

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010620\
 Data File : VW014538.D
 Acq On : 06 Jan 2020 21:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 07 12:01:37 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	862281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1309951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1133169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	550195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	378472	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
35) Dibromofluoromethane	7.88	113	377775	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	10.32	98	1552007	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	511665	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	223352	45.876	ug/l	98
3) Chloromethane	2.21	50	265529	44.557	ug/l	100
4) Vinyl Chloride	2.36	62	434958	49.624	ug/l	98
5) Bromomethane	2.78	94	273910	50.587	ug/l	100
6) Chloroethane	2.92	64	258501	51.737	ug/l	100
7) Trichlorofluoromethane	3.25	101	189882	43.298	ug/l	100
8) Diethyl Ether	3.68	74	226608	51.933	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	405615	49.501	ug/l	100
10) Methyl Iodide	4.27	142	634721	51.338	ug/l	99
11) Tert butyl alcohol	5.16	59	140828	241.489	ug/l	99
12) 1,1-Dichloroethene	4.04	96	427885	49.864	ug/l	99
13) Acrolein	3.89	56	193038	293.365	ug/l	97
14) Allyl chloride	4.66	41	671980	51.245	ug/l	99
15) Acrylonitrile	5.35	53	516027	258.724	ug/l	99
16) Acetone	4.12	43	408519	191.903	ug/l	100
17) Carbon Disulfide	4.39	76	1274271	49.270	ug/l	99
18) Methyl Acetate	4.67	43	271264	52.762	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	589772	55.368	ug/l	100
20) Methylene Chloride	4.91	84	466266	54.565	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	460432	50.533	ug/l	99
22) Diisopropyl ether	6.31	45	1311778	53.445	ug/l	99
23) Vinyl Acetate	6.25	43	3865445	260.803	ug/l	100
24) 1,1-Dichloroethane	6.21	63	796281	51.432	ug/l	99
25) 2-Butanone	7.17	43	642497	235.182	ug/l	100
26) 2,2-Dichloropropane	7.16	77	380720	44.416	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	490684	51.252	ug/l	99
28) Bromochloromethane	7.51	49	331454	54.607	ug/l	100
29) Tetrahydrofuran	7.52	42	425457	251.387	ug/l	99
30) Chloroform	7.67	83	744966	51.455	ug/l	100
31) Cyclohexane	7.95	56	762991	47.421	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	584867	50.229	ug/l	100
36) 1,1-Dichloropropene	8.08	75	622532	49.296	ug/l	100
37) Ethyl Acetate	7.25	43	286872	50.087	ug/l	99
38) Carbon Tetrachloride	8.07	117	524798	47.901	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	794228	49.007	ug/l	97
40) Benzene	8.32	78	1809275	50.637	ug/l	100
41) Methacrylonitrile	7.48	41	159918	50.089	ug/l	99
42) 1,2-Dichloroethane	8.40	62	469327	50.616	ug/l	99
43) Isopropyl Acetate	8.42	43	540549	51.974	ug/l	100
44) Trichloroethene	9.09	130	481330	49.784	ug/l	97
45) 1,2-Dichloropropane	9.37	63	451144	51.454	ug/l	96
46) Dibromomethane	9.46	93	216837	50.096	ug/l	99
47) Bromodichloromethane	9.64	83	551290	51.588	ug/l	98
48) Methyl methacrylate	9.43	41	266395	52.462	ug/l	99
49) 1,4-Dioxane	9.44	88	75009	926.526	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1405028	260.145	ug/l	100
52) Toluene	10.38	92	1140417	50.734	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	557992	50.431	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	684834	50.643	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	324887	51.393	ug/l	98
56) Ethyl methacrylate	10.65	69	437829	53.293	ug/l	99
57) 1,3-Dichloropropane	10.93	76	562865	50.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	707906	283.318	ug/l	99
59) 2-Hexanone	10.96	43	947142	254.490	ug/l	99
60) Dibromochloromethane	11.13	129	357323	50.097	ug/l	98
61) 1,2-Dibromoethane	11.23	107	302118	50.347	ug/l	99
64) Tetrachloroethene	10.86	164	396384	48.317	ug/l	99
65) Chlorobenzene	11.65	112	1165593	50.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	393131	50.295	ug/l	99
67) Ethyl Benzene	11.73	91	2086364	49.869	ug/l	99
68) m/p-Xylenes	11.84	106	1611769	100.659	ug/l	99
69) o-Xylene	12.16	106	750371	50.733	ug/l	100
70) Styrene	12.18	104	1280338	51.179	ug/l	100
71) Bromoform	12.35	173	211455	49.596	ug/l #	97
73) Isopropylbenzene	12.46	105	2038209	50.487	ug/l	100
74) N-amyl acetate	12.27	43	474403	52.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	370229	50.809	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	458279	88.096	ug/l #	100
77) Bromobenzene	12.74	156	473292	50.477	ug/l	100
78) n-propylbenzene	12.80	91	2405852	50.680	ug/l	100
79) 2-Chlorotoluene	12.89	91	1349564	49.956	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1691427	49.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	114797	49.168	ug/l	98
82) 4-Chlorotoluene	12.99	91	1405469	50.076	ug/l	100
83) tert-Butylbenzene	13.21	119	1483080	49.973	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1691309	50.140	ug/l	100
85) sec-Butylbenzene	13.38	105	2046175	49.811	ug/l	100
86) p-Isopropyltoluene	13.49	119	1848652	49.372	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	902780	49.513	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	883001	49.054	ug/l	100
89) n-Butylbenzene	13.82	91	1726802	49.663	ug/l	100
90) Hexachloroethane	14.09	117	318680	48.720	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	791329	49.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	55605	48.188	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

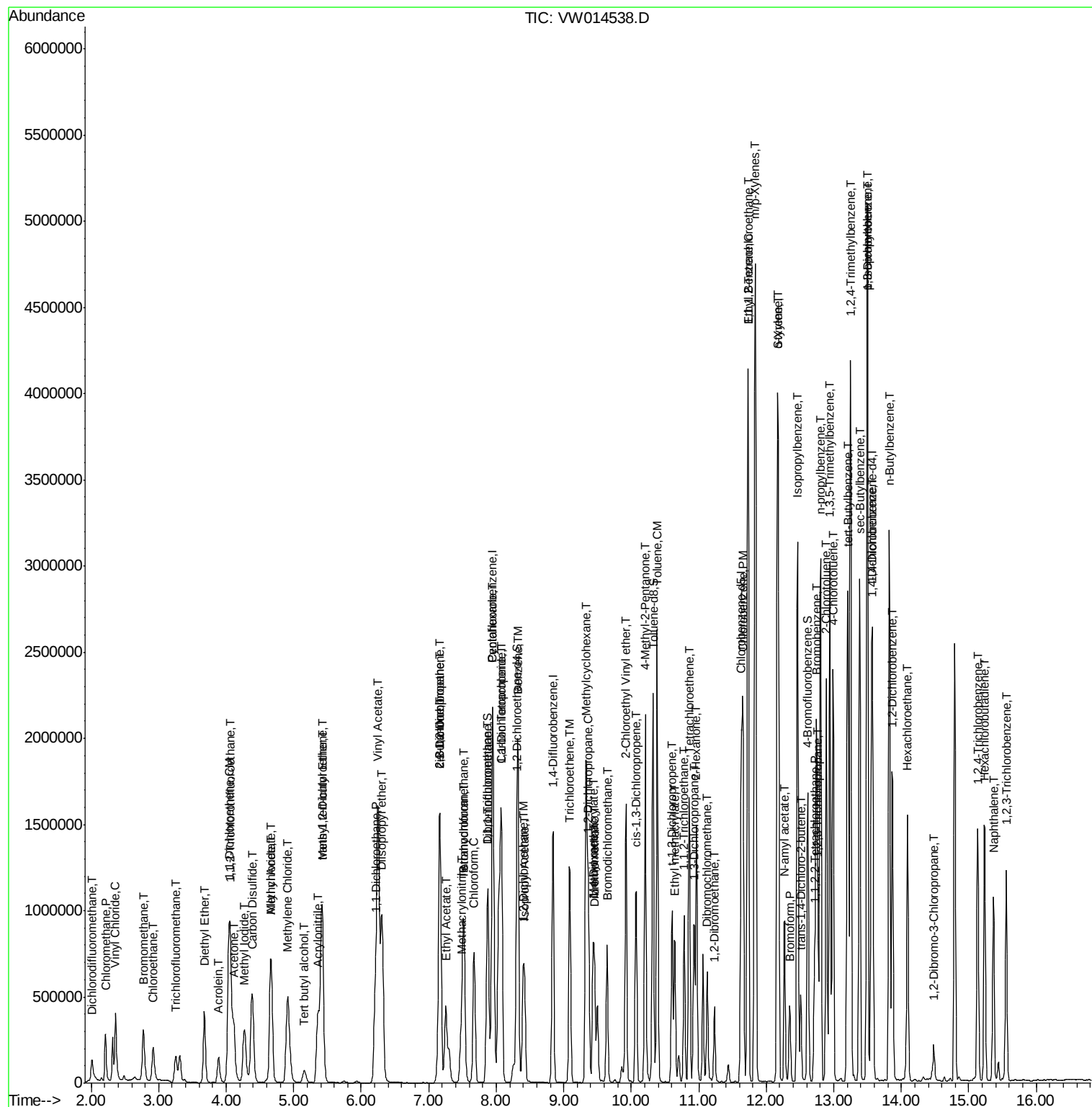
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	521712	48.209	ug/l	99
94) Hexachlorobutadiene	15.24	225	324355	44.725	ug/l	99
95) Naphthalene	15.36	128	915476	49.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	450318	47.738	ug/l	99

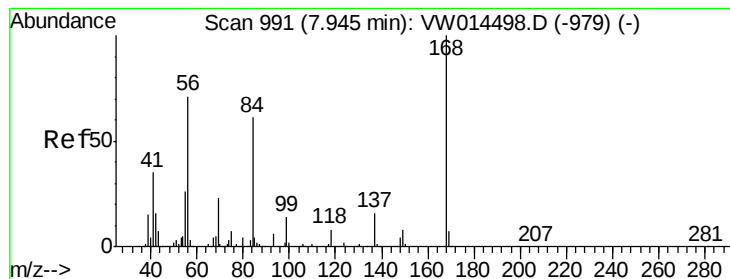
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010620\
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

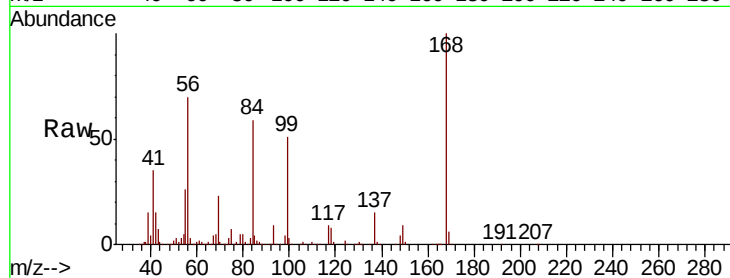
ClientSampleId :

Tot Ion:168 Resp: 862281

Ion Ratio Lower Upper

168 100

99 50.9 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

400000

300000

200000

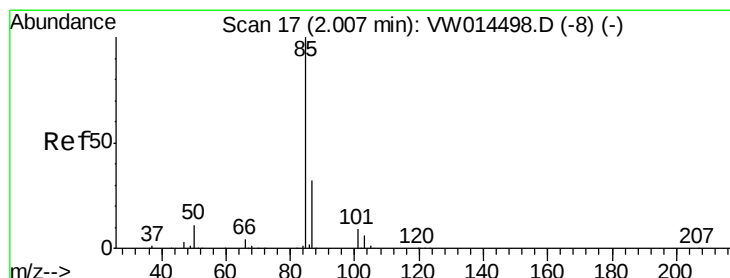
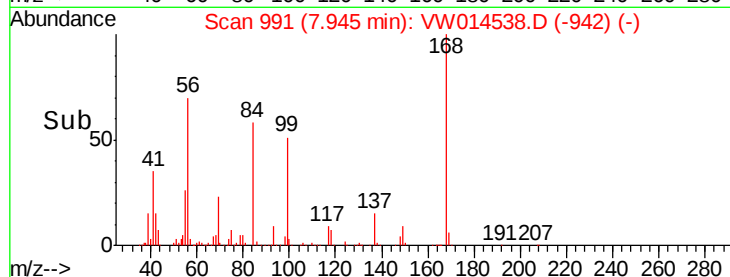
100000

0

Time--> 7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 45.876 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014538.D

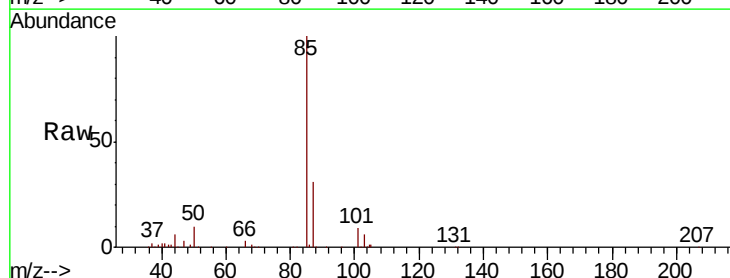
Acq: 06 Jan 2020 21:36

Tgt Ion: 85 Resp: 223352

Ion Ratio Lower Upper

85 100

87 31.4 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

80000

60000

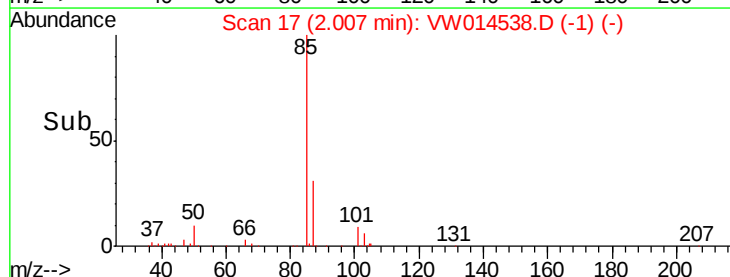
40000

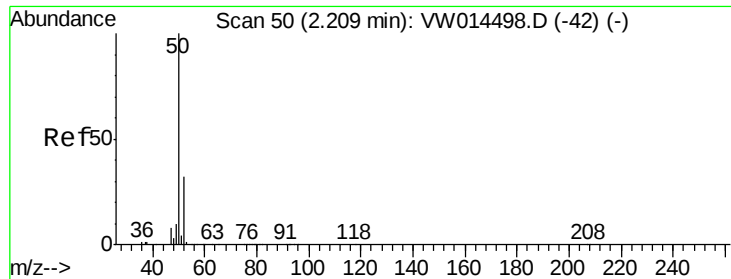
20000

0

Time--> 2.00

2.20





#3

Chloromethane

Concen: 44.557 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

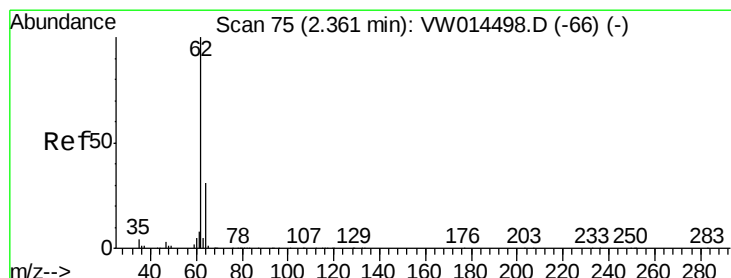
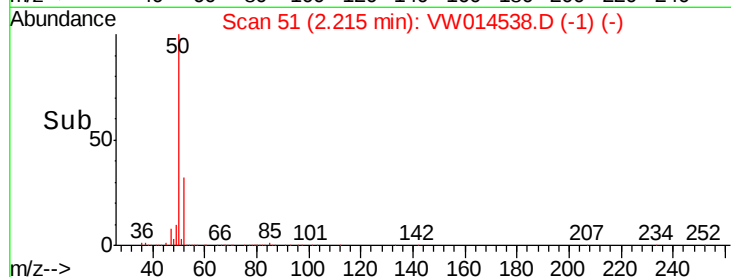
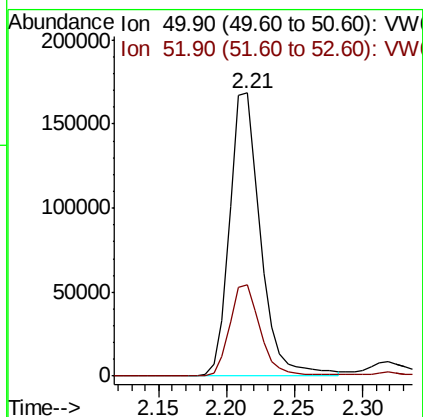
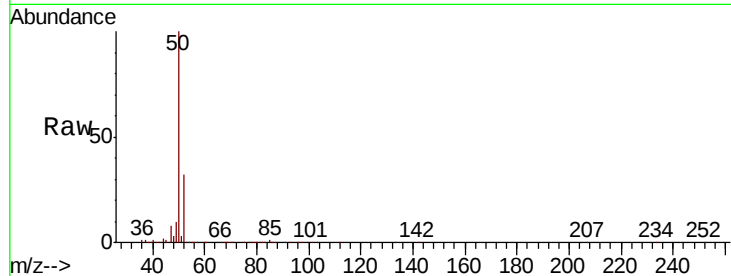
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 265529

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 49.624 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014538.D

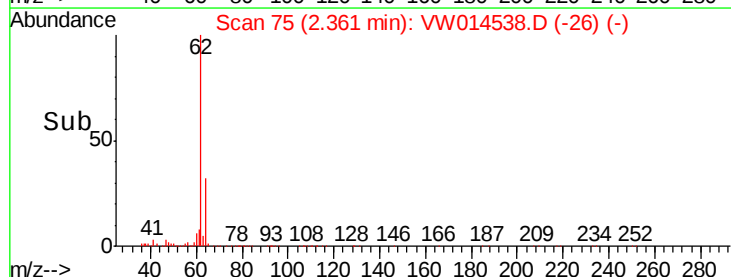
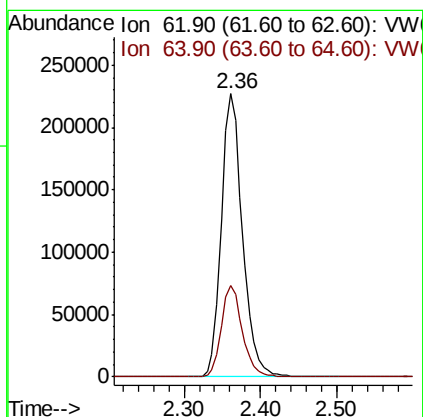
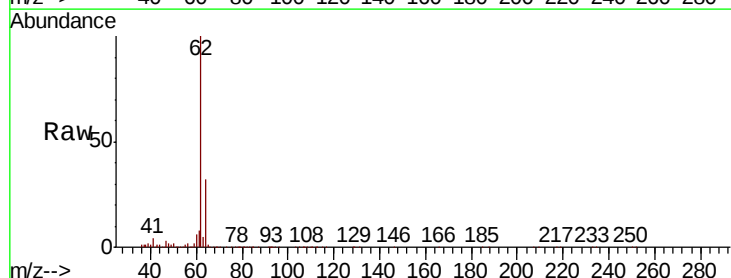
Acq: 06 Jan 2020 21:36

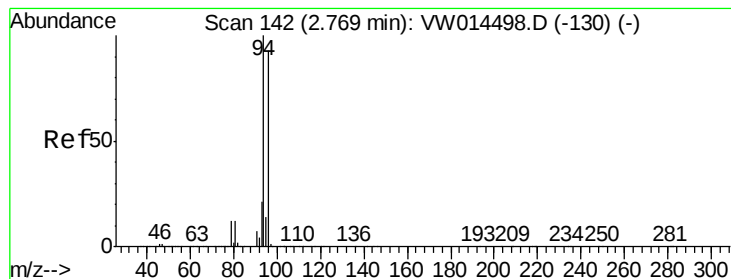
Tgt Ion: 62 Resp: 434958

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 50.587 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

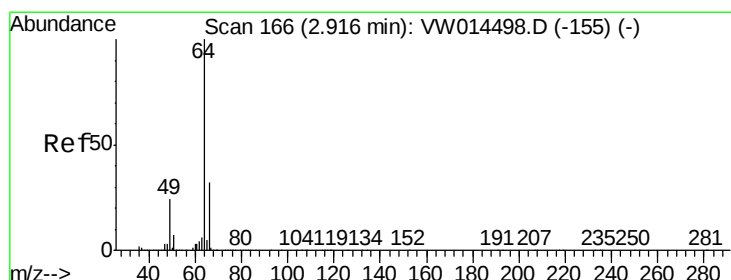
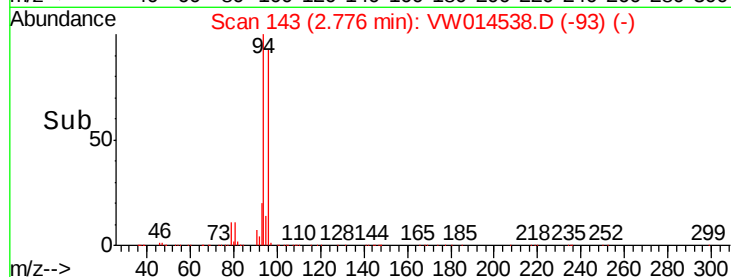
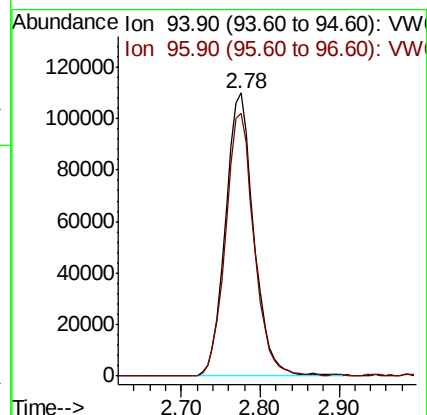
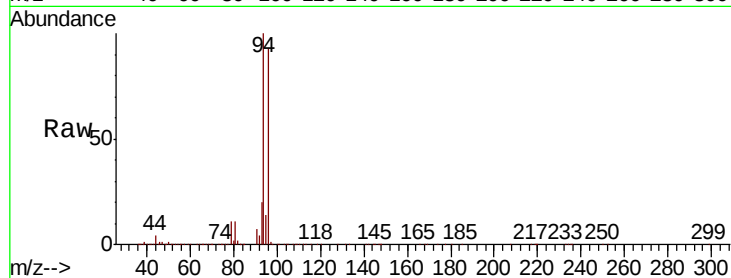
ClientSampled :

Tot Ion: 94 Resp: 273910

Ion Ratio Lower Upper

94 100

96 93.0 74.2 111.2



#6

Chloroethane

Concen: 51.737 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014538.D

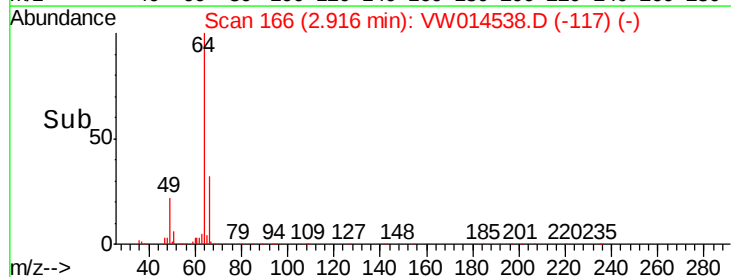
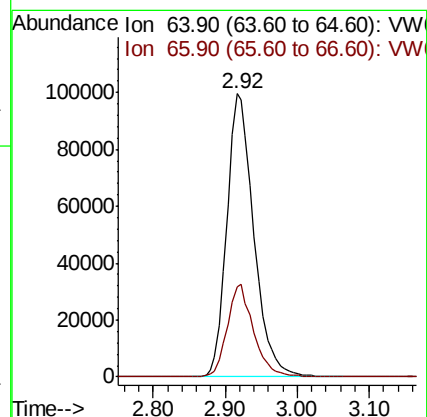
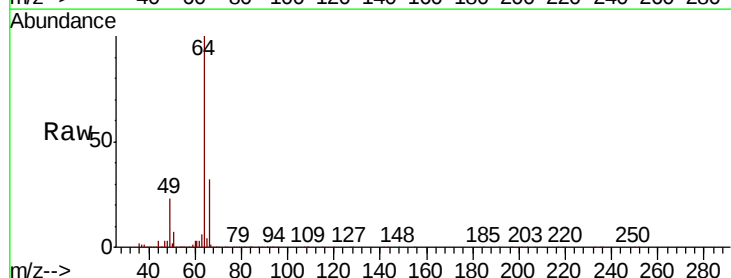
Acq: 06 Jan 2020 21:36

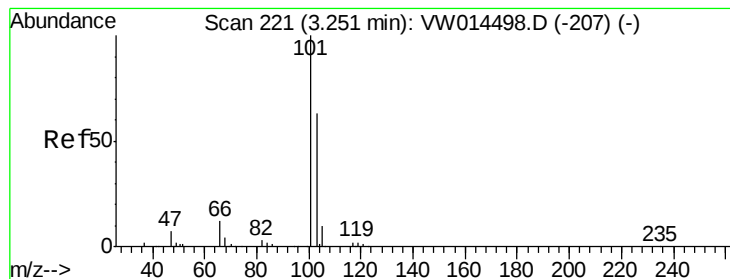
Tgt Ion: 64 Resp: 258501

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5



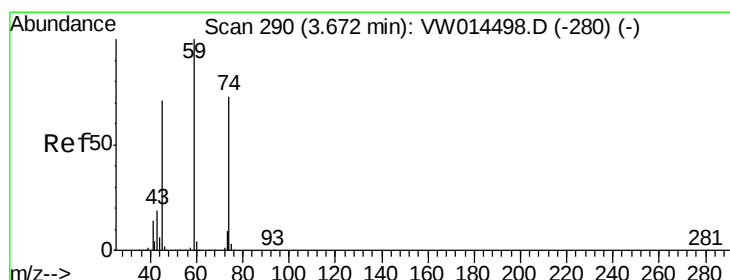
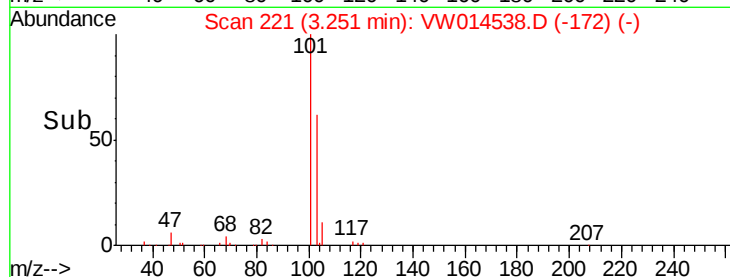
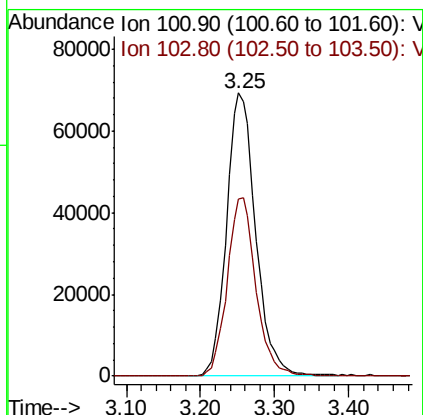
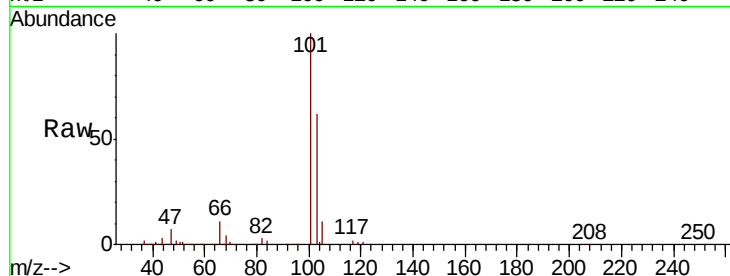


#7

Trichlorofluoromethane
Concen: 43.298 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Instrument :
MSVOA_W
ClientSampleId :

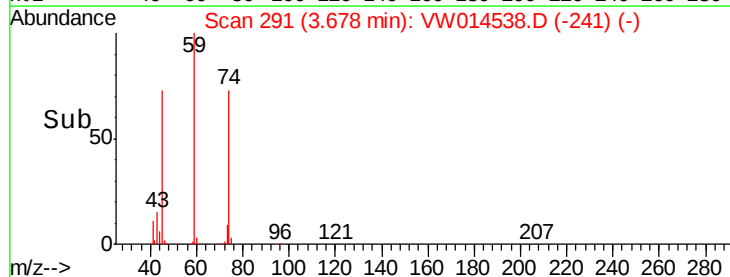
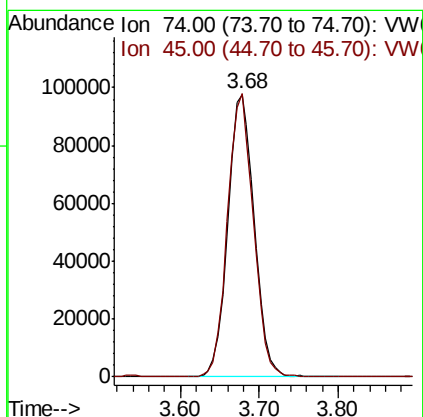
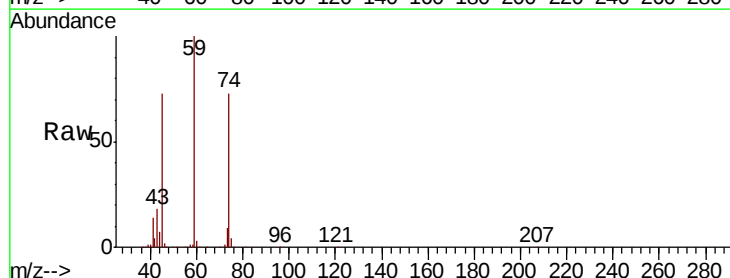
Tot Ion:101 Resp: 189882
Ion Ratio Lower Upper
101 100
103 62.5 50.1 75.1



#8

Diethyl Ether
Concen: 51.933 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 74 Resp: 226608
Ion Ratio Lower Upper
74 100
45 98.0 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.501 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampled :

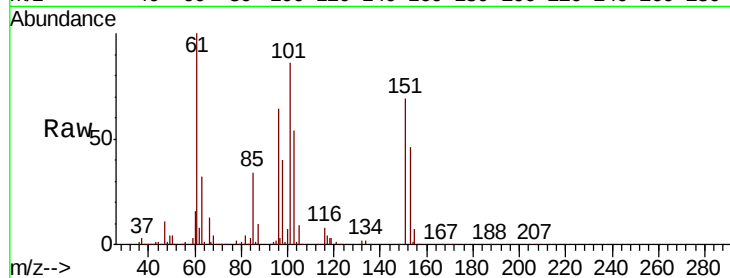
Tot Ion:101 Resp: 405615

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

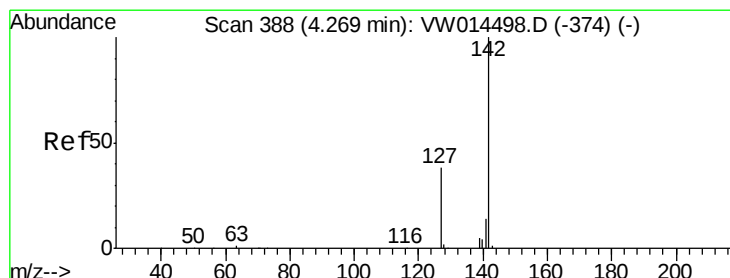
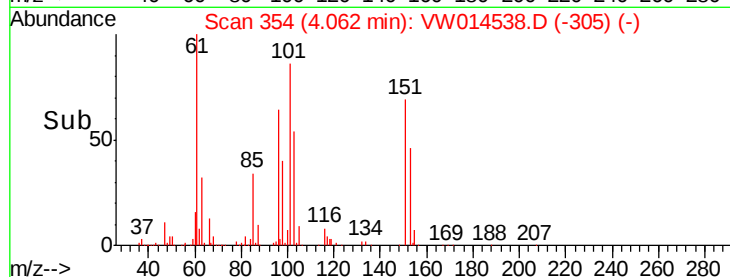
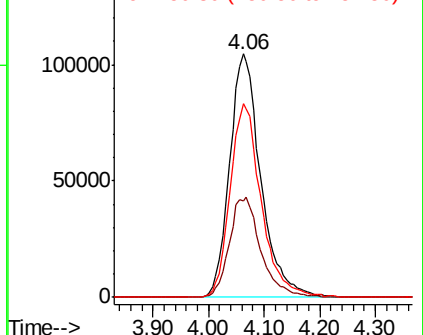
151 79.6 63.5 95.3



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: 51.338 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

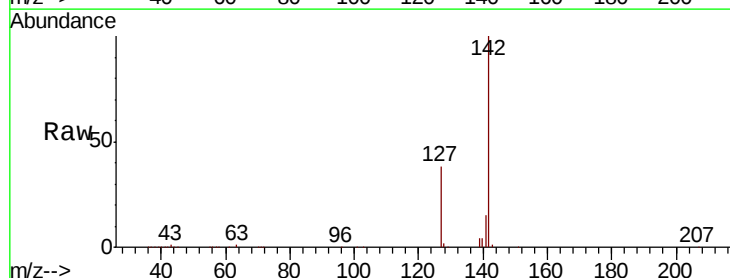
Tgt Ion:142 Resp: 634721

Ion Ratio Lower Upper

142 100

127 38.4 30.2 45.4

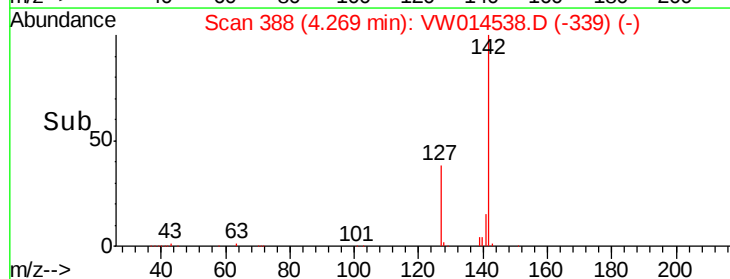
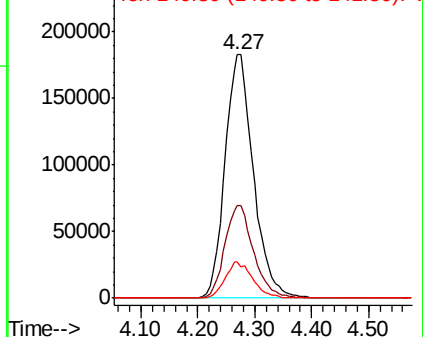
141 14.5 11.4 17.2

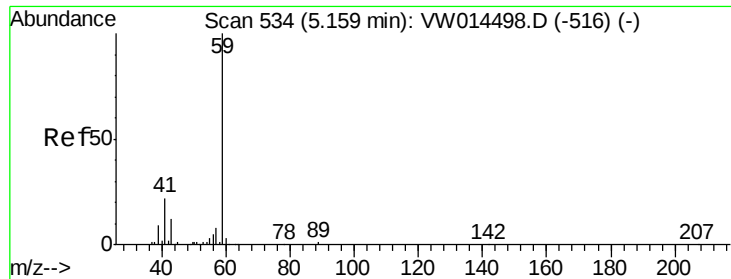


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



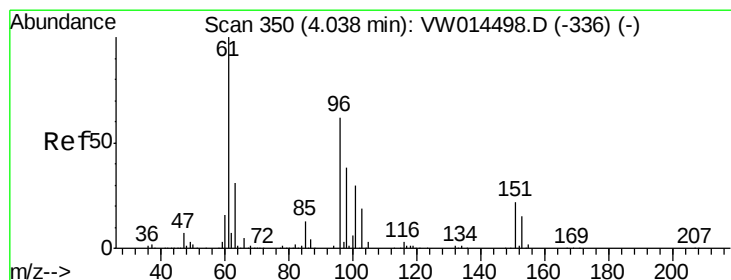
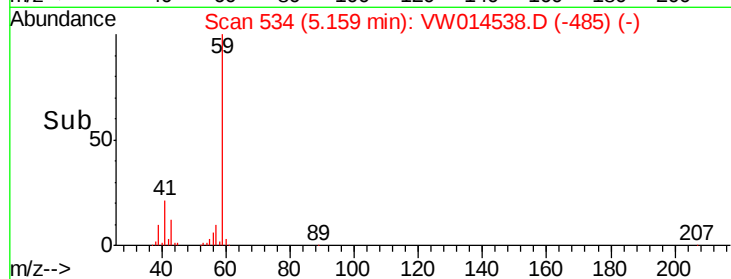
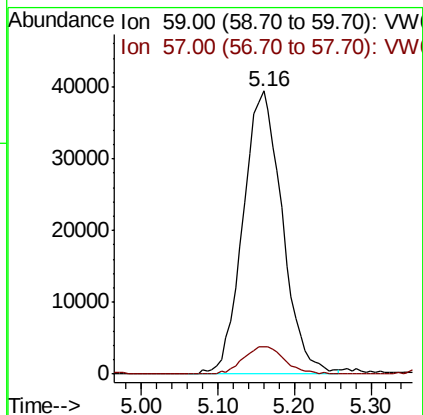
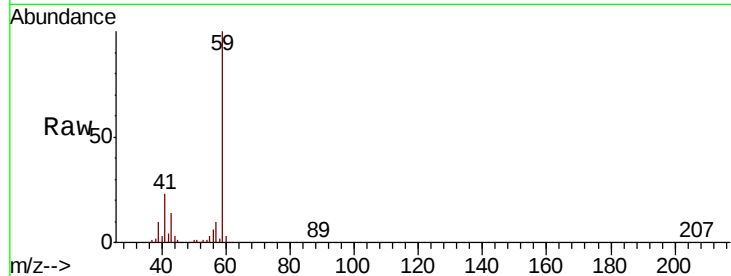


#11

Tert butyl alcohol
 Concen: 241.489 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Instrument :
 MSVOA_W
 ClientSampleId :

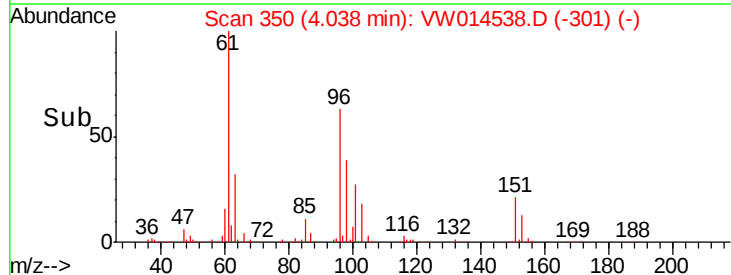
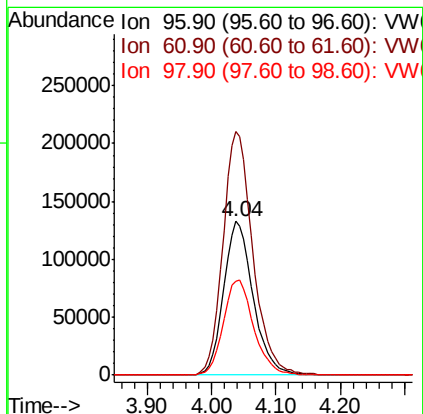
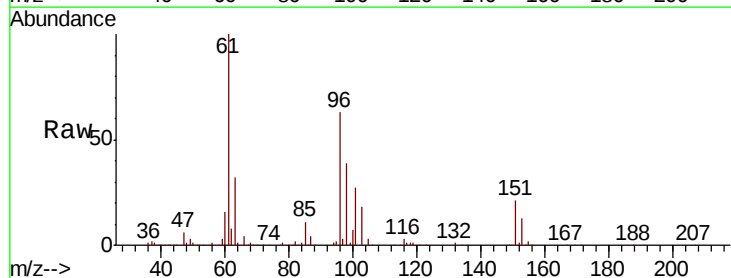
Tot Ion: 59 Resp: 140828
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.8

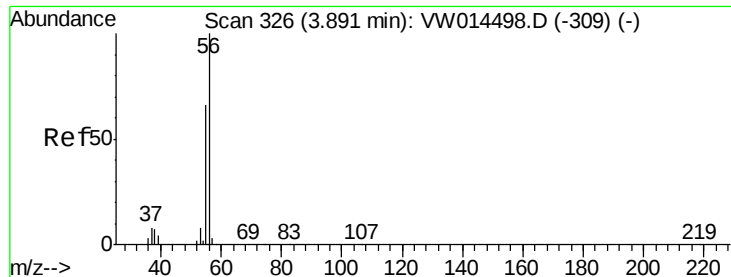


#12

1,1-Dichloroethene
 Concen: 49.864 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Tgt Ion: 96 Resp: 427885
 Ion Ratio Lower Upper
 96 100
 61 158.3 128.4 192.6
 98 61.1 49.1 73.7





#13

Acrolein

Concen: 293.365 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

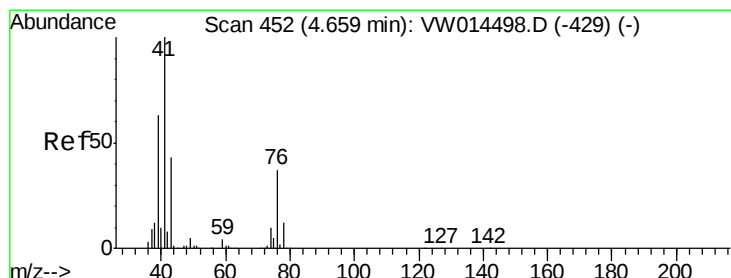
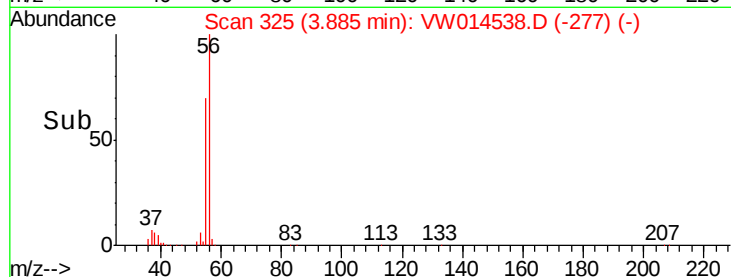
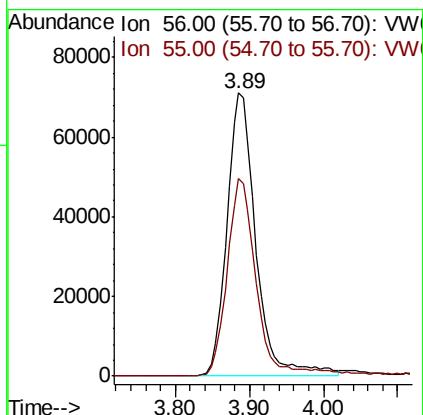
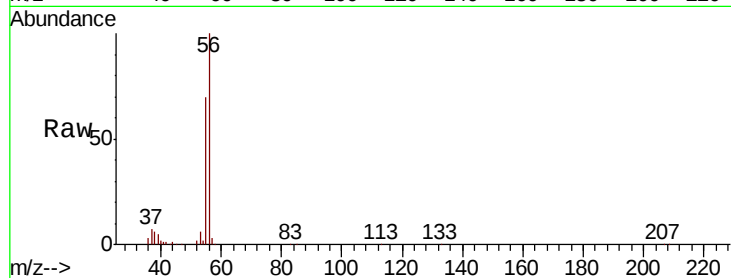
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 193038

Ion Ratio Lower Upper

56 100

55 68.5 56.7 85.1



#14

Allyl chloride

Concen: 51.245 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

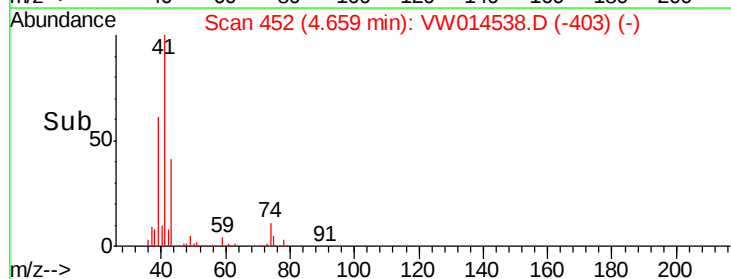
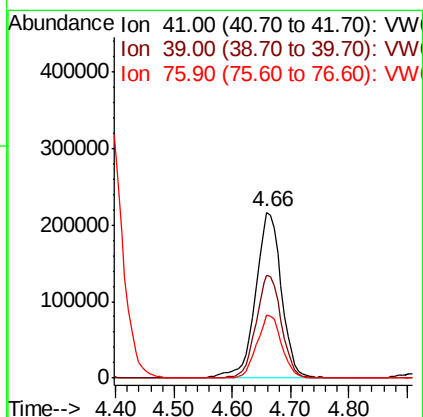
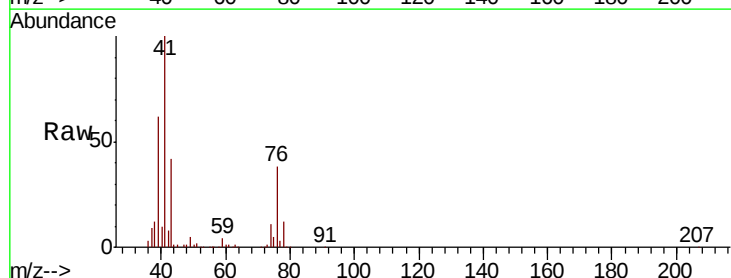
Tgt Ion: 41 Resp: 671980

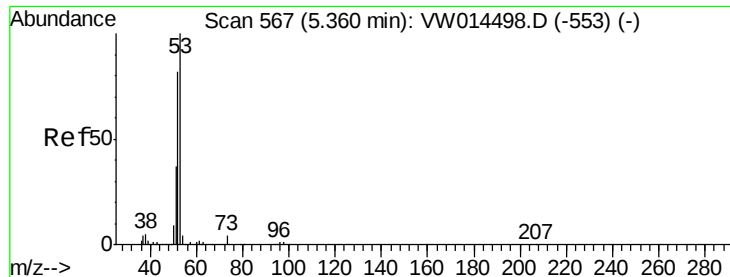
Ion Ratio Lower Upper

41 100

39 60.5 48.5 72.7

76 36.0 28.1 42.1





#15

Acrylonitrile

Concen: 258.724 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

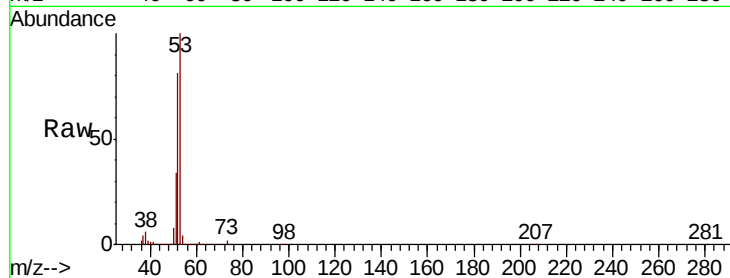
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 516027

Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.5	99.7
51	35.2	28.4	42.6

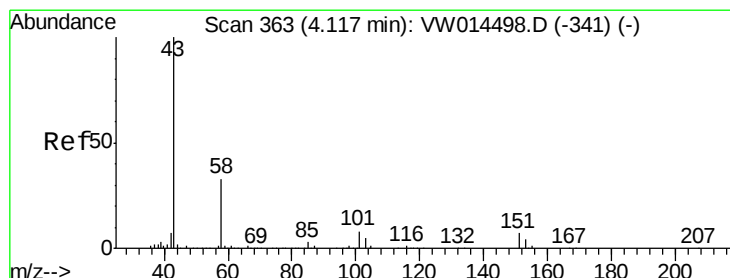
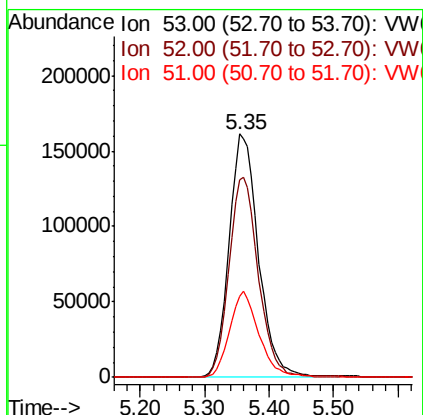
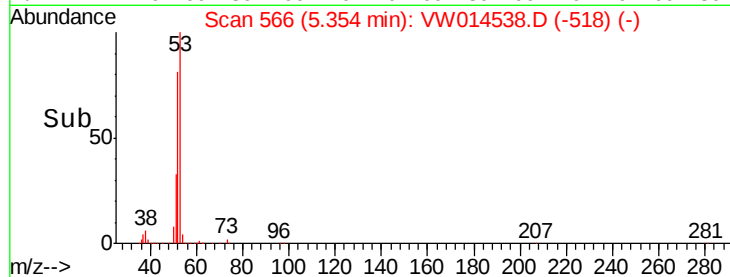


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 191.903 ug/l

RT: 4.12 min Scan# 363

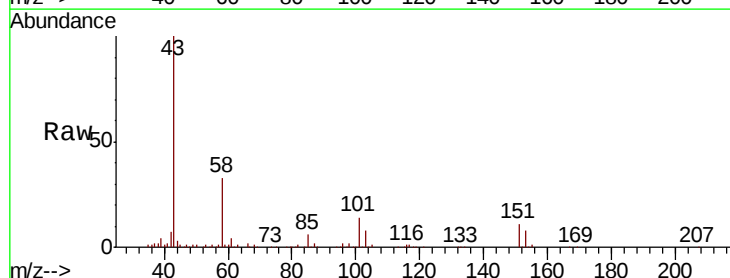
Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Tgt Ion: 43 Resp: 408519

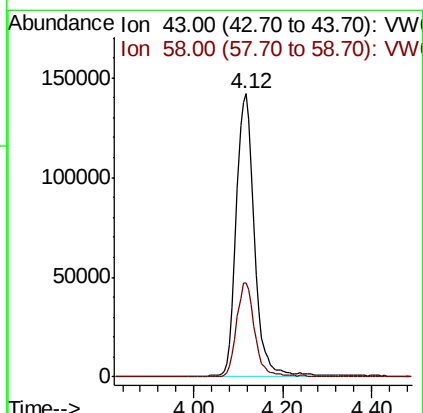
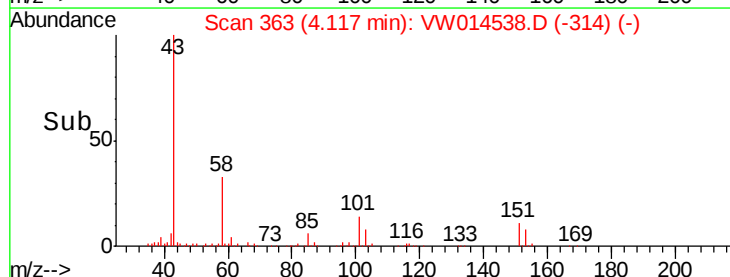
Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.6	39.8

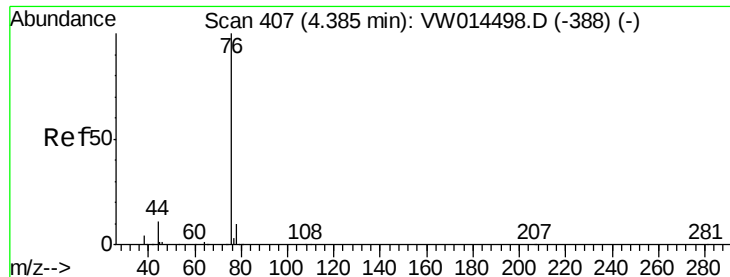


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 49.270 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

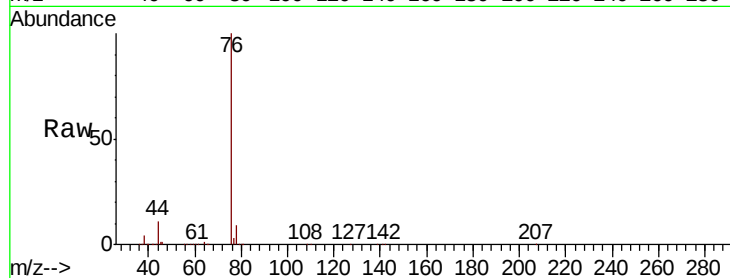
ClientSampleId :

Tot Ion: 76 Resp: 1274271

Ion Ratio Lower Upper

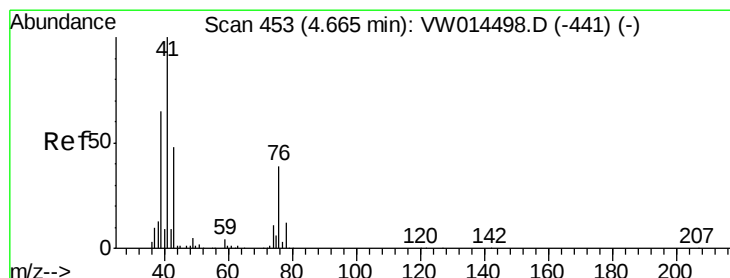
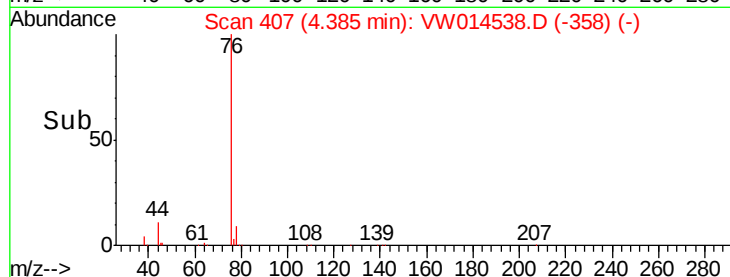
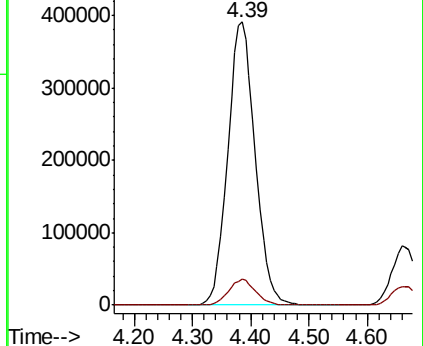
76 100

78 9.3 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 52.762 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW014538.D

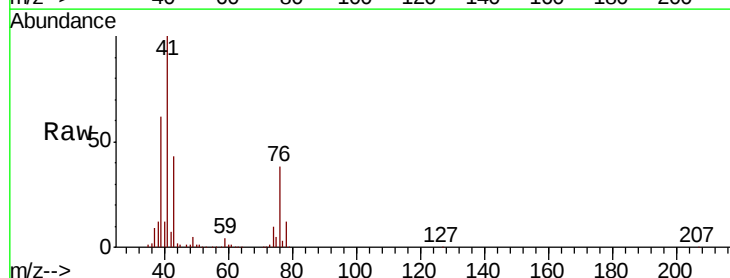
Acq: 06 Jan 2020 21:36

Tgt Ion: 43 Resp: 271264

Ion Ratio Lower Upper

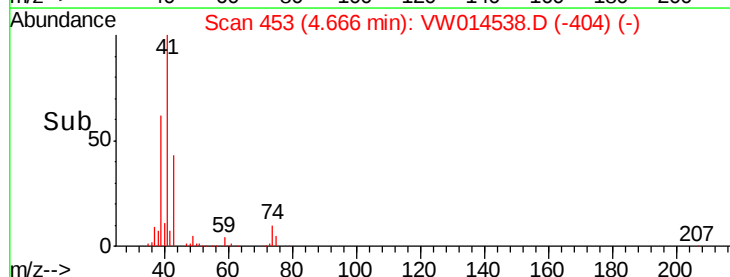
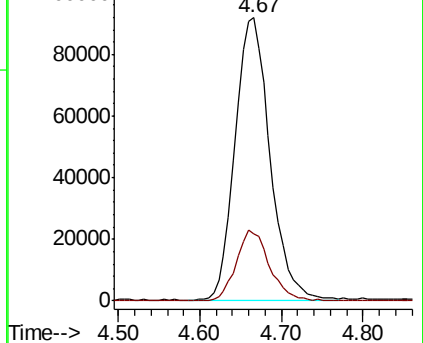
43 100

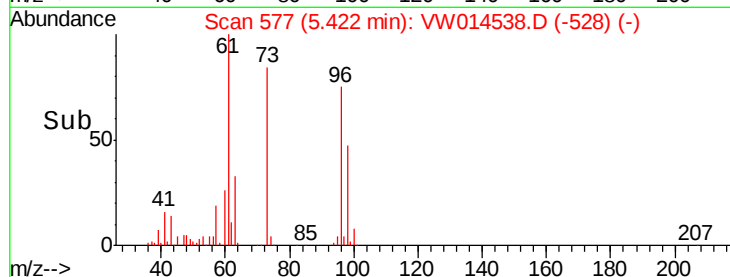
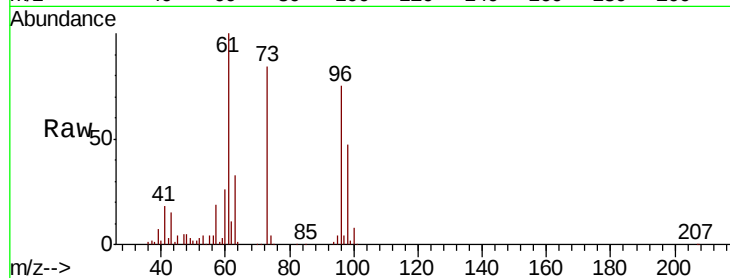
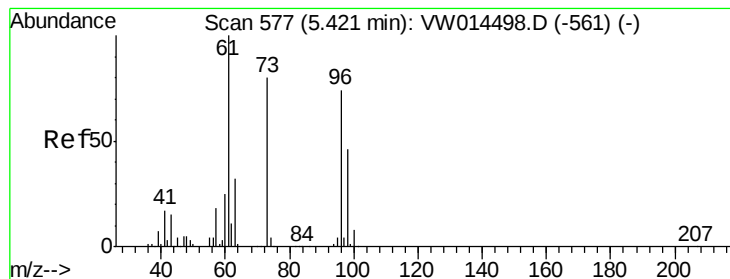
74 24.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



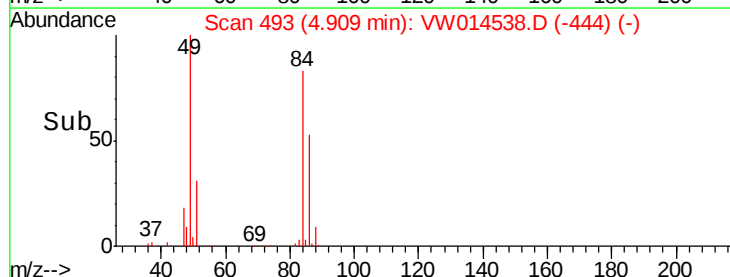
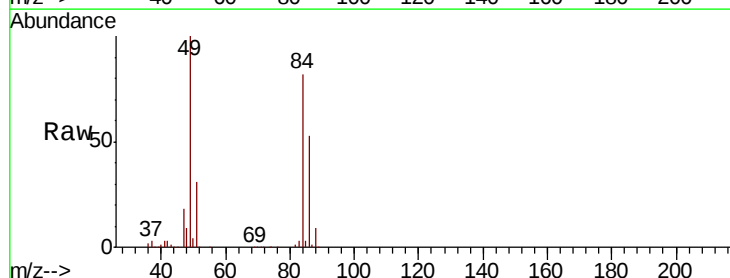
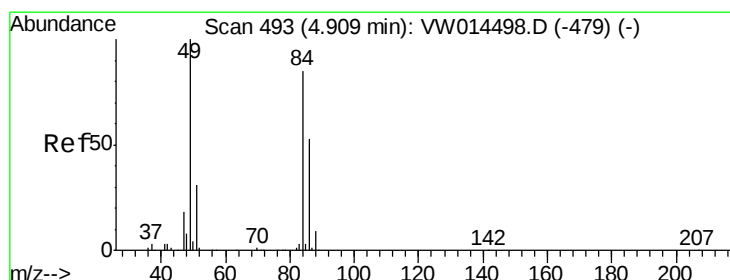
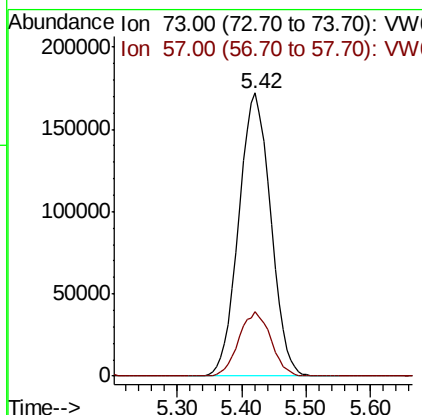


#19

Methyl tert-butyl Ether
Concen: 55.368 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Instrument :
MSVOA_W
ClientSampled :

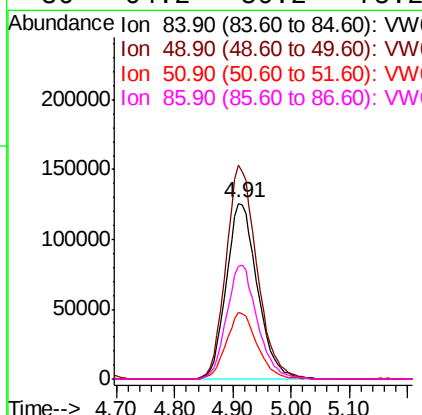
Tot Ion: 73 Resp: 589772
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1

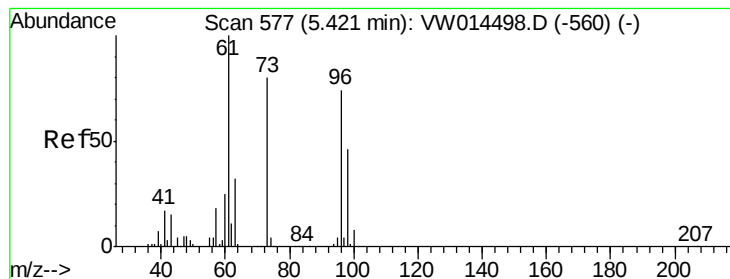


#20

Methylene Chloride
Concen: 54.565 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 84 Resp: 466266
Ion Ratio Lower Upper
84 100
49 121.4 94.4 141.6
51 37.5 29.5 44.3
86 64.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.533 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampleId :

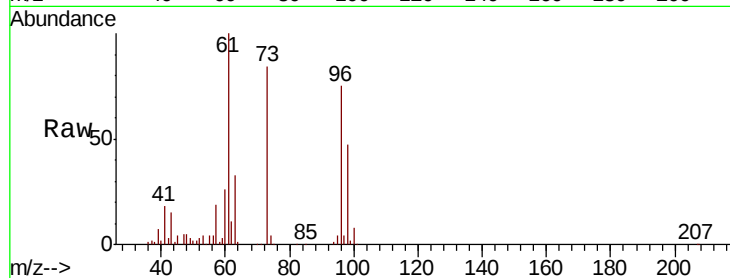
Tot Ion: 96 Resp: 460432

Ion Ratio Lower Upper

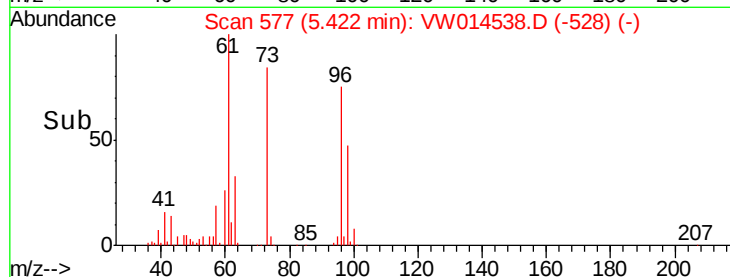
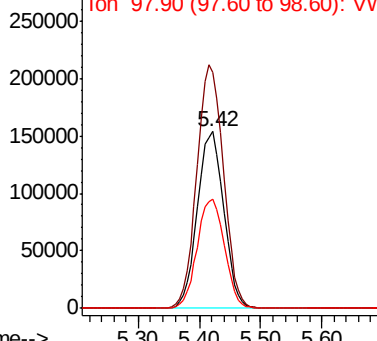
96 100

61 133.2 107.8 161.6

98 62.0 49.4 74.0



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



#22

Diisopropyl ether

Concen: 53.445 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Tgt Ion: 45 Resp: 1311778

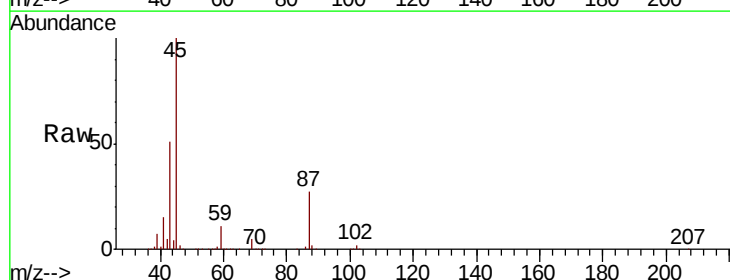
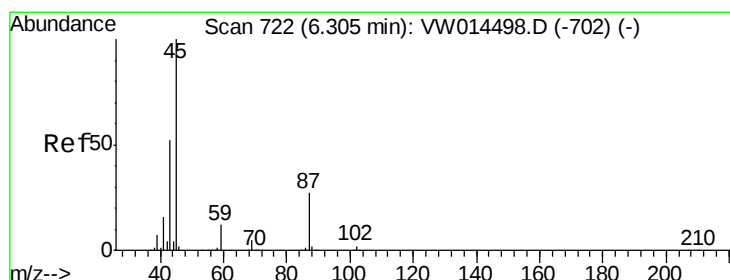
Ion Ratio Lower Upper

45 100

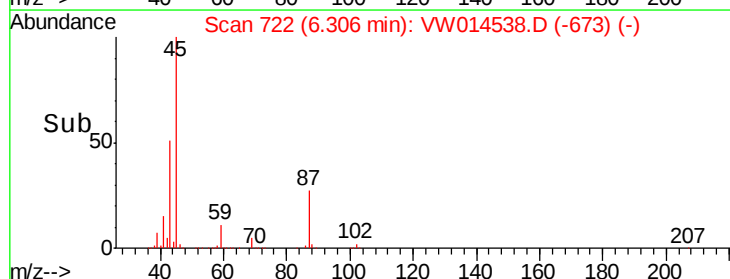
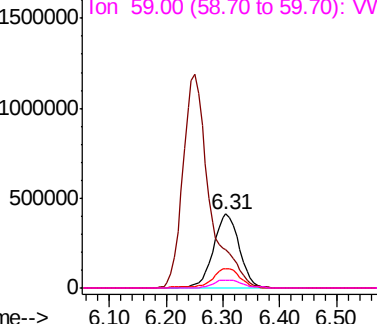
43 51.3 41.4 62.0

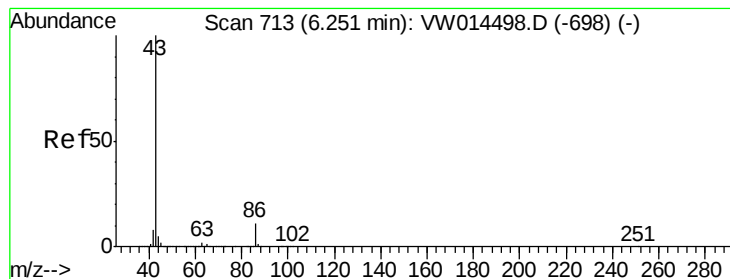
87 26.7 22.2 33.2

59 11.2 9.5 14.3



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





#23

Vinyl Acetate

Concen: 260.803 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

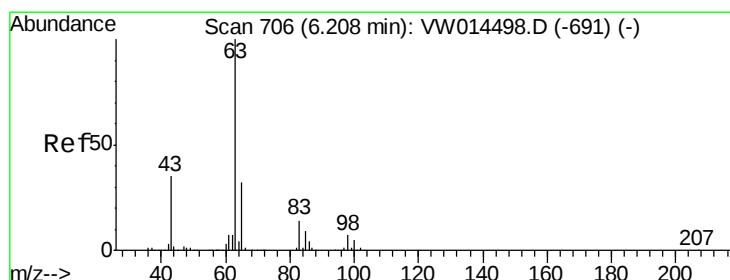
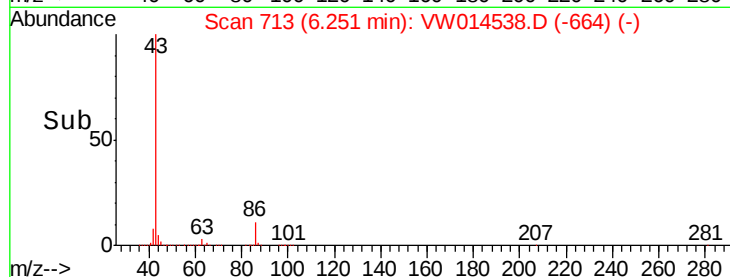
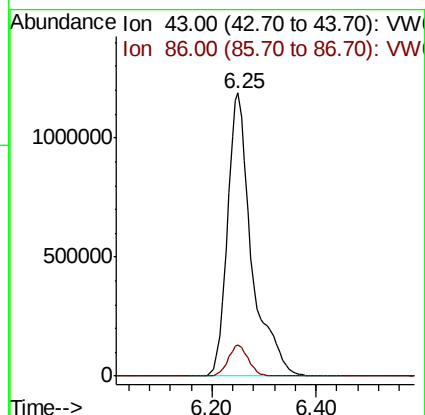
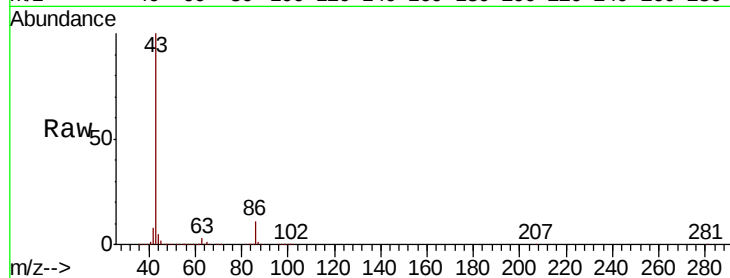
ClientSampled :

Tot Ion: 43 Resp: 3865445

Ion Ratio Lower Upper

43 100

86 10.9 8.8 13.2



#24

1,1-Dichloroethane

Concen: 51.432 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

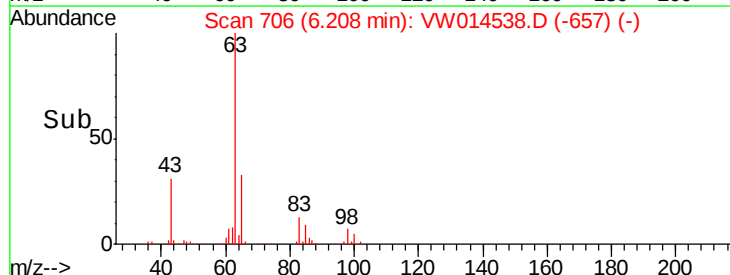
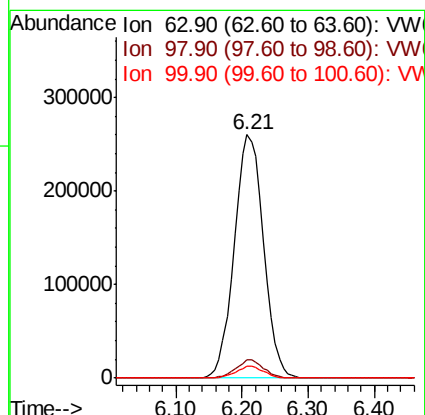
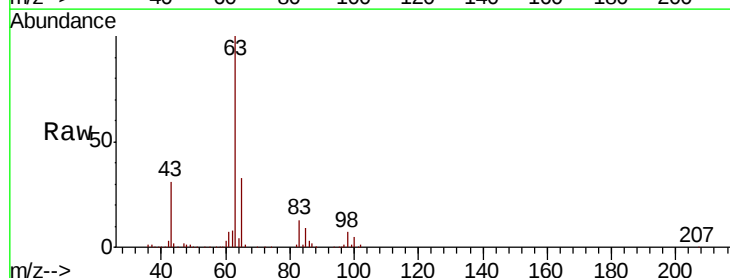
Tgt Ion: 63 Resp: 796281

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 5.1 2.5 7.4

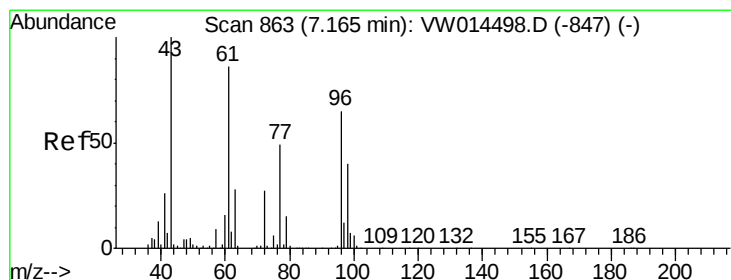
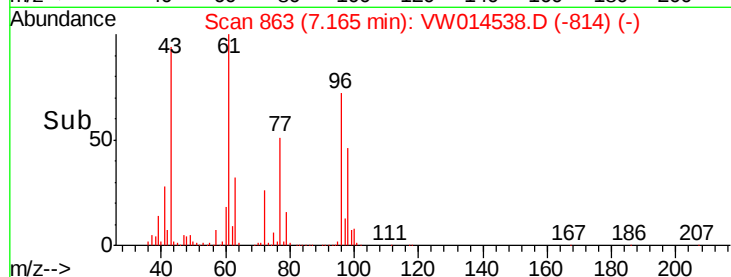
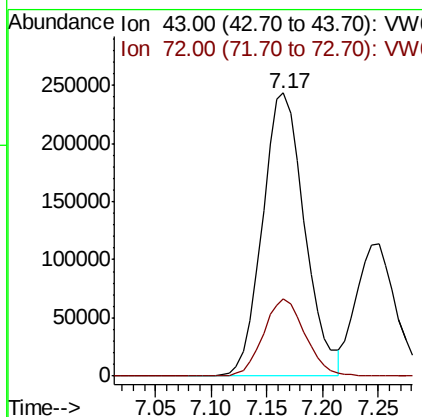
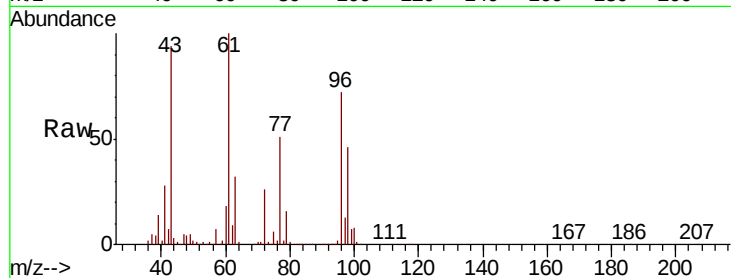




#25
2-Butanone
Concen: 235.182 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

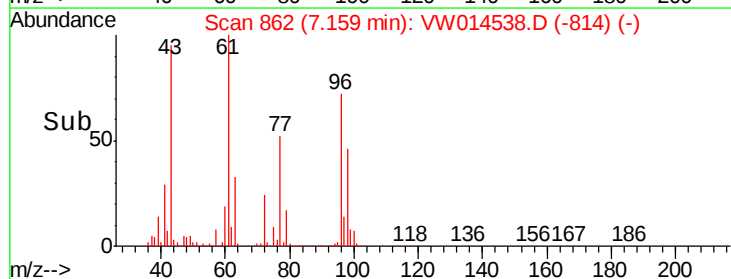
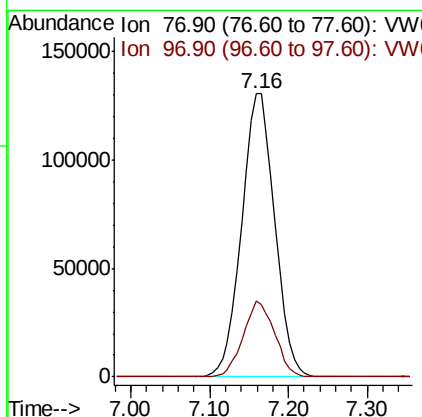
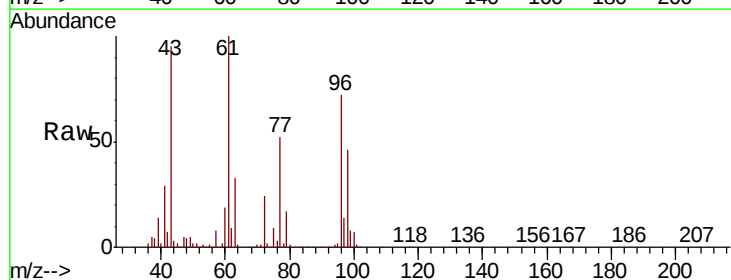
Instrument :
MSVOA_W
ClientSampled :

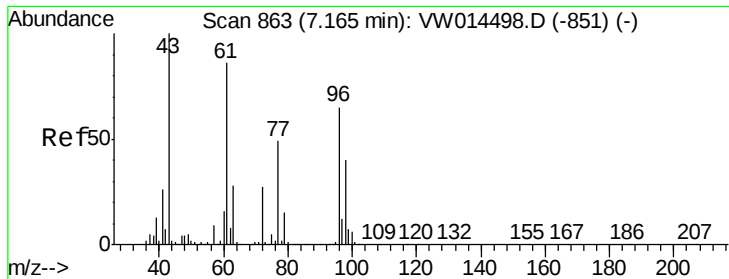
Tot Ion: 43 Resp: 642497
Ion Ratio Lower Upper
43 100
72 27.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 44.416 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 77 Resp: 380720
Ion Ratio Lower Upper
77 100
97 25.5 12.5 37.5



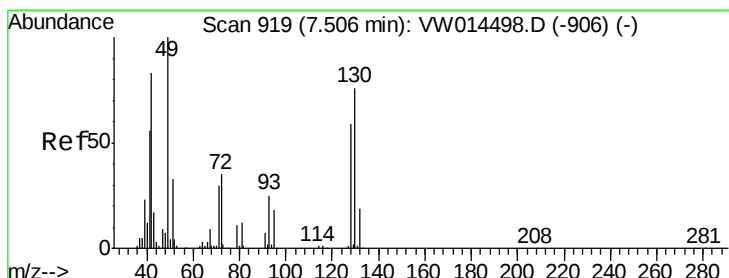
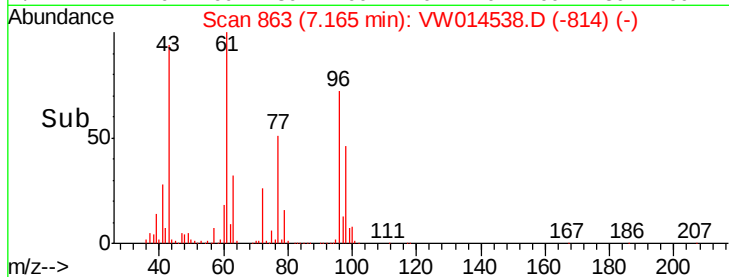
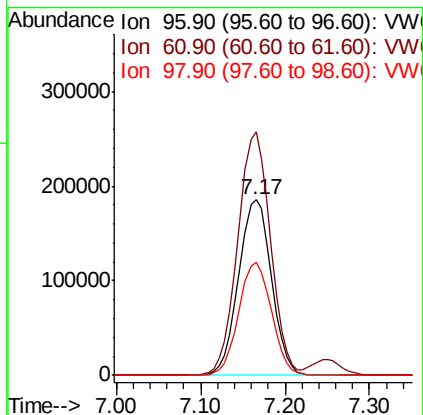
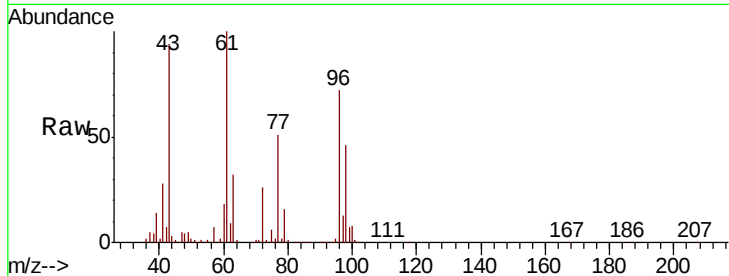


#27

cis-1,2-Dichloroethene
 Concen: 51.252 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Instrument :
 MSVOA_W
 ClientSampled :

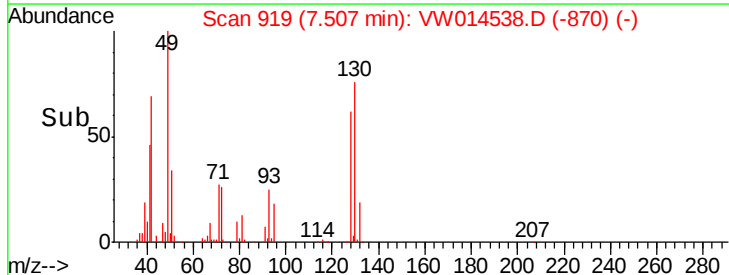
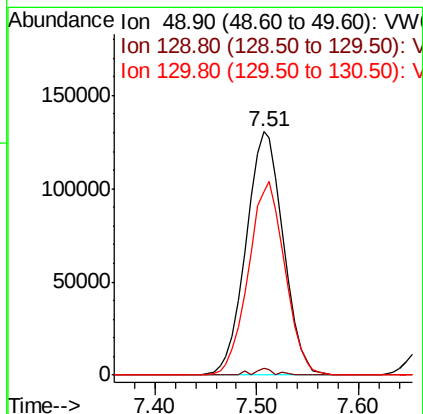
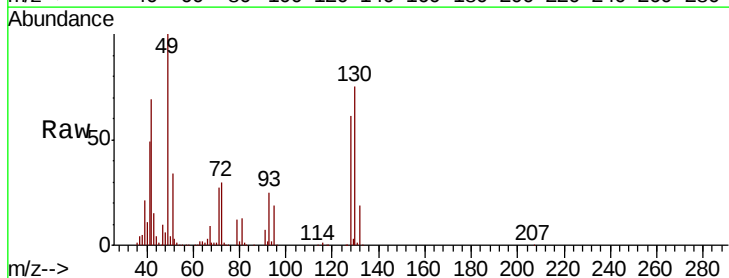
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	274.8
98	64.2	0.0	128.6

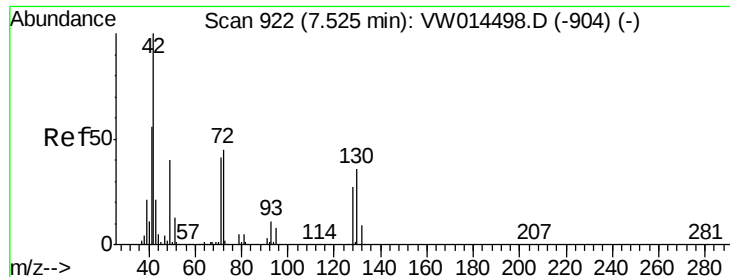


#28

Bromochloromethane
 Concen: 54.607 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.0
130	78.1	62.5	93.7

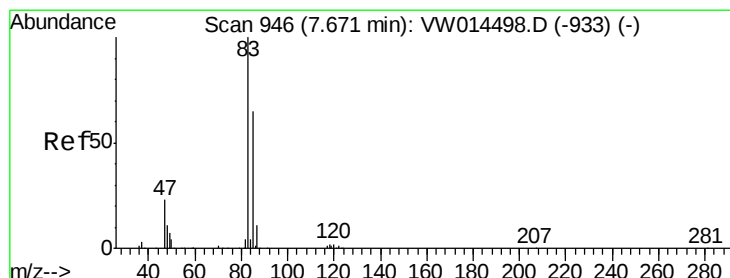
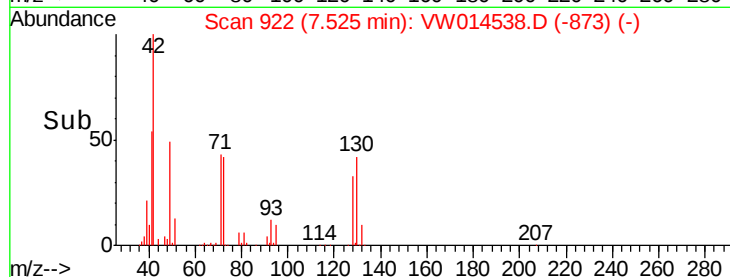
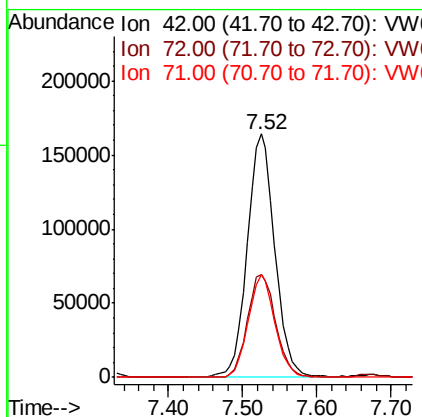
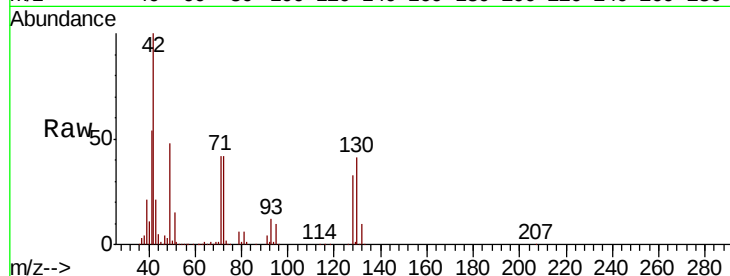




#29
Tetrahydrofuran
Concen: 251.387 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

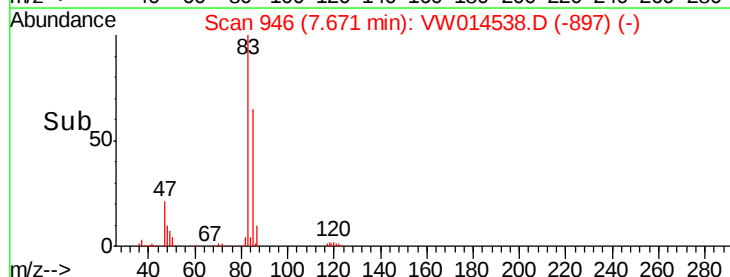
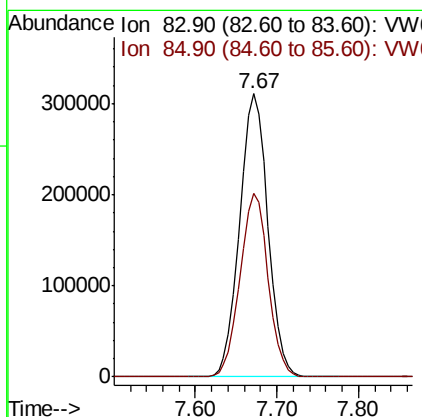
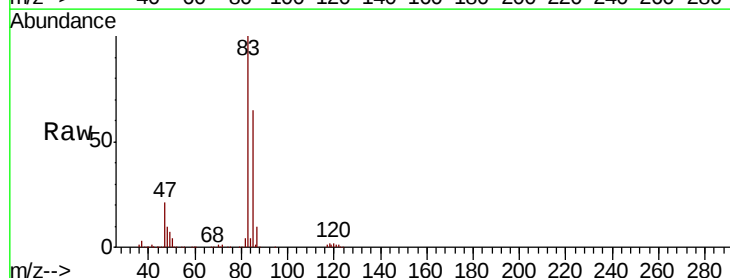
Instrument :
MSVOA_W
ClientSampleId :

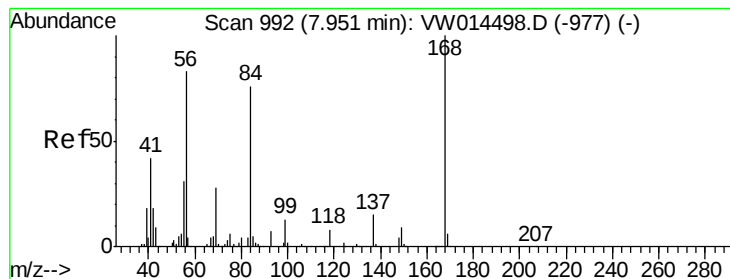
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.5	51.7
71	40.7	32.0	48.0



#30
Chloroform
Concen: 51.455 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.2	78.2





#31

Cvclohexane

Concen: 47.421 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :
MSVOA_W
ClientSampled :

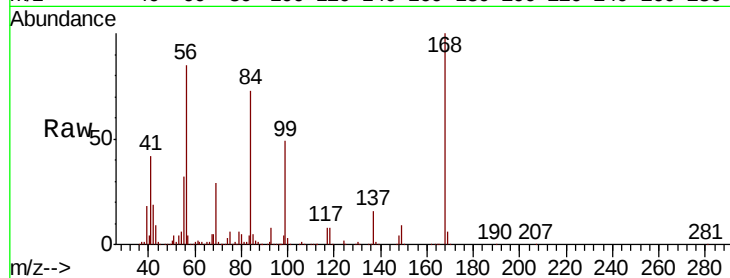
Tot Ion: 56 Resp: 762991

Ion Ratio Lower Upper

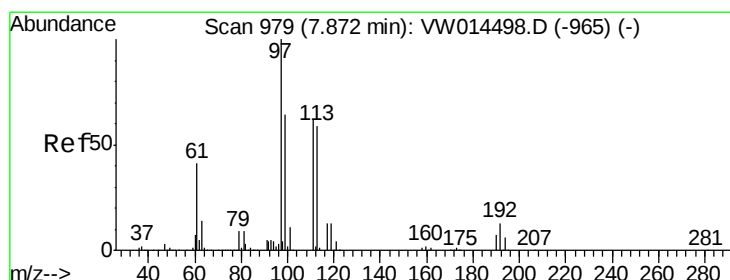
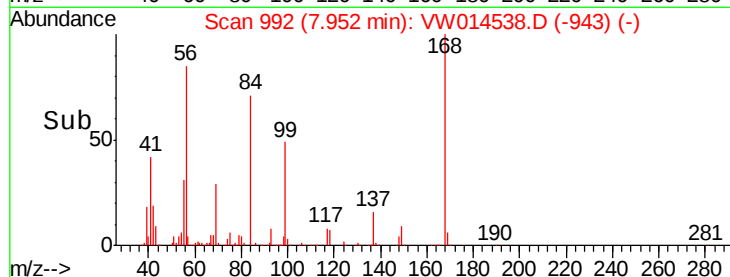
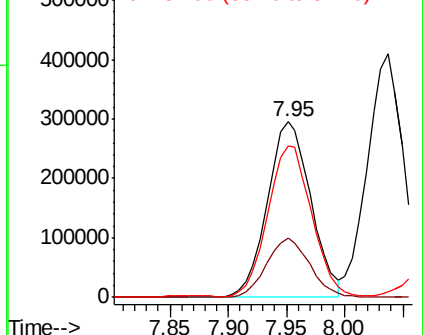
56 100

69 33.7 26.8 40.2

84 84.8 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: 50.229 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

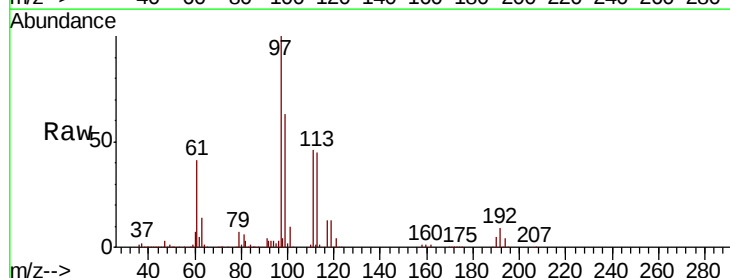
Tgt Ion: 97 Resp: 584867

Ion Ratio Lower Upper

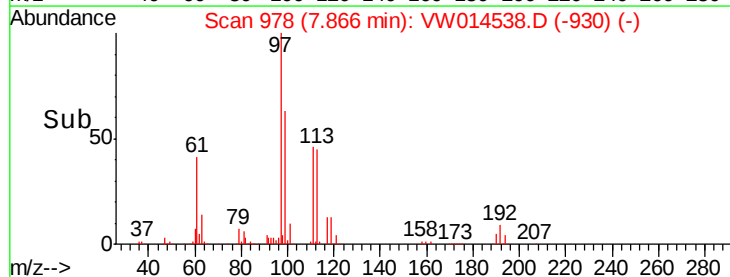
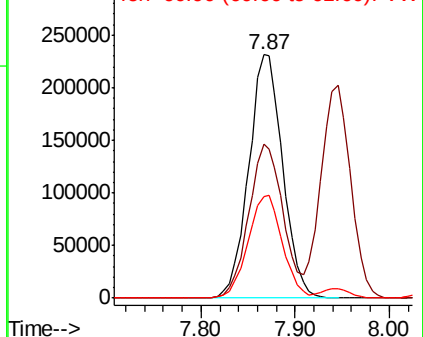
97 100

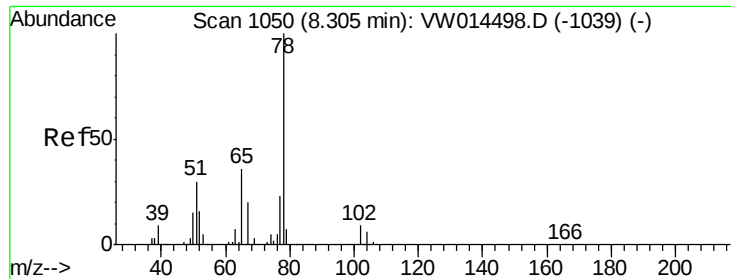
99 64.4 51.8 77.6

61 42.6 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

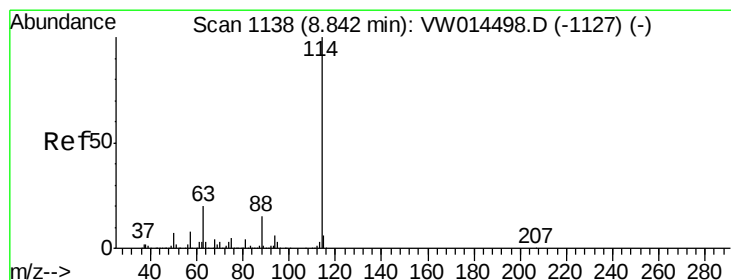
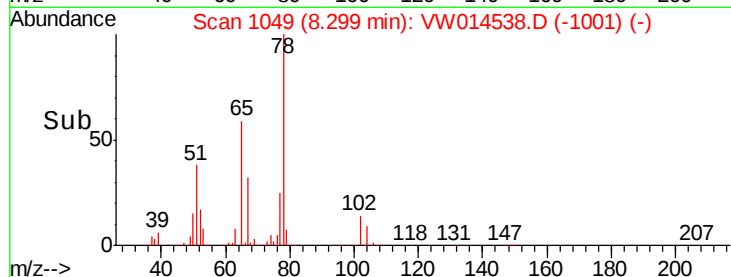
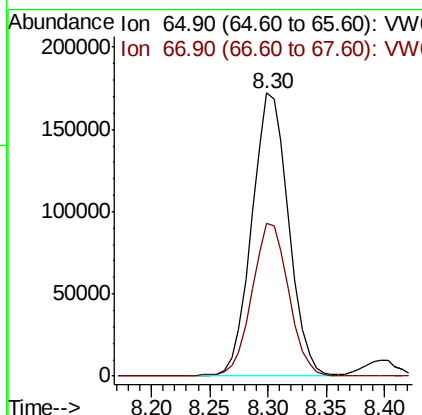
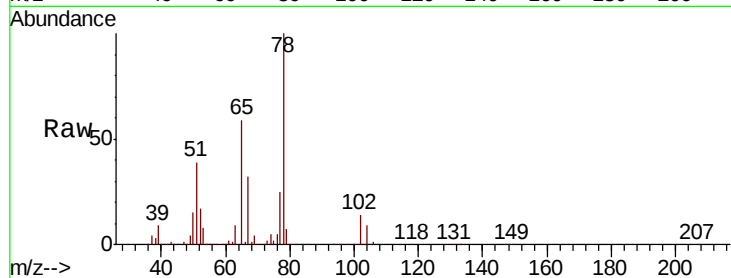




#33
 1,2-Dichloroethane-d4
 Concen: 50.202 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

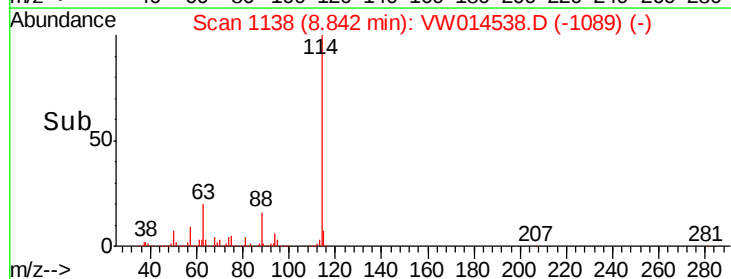
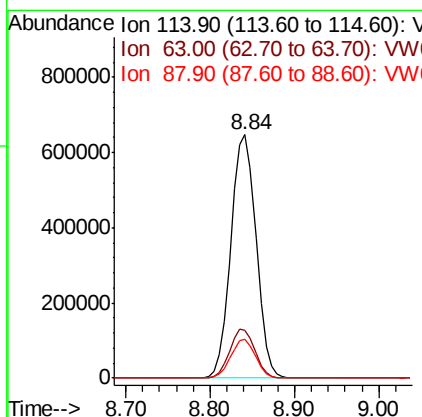
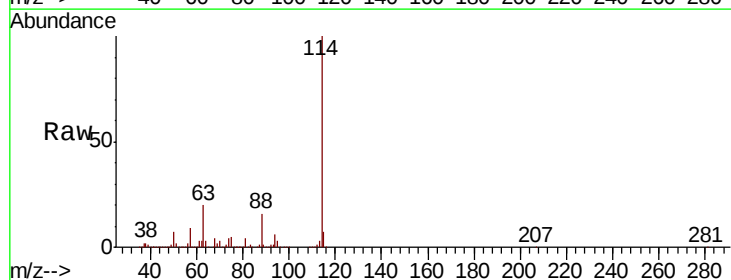
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 65 Resp: 378472
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Tgt Ion: 114 Resp: 1309951
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.4
 88 15.9 0.0 30.6

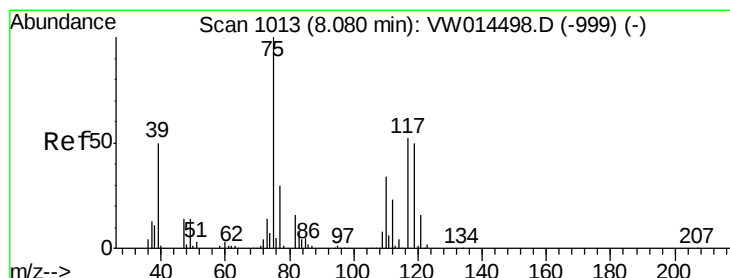
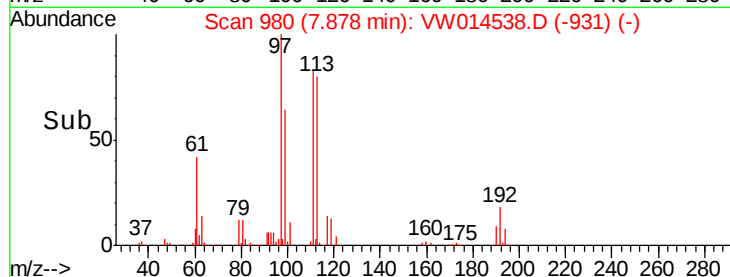
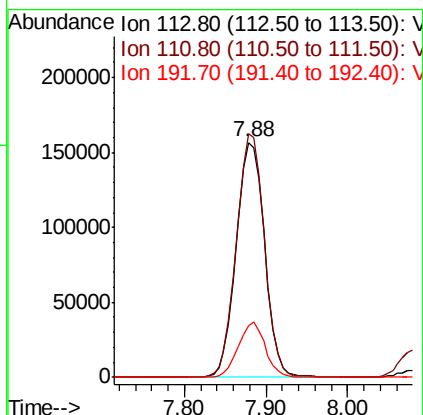
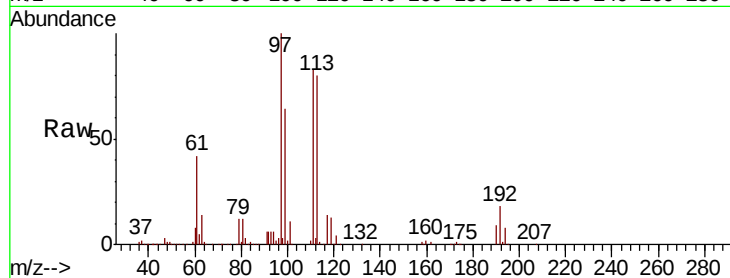




#35
 Dibromofluoromethane
 Concen: 50.460 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

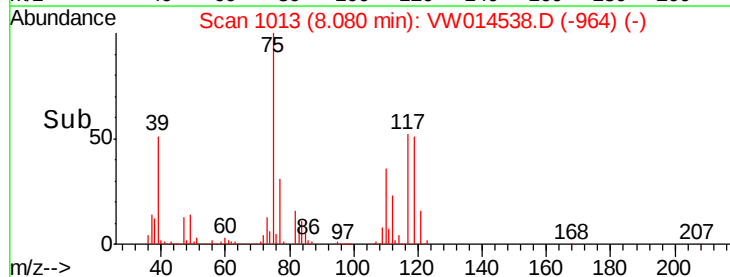
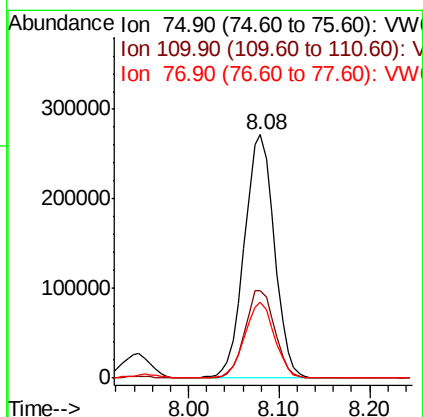
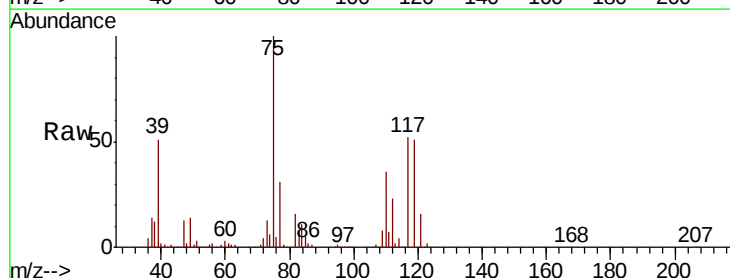
Instrument :
 MSVOA_W
 ClientSampleId :

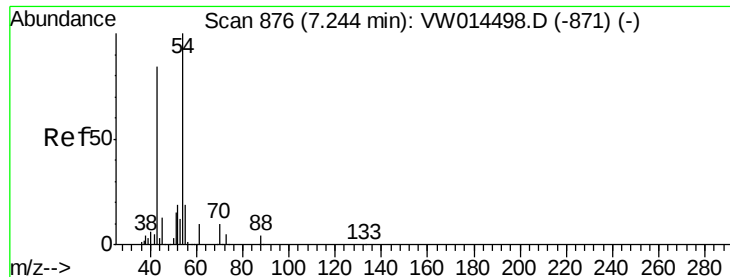
Tot Ion:113 Resp: 377775
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.2
 192 22.1 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 49.296 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Tgt Ion: 75 Resp: 622532
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.8 53.5
 77 31.0 24.7 37.1

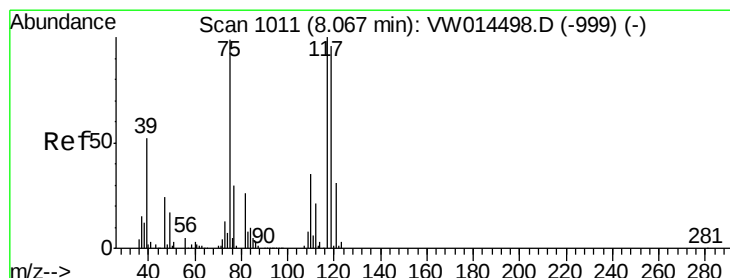
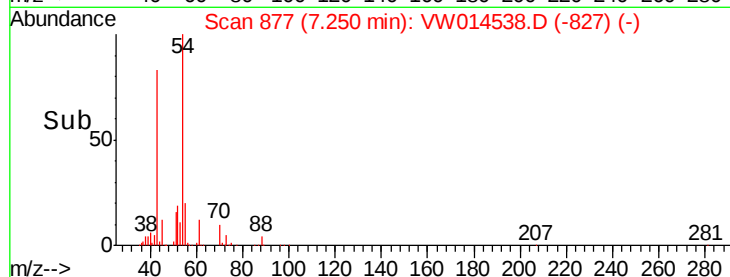
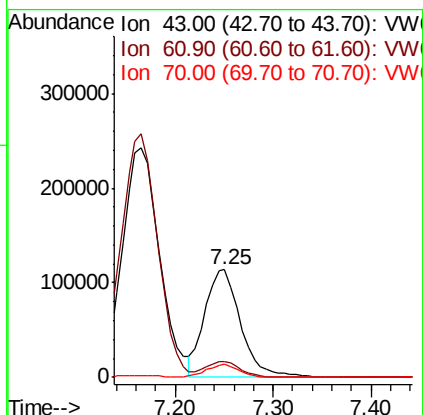
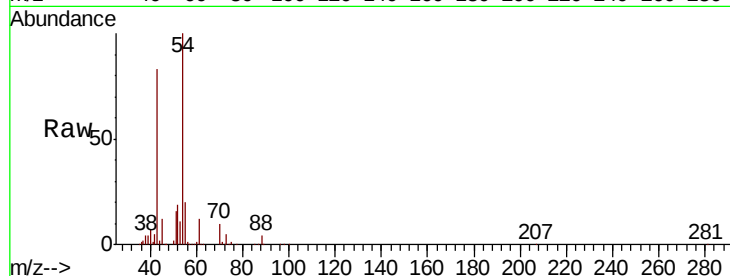




#37
Ethyl Acetate
Concen: 50.087 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

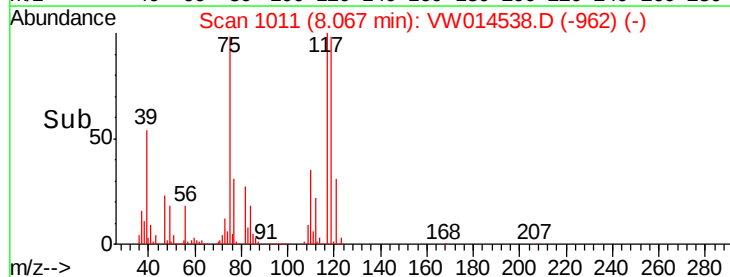
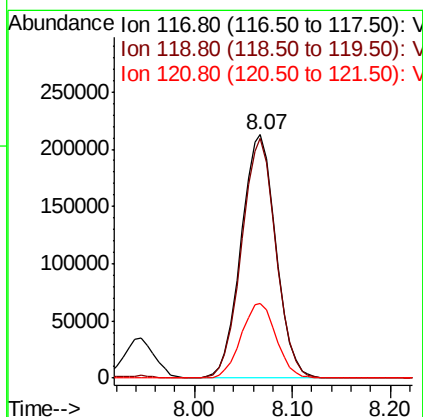
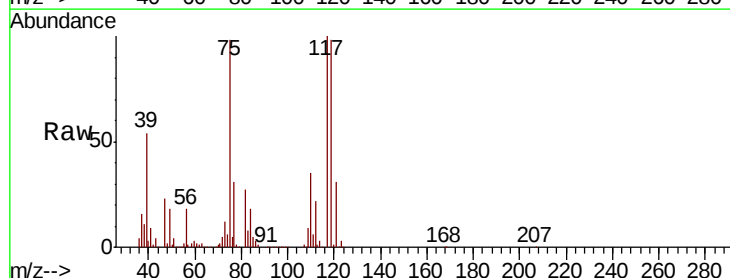
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 286872
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 47.901 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 117 Resp: 524798
Ion Ratio Lower Upper
117 100
119 98.5 77.0 115.6
121 30.6 24.6 36.8

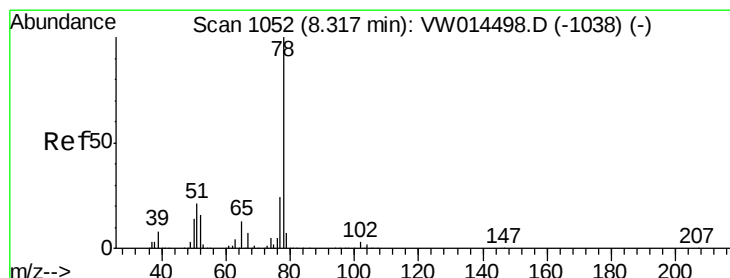
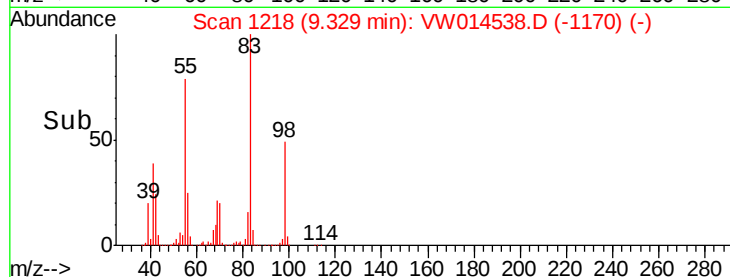
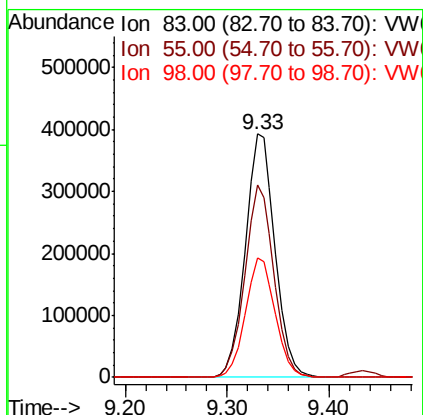
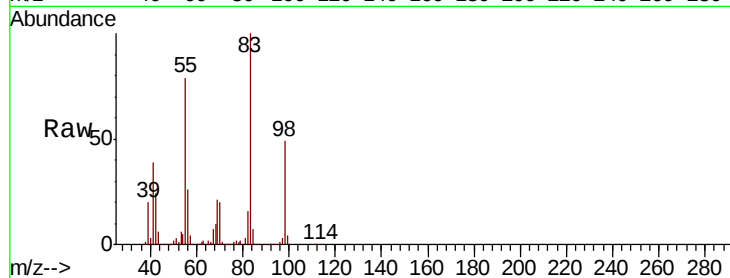




#39
Methvlcvclohexane
Concen: 49.007 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

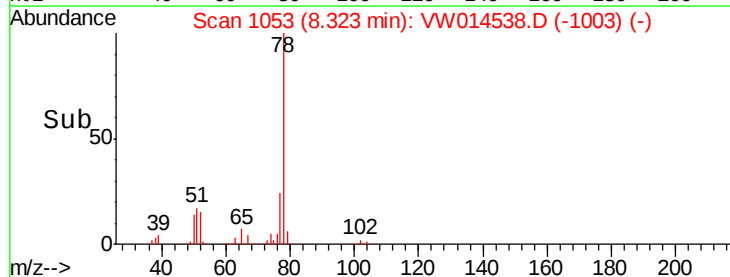
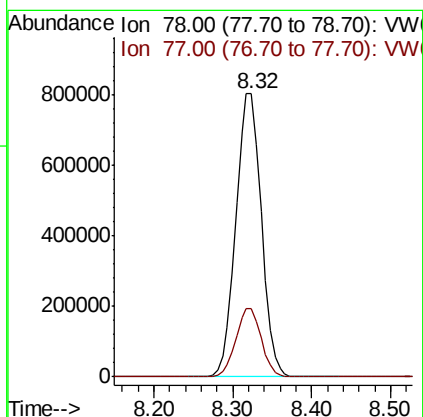
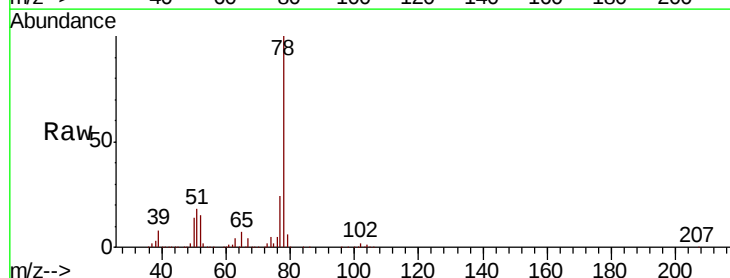
Instrument :
MSVOA_W
ClientSampleId :

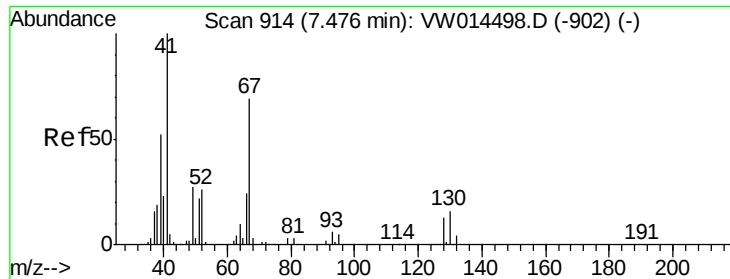
Tot Ion: 83 Resp: 794228
Ion Ratio Lower Upper
83 100
55 79.3 60.1 90.1
98 49.0 38.8 58.2



#40
Benzene
Concen: 50.637 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 78 Resp: 1809275
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

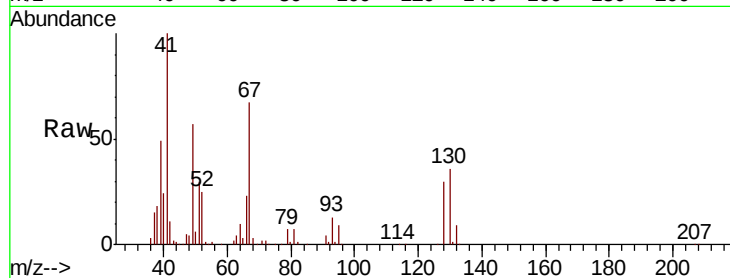




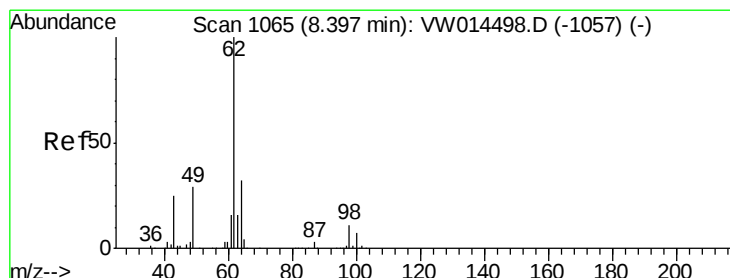
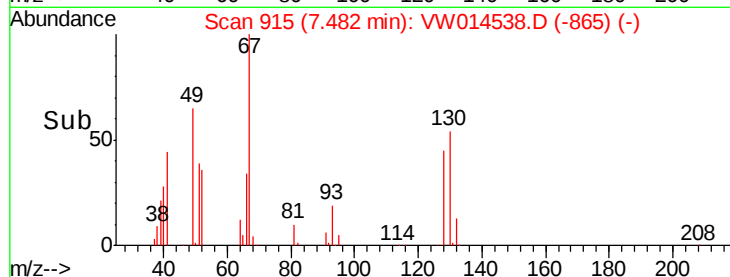
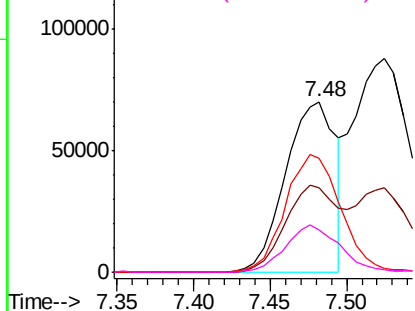
#41
Methacrylonitrile
Concen: 50.089 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	159918
Ion	Ratio	Lower	Upper
41	100		
39	55.8	46.0	69.0
67	76.8	60.8	91.2
52	30.3	23.7	35.5

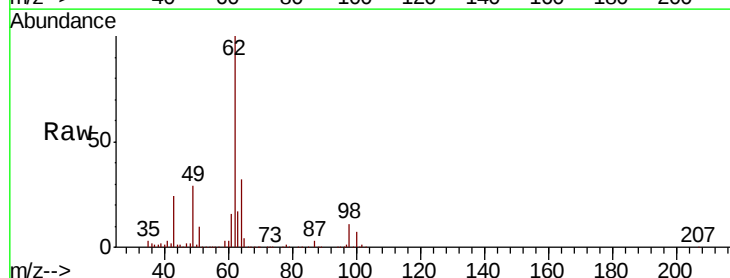


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

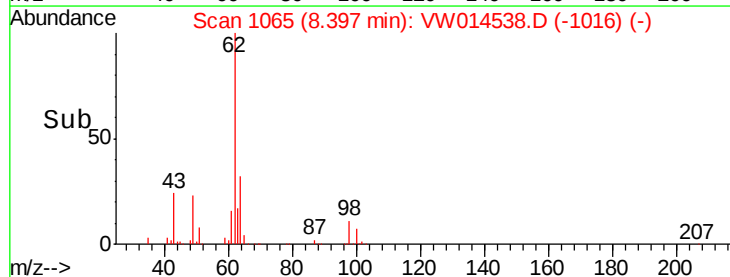
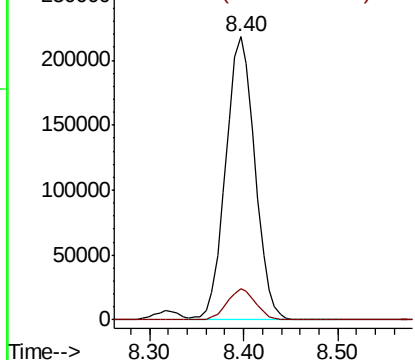


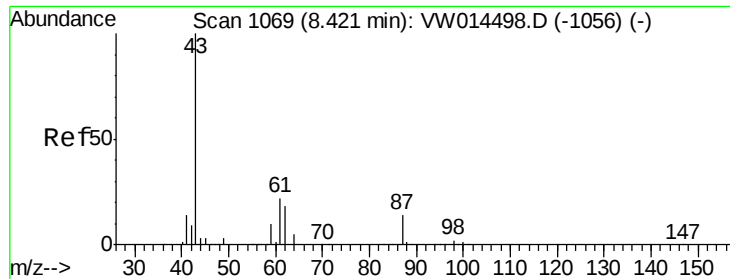
#42
1,2-Dichloroethane
Concen: 50.616 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion:	62	Resp:	469327
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.0



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

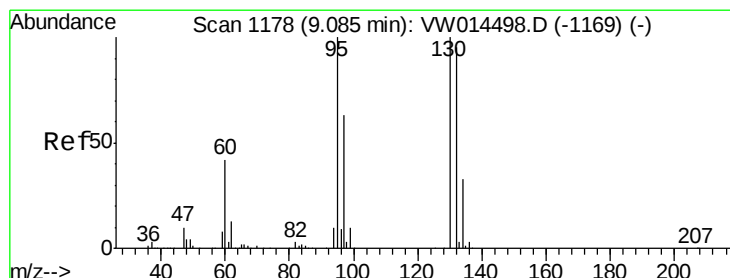
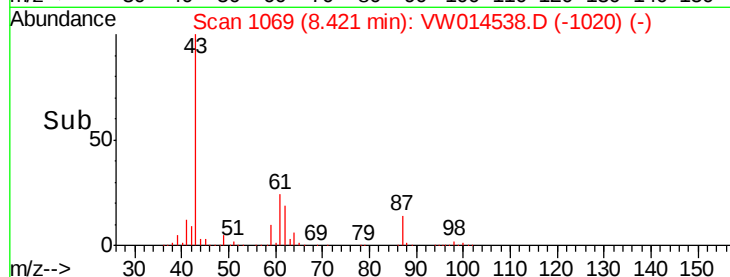
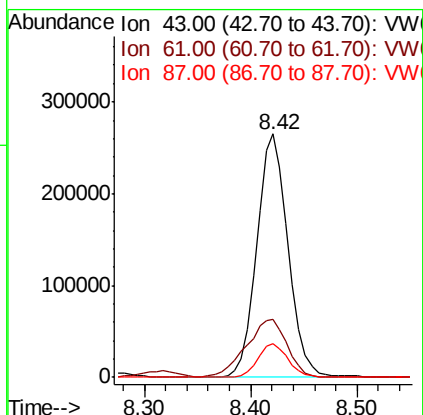
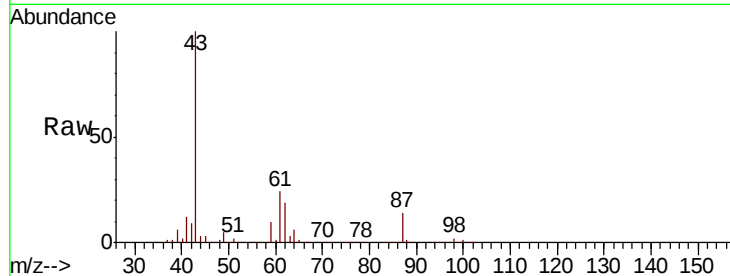




#43
Isopropyl Acetate
Concen: 51.974 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

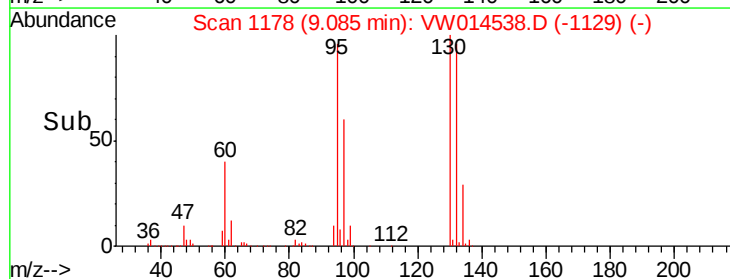
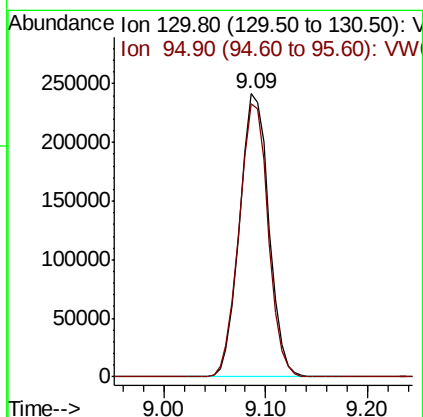
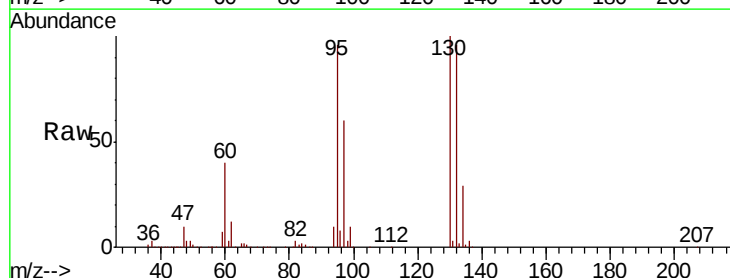
Instrument :
MSVOA_W
ClientSampleId :

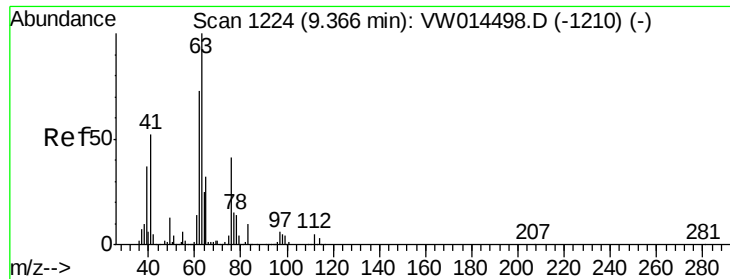
Tot Ion: 43 Resp: 540549
Ion Ratio Lower Upper
43 100
61 31.0 24.7 37.1
87 13.6 11.1 16.7



#44
Trichloroethene
Concen: 49.784 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 130 Resp: 481330
Ion Ratio Lower Upper
130 100
95 96.4 0.0 199.4





#45

1,2-Dichloropropane

Concen: 51.454 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

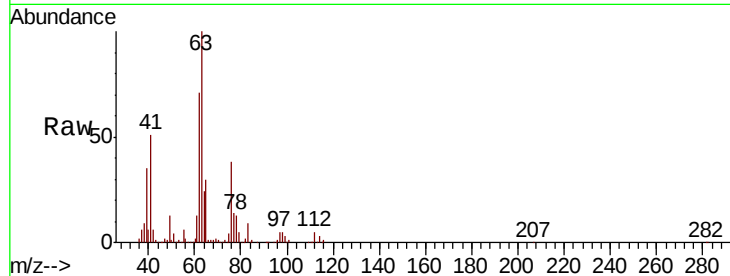
ClientSampled :

Tot Ion: 63 Resp: 451144

Ion Ratio Lower Upper

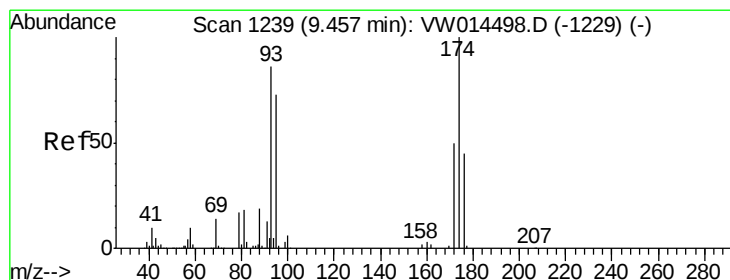
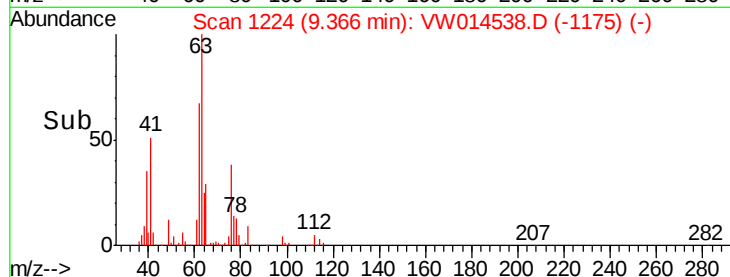
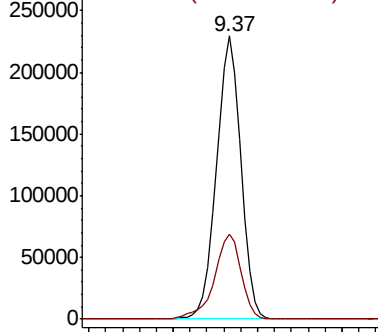
63 100

65 29.8 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 50.096 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

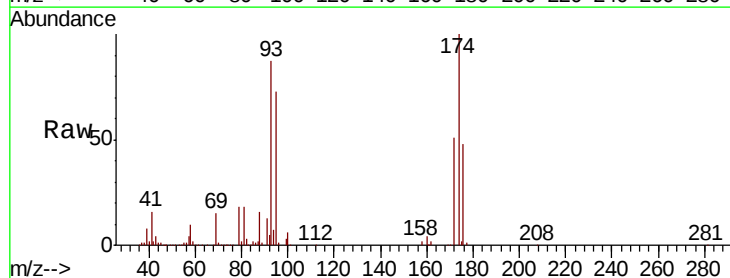
Tgt Ion: 93 Resp: 216837

Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

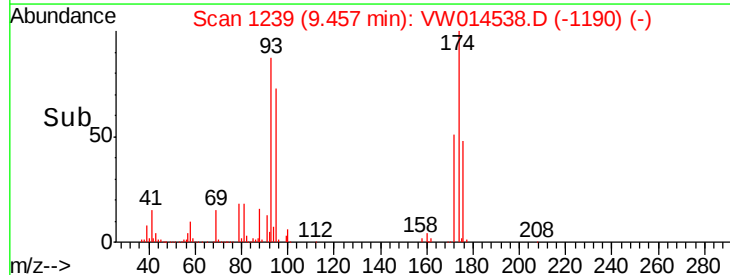
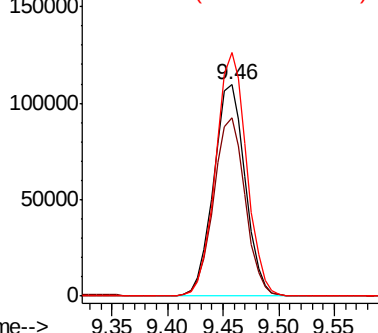
174 112.7 89.1 133.7

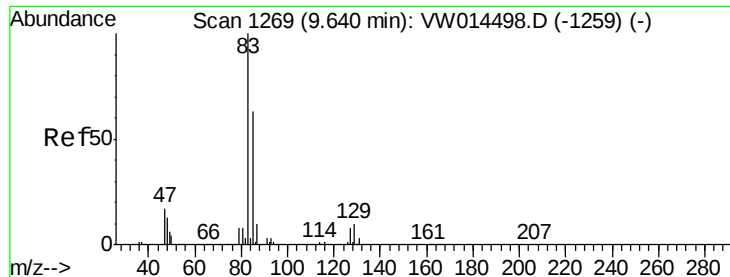


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.588 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampleId :

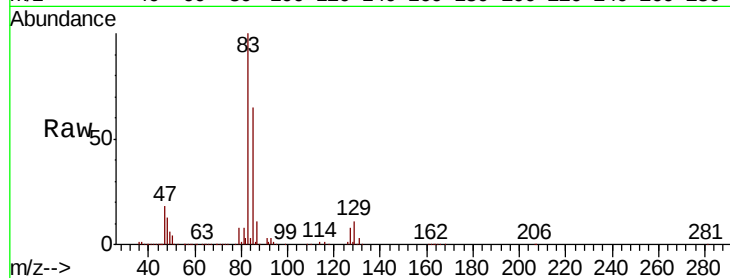
Tot Ion: 83 Resp: 551290

Ion Ratio Lower Upper

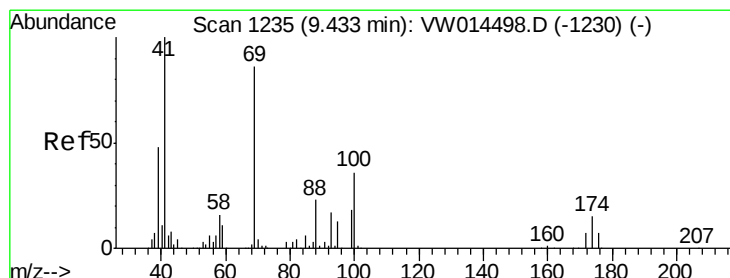
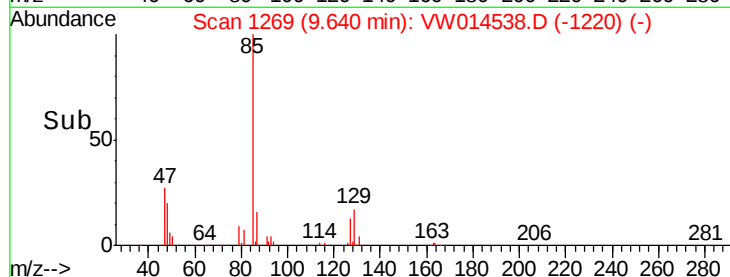
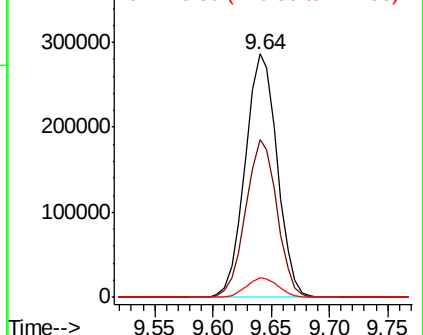
83 100

85 64.7 50.6 76.0

127 8.1 6.6 9.8



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



#48

Methyl methacrylate

Concen: 52.462 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

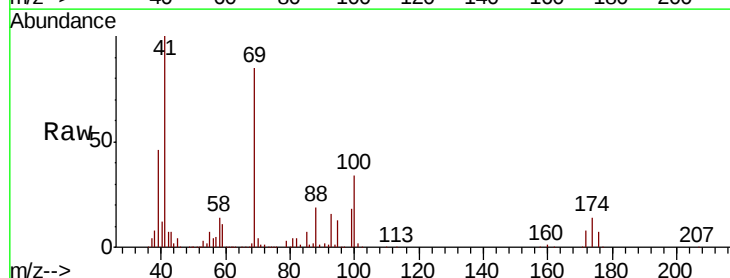
Tgt Ion: 41 Resp: 266395

Ion Ratio Lower Upper

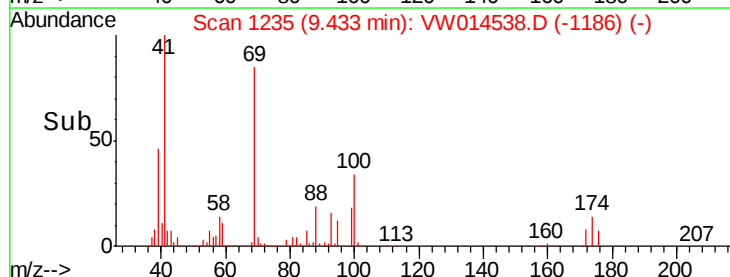
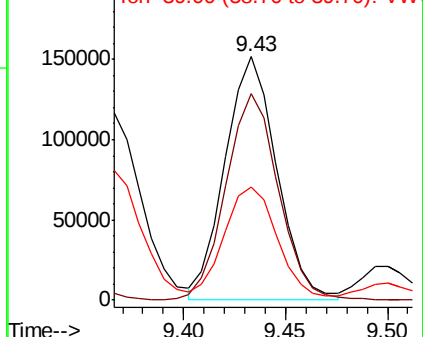
41 100

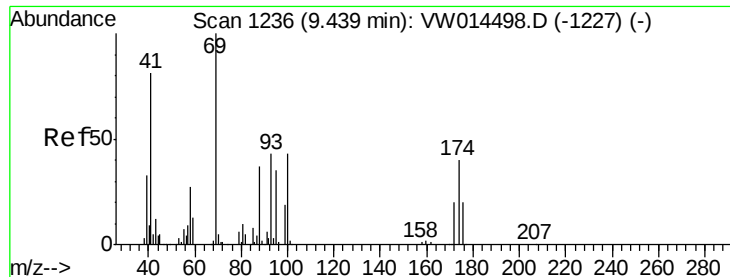
69 85.6 68.3 102.5

39 44.8 36.8 55.2



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





#49

1,4-Dioxane

Concen: 926.526 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

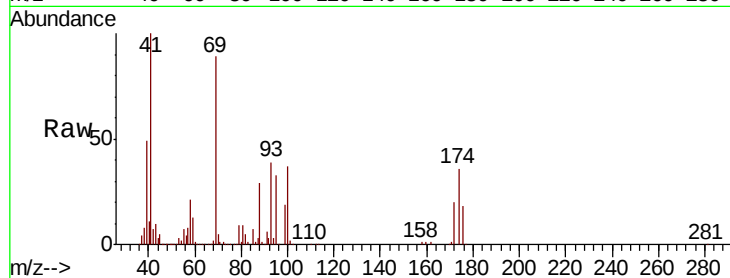
Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 75009

Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.9	37.3
58	74.7	56.9	85.3

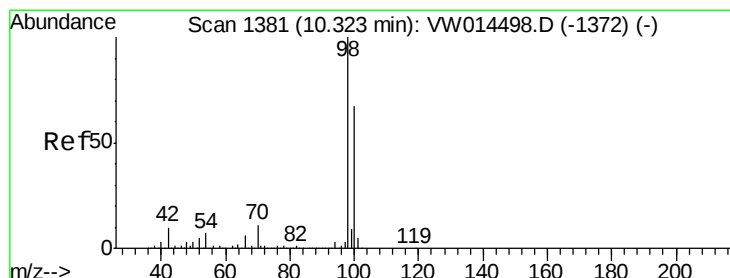
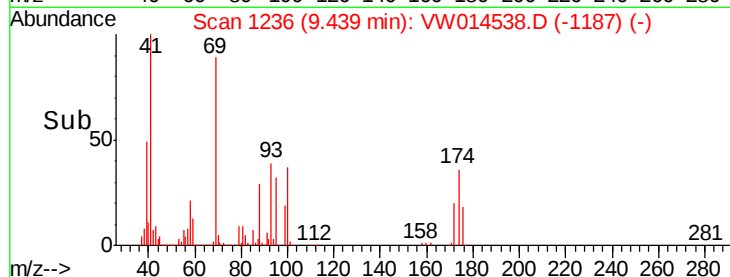
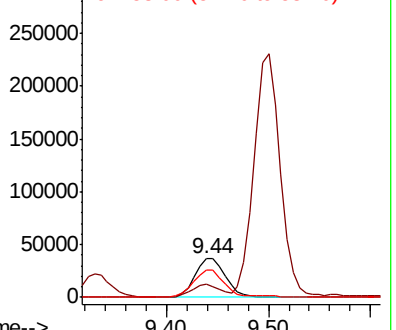


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.675 ug/l

RT: 10.32 min Scan# 1381

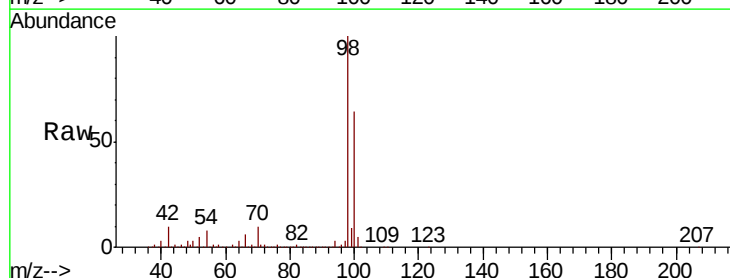
Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Tgt Ion: 98 Resp: 1552007

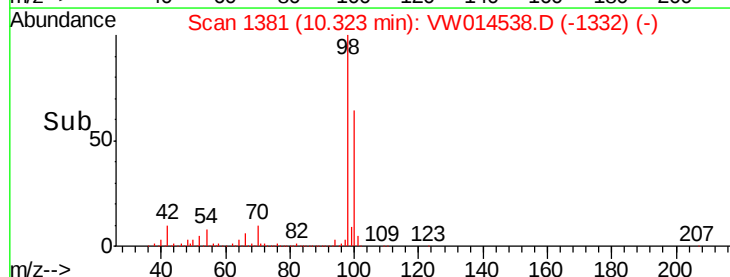
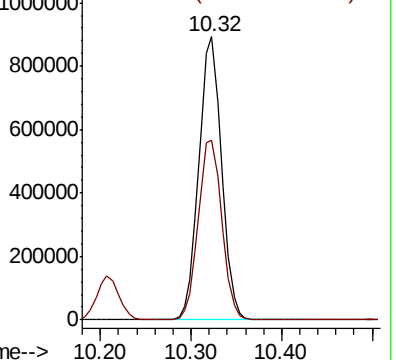
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.8	80.6

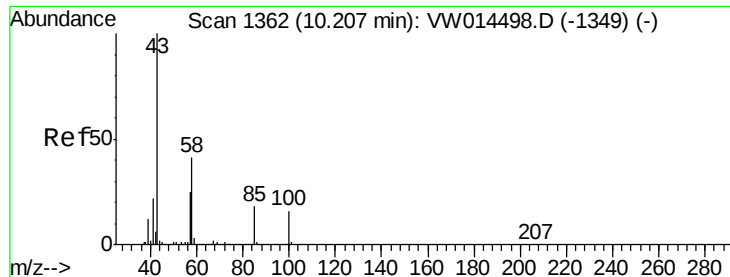


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

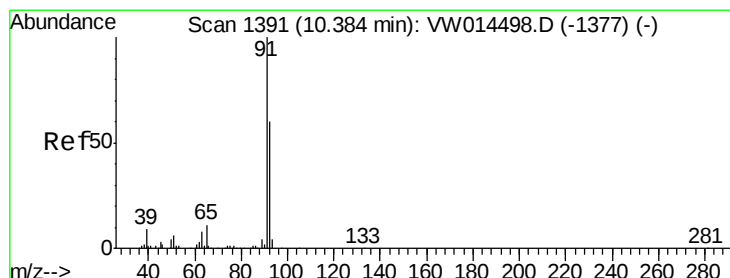
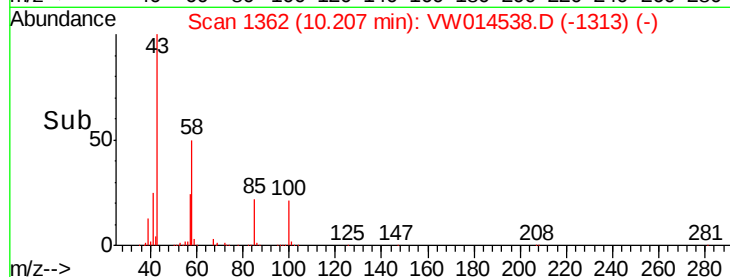
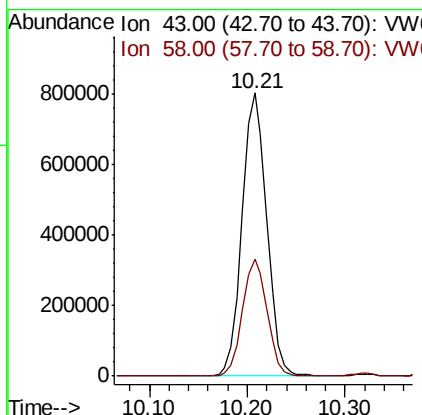
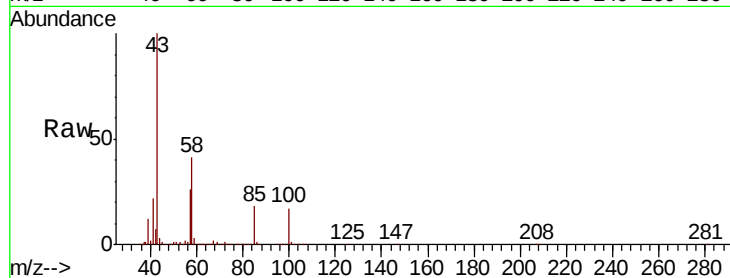




#51
4-Methyl-2-Pentanone
Concen: 260.145 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

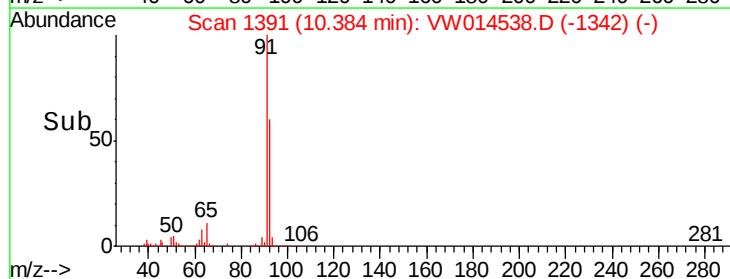
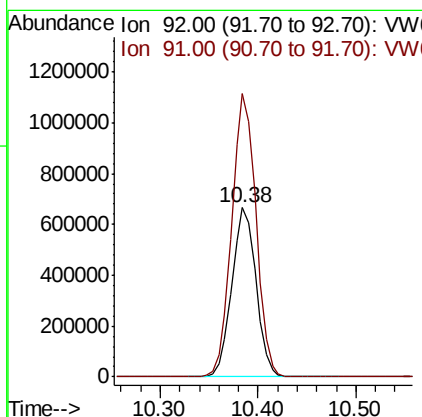
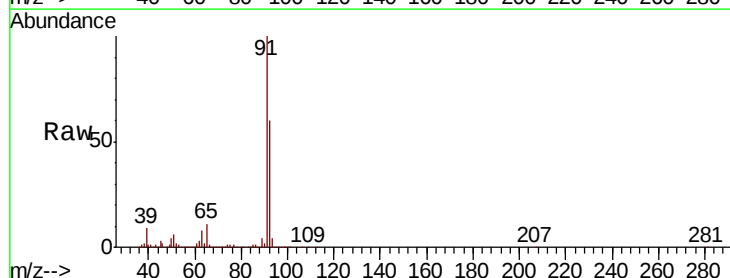
Instrument :
MSVOA_W
ClientSampled :

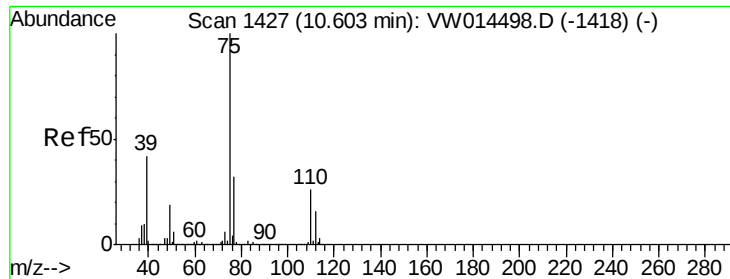
Tot Ion: 43 Resp: 1405028
Ion Ratio Lower Upper
43 100
58 41.1 32.7 49.1



#52
Toluene
Concen: 50.734 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 92 Resp: 1140417
Ion Ratio Lower Upper
92 100
91 168.1 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 50.431 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

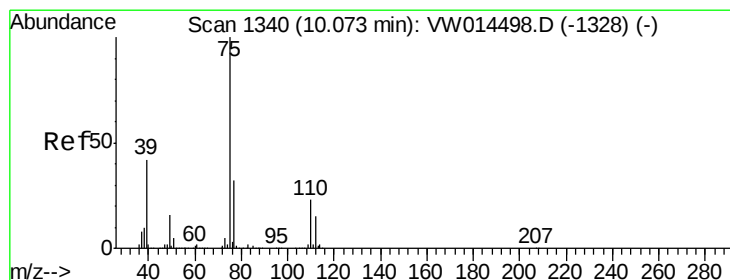
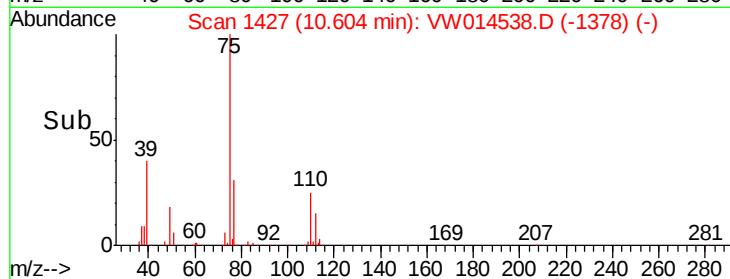
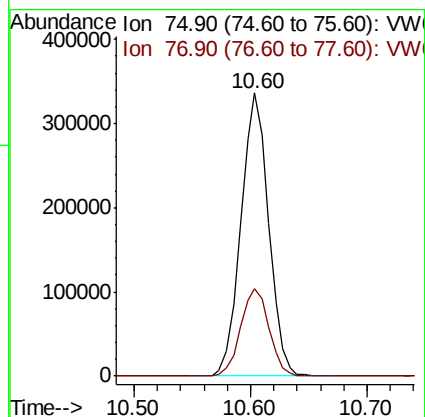
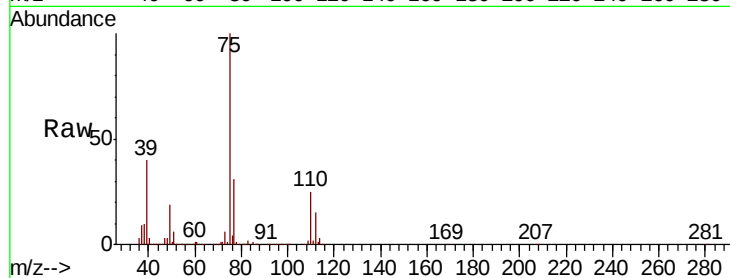
ClientSampleId :

Tot Ion: 75 Resp: 557992

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.643 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

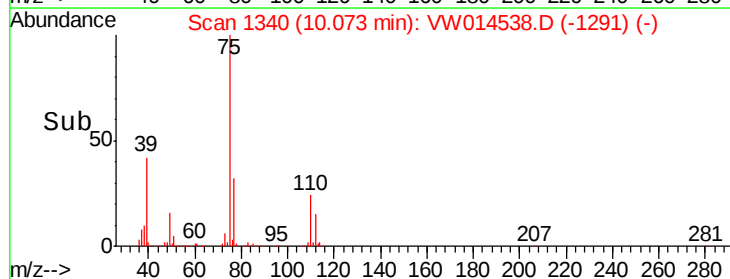
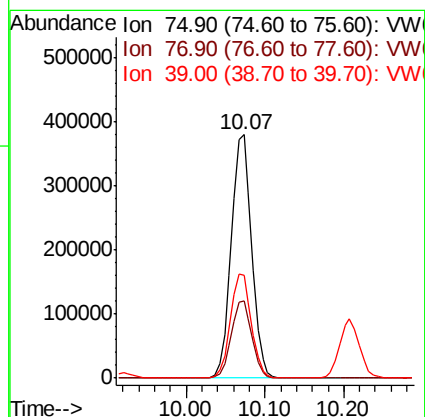
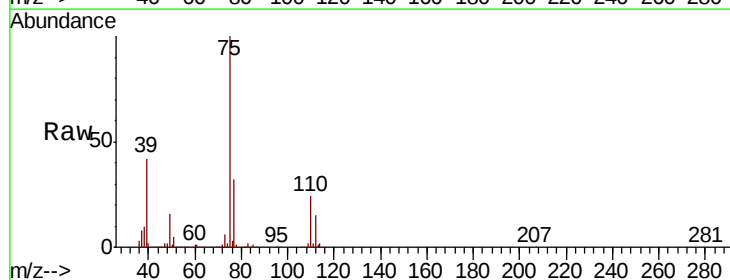
Tgt Ion: 75 Resp: 684834

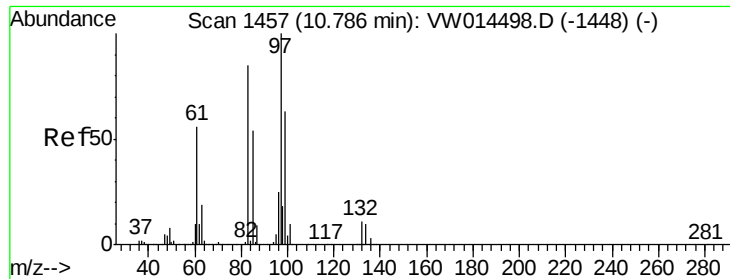
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 42.3 33.4 50.2

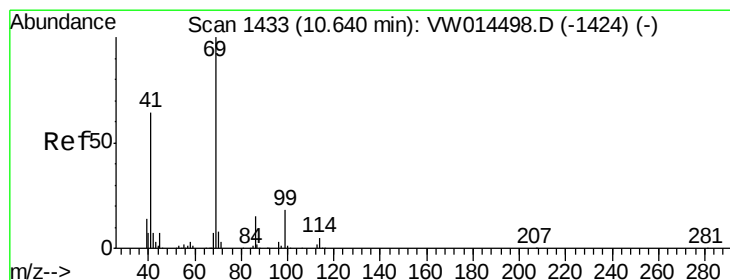
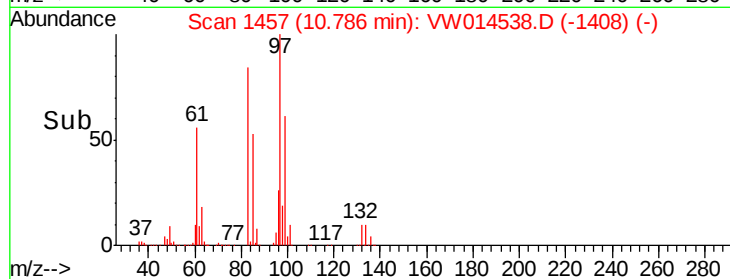
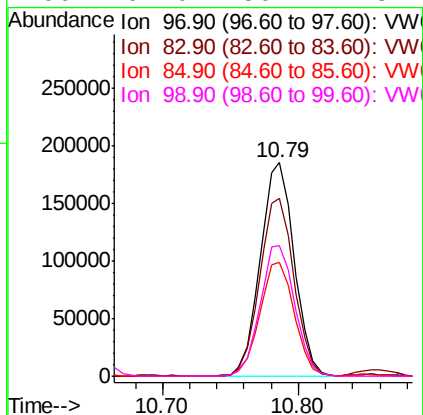
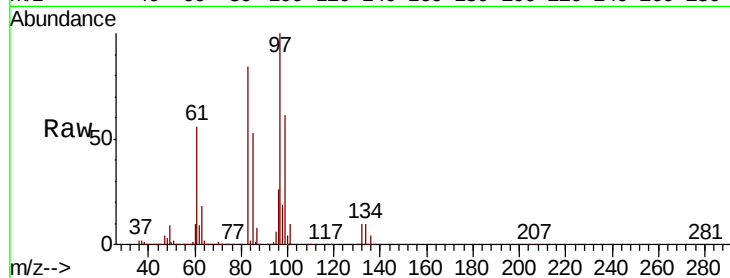




#55
 1,1,2-Trichloroethane
 Concen: 51.393 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

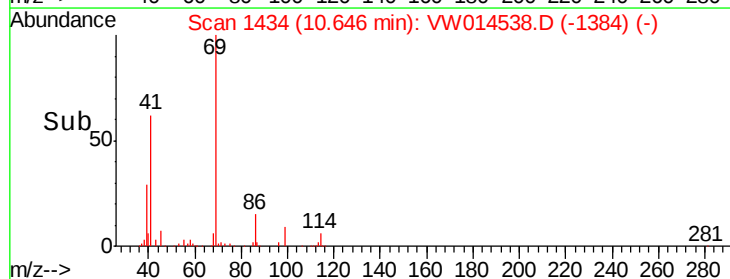
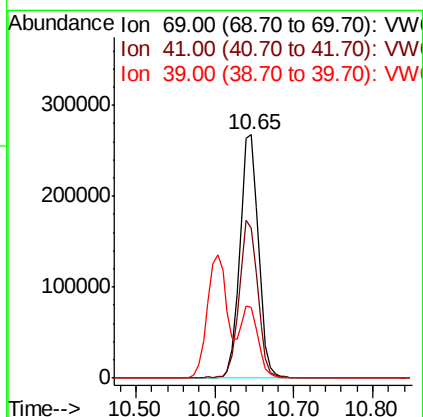
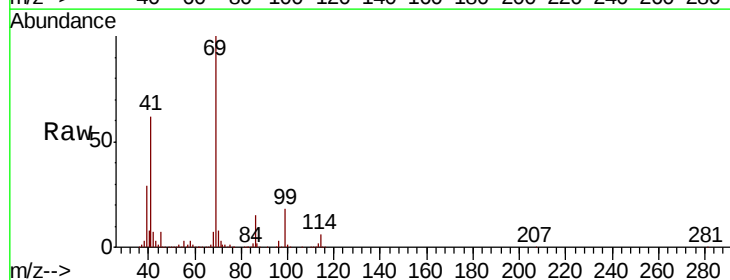
Instrument :
 MSVOA_W
 ClientSampled :

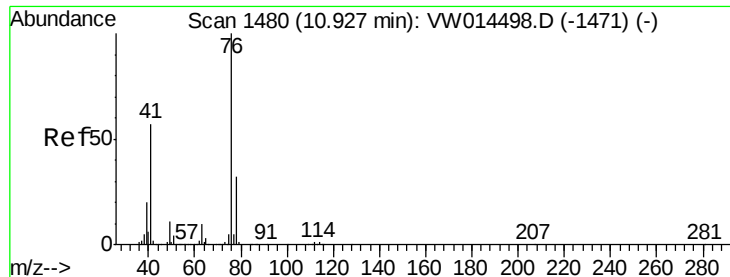
Tot Ion:	97	Resp:	324887
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.2	102.4
85	53.4	43.0	64.4
99	61.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 53.293 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Tgt Ion:	69	Resp:	437829
Ion	Ratio	Lower	Upper
69	100		
41	64.8	51.3	76.9
39	26.3	21.0	31.6





#57

1,3-Dichloropropane

Concen: 50.661 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

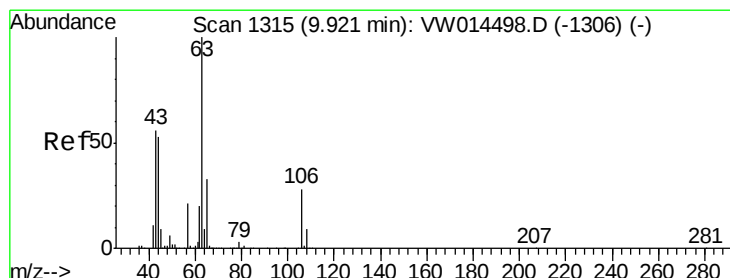
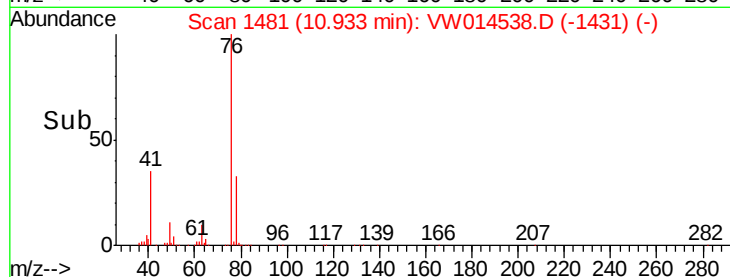
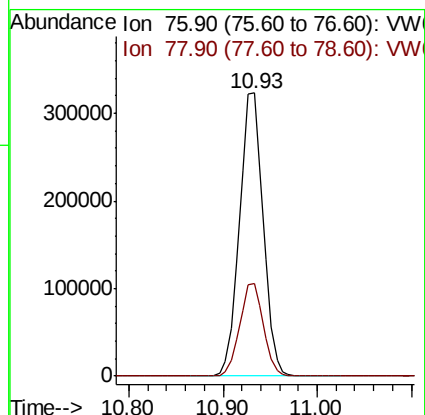
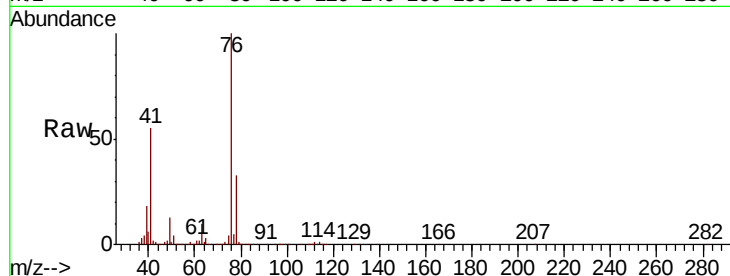
ClientSampleId :

Tot Ion: 76 Resp: 562865

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 283.318 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW014538.D

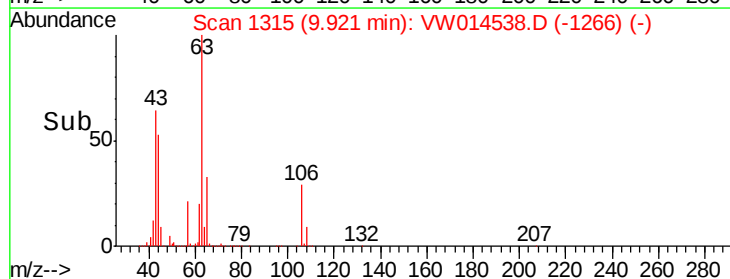
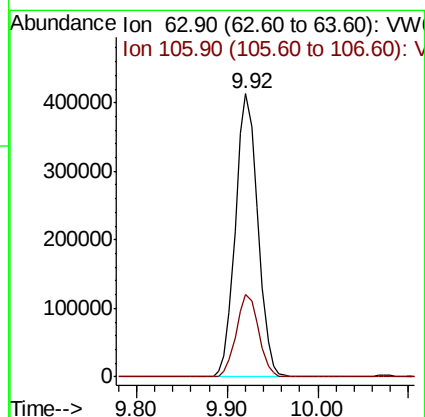
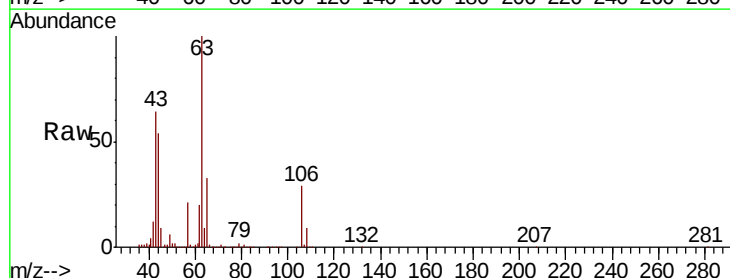
Acq: 06 Jan 2020 21:36

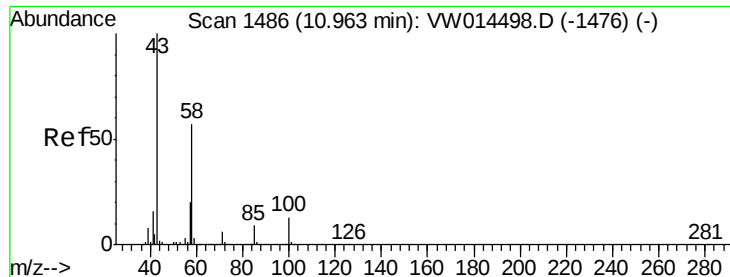
Tgt Ion: 63 Resp: 707906

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6

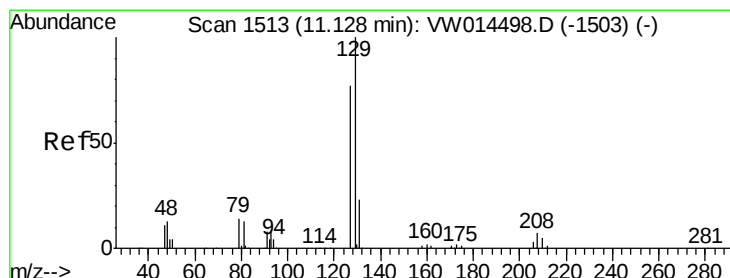
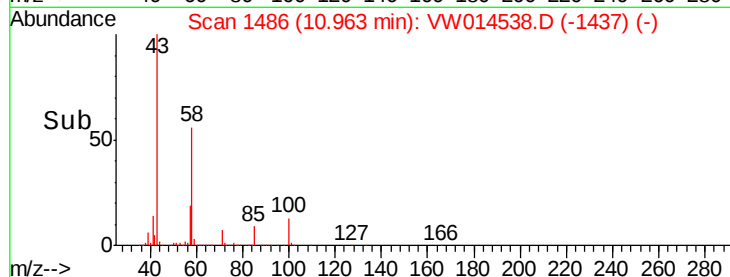
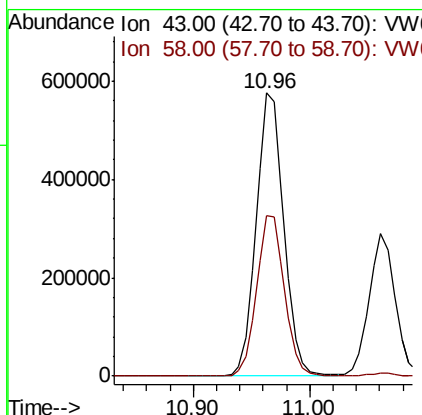
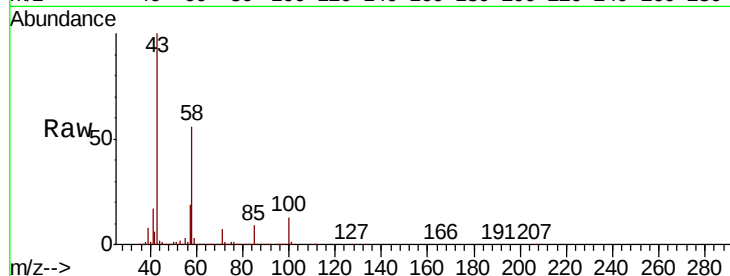




#59
2-Hexanone
Concen: 254.490 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

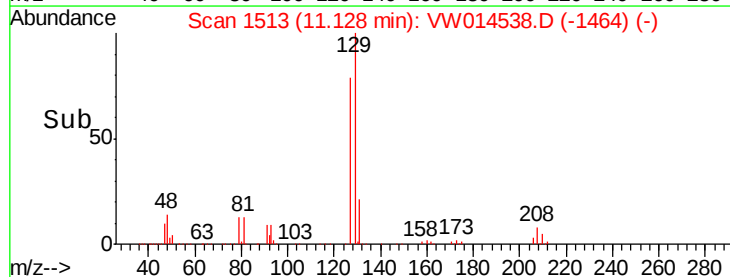
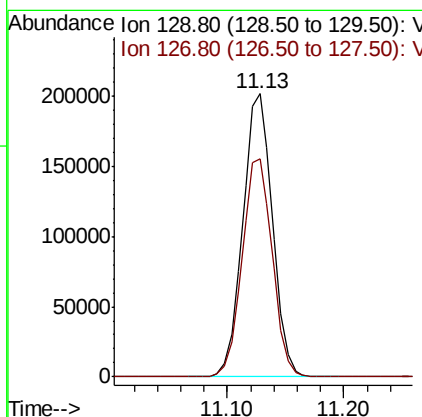
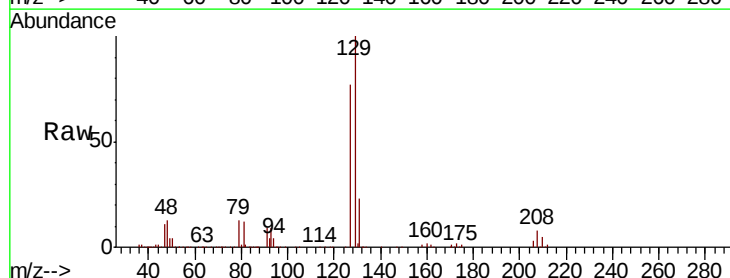
Instrument :
MSVOA_W
ClientSampleId :

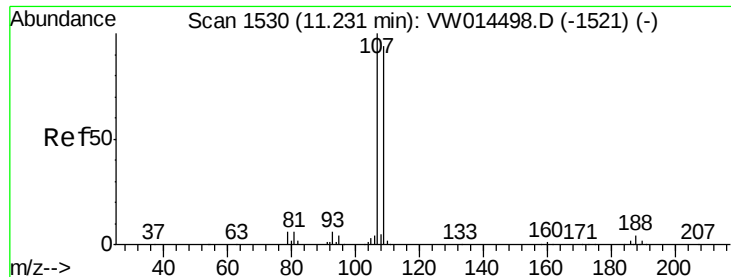
Tot Ion: 43 Resp: 947142
Ion Ratio Lower Upper
43 100
58 57.0 28.7 86.3



#60
Dibromochloromethane
Concen: 50.097 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 129 Resp: 357323
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5

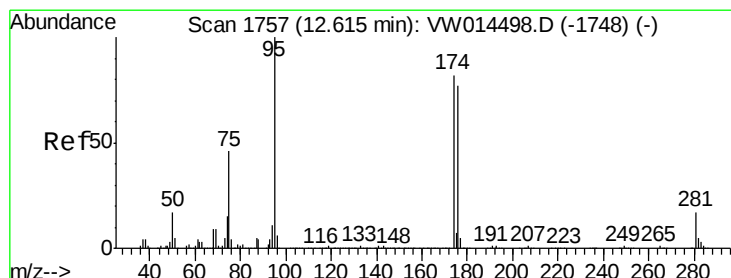
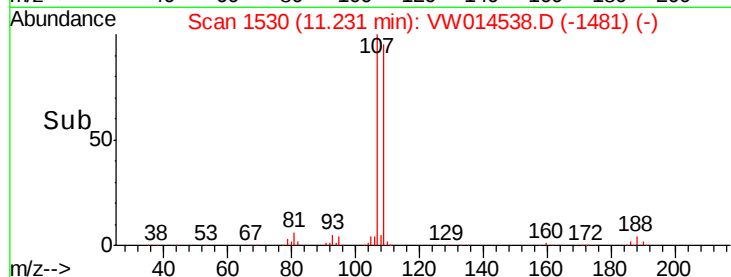
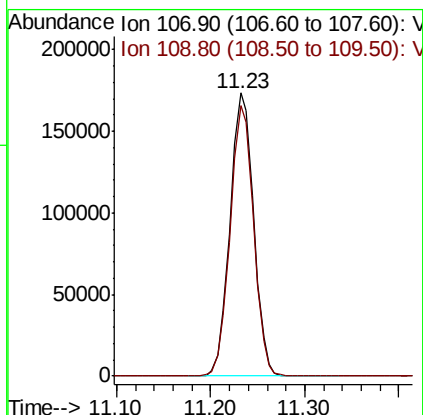
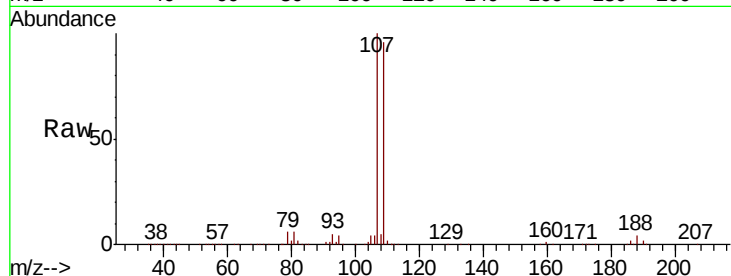




#61
 1,2-Dibromoethane
 Concen: 50.347 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

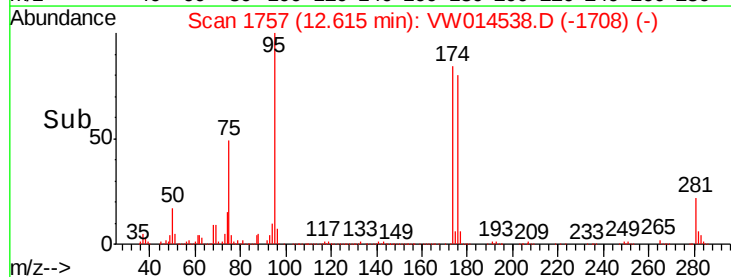
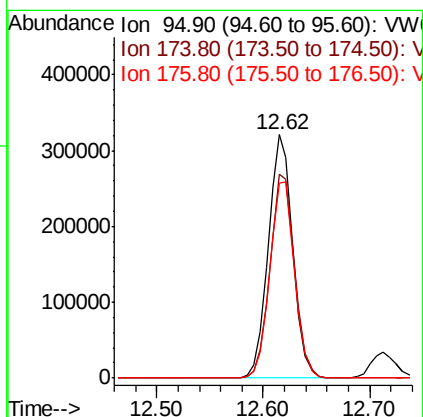
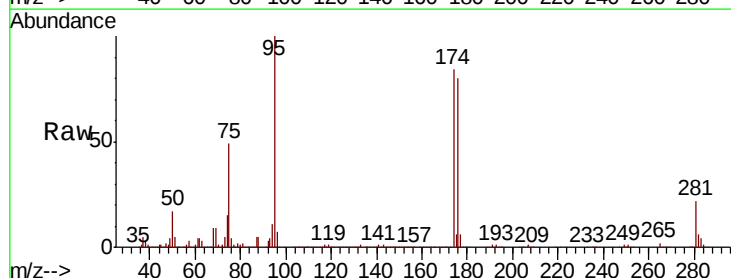
Instrument :
 MSVOA_W
 ClientSampleId :

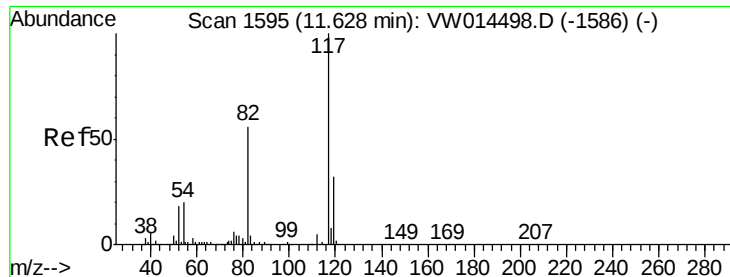
Tot Ion: 107 Resp: 302118
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.282 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Tgt Ion: 95 Resp: 511665
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 168.6
 176 82.3 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: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampled :

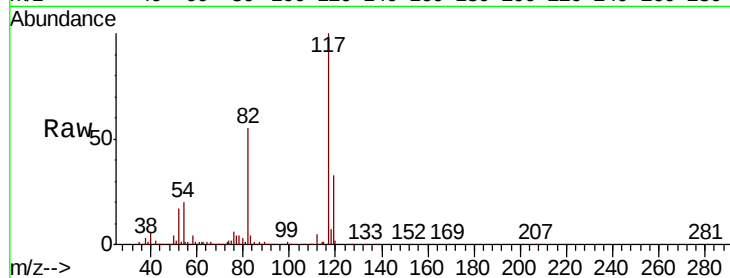
Tot Ion:117 Resp: 1133169

Ion Ratio Lower Upper

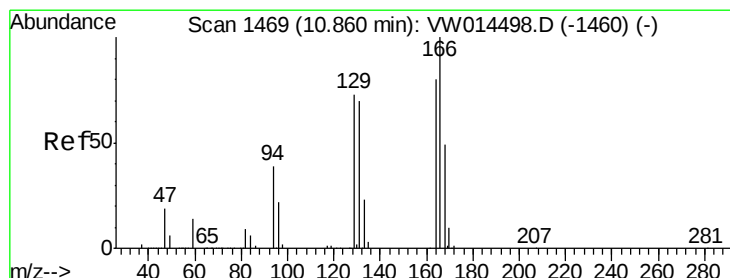
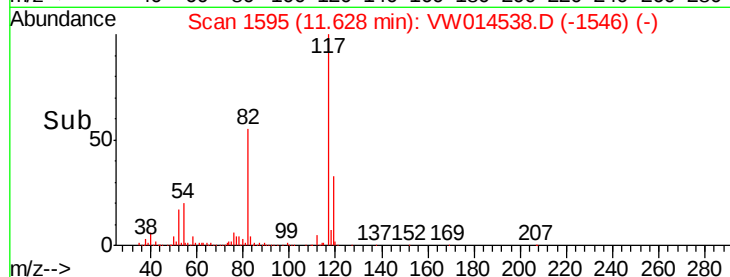
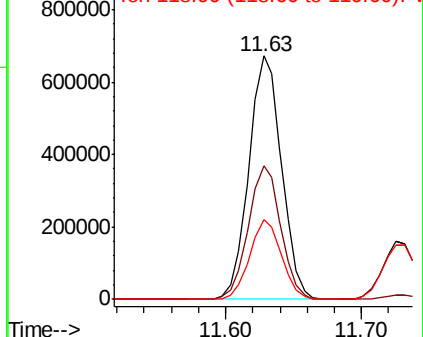
117 100

82 54.6 44.6 67.0

119 32.8 25.7 38.5



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



#64

Tetrachloroethene

Concen: 48.317 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Tgt Ion:164 Resp: 396384

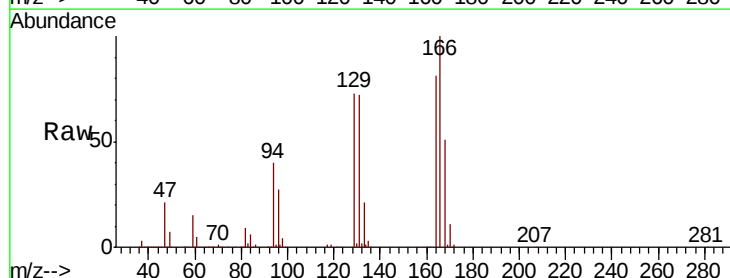
Ion Ratio Lower Upper

164 100

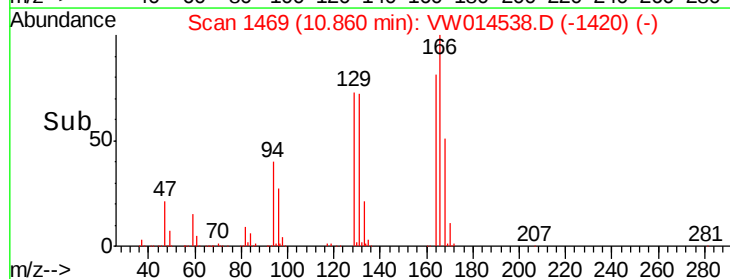
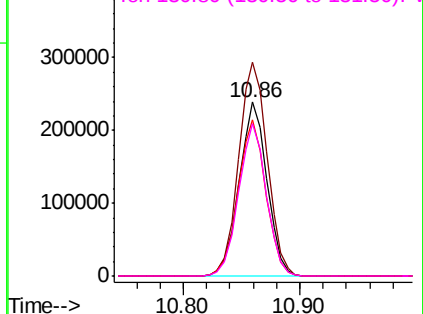
166 123.1 99.8 149.6

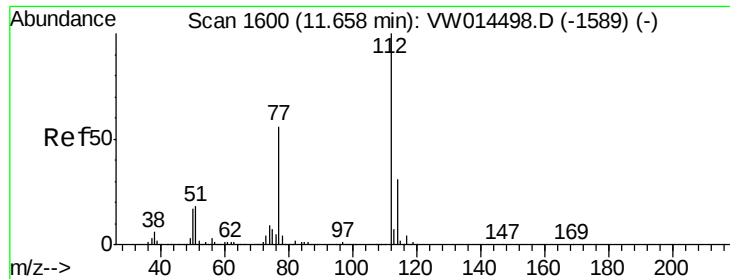
129 89.7 72.4 108.6

131 88.0 70.1 105.1



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

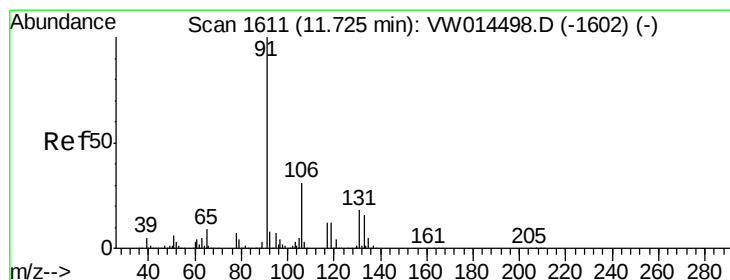
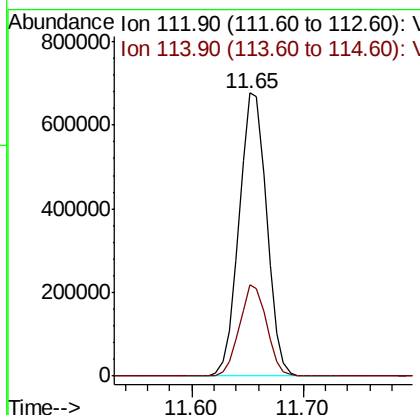
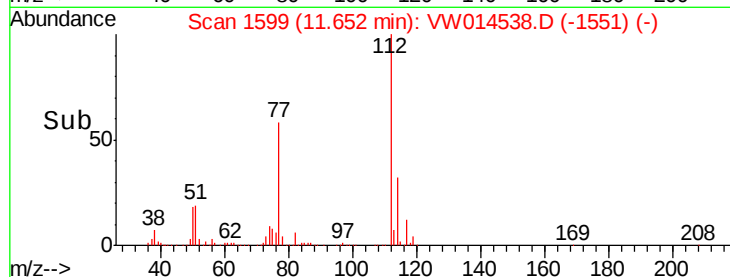
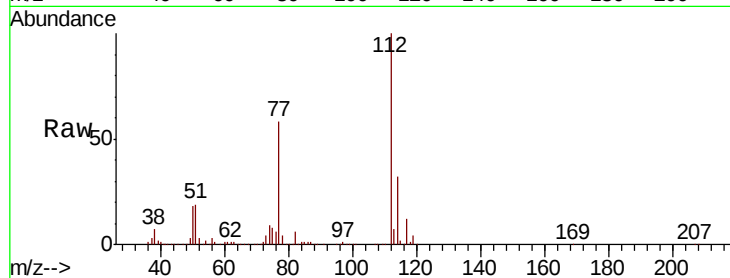




#65
Chlorobenzene
Concen: 50.208 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

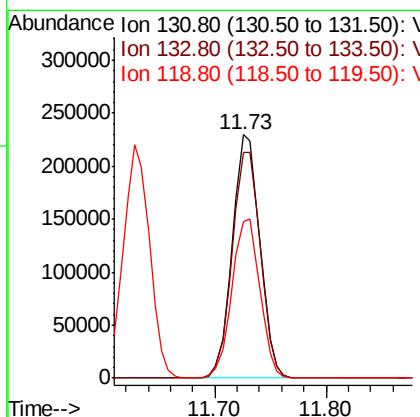
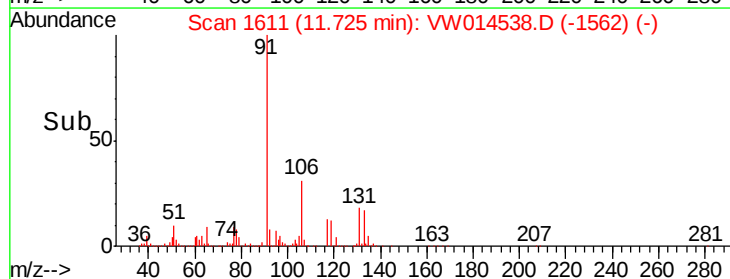
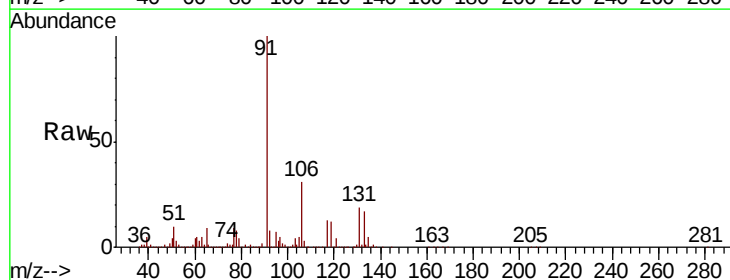
Instrument :
MSVOA_W
ClientSampleId :

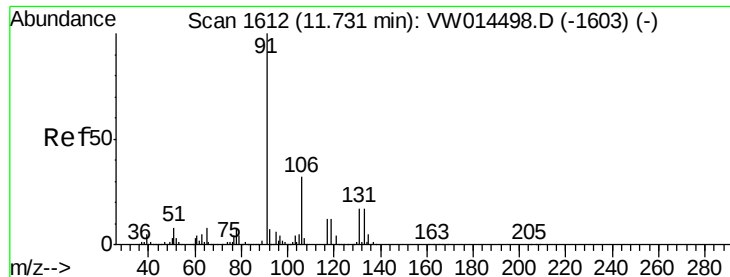
Tot Ion:112 Resp: 1165593
Ion Ratio Lower Upper
112 100
114 32.4 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.295 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion:131 Resp: 393131
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 49.869 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

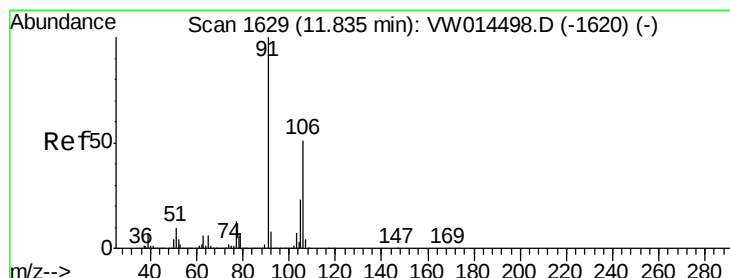
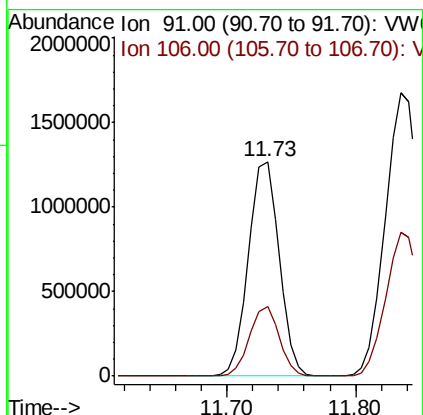
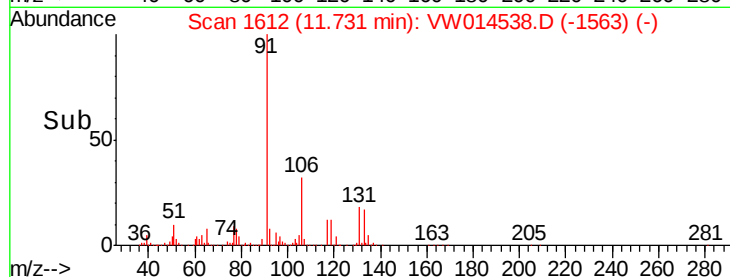
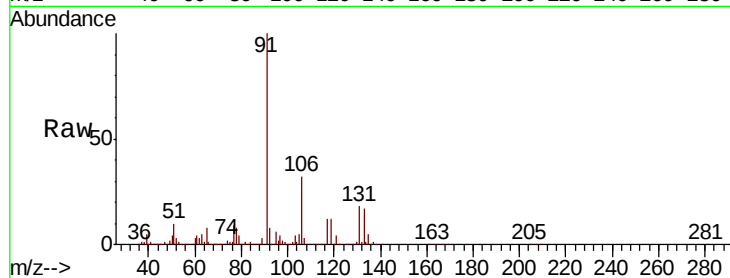
ClientSampleId :

Tot Ion: 91 Resp: 2086364

Ion Ratio Lower Upper

91 100

106 32.4 25.5 38.3



#68

m/p-Xylenes

Concen: 100.659 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014538.D

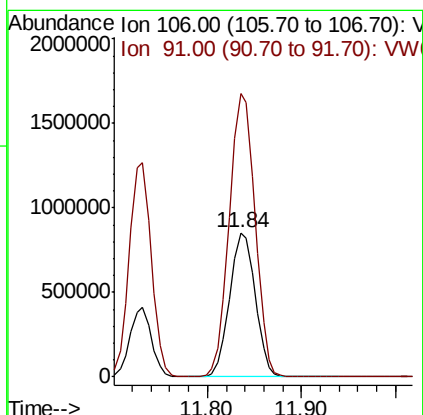
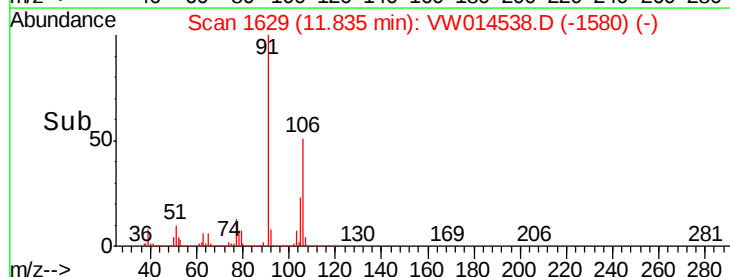
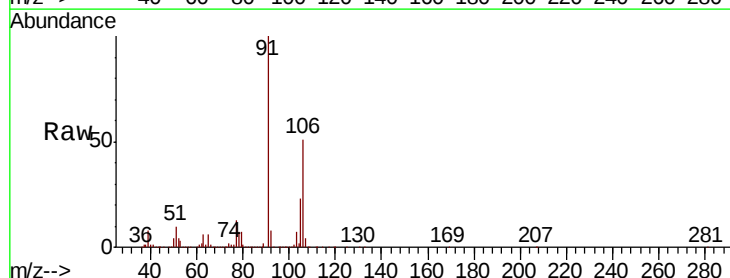
Acq: 06 Jan 2020 21:36

Tgt Ion: 106 Resp: 1611769

Ion Ratio Lower Upper

106 100

91 197.7 159.0 238.6

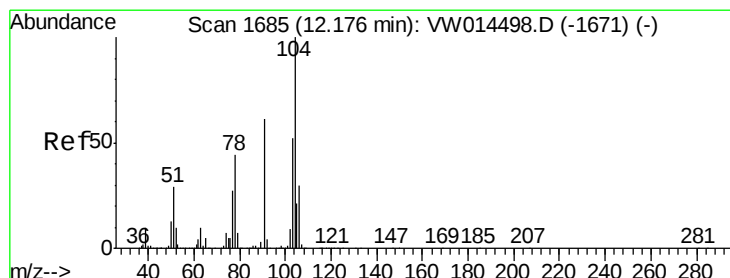
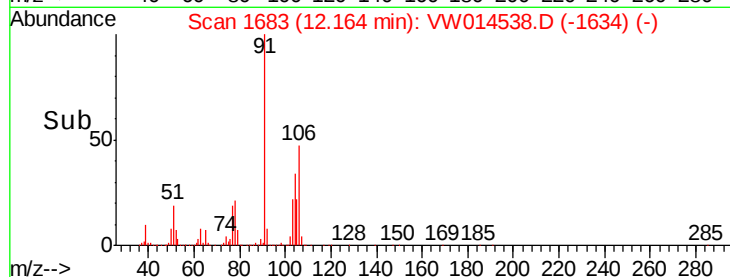
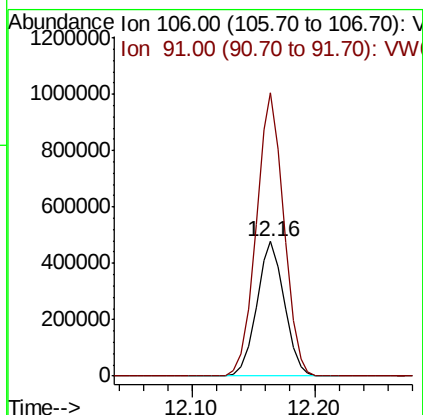
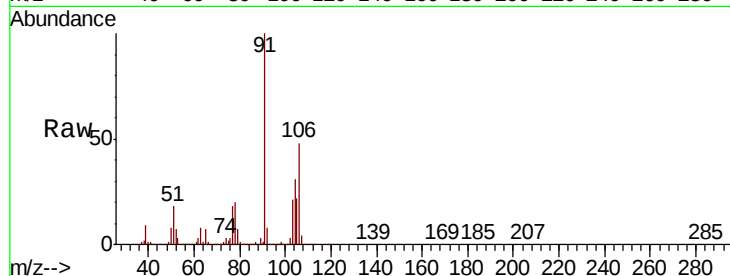




#69
o-Xylene
Concen: 50.733 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

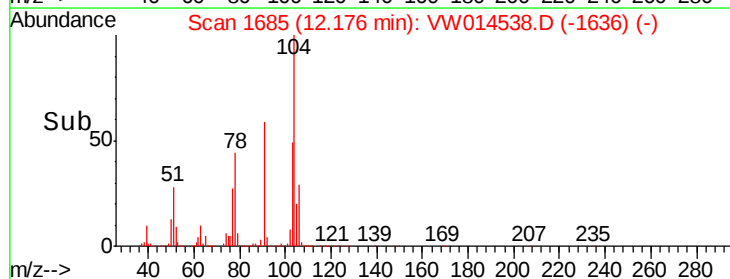
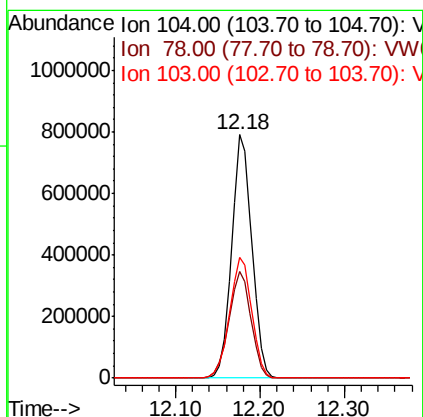
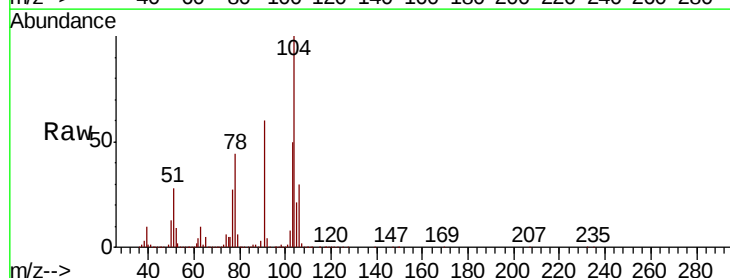
Instrument :
MSVOA_W
ClientSampled :

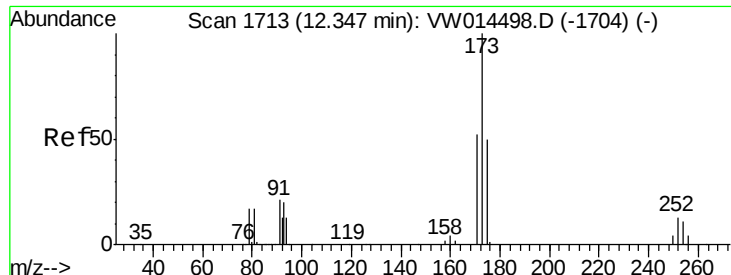
Tot Ion:106 Resp: 750371
Ion Ratio Lower Upper
106 100
91 210.1 105.2 315.6



#70
Styrene
Concen: 51.179 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion:104 Resp: 1280338
Ion Ratio Lower Upper
104 100
78 48.3 38.4 57.6
103 54.7 43.7 65.5





#71

Bromoform

Concen: 49.596 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampleId :

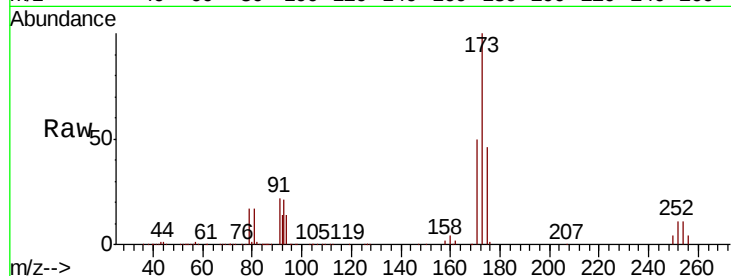
Tot Ion:173 Resp: 211455

Ion Ratio Lower Upper

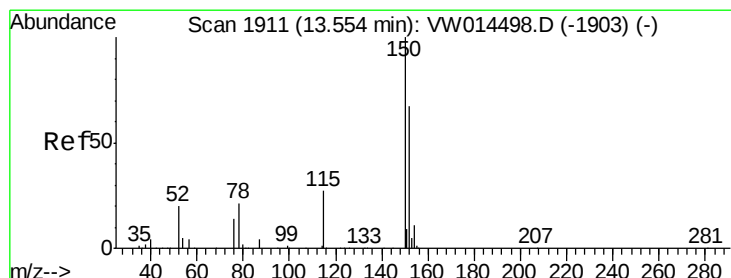
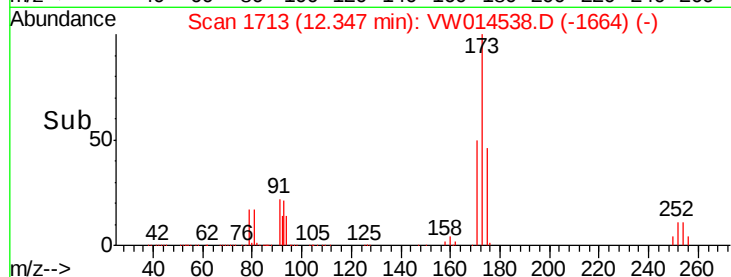
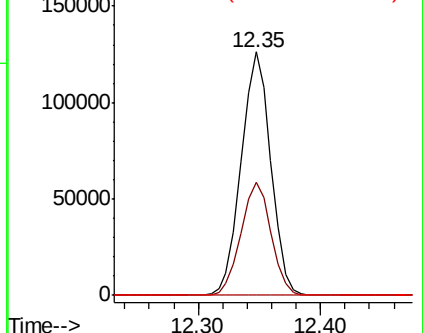
173 100

175 47.2 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

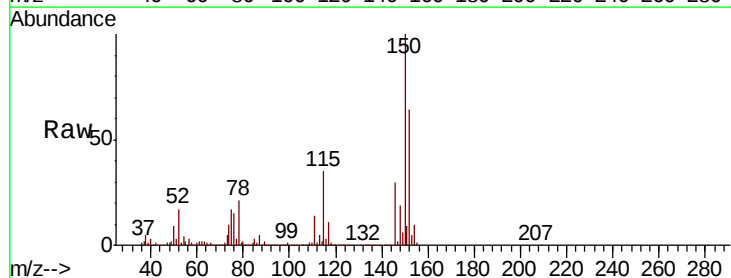
Tgt Ion:152 Resp: 550195

Ion Ratio Lower Upper

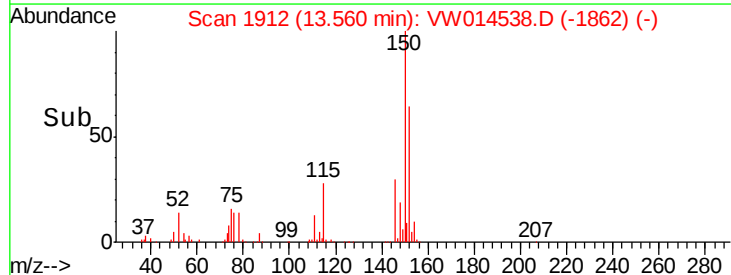
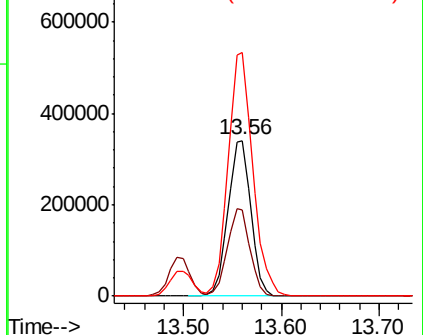
152 100

115 55.5 27.7 83.1

150 169.4 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: 50.487 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

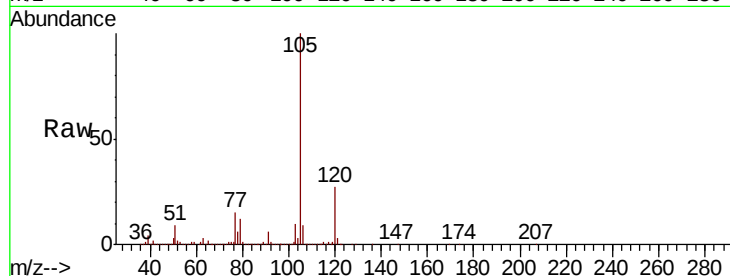
ClientSampled :

Tot Ion:105 Resp: 2038209

Ion Ratio Lower Upper

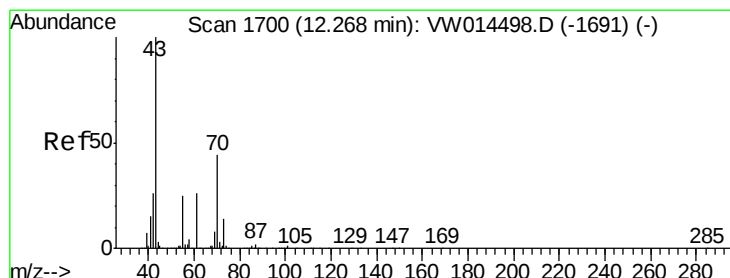
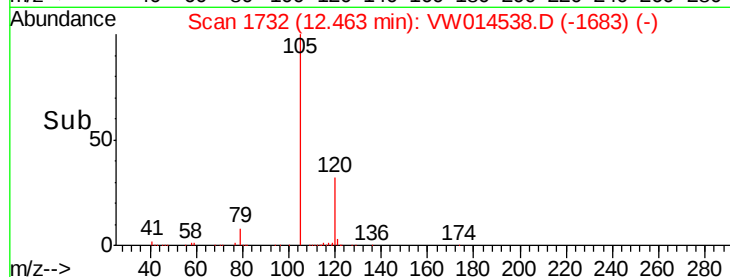
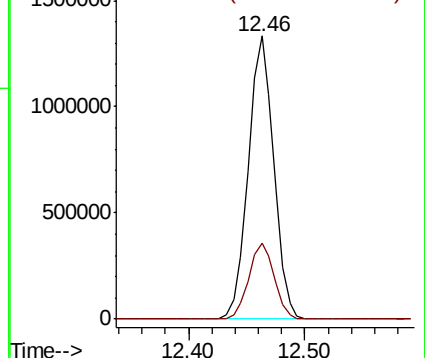
105 100

120 26.9 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: 52.409 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Tgt Ion: 43 Resp: 474403

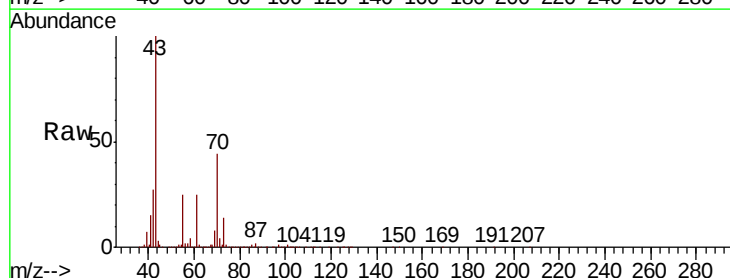
Ion Ratio Lower Upper

43 100

70 45.9 36.5 54.7

55 25.2 20.9 31.3

61 25.8 20.7 31.1

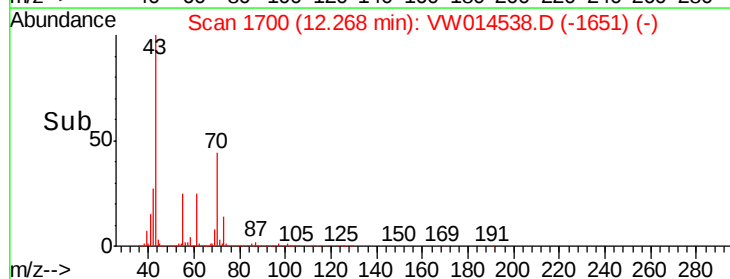
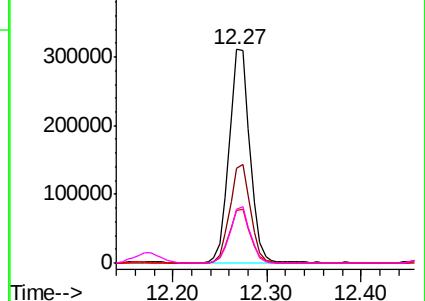


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.809 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampleId :

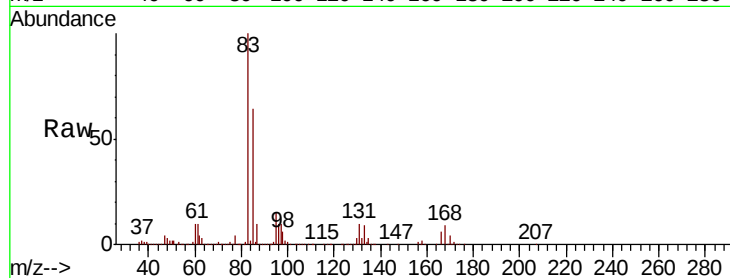
Tot Ion: 83 Resp: 370229

Ion Ratio Lower Upper

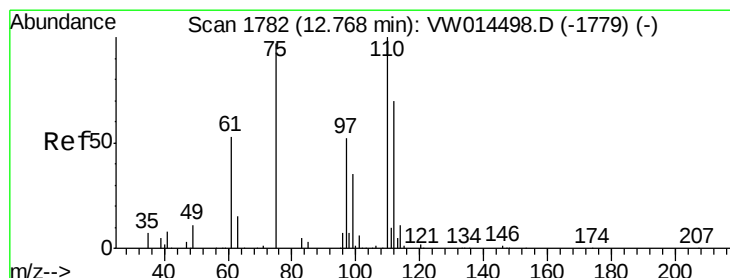
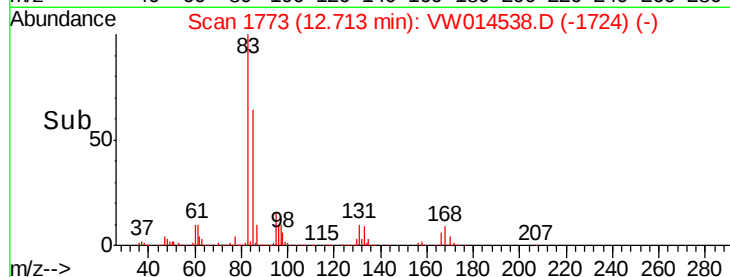
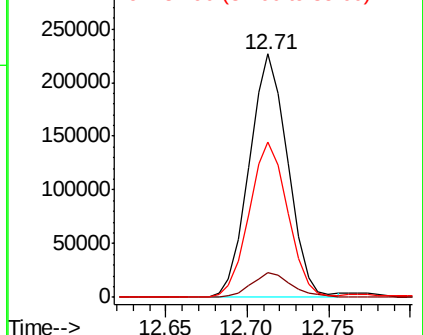
83 100

131 10.5 5.1 15.4

85 64.3 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: 88.096 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW014538.D

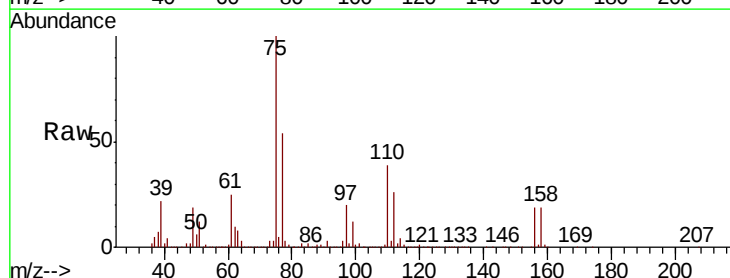
Acq: 06 Jan 2020 21:36

Tgt Ion: 75 Resp: 458279

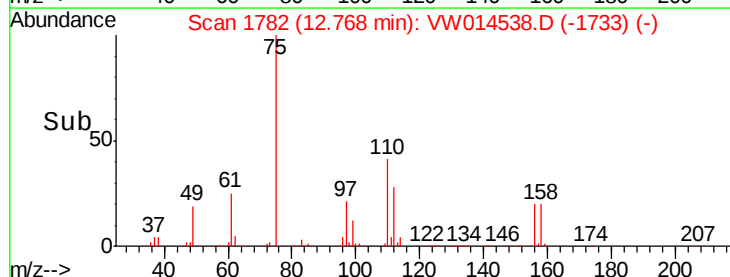
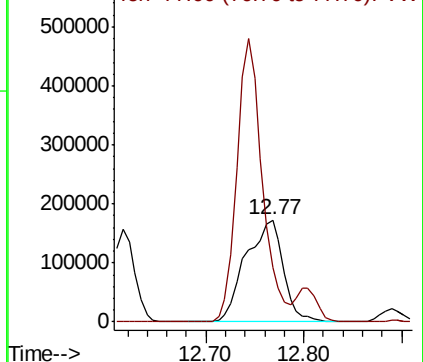
Ion Ratio Lower Upper

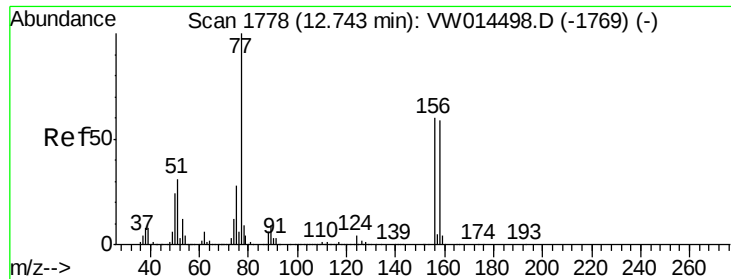
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

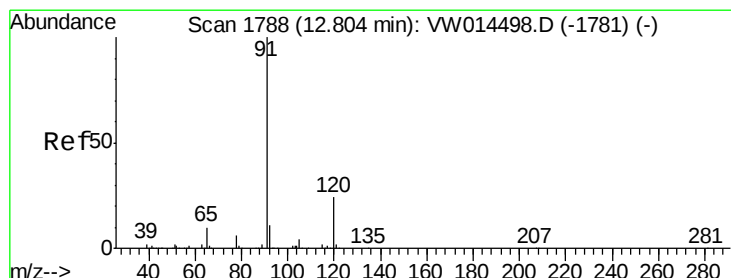
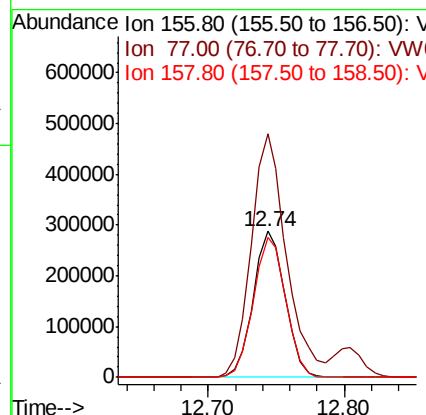
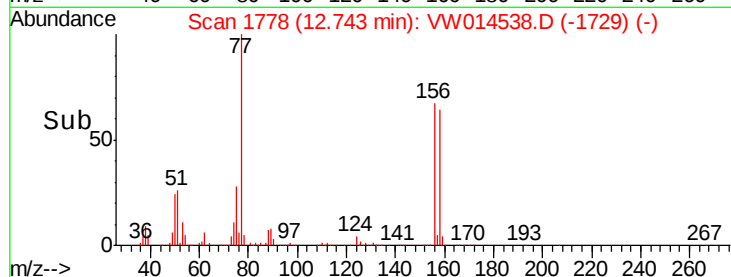
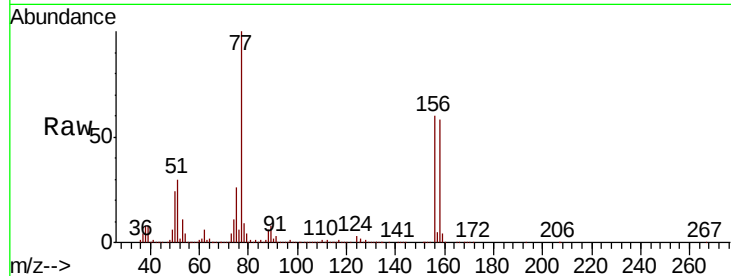




#77
Bromobenzene
Concen: 50.477 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

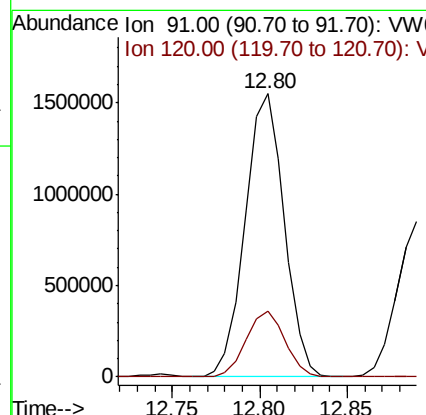
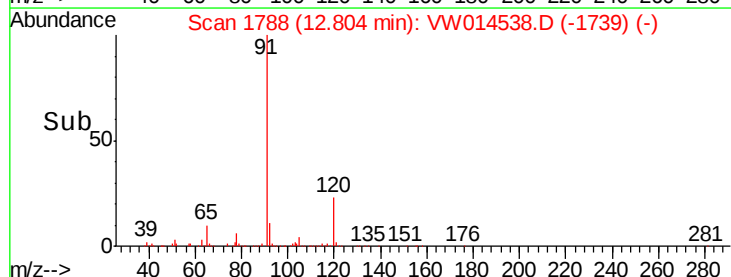
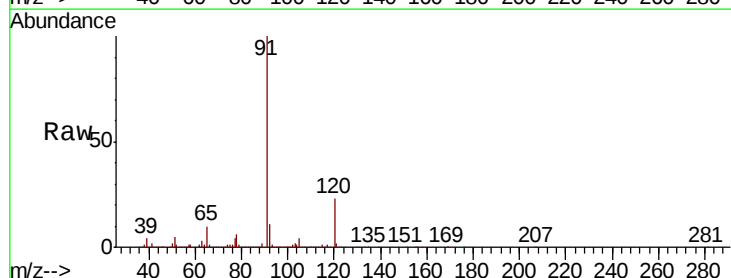
Instrument :
MSVOA_W
ClientSampled :

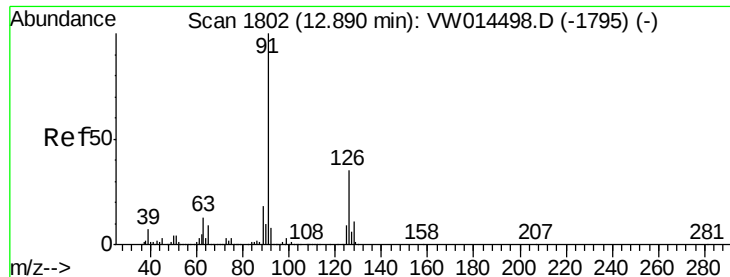
Tot Ion:156 Resp: 473292
Ion Ratio Lower Upper
156 100
77 184.2 92.3 277.1
158 97.2 48.6 145.9



#78
n-propylbenzene
Concen: 50.680 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion: 91 Resp: 2405852
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.1





#79

2-Chlorotoluene

Concen: 49.956 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

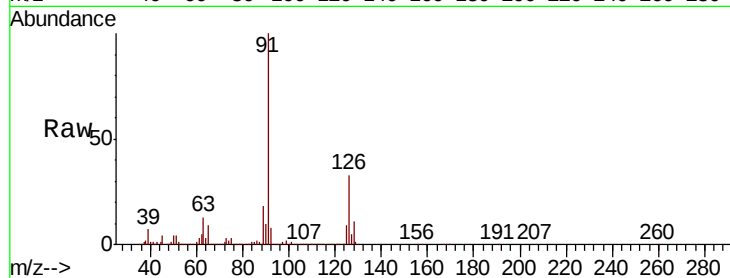
ClientSampleId :

Tot Ion: 91 Resp: 1349564

Ion Ratio Lower Upper

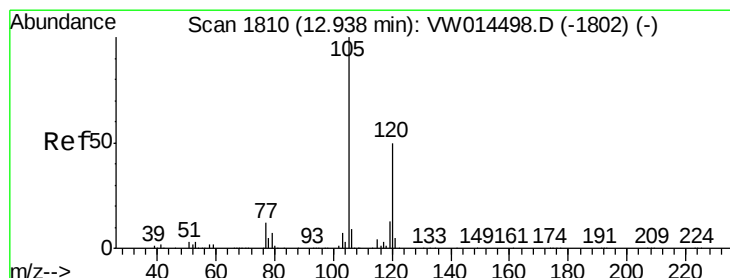
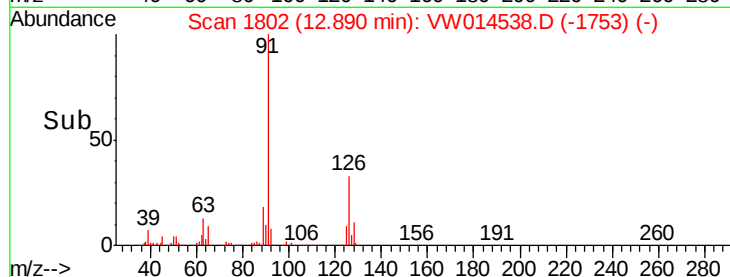
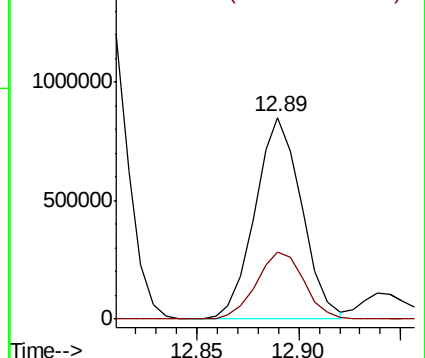
91 100

126 34.0 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: 49.900 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014538.D

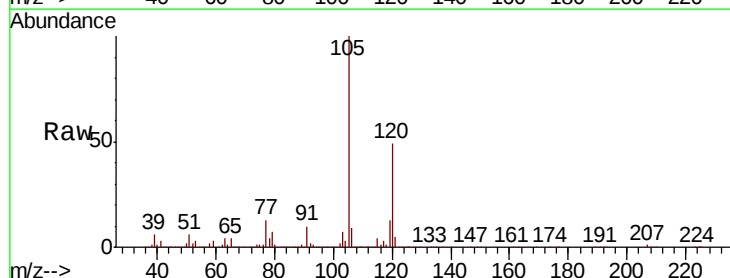
Acq: 06 Jan 2020 21:36

Tgt Ion:105 Resp: 1691427

Ion Ratio Lower Upper

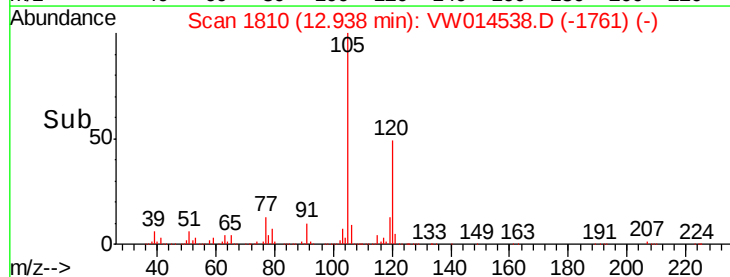
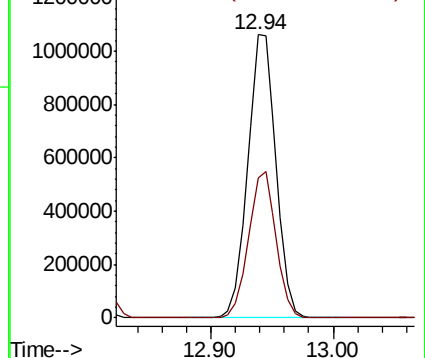
105 100

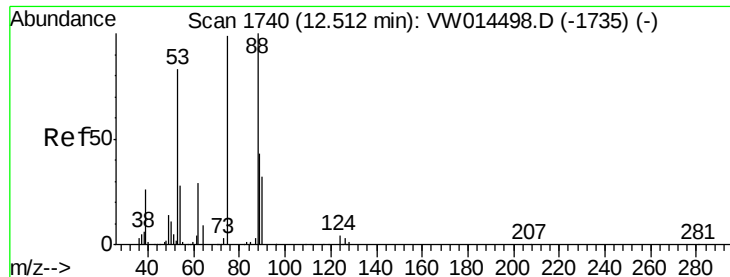
120 50.5 25.2 75.6



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: 49.168 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

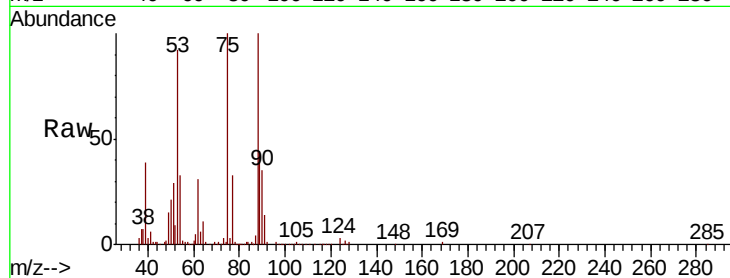
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 114797

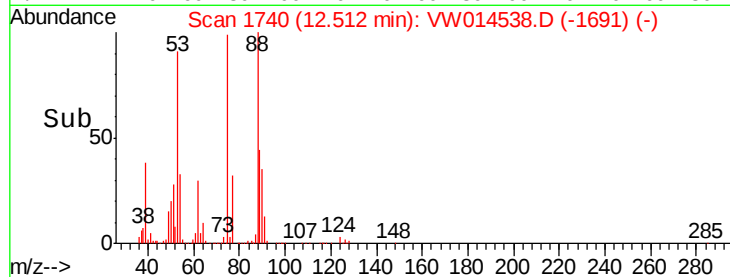
Ion	Ratio	Lower	Upper
75	100		
53	91.5	70.9	106.3
89	44.8	35.8	53.8



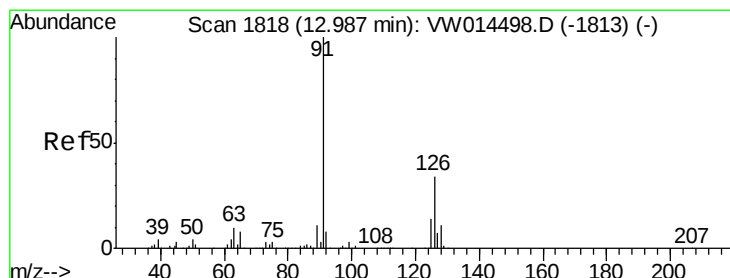
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



Time--> 12.45 12.50 12.55



#82

4-Chlorotoluene

Concen: 50.076 ug/l

RT: 12.99 min Scan# 1818

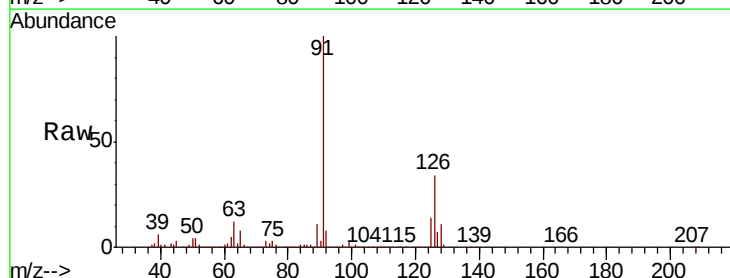
Delta R.T. 0.00 min

Lab File: VW014538.D

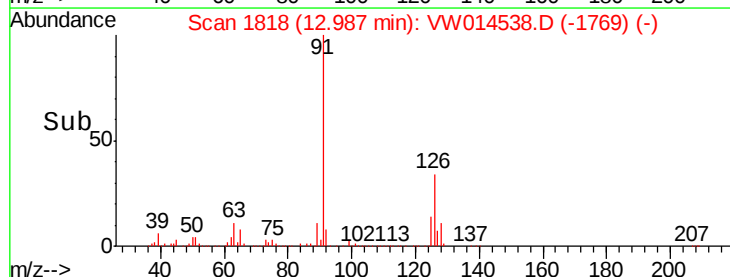
Acq: 06 Jan 2020 21:36

Tgt Ion: 91 Resp: 1405469

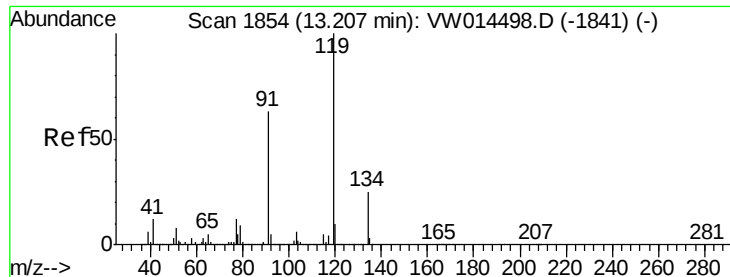
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.1	51.2



Abundance Ion 91.00 (90.70 to 91.70): VW



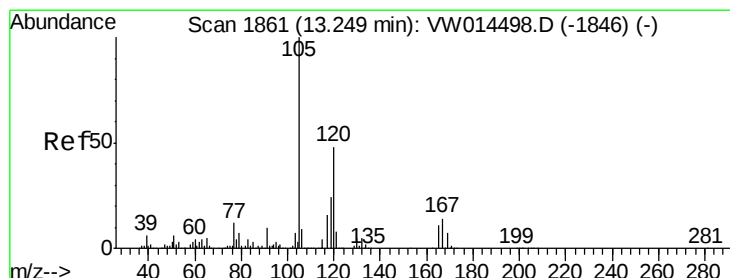
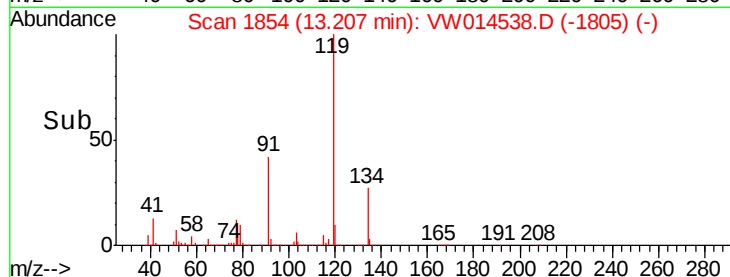
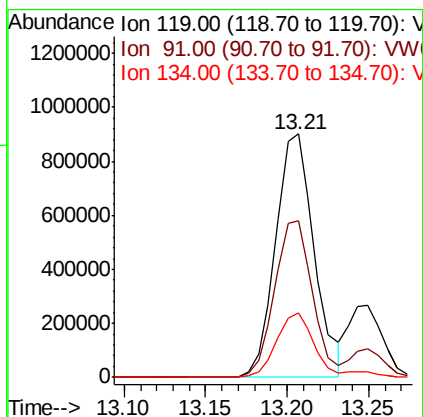
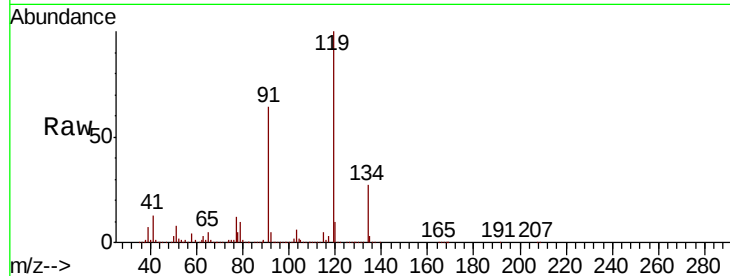
Time--> 12.95 13.00 13.05



#83
tert-Butylbenzene
Concen: 49.973 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

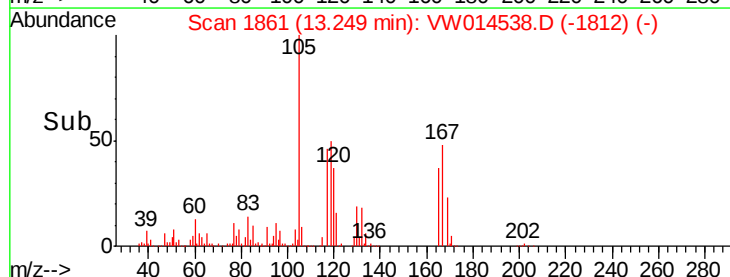
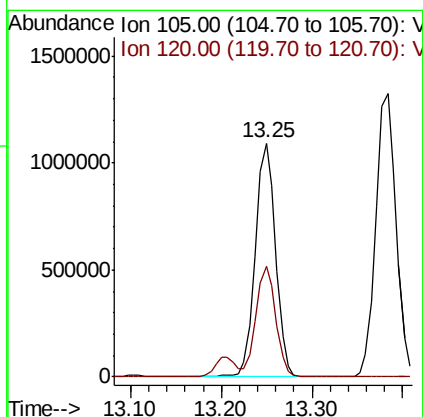
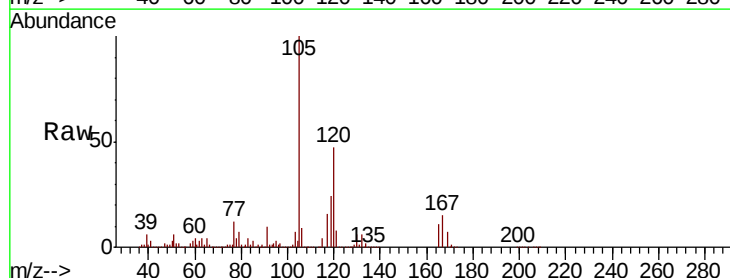
Instrument :
MSVOA_W
ClientSampleId :

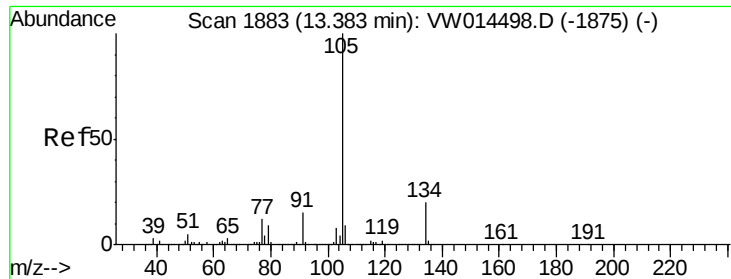
Tot Ion:119 Resp: 1483080
Ion Ratio Lower Upper
119 100
91 63.3 31.1 93.3
134 25.7 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 50.140 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion:105 Resp: 1691309
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 49.811 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

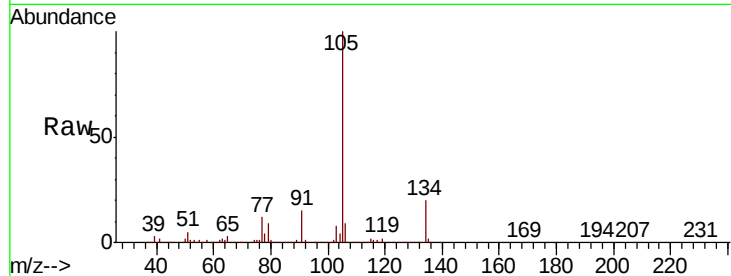
ClientSampled :

Tot Ion:105 Resp: 2046175

Ion Ratio Lower Upper

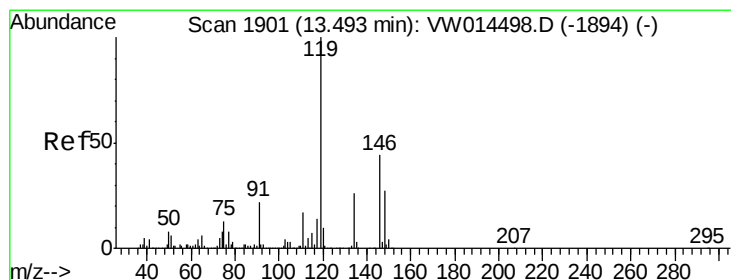
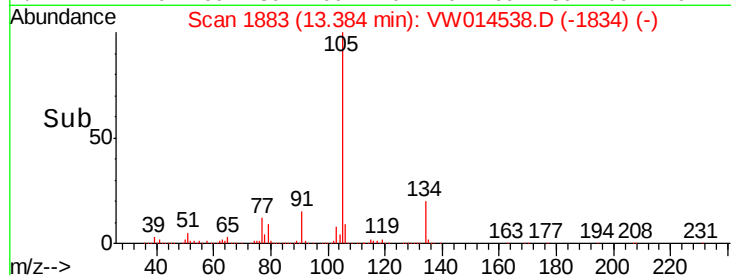
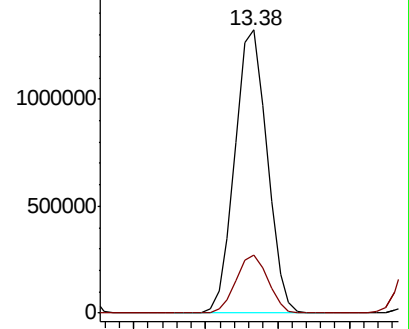
105 100

134 20.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.372 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

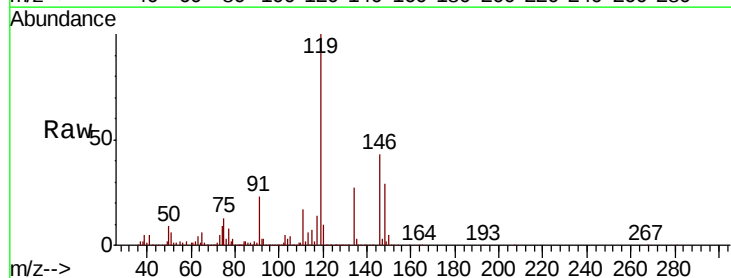
Tgt Ion:119 Resp: 1848652

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

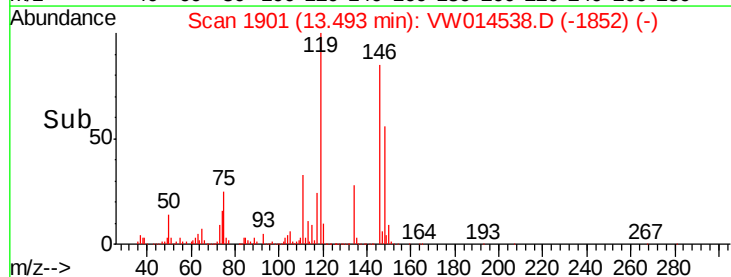
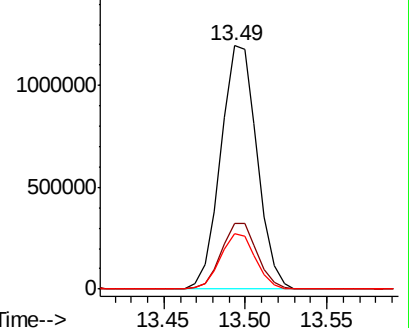
91 22.1 11.1 33.3

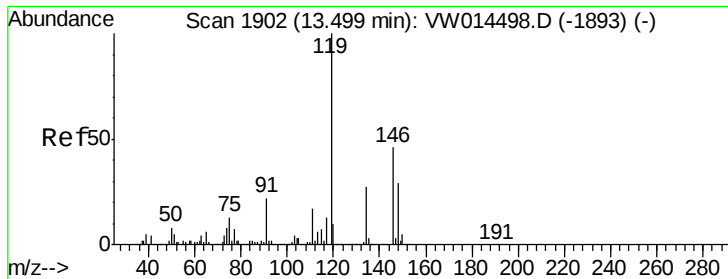


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.513 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampleId :

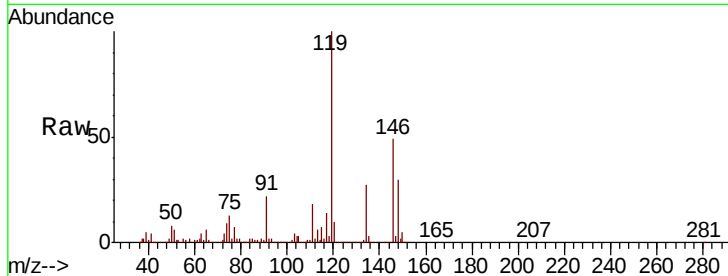
Tot Ion:146 Resp: 902780

Ion Ratio Lower Upper

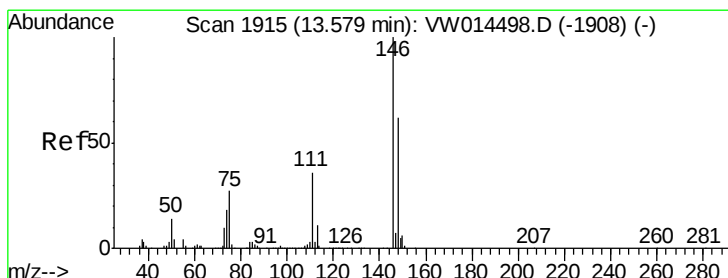
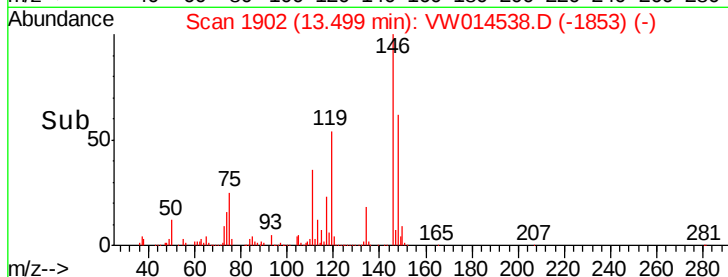
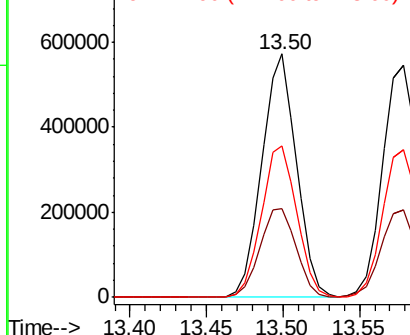
146 100

111 38.1 19.3 57.9

148 63.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.054 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

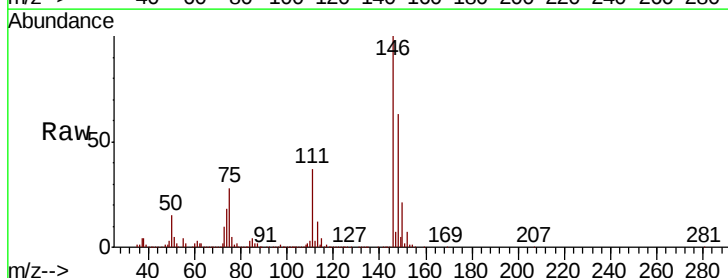
Tgt Ion:146 Resp: 883001

Ion Ratio Lower Upper

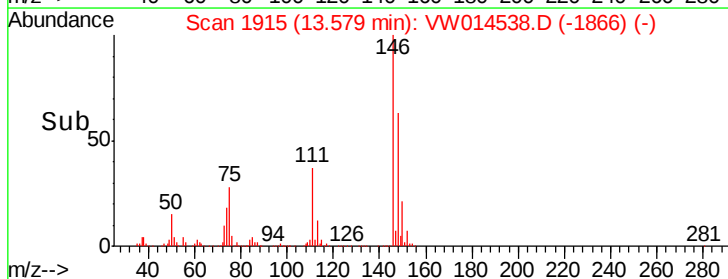
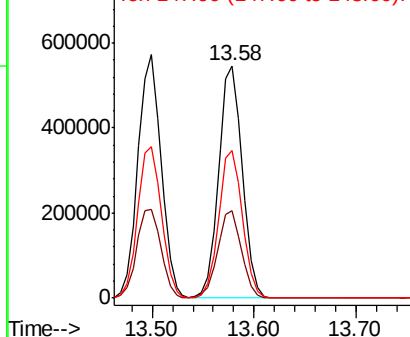
146 100

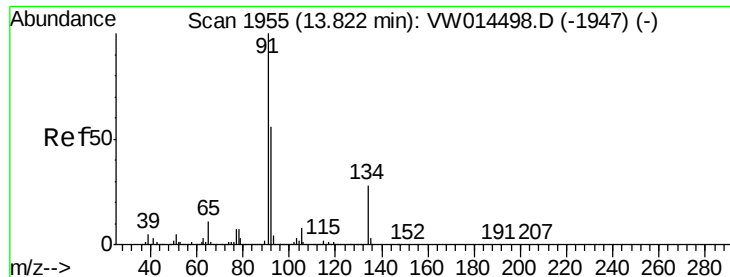
111 37.8 18.7 56.1

148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.663 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampleId :

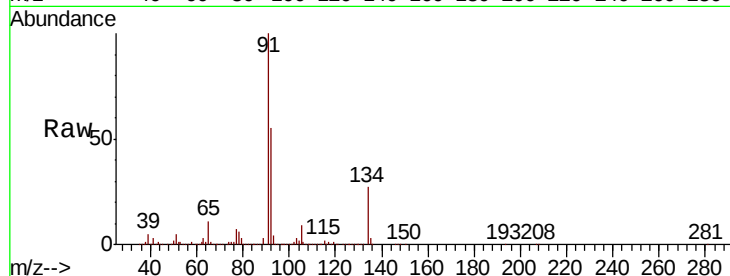
Tot Ion: 91 Resp: 1726802

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.5
134	26.9	13.7	41.1

91 100

92 54.9 27.5 82.5

134 26.9 13.7 41.1

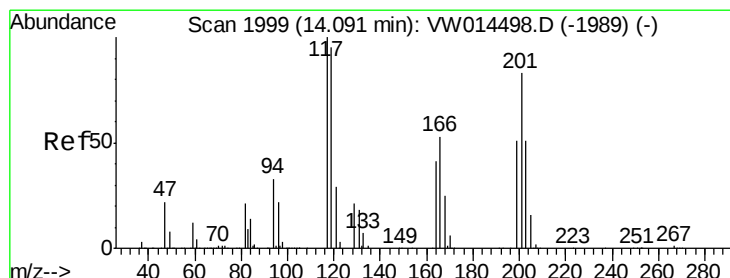
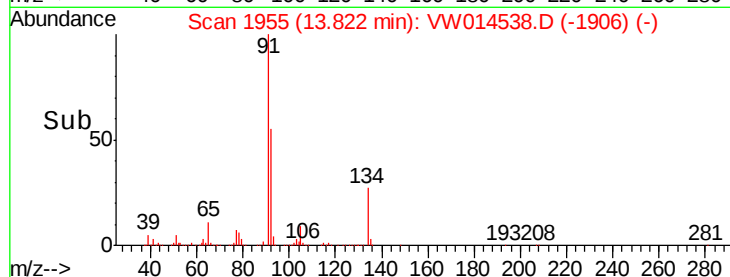
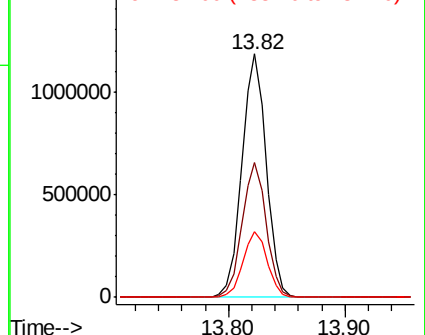


Abundance

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: 48.720 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014538.D

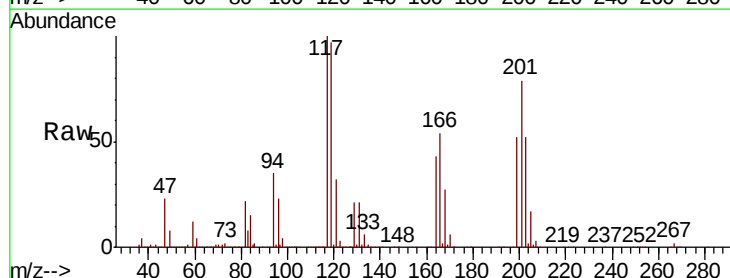
Acq: 06 Jan 2020 21:36

Tgt Ion: 117 Resp: 318680

Ion	Ratio	Lower	Upper
117	100		
201	84.3	43.0	128.8

117 100

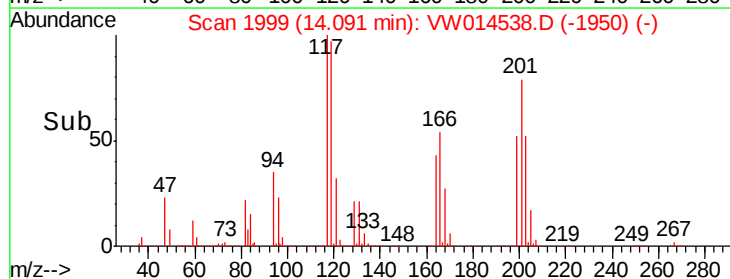
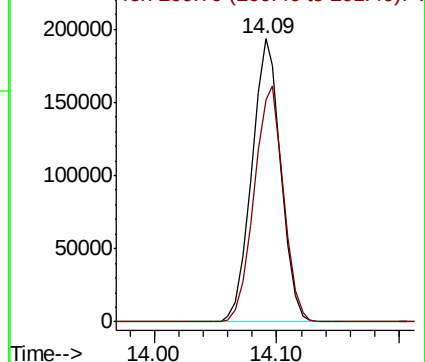
201 84.3 43.0 128.8

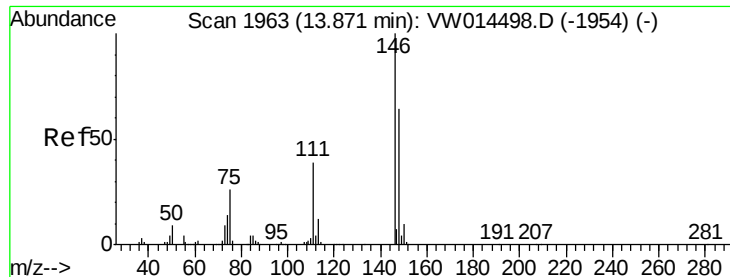


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.379 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

Instrument :

MSVOA_W

ClientSampleId :

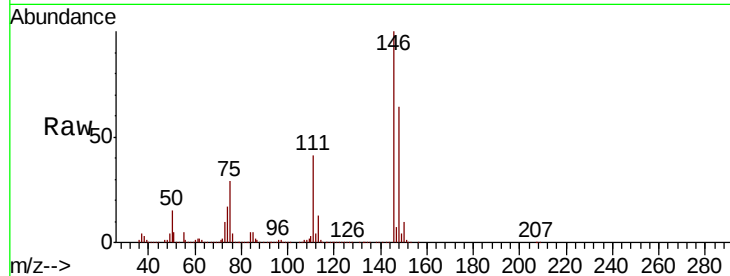
Tot Ion:146 Resp: 791329

Ion Ratio Lower Upper

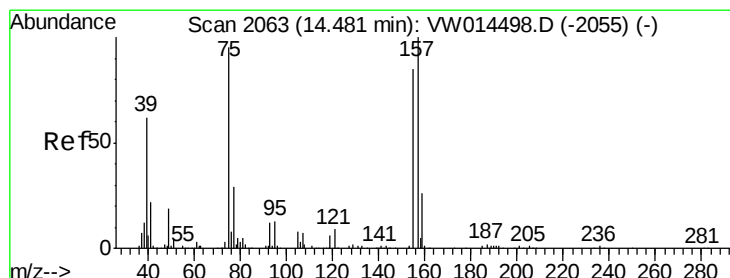
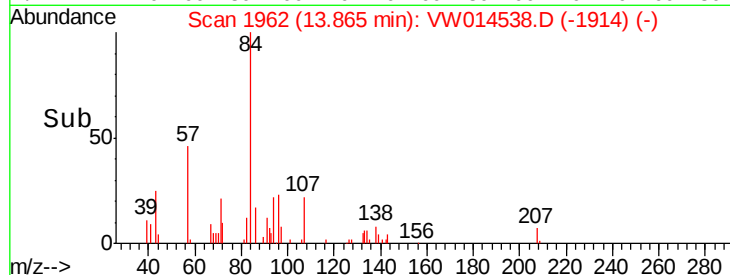
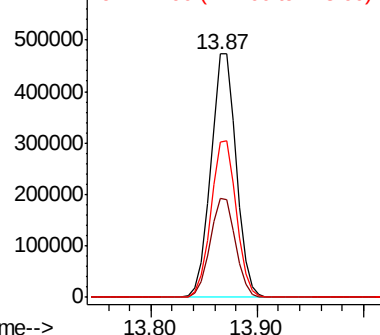
146 100

111 40.7 20.4 61.3

148 64.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.188 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 21:36

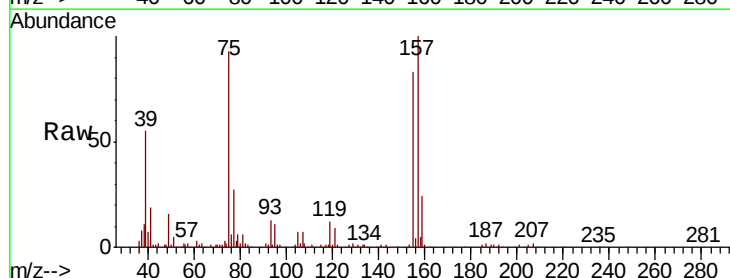
Tgt Ion: 75 Resp: 55605

Ion Ratio Lower Upper

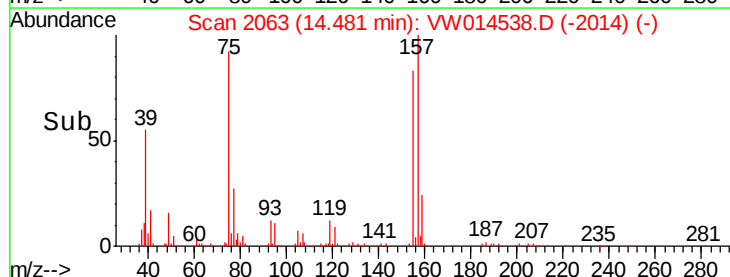
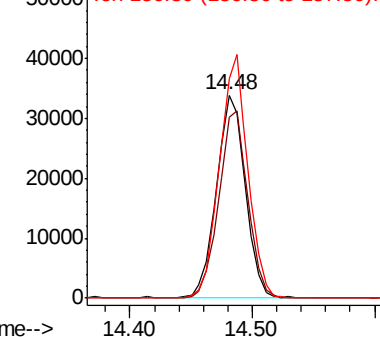
75 100

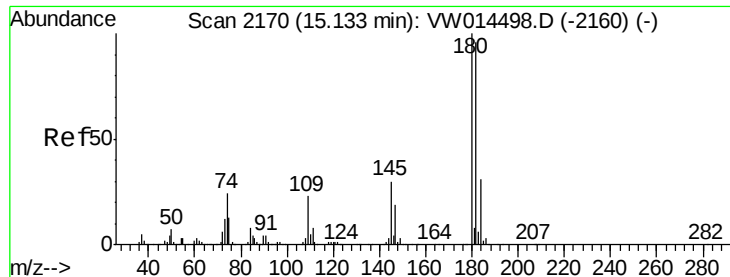
155 92.3 45.8 137.4

157 117.6 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

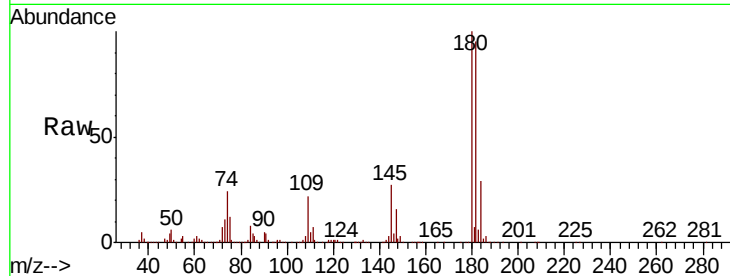




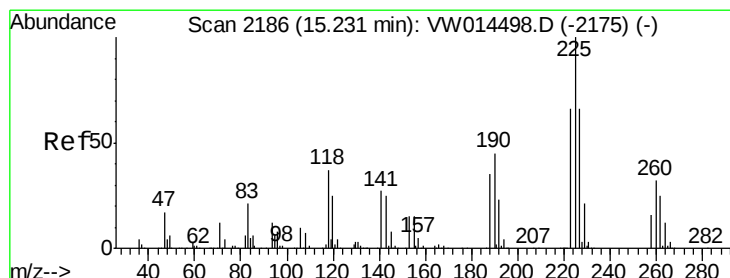
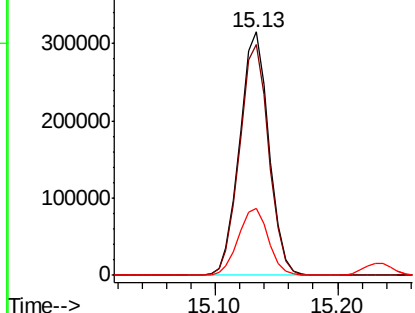
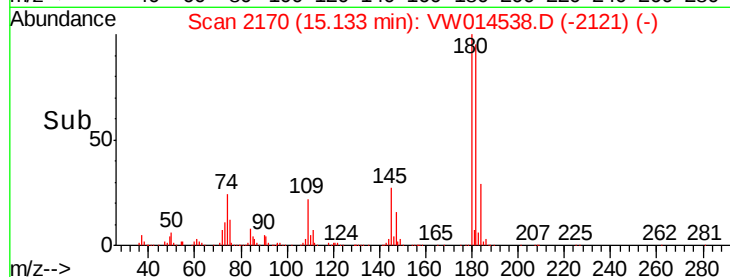
#93
 1,2,4-Trichlorobenzene
 Concen: 48.209 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.8
145	28.3	14.7	44.1

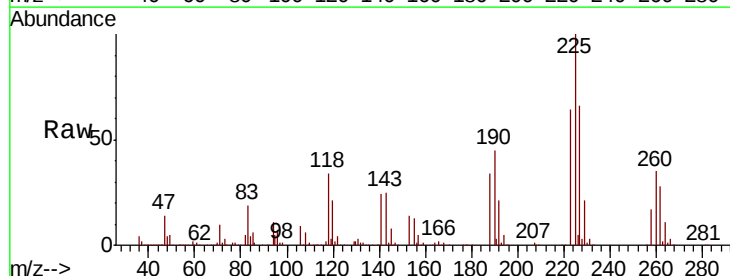


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

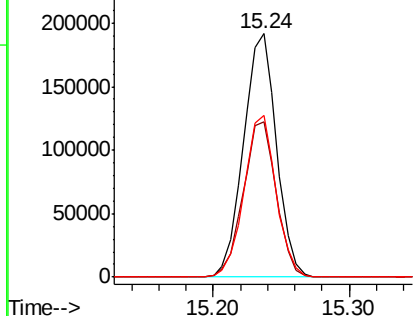
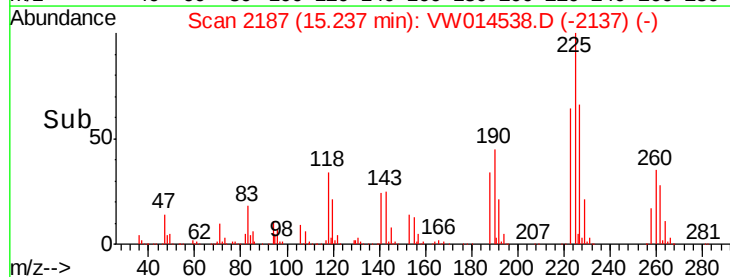


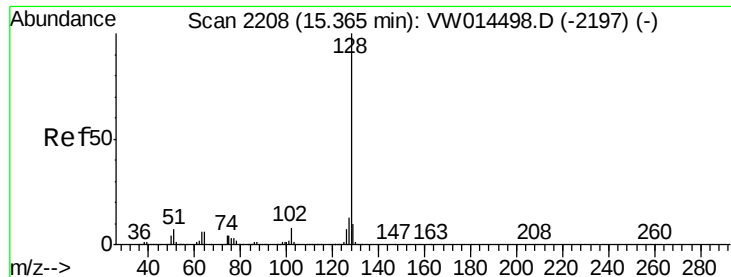
#94
 Hexachlorobutadiene
 Concen: 44.725 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 21:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.4	97.2
227	64.4	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

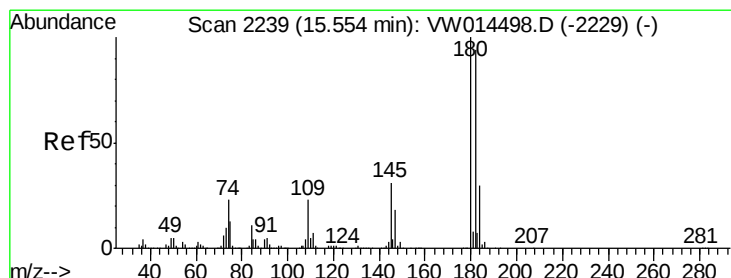
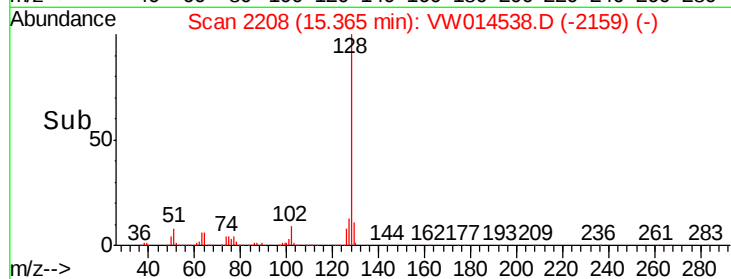
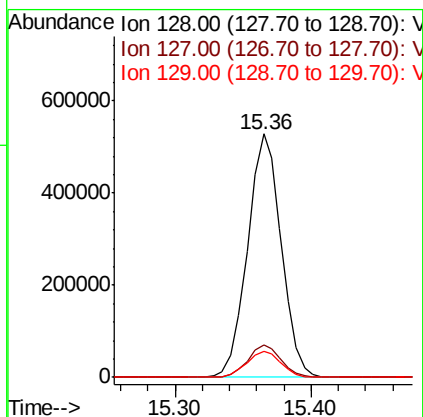
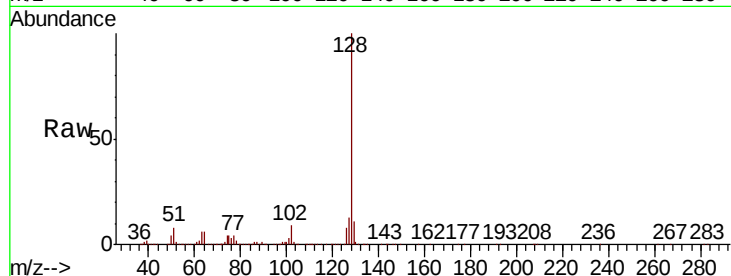




#95
Naphthalene
Concen: 49.602 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 915476
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.738 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 21:36

Tgt Ion:180 Resp: 450318
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 29.8 15.5 46.5

