

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010720\
 Data File : VW014540.D
 Acq On : 07 Jan 2020 10:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 08 05:45:31 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	635974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	955756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	825684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	409296	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	313343	56.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.70%	
35) Dibromofluoromethane	7.88	113	313840	57.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.92%	
50) Toluene-d8	10.32	98	1285787	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
62) 4-Bromofluorobenzene	12.62	95	431231	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	175197	48.790	ug/l	100
3) Chloromethane	2.21	50	214738	48.856	ug/l	97
4) Vinyl Chloride	2.36	62	324209	50.151	ug/l	98
5) Bromomethane	2.78	94	204956	51.322	ug/l	99
6) Chloroethane	2.92	64	189380	51.390	ug/l	97
7) Trichlorofluoromethane	3.25	101	164154	50.751	ug/l	100
8) Diethyl Ether	3.68	74	152891	47.508	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	294843	48.786	ug/l	99
10) Methyl Iodide	4.28	142	448226	49.155	ug/l	99
11) Tert butyl alcohol	5.15	59	90052	206.010	ug/l	98
12) 1,1-Dichloroethene	4.04	96	309603	48.919	ug/l	97
13) Acrolein	3.89	56	127827	263.389	ug/l	97
14) Allyl chloride	4.66	41	493481	51.024	ug/l	99
15) Acrylonitrile	5.36	53	338203	229.907	ug/l	99
16) Acetone	4.11	43	401613	255.792	ug/l	100
17) Carbon Disulfide	4.38	76	939247	49.239	ug/l	100
18) Methyl Acetate	4.67	43	168976	44.562	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	393598	50.100	ug/l	98
20) Methylene Chloride	4.91	84	325776	51.428	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	332314	49.450	ug/l	96
22) Diisopropyl ether	6.31	45	925374	51.118	ug/l	99
23) Vinyl Acetate	6.25	43	2644232	241.893	ug/l	100
24) 1,1-Dichloroethane	6.21	63	573807	50.251	ug/l	100
25) 2-Butanone	7.16	43	475241	235.861	ug/l	100
26) 2,2-Dichloropropane	7.16	77	317537	50.227	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	347588	49.225	ug/l	98
28) Bromochloromethane	7.51	49	258597	57.764	ug/l	99
29) Tetrahydrofuran	7.52	42	270609	216.789	ug/l	99
30) Chloroform	7.67	83	538948	50.472	ug/l	97
31) Cyclohexane	7.95	56	555667	46.825	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	424598	49.440	ug/l	99
36) 1,1-Dichloropropene	8.08	75	457295	49.631	ug/l	100
37) Ethyl Acetate	7.24	43	191214	45.758	ug/l	98
38) Carbon Tetrachloride	8.06	117	391053	48.921	ug/l	98

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 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	9.34	83	569882	48.196	ug/l	99
40) Benzene	8.32	78	1300926	49.902	ug/l	100
41) Methacrylonitrile	7.48	41	104398	44.817	ug/l	99
42) 1,2-Dichloroethane	8.40	62	326321	48.235	ug/l	100
43) Isopropyl Acetate	8.42	43	340757	44.906	ug/l	98
44) Trichloroethene	9.09	130	340467	48.264	ug/l	97
45) 1,2-Dichloropropane	9.37	63	320586	50.114	ug/l	99
46) Dibromomethane	9.46	93	150823	47.758	ug/l	98
47) Bromodichloromethane	9.64	83	387094	49.647	ug/l	99
48) Methyl methacrylate	9.43	41	167043	45.087	ug/l	99
49) 1,4-Dioxane	9.44	88	54091	915.751	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	889070	225.618	ug/l	100
52) Toluene	10.38	92	819478	49.966	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	394243	48.836	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	488771	49.539	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	217309	47.115	ug/l	98
56) Ethyl methacrylate	10.64	69	279023	46.549	ug/l	99
57) 1,3-Dichloropropane	10.93	76	390522	48.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	463857	254.443	ug/l	99
59) 2-Hexanone	10.96	43	654016	240.853	ug/l	98
60) Dibromochloromethane	11.13	129	249205	47.886	ug/l	98
61) 1,2-Dibromoethane	11.23	107	205265	46.884	ug/l	100
64) Tetrachloroethene	10.86	164	284373	47.573	ug/l	96
65) Chlorobenzene	11.65	112	821743	48.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	284026	49.869	ug/l	100
67) Ethyl Benzene	11.73	91	1522414	49.940	ug/l	97
68) m/p-Xylenes	11.83	106	1165812	99.922	ug/l	99
69) o-Xylene	12.16	106	531596	49.326	ug/l	100
70) Styrene	12.18	104	924009	50.690	ug/l	99
71) Bromoform	12.35	173	144957	46.661	ug/l #	99
73) Isopropylbenzene	12.46	105	1477466	49.196	ug/l	99
74) N-amyl acetate	12.27	43	304426	45.209	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	243303	44.884	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	312231	80.683	ug/l #	100
77) Bromobenzene	12.74	156	337338	48.362	ug/l	99
78) n-propylbenzene	12.80	91	1761467	49.879	ug/l	100
79) 2-Chlorotoluene	12.89	91	986850	49.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1241104	49.219	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	81150	46.722	ug/l	99
82) 4-Chlorotoluene	12.99	91	1026390	49.158	ug/l	100
83) tert-Butylbenzene	13.21	119	1081467	48.985	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1243325	49.548	ug/l	100
85) sec-Butylbenzene	13.38	105	1500847	49.113	ug/l	100
86) p-Isopropyltoluene	13.49	119	1383228	49.659	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	666195	49.116	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	636436	47.528	ug/l	99
89) n-Butylbenzene	13.82	91	1300833	50.291	ug/l	99
90) Hexachloroethane	14.09	117	239791	49.279	ug/l	100
91) 1,2-Dichlorobenzene	13.86	146	577666	48.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	38162	44.457	ug/l	96

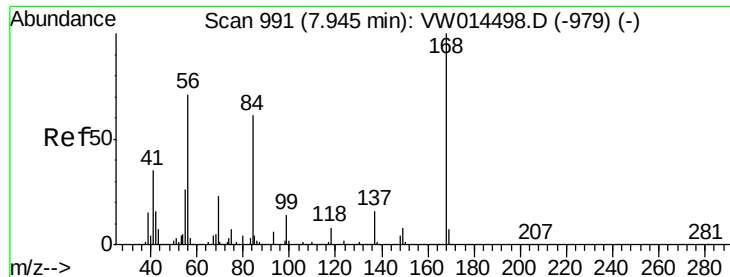
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	396350	49.232	ug/l	99
94) Hexachlorobutadiene	15.24	225	258426	47.901	ug/l	100
95) Naphthalene	15.36	128	648189	47.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	336422	47.941	ug/l	98

(#) = 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: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

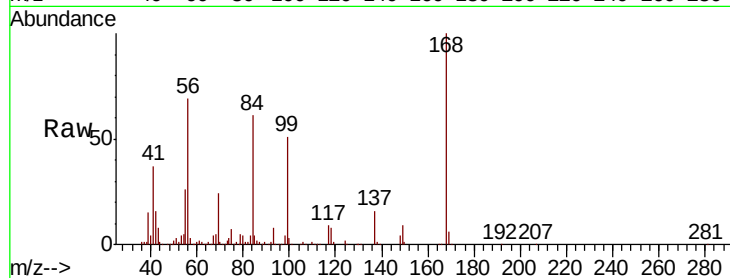
ClientSampleId :

Tot Ion:168 Resp: 635974

Ion Ratio Lower Upper

168 100

99 50.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

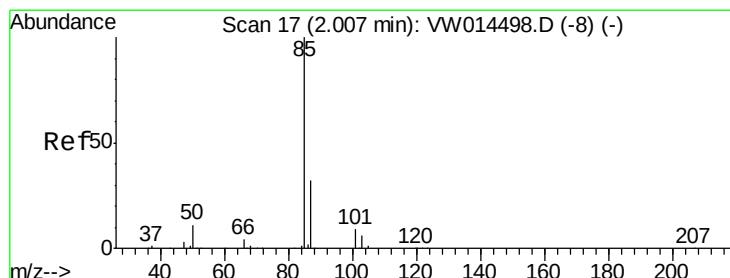
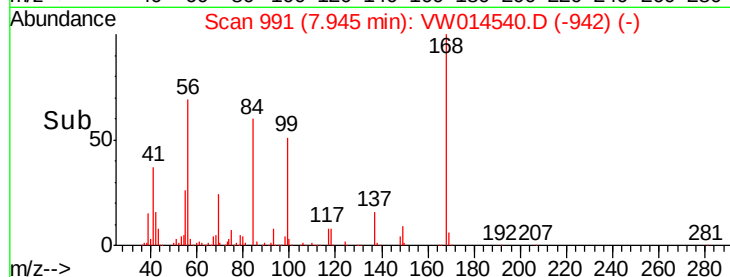
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.790 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014540.D

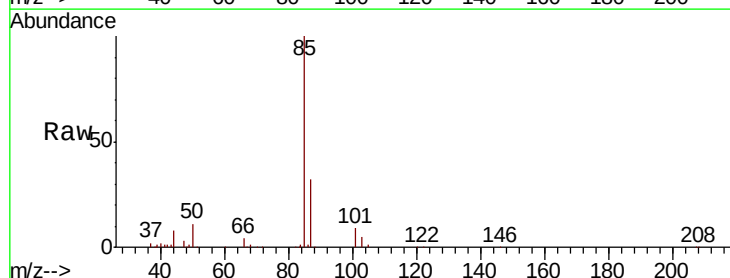
Acq: 07 Jan 2020 10:16

Tgt Ion: 85 Resp: 175197

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

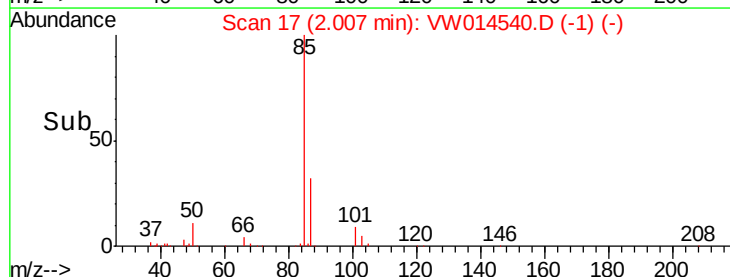
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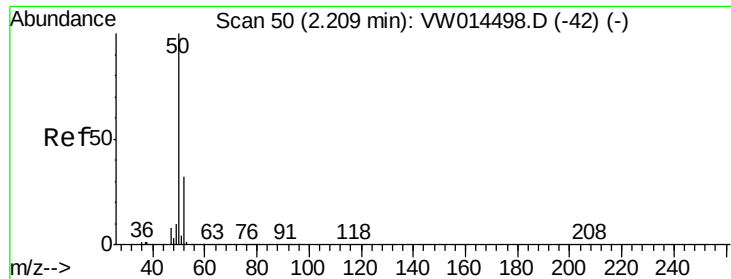
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.856 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

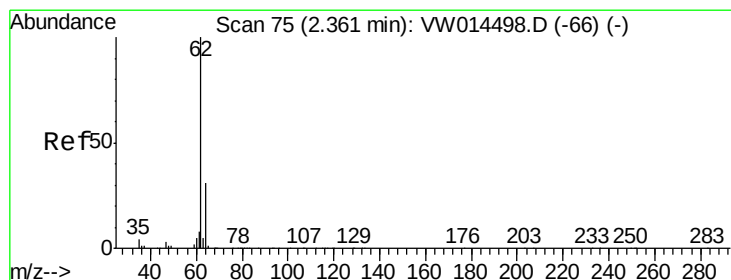
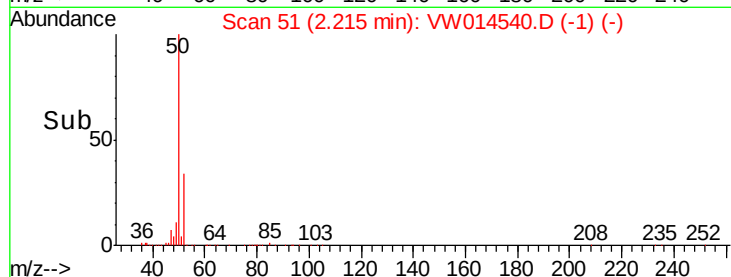
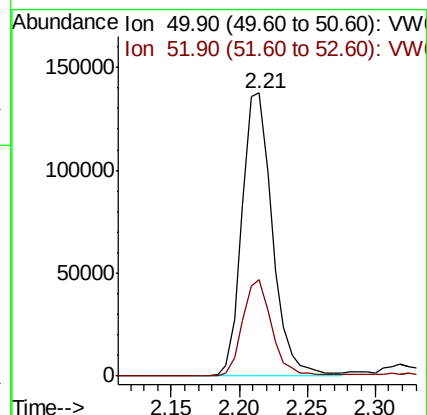
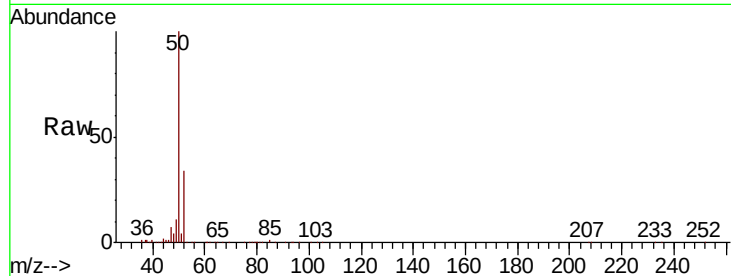
ClientSampled :

Tot Ion: 50 Resp: 214738

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.8



#4

Vinyl Chloride

Concen: 50.151 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014540.D

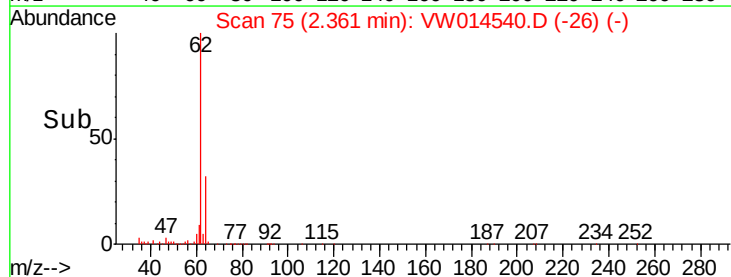
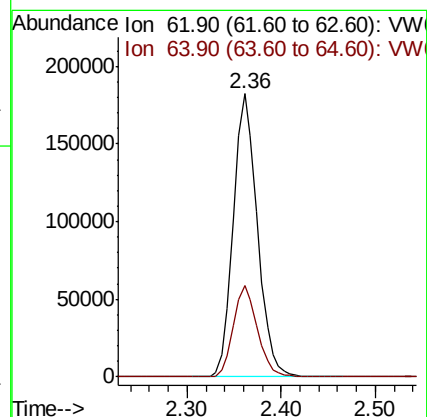
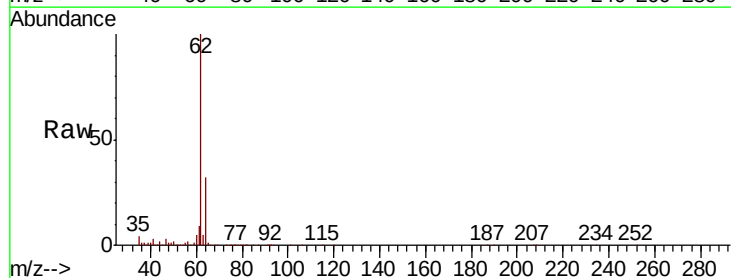
Acq: 07 Jan 2020 10:16

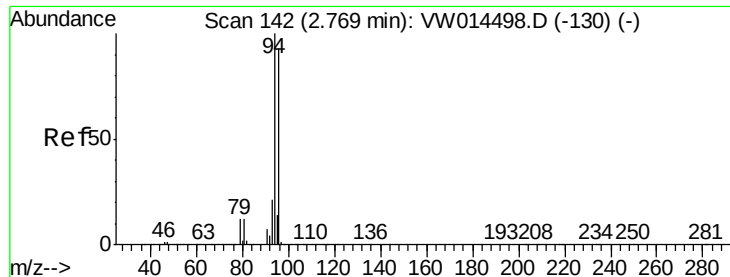
Tgt Ion: 62 Resp: 324209

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 51.322 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

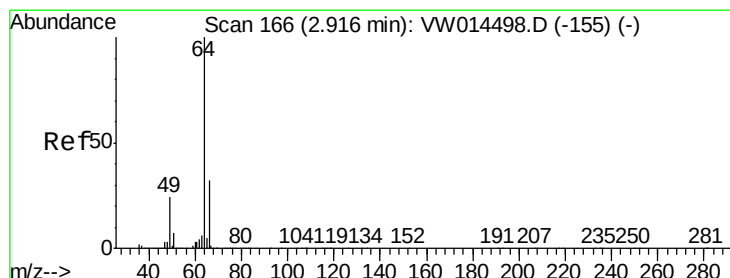
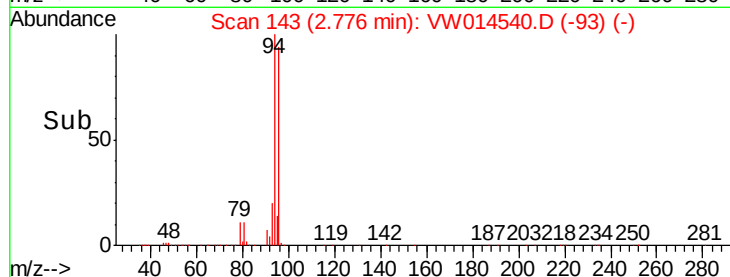
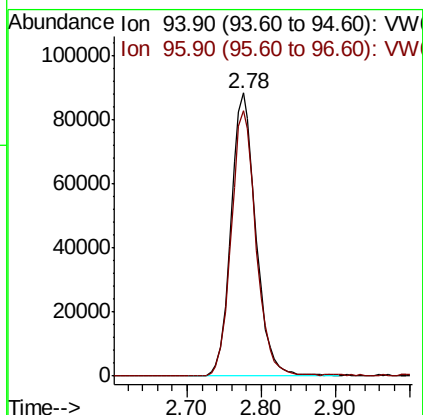
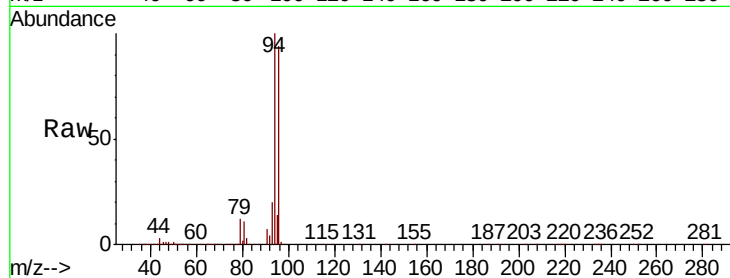
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 204956

Ion Ratio Lower Upper

94 100

96 93.7 74.2 111.2



#6

Chloroethane

Concen: 51.390 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014540.D

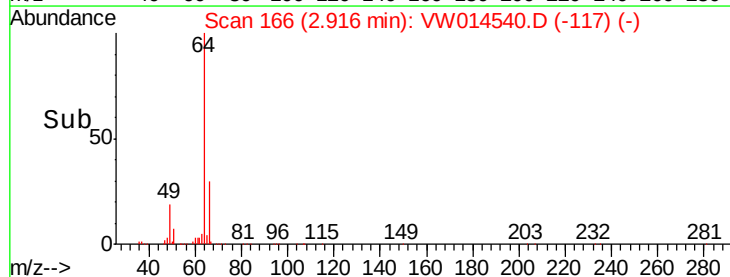
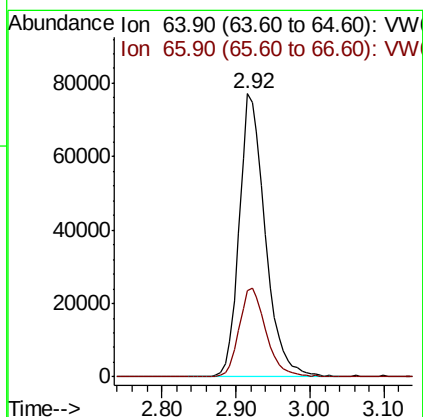
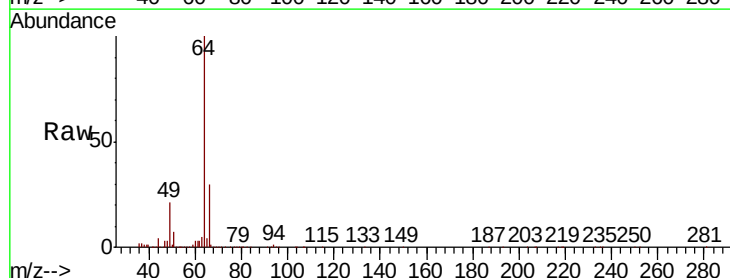
Acq: 07 Jan 2020 10:16

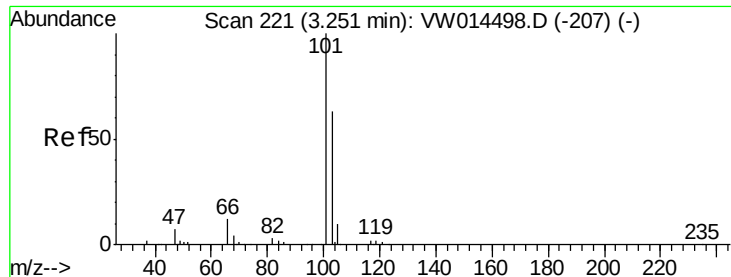
Tgt Ion: 64 Resp: 189380

Ion Ratio Lower Upper

64 100

66 30.2 25.7 38.5



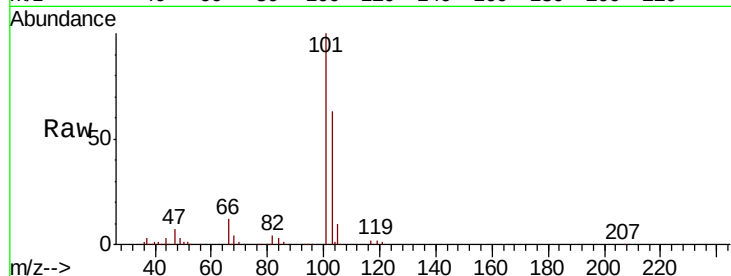


#7

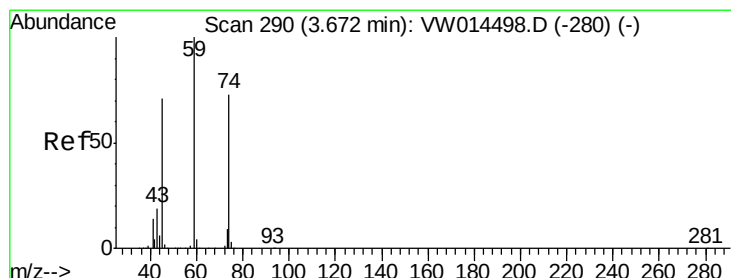
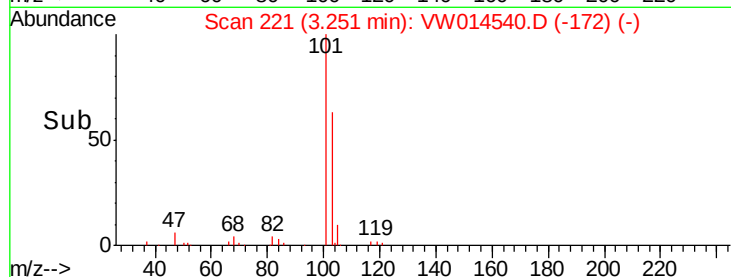
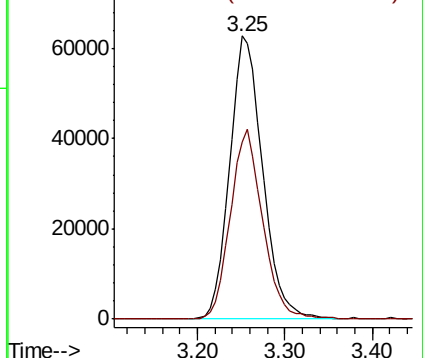
Trichlorofluoromethane
Concen: 50.751 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:101 Resp: 164154
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1



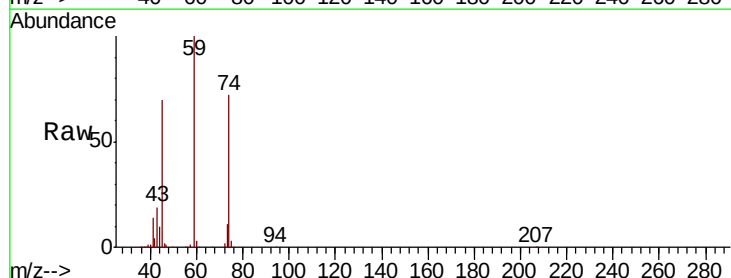
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



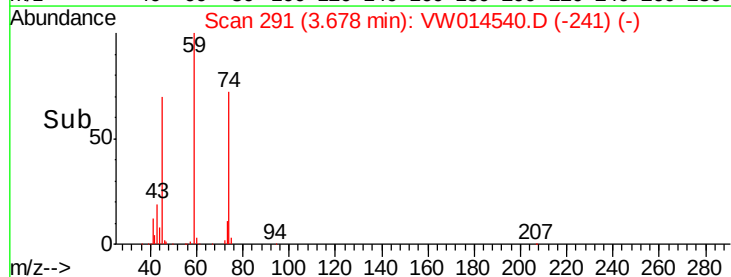
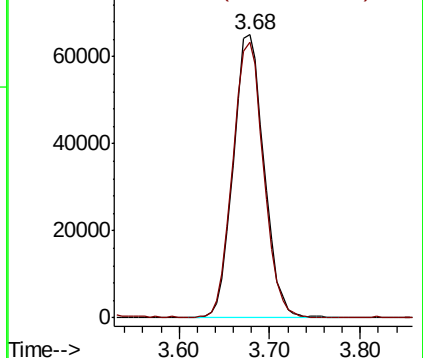
#8

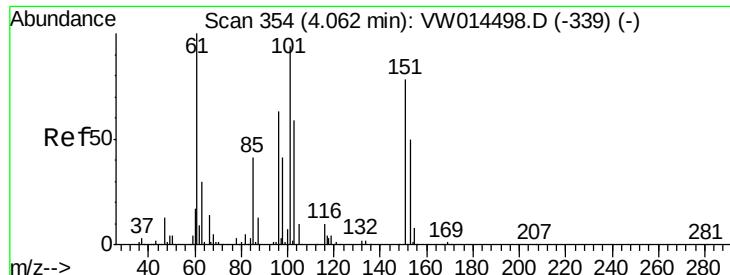
Diethyl Ether
Concen: 47.508 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 74 Resp: 152891
Ion Ratio Lower Upper
74 100
45 97.8 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.786 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

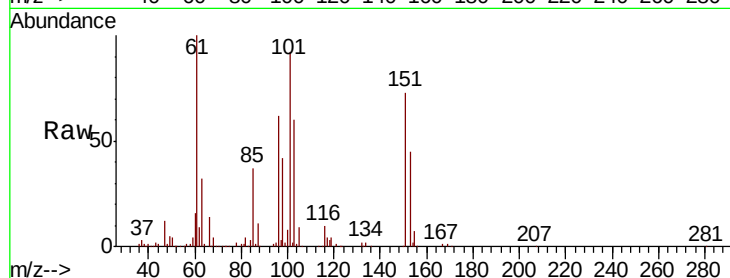
Tot Ion:101 Resp: 294843

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

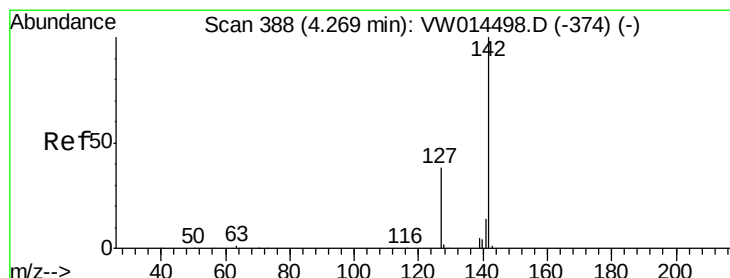
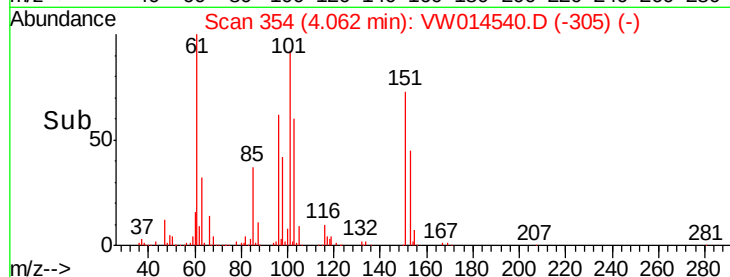
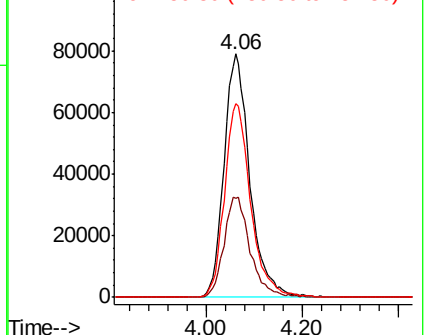
151 80.5 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.155 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

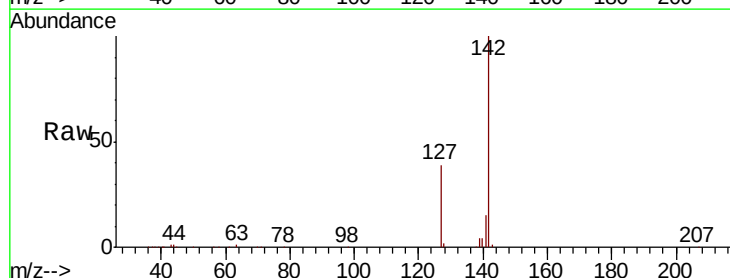
Tgt Ion:142 Resp: 448226

Ion Ratio Lower Upper

142 100

127 38.7 30.2 45.4

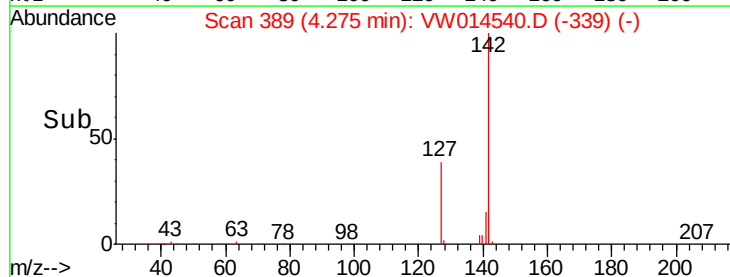
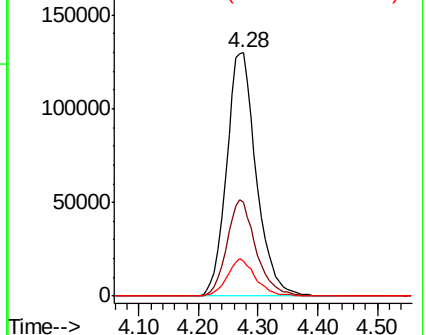
141 14.6 11.4 17.2

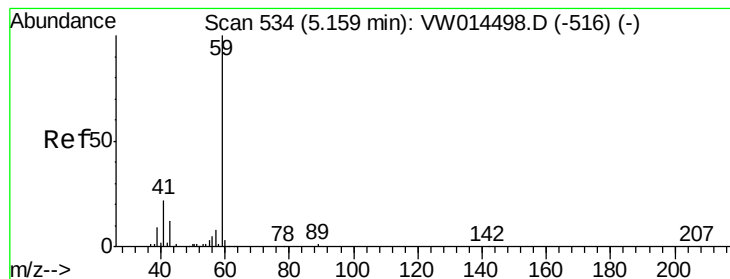


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



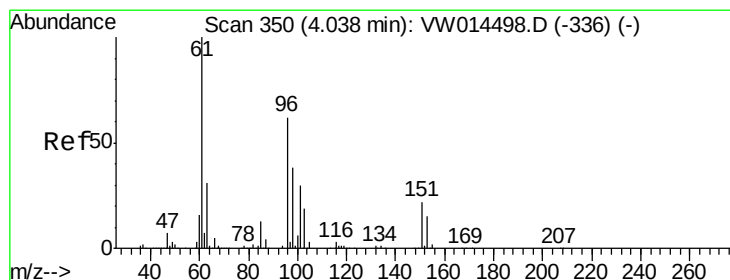
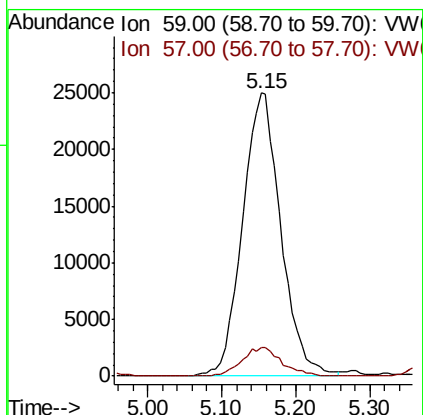
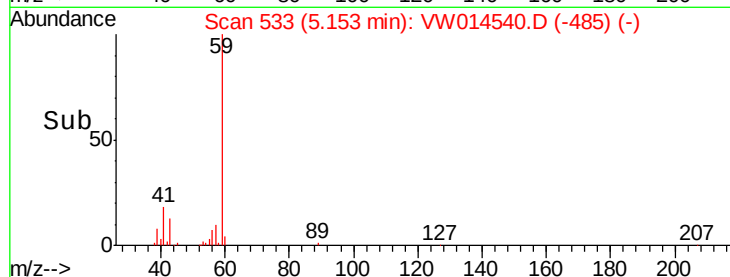
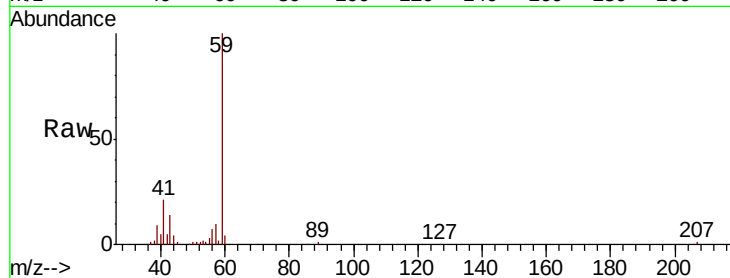


#11

Tert butyl alcohol
Concen: 206.010 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :

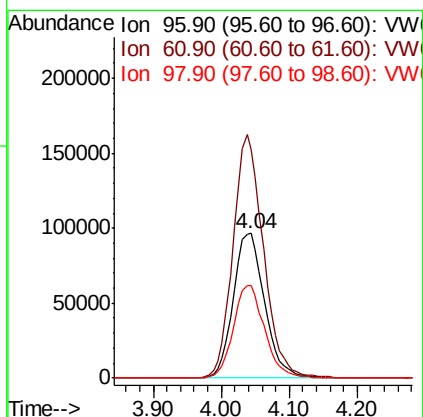
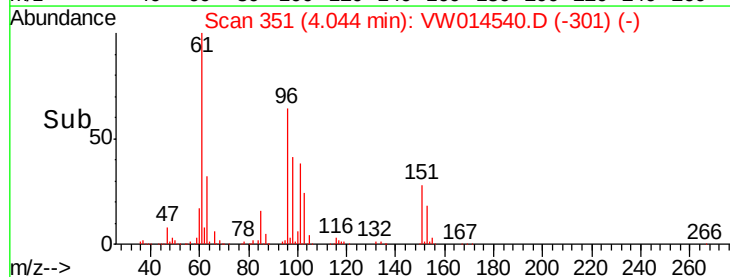
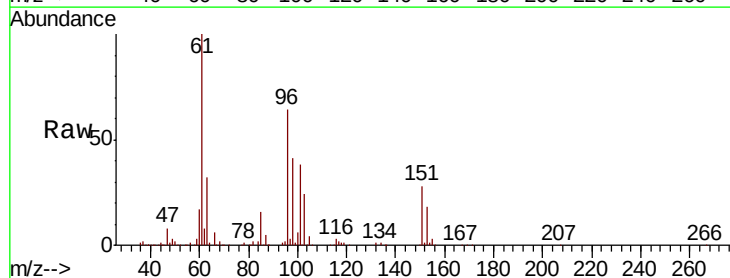
Tot Ion: 59 Resp: 90052
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8

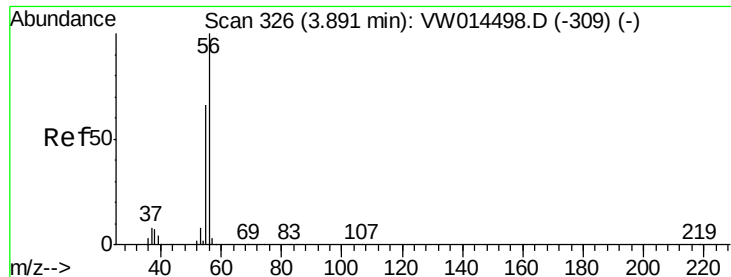


#12

1,1-Dichloroethene
Concen: 48.919 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 96 Resp: 309603
Ion Ratio Lower Upper
96 100
61 157.3 128.4 192.6
98 63.8 49.1 73.7

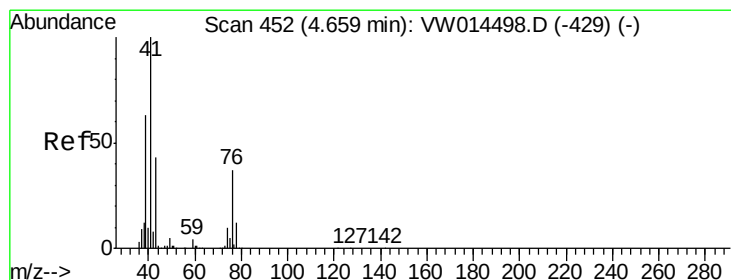
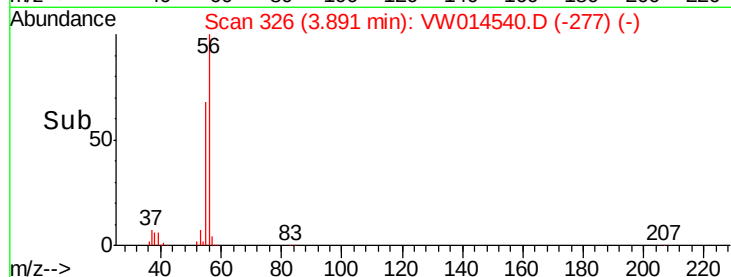
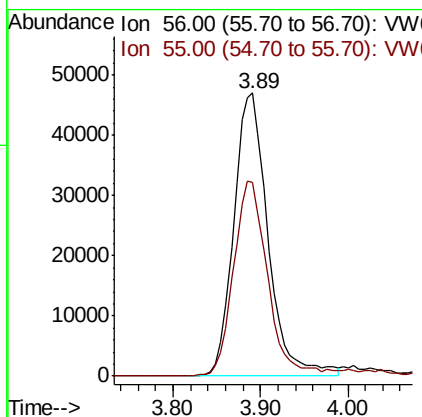
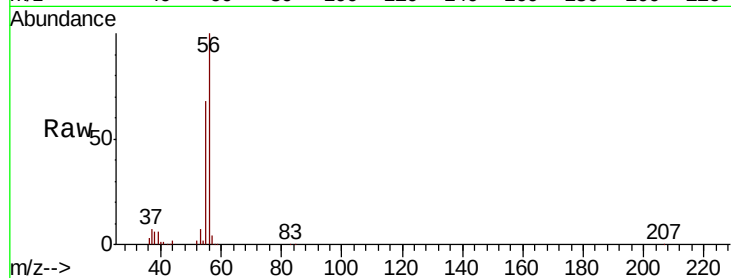




#13
Acrolein
Concen: 263.389 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

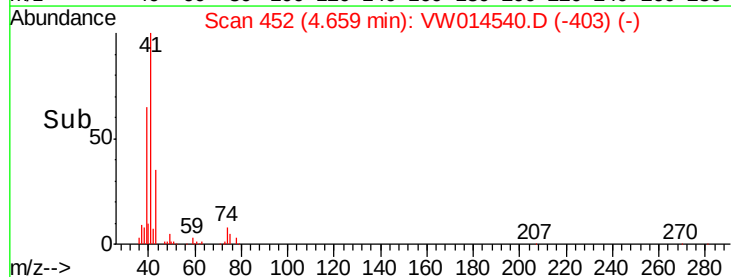
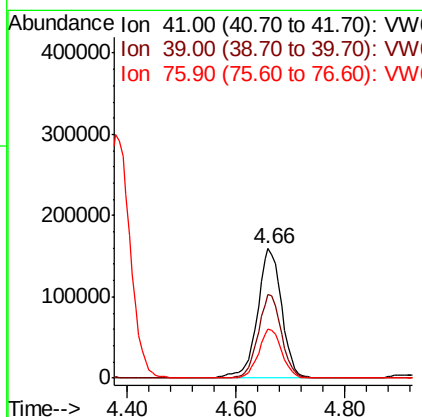
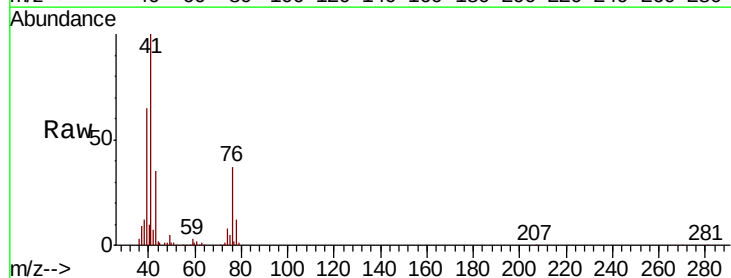
Instrument :
MSVOA_W
ClientSampleId :

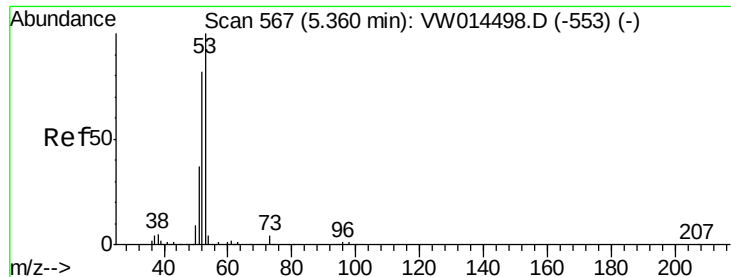
Tot Ion: 56 Resp: 127827
Ion Ratio Lower Upper
56 100
55 68.4 56.7 85.1



#14
Allyl chloride
Concen: 51.024 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 41 Resp: 493481
Ion Ratio Lower Upper
41 100
39 61.7 48.5 72.7
76 35.4 28.1 42.1





#15

Acrylonitrile

Concen: 229.907 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

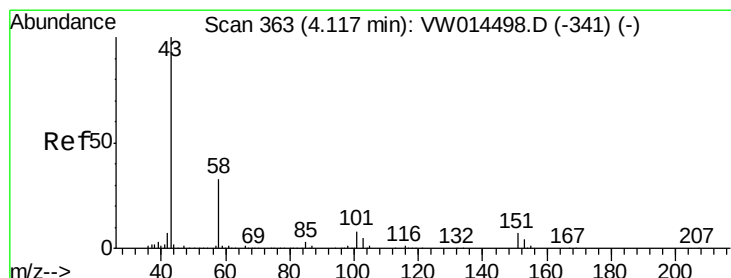
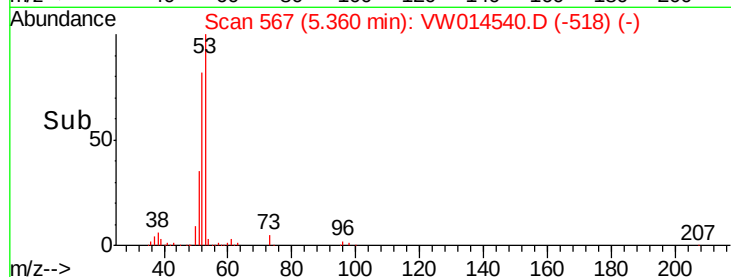
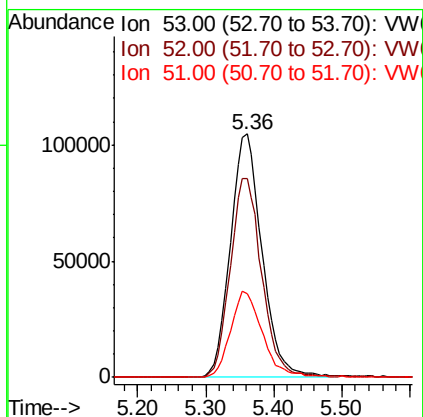
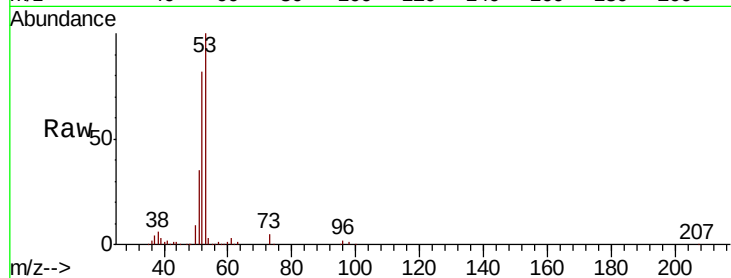
Tot Ion: 53 Resp: 338203

Ion Ratio Lower Upper

53 100

52 81.7 66.5 99.7

51 35.5 28.4 42.6



#16

Acetone

Concen: 255.792 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014540.D

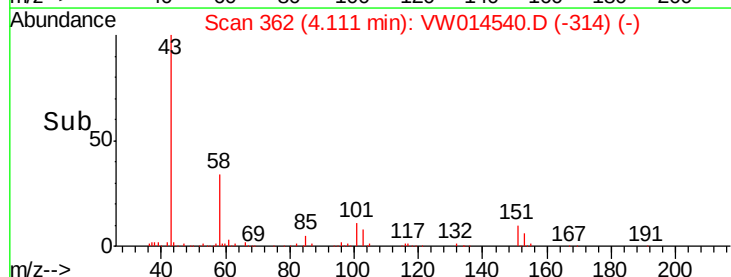
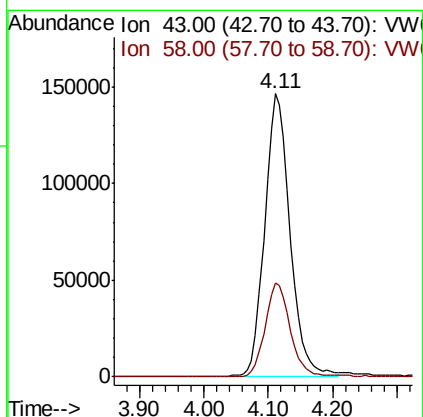
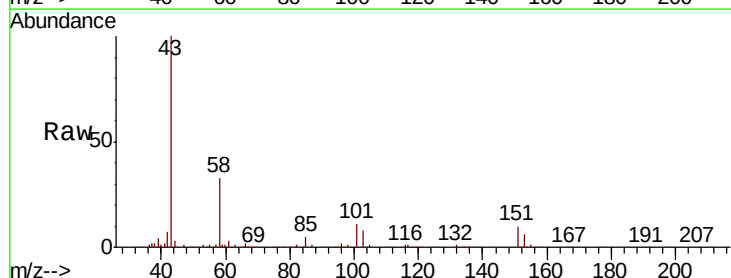
Acq: 07 Jan 2020 10:16

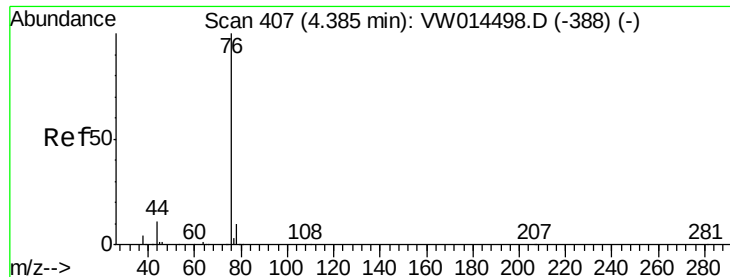
Tgt Ion: 43 Resp: 401613

Ion Ratio Lower Upper

43 100

58 33.3 26.6 39.8





#17

Carbon Disulfide

Concen: 49.239 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

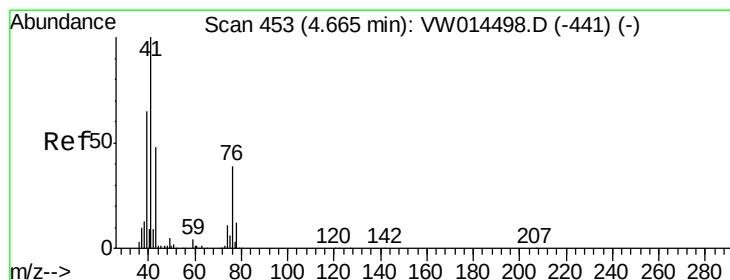
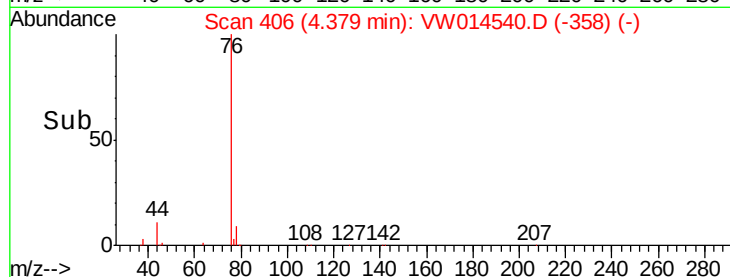
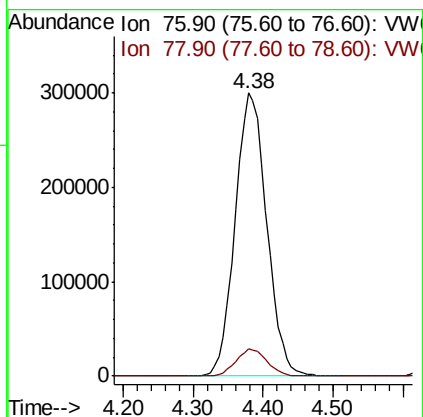
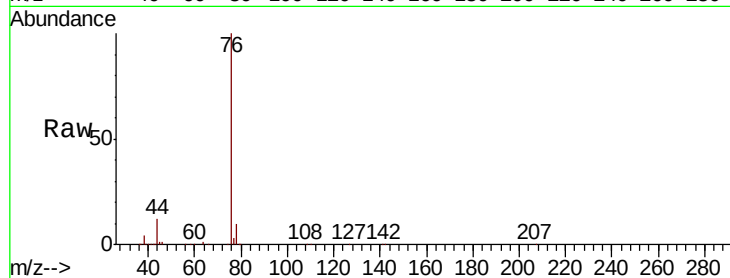
ClientSampleId :

Tot Ion: 76 Resp: 939247

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.6



#18

Methyl Acetate

Concen: 44.562 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014540.D

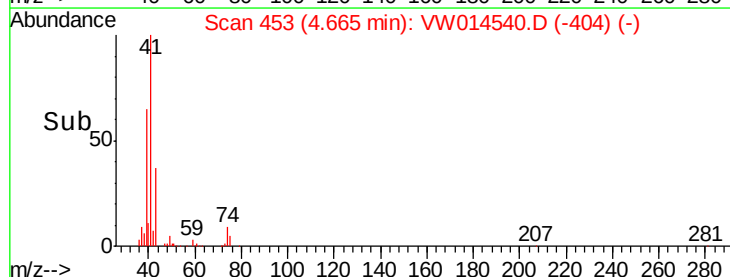
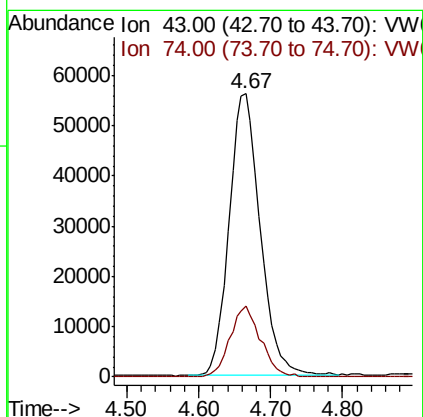
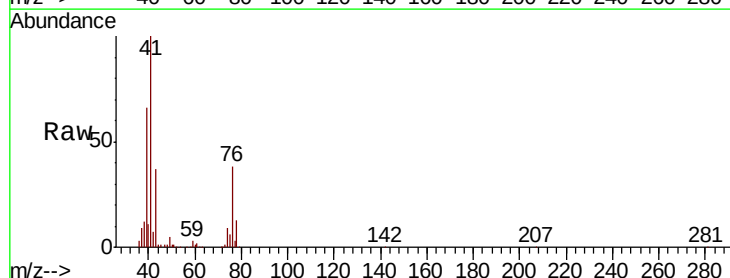
Acq: 07 Jan 2020 10:16

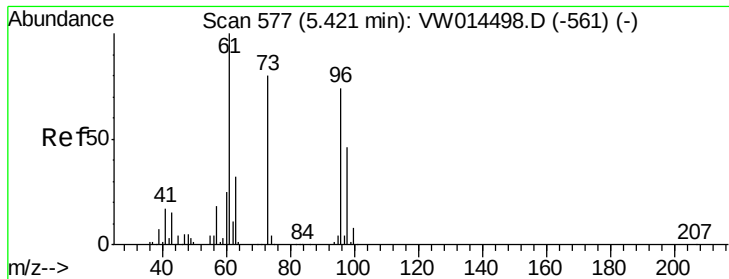
Tgt Ion: 43 Resp: 168976

Ion Ratio Lower Upper

43 100

74 24.7 19.3 28.9

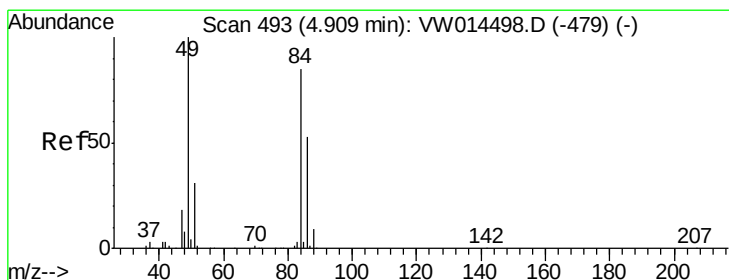
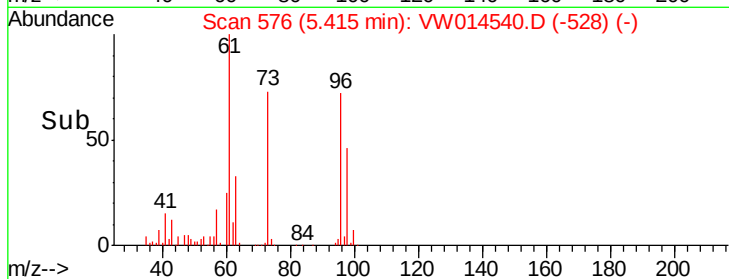
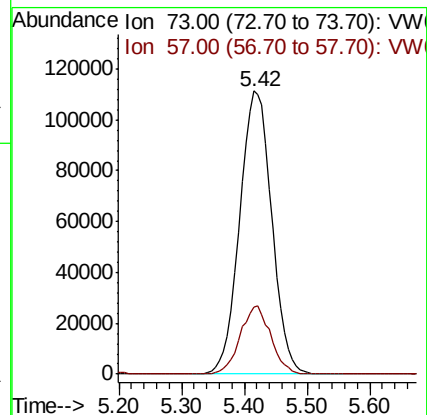
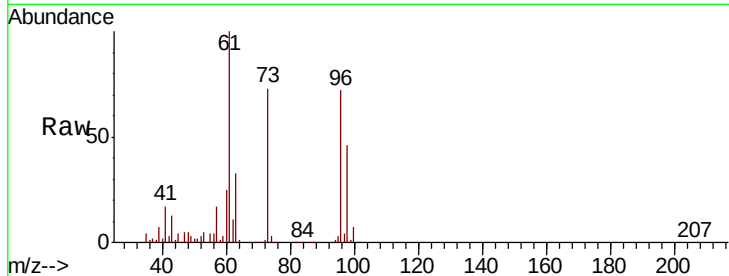




#19
Methyl tert-butyl Ether
Concen: 50.100 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

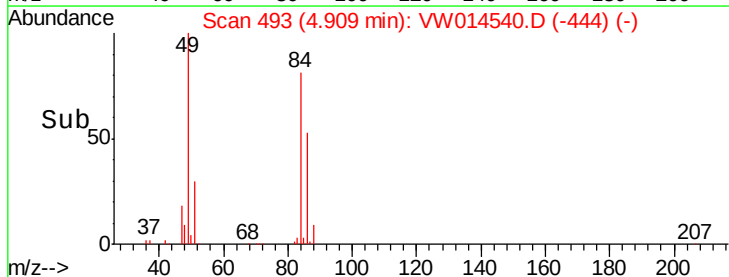
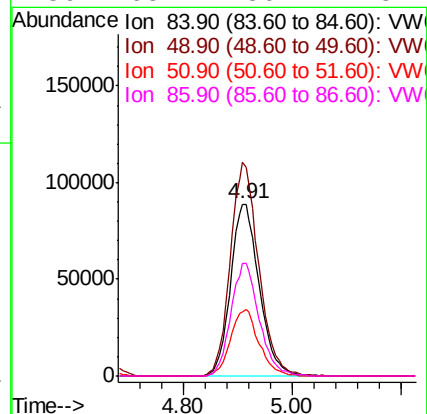
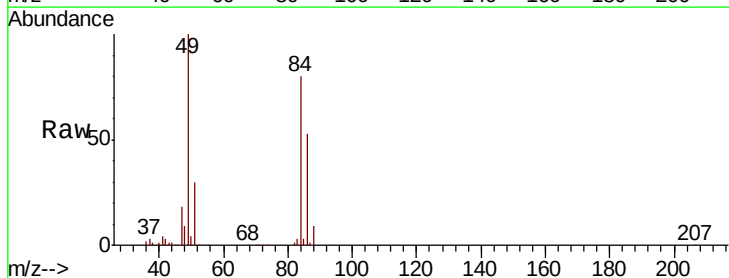
Instrument :
MSVOA_W
ClientSampled :

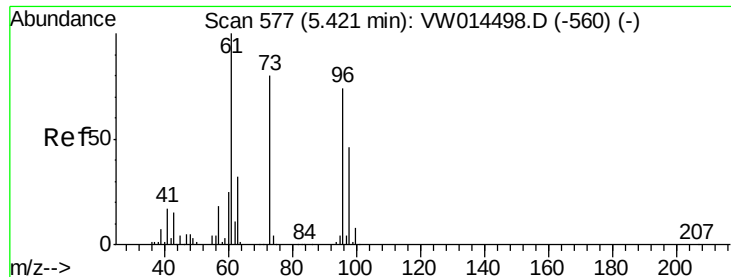
Tot Ion: 73 Resp: 393598
Ion Ratio Lower Upper
73 100
57 23.7 18.1 27.1



#20
Methylene Chloride
Concen: 51.428 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 84 Resp: 325776
Ion Ratio Lower Upper
84 100
49 124.3 94.4 141.6
51 37.6 29.5 44.3
86 65.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.450 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

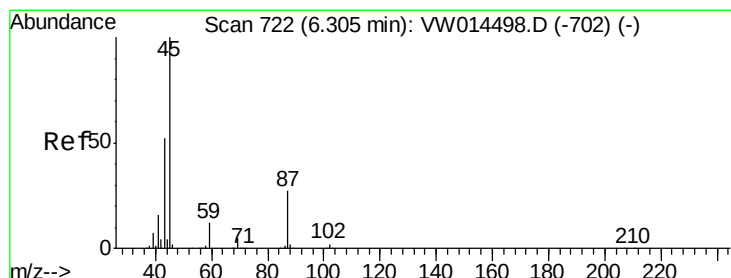
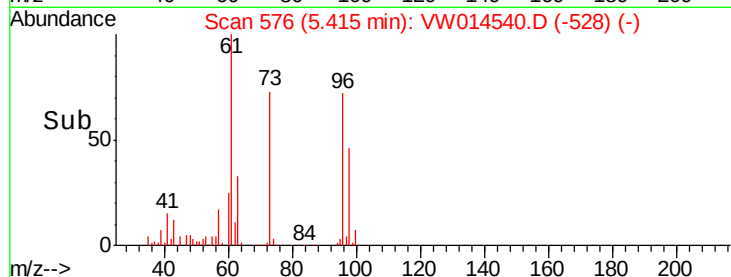
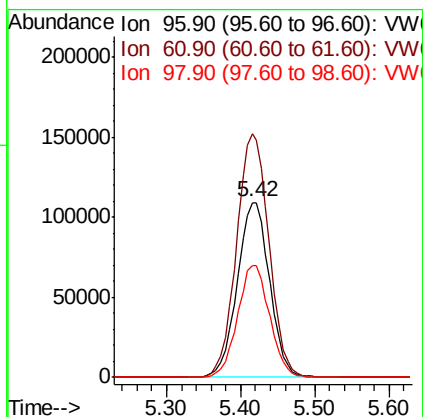
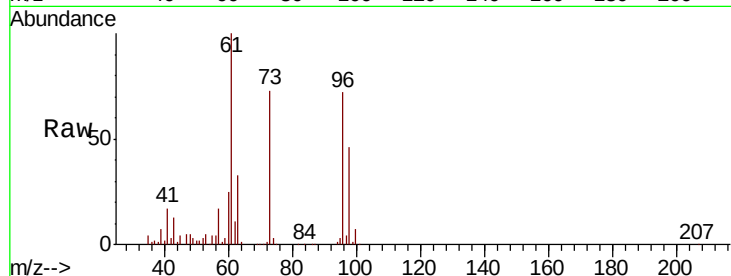
Tot Ion: 96 Resp: 332314

Ion Ratio Lower Upper

96 100

61 139.2 107.8 161.6

98 64.2 49.4 74.0



#22

Diisopropyl ether

Concen: 51.118 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion: 45 Resp: 925374

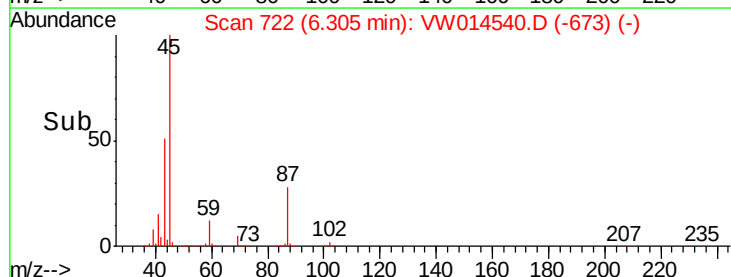
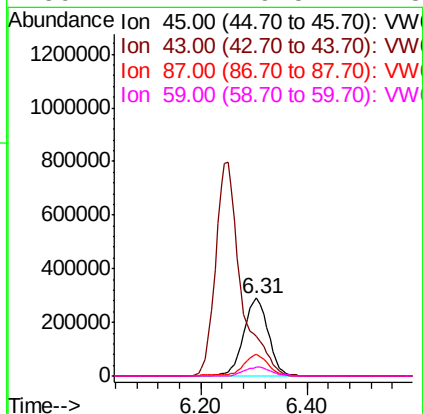
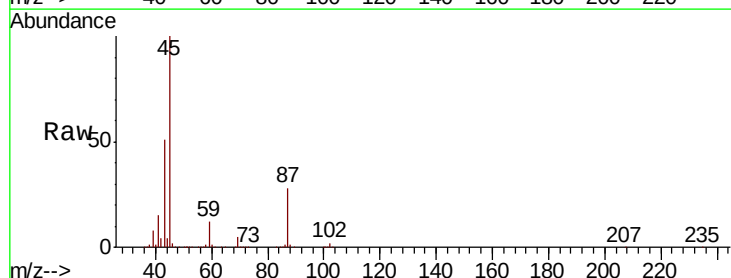
Ion Ratio Lower Upper

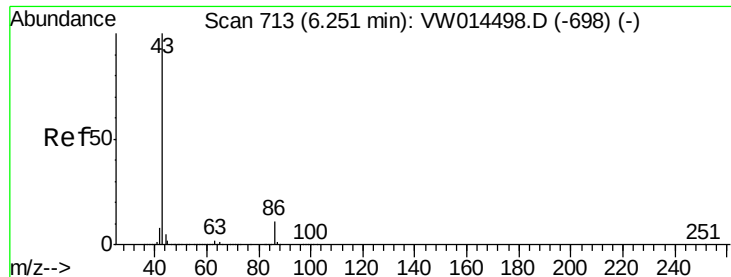
45 100

43 50.7 41.4 62.0

87 27.5 22.2 33.2

59 11.7 9.5 14.3





#23

Vinyl Acetate

Concen: 241.893 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

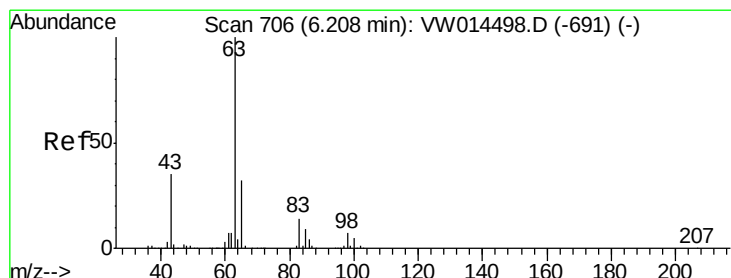
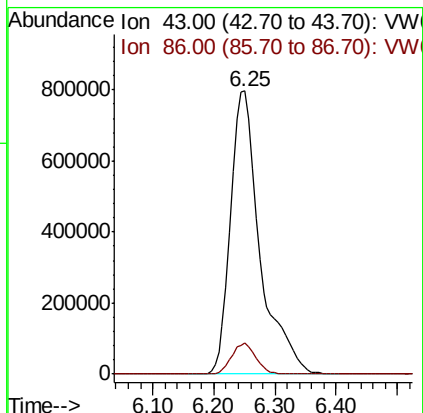
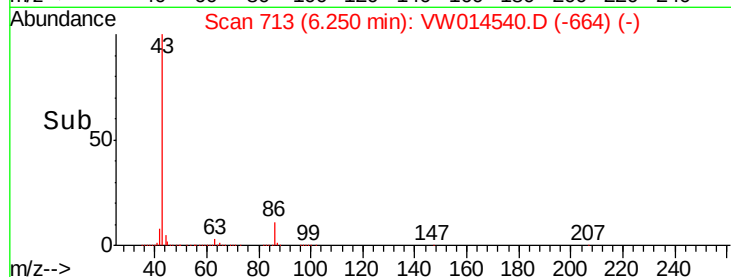
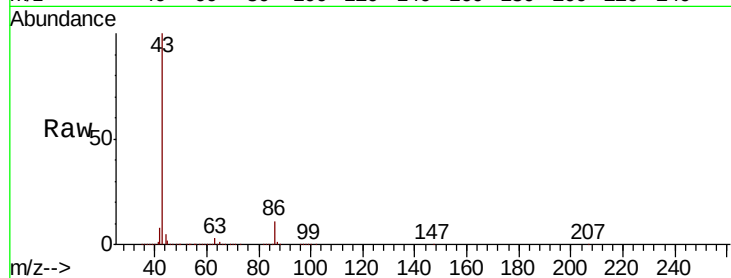
ClientSampleId :

Tot Ion: 43 Resp: 2644232

Ion Ratio Lower Upper

43 100

86 10.9 8.8 13.2



#24

1,1-Dichloroethane

Concen: 50.251 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

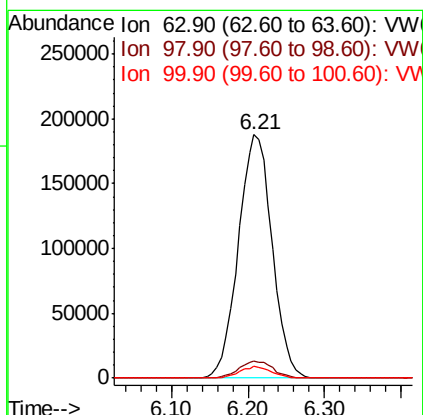
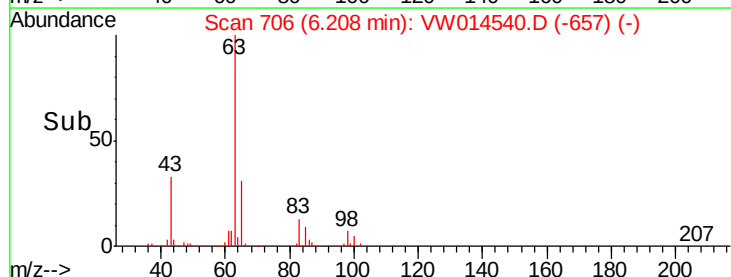
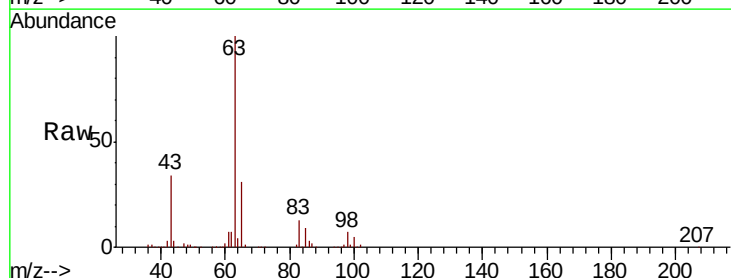
Tgt Ion: 63 Resp: 573807

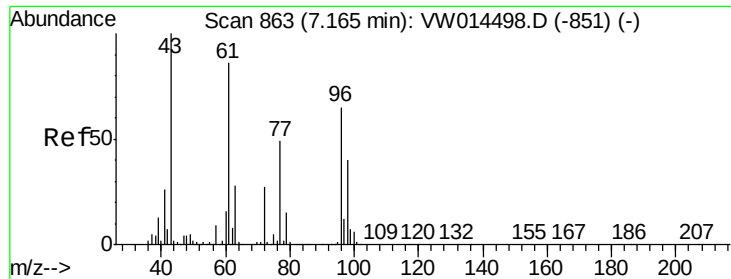
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.7 2.5 7.4

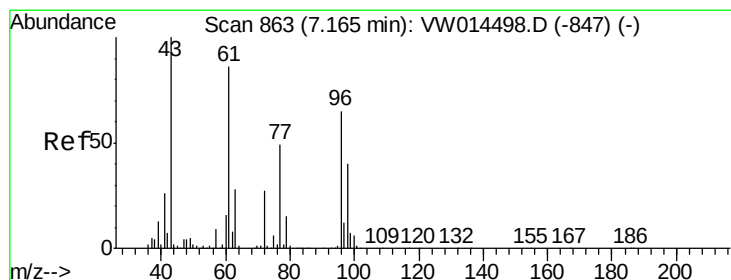
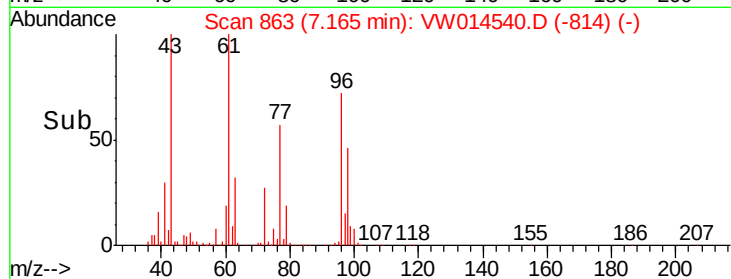
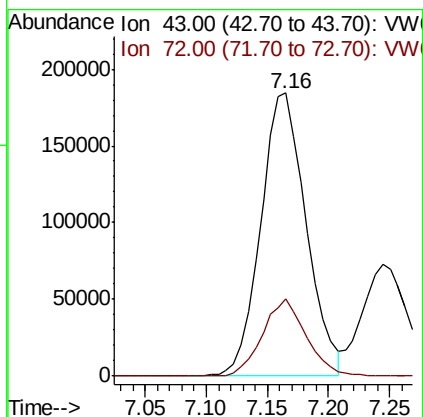
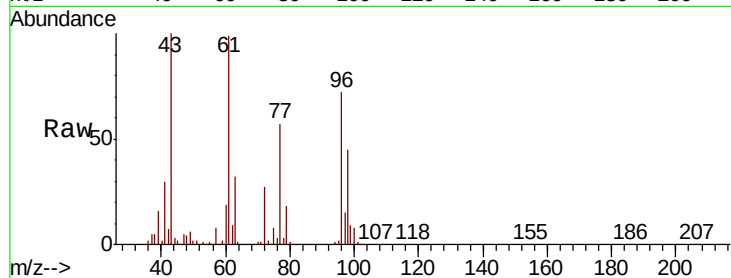




#25
2-Butanone
Concen: 235.861 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

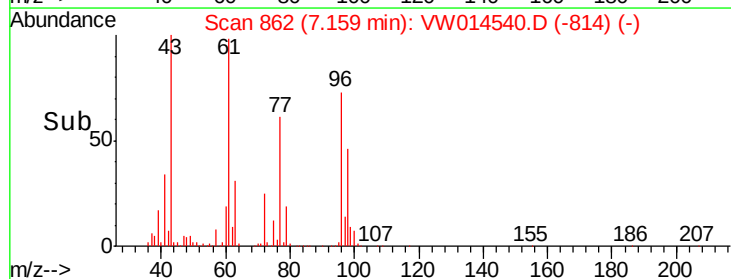
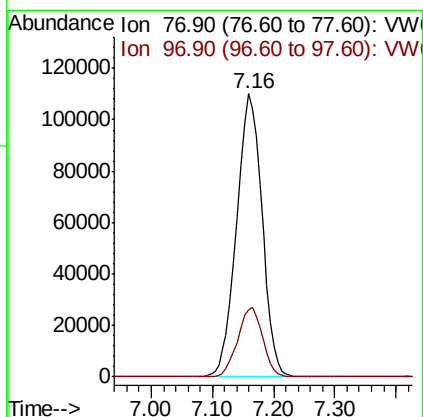
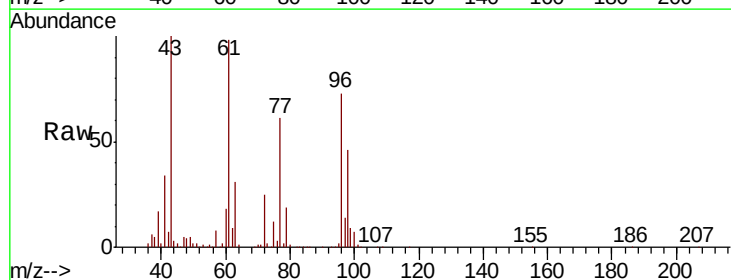
Instrument :
MSVOA_W
ClientSampled :

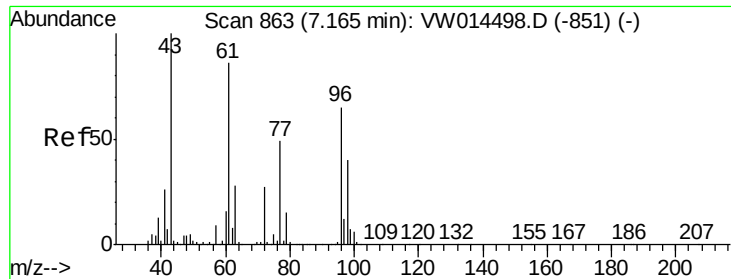
Tot Ion: 43 Resp: 475241
Ion Ratio Lower Upper
43 100
72 27.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 50.227 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 77 Resp: 317537
Ion Ratio Lower Upper
77 100
97 23.9 12.5 37.5



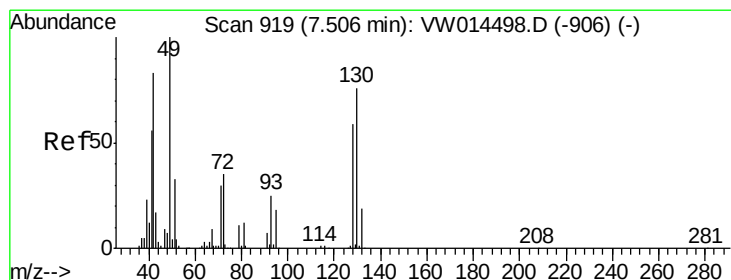
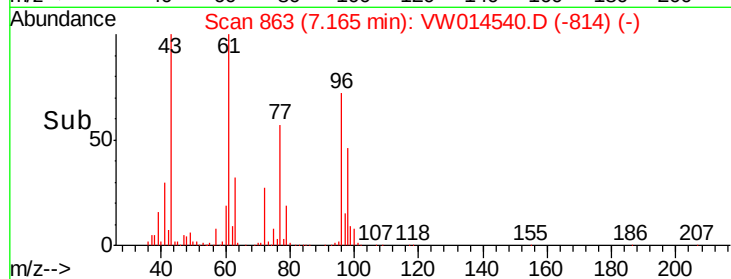
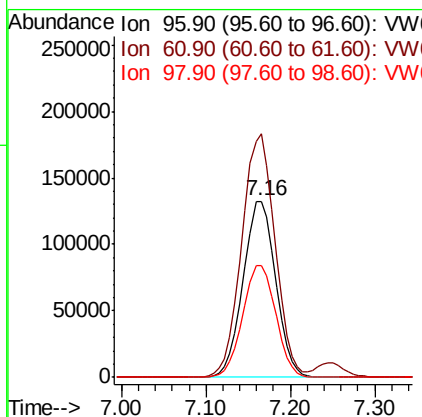
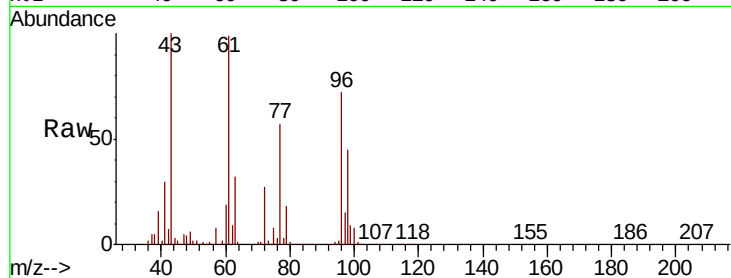


#27

cis-1,2-Dichloroethene
 Concen: 49.225 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampled :

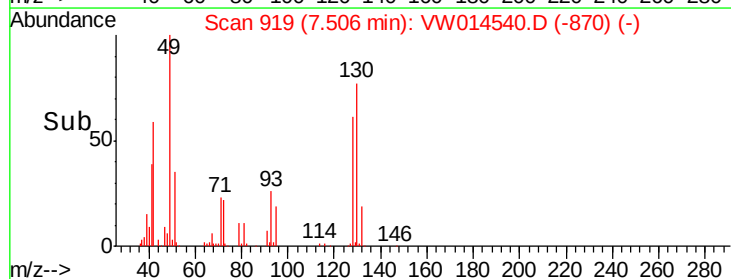
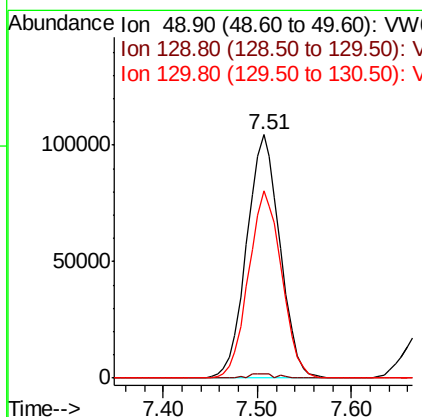
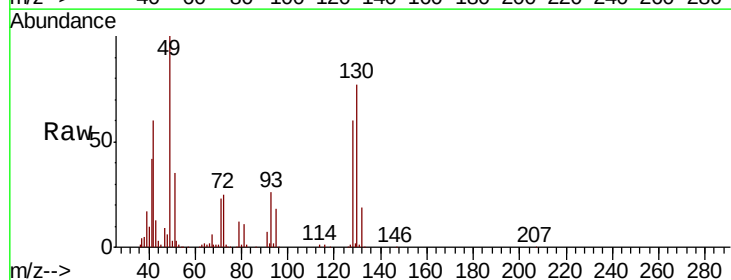
Tot Ion	96	Resp	347588
Ion Ratio	Lower	Upper	
96	100		
61	141.2	0.0	274.8
98	64.2	0.0	128.6

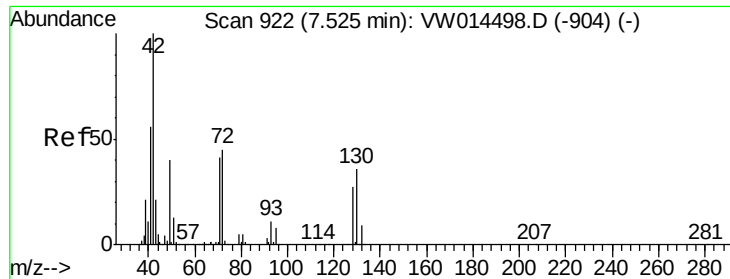


#28

Bromochloromethane
 Concen: 57.764 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	49	Resp	258597
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	2.0
130	77.1	62.5	93.7

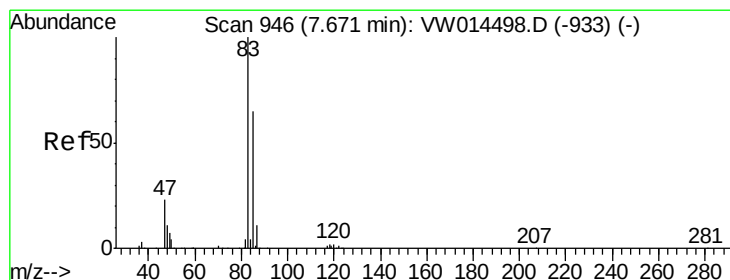
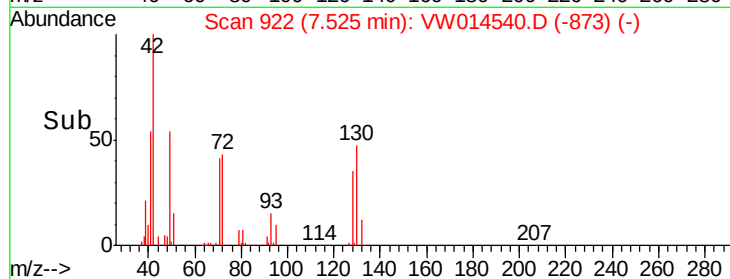
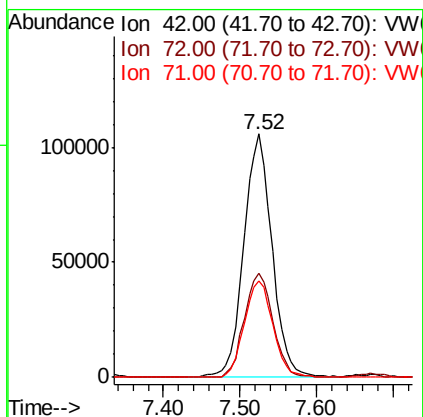
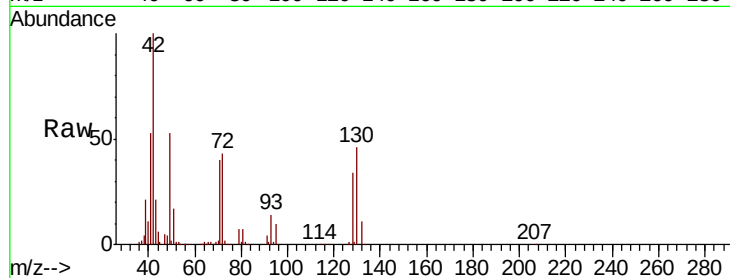




#29
Tetrahydrofuran
Concen: 216.789 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

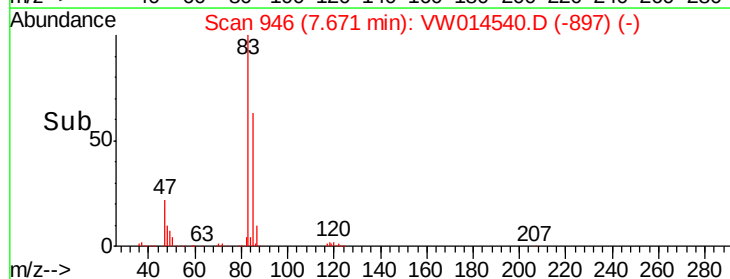
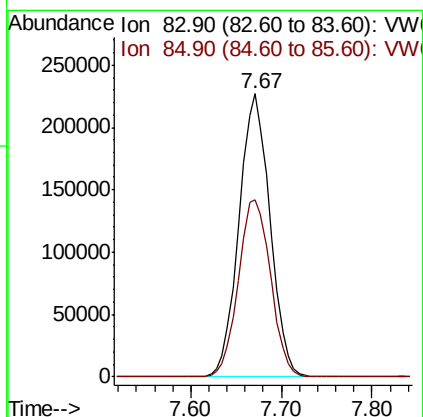
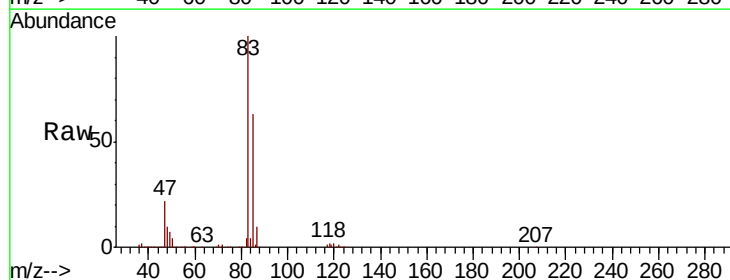
Instrument :
MSVOA_W
ClientSampleId :

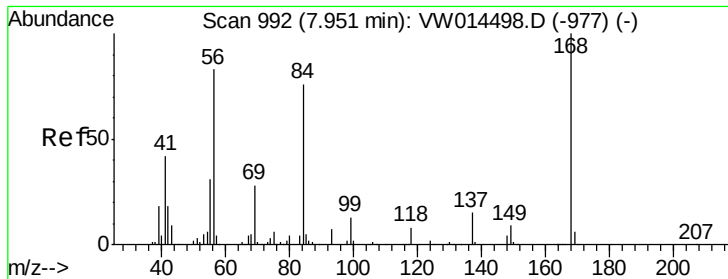
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.5	51.7
71	40.5	32.0	48.0



#30
Chloroform
Concen: 50.472 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.2	78.2

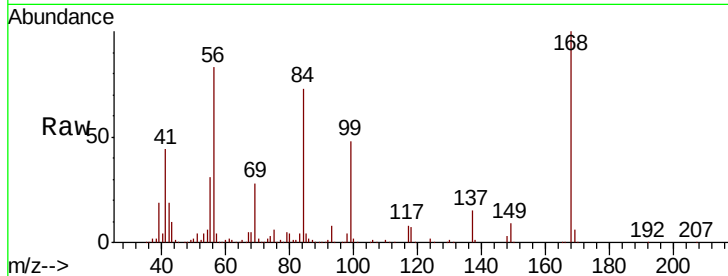




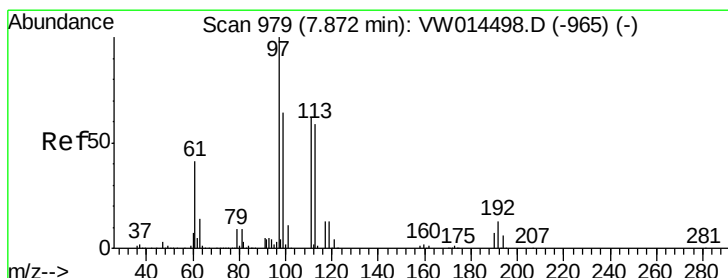
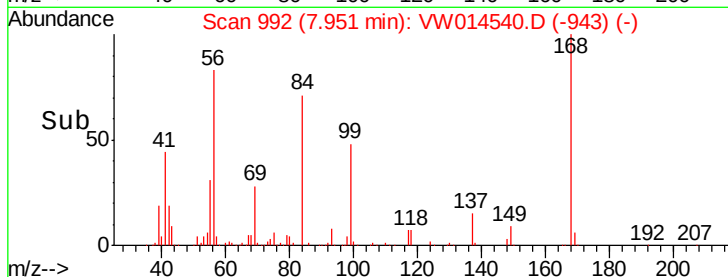
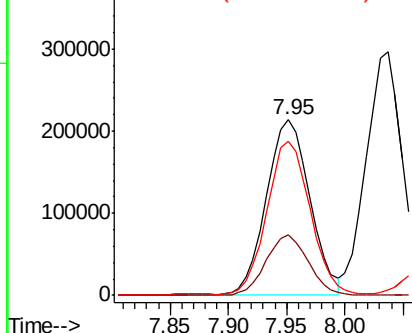
#31
Cyclohexane
Concen: 46.825 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 555667
Ion Ratio Lower Upper
56 100
69 34.3 26.8 40.2
84 86.5 71.8 107.6

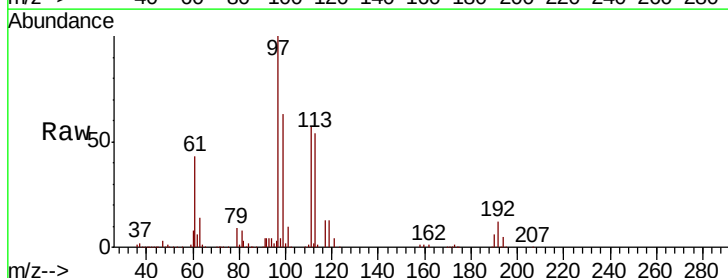


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

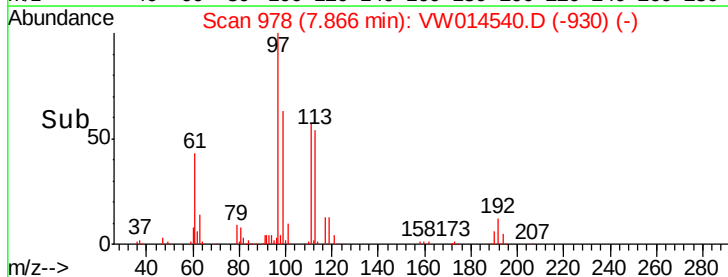
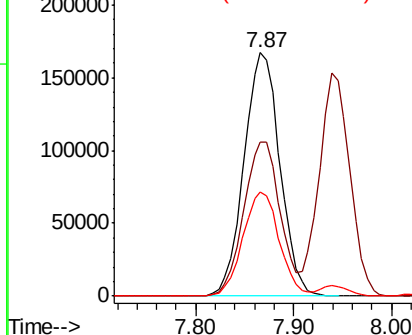


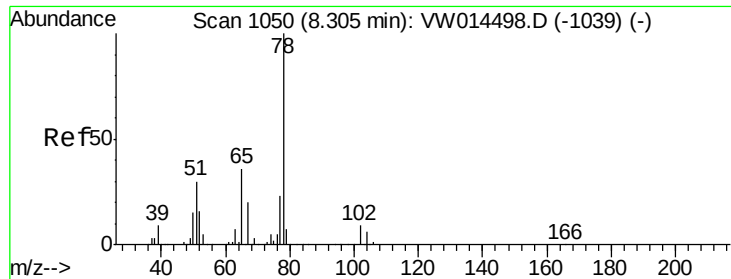
#32
1,1,1-Trichloroethane
Concen: 49.440 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 97 Resp: 424598
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 43.6 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

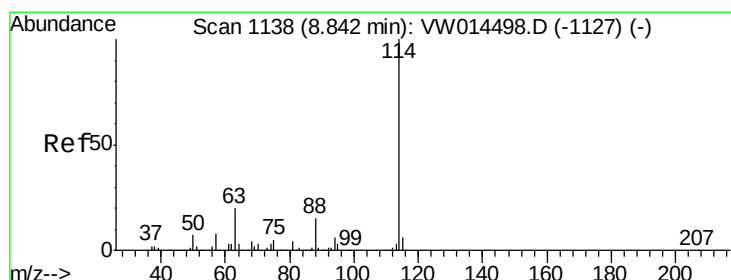
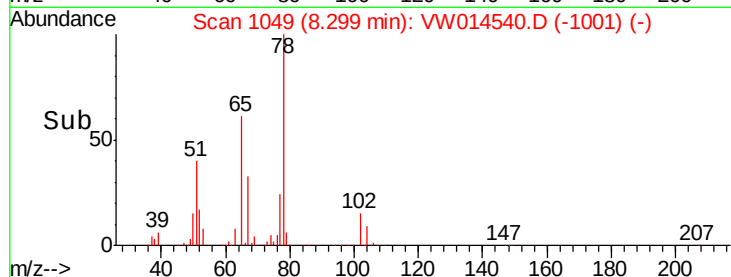
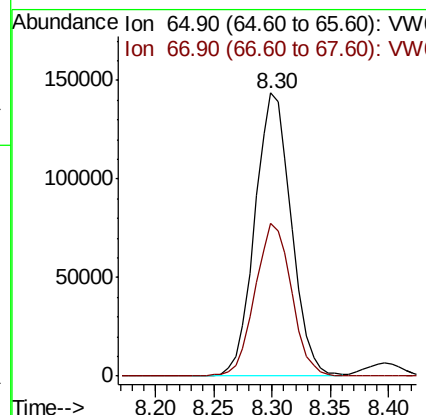
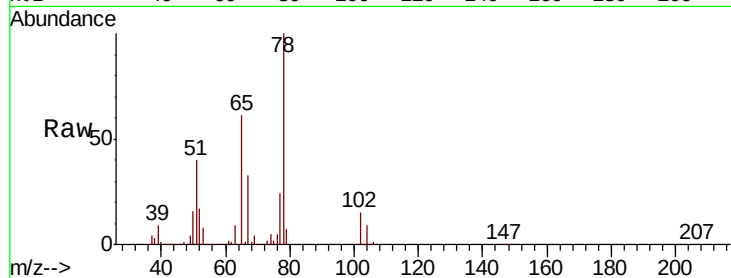




#33
 1,2-Dichloroethane-d4
 Concen: 56.352 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

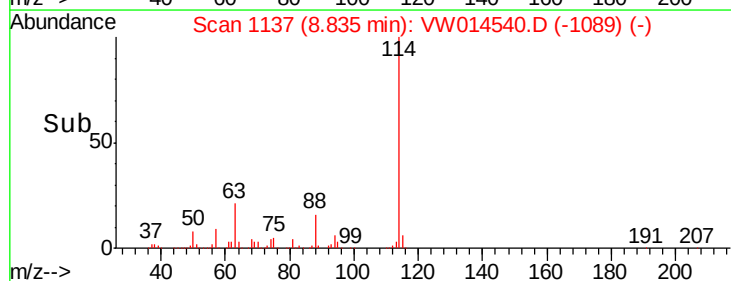
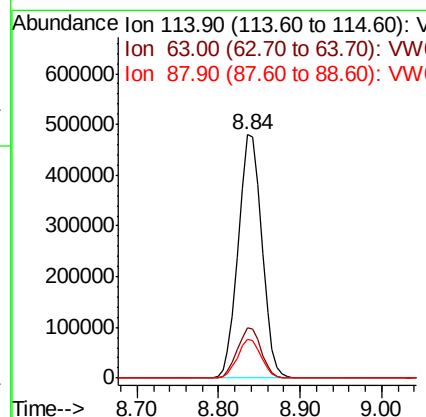
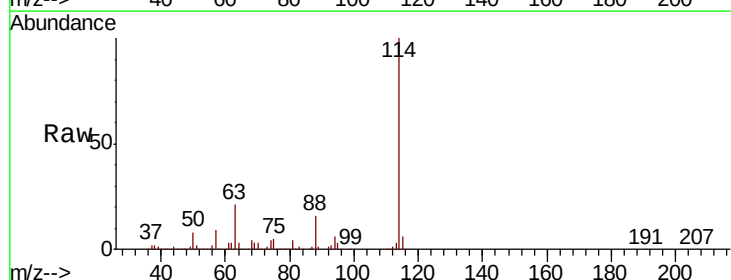
Instrument :
 MSVOA_W
 ClientSampleId :

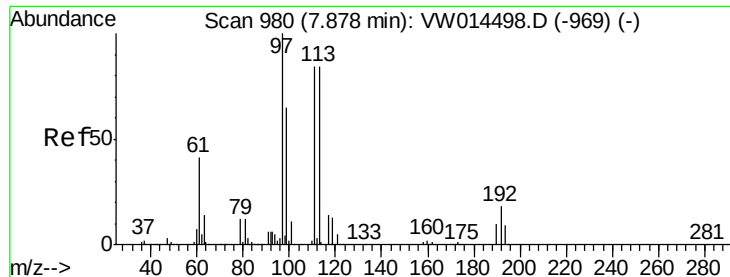
Tot Ion: 65 Resp: 313343
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion: 114 Resp: 955756
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 16.0 0.0 30.6

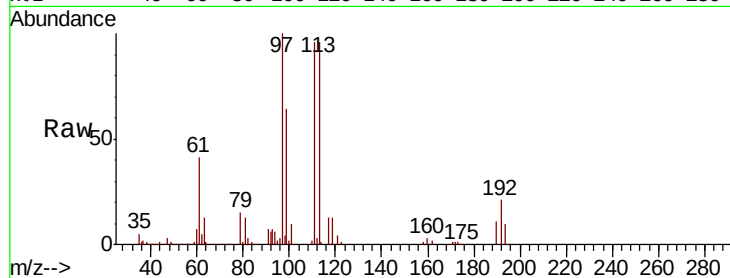




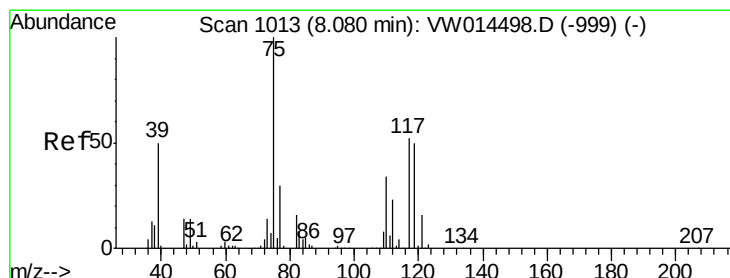
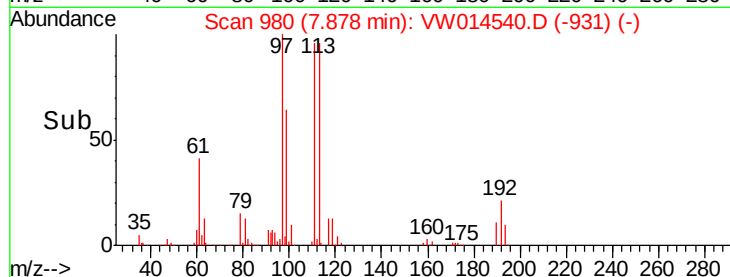
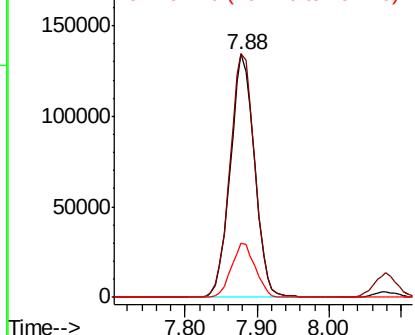
#35
 Dibromofluoromethane
 Concen: 57.456 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 313840
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.2
 192 22.1 17.8 26.8

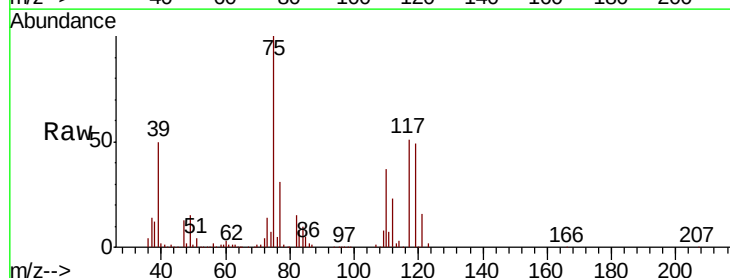


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

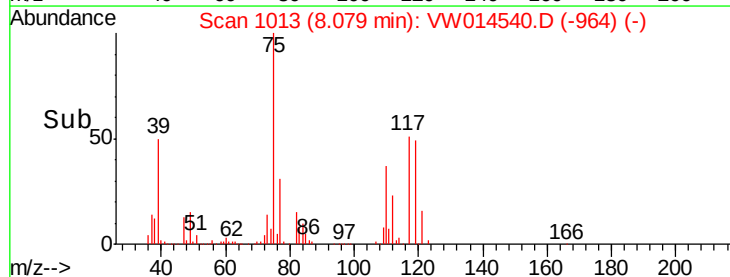
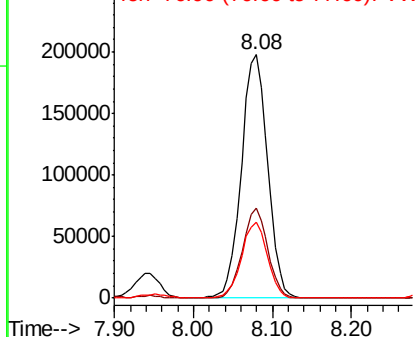


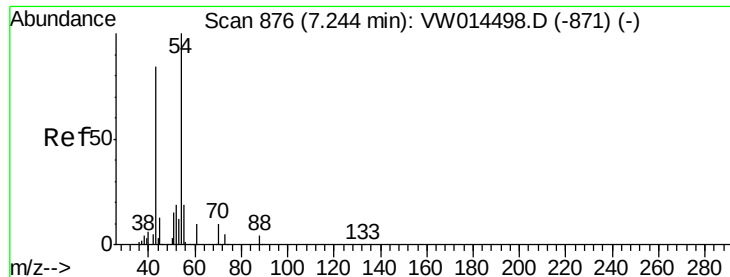
#36
 1,1-Dichloropropene
 Concen: 49.631 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion: 75 Resp: 457295
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.8 53.5
 77 30.9 24.7 37.1



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

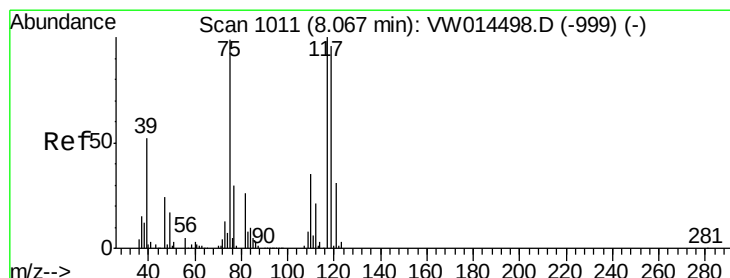
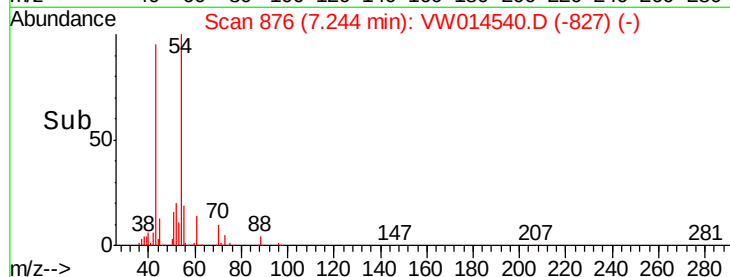
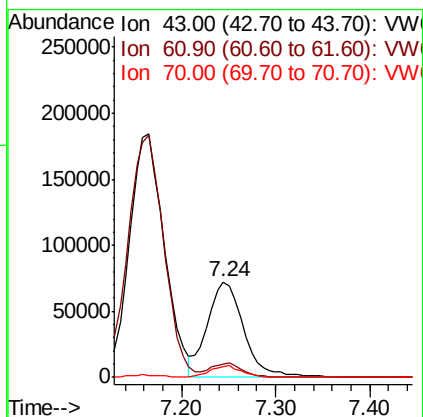
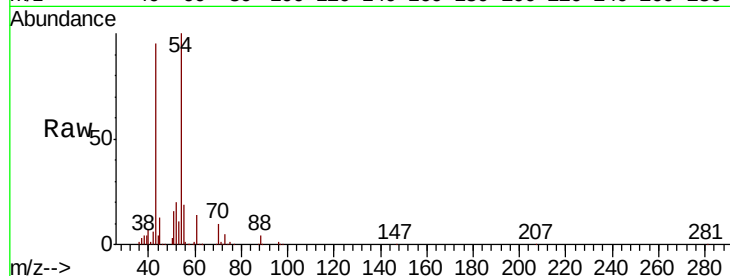




#37
Ethyl Acetate
Concen: 45.758 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

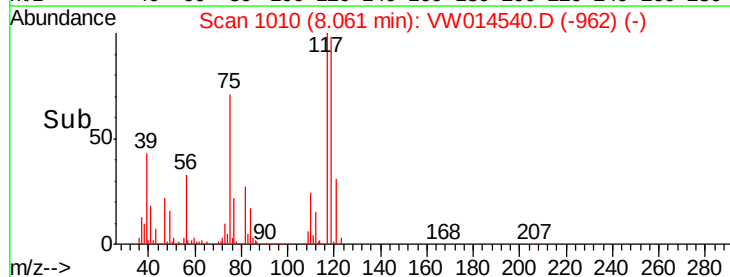
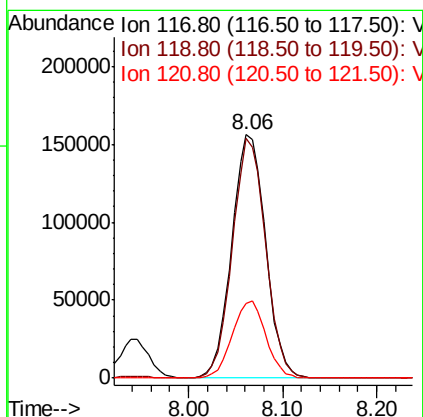
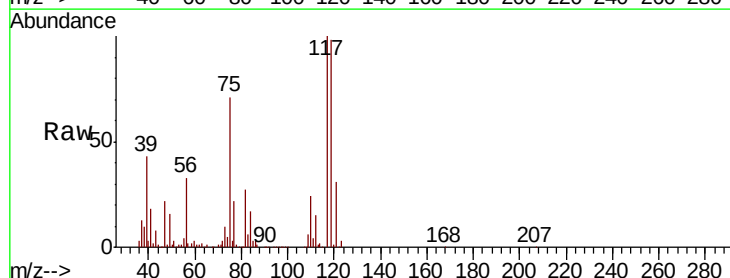
Instrument :
MSVOA_W
ClientSampled :

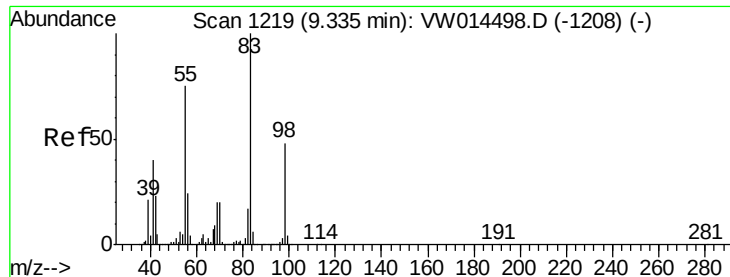
Tot Ion: 43 Resp: 191214
Ion Ratio Lower Upper
43 100
61 13.5 11.7 17.5
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 48.921 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 117 Resp: 391053
Ion Ratio Lower Upper
117 100
119 98.5 77.0 115.6
121 30.6 24.6 36.8

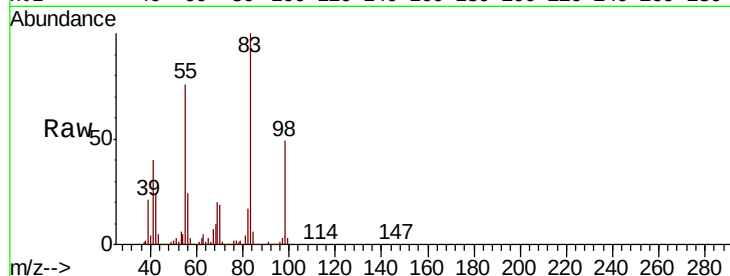




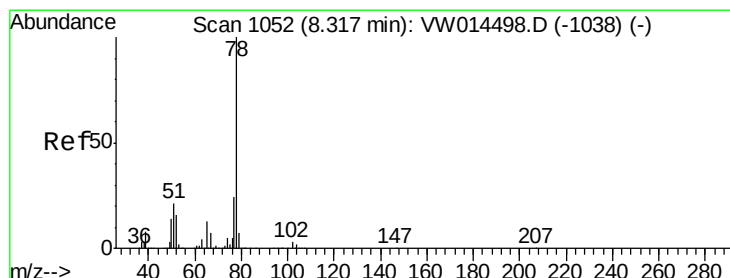
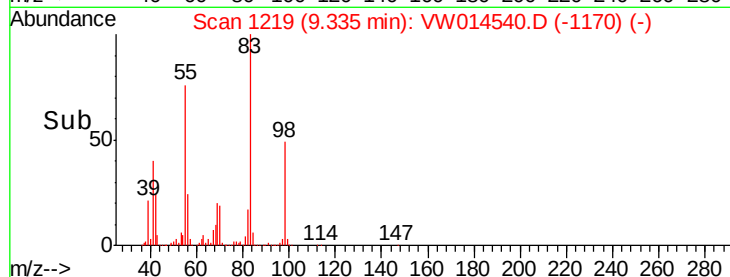
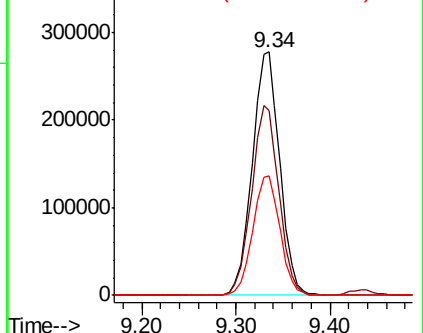
#39
Methylvlcyclohexane
Concen: 48.196 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 569882
Ion Ratio Lower Upper
83 100
55 75.8 60.1 90.1
98 48.8 38.8 58.2

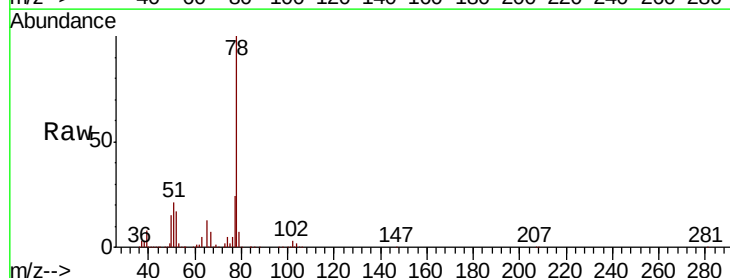


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

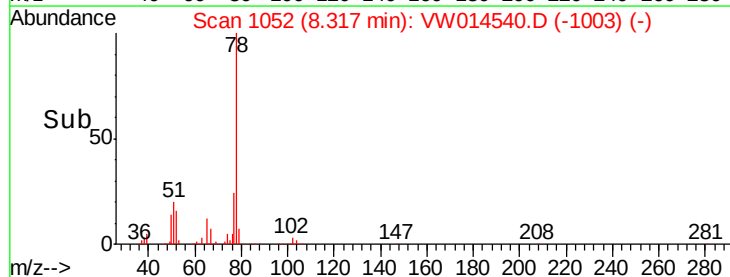
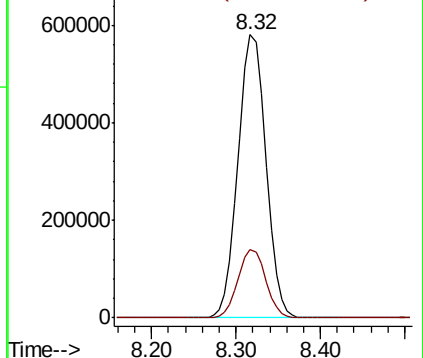


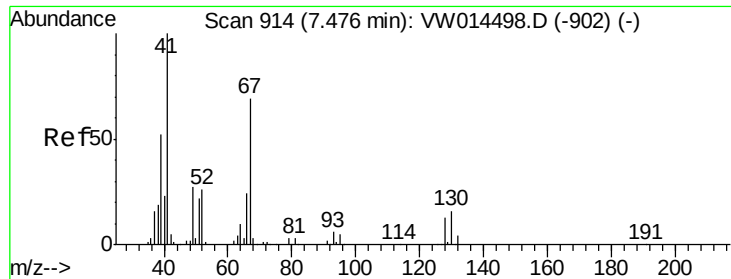
#40
Benzene
Concen: 49.902 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 78 Resp: 1300926
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

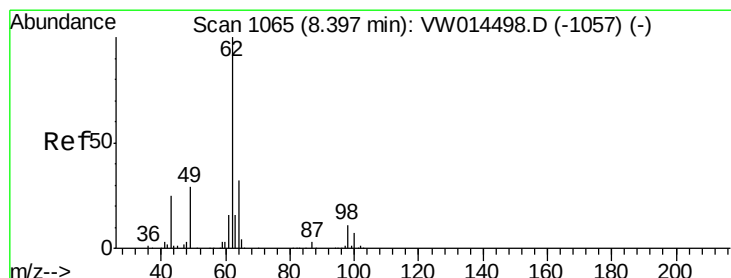
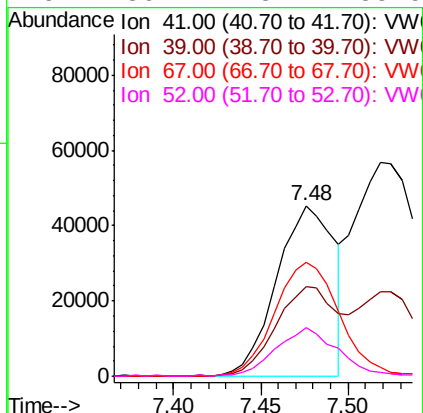
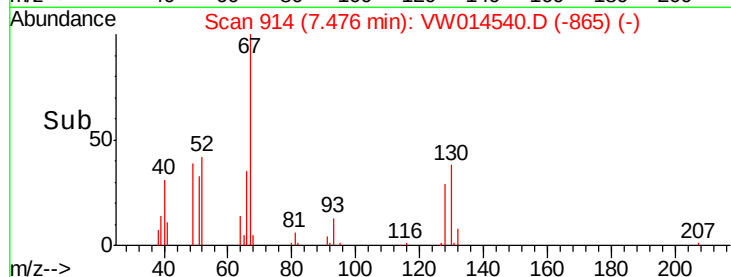
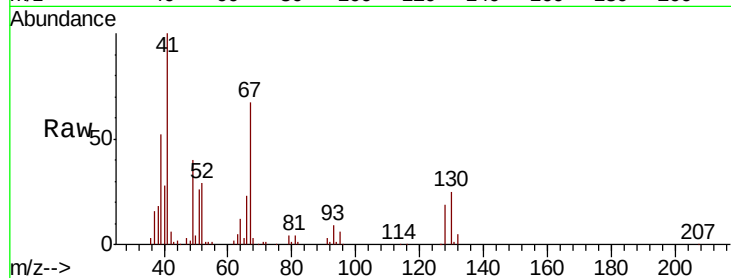




#41
Methacrylonitrile
Concen: 44.817 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

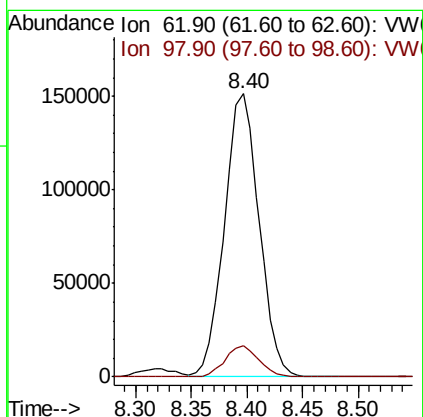
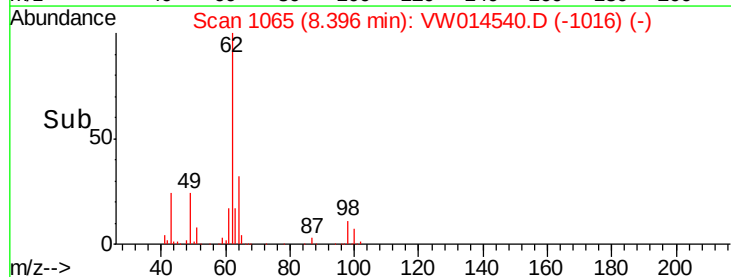
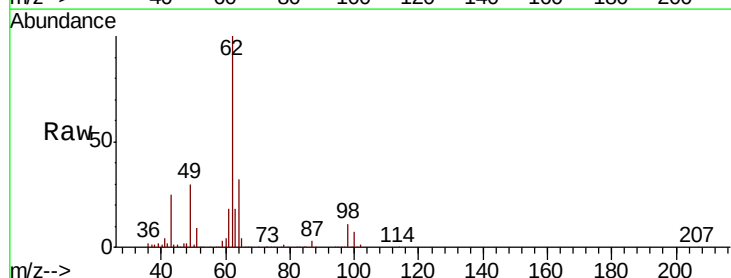
Instrument :
MSVOA_W
ClientSampleId :

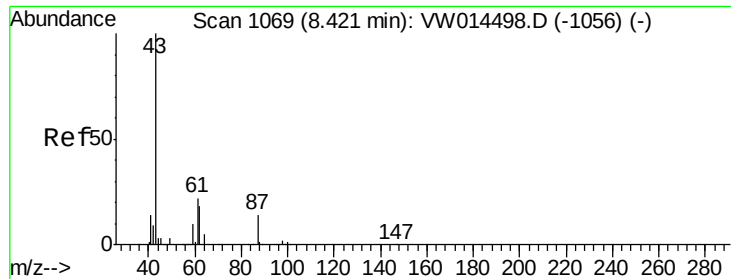
Tot Ion:	41	Resp:	104398
Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.0	69.0
67	75.5	60.8	91.2
52	30.7	23.7	35.5



#42
1,2-Dichloroethane
Concen: 48.235 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion:	62	Resp:	326321
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 44.906 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

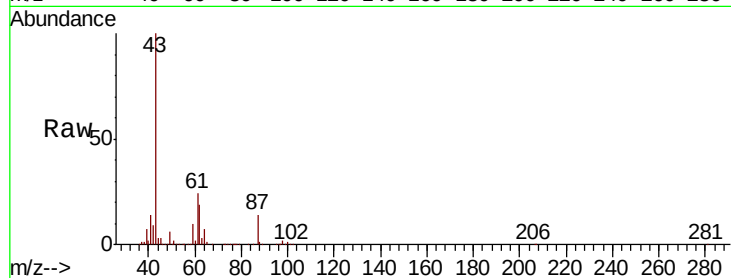
Tot Ion: 43 Resp: 340757

Ion Ratio Lower Upper

43 100

61 32.4 24.7 37.1

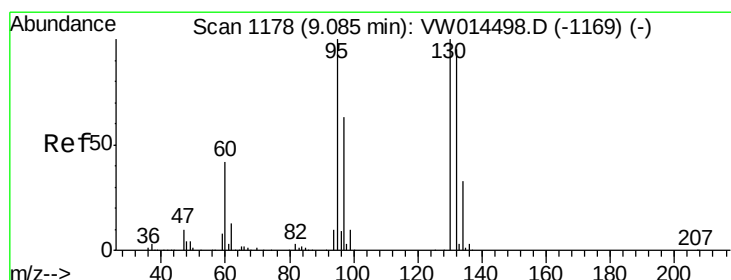
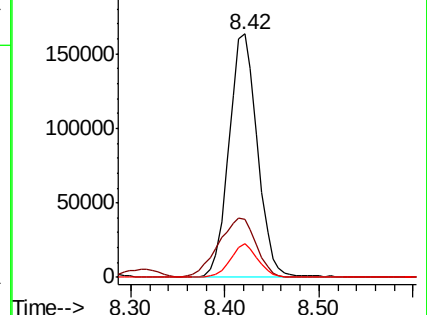
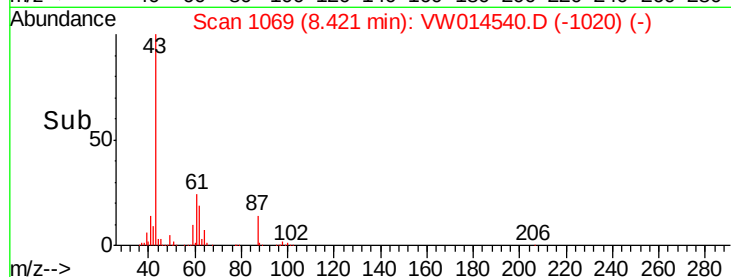
87 13.3 11.1 16.7



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: 48.264 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014540.D

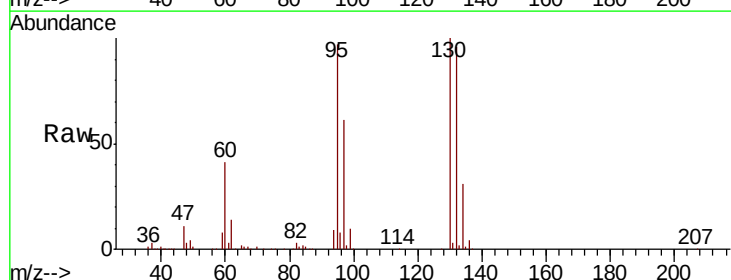
Acq: 07 Jan 2020 10:16

Tgt Ion:130 Resp: 340467

Ion Ratio Lower Upper

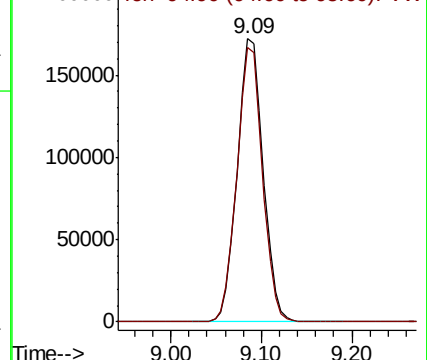
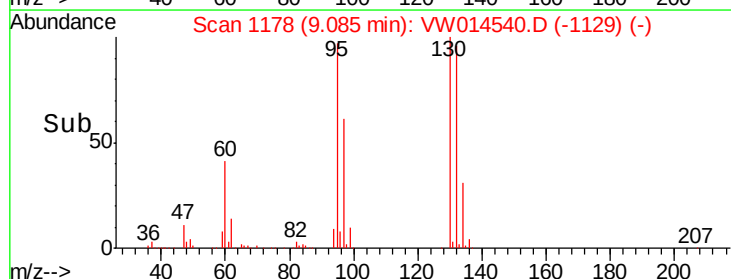
130 100

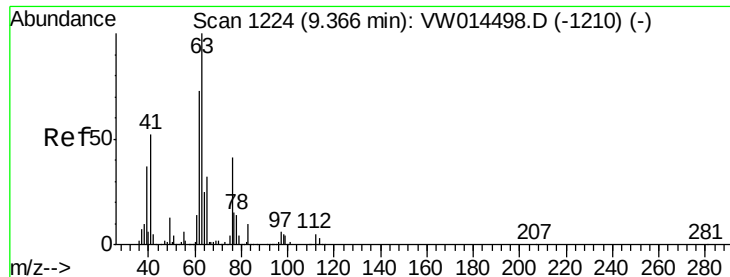
95 96.9 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

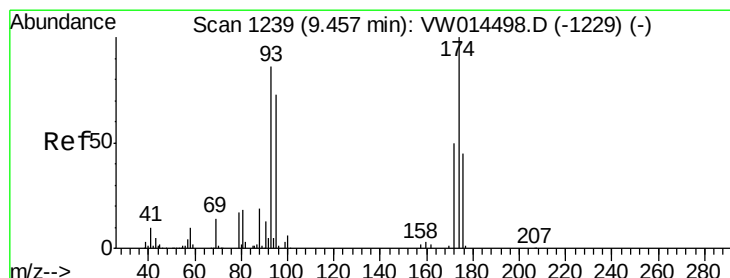
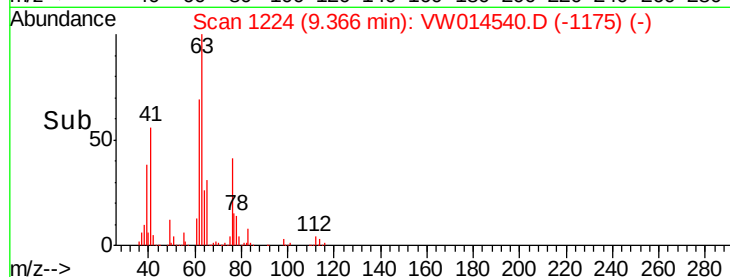
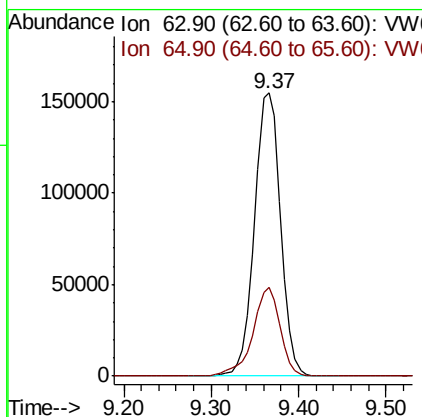
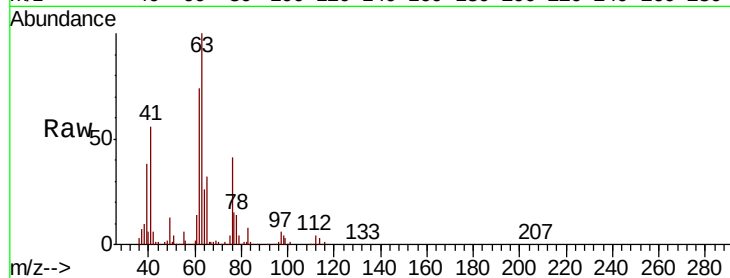




#45
 1,2-Dichloropropane
 Concen: 50.114 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

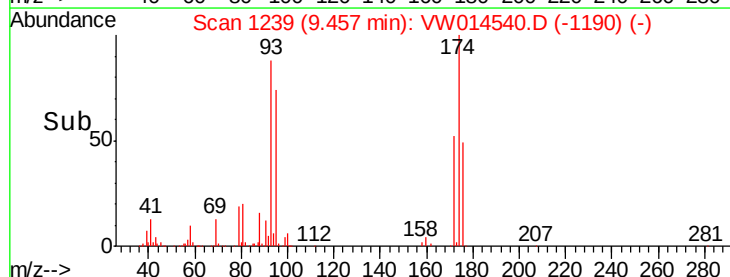
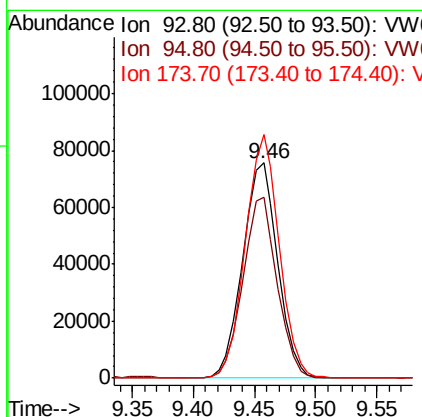
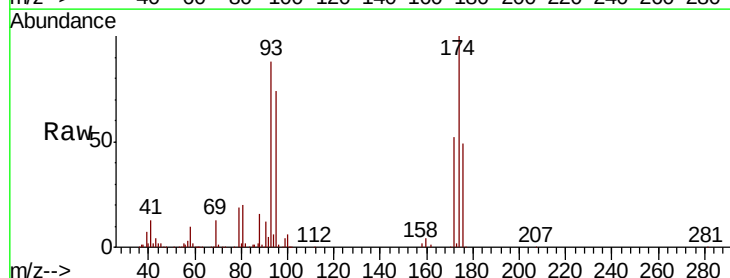
Instrument :
 MSVOA_W
 ClientSampleId :

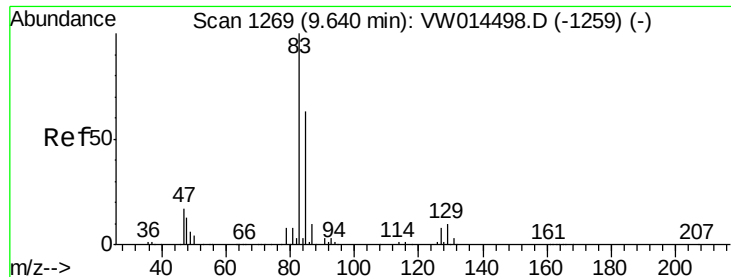
Tot Ion: 63 Resp: 320586
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.6 38.4



#46
 Dibromomethane
 Concen: 47.758 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion: 93 Resp: 150823
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.4 99.6
 174 109.4 89.1 133.7

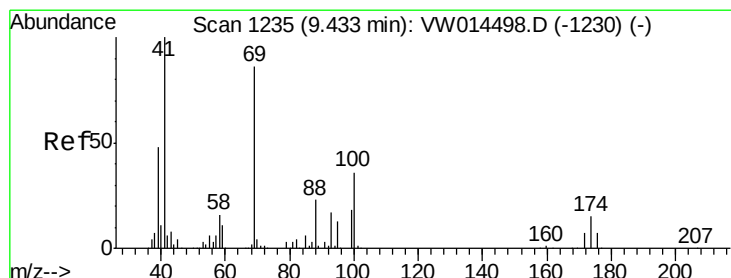
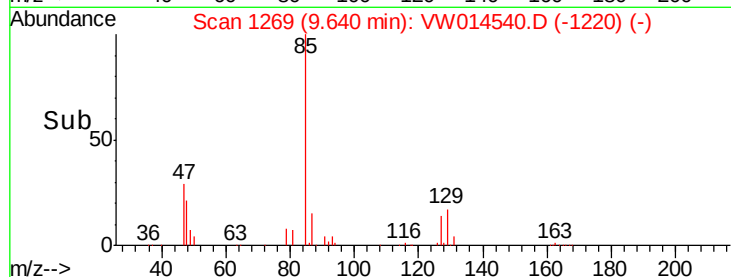
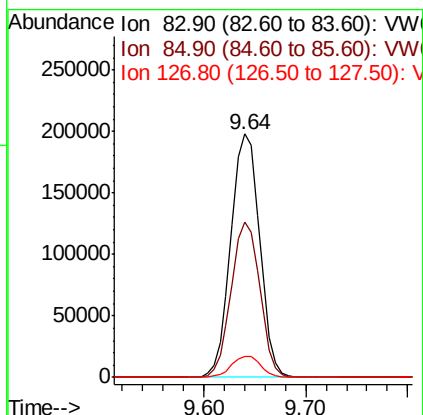
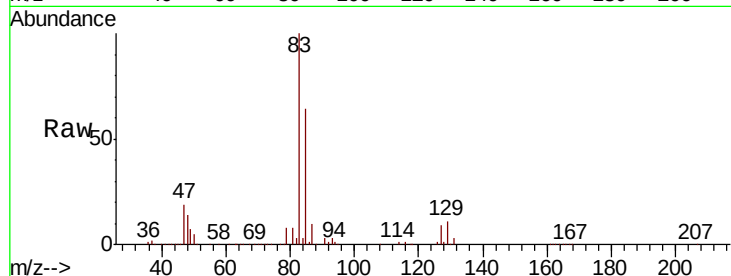




#47
 Bromodichloromethane
 Concen: 49.647 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

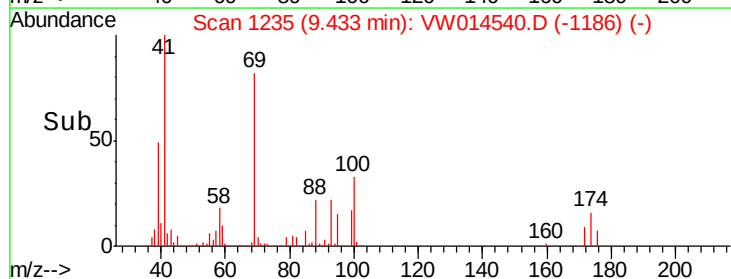
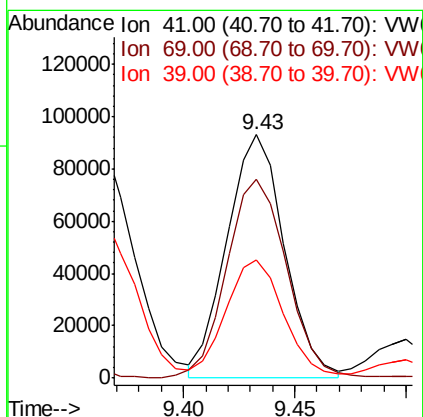
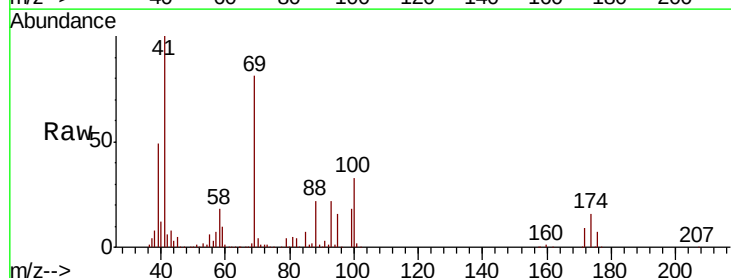
Instrument :
 MSVOA_W
 ClientSampled :

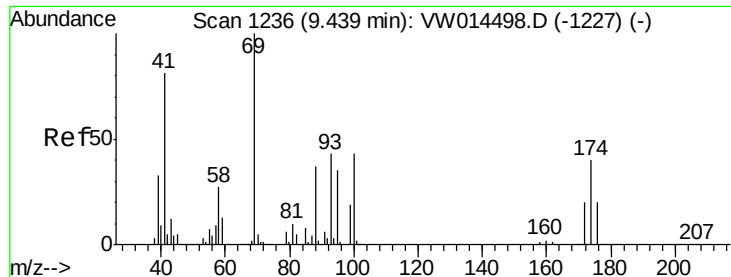
Tot Ion: 83 Resp: 387094
 Ion Ratio Lower Upper
 83 100
 85 64.0 50.6 76.0
 127 8.7 6.6 9.8



#48
 Methyl methacrylate
 Concen: 45.087 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion: 41 Resp: 167043
 Ion Ratio Lower Upper
 41 100
 69 85.5 68.3 102.5
 39 45.1 36.8 55.2

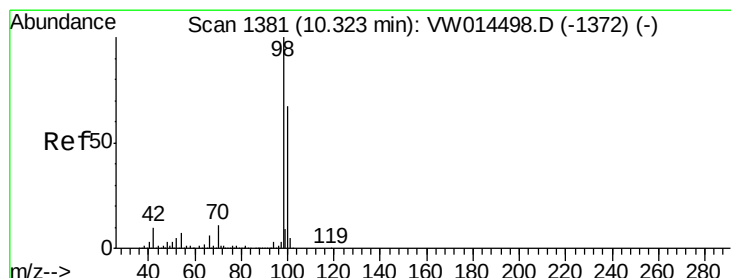
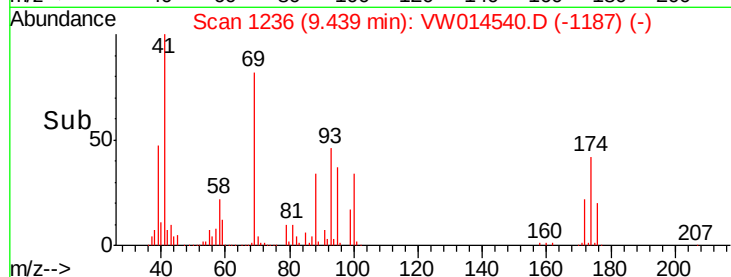
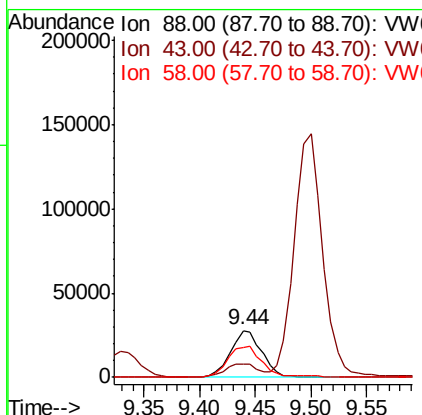
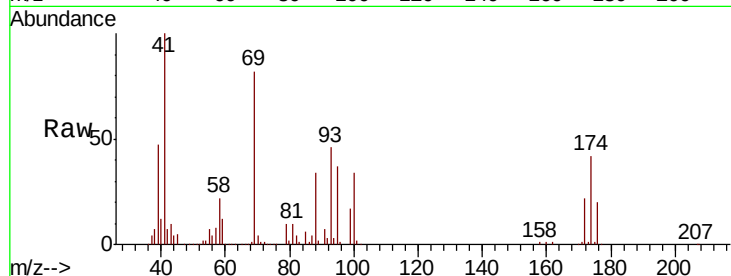




#49
1,4-Dioxane
Concen: 915.751 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

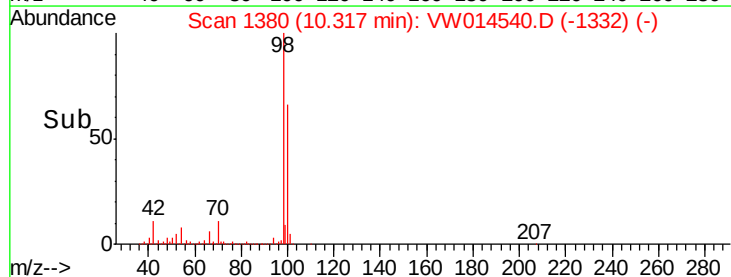
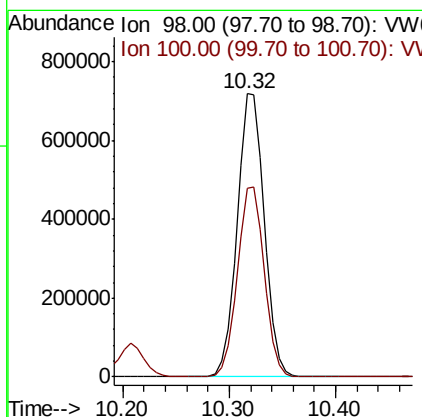
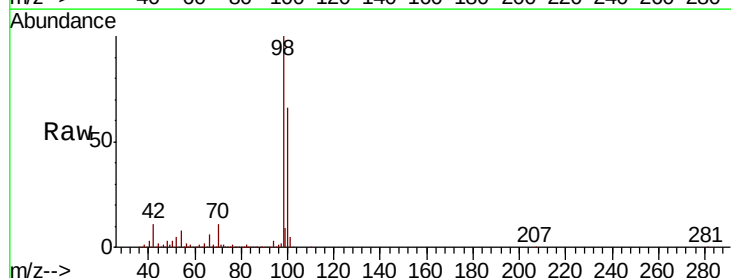
Instrument :
MSVOA_W
ClientSampleId :

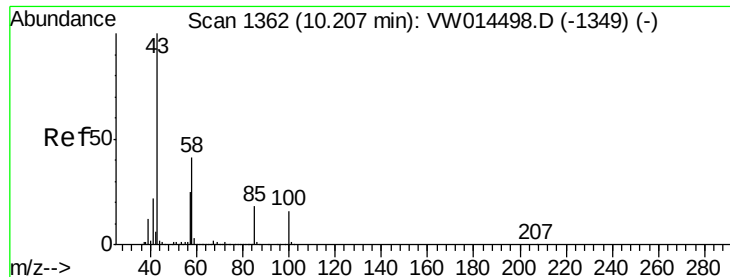
Tot Ion: 88 Resp: 54091
Ion Ratio Lower Upper
88 100
43 30.7 24.9 37.3
58 71.9 56.9 85.3



#50
Toluene-d8
Concen: 56.405 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 98 Resp: 1285787
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 225.618 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

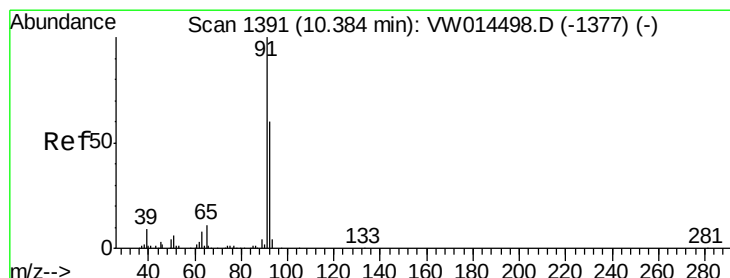
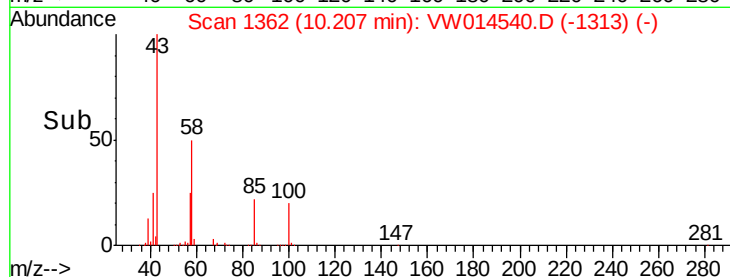
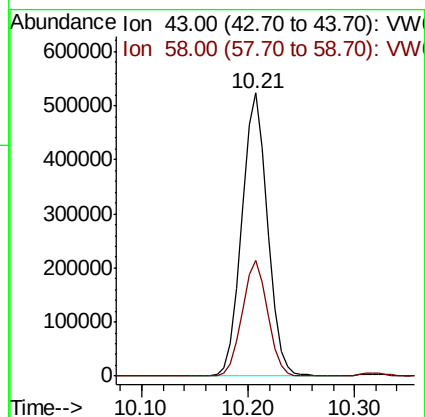
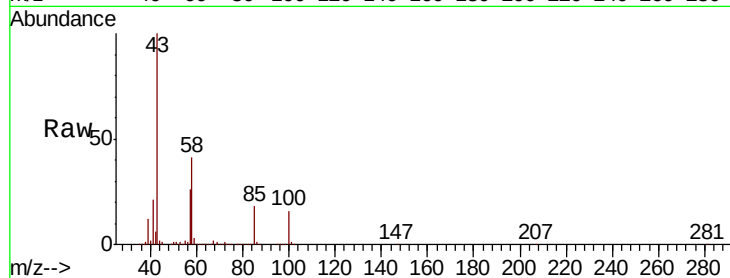
ClientSampleId :

Tot Ion: 43 Resp: 889070

Ion Ratio Lower Upper

43 100

58 40.7 32.7 49.1



#52

Toluene

Concen: 49.966 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014540.D

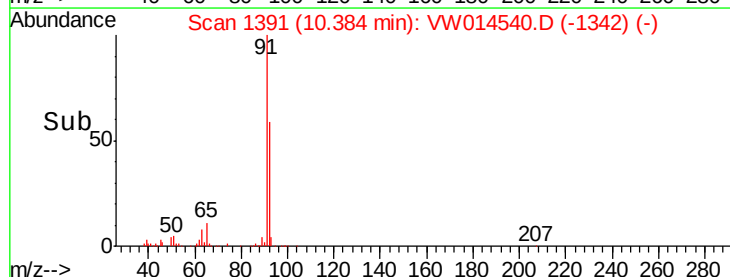
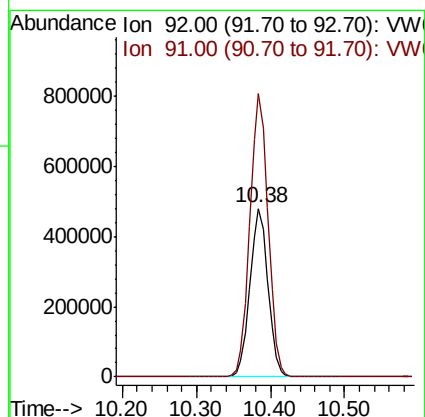
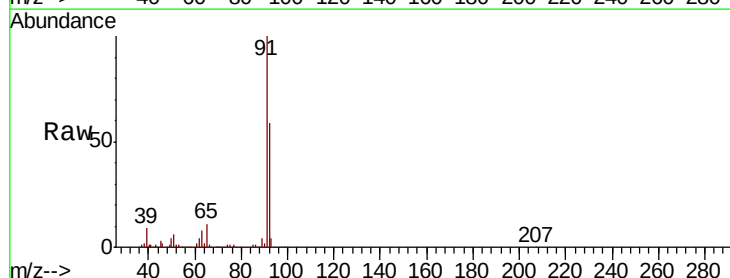
Acq: 07 Jan 2020 10:16

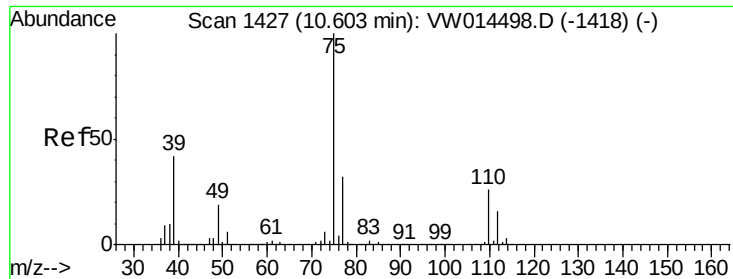
Tgt Ion: 92 Resp: 819478

Ion Ratio Lower Upper

92 100

91 169.7 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 48.836 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

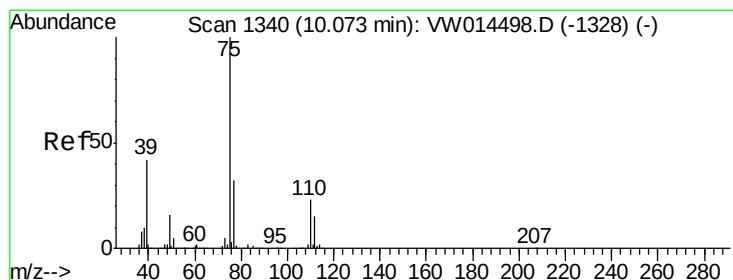
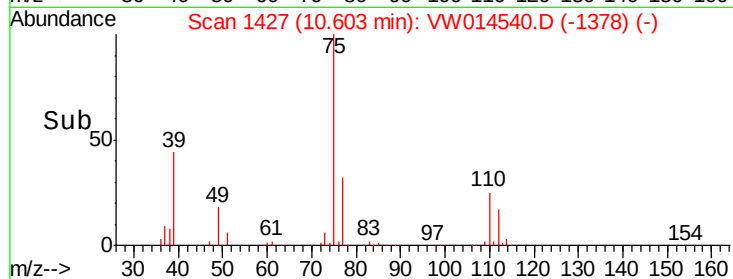
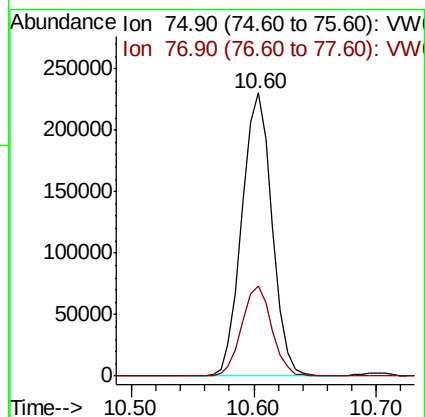
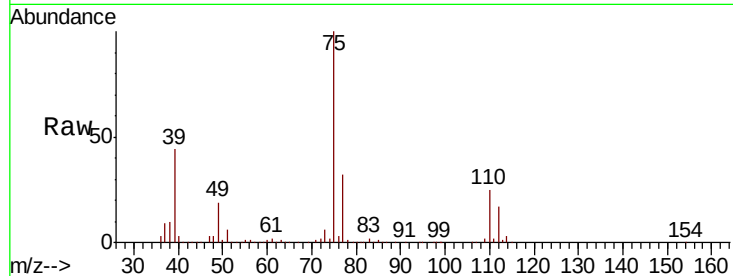
ClientSampled :

Tot Ion: 75 Resp: 394243

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.539 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

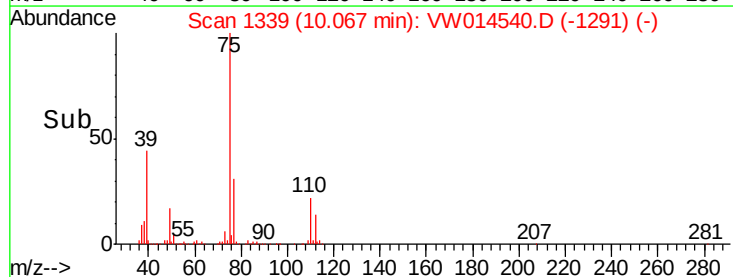
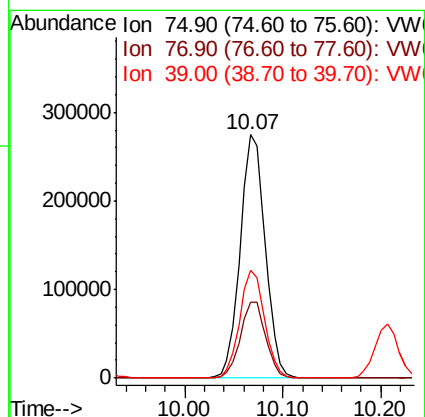
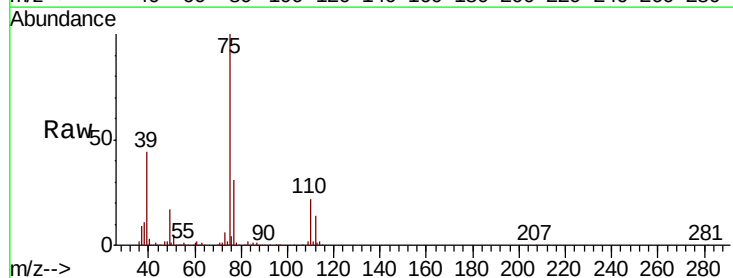
Tgt Ion: 75 Resp: 488771

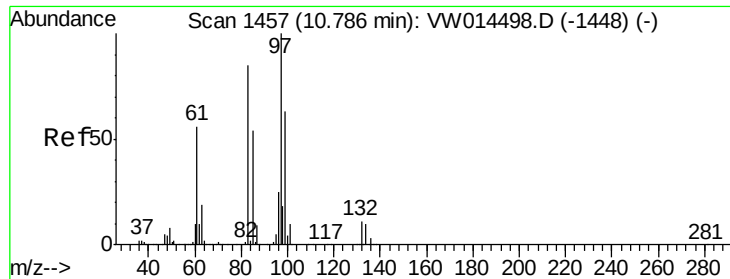
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 44.2 33.4 50.2

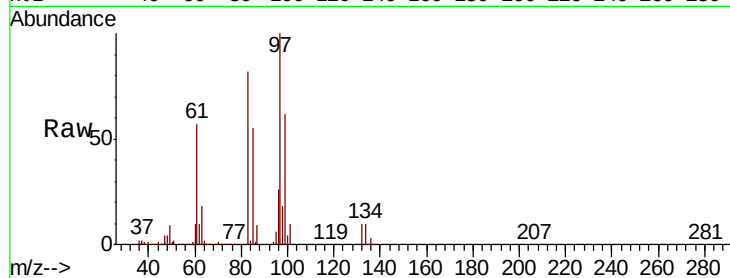




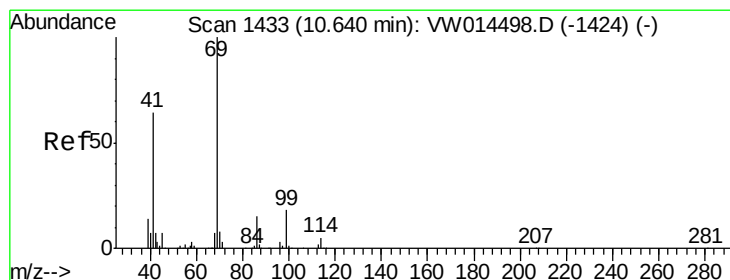
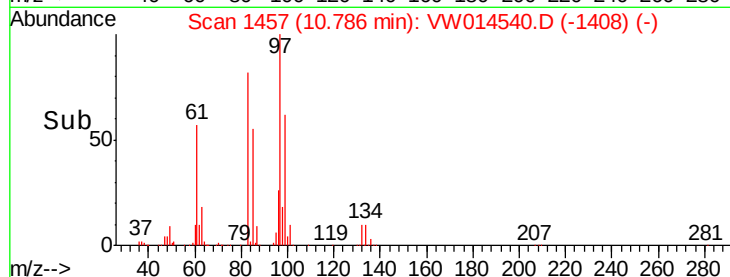
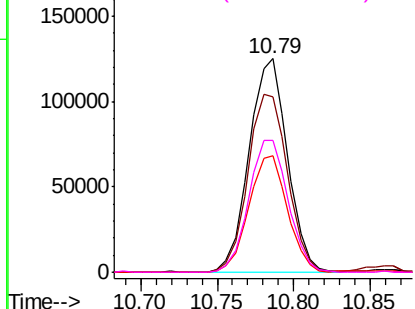
#55
 1,1,2-Trichloroethane
 Concen: 47.115 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	217309
Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.2	102.4
85	54.7	43.0	64.4
99	62.0	50.1	75.1

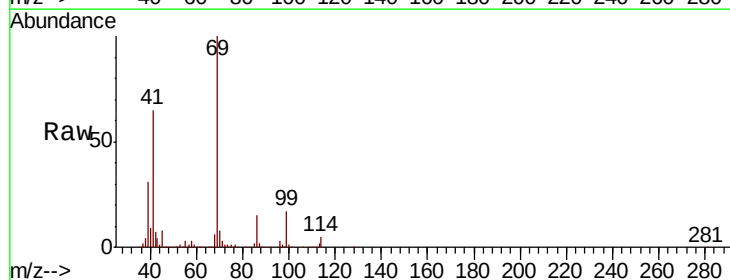


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

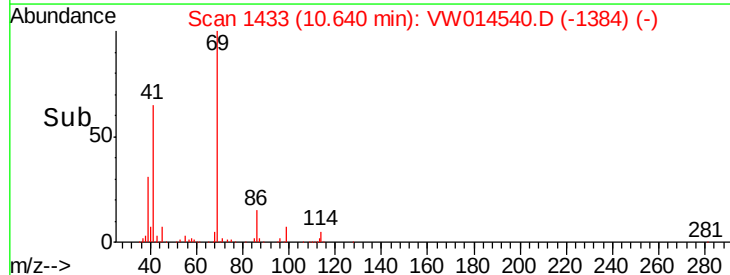
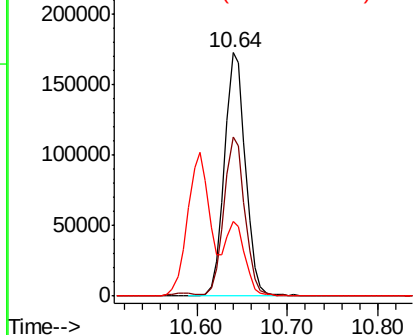


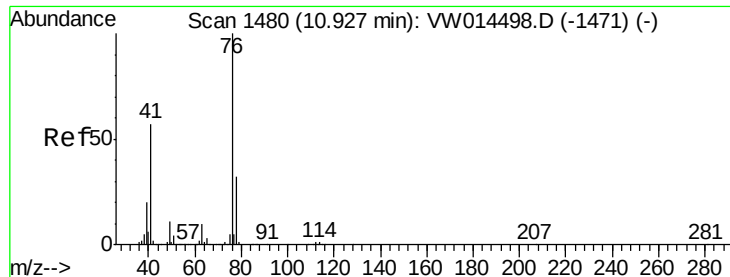
#56
 Ethyl methacrylate
 Concen: 46.549 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion:	69	Resp:	279023
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.3	76.9
39	26.1	21.0	31.6



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





#57

1,3-Dichloropropane

Concen: 48.175 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

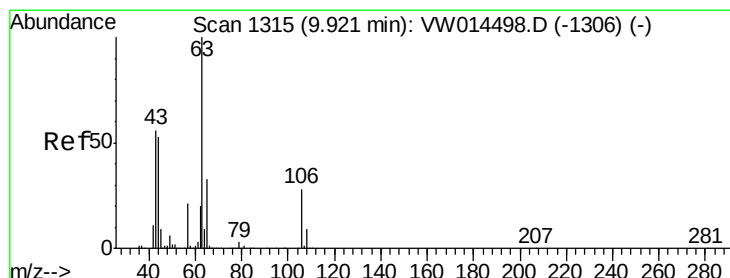
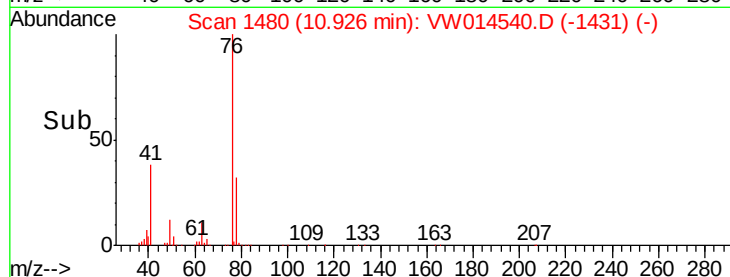
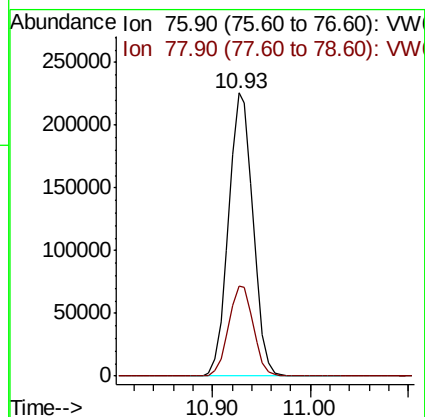
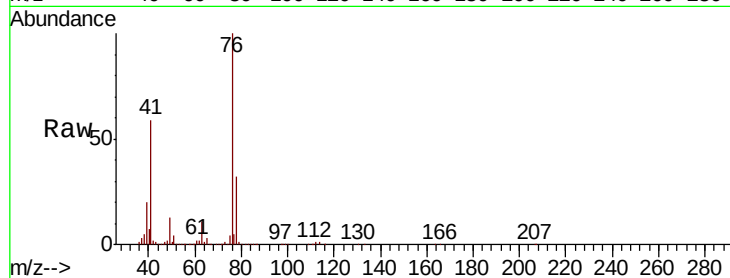
ClientSampled :

Tot Ion: 76 Resp: 390522

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 254.443 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014540.D

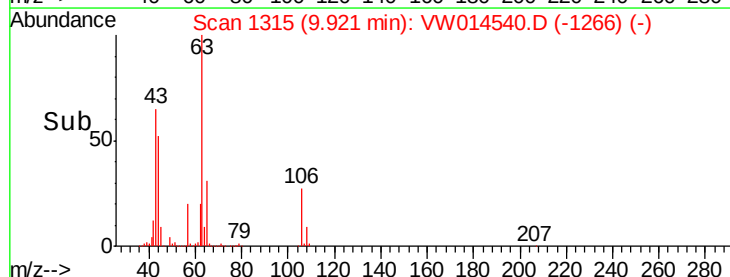
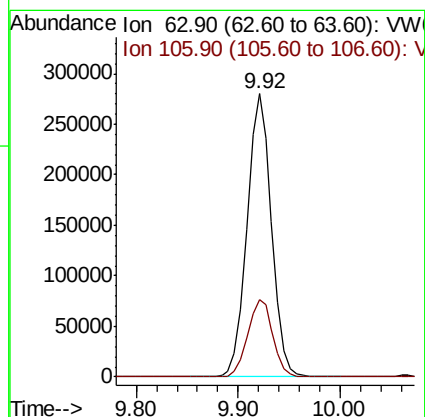
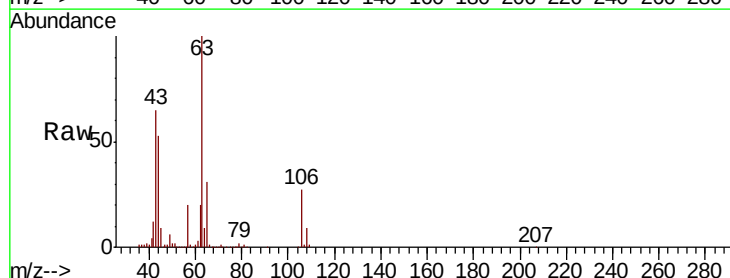
Acq: 07 Jan 2020 10:16

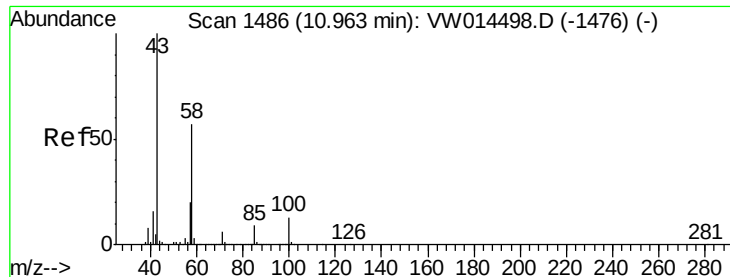
Tgt Ion: 63 Resp: 463857

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.6

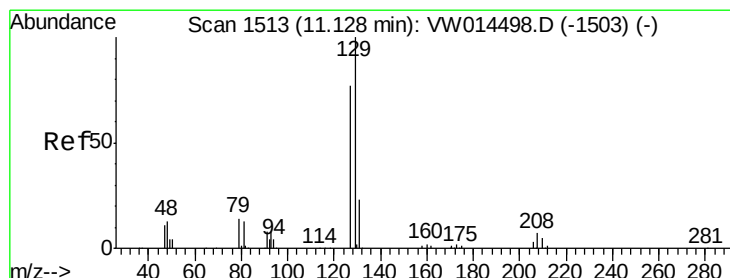
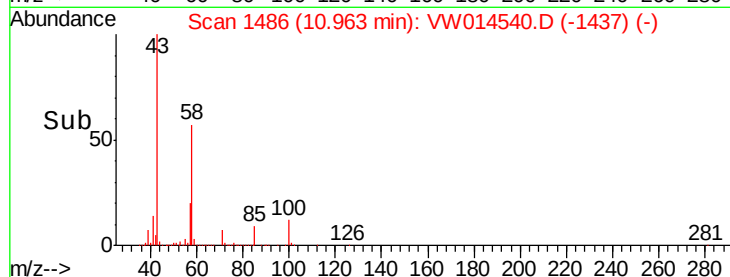
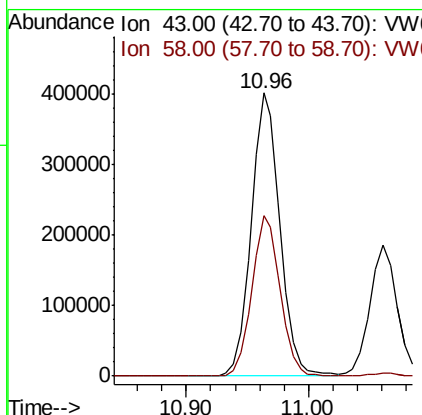
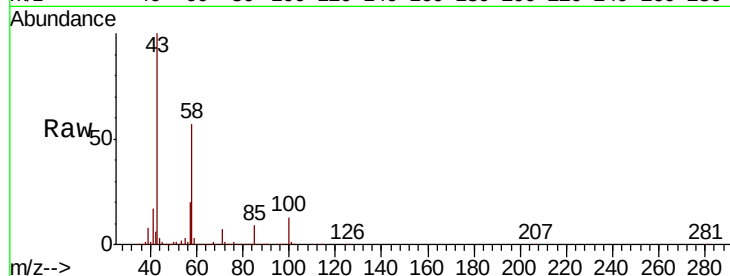




#59
2-Hexanone
Concen: 240.853 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

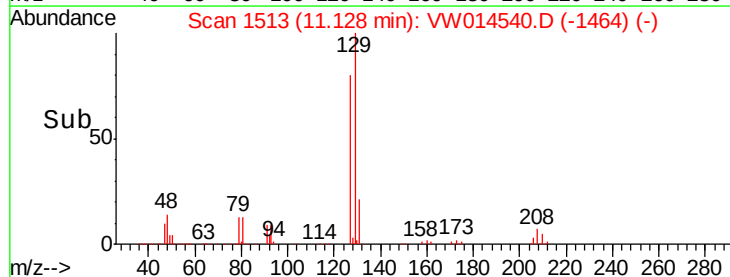
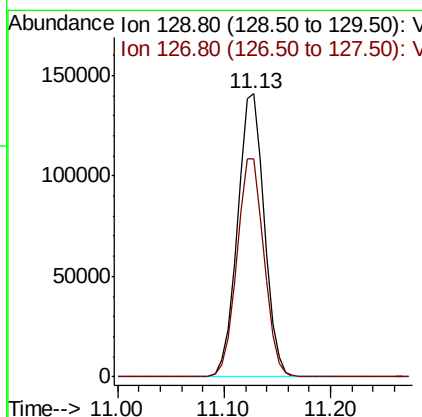
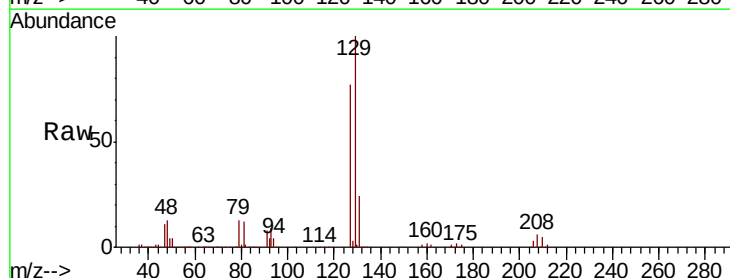
Instrument :
MSVOA_W
ClientSampled :

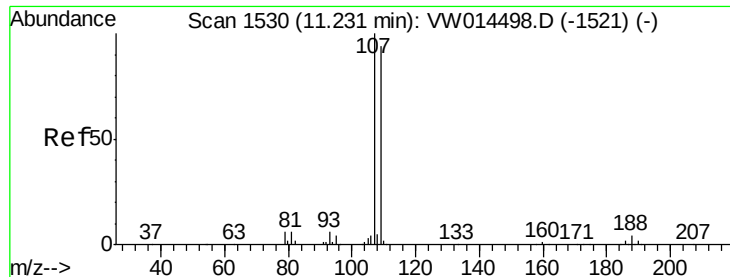
Tot Ion: 43 Resp: 654016
Ion Ratio Lower Upper
43 100
58 56.2 28.7 86.3



#60
Dibromochloromethane
Concen: 47.886 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 129 Resp: 249205
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5

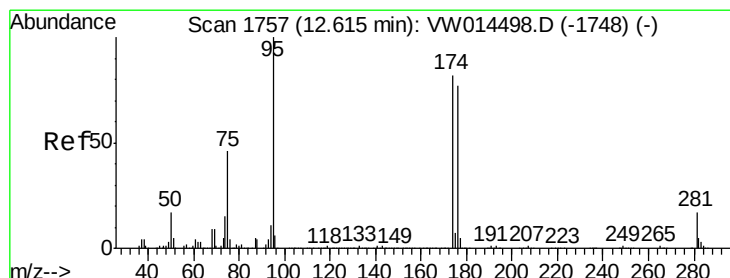
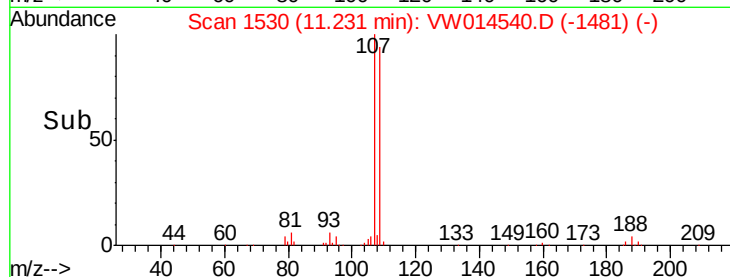
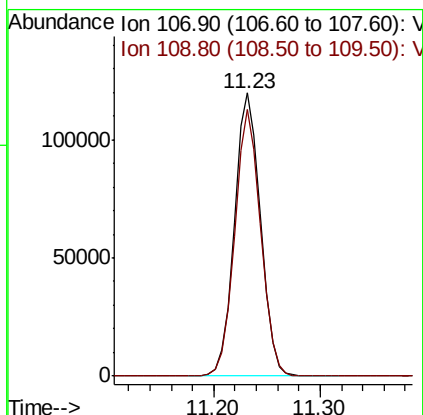
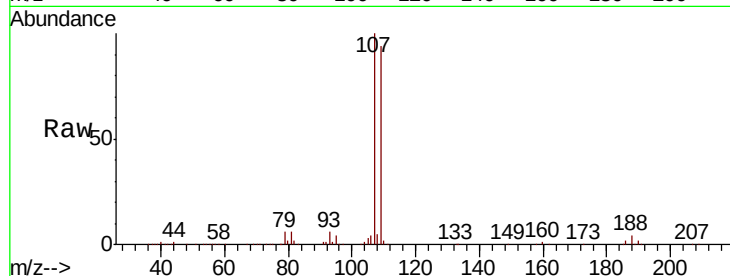




#61
 1,2-Dibromoethane
 Concen: 46.884 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

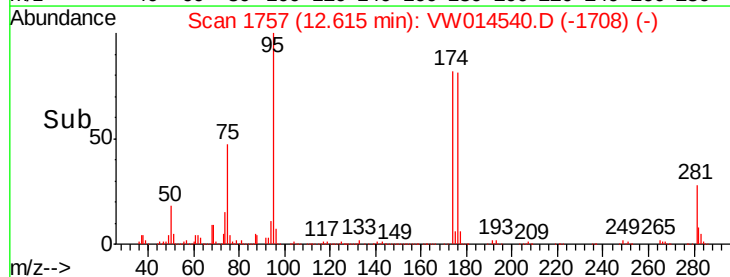
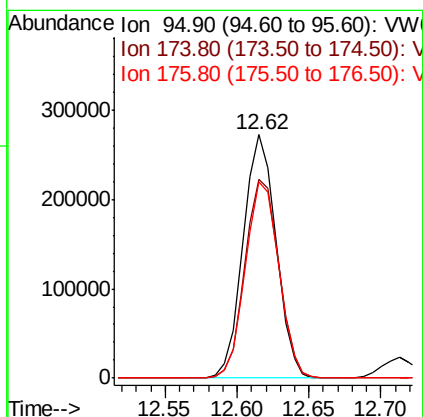
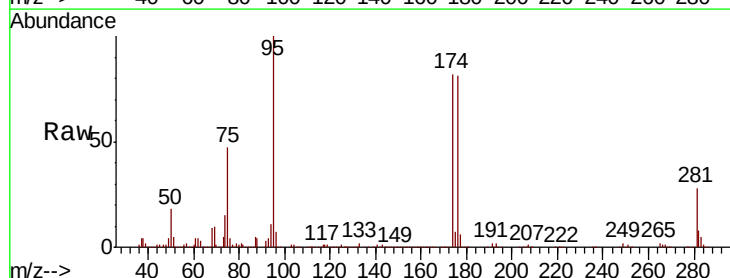
Instrument :
 MSVOA_W
 ClientSampleId :

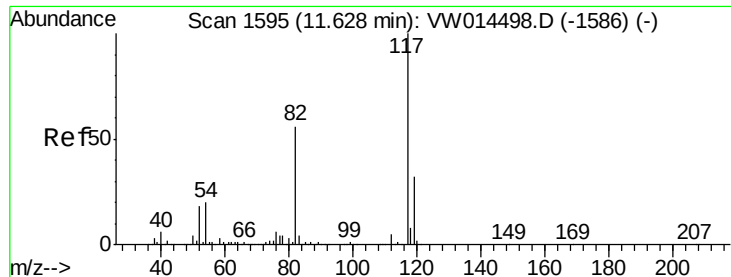
Tot Ion:107 Resp: 205265
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 55.772 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion: 95 Resp: 431231
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 168.6
 176 81.9 0.0 162.0

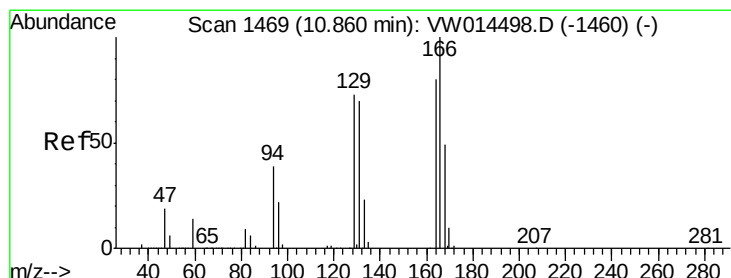
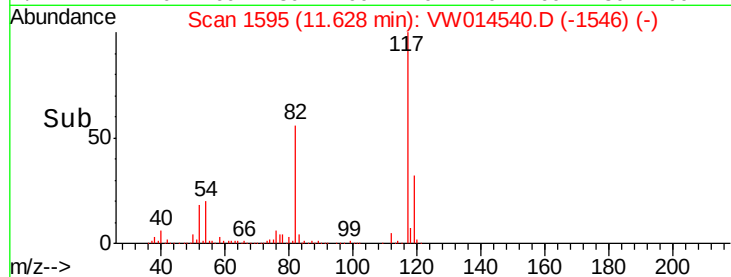
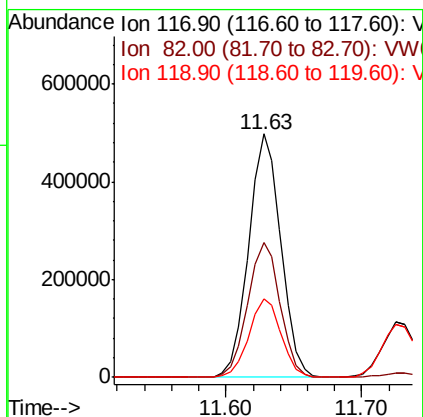
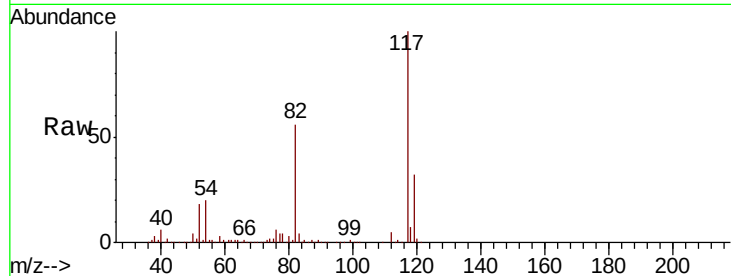




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

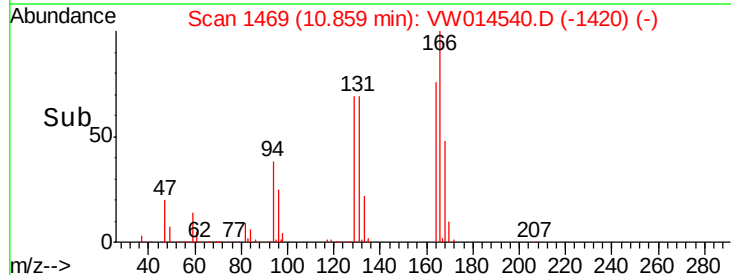
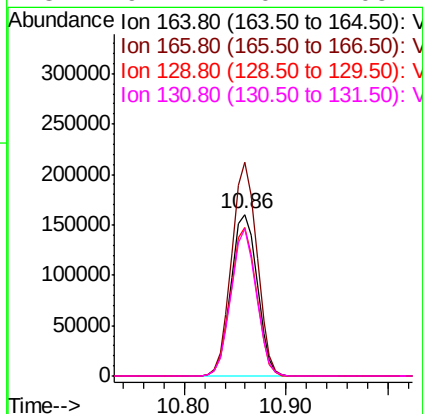
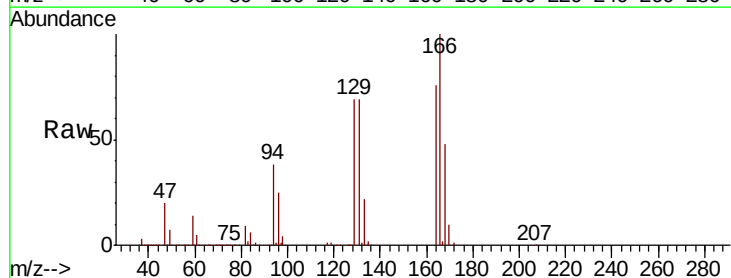
Instrument :
MSVOA_W
ClientSampleId :

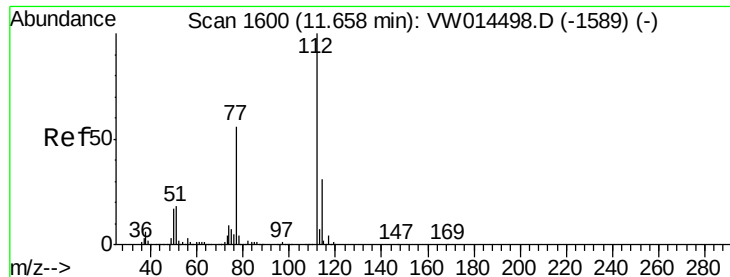
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	67.0
119	32.0	25.7	38.5



#64
Tetrachloroethene
Concen: 47.573 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	99.8	149.6
129	91.7	72.4	108.6
131	91.1	70.1	105.1

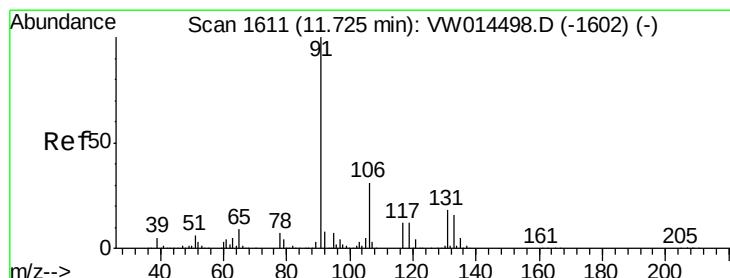
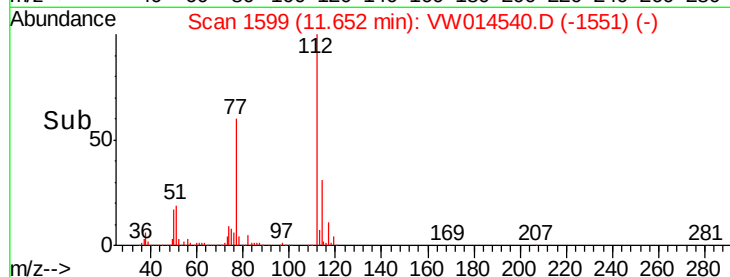
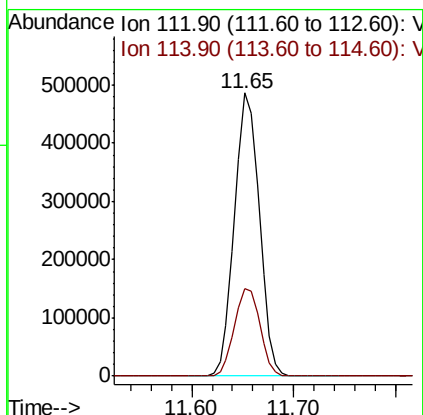
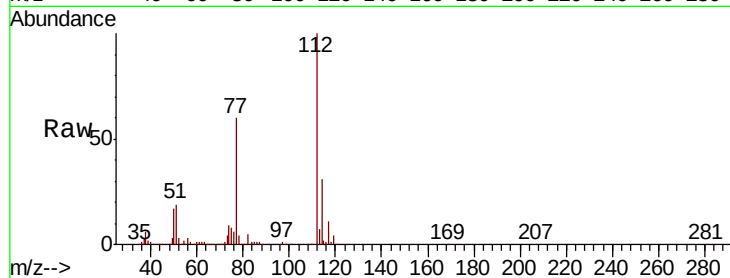




#65
Chlorobenzene
Concen: 48.579 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

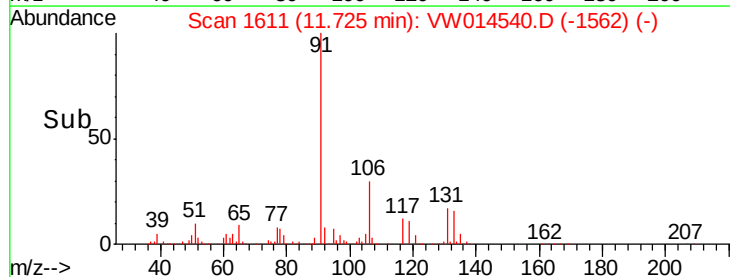
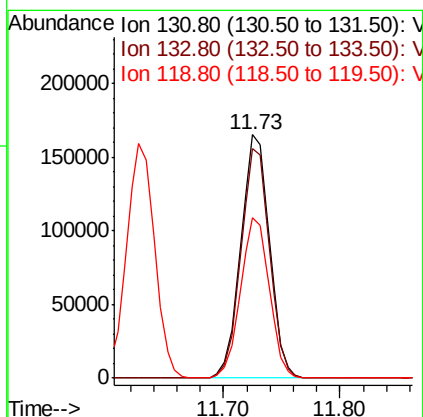
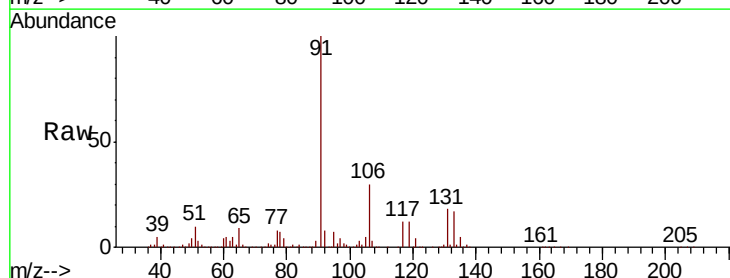
Instrument :
MSVOA_W
ClientSampleId :

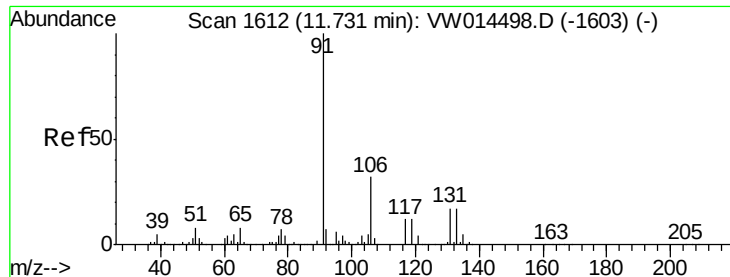
Tot Ion:112 Resp: 821743
Ion Ratio Lower Upper
112 100
114 31.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.869 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion:131 Resp: 284026
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 66.3 33.1 99.3

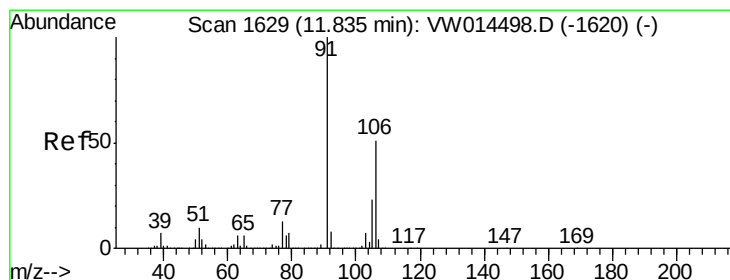
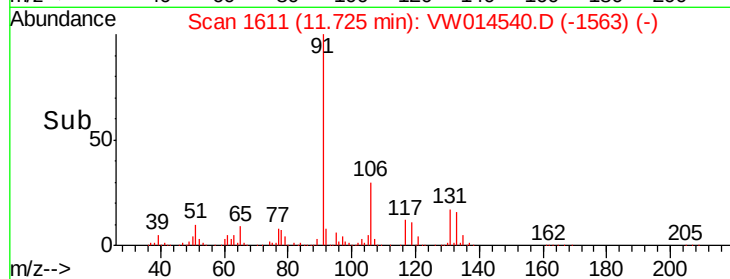
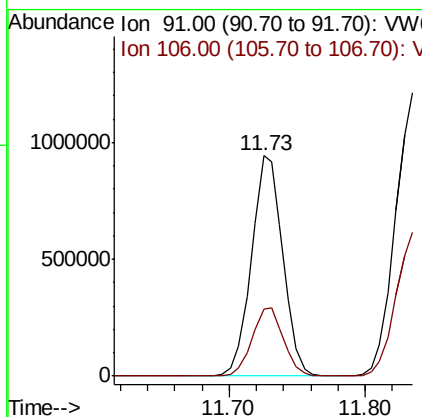
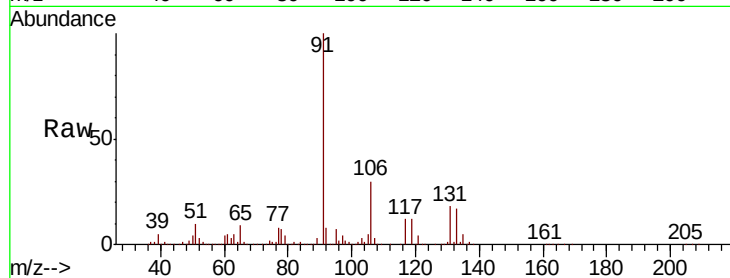




#67
Ethyl Benzene
Concen: 49.940 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

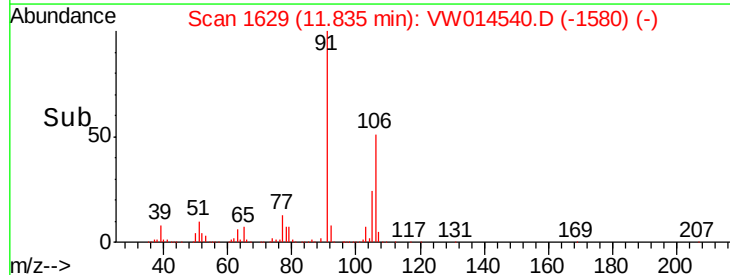
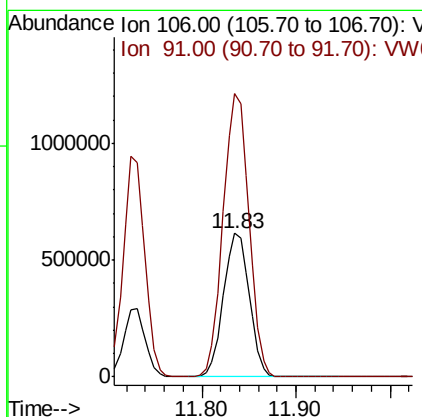
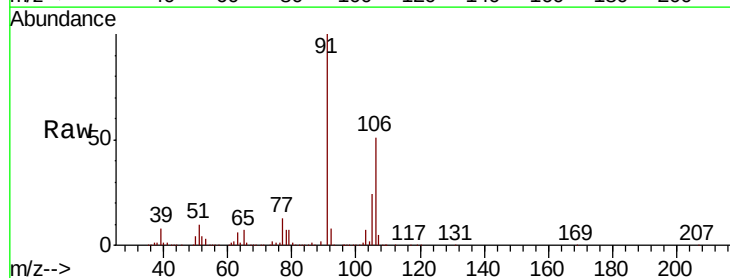
Instrument :
MSVOA_W
ClientSampled :

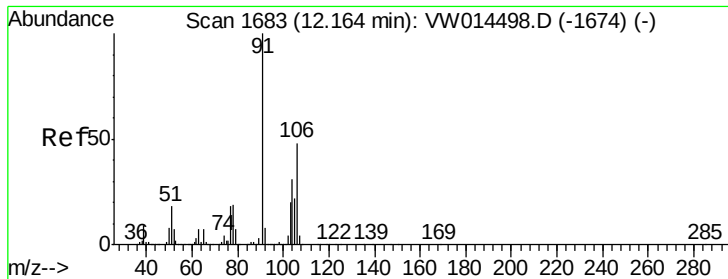
Tot Ion: 91 Resp: 1522414
Ion Ratio Lower Upper
91 100
106 30.2 25.5 38.3



#68
m/p-Xylenes
Concen: 99.922 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion:106 Resp: 1165812
Ion Ratio Lower Upper
106 100
91 197.6 159.0 238.6

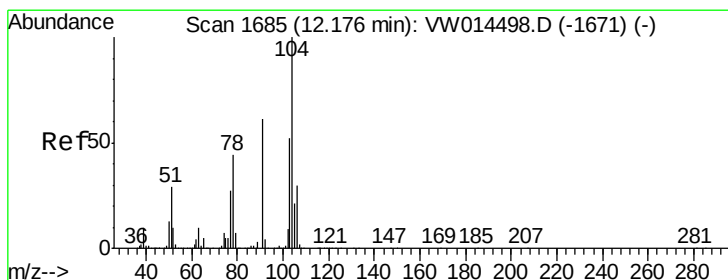
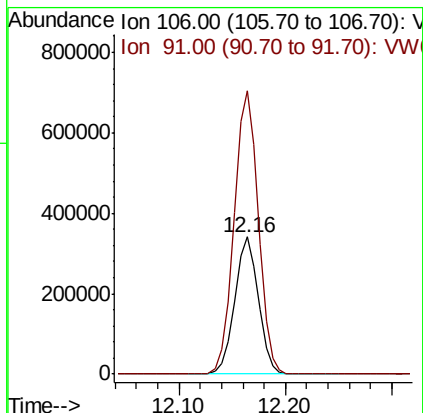
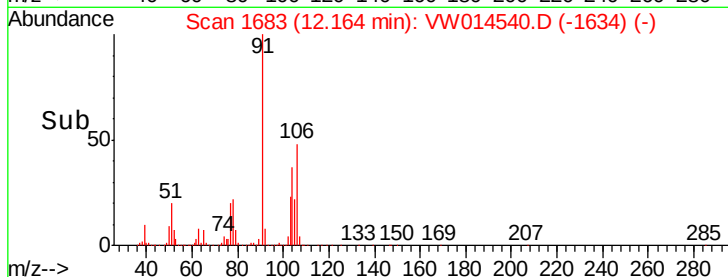
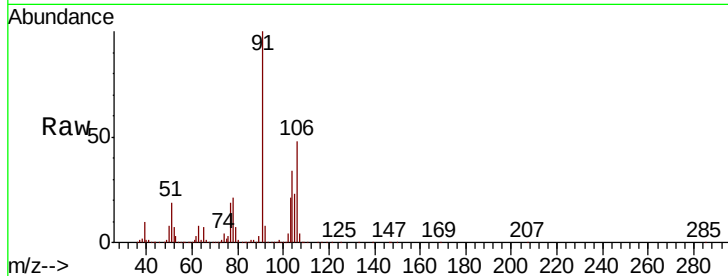




#69
o-Xylene
Concen: 49.326 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

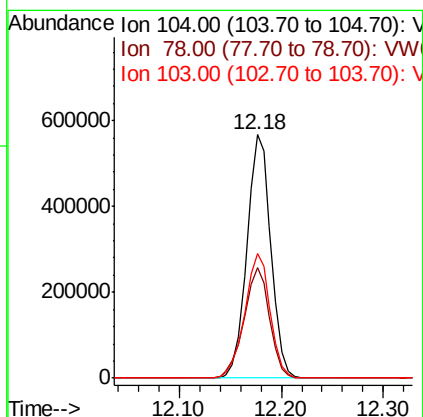
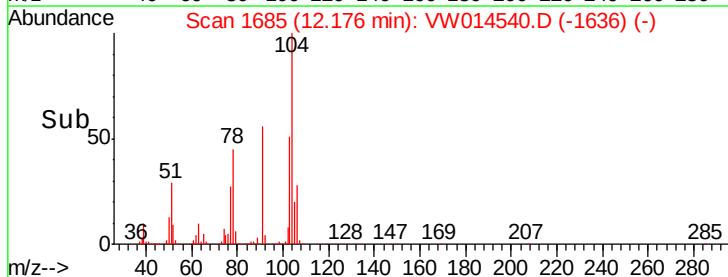
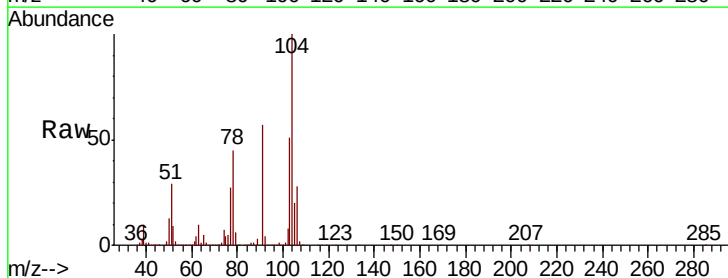
Instrument :
MSVOA_W
ClientSampled :

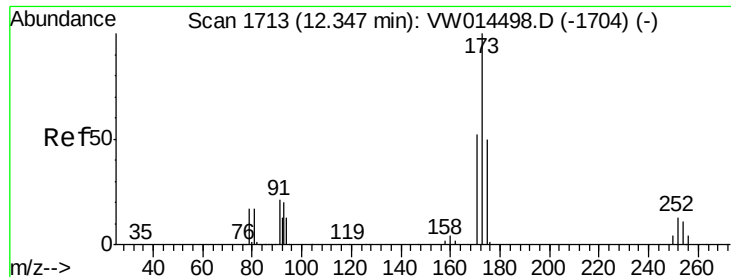
Tot Ion:106 Resp: 531596
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.6



#70
Styrene
Concen: 50.690 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion:104 Resp: 924009
Ion Ratio Lower Upper
104 100
78 48.7 38.4 57.6
103 54.2 43.7 65.5





#71

Bromoform

Concen: 46.661 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

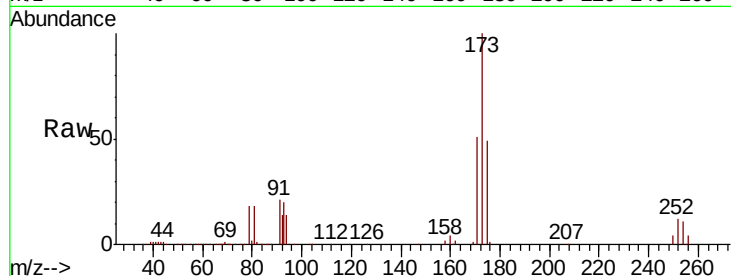
Tot Ion:173 Resp: 144957

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

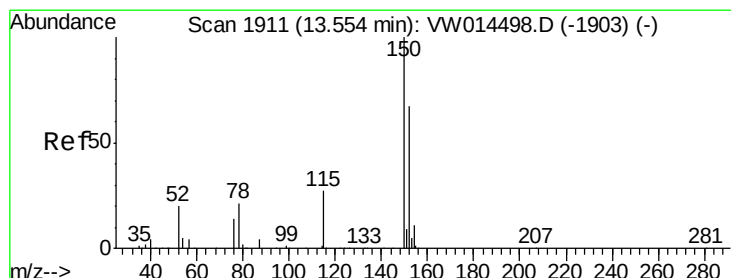
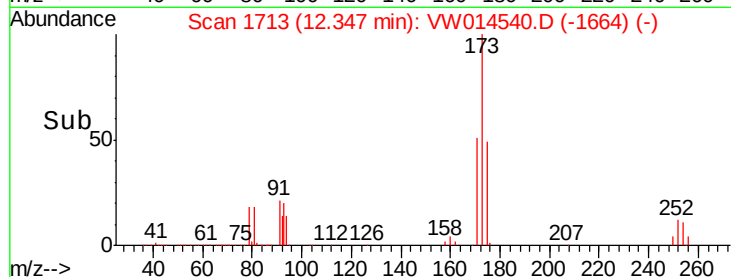
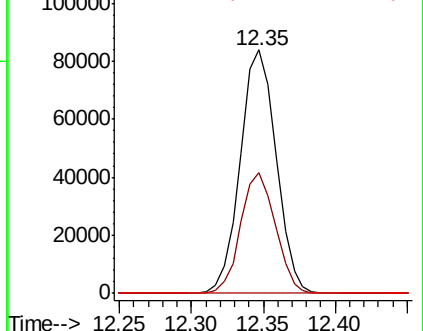
254 0.2 0.0 0.0#



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: VW014540.D

Acq: 07 Jan 2020 10:16

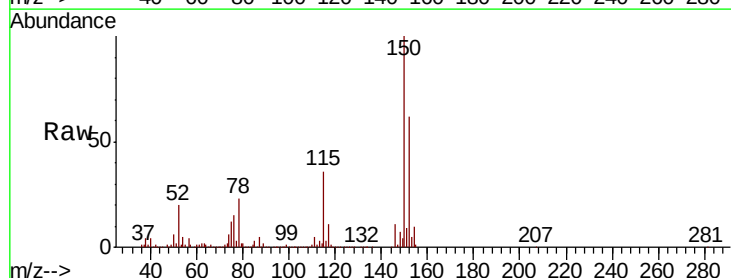
Tgt Ion:152 Resp: 409296

Ion Ratio Lower Upper

152 100

115 56.7 27.7 83.1

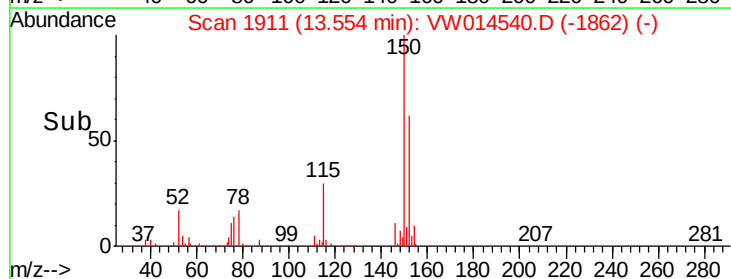
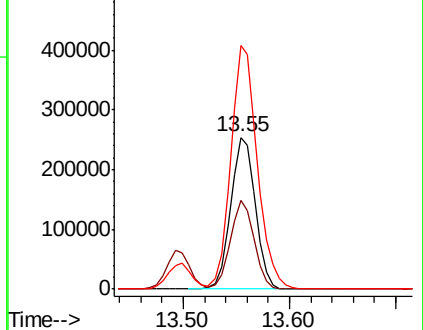
150 172.8 0.0 343.4

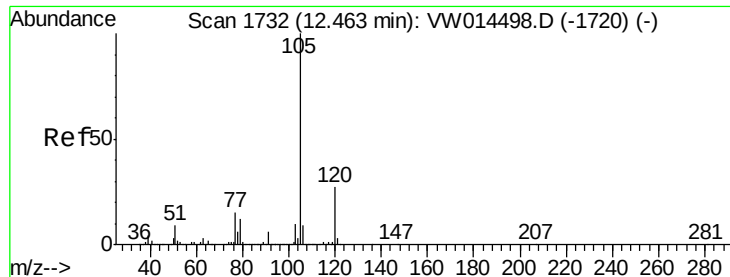


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.196 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

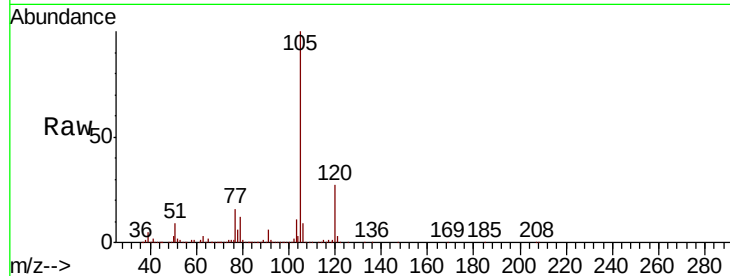
ClientSampleId :

Tot Ion:105 Resp: 1477466

Ion Ratio Lower Upper

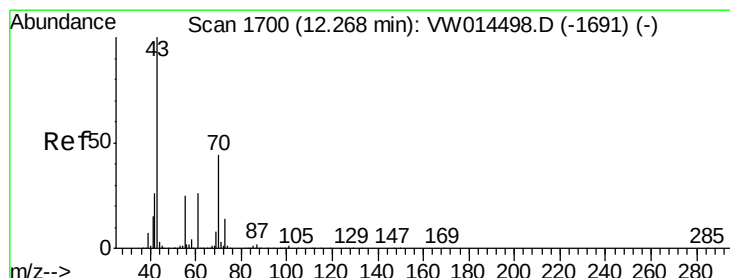
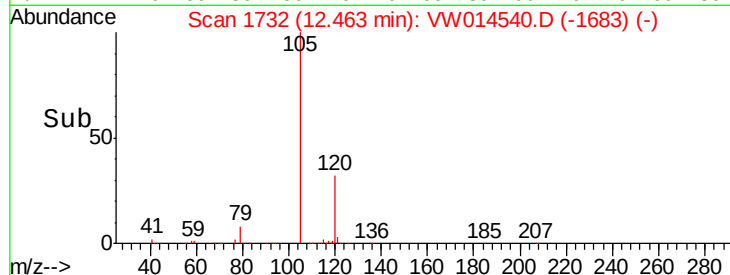
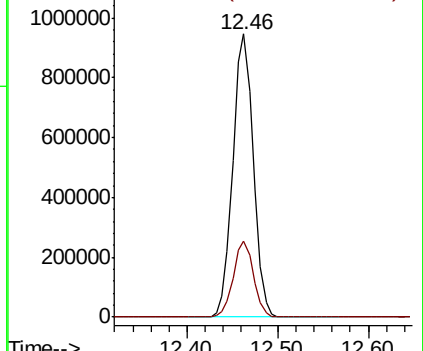
105 100

120 26.4 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: 45.209 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion: 43 Resp: 304426

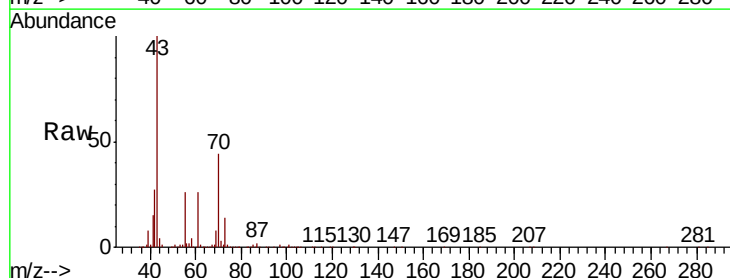
Ion Ratio Lower Upper

43 100

70 44.6 36.5 54.7

55 26.7 20.9 31.3

61 24.9 20.7 31.1

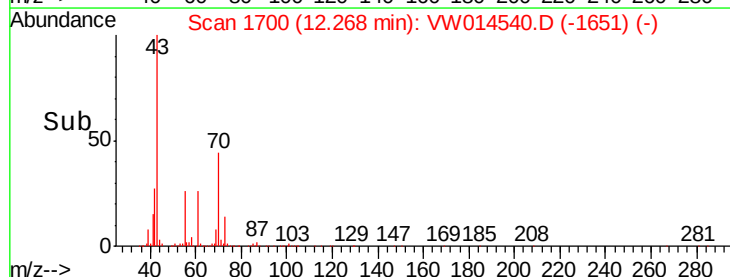
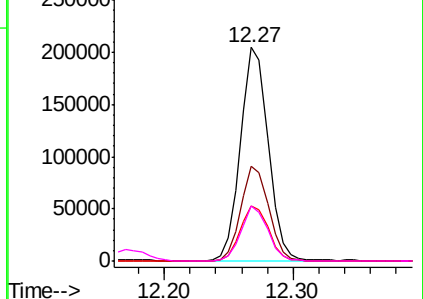


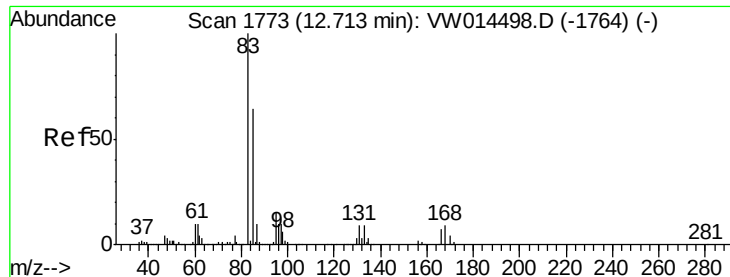
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 44.884 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

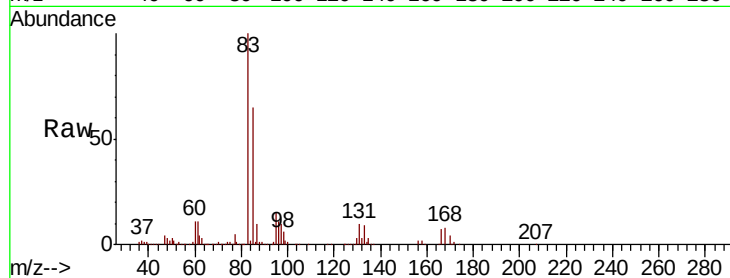
Tot Ion: 83 Resp: 243303

Ion Ratio Lower Upper

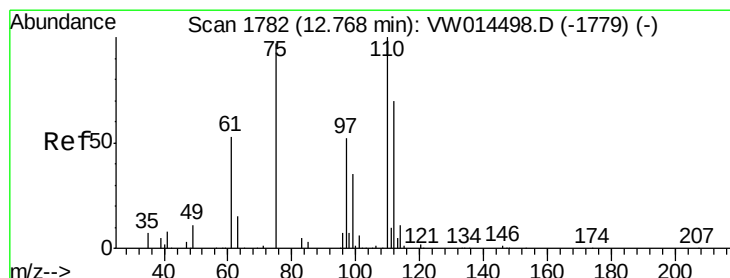
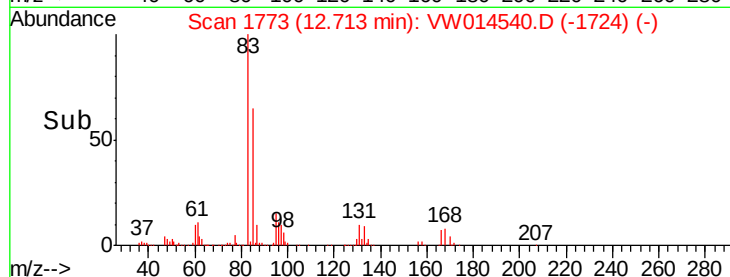
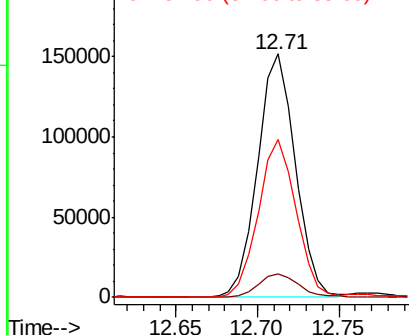
83 100

131 10.4 5.1 15.4

85 65.1 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: 80.683 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW014540.D

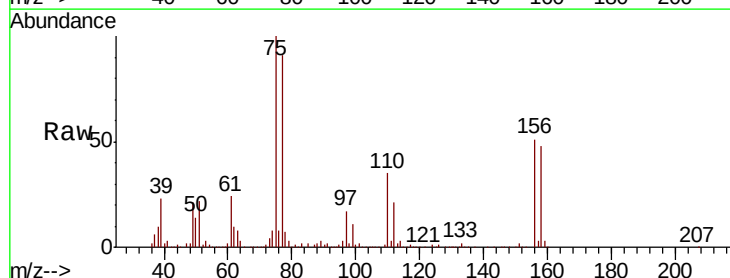
Acq: 07 Jan 2020 10:16

Tgt Ion: 75 Resp: 312231

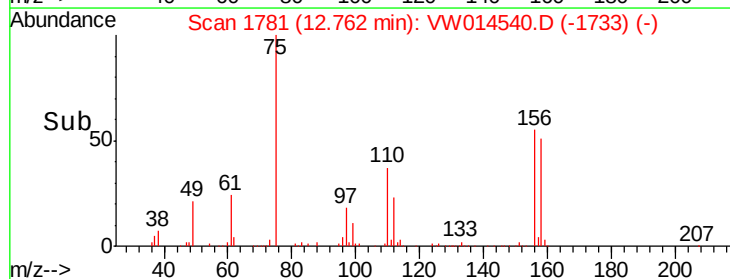
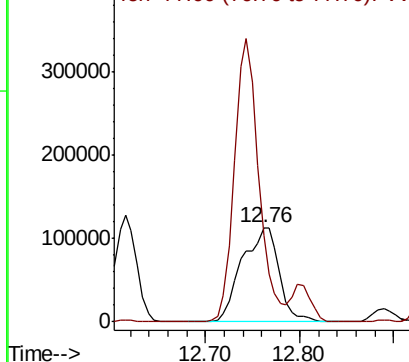
Ion Ratio Lower Upper

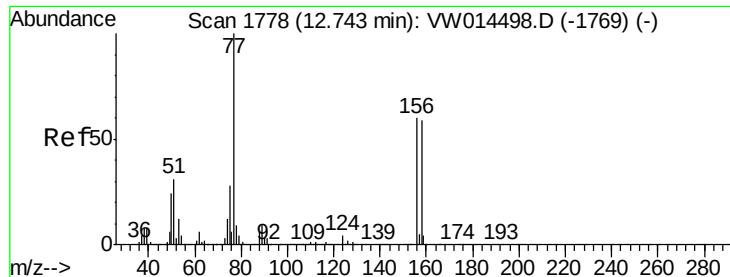
75 100

77 198.1 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: 48.362 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

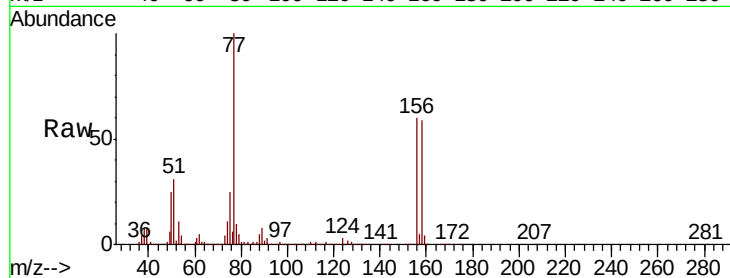
Tot Ion:156 Resp: 337338

Ion Ratio Lower Upper

156 100

77 183.3 92.3 277.1

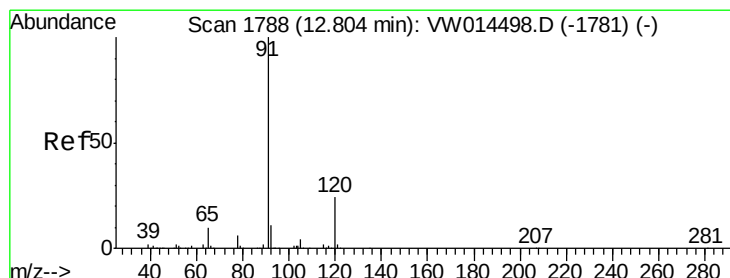
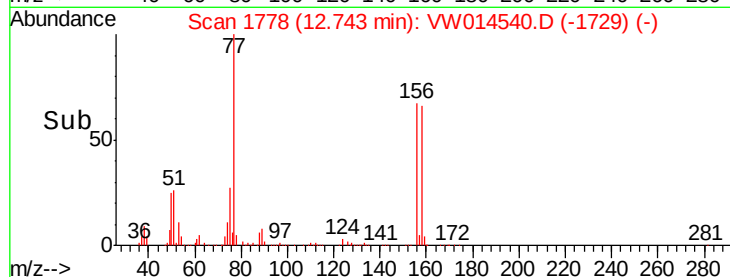
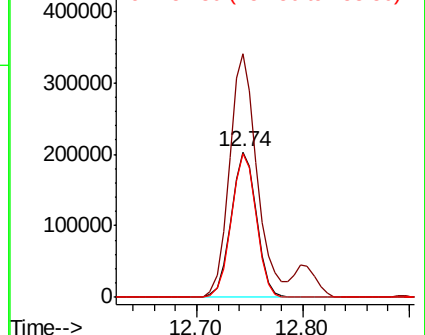
158 97.7 48.6 145.9



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: 49.879 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014540.D

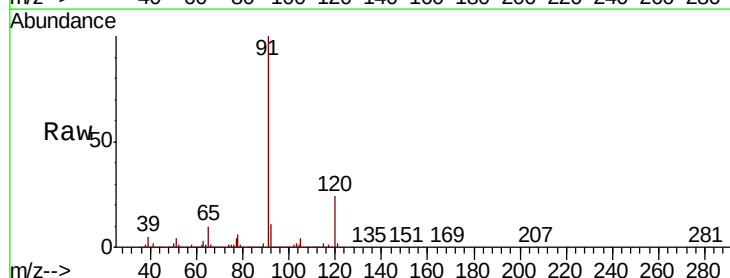
Acq: 07 Jan 2020 10:16

Tgt Ion: 91 Resp: 1761467

Ion Ratio Lower Upper

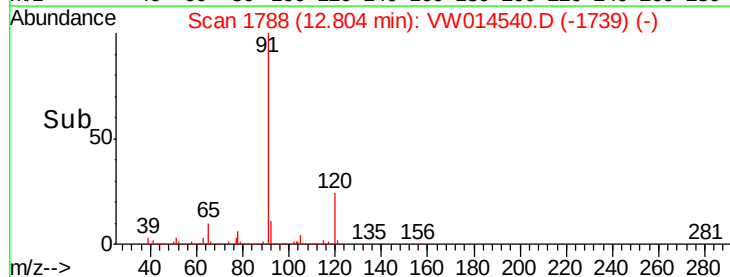
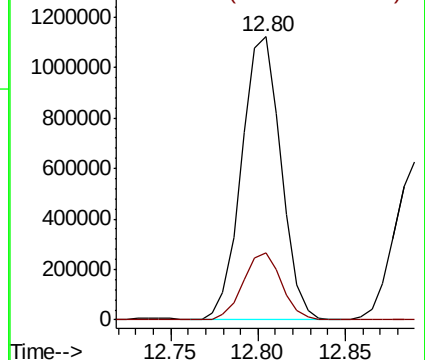
91 100

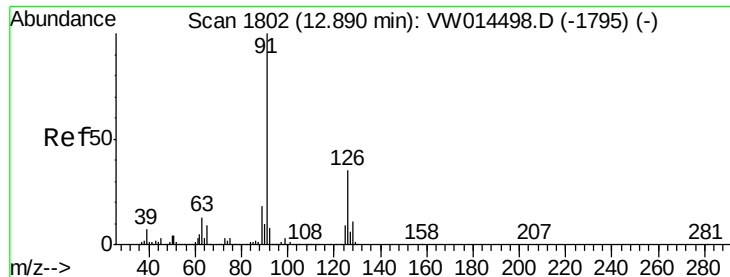
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.105 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

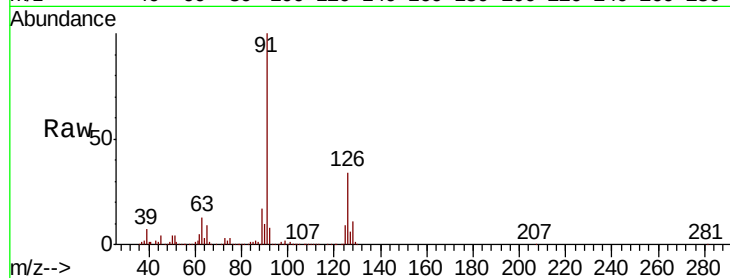
ClientSampled :

Tot Ion: 91 Resp: 986850

Ion Ratio Lower Upper

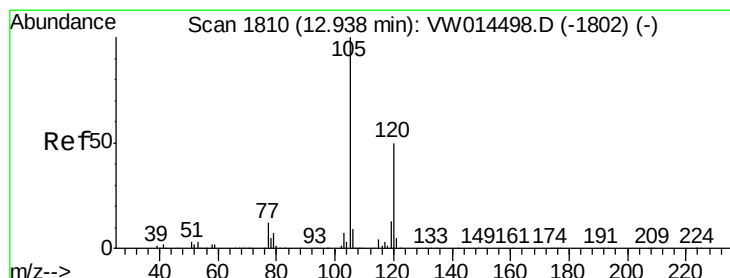
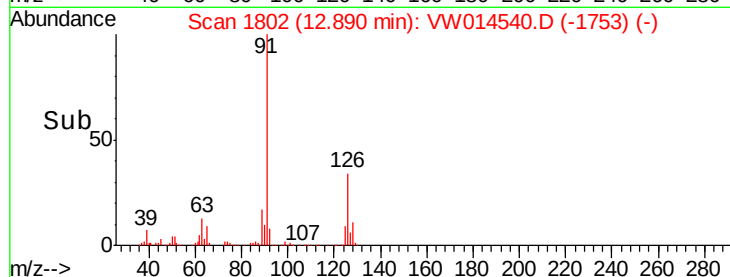
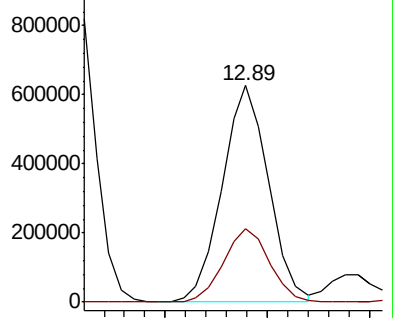
91 100

126 33.8 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.219 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014540.D

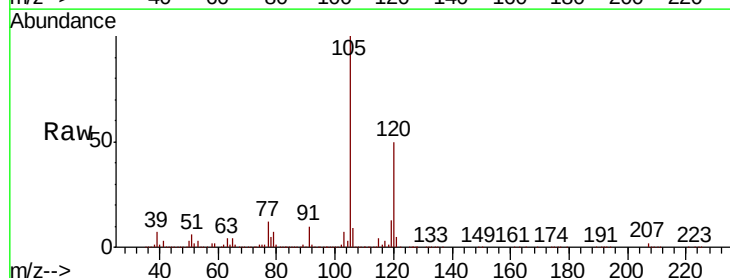
Acq: 07 Jan 2020 10:16

Tgt Ion:105 Resp: 1241104

Ion Ratio Lower Upper

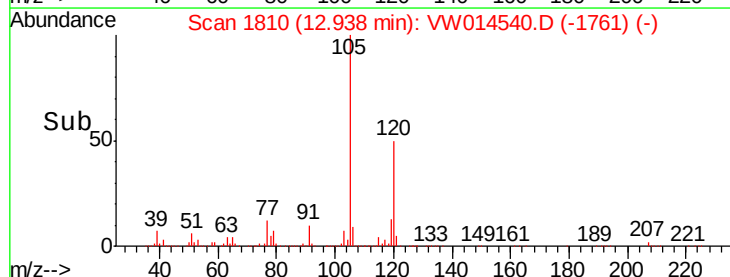
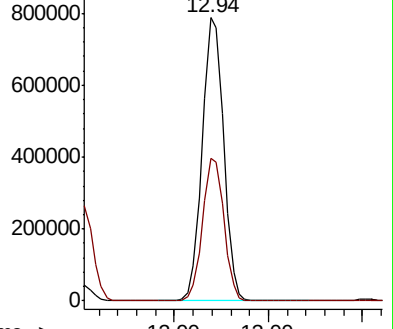
105 100

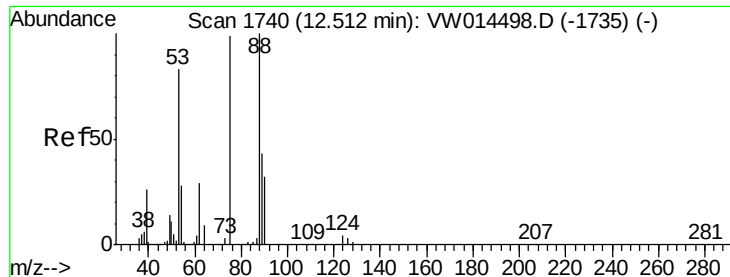
120 50.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

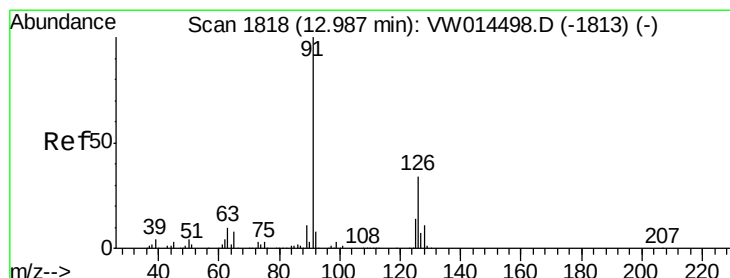
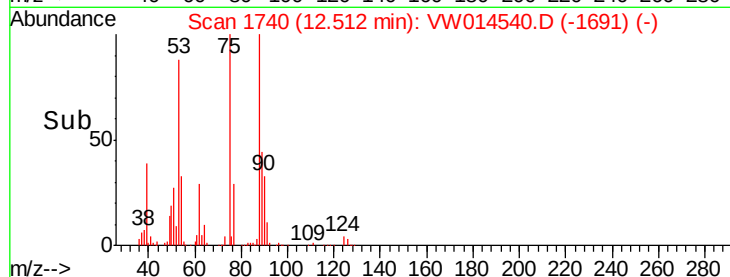
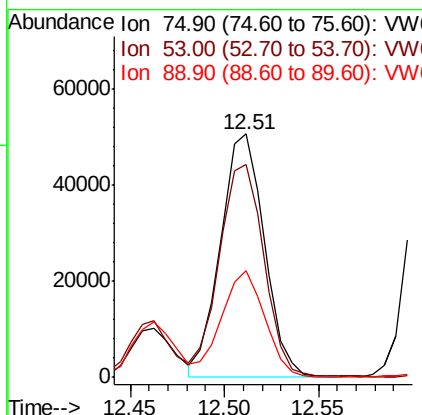
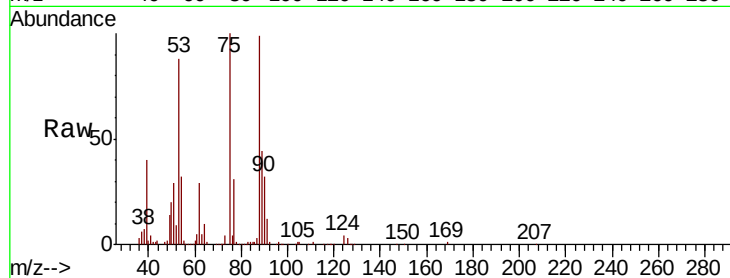




#81
trans-1,4-Dichloro-2-butene
Concen: 46.722 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

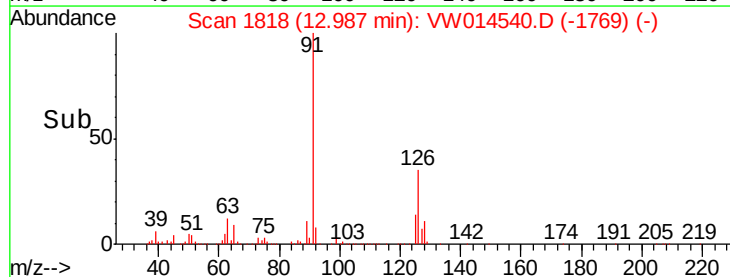
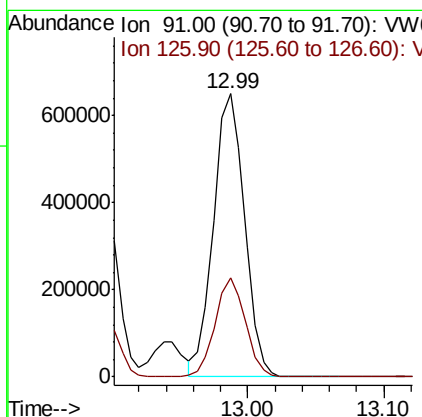
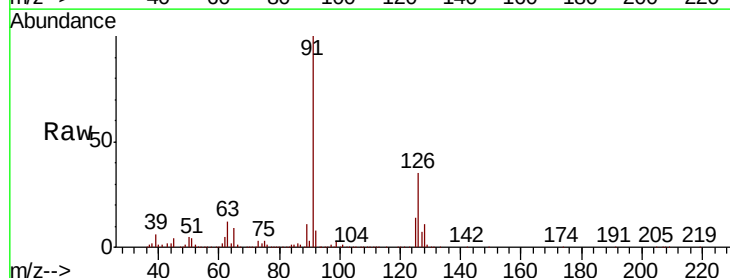
Instrument :
MSVOA_W
ClientSampleId :

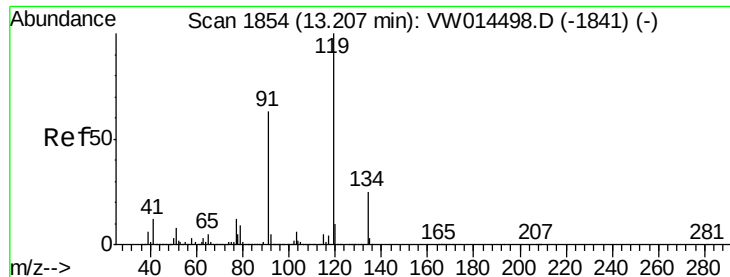
Tot Ion: 75 Resp: 81150
Ion Ratio Lower Upper
75 100
53 90.2 70.9 106.3
89 44.2 35.8 53.8



#82
4-Chlorotoluene
Concen: 49.158 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 91 Resp: 1026390
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2

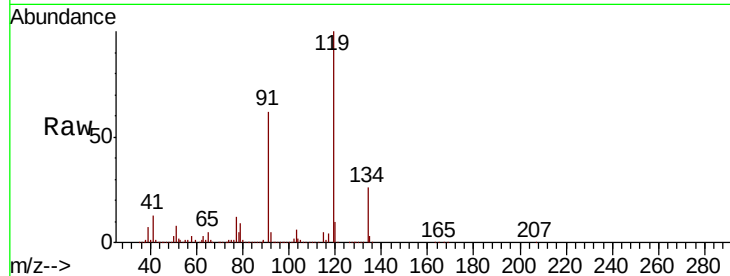




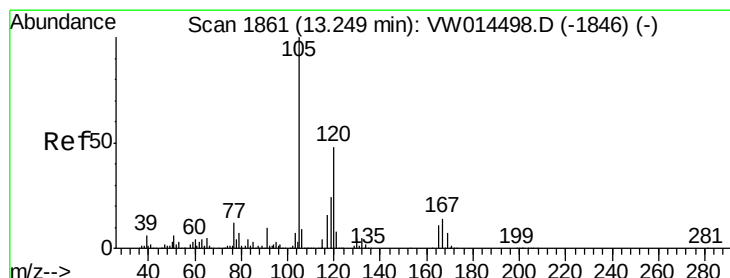
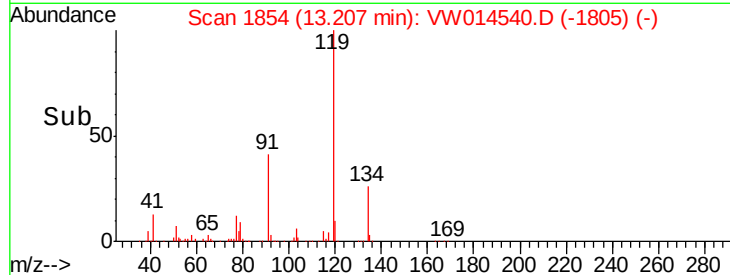
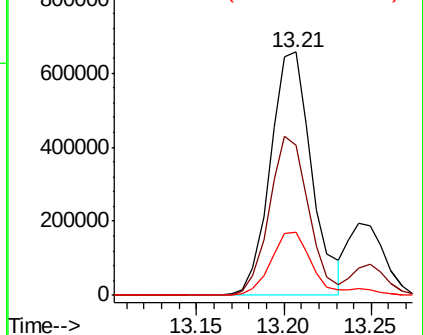
#83
tert-Butylbenzene
Concen: 48.985 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 1081467
Ion Ratio Lower Upper
119 100
91 62.5 31.1 93.3
134 27.0 13.5 40.5

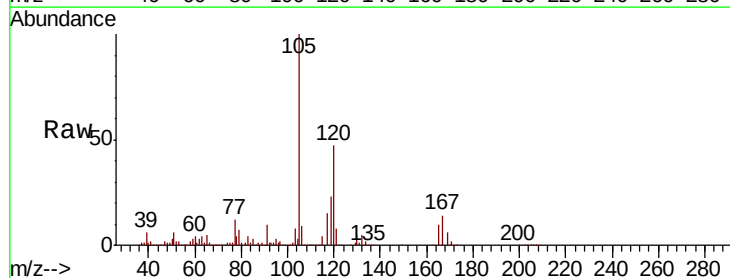


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

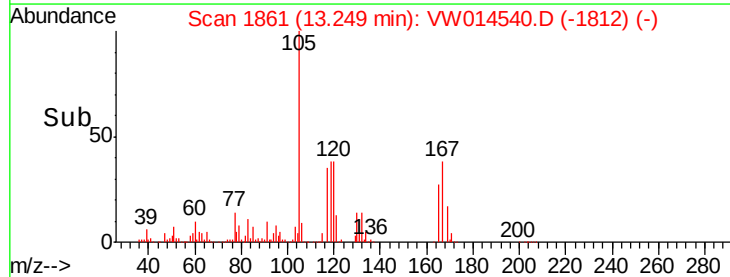
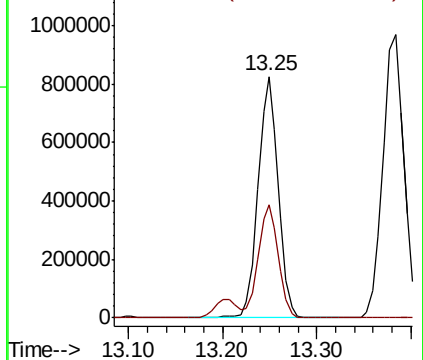


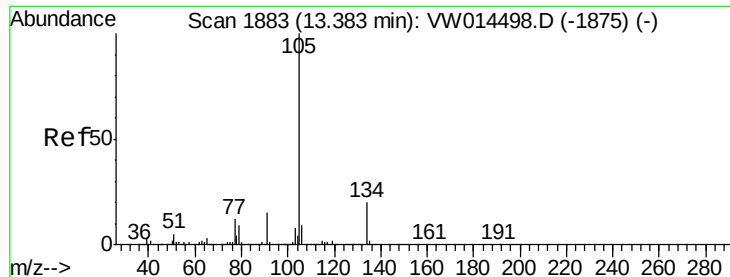
#84
1,2,4-Trimethylbenzene
Concen: 49.548 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion:105 Resp: 1243325
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.0



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

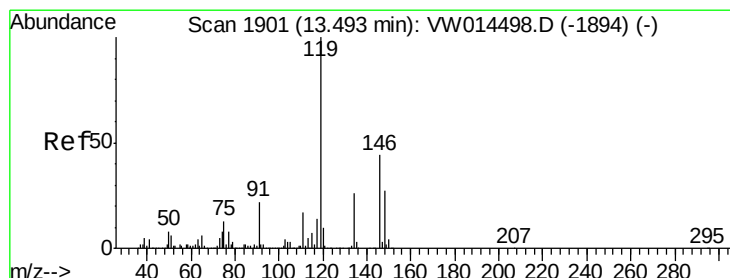
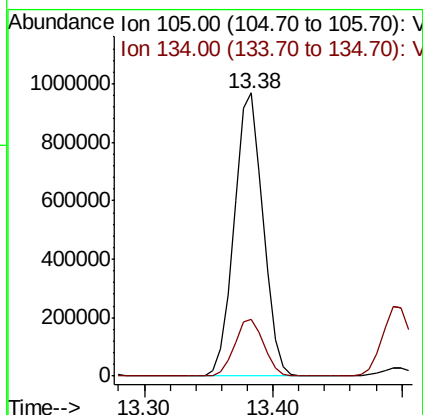
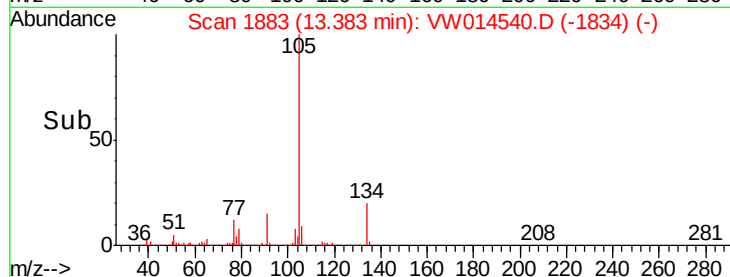
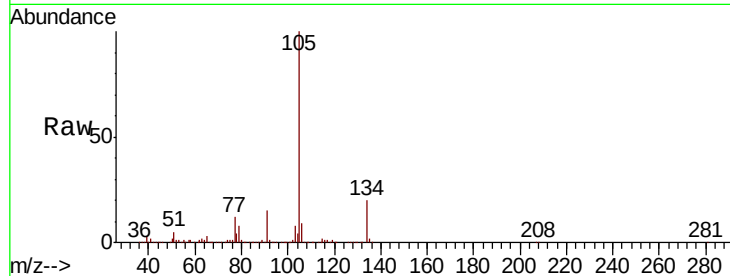




#85
 sec-Butylbenzene
 Concen: 49.113 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

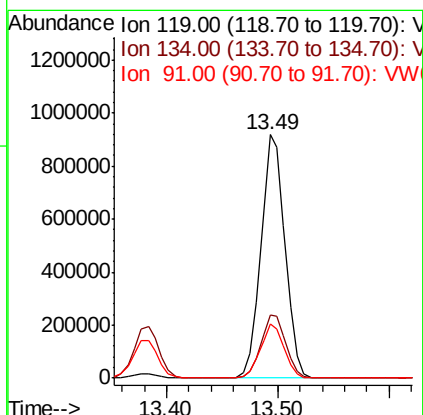
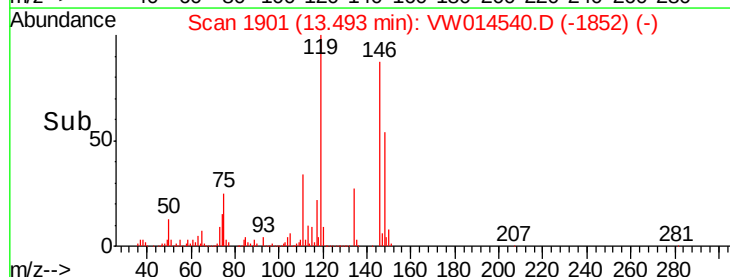
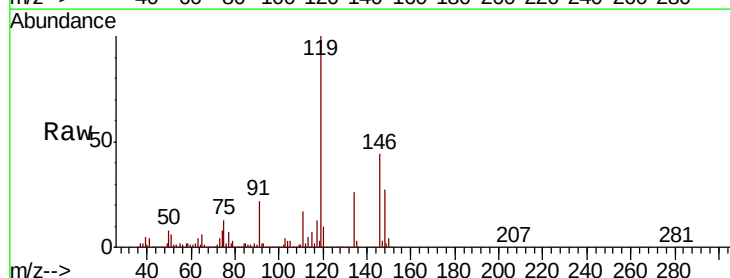
Instrument :
 MSVOA_W
 ClientSampled :

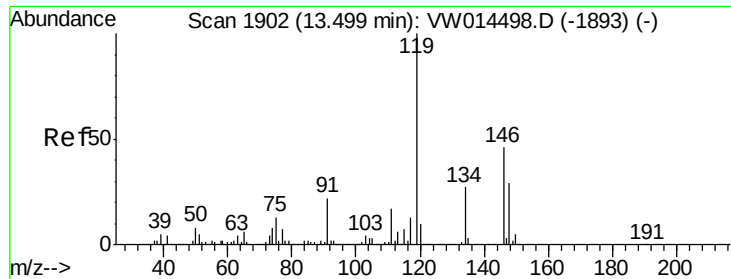
Tot Ion:105 Resp: 1500847
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 49.659 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion:119 Resp: 1383228
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 21.7 11.1 33.3

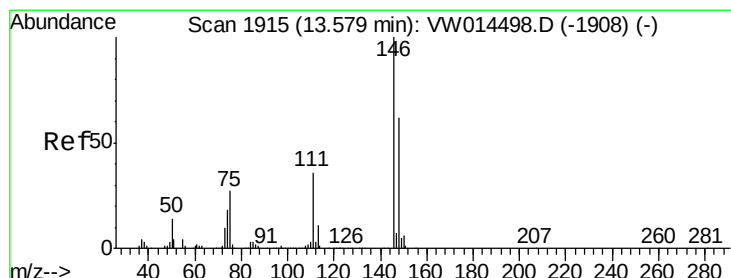
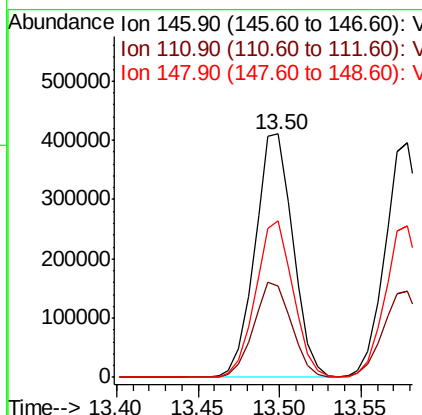
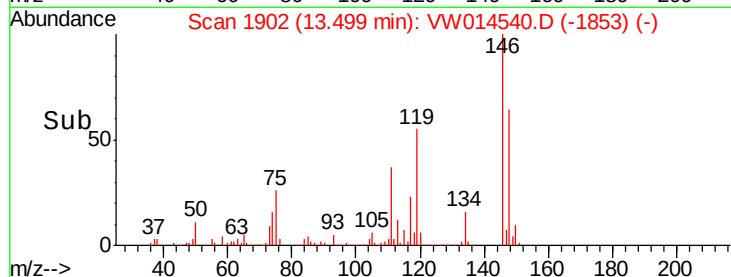
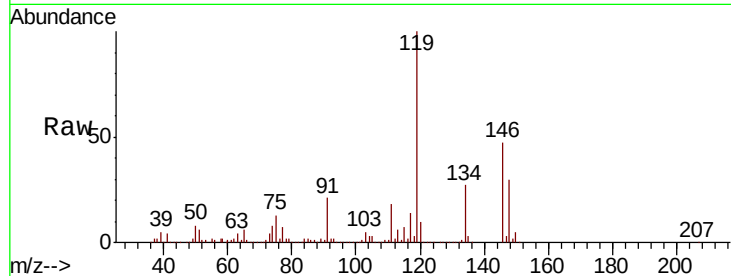




#87
 1,3-Dichlorobenzene
 Concen: 49.116 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

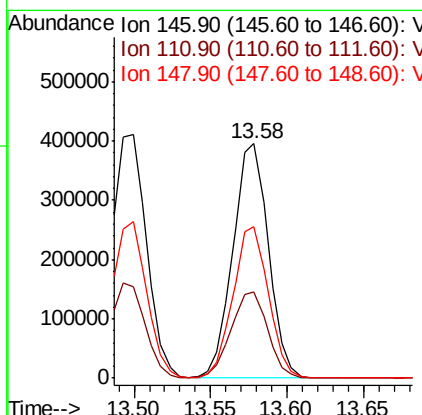
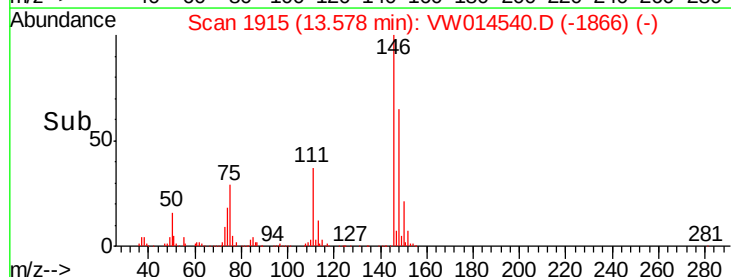
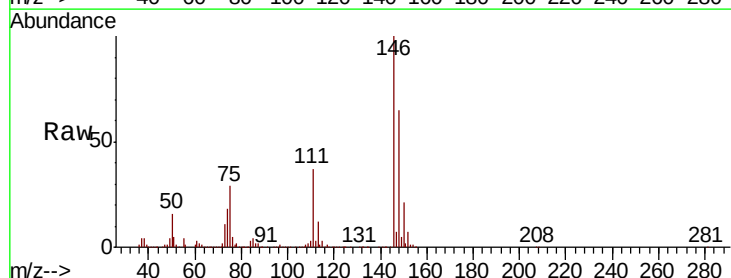
Instrument :
 MSVOA_W
 ClientSampleId :

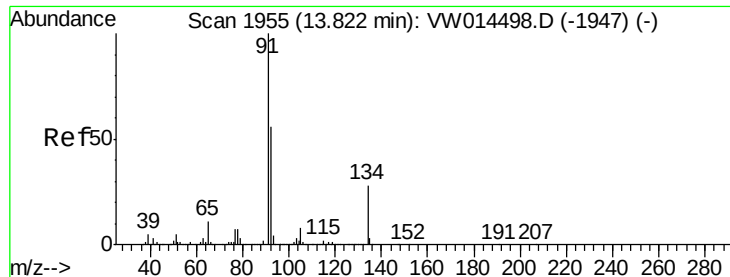
Tot Ion:146 Resp: 666195
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.528 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion:146 Resp: 636436
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 50.291 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

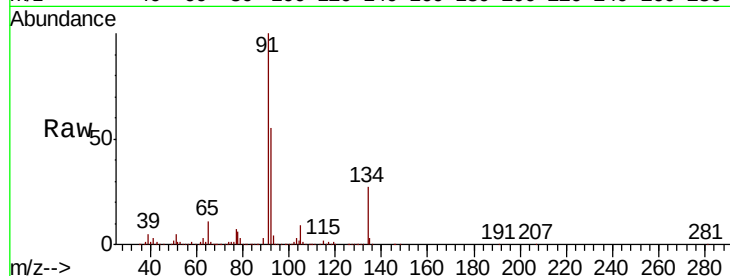
Tot Ion: 91 Resp: 1300833

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.5
134	26.1	13.7	41.1

91 100

92 55.0 27.5 82.5

134 26.1 13.7 41.1

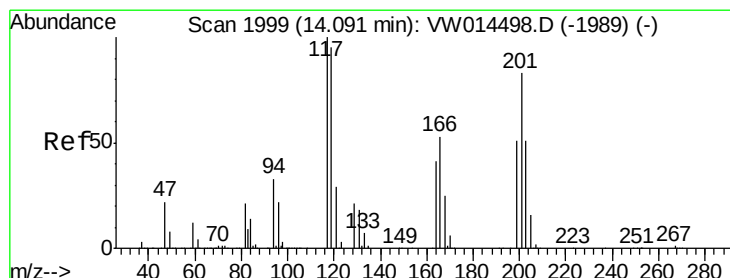
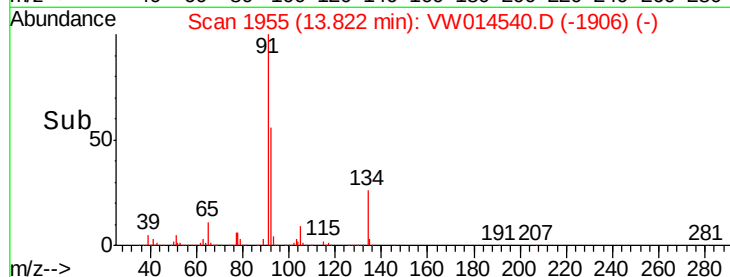
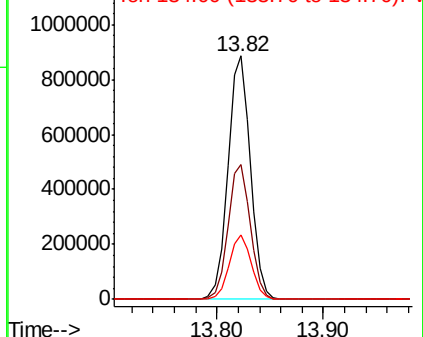


Abundance

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: 49.279 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014540.D

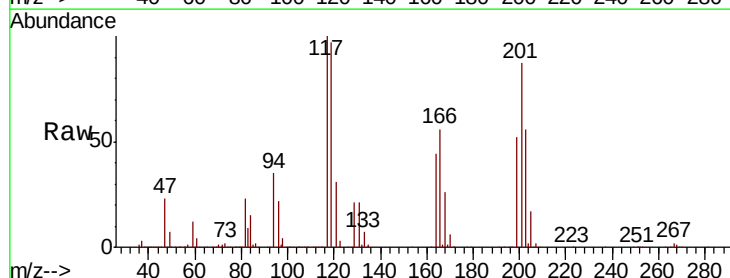
Acq: 07 Jan 2020 10:16

Tgt Ion: 117 Resp: 239791

Ion	Ratio	Lower	Upper
117	100		
201	85.5	43.0	128.8

117 100

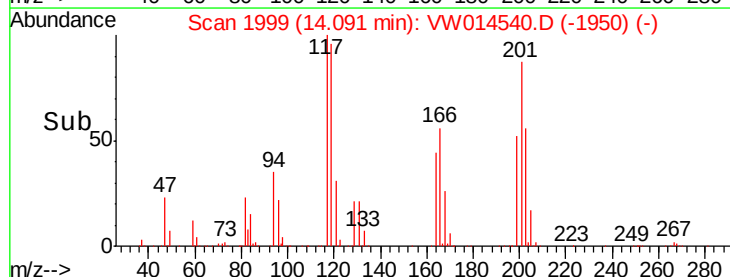
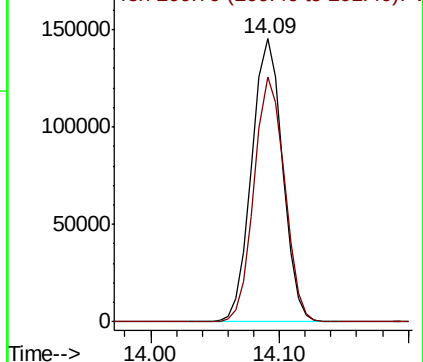
201 85.5 43.0 128.8

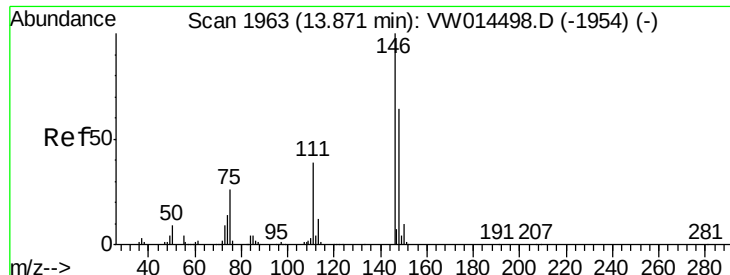


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

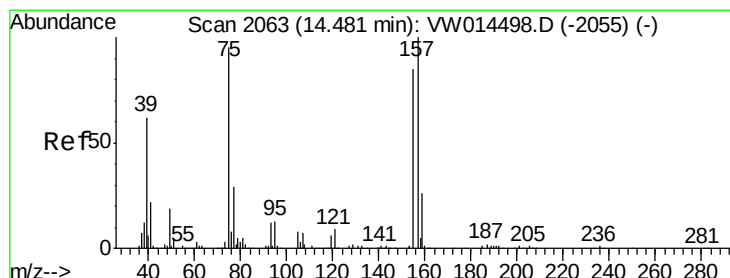
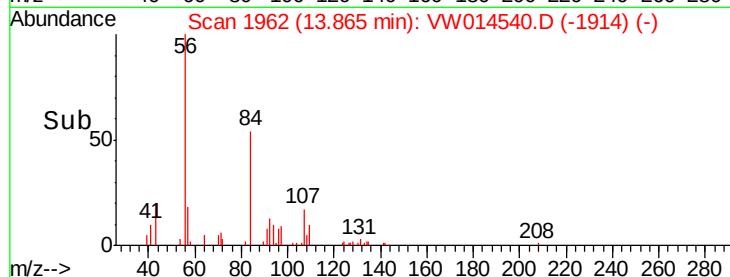
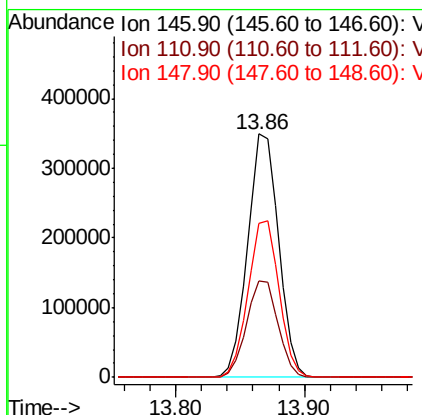
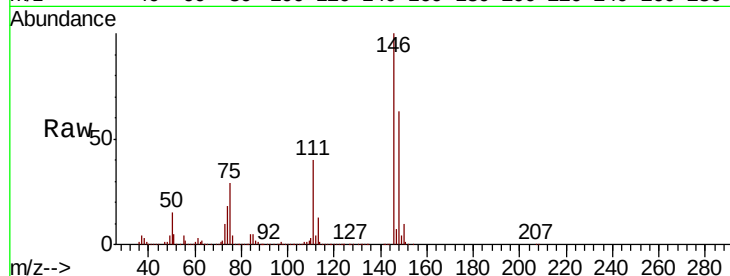




#91
 1,2-Dichlorobenzene
 Concen: 48.456 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

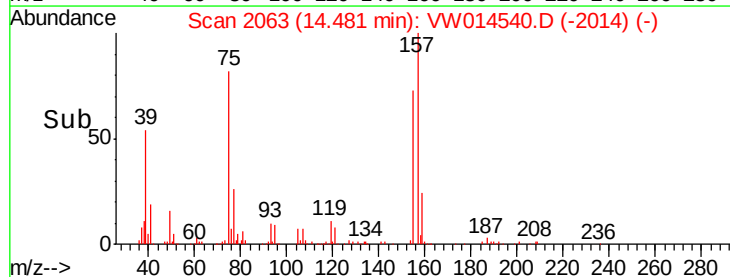
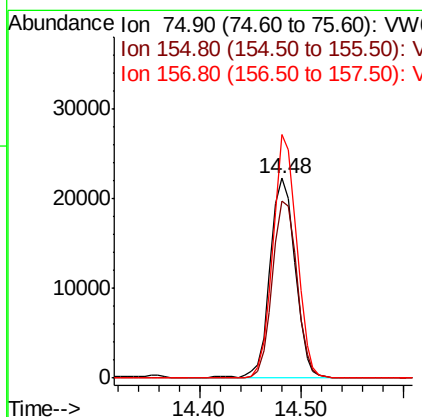
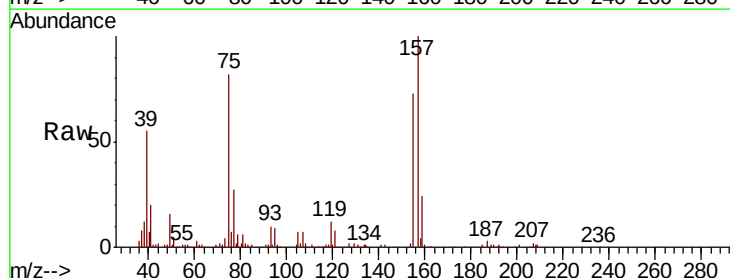
Instrument :
 MSVOA_W
 ClientSampleId :

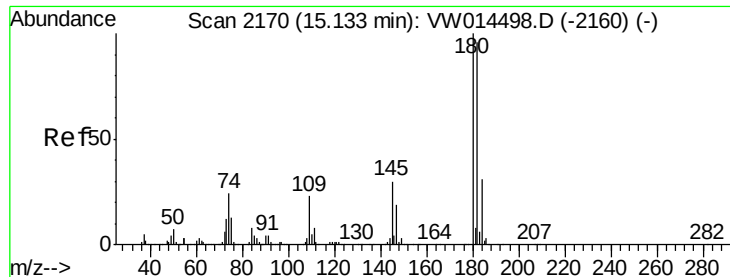
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	64.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.457 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	45.8	137.4
157	113.7	58.1	174.2

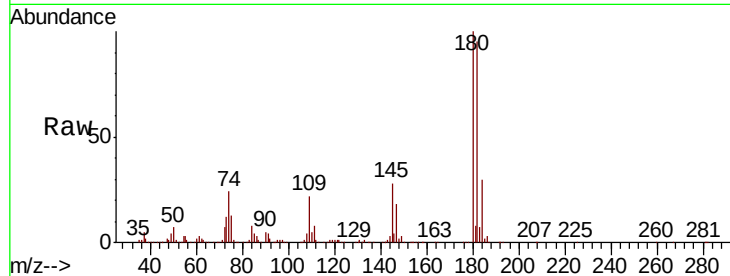




#93
 1,2,4-Trichlorobenzene
 Concen: 49.232 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.8
145	29.0	14.7	44.1

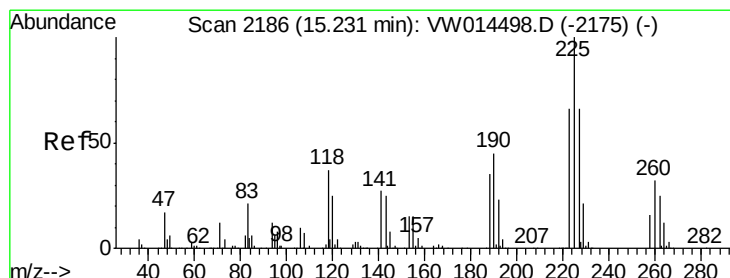
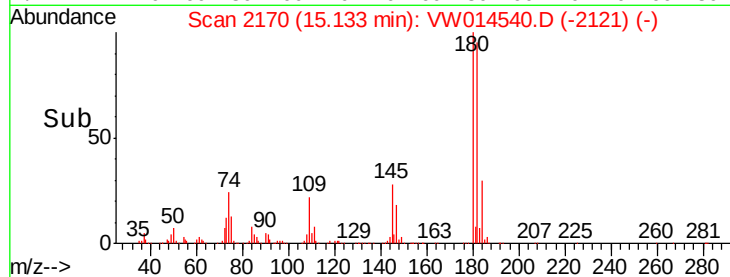
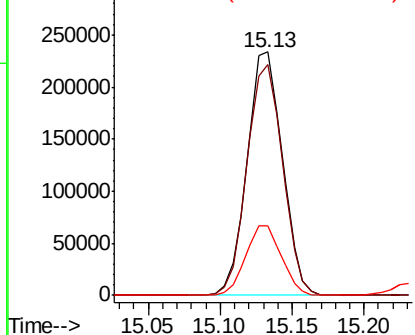


Abundance

Ion 179.80 (179.50 to 180.50): V

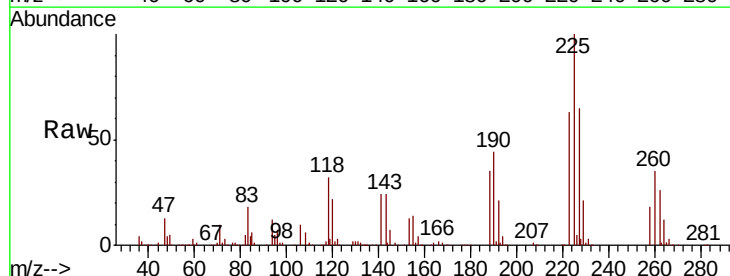
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.901 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.4	97.2
227	65.6	32.6	97.8

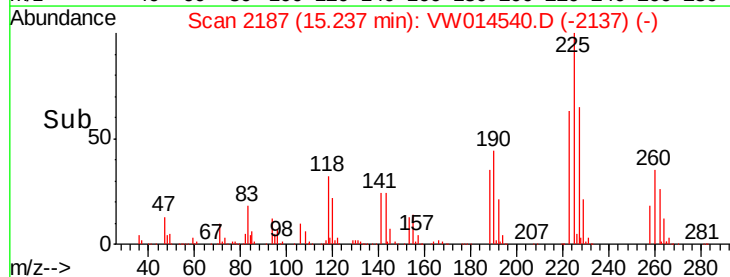
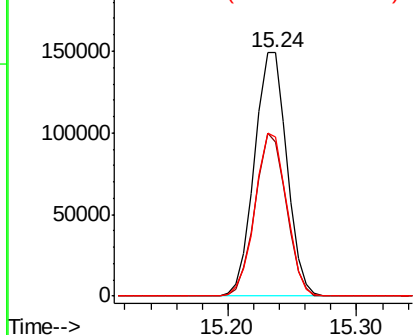


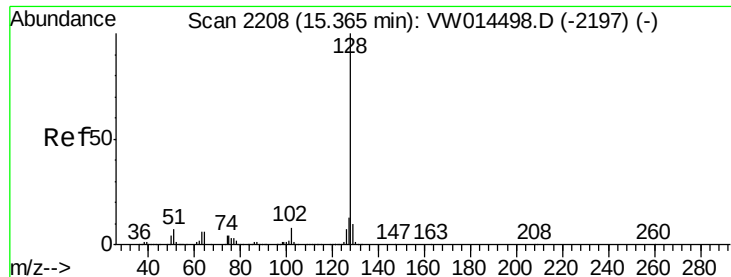
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

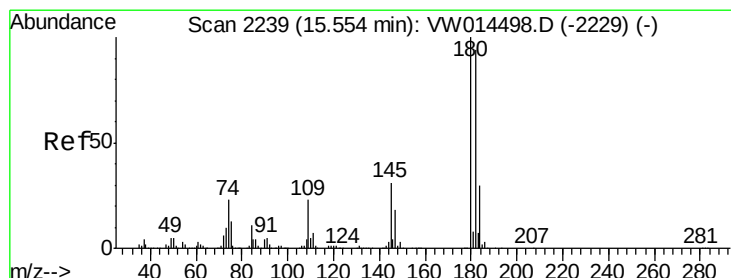
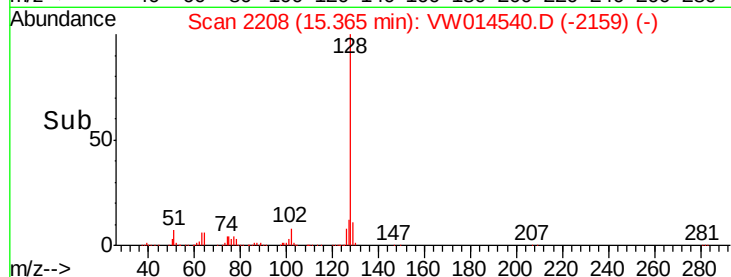
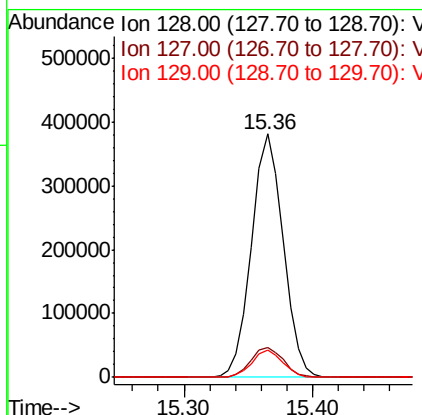
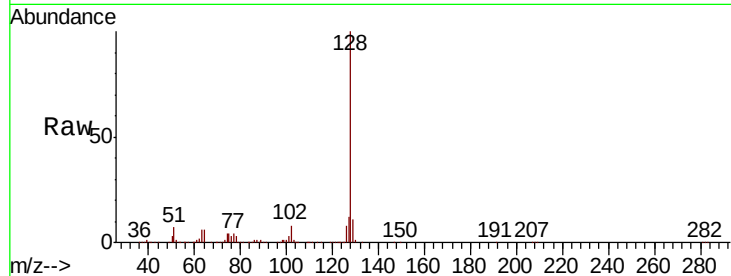




#95
Naphthalene
Concen: 47.210 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 648189
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.941 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion:180 Resp: 336422
Ion Ratio Lower Upper
180 100
182 97.1 47.4 142.2
145 32.0 15.5 46.5

