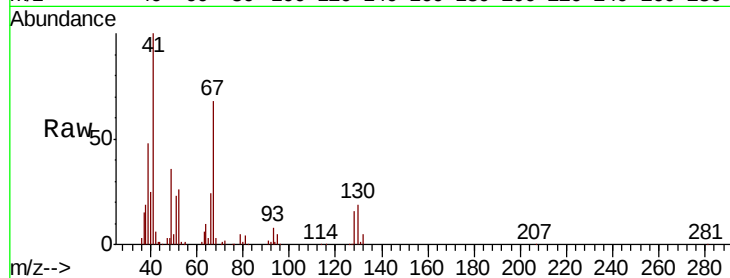




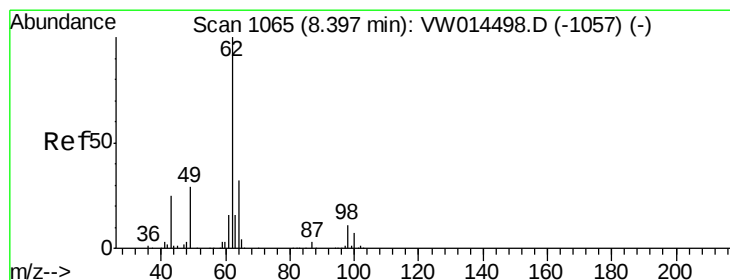
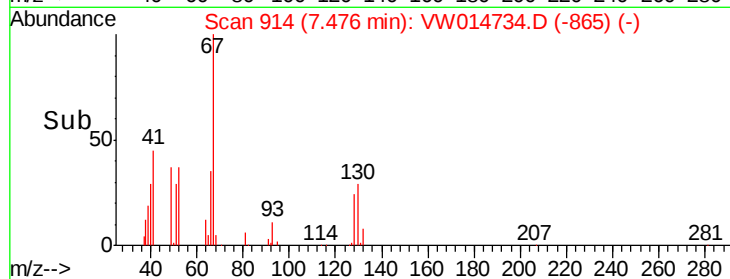
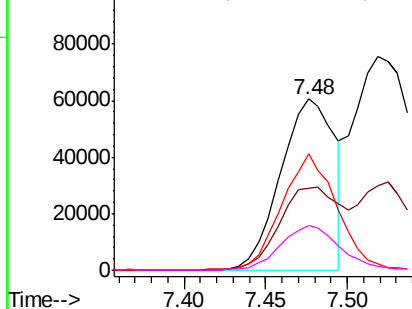
#41
Methacrylonitrile
Concen: 65.015 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	138737
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.0	69.0
67	70.5	60.8	91.2
52	28.4	23.7	35.5

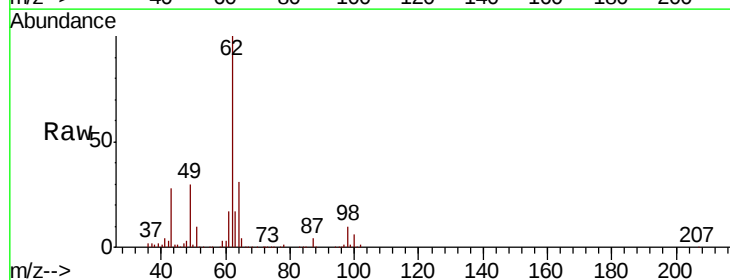


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

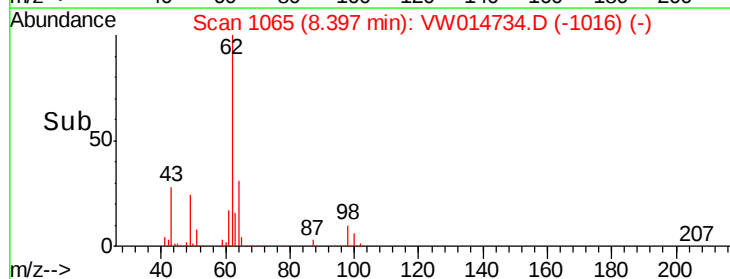
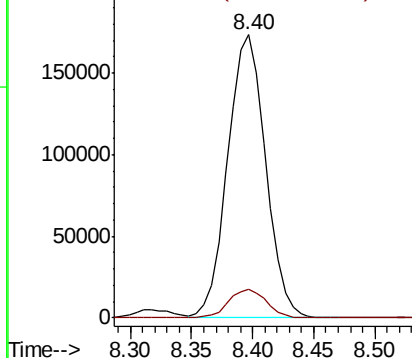


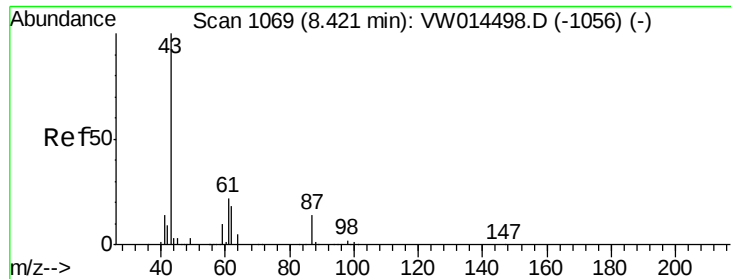
#42
1,2-Dichloroethane
Concen: 60.020 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion:	62	Resp:	371973
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	22.0



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





#43

Isopropyl Acetate

Concen: 62.428 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampled :

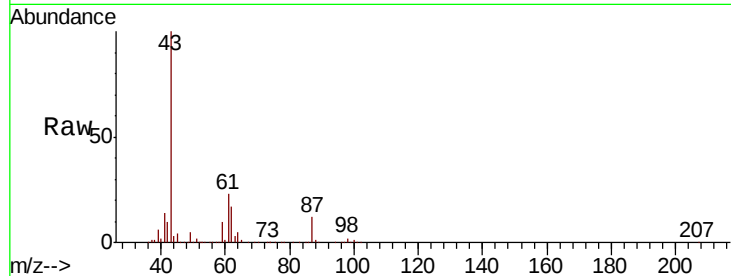
Tot Ion: 43 Resp: 433968

Ion Ratio Lower Upper

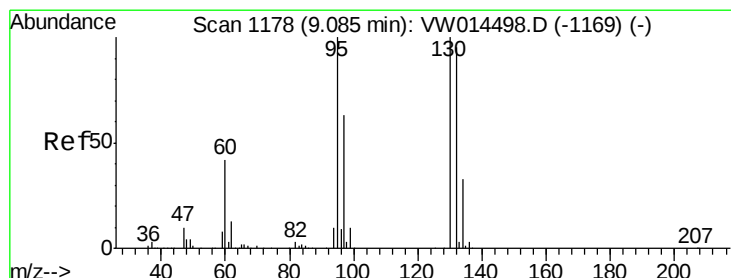
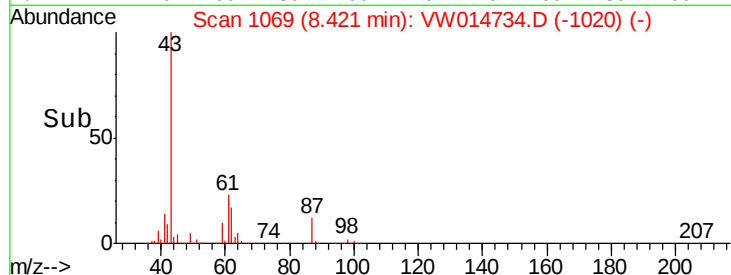
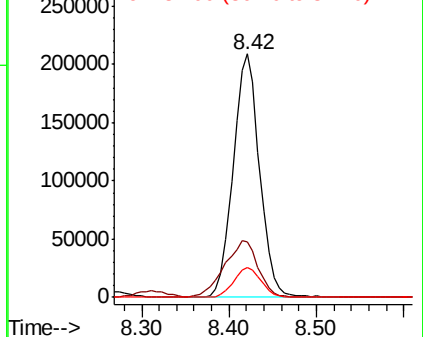
43 100

61 29.9 24.7 37.1

87 12.7 11.1 16.7



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



#44

Trichloroethene

Concen: 52.807 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014734.D

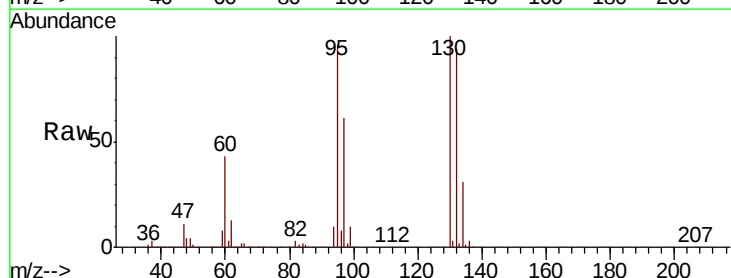
Acq: 23 Jan 2020 19:40

Tgt Ion: 130 Resp: 341253

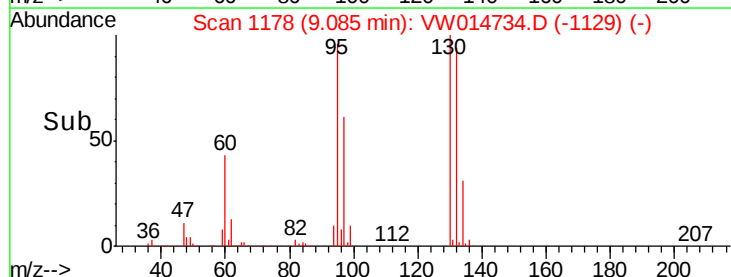
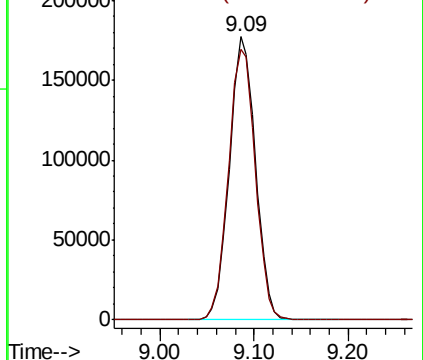
Ion Ratio Lower Upper

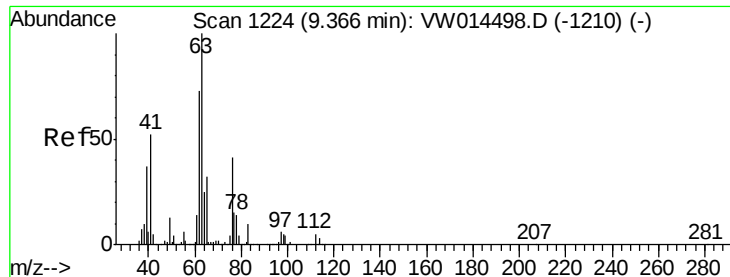
130 100

95 95.6 0.0 199.4



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

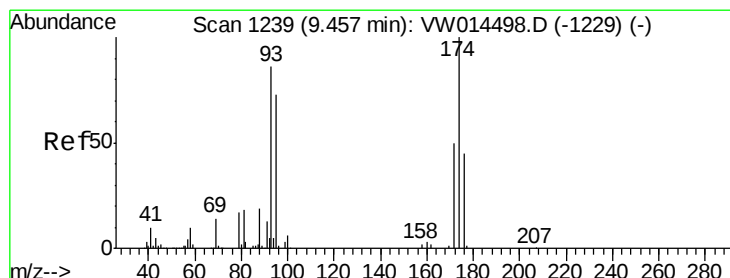
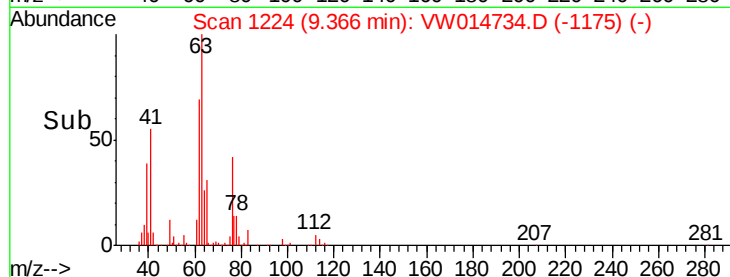
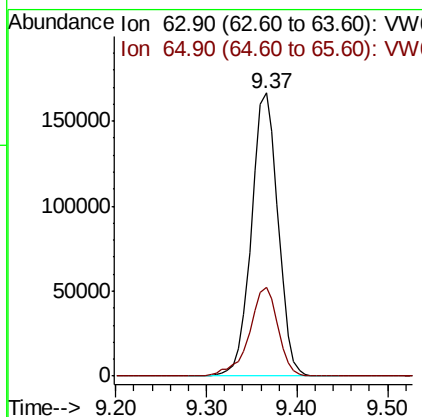
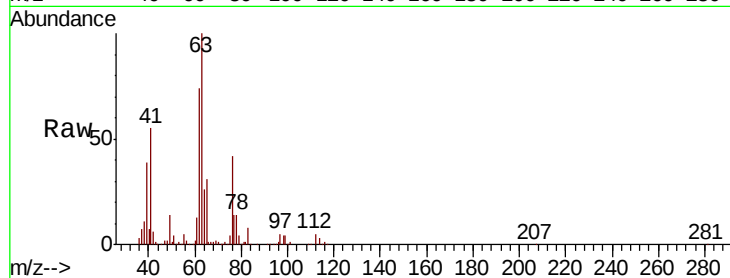




#45
 1,2-Dichloropropane
 Concen: 57.731 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

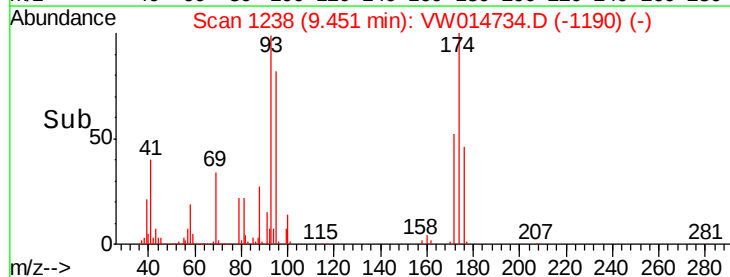
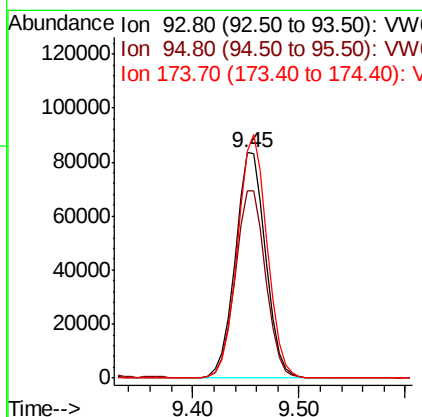
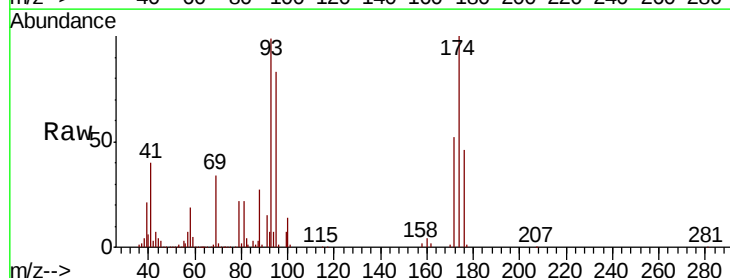
Instrument :
 MSVOA_W
 ClientSampled :

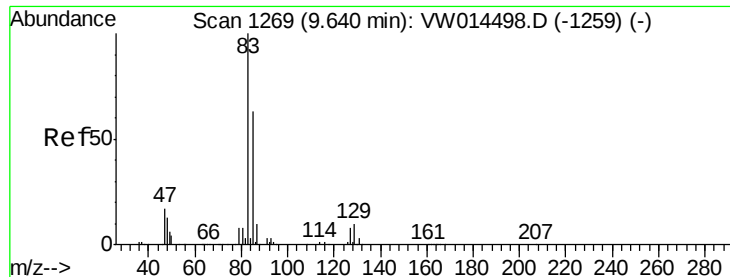
Tot Ion: 63 Resp: 338326
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.6 38.4



#46
 Dibromomethane
 Concen: 57.742 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion: 93 Resp: 167053
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 105.2 89.1 133.7

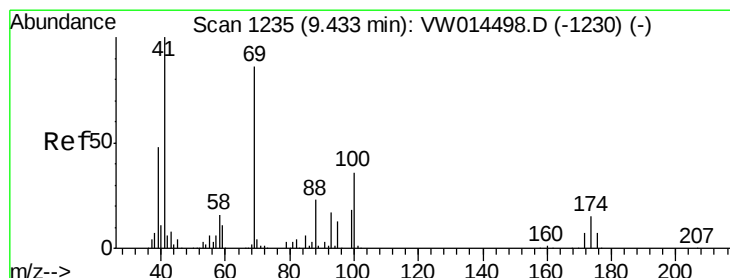
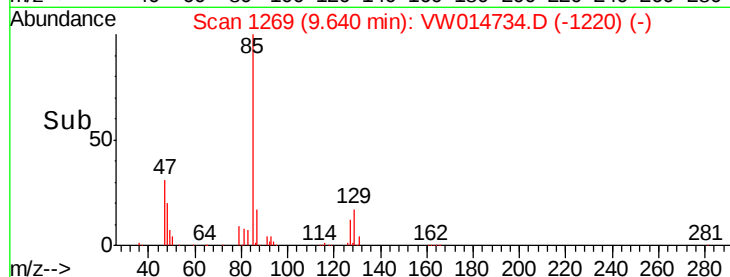
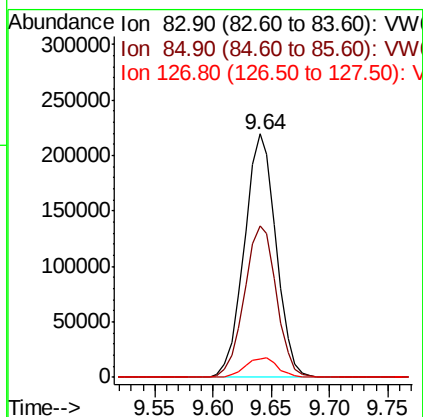
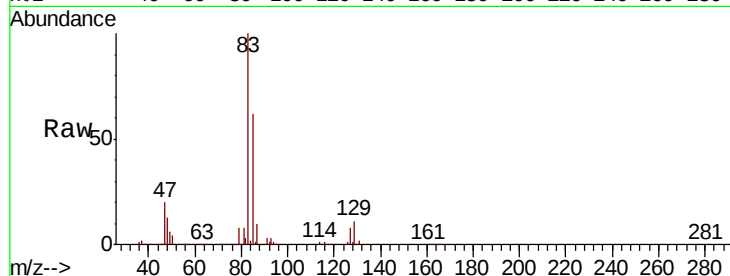




#47
Bromodichloromethane
Concen: 58.201 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

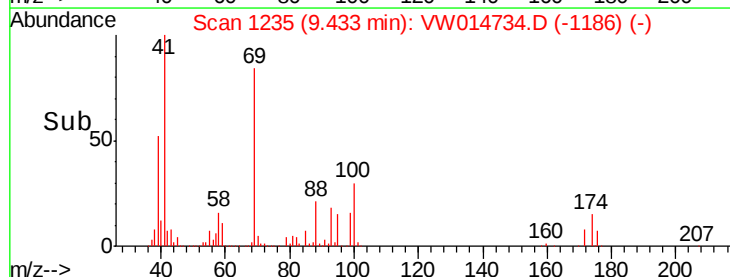
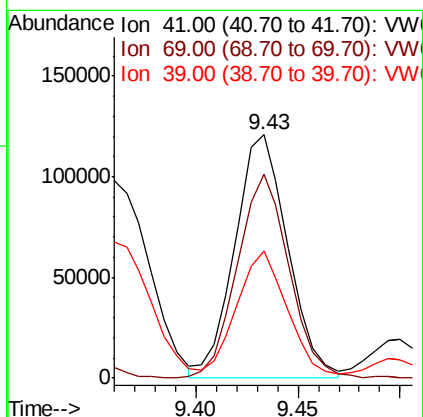
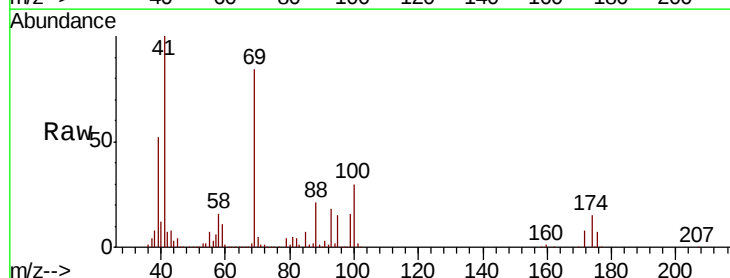
Instrument :
MSVOA_W
ClientSampled :

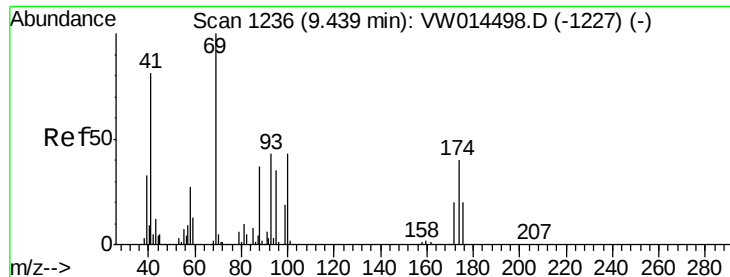
Tot Ion: 83 Resp: 415705
Ion Ratio Lower Upper
83 100
85 62.1 50.6 76.0
127 7.7 6.6 9.8



#48
Methyl methacrylate
Concen: 63.876 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 41 Resp: 216795
Ion Ratio Lower Upper
41 100
69 82.0 68.3 102.5
39 46.9 36.8 55.2





#49

1,4-Dioxane

Concen: 1148.556 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampled :

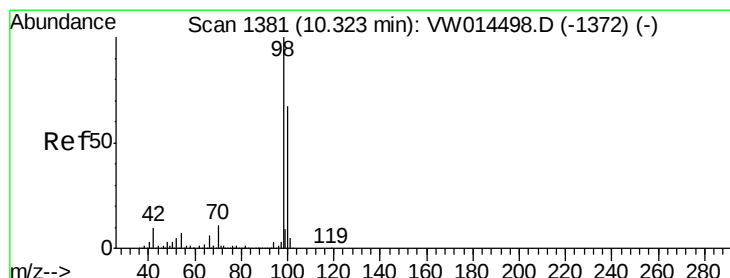
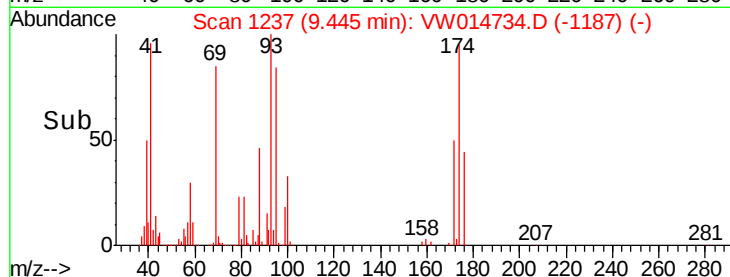
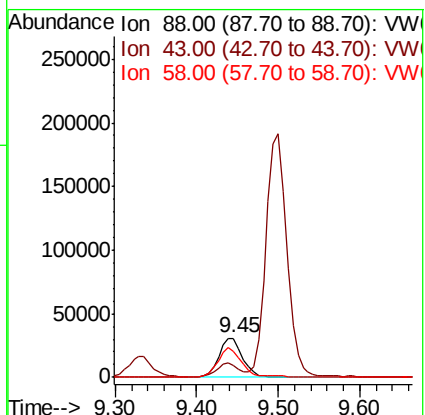
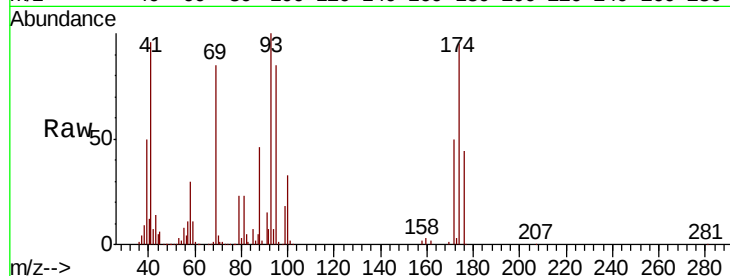
Tot Ion: 88 Resp: 62149

Ion Ratio Lower Upper

88 100

43 34.0 24.9 37.3

58 74.7 56.9 85.3



#50

Toluene-d8

Concen: 54.359 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014734.D

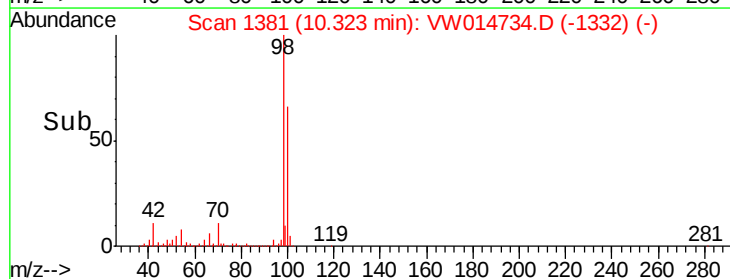
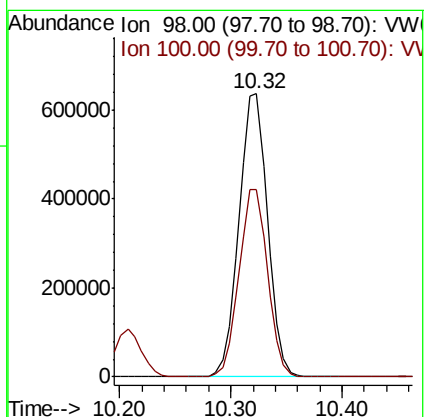
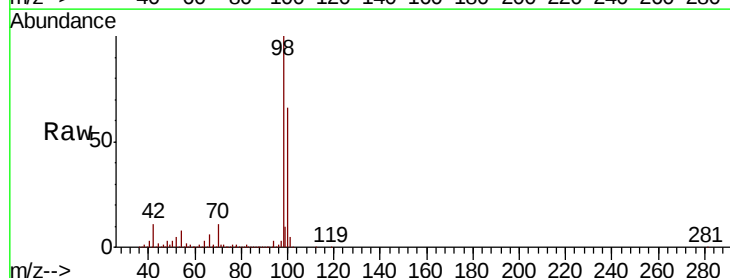
Acq: 23 Jan 2020 19:40

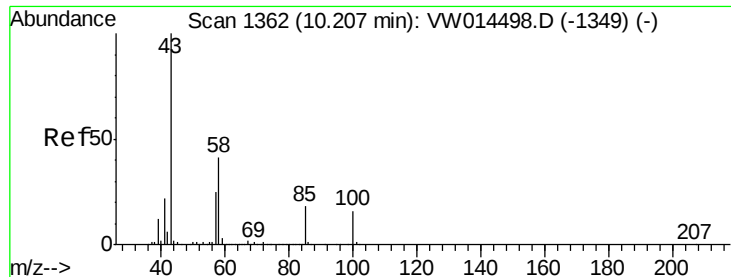
Tgt Ion: 98 Resp: 1135150

Ion Ratio Lower Upper

98 100

100 66.3 53.8 80.6

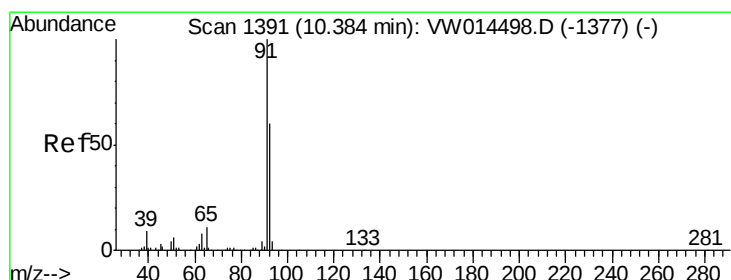
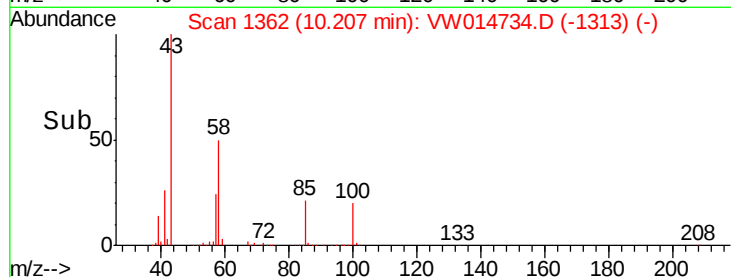
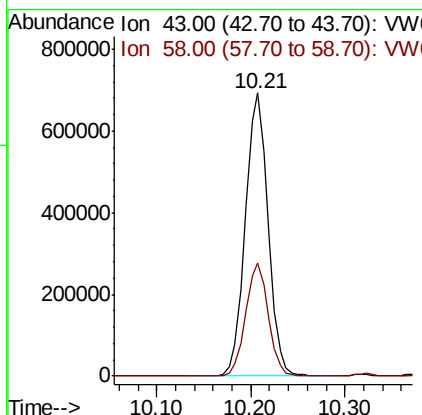
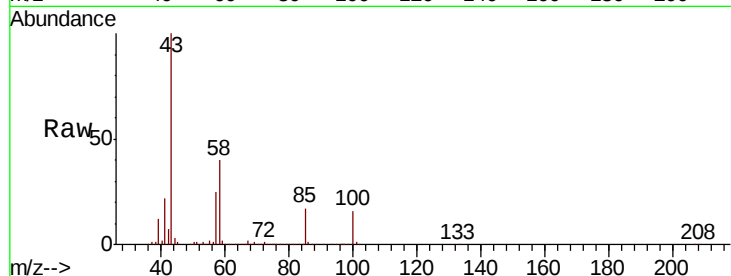




#51
4-Methyl-2-Pentanone
Concen: 324.919 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

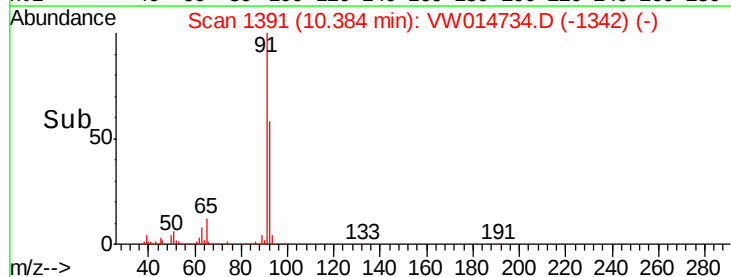
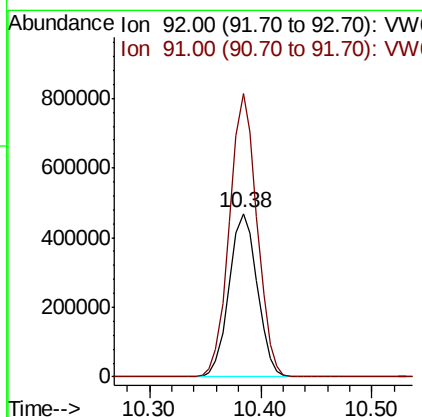
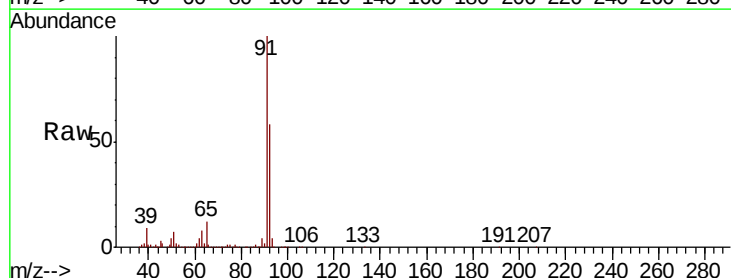
Instrument :
MSVOA_W
ClientSampleId :

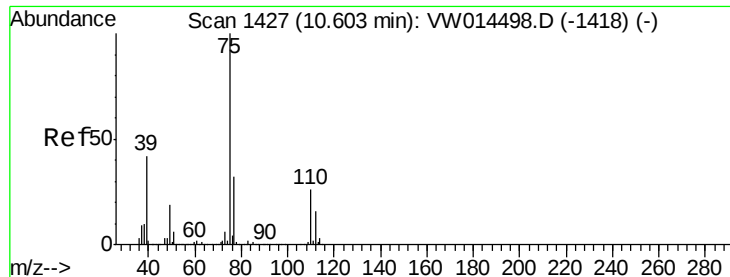
Tot Ion: 43 Resp: 1172927
Ion Ratio Lower Upper
43 100
58 39.7 32.7 49.1



#52
Toluene
Concen: 54.621 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 92 Resp: 820648
Ion Ratio Lower Upper
92 100
91 169.7 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 58.054 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

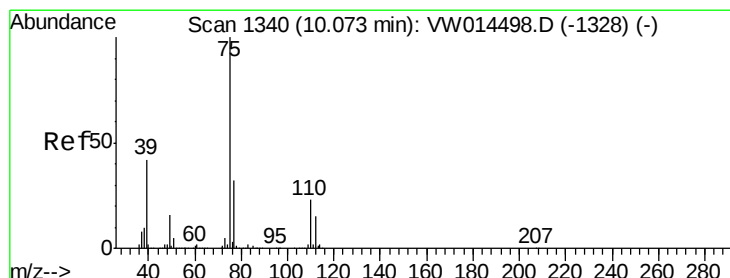
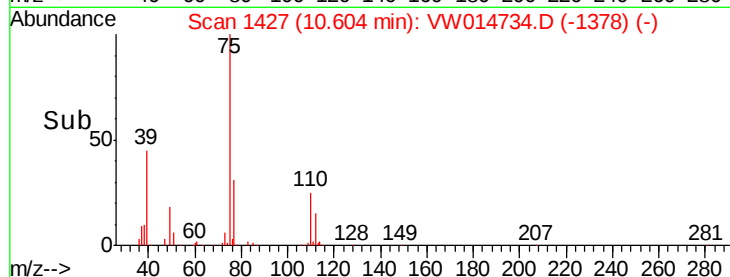
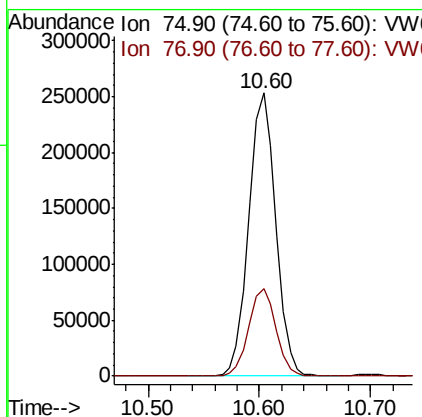
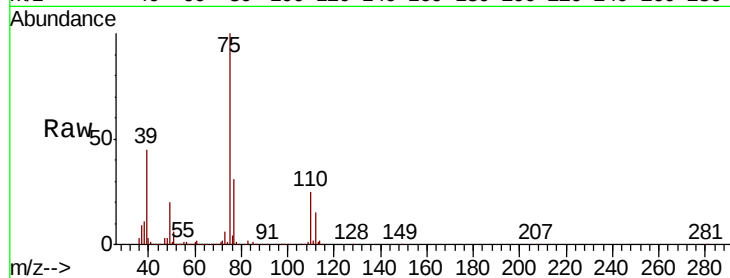
ClientSampleId :

Tot Ion: 75 Resp: 429334

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 56.059 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

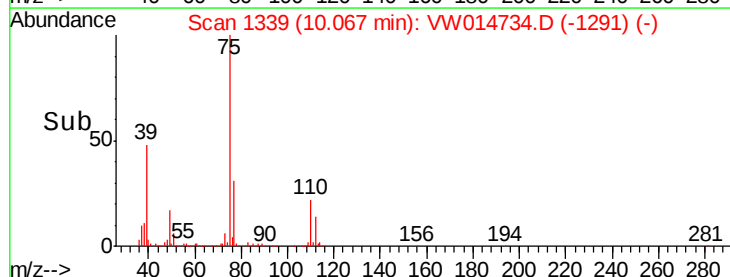
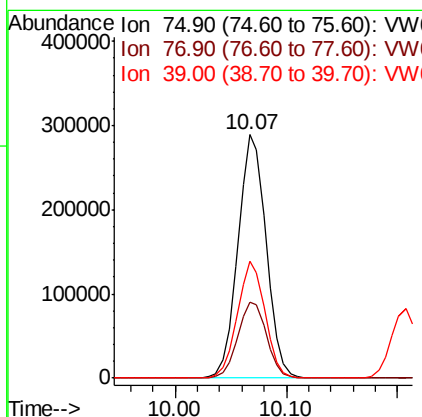
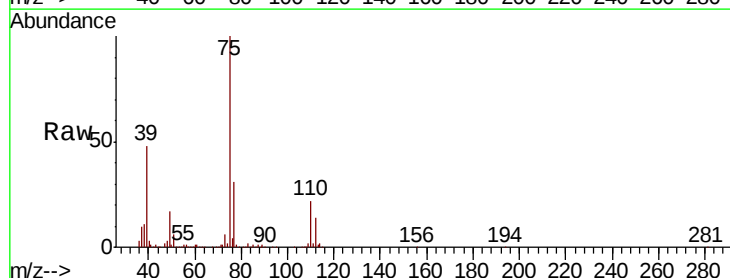
Tgt Ion: 75 Resp: 506684

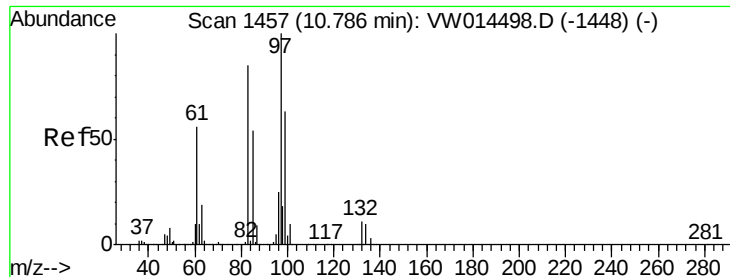
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 48.0 33.4 50.2

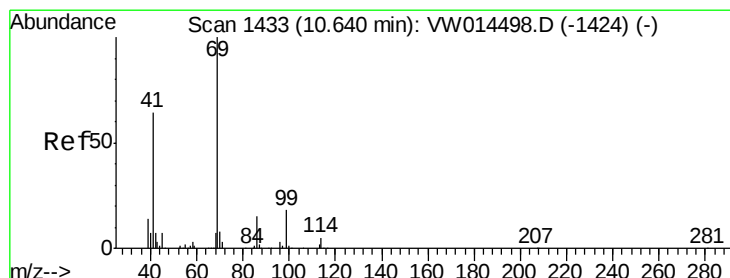
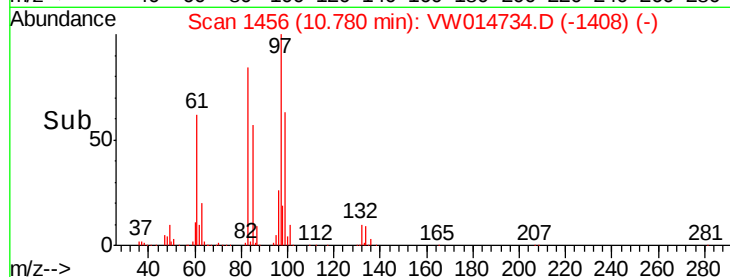
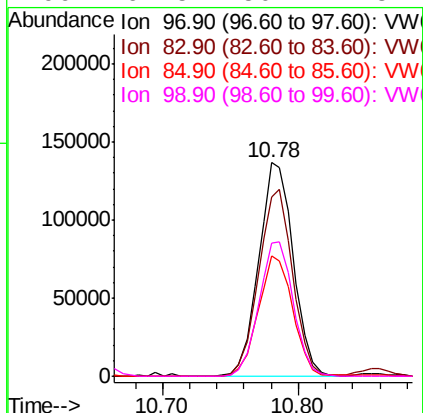
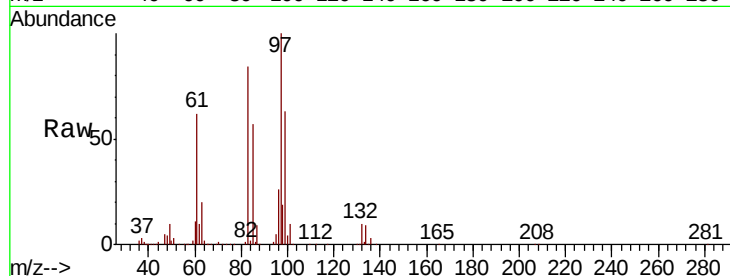




#55
 1,1,2-Trichloroethane
 Concen: 57.528 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

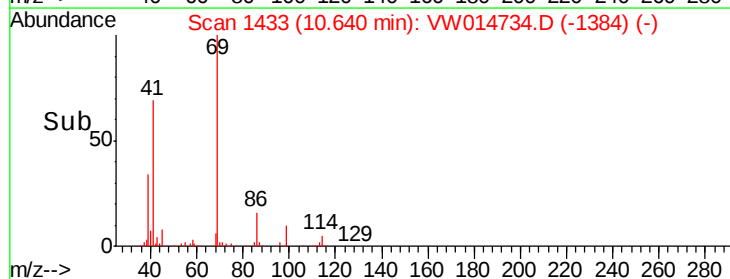
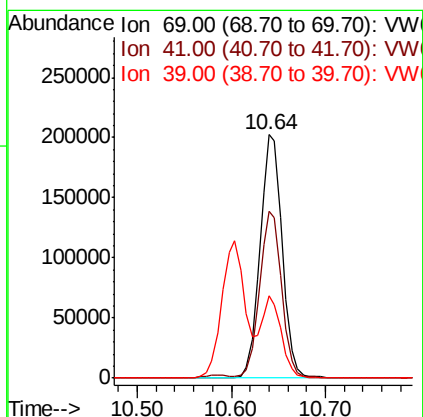
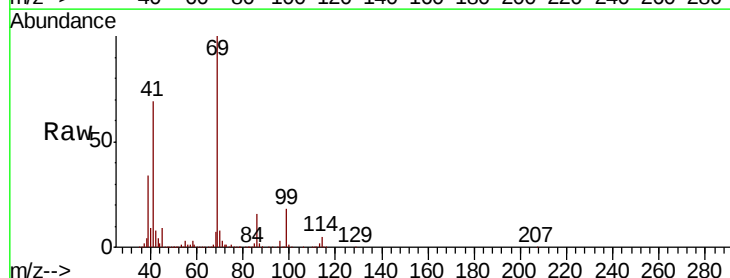
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	243070
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.4
85	56.6	43.0	64.4
99	62.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 61.103 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion:	69	Resp:	335525
Ion	Ratio	Lower	Upper
69	100		
41	68.0	51.3	76.9
39	31.6	21.0	31.6#





#57

1,3-Dichloropropane

Concen: 57.812 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

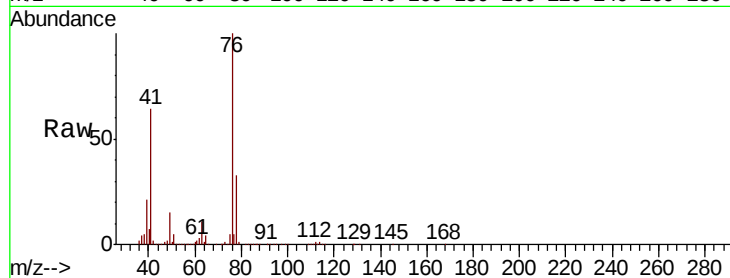
ClientSampled :

Tot Ion: 76 Resp: 429317

Ion Ratio Lower Upper

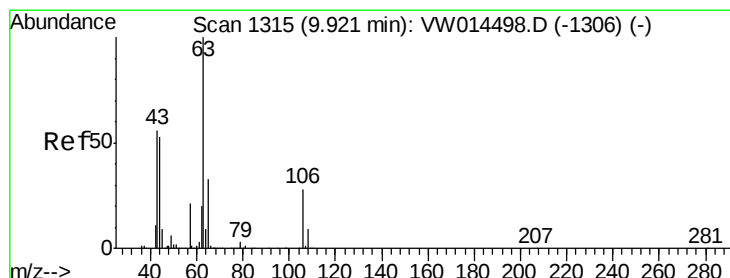
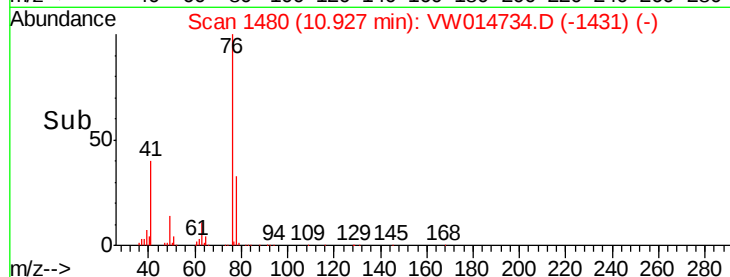
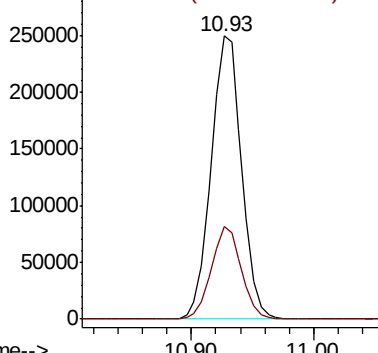
76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 372.962 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW014734.D

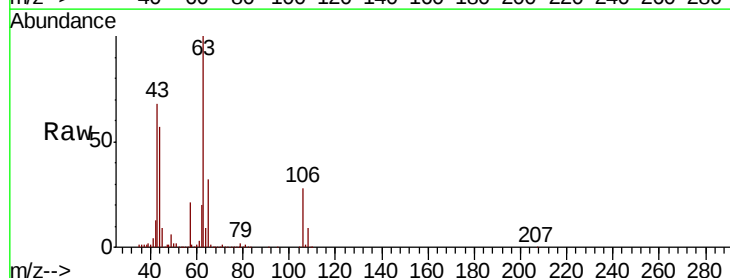
Acq: 23 Jan 2020 19:40

Tgt Ion: 63 Resp: 622862

Ion Ratio Lower Upper

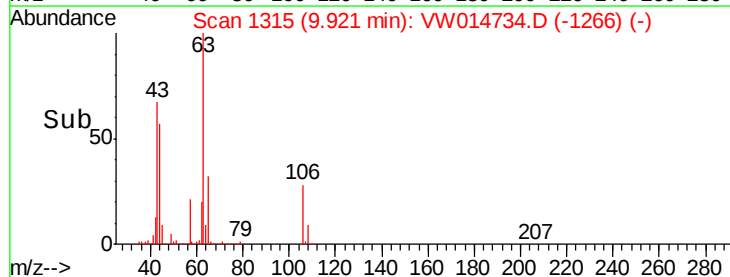
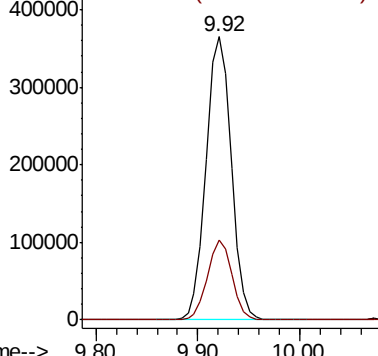
63 100

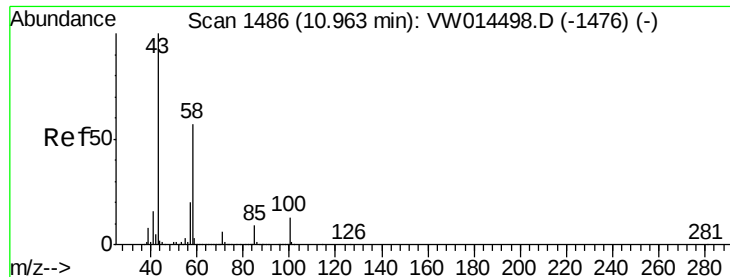
106 27.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

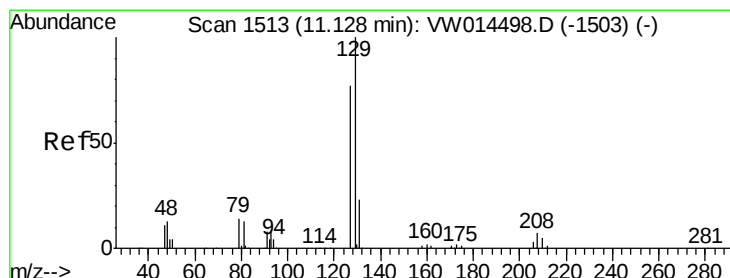
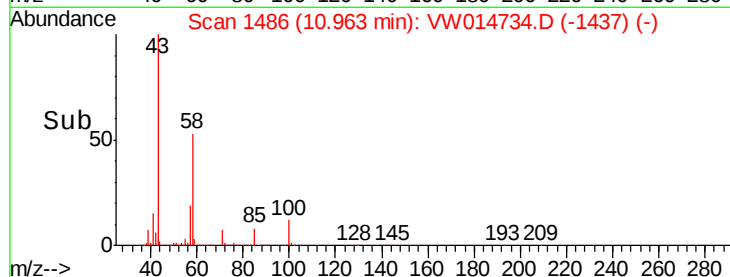
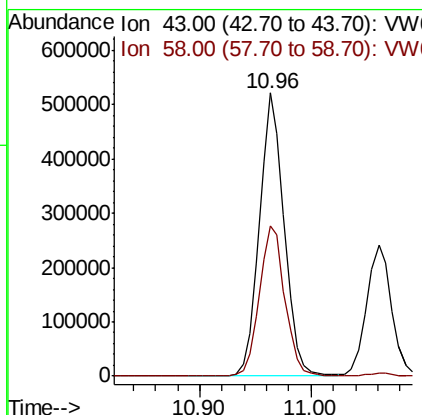
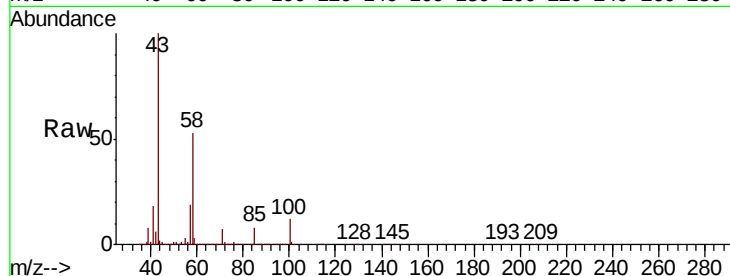




#59
2-Hexanone
Concen: 326.041 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

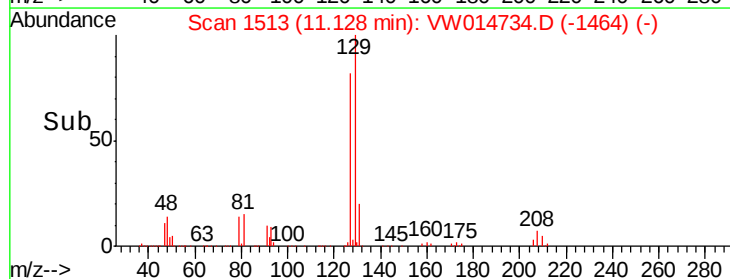
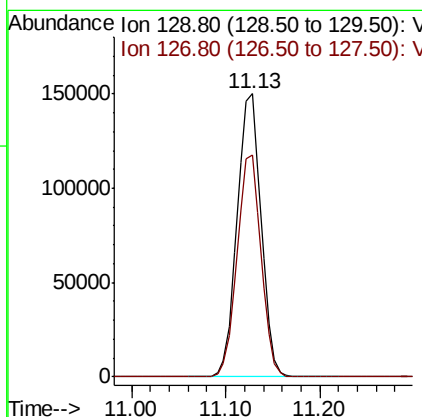
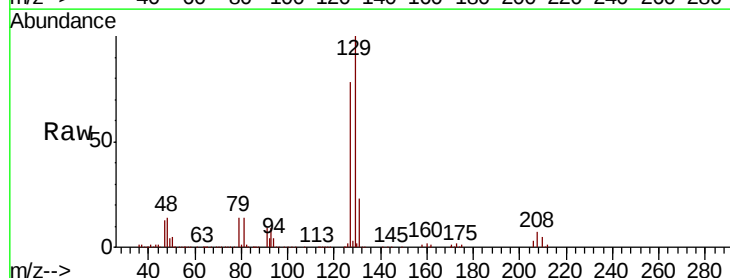
Instrument :
MSVOA_W
ClientSampled :

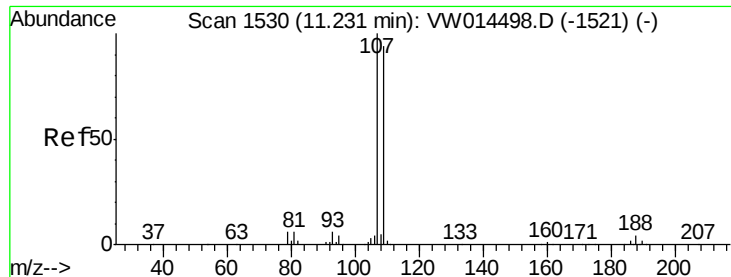
Tot Ion: 43 Resp: 811043
Ion Ratio Lower Upper
43 100
58 54.6 28.7 86.3



#60
Dibromochloromethane
Concen: 55.961 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 129 Resp: 266788
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5

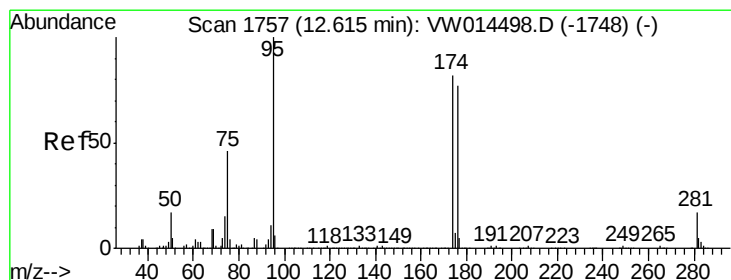
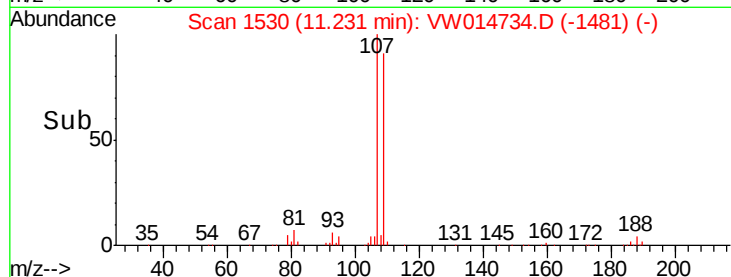
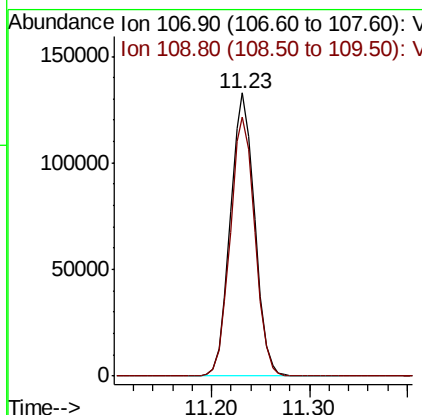
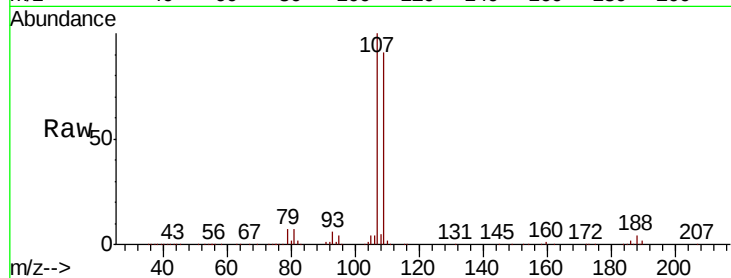




#61
1,2-Dibromoethane
Concen: 56.941 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

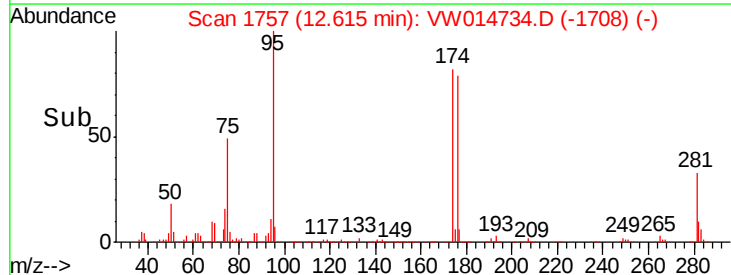
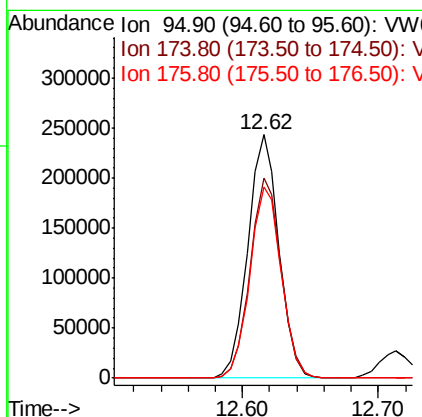
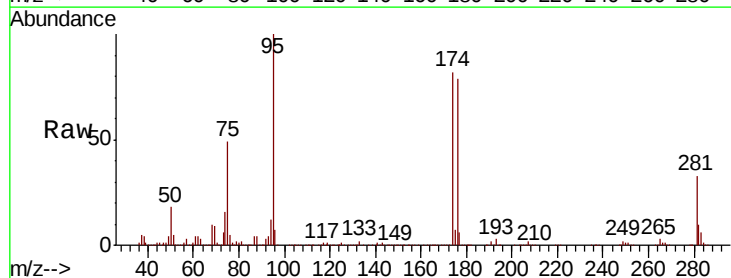
Instrument :
MSVOA_W
ClientSampled :

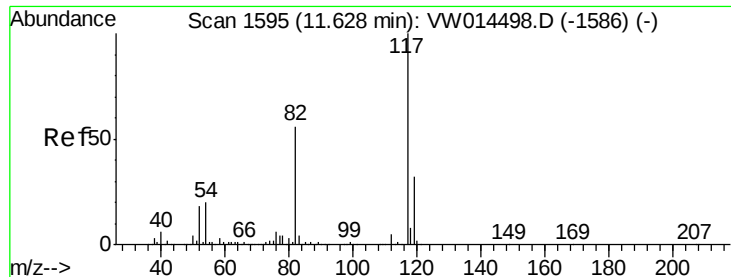
Tot Ion: 107 Resp: 228374
Ion Ratio Lower Upper
107 100
109 93.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 54.948 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 95 Resp: 389207
Ion Ratio Lower Upper
95 100
174 81.9 0.0 168.6
176 79.5 0.0 162.0

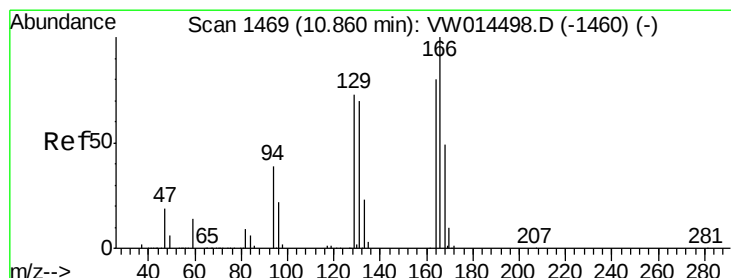
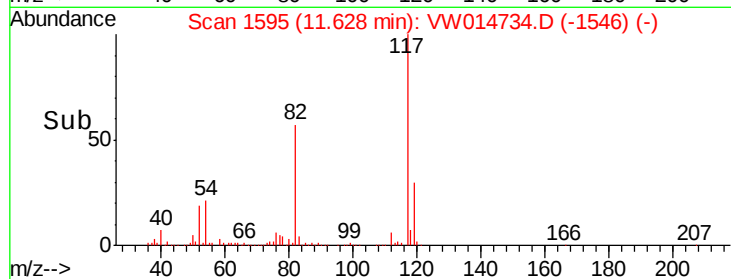
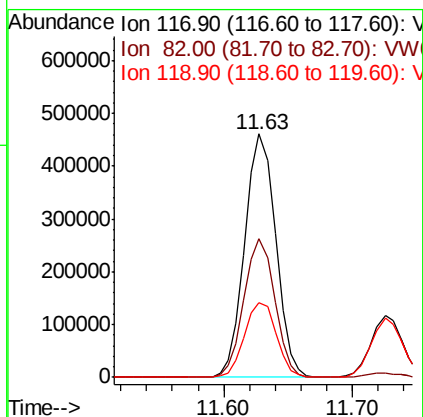
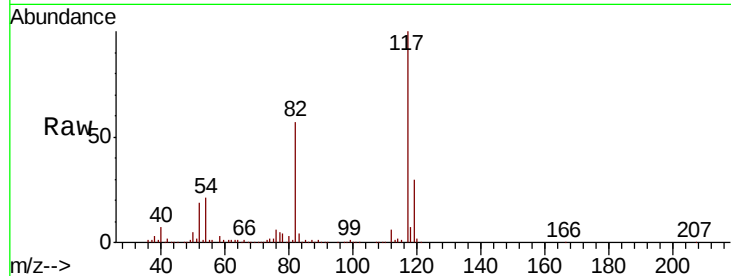




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

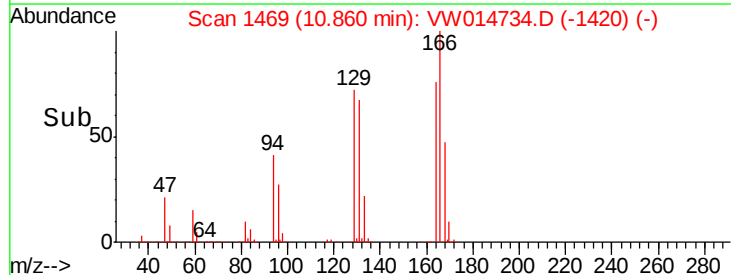
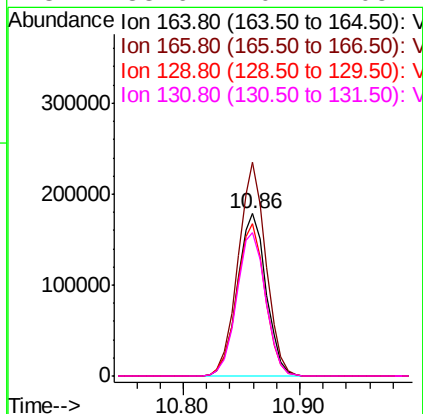
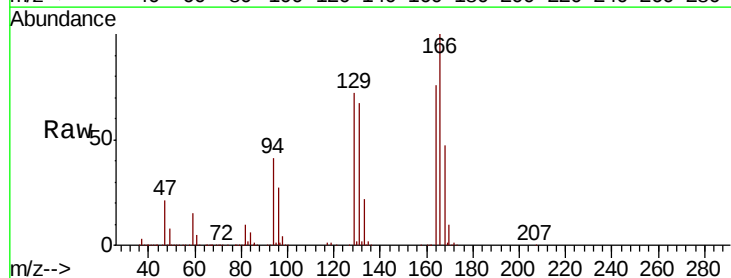
Instrument :
MSVOA_W
ClientSampleId :

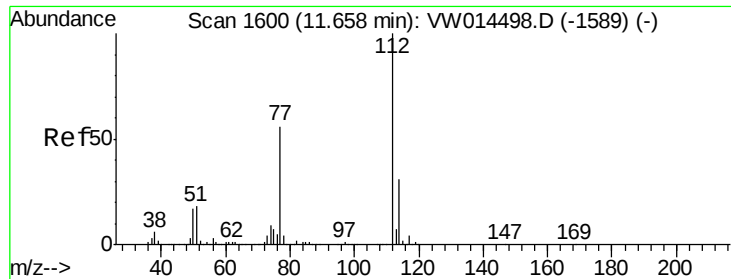
Tot Ion:117 Resp: 766322
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 30.5 25.7 38.5



#64
Tetrachloroethene
Concen: 55.197 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion:164 Resp: 306225
Ion Ratio Lower Upper
164 100
166 131.7 99.8 149.6
129 94.2 72.4 108.6
131 88.6 70.1 105.1

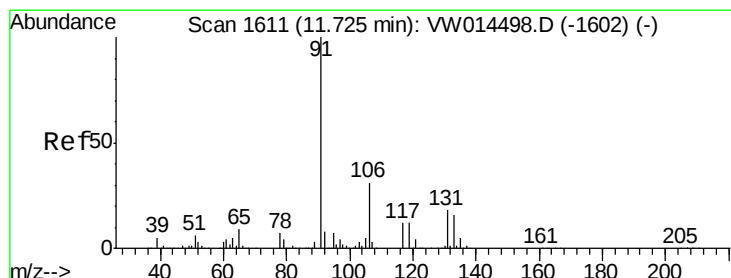
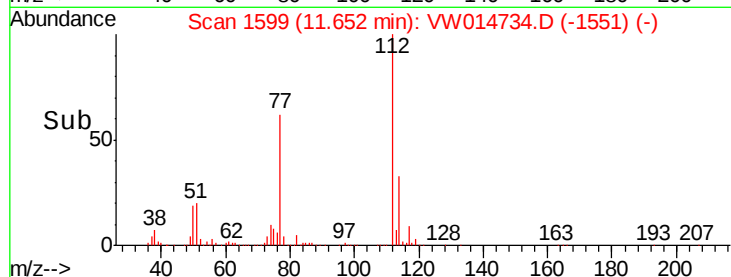
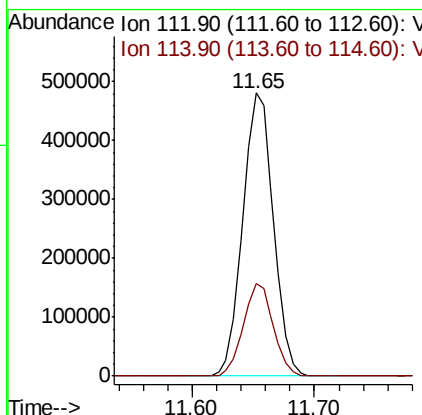
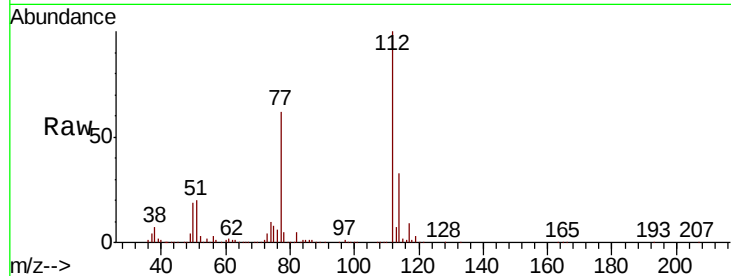




#65
Chlorobenzene
Concen: 53.226 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

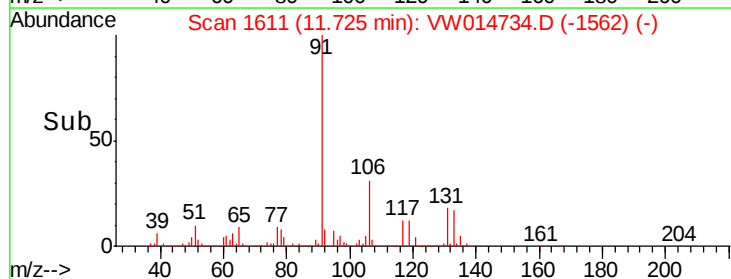
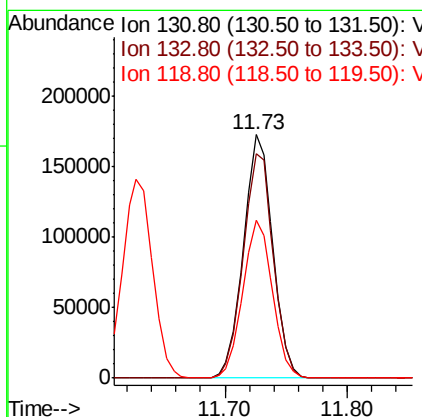
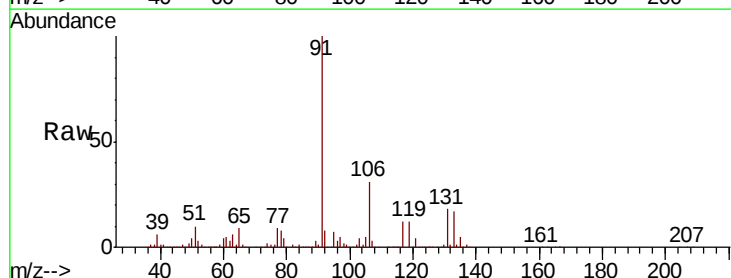
Instrument :
MSVOA_W
ClientSampled :

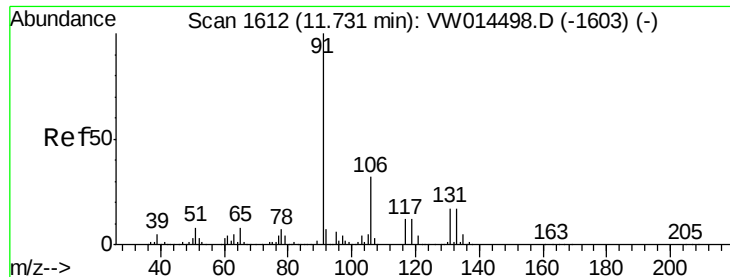
Tot Ion:112 Resp: 835629
Ion Ratio Lower Upper
112 100
114 32.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.274 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion:131 Resp: 286891
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 65.6 33.1 99.3

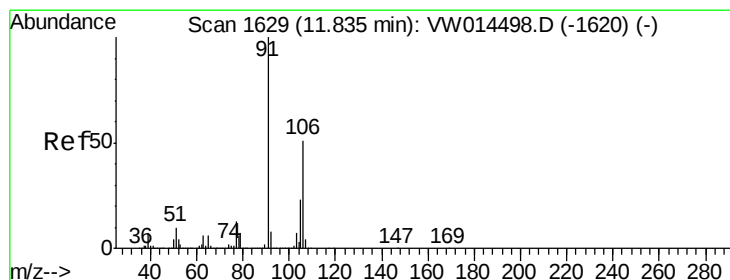
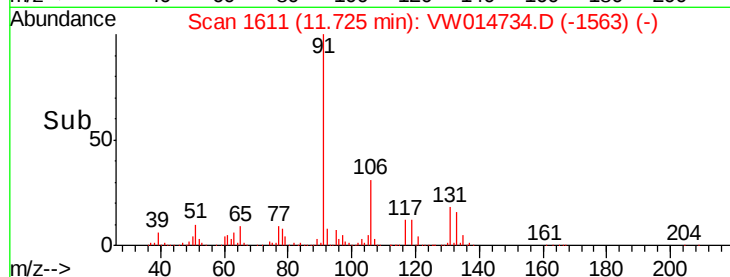
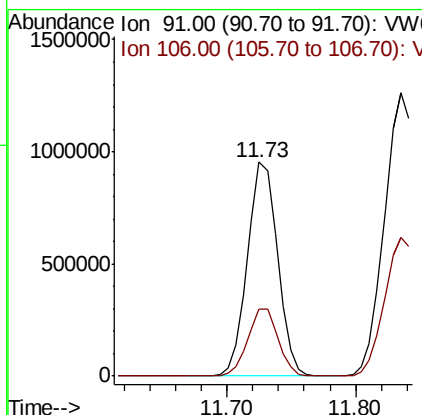
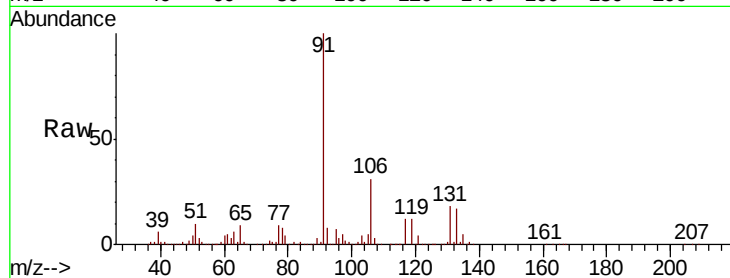




#67
Ethyl Benzene
Concen: 54.484 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

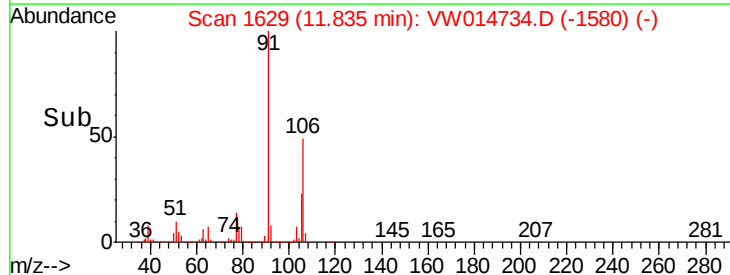
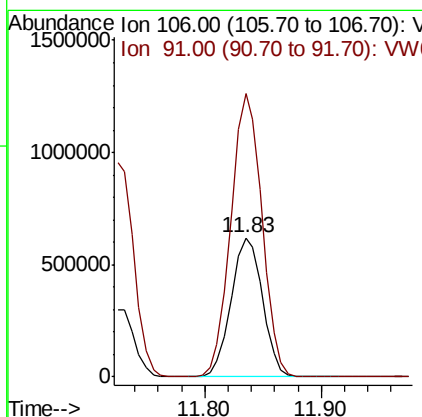
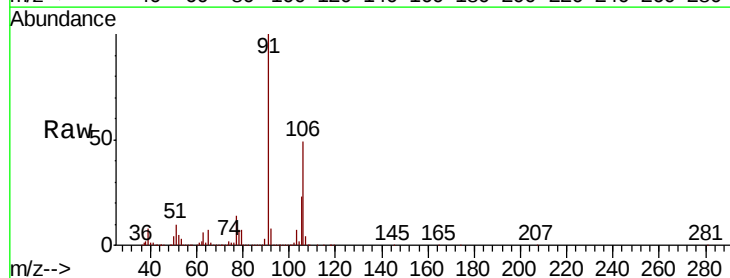
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 91 Resp: 1541503
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 107.369 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 106 Resp: 1162631
Ion Ratio Lower Upper
106 100
91 201.7 159.0 238.6

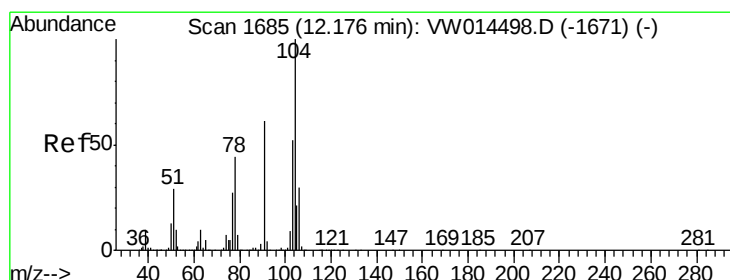
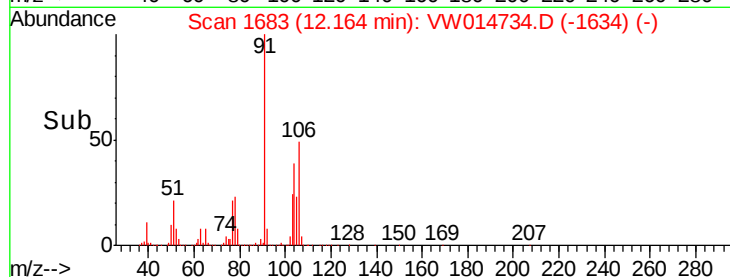
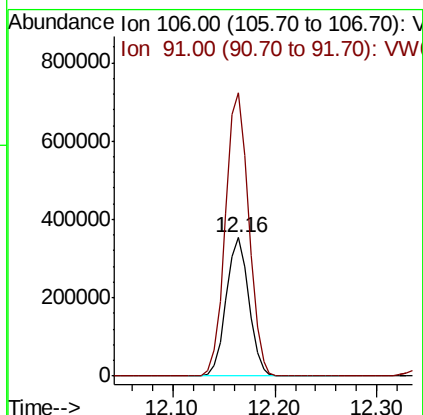
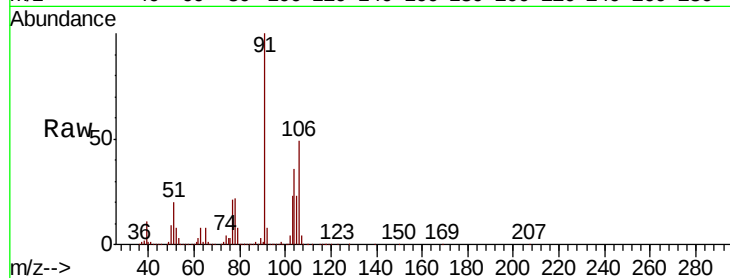




#69
o-Xylene
Concen: 54.508 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

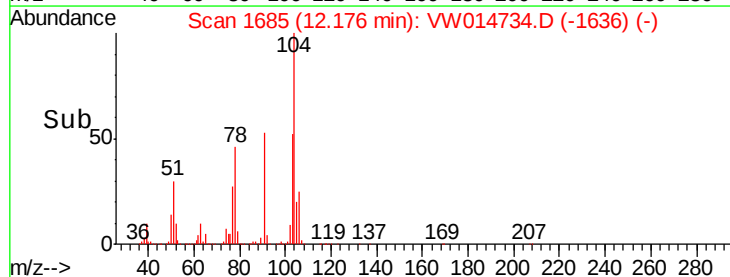
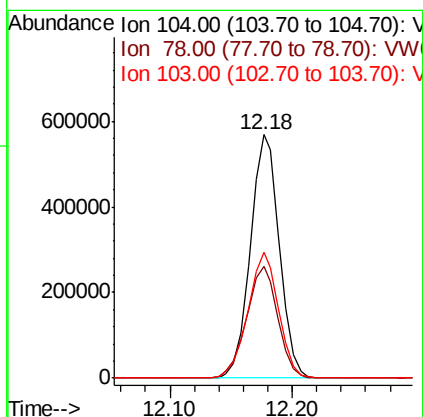
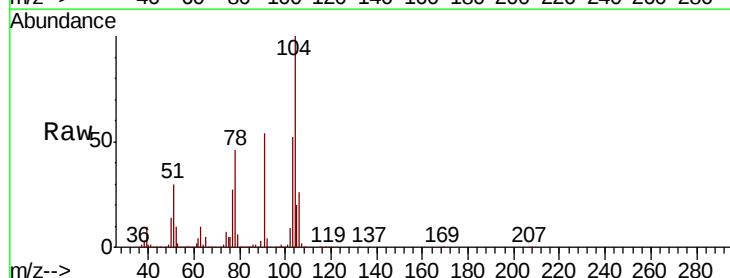
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 545211
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.6



#70
Styrene
Concen: 55.379 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion:104 Resp: 936915
Ion Ratio Lower Upper
104 100
78 49.4 38.4 57.6
103 54.6 43.7 65.5





#71

Bromoform

Concen: 56.408 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

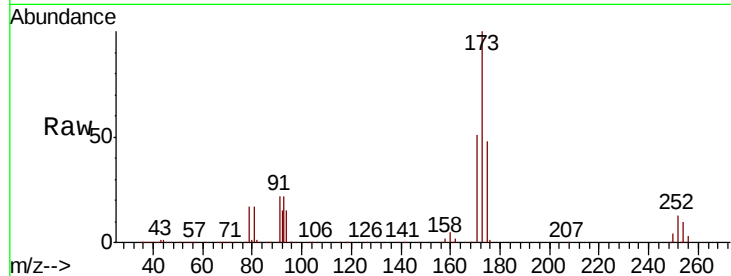
Tot Ion:173 Resp: 162640

Ion Ratio Lower Upper

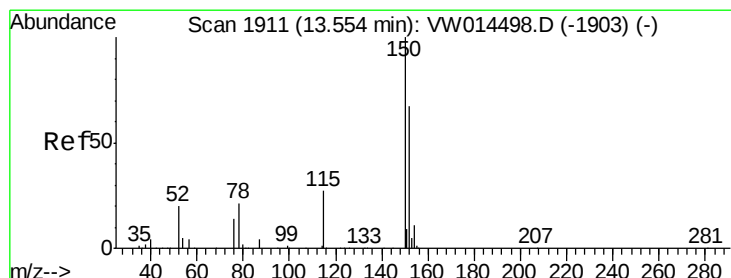
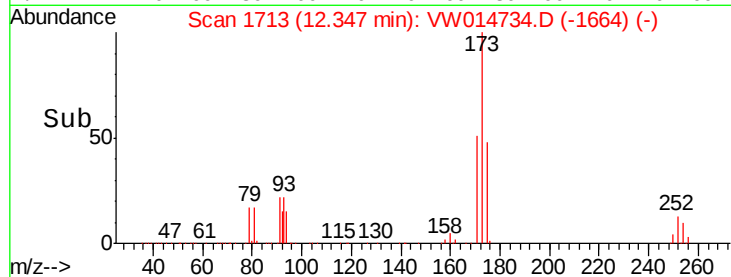
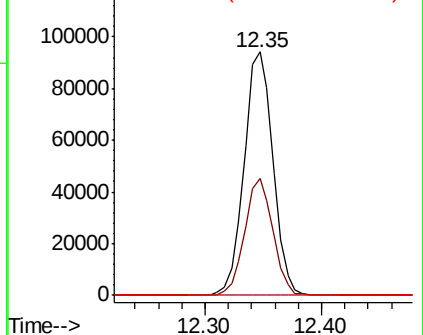
173 100

175 47.0 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

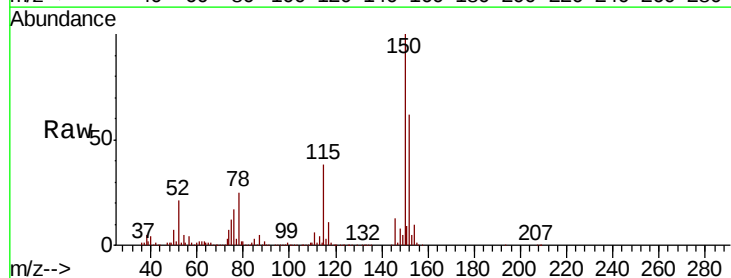
Tgt Ion:152 Resp: 375579

Ion Ratio Lower Upper

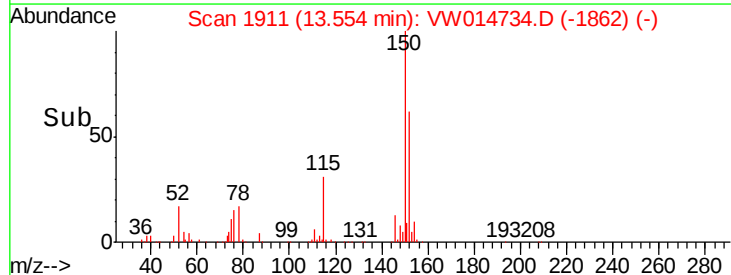
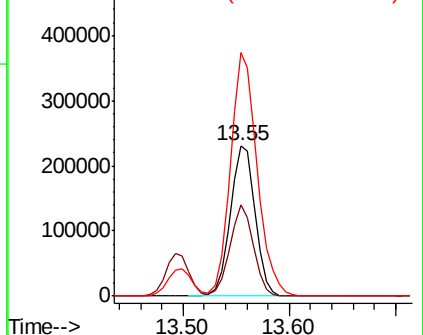
152 100

115 57.4 27.7 83.1

150 173.7 0.0 343.4



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





#73

Isopropylbenzene

Concen: 53.996 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

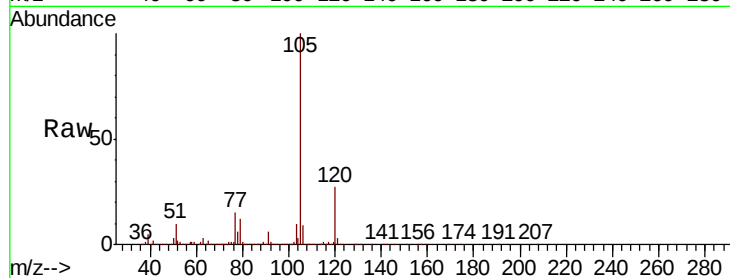
ClientSampled :

Tot Ion:105 Resp: 1488041

Ion Ratio Lower Upper

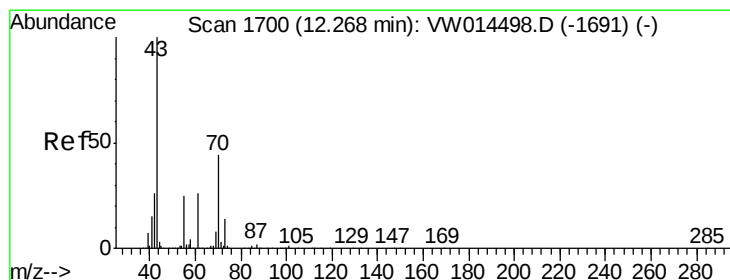
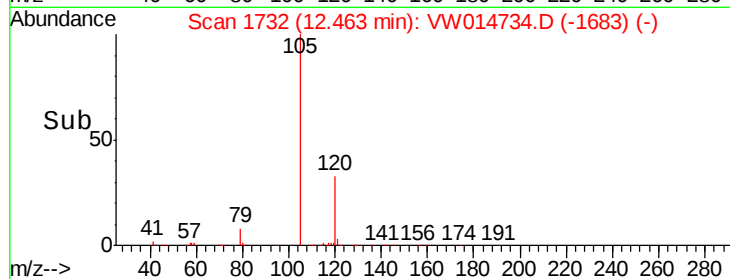
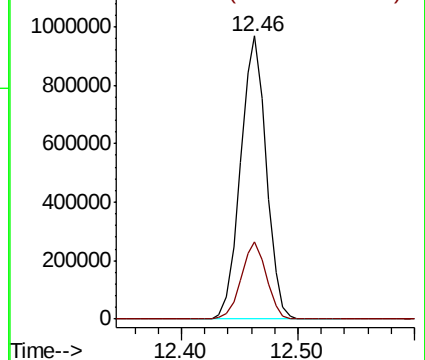
105 100

120 26.8 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-ethyl acetate

Concen: 62.819 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion: 43 Resp: 388165

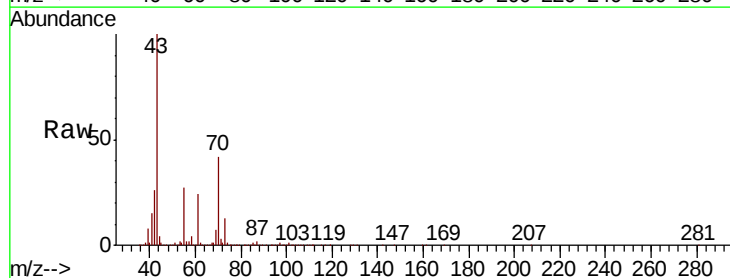
Ion Ratio Lower Upper

43 100

70 42.8 36.5 54.7

55 26.7 20.9 31.3

61 24.8 20.7 31.1

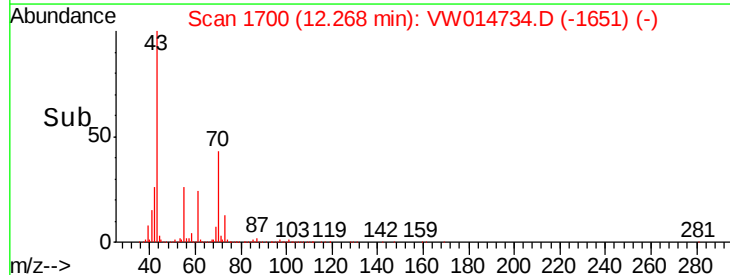
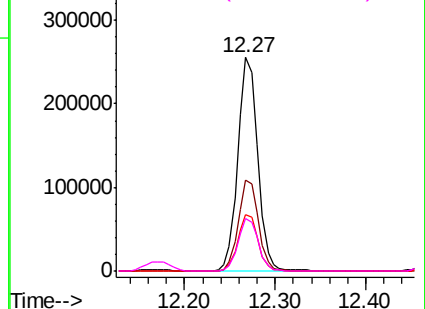


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 58.036 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampled :

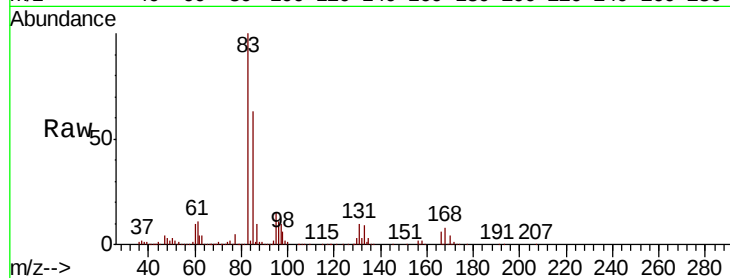
Tot Ion: 83 Resp: 288680

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

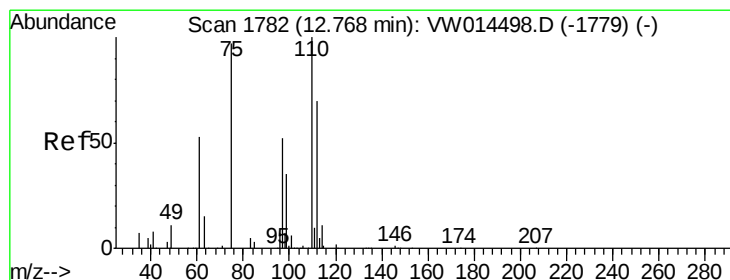
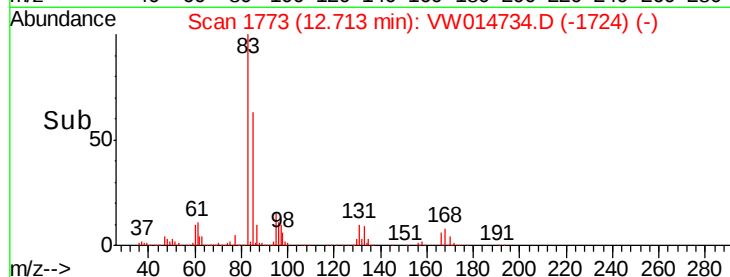
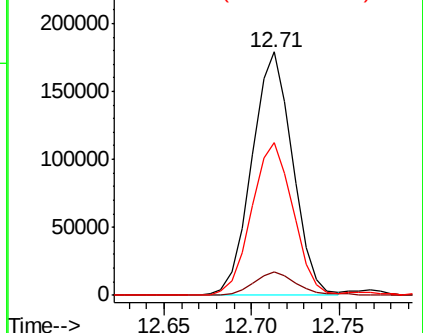
85 63.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 103.198 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW014734.D

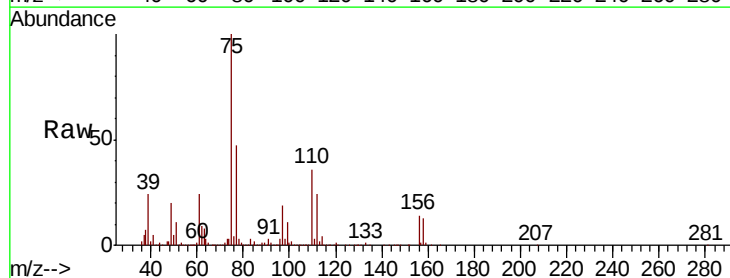
Acq: 23 Jan 2020 19:40

Tgt Ion: 75 Resp: 366460

Ion Ratio Lower Upper

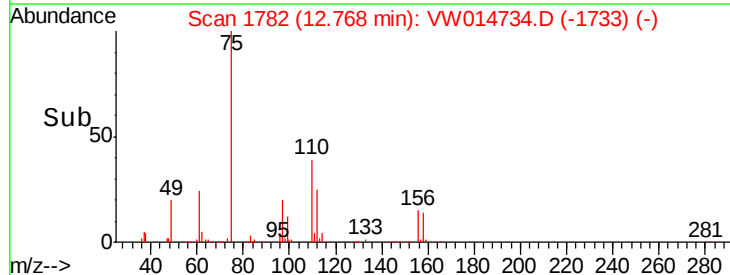
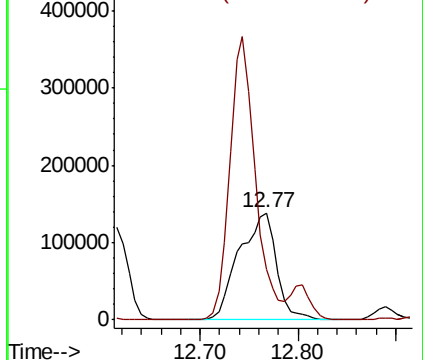
75 100

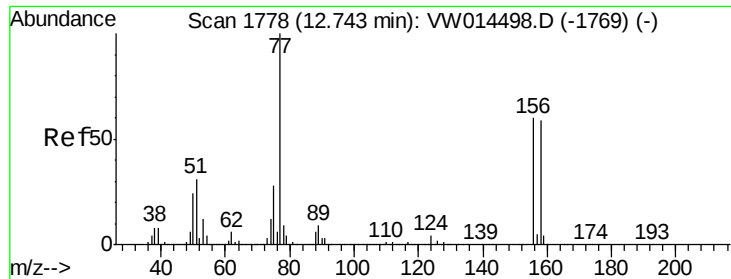
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.164 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampled :

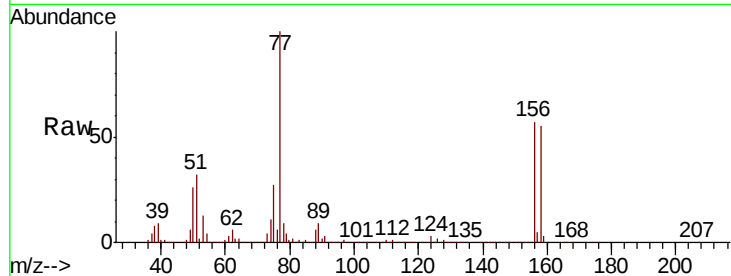
Tot Ion:156 Resp: 340284

Ion Ratio Lower Upper

156 100

77 195.9 92.3 277.1

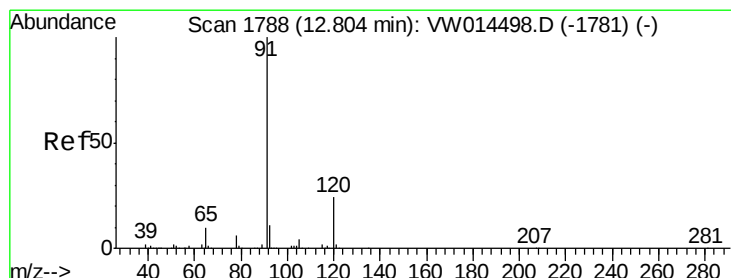
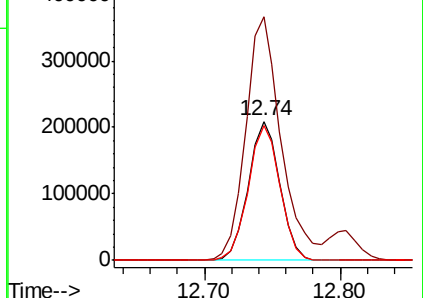
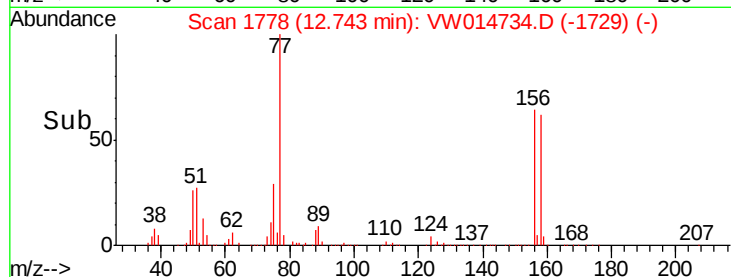
158 97.3 48.6 145.9



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: 55.090 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014734.D

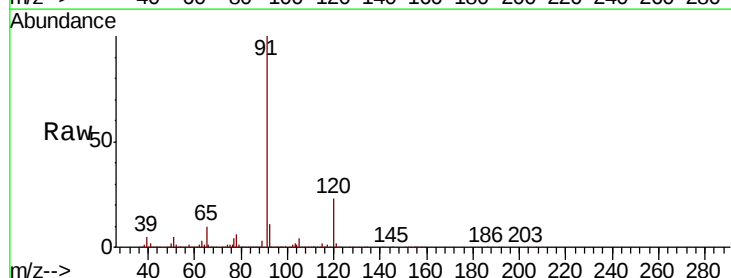
Acq: 23 Jan 2020 19:40

Tgt Ion: 91 Resp: 1785214

Ion Ratio Lower Upper

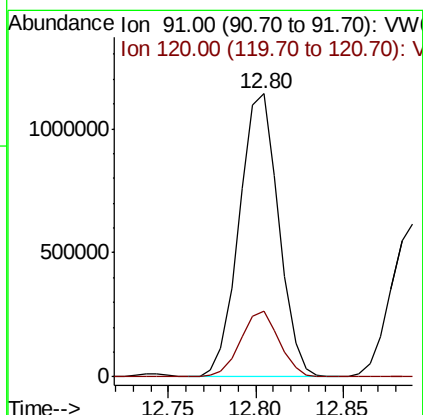
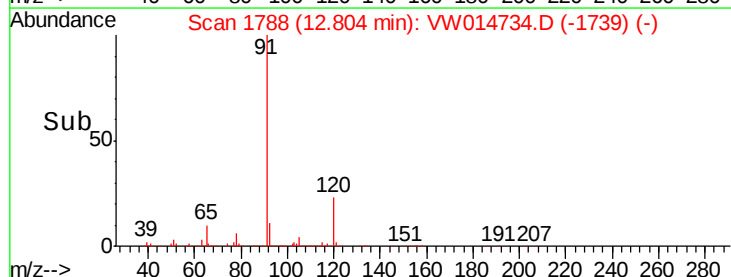
91 100

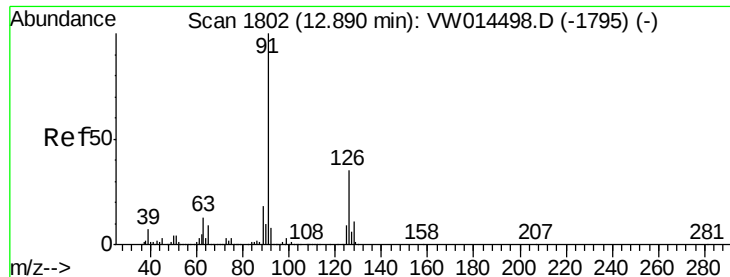
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.385 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

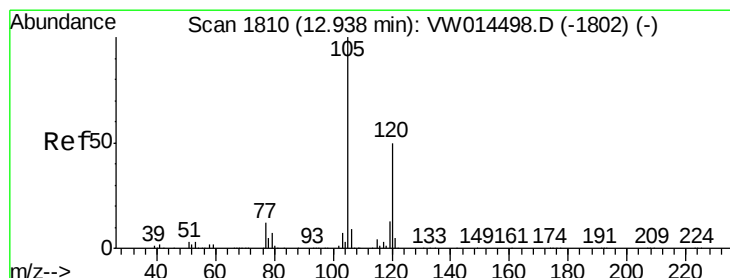
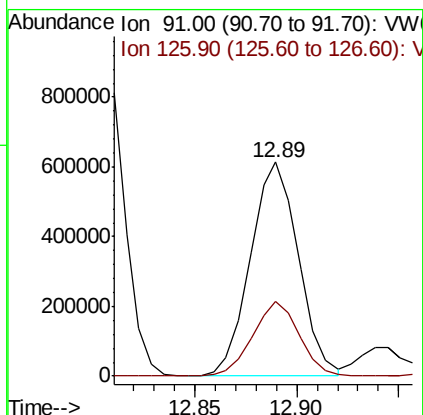
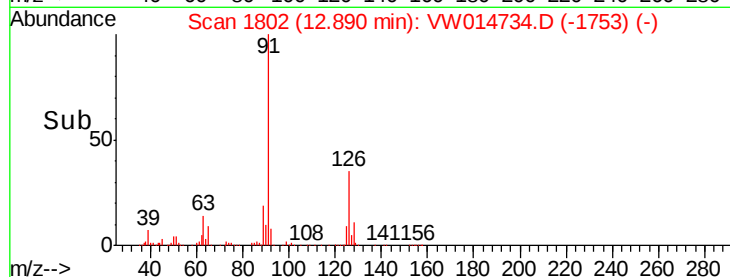
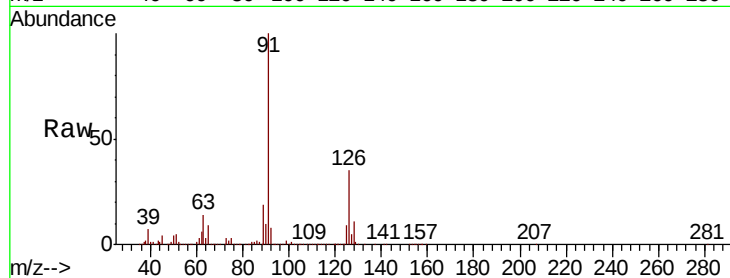
ClientSampleId :

Tot Ion: 91 Resp: 1002915

Ion Ratio Lower Upper

91 100

126 33.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 54.251 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014734.D

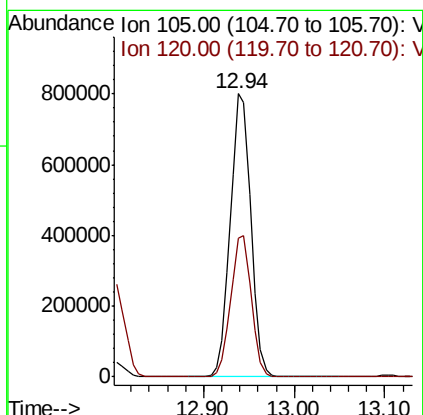
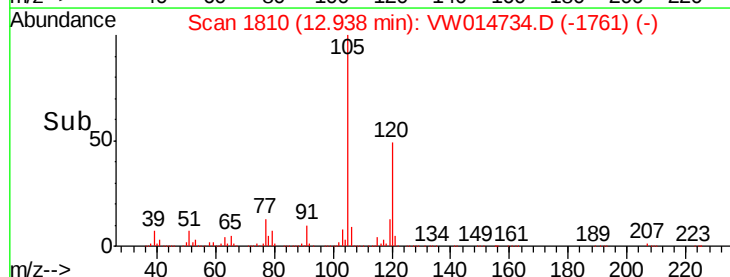
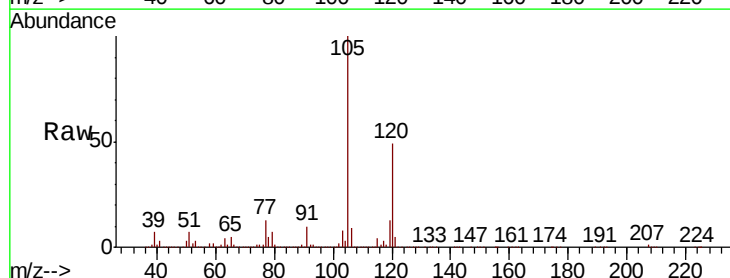
Acq: 23 Jan 2020 19:40

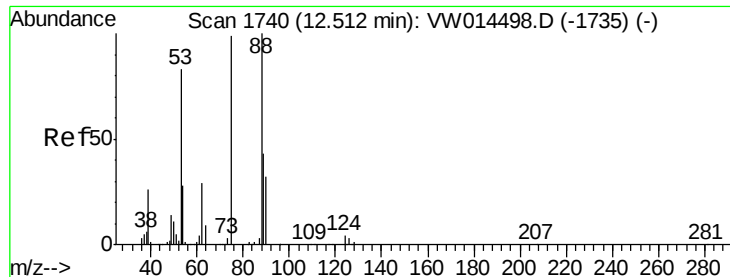
Tgt Ion:105 Resp: 1255312

Ion Ratio Lower Upper

105 100

120 49.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 58.034 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

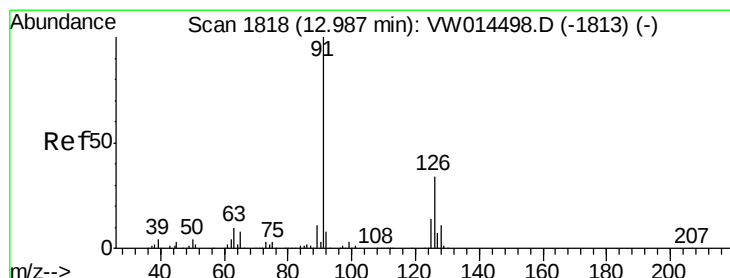
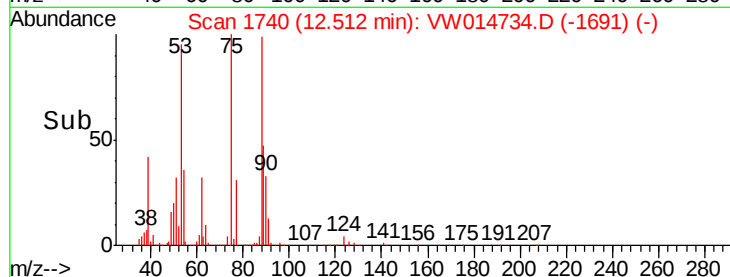
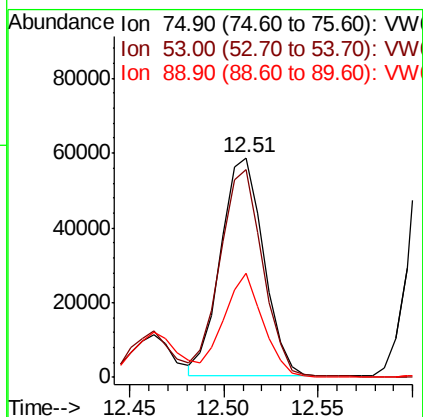
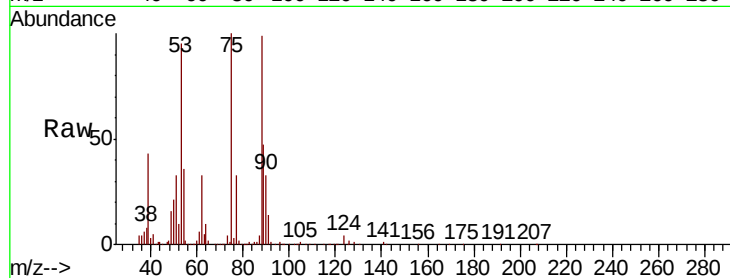
Tot Ion: 75 Resp: 92494

Ion Ratio Lower Upper

75 100

53 95.3 70.9 106.3

89 43.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 54.784 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014734.D

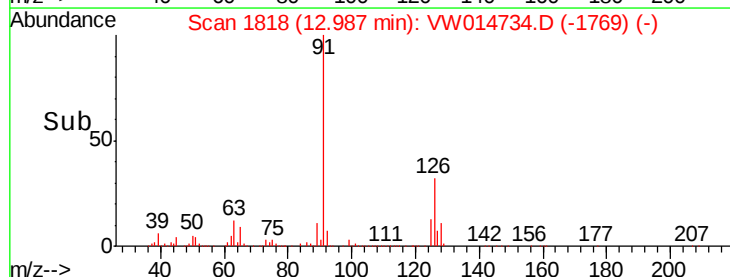
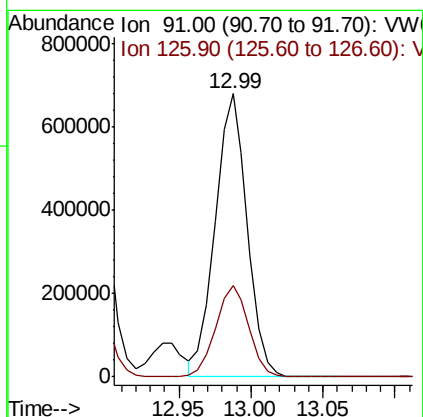
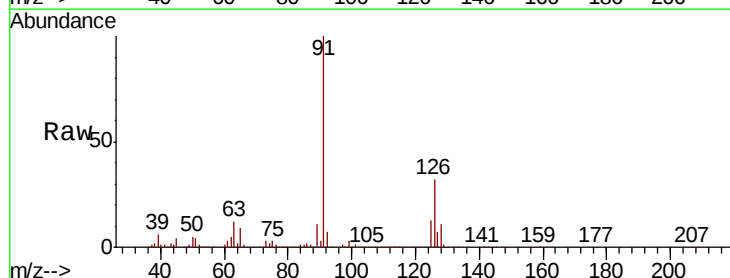
Acq: 23 Jan 2020 19:40

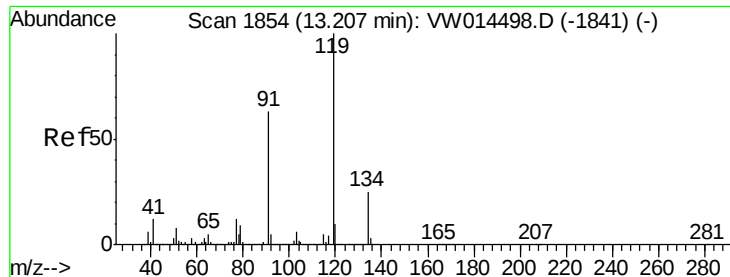
Tgt Ion: 91 Resp: 1049621

Ion Ratio Lower Upper

91 100

126 33.2 17.1 51.2

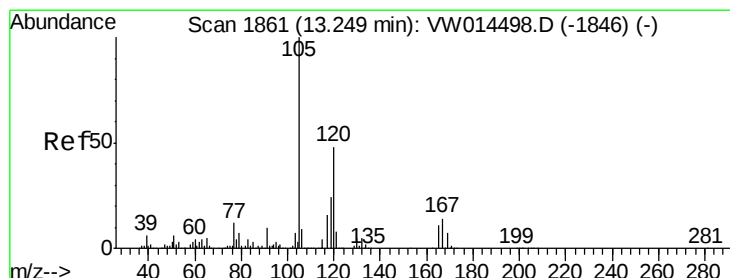
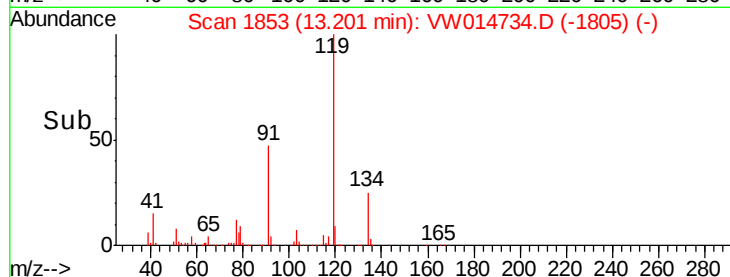
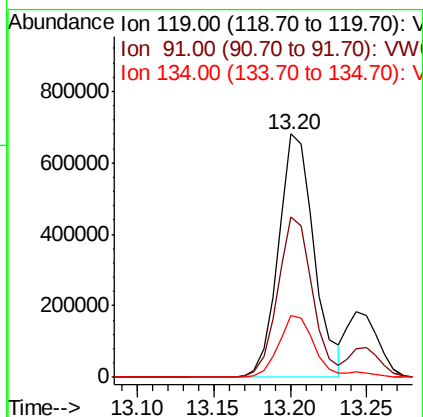
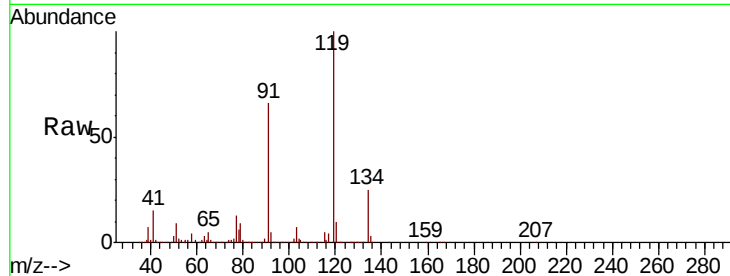




#83
tert-Butylbenzene
Concen: 54.289 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

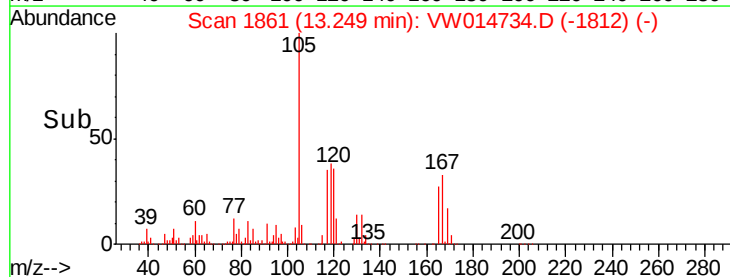
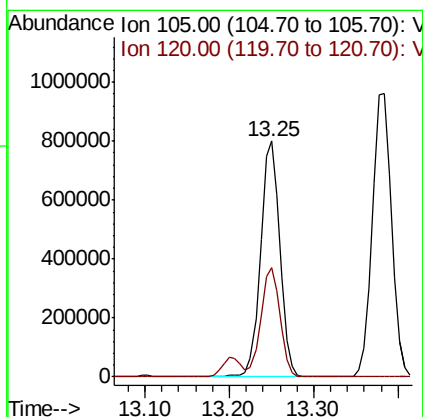
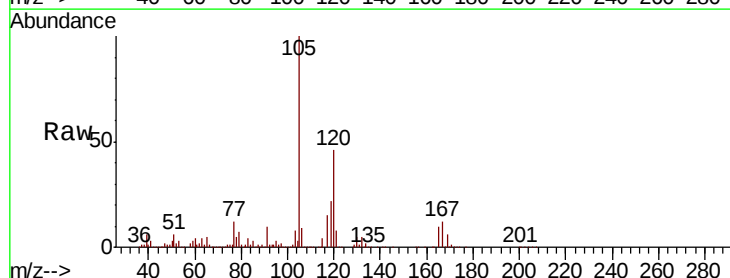
Instrument :
MSVOA_W
ClientSampled :

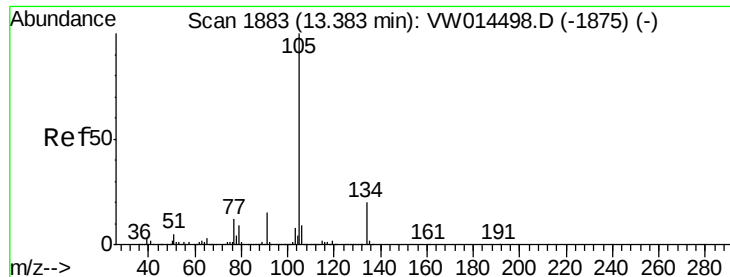
Tot Ion:119 Resp: 1099821
Ion Ratio Lower Upper
119 100
91 64.0 31.1 93.3
134 26.5 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 54.596 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion:105 Resp: 1257149
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 54.613 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

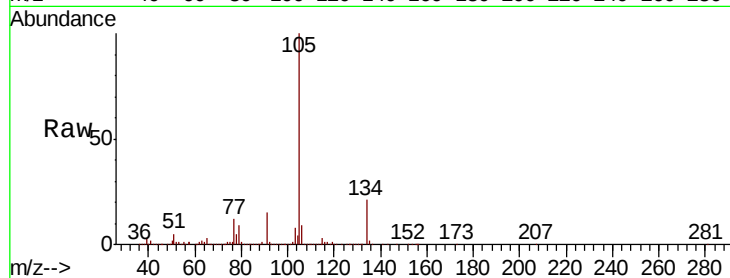
ClientSampled :

Tot Ion:105 Resp: 1531435

Ion Ratio Lower Upper

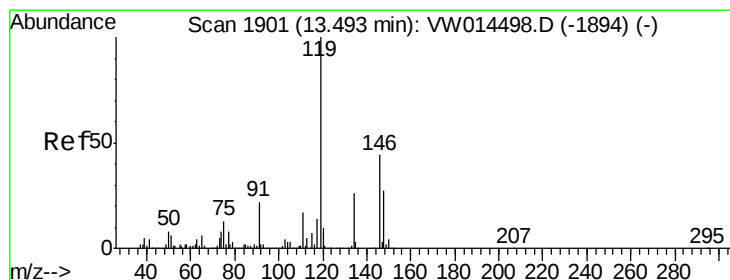
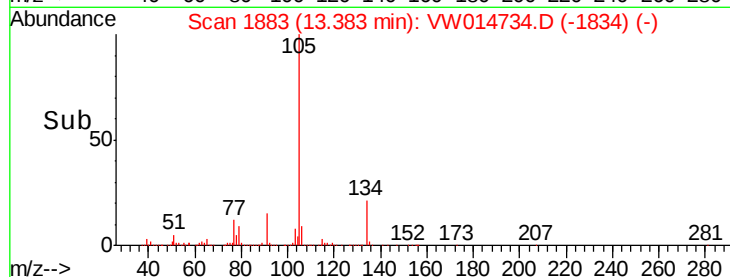
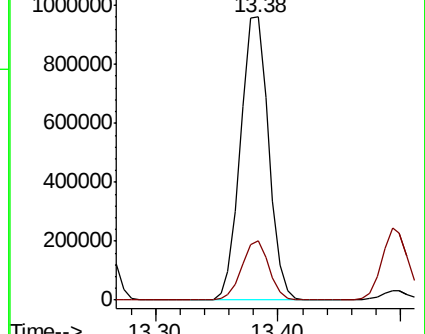
105 100

134 20.1 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.046 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

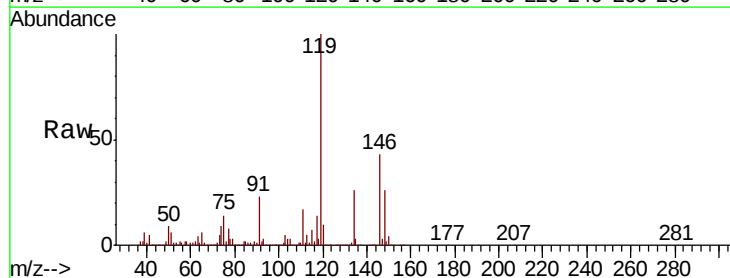
Tgt Ion:119 Resp: 1381406

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

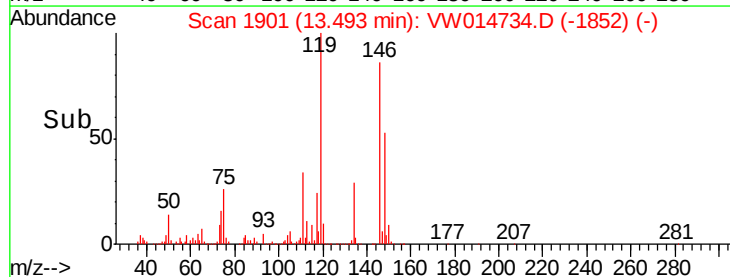
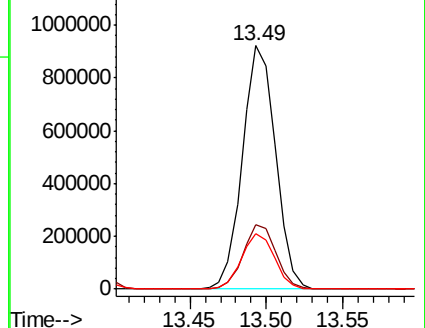
91 22.7 11.1 33.3

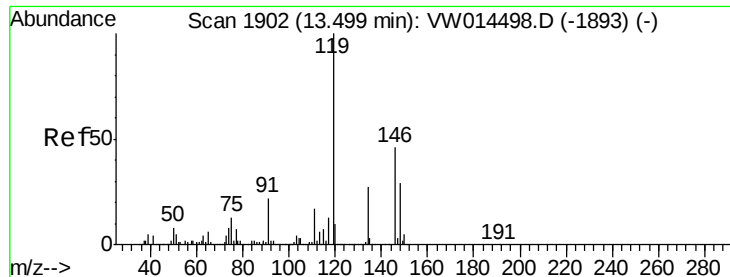


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.336 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampled :

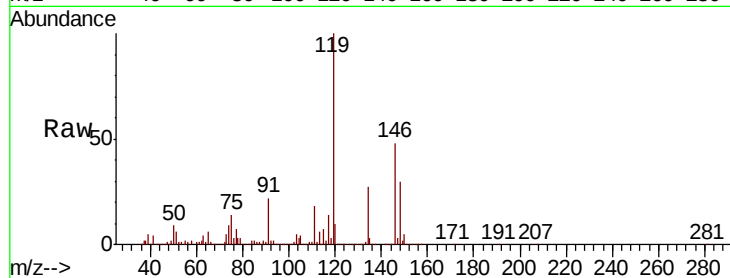
Tot Ion:146 Resp: 663846

Ion Ratio Lower Upper

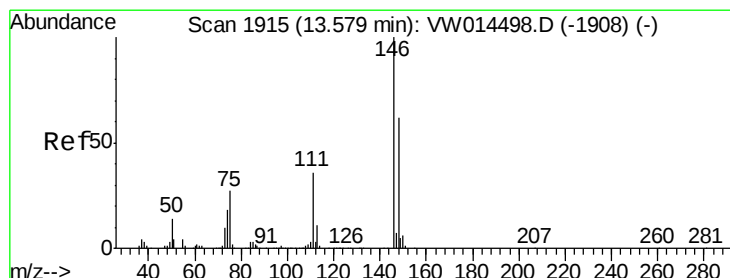
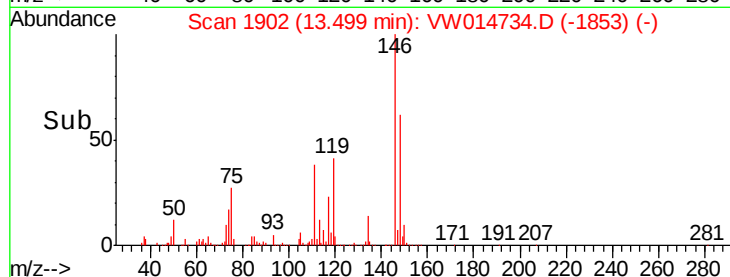
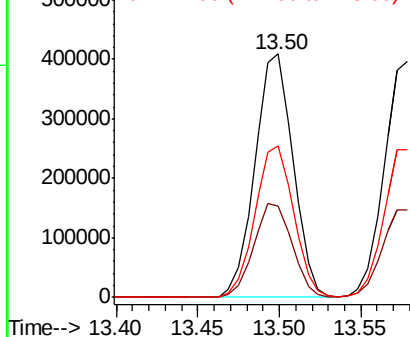
146 100

111 38.8 19.3 57.9

148 62.9 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 52.525 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

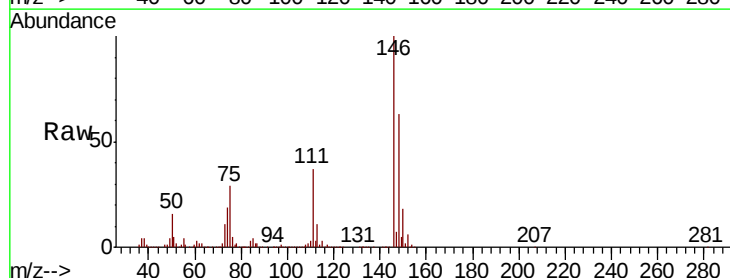
Tgt Ion:146 Resp: 645407

Ion Ratio Lower Upper

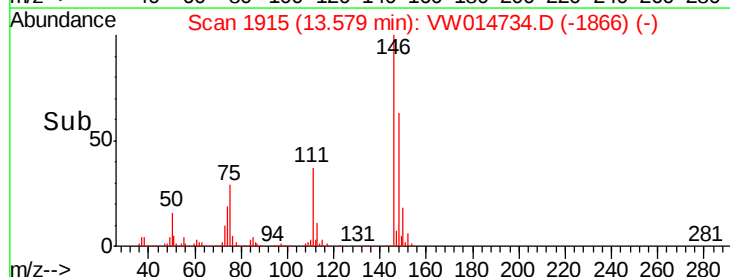
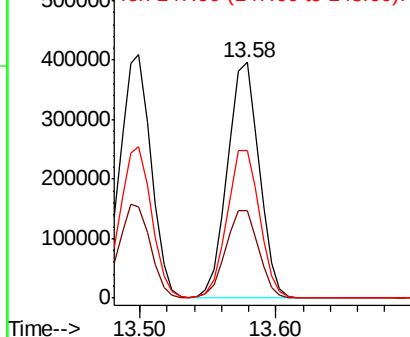
146 100

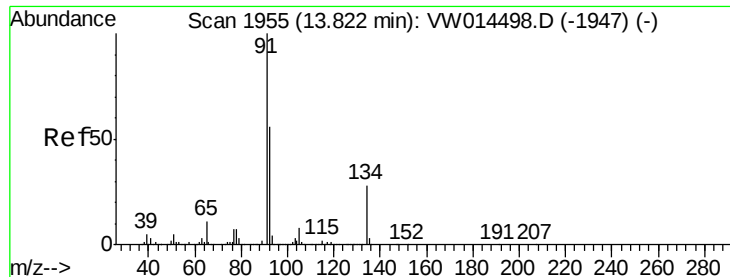
111 38.3 18.7 56.1

148 64.2 31.7 95.1



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: 55.272 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

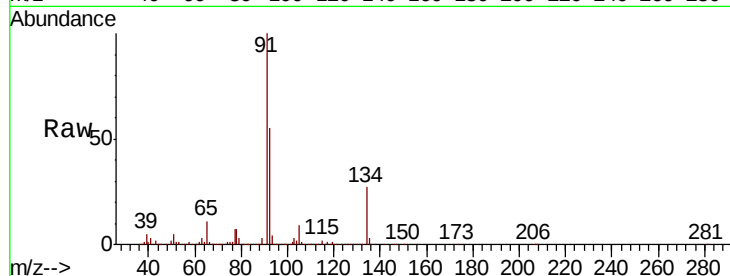
Tot Ion: 91 Resp: 1311901

Ion Ratio Lower Upper

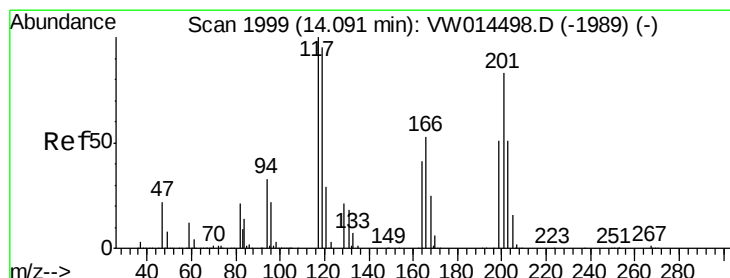
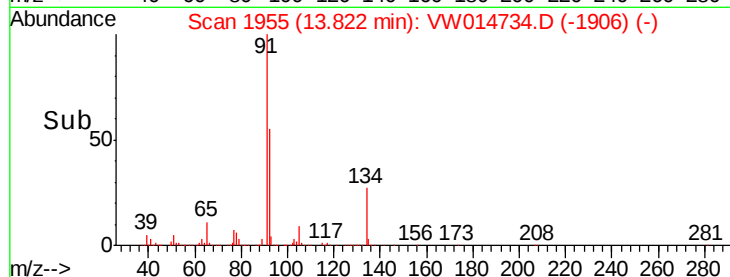
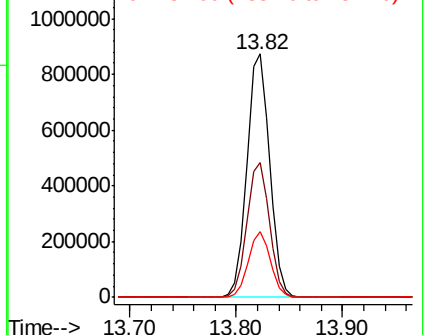
91 100

92 54.9 27.5 82.5

134 26.3 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: 53.281 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014734.D

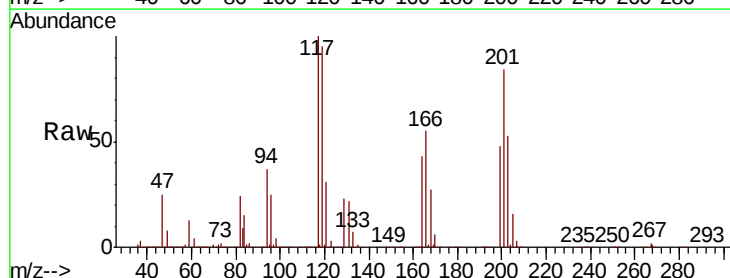
Acq: 23 Jan 2020 19:40

Tgt Ion: 117 Resp: 237907

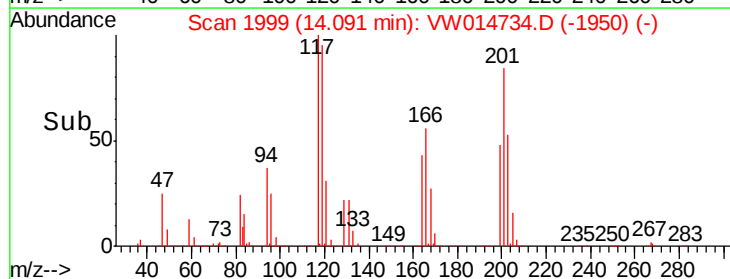
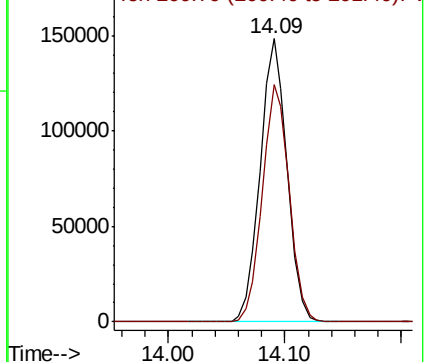
Ion Ratio Lower Upper

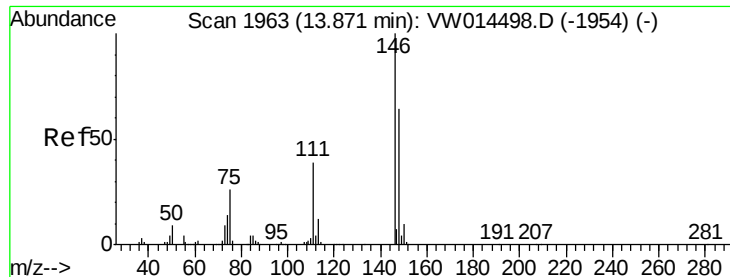
117 100

201 83.8 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 53.823 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW014734.D

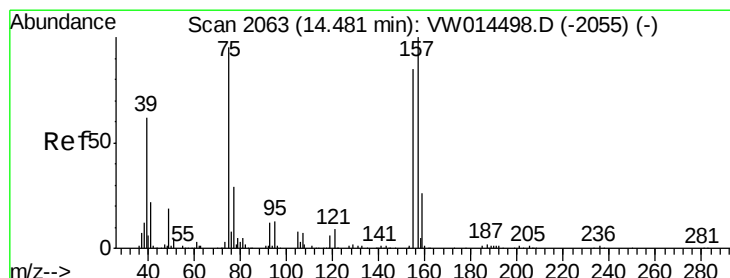
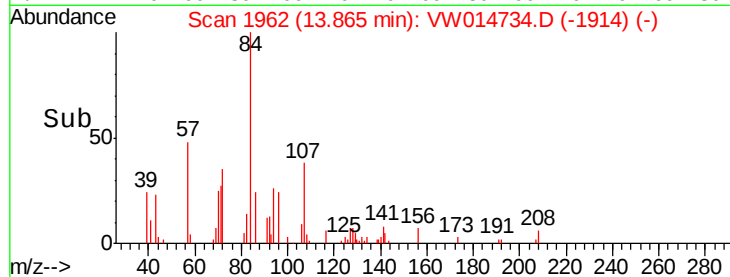
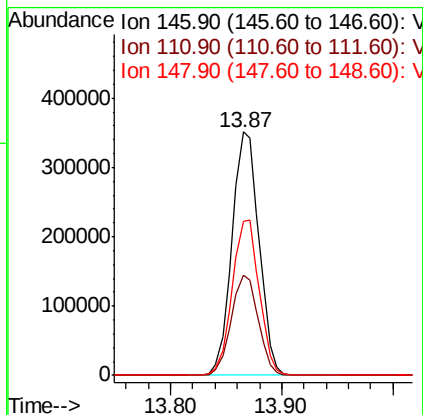
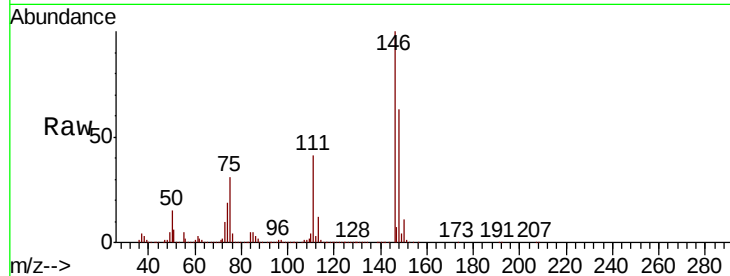
Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	588799
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	63.6	32.3	96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.072 ug/l

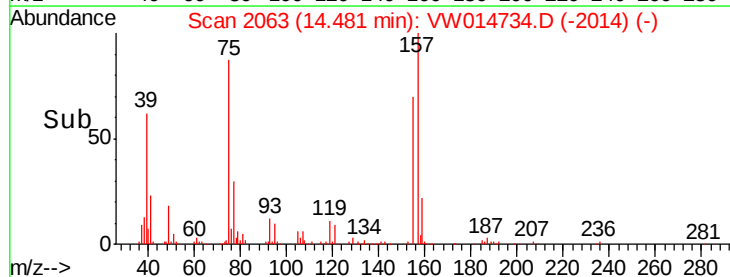
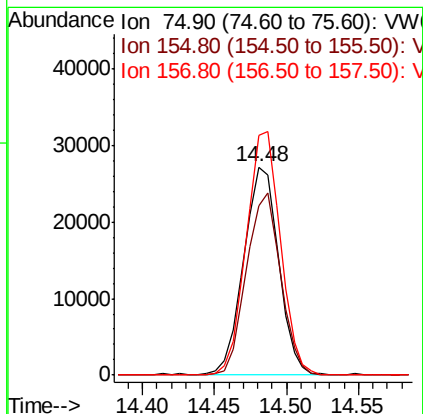
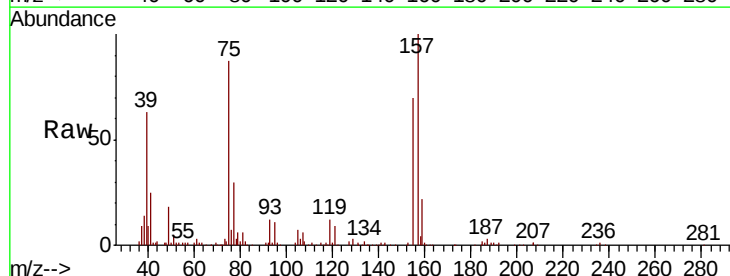
RT: 14.48 min Scan# 2063

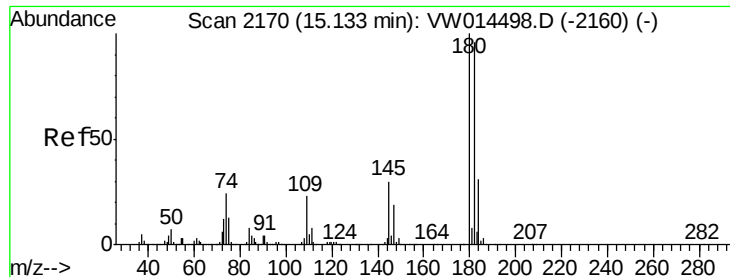
Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion:	75	Resp:	45743
Ion	Ratio	Lower	Upper
75	100		
155	85.2	45.8	137.4
157	114.0	58.1	174.2

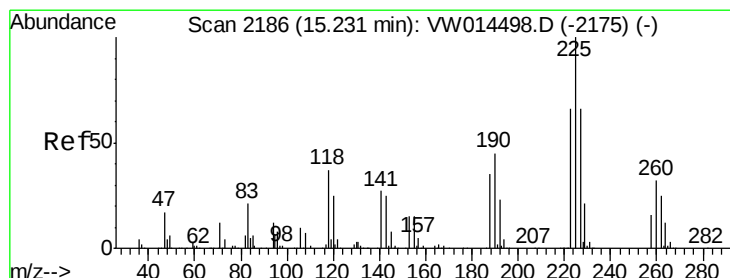
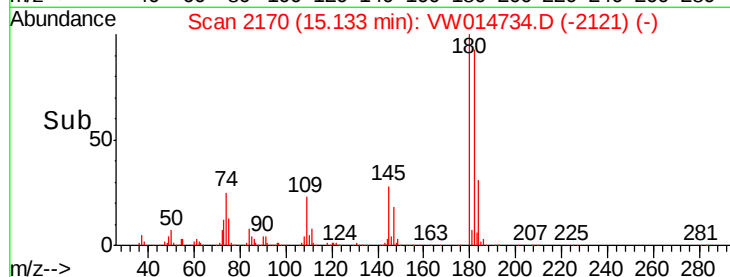
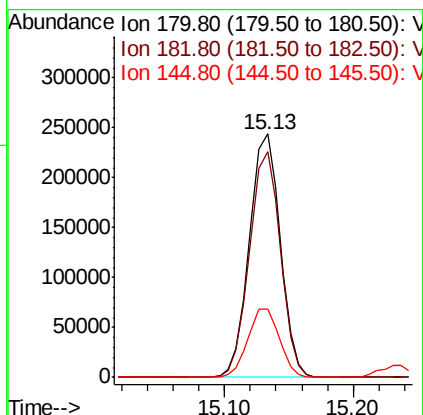
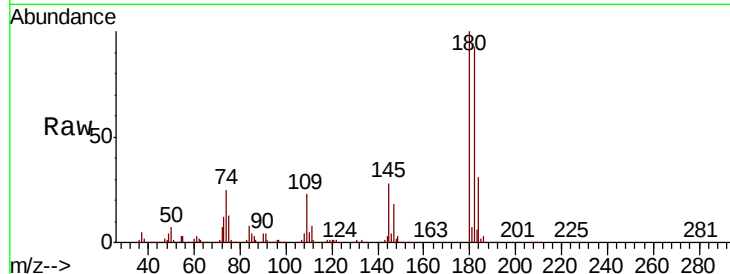




#93
 1,2,4-Trichlorobenzene
 Concen: 54.621 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

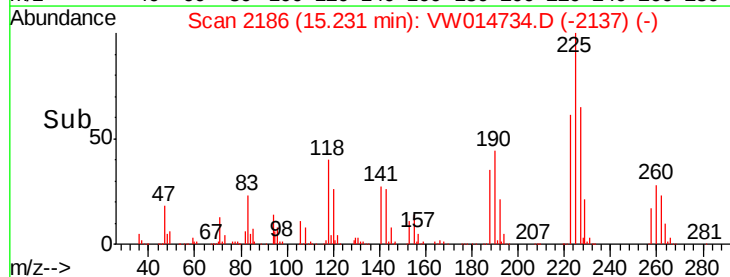
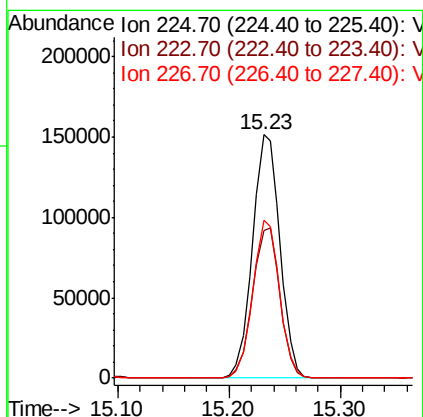
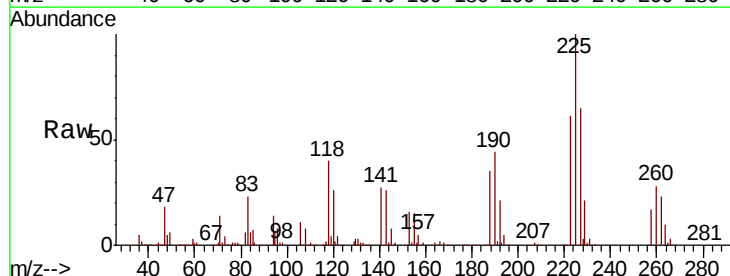
Instrument :
 MSVOA_W
 ClientSampleId :

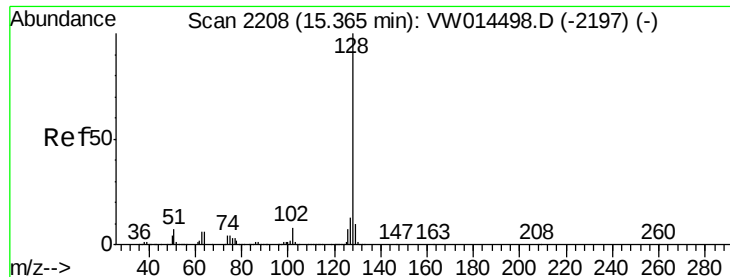
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	141.8
145	28.9	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 52.543 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.4	97.2
227	63.1	32.6	97.8

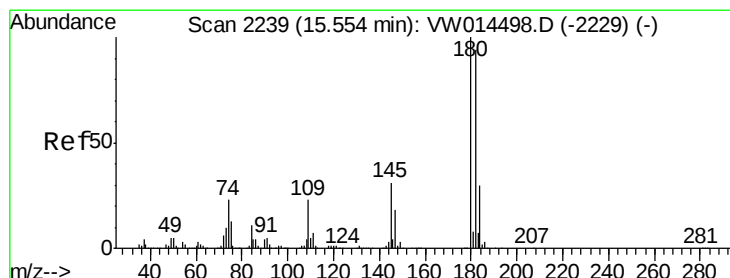
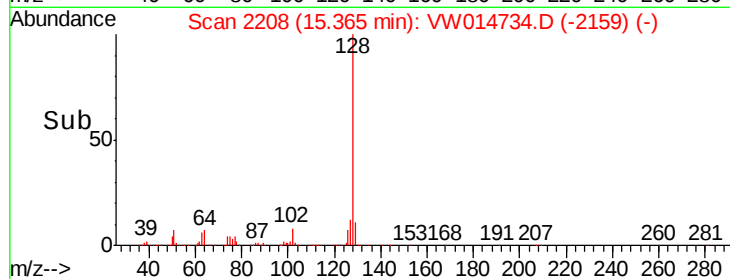
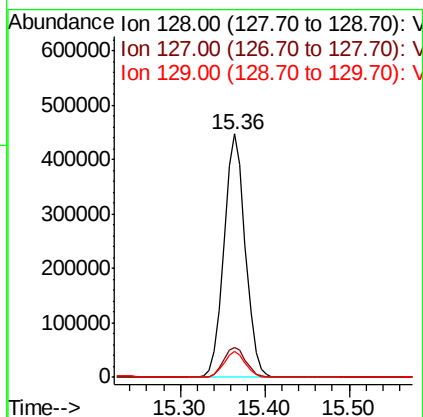
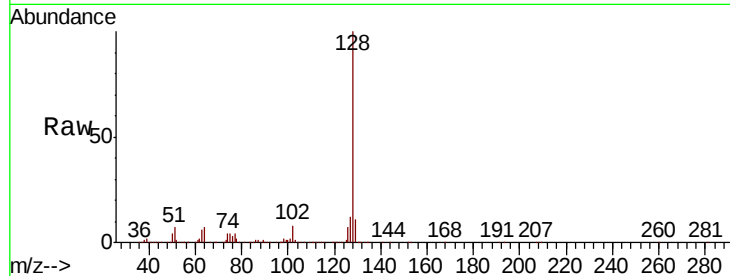




#95
Naphthalene
Concen: 61.100 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 769790
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.711 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion:180 Resp: 345863
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 31.4 15.5 46.5

