

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016459.D
 Acq On : 04 Sep 2020 12:08
 Operator : SY/VA
 Sample : MDL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 04:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 05 04:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	753144	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	673222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	308480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	191260	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
7) Chloroethane-d5	2.90	69	183683	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.40%
10) 1,1-Dichloroethene-d2	4.03	63	309492	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	7.08	46	121366	42.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.06%
24) Chloroform-d	7.65	84	411885	23.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	8.31	65	226459	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.92%
29) Benzene-d6	8.28	84	826970	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	9.28	67	238604	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.33	98	816250	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.36%
38) trans-1,3-Dichloropropene-	10.59	79	118439	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	10.93	63	99433	48.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	207447	24.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	281744	26.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	5694	0.676	ug/L	96
3) Chloromethane	2.22	50	4915	0.664	ug/L	88
5) Vinyl chloride	2.37	62	7756	0.823	ug/L #	40
6) Bromomethane	2.79	94	6117	0.869	ug/L	95
8) Chloroethane	2.93	64	4228	0.729	ug/L	94
9) Trichlorofluoromethane	3.26	101	4800	0.622	ug/L	92
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	6710	0.735	ug/L #	33
14) Carbon disulfide	4.39	76	19010	0.670	ug/L #	93
16) Methylene chloride	4.92	84	27796	2.365	ug/L	97
18) trans-1,2-Dichloroethene	5.44	96	7065	0.717	ug/L	92
19) 1,1-Dichloroethane	6.23	63	10696	0.637	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	6958	0.678	ug/L	77
23) Bromochloromethane	7.52	128	3351	0.704	ug/L	95
27) 1,2-Dichloroethane	8.41	62	8221	0.711	ug/L	95
30) Cyclohexane	7.96	56	11014	0.685	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	10699	0.734	ug/L	98
32) Carbon tetrachloride	8.07	117	9838	0.706	ug/L	99

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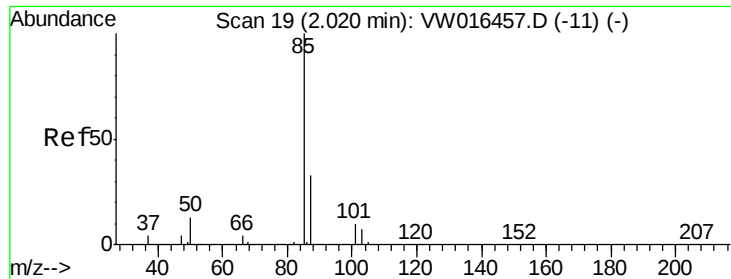
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 04:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 05 04:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

34) Benzene	8.33	78	26647	0.724	ug/L	100
35) Trichloroethene	9.10	95	7068	0.693	ug/L	93
36) Methylcyclohexane	9.34	83	12490	0.700	ug/L	95
40) 1,2-Dichloropropane	9.37	63	6280	0.690	ug/L #	94
41) Bromodichloromethane	9.65	83	8910	0.700	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	9930	0.643	ug/L	98
44) Toluene	10.39	91	29560	0.718	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	14730	1.067	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	5366	0.744	ug/L	97
47) Tetrachloroethene	10.87	164	6155	0.753	ug/L	94
50) Dibromochloromethane	11.13	129	6010	0.659	ug/L	87
51) 1,2-Dibromoethane	11.24	107	4945	0.686	ug/L	91
52) Chlorobenzene	11.66	112	18606	0.712	ug/L	94
53) Ethylbenzene	11.73	91	32103	0.692	ug/L	98
54) m,p-Xylene	11.85	106	13203	0.745	ug/L	76
55) o-xylene	12.17	106	11878	0.703	ug/L	98
56) Styrene	12.18	104	19233	0.663	ug/L	95
57) Isopropylbenzene	12.47	105	34004	0.735	ug/L #	86
58) 1,1,2,2-Tetrachloroethane	12.72	83	7348	0.855	ug/L #	92
59) 1,2,3-Trichloropropane	13.56	75	43452	6.761	ug/L	98
62) Bromoform	12.35	173	3459	0.668	ug/L #	95
63) 1,3-Dichlorobenzene	13.51	146	14569	0.750	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	14951	0.776	ug/L	91
65) 1,2-Dichlorobenzene	13.87	146	12733	0.738	ug/L #	83
66) 1,2-Dibromo-3-chloropropan	14.62	75	2040	1.269	ug/L #	1
67) 1,3,5-Trichlorobenzene	14.63	180	9647	0.721	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	7855	0.678	ug/L	98
69) Naphthalene	15.37	128	16374	0.670	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	7104	0.715	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 0.676 ug/L

RT: 2.03 min Scan# 20

Delta R.T. 0.01 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

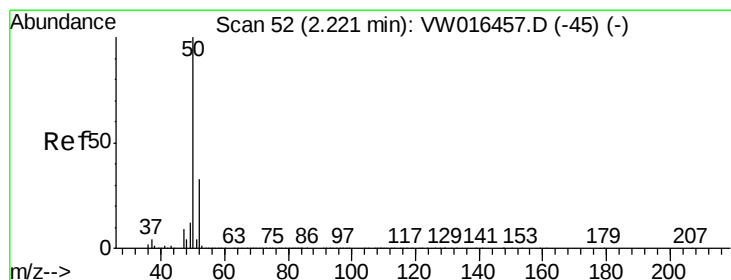
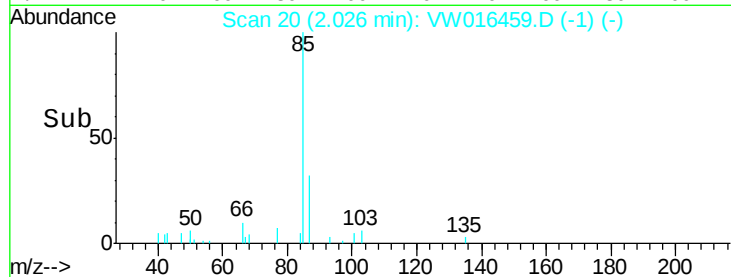
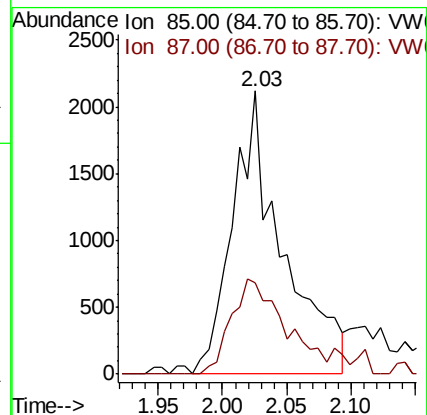
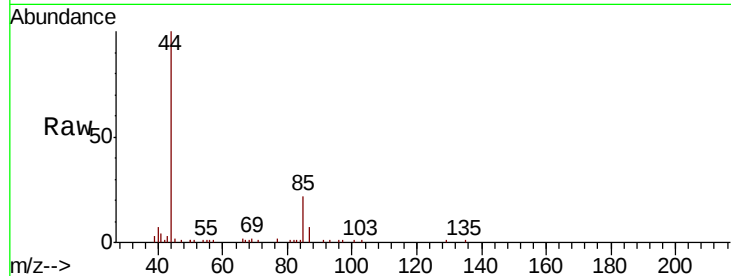
ClientSampleId :

Tot Ion: 85 Resp: 5694

Ion Ratio Lower Upper

85 100

87 29.6 22.3 41.5



#3

Chloromethane

Concen: 0.664 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW016459.D

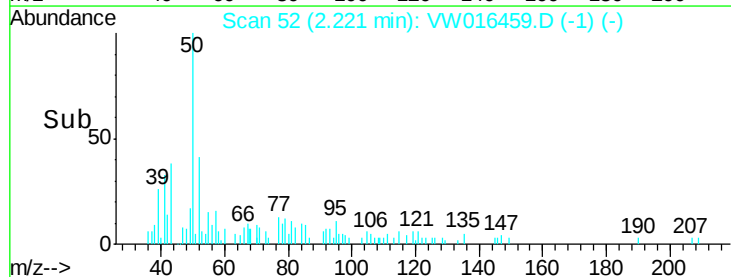
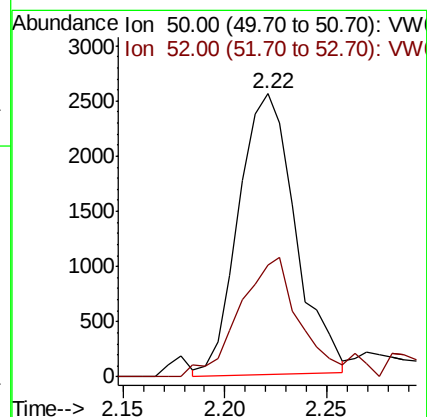
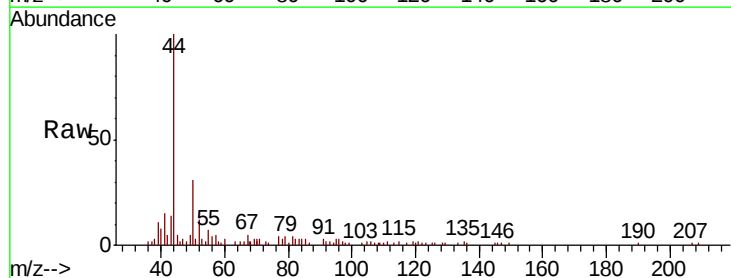
Acq: 04 Sep 2020 12:08

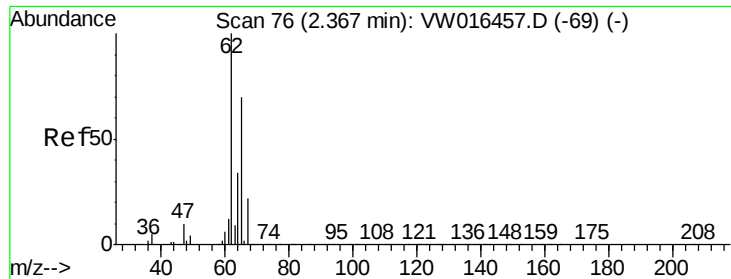
Tgt Ion: 50 Resp: 4915

Ion Ratio Lower Upper

50 100

52 39.4 23.0 42.6





#5

Vinyl chloride

Concen: 0.823 ug/L

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

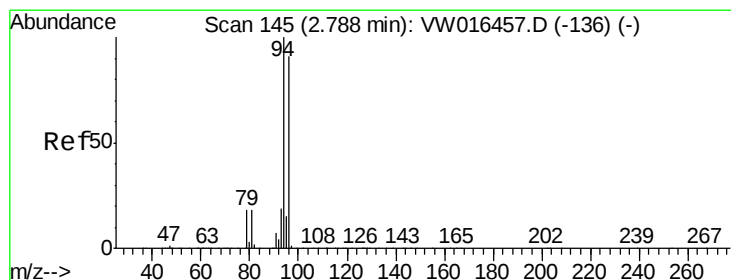
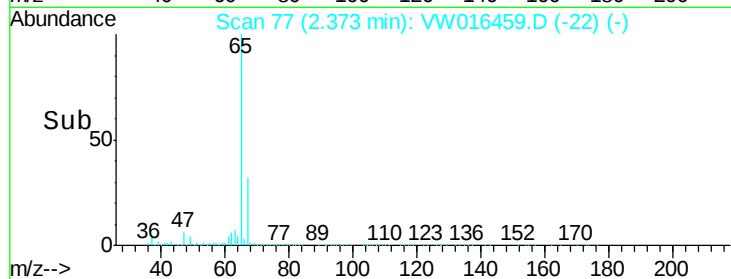
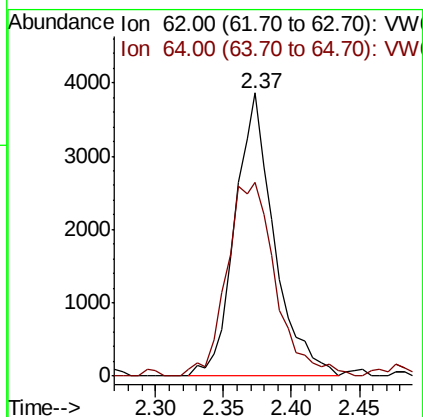
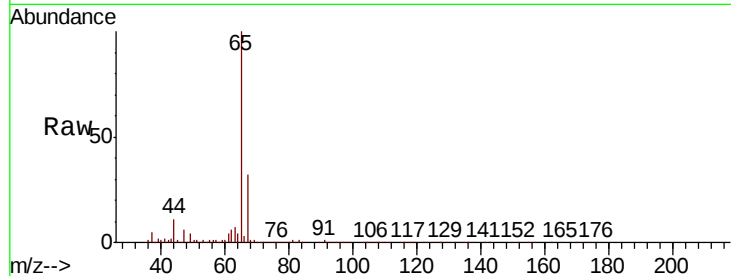
ClientSampleId :

Tot Ion: 62 Resp: 7756

Ion Ratio Lower Upper

62 100

64 68.4 23.9 44.5#



#6

Bromomethane

Concen: 0.869 ug/L

RT: 2.79 min Scan# 146

Delta R.T. 0.01 min

Lab File: VW016459.D

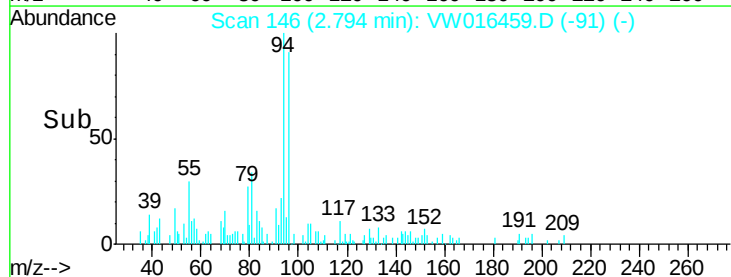
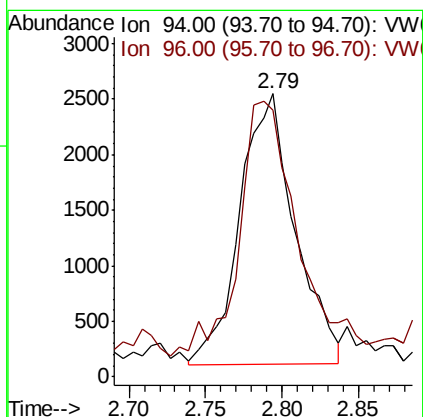
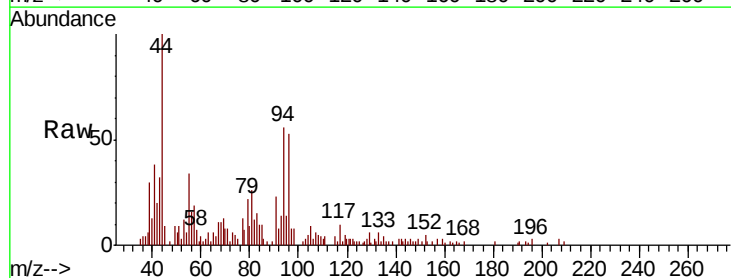
Acq: 04 Sep 2020 12:08

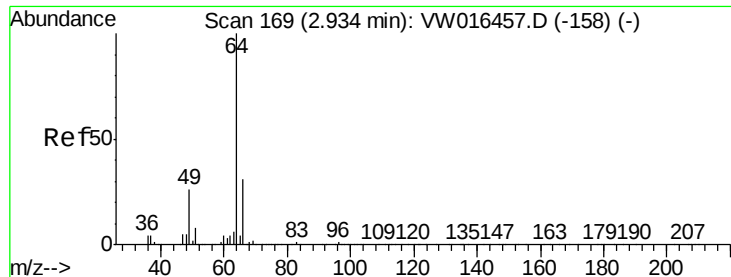
Tgt Ion: 94 Resp: 6117

Ion Ratio Lower Upper

94 100

96 89.2 9.4 178.2





#8

Chloroethane

Concen: 0.729 ug/L

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

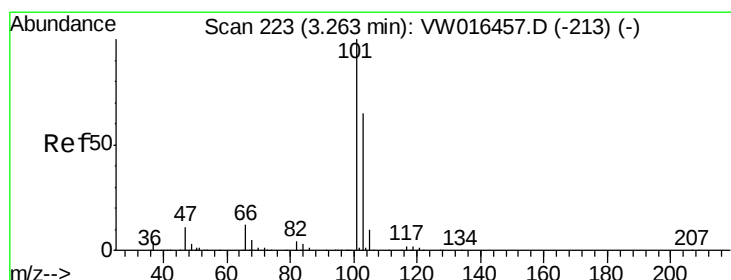
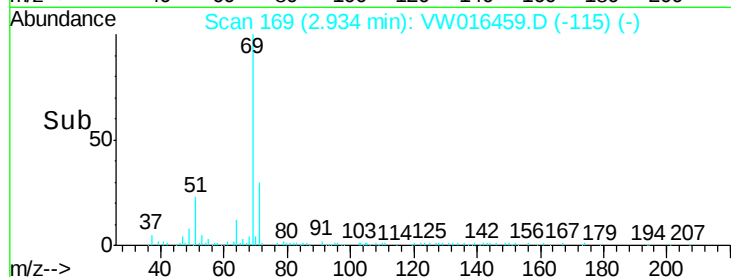
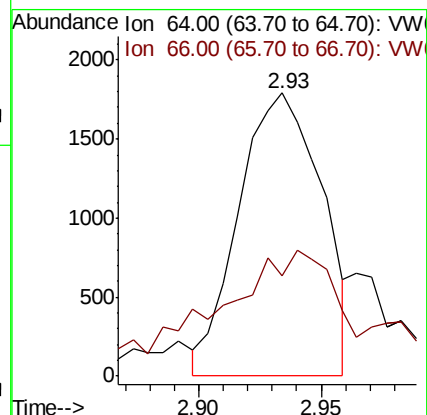
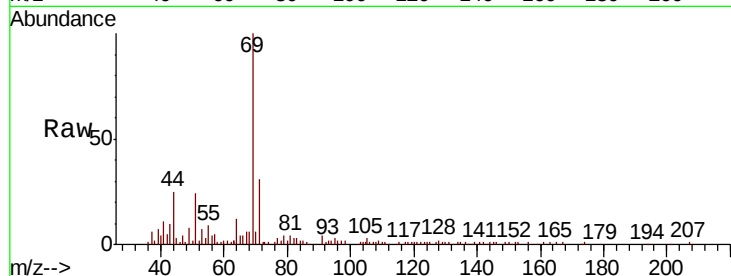
ClientSampled :

Tot Ion: 64 Resp: 4228

Ion Ratio Lower Upper

64 100

66 35.4 22.4 41.6



#9

Trichlorofluoromethane

Concen: 0.622 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW016459.D

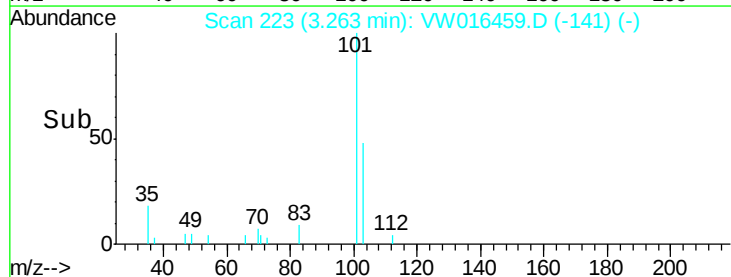
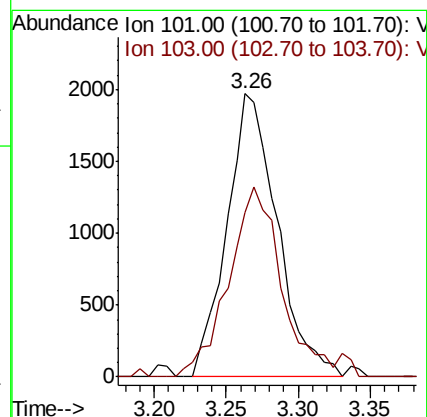
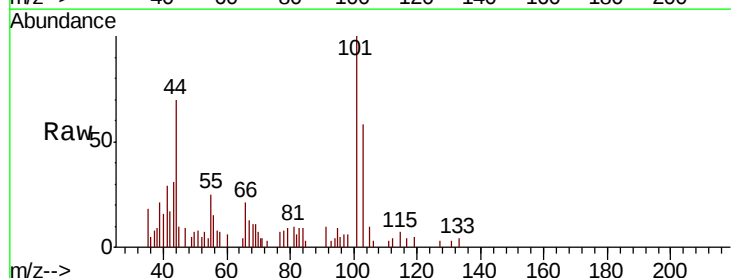
Acq: 04 Sep 2020 12:08

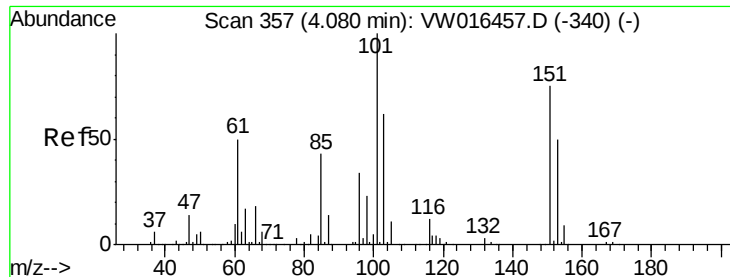
Tgt Ion: 101 Resp: 4800

Ion Ratio Lower Upper

101 100

103 70.3 45.1 83.7





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.735 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.02 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

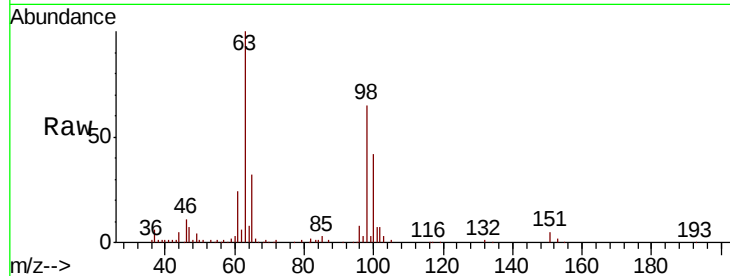
Tot Ion:101 Resp: 6710

Ion Ratio Lower Upper

101 100

85 25.5 33.4 50.0#

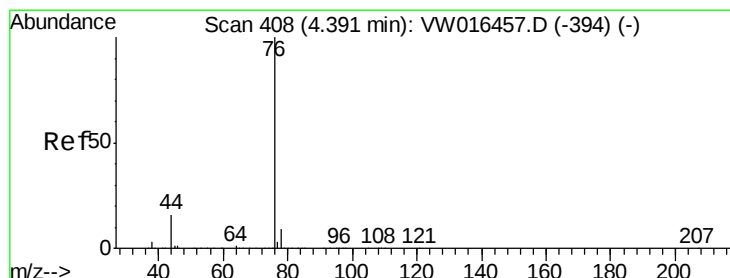
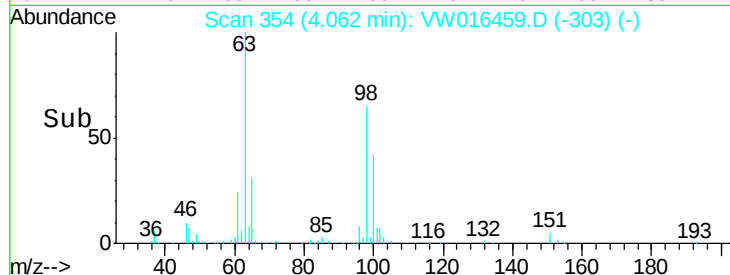
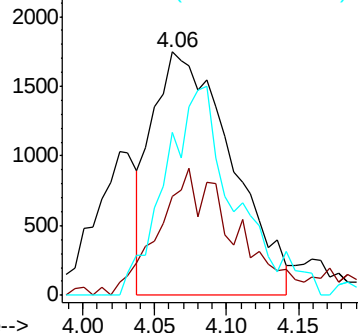
151 0.0 61.6 92.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#14

Carbon disulfide

Concen: 0.670 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016459.D

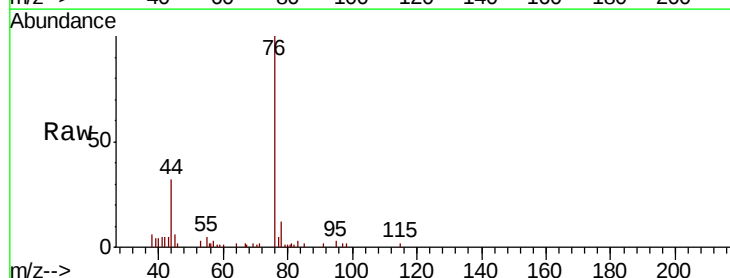
Acq: 04 Sep 2020 12:08

Tgt Ion: 76 Resp: 19010

Ion Ratio Lower Upper

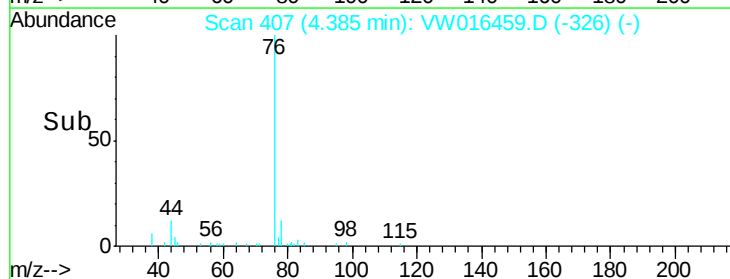
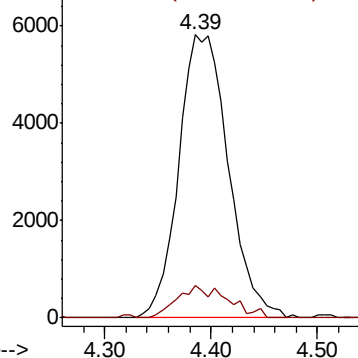
76 100

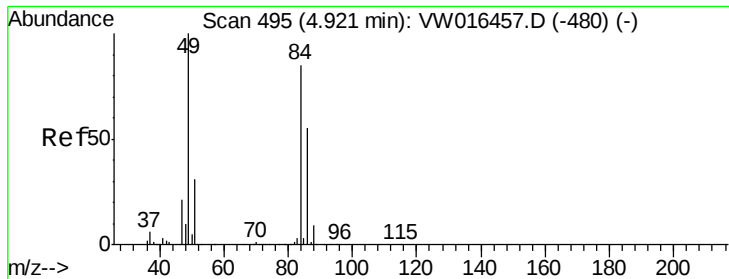
78 11.6 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

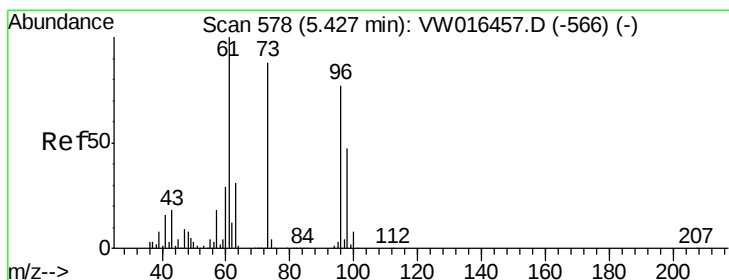
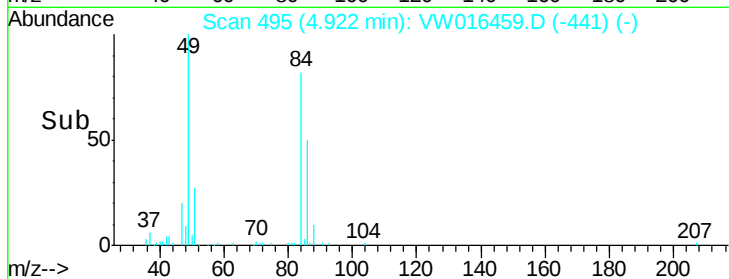
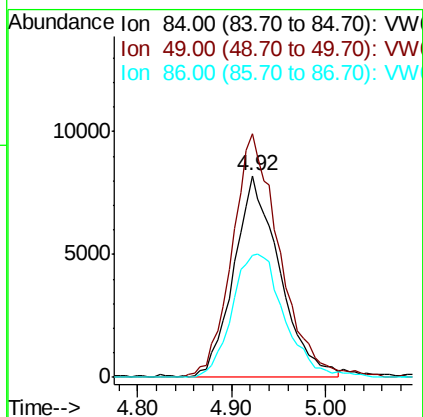
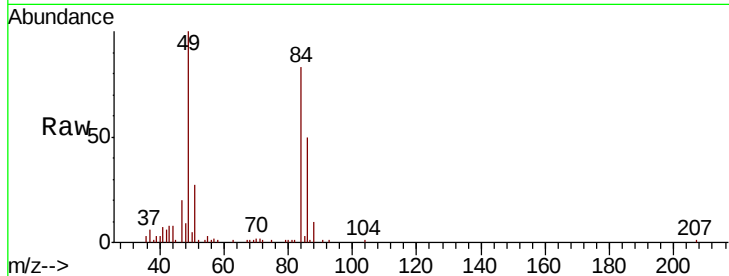




#16
Methvlene chloride
Concen: 2.365 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

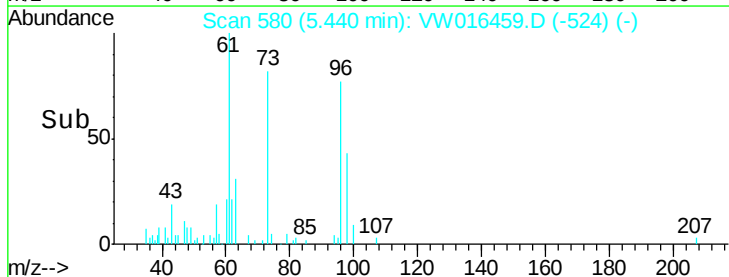
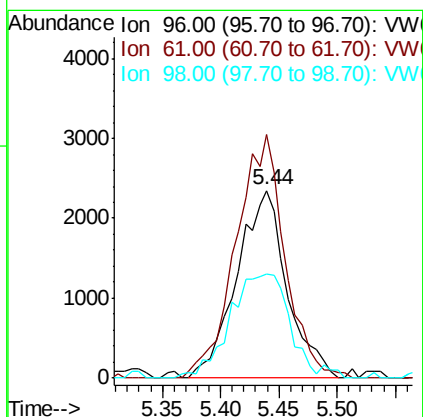
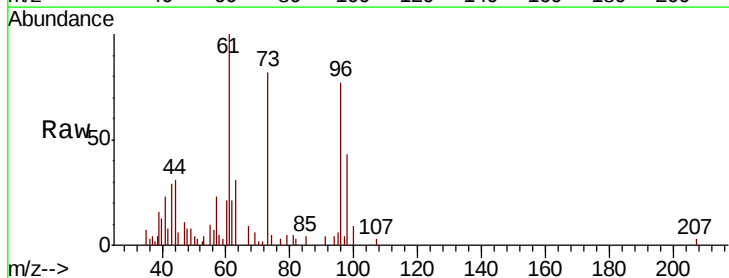
Instrument :
MSVOA_W
ClientSampled :

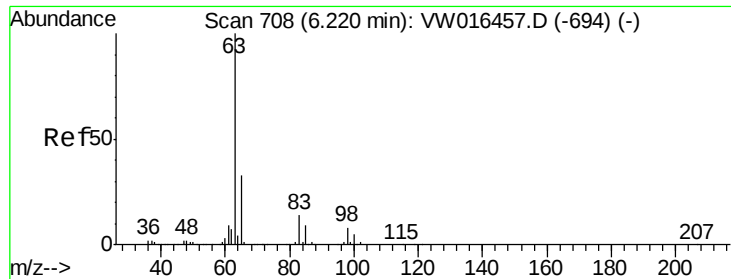
Tot Ion: 84 Resp: 27796
Ion Ratio Lower Upper
84 100
49 120.6 86.7 160.9
86 60.5 44.9 83.5



#18
trans-1,2-Dichloroethene
Concen: 0.717 ug/L
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

Tgt Ion: 96 Resp: 7065
Ion Ratio Lower Upper
96 100
61 129.5 96.4 179.0
98 55.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.637 ug/L

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

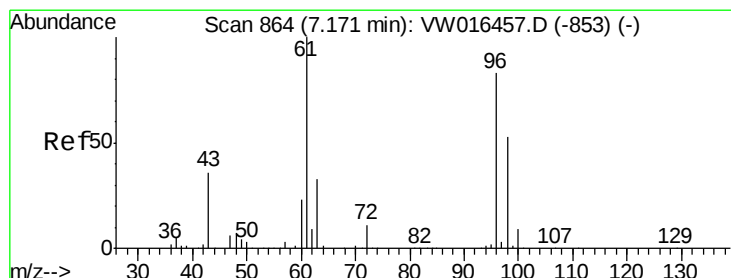
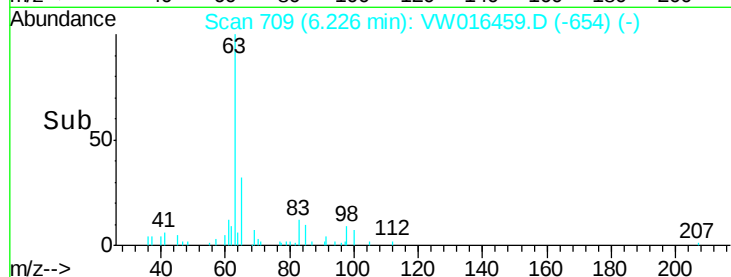
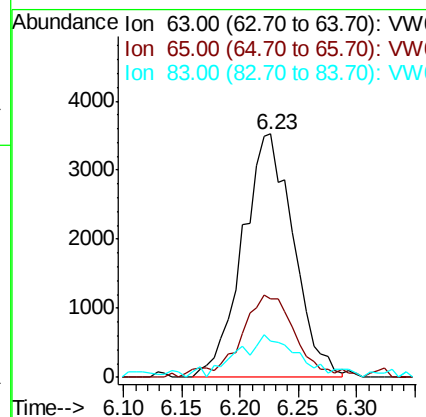
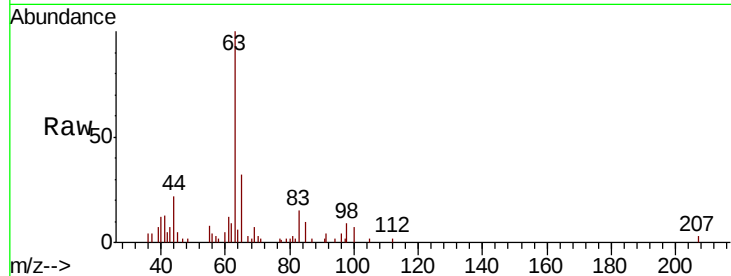
Tot Ion: 63 Resp: 10696

Ion Ratio Lower Upper

63 100

65 32.3 23.3 43.3

83 14.7 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 0.678 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

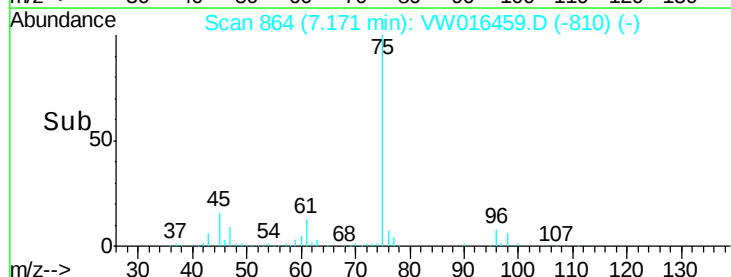
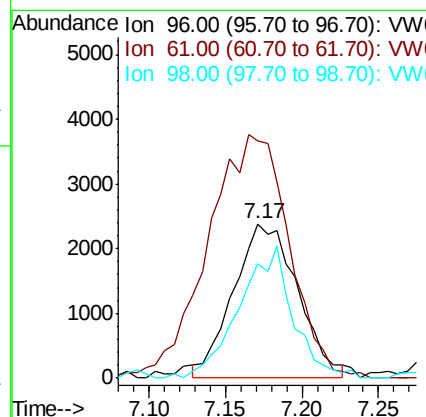
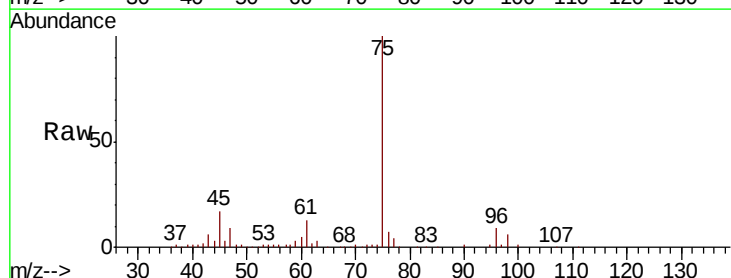
Tgt Ion: 96 Resp: 6958

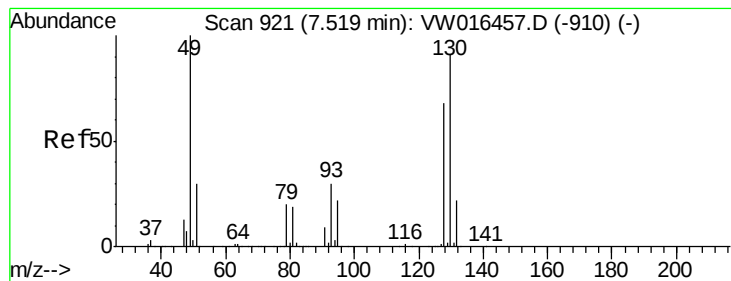
Ion Ratio Lower Upper

96 100

61 153.9 86.1 159.9

98 74.0 44.1 81.9





#23

Bromochloromethane

Concen: 0.704 ug/L

RT: 7.52 min Scan# 921

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 3351

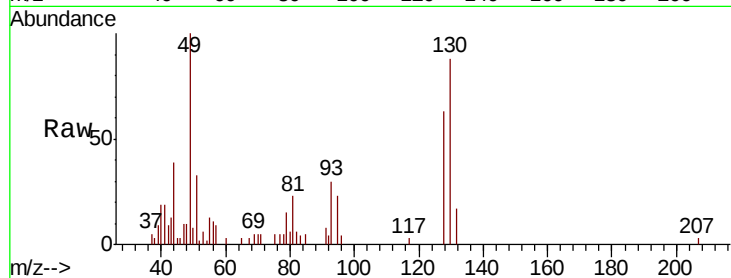
Ion Ratio Lower Upper

128 100

49 159.6 111.6 207.4

130 141.1 90.9 168.7

51 53.3 38.5 57.7

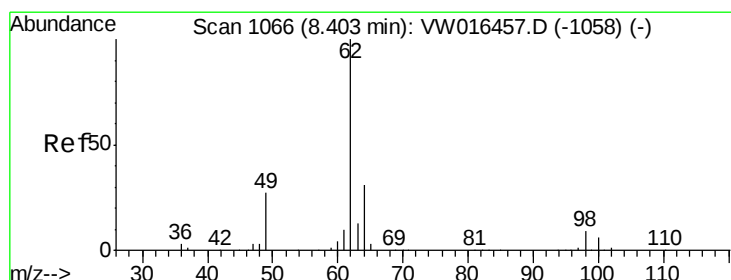
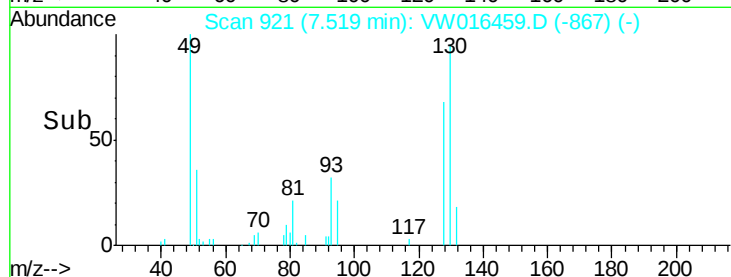
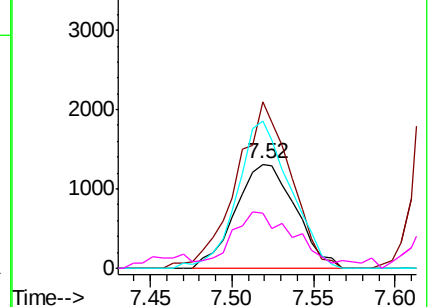


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#27

1,2-Dichloroethane

Concen: 0.711 ug/L

RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW016459.D

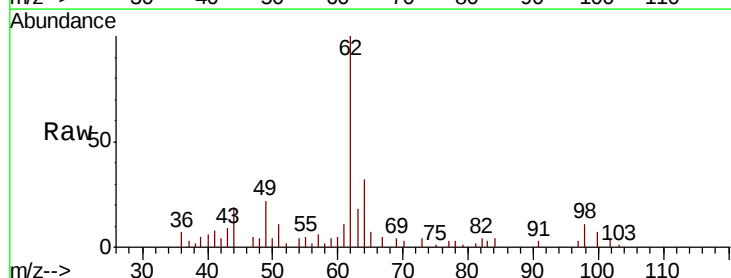
Acq: 04 Sep 2020 12:08

Tgt Ion: 62 Resp: 8221

Ion Ratio Lower Upper

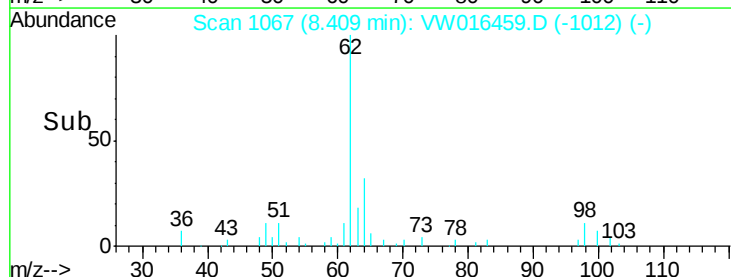
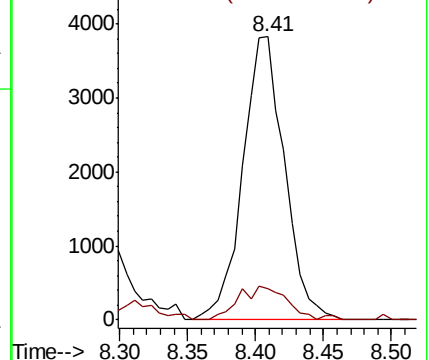
62 100

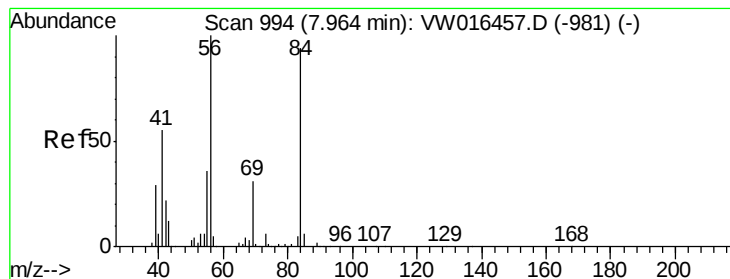
98 10.9 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#30

Cvclohexane

Concen: 0.685 ug/L

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

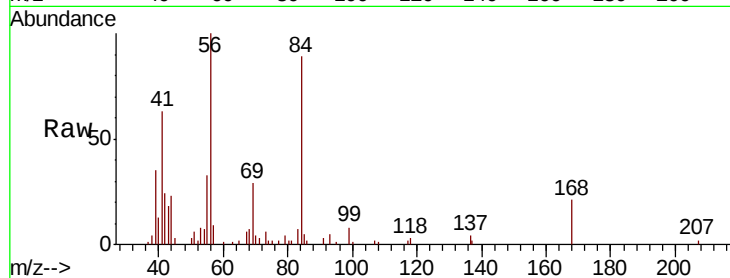
Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 11014

Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.3	37.9
84	94.3	71.6	107.4

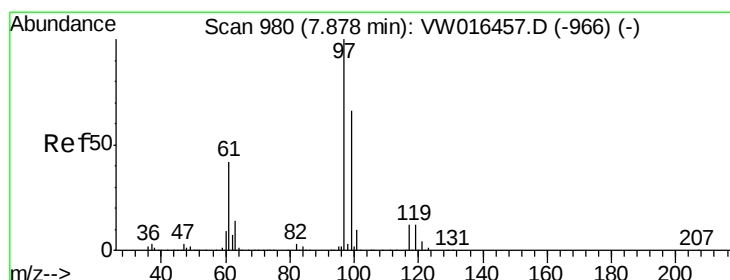
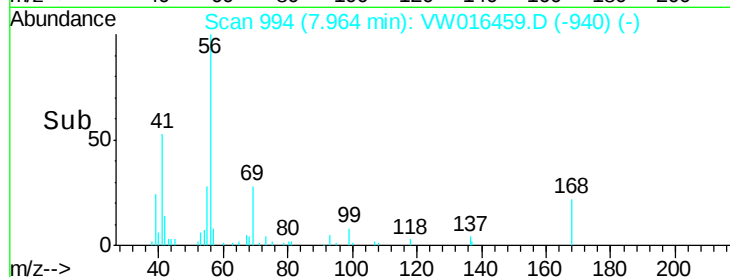
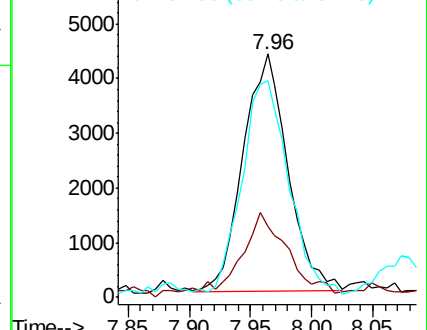


Abundance

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



#31

1,1,1-Trichloroethane

Concen: 0.734 ug/L

RT: 7.88 min Scan# 980

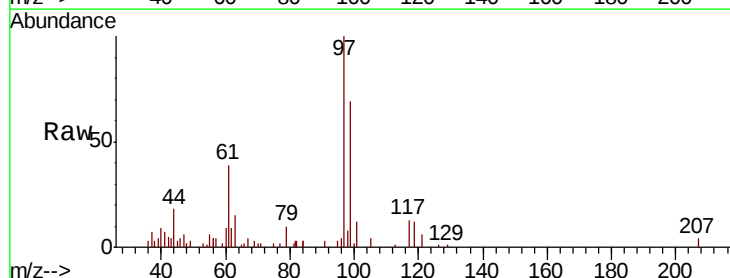
Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Tgt Ion: 97 Resp: 10699

Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.2	78.2
61	43.4	36.3	54.5

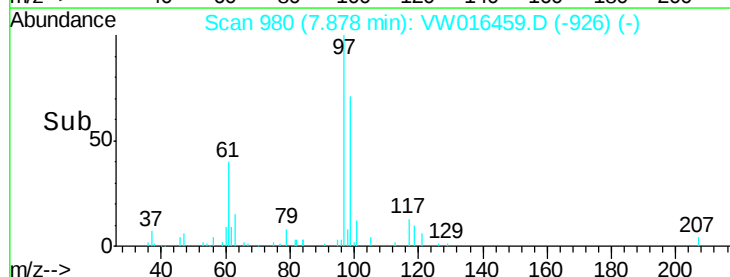
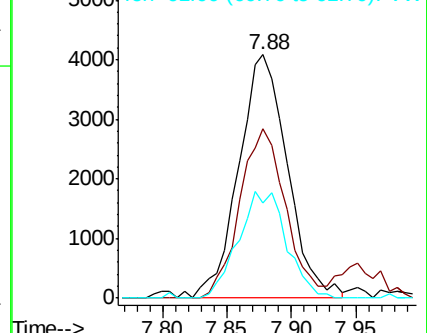


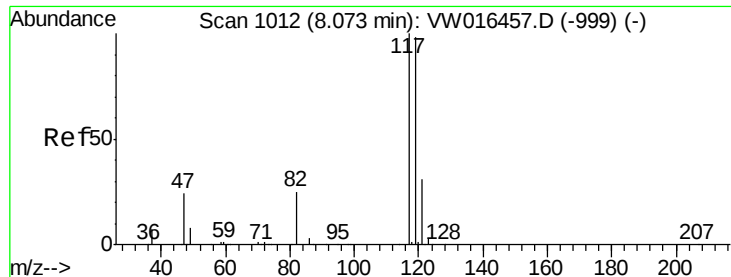
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 0.706 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

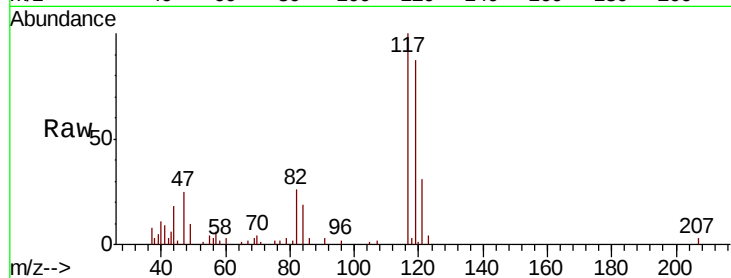
ClientSampleId :

Tot Ion:117 Resp: 9838

Ion Ratio Lower Upper

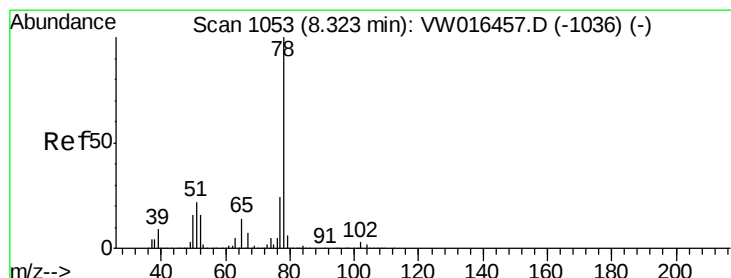
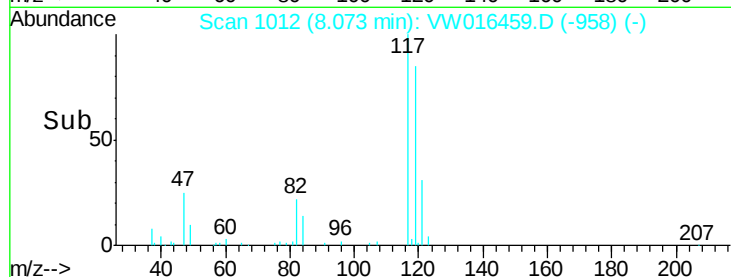
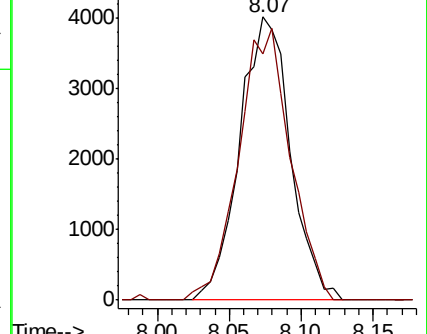
117 100

119 97.9 77.8 116.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 0.724 ug/L

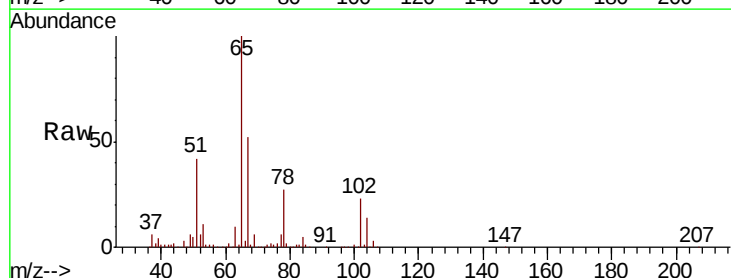
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

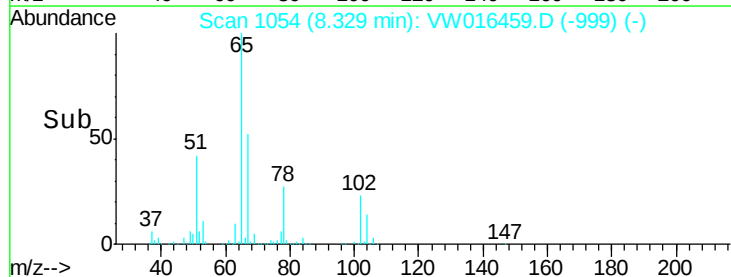
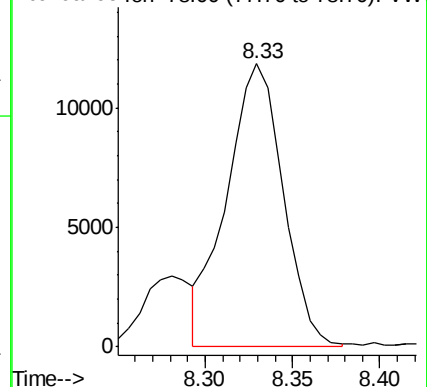
Lab File: VW016459.D

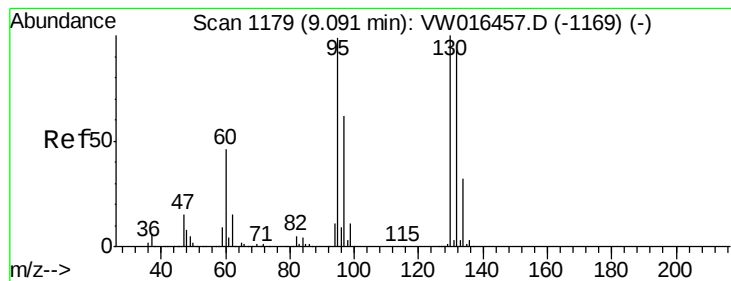
Acq: 04 Sep 2020 12:08

Tgt Ion: 78 Resp: 26647



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 0.693 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7068

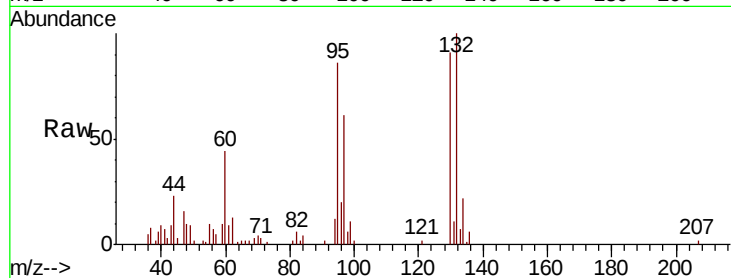
Ion Ratio Lower Upper

95 100

97 69.0 44.9 83.5

132 108.7 69.2 128.4

130 107.0 72.0 133.6

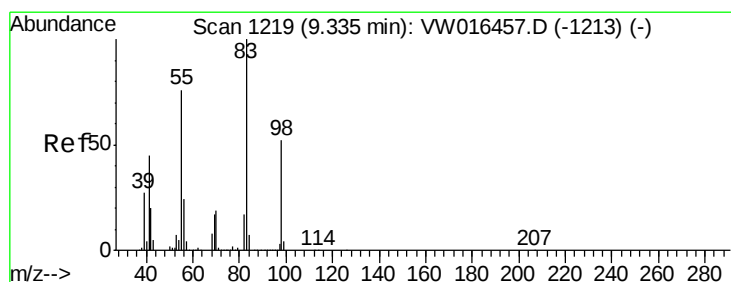
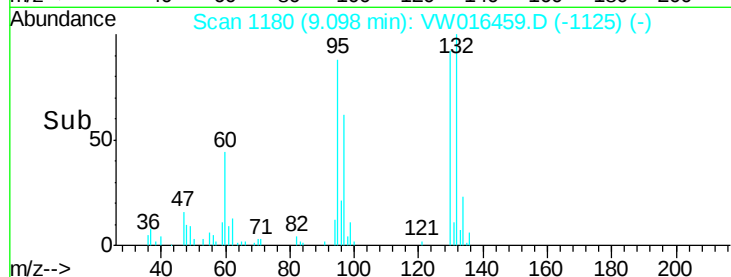
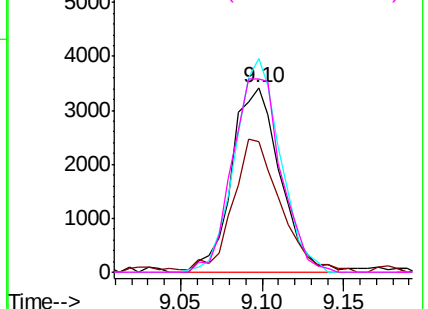


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 0.700 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

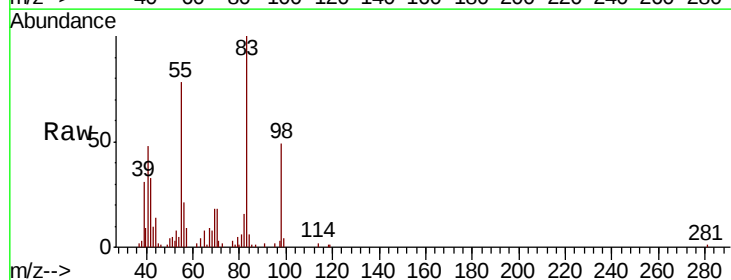
Tgt Ion: 83 Resp: 12490

Ion Ratio Lower Upper

83 100

55 78.8 60.9 91.3

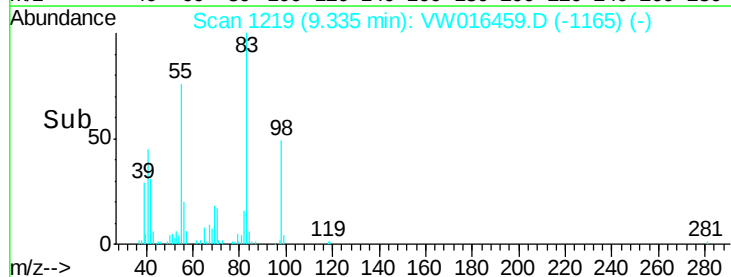
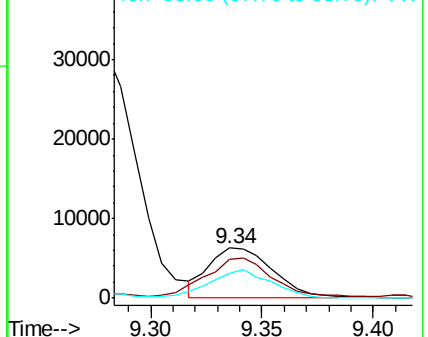
98 54.8 40.0 60.0

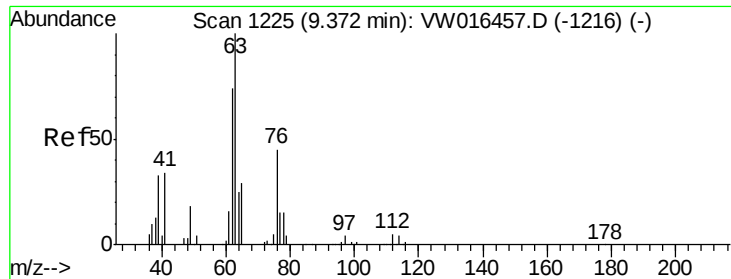


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

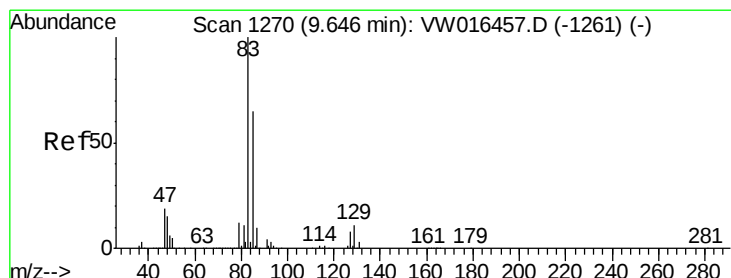
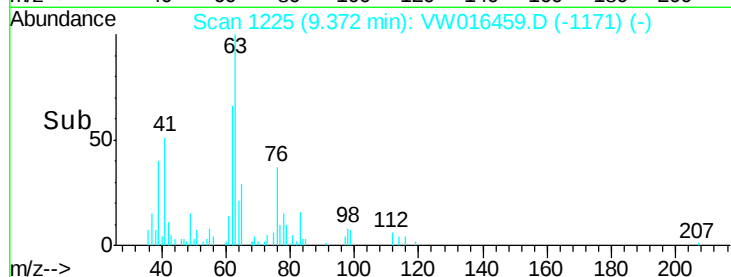
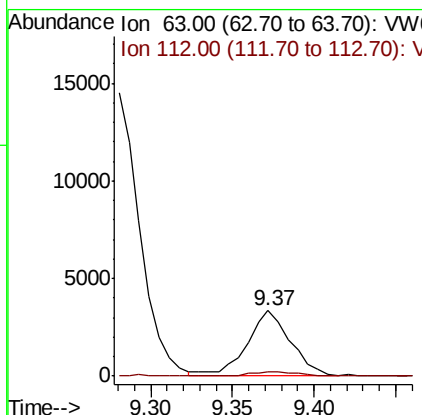
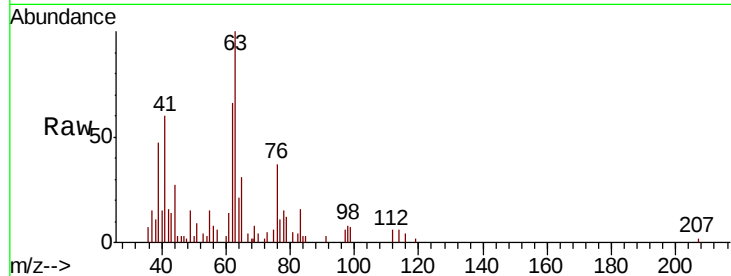




#40
 1,2-Dichloropropane
 Concen: 0.690 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016459.D
 Acq: 04 Sep 2020 12:08

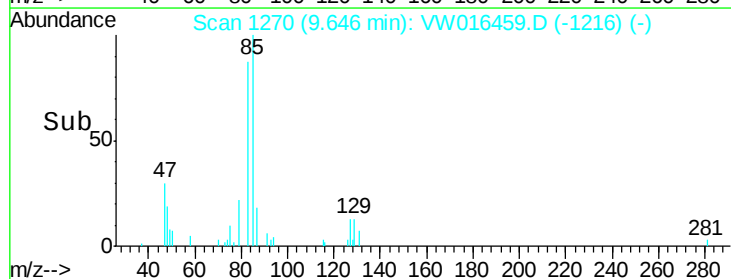
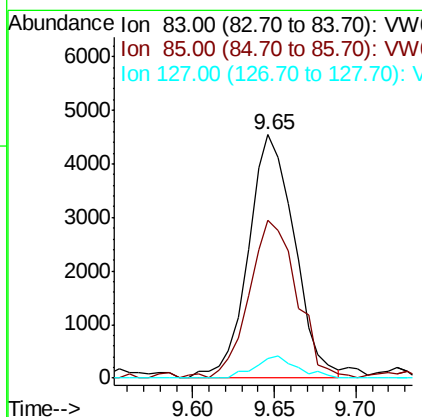
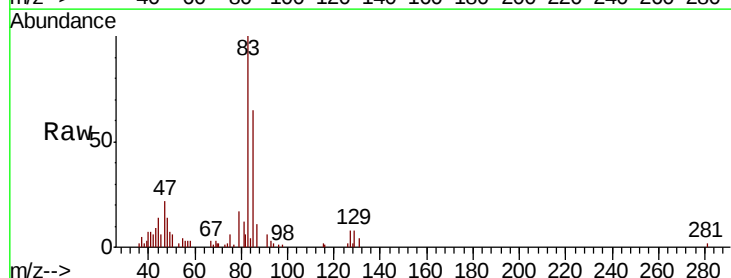
Instrument :
 MSVOA_W
 ClientSampled :

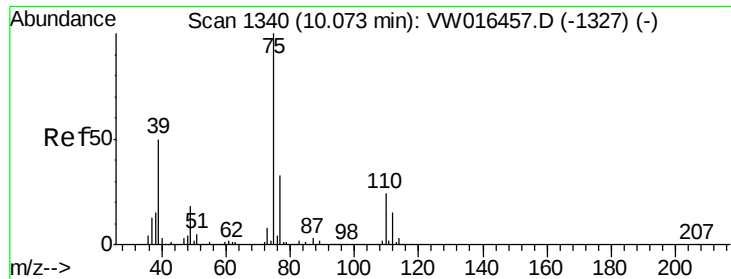
Tot Ion: 63 Resp: 6280
 Ion Ratio Lower Upper
 63 100
 112 6.9 3.8 5.8#



#41
 Bromodichloromethane
 Concen: 0.700 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016459.D
 Acq: 04 Sep 2020 12:08

Tgt Ion: 83 Resp: 8910
 Ion Ratio Lower Upper
 83 100
 85 65.0 43.5 80.7
 127 8.0 6.7 10.1

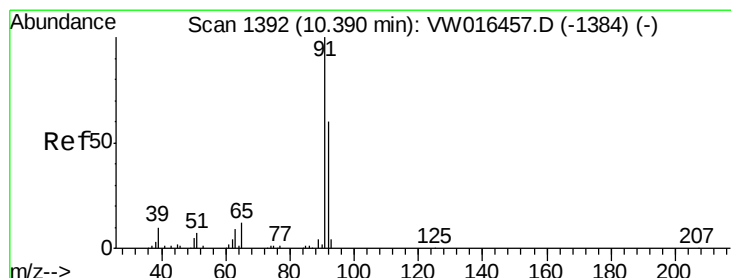
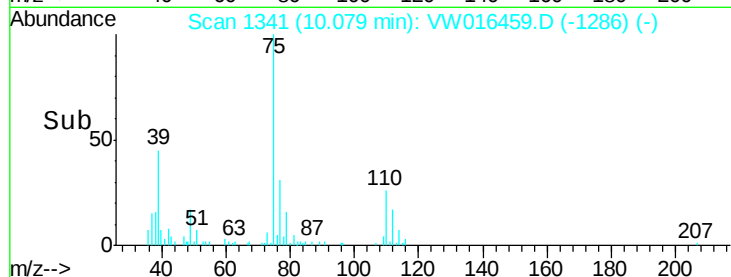
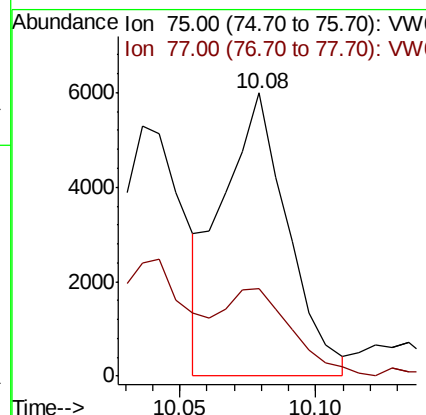
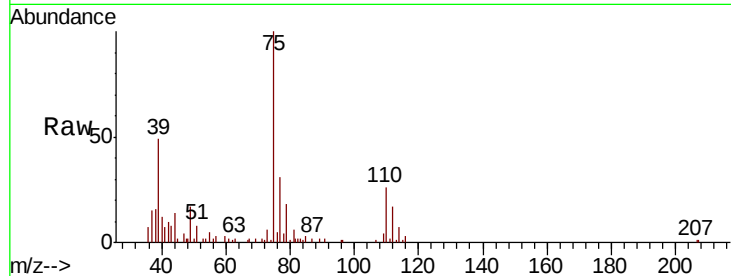




#42
 cis-1,3-Dichloropropene
 Concen: 0.643 ug/L
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW016459.D
 Acq: 04 Sep 2020 12:08

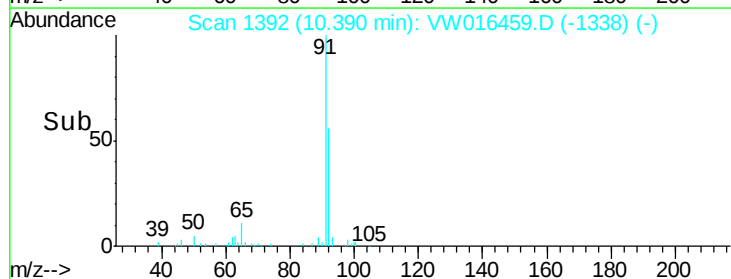
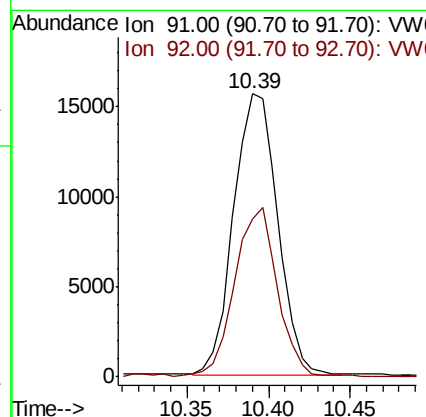
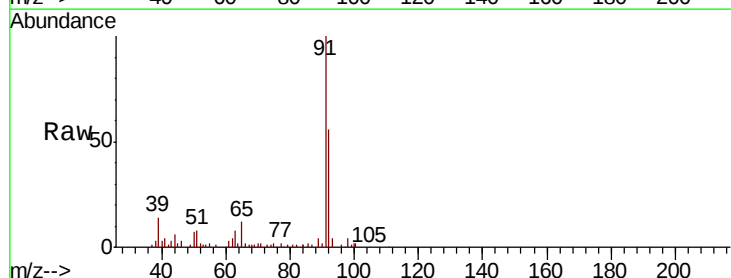
Instrument :
 MSVOA_W
 ClientSampled :

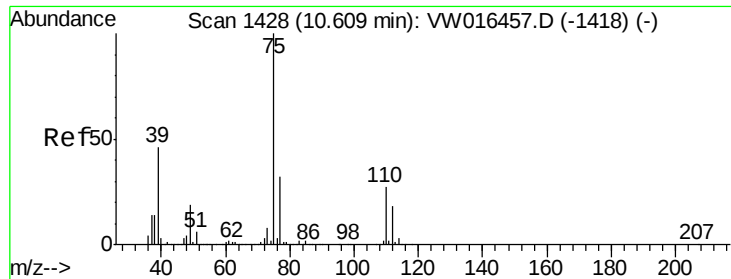
Tot Ion: 75 Resp: 9930
 Ion Ratio Lower Upper
 75 100
 77 30.9 20.9 38.7



#44
 Toluene
 Concen: 0.718 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW016459.D
 Acq: 04 Sep 2020 12:08

Tgt Ion: 91 Resp: 29560
 Ion Ratio Lower Upper
 91 100
 92 55.9 39.5 73.4





#45

trans-1,3-Dichloropropene

Concen: 1.067 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

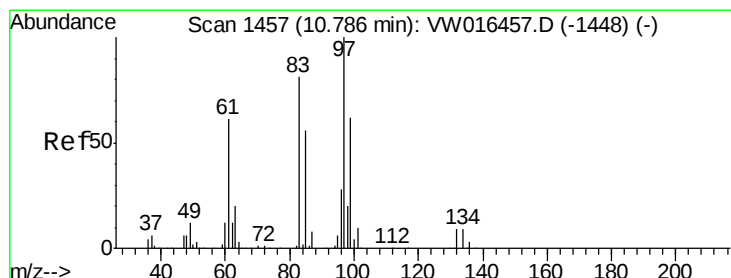
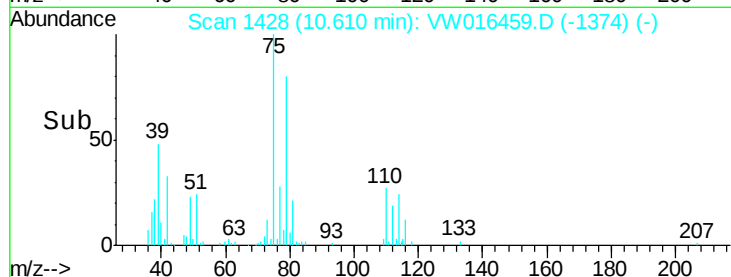
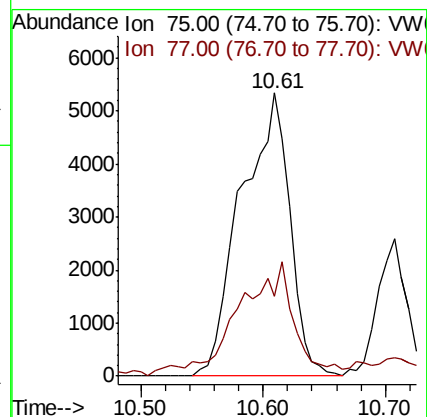
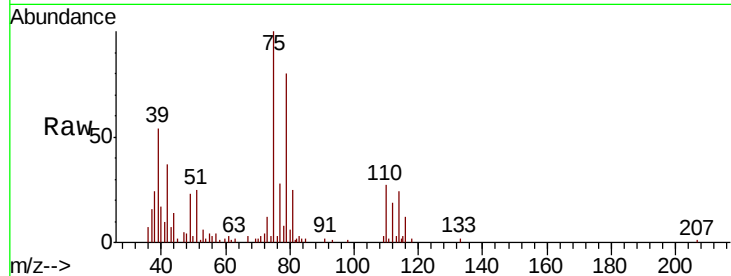
ClientSampled :

Tot Ion: 75 Resp: 14730

Ion Ratio Lower Upper

75 100

77 28.4 21.9 40.7



#46

1,1,2-Trichloroethane

Concen: 0.744 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Tgt Ion: 97 Resp: 5366

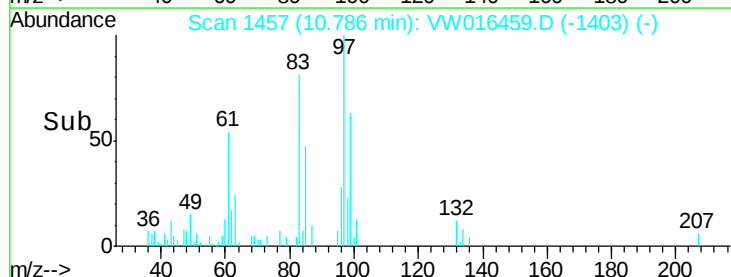
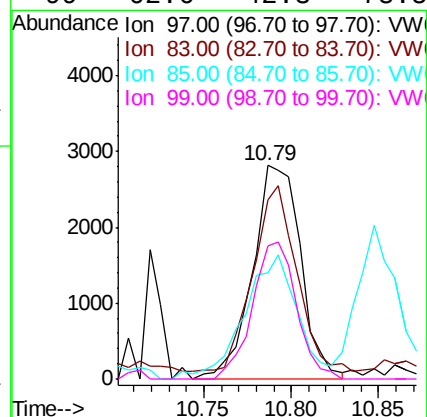
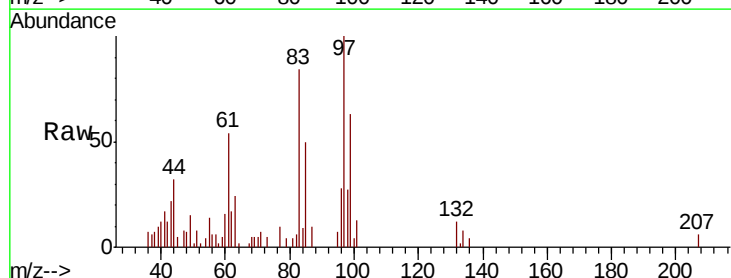
Ion Ratio Lower Upper

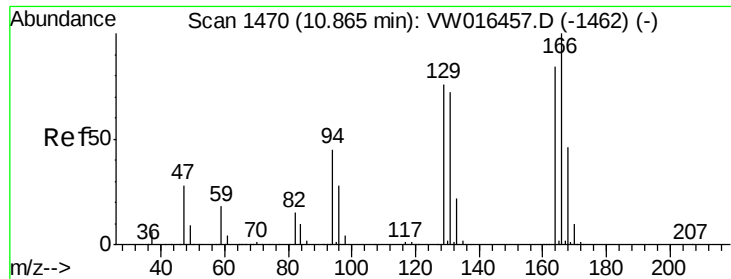
97 100

83 84.2 59.7 110.9

85 49.5 37.6 69.8

99 62.6 42.3 78.5

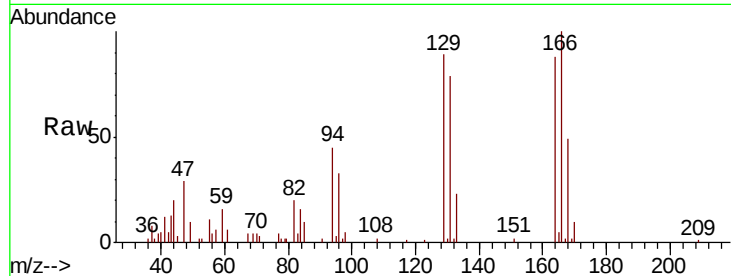




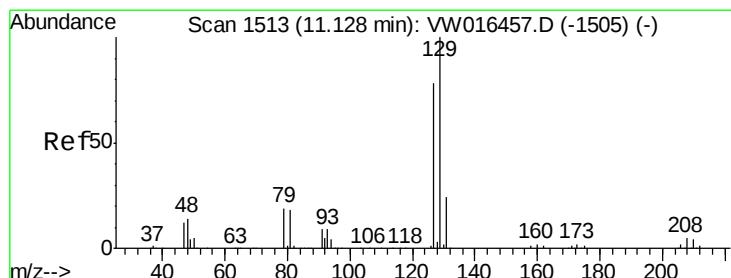
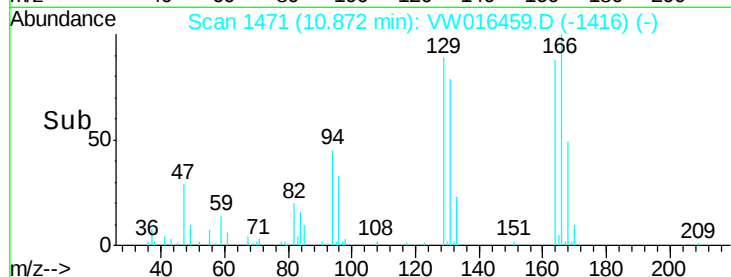
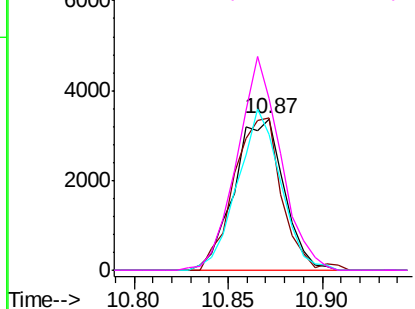
#47
Tetrachloroethene
Concen: 0.753 ug/L
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 6155
Ion Ratio Lower Upper
164 100
129 100.9 65.7 121.9
131 89.7 61.1 113.5
166 113.6 85.0 157.8

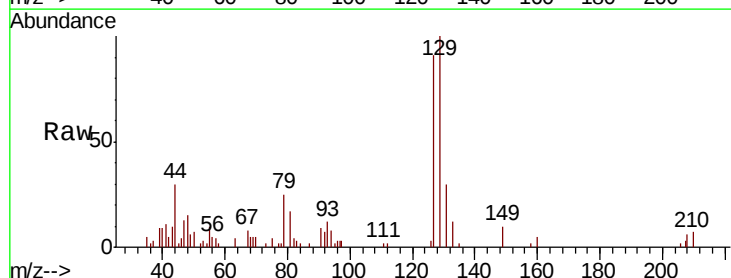


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

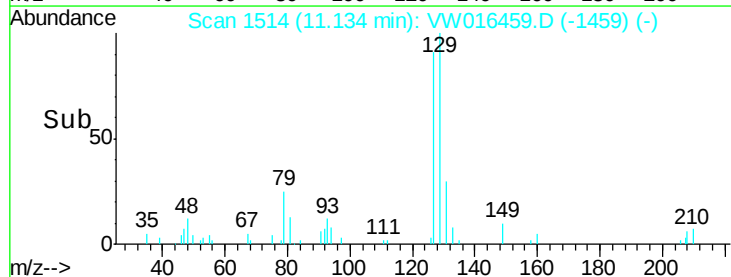
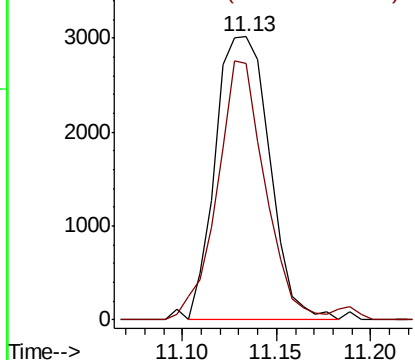


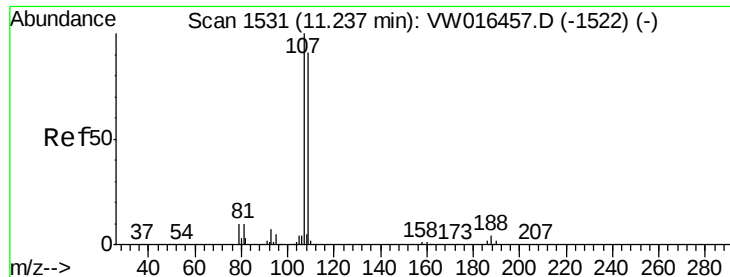
#50
Dibromochloromethane
Concen: 0.659 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

Tgt Ion:129 Resp: 6010
Ion Ratio Lower Upper
129 100
127 90.6 55.4 103.0



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

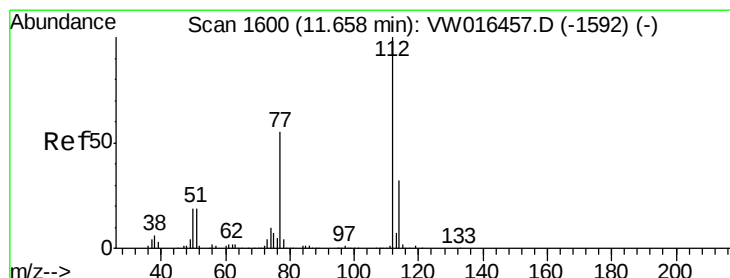
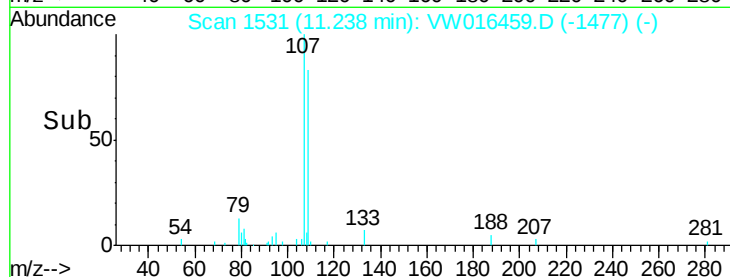
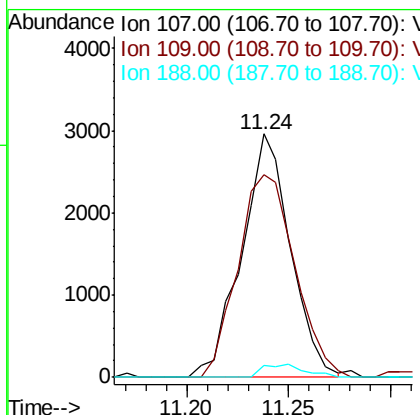
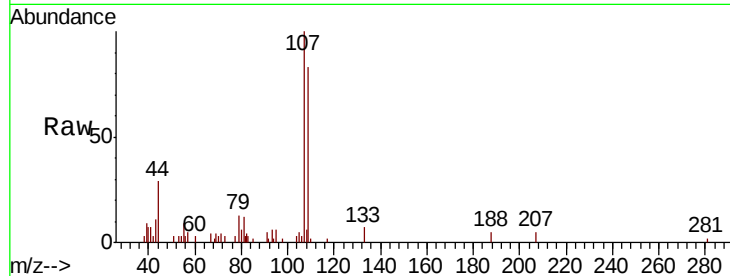




#51
1,2-Dibromoethane
Concen: 0.686 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

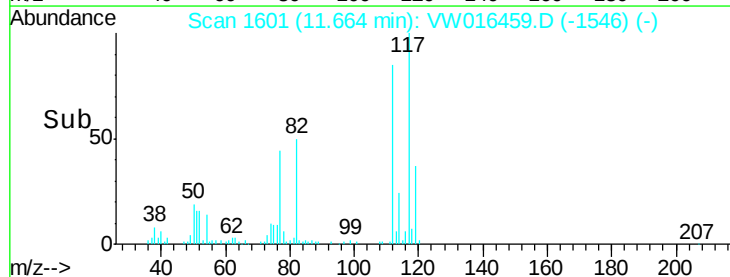
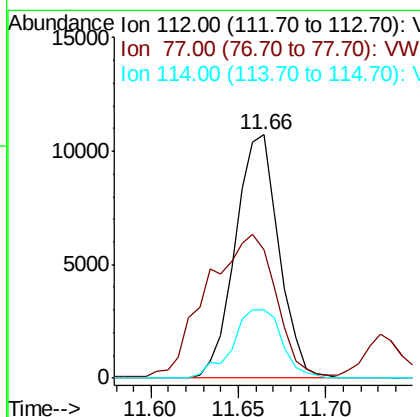
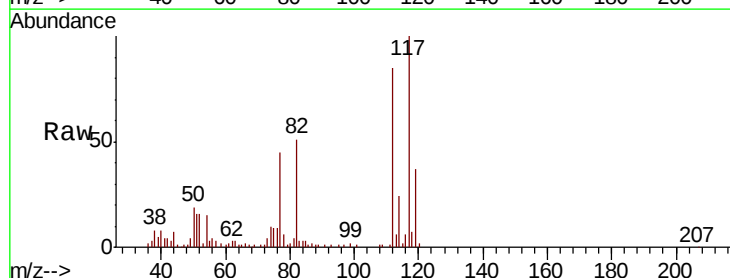
Instrument :
MSVOA_W
ClientSampleId :

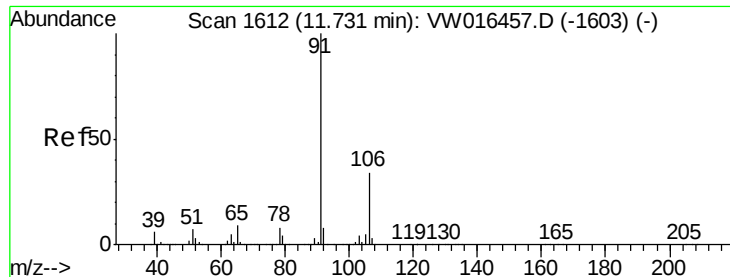
Tot Ion	Ratio	Lower	Upper
107	100		
109	83.5	64.8	120.4
188	4.9	3.4	5.0



#52
Chlorobenzene
Concen: 0.712 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

Tgt Ion	Ratio	Lower	Upper
112	100		
77	53.0	46.2	69.2
114	28.0	21.1	39.3

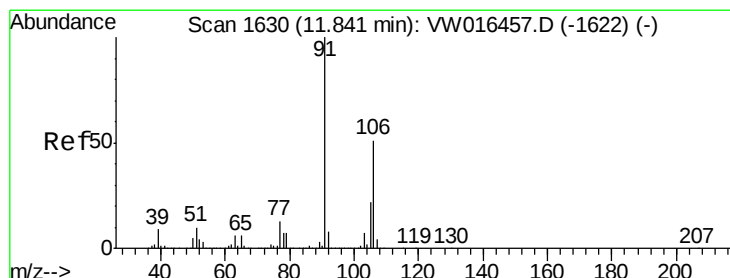
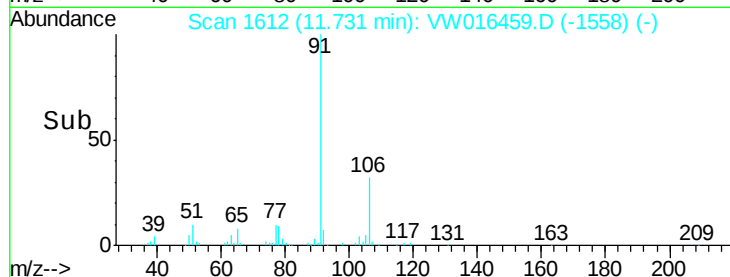
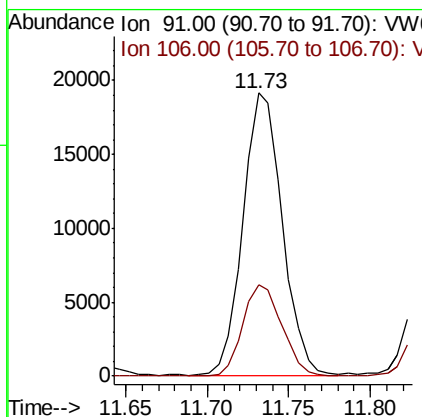
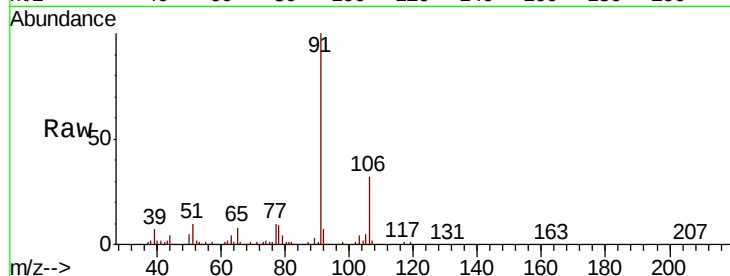




#53
Ethylbenzene
Concen: 0.692 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

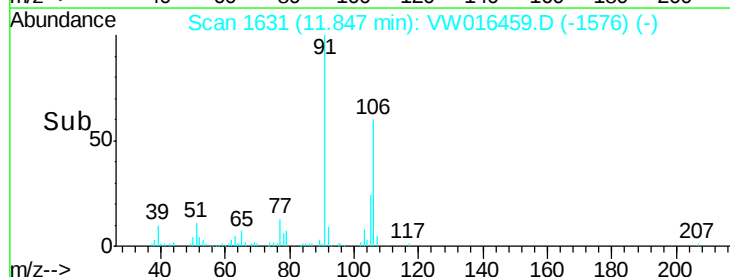
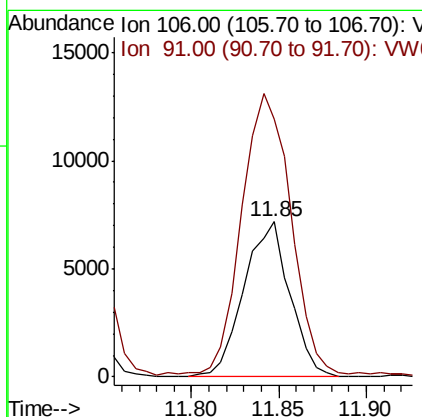
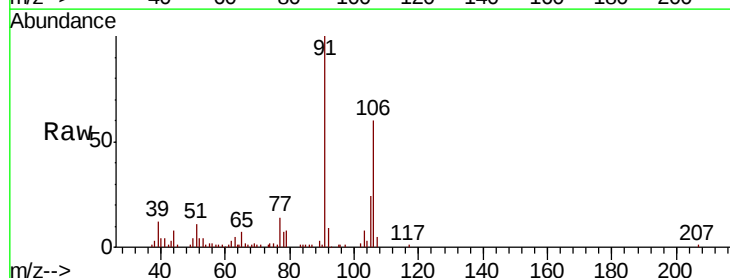
Instrument :
MSVOA_W
ClientSampleId :

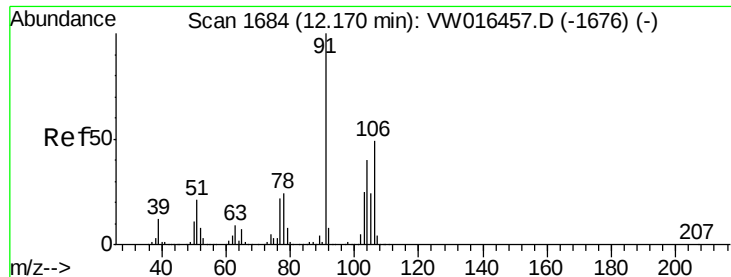
Tot Ion: 91 Resp: 32103
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.2



#54
m,p-Xylene
Concen: 0.745 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW016459.D
Acq: 04 Sep 2020 12:08

Tgt Ion: 106 Resp: 13203
Ion Ratio Lower Upper
106 100
91 166.6 142.3 264.3





#55

o-xylene

Concen: 0.703 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

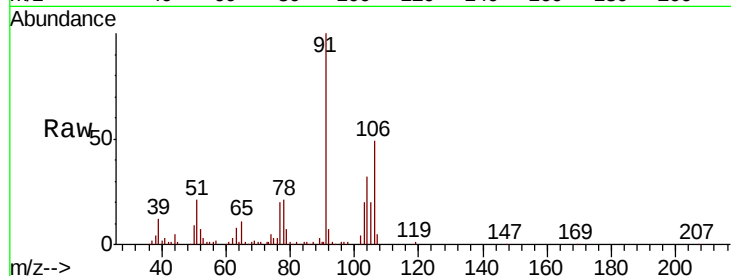
ClientSampled :

Tot Ion:106 Resp: 11878

Ion Ratio Lower Upper

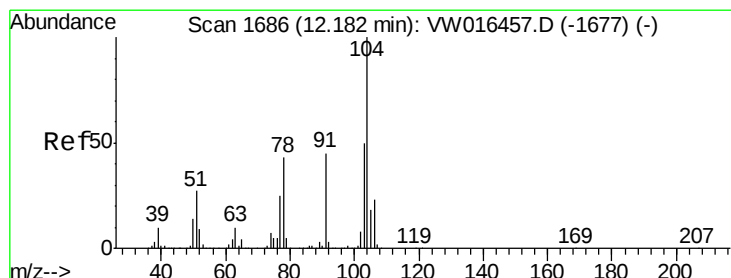
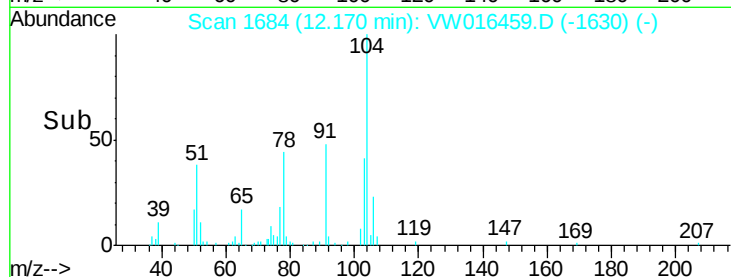
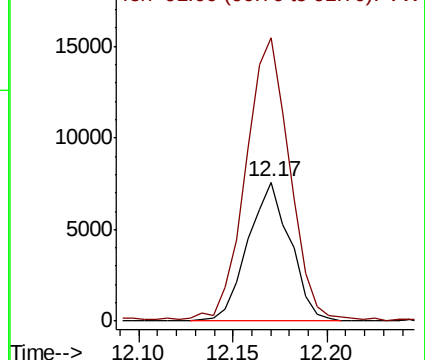
106 100

91 203.7 144.3 267.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 0.663 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW016459.D

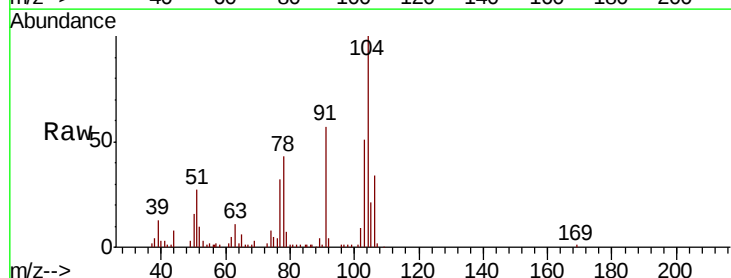
Acq: 04 Sep 2020 12:08

Tgt Ion:104 Resp: 19233

Ion Ratio Lower Upper

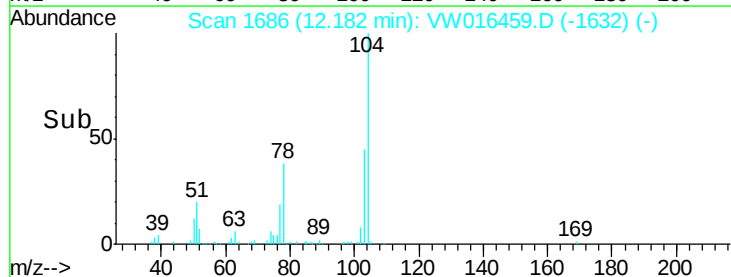
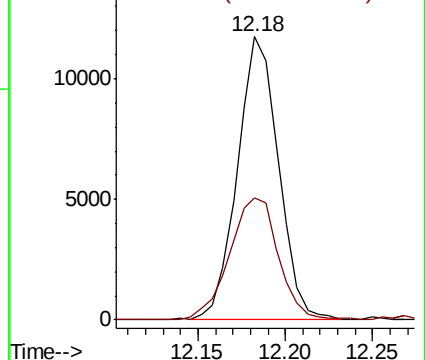
104 100

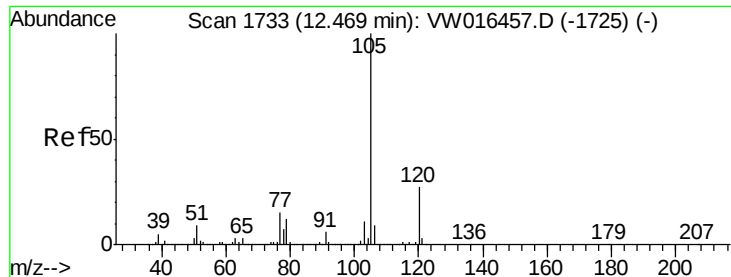
78 43.3 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 0.735 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

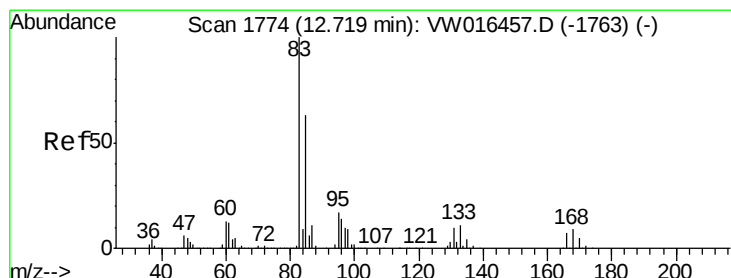
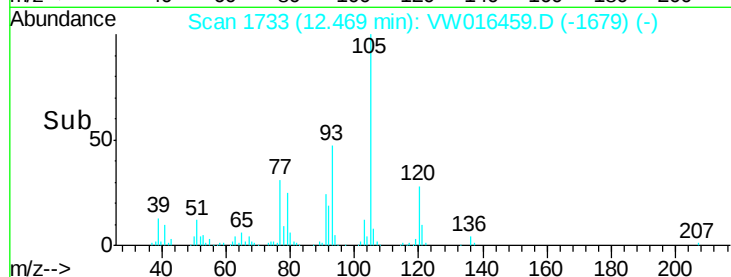
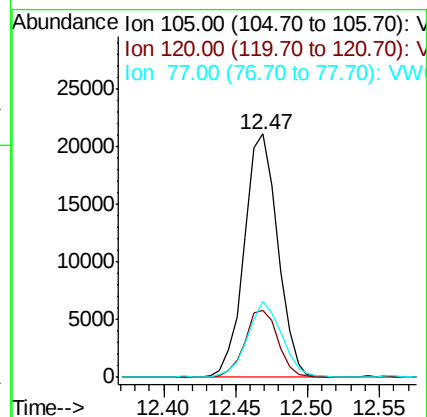
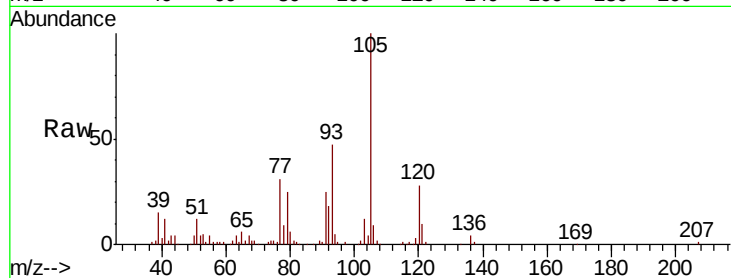
Tot Ion:105 Resp: 34004

Ion Ratio Lower Upper

105 100

120 27.1 21.9 32.9

77 32.0 13.0 19.6#



#58

1,1,2,2-Tetrachloroethane

Concen: 0.855 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

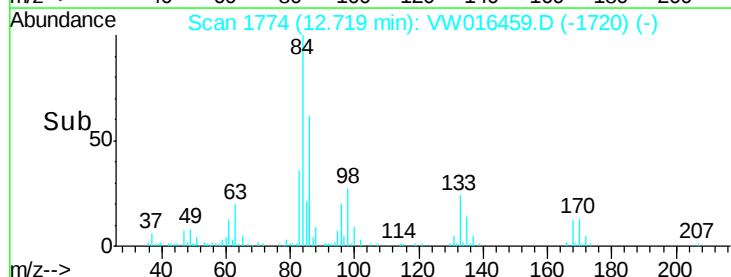
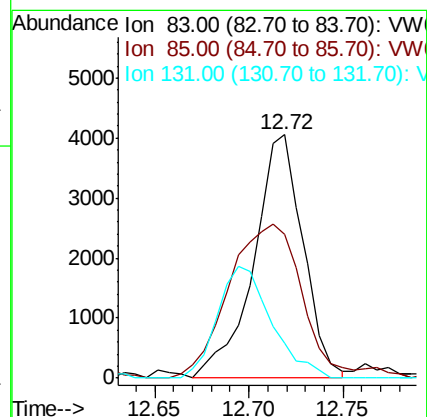
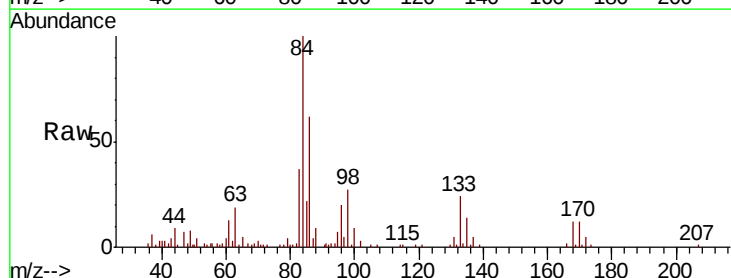
Tgt Ion: 83 Resp: 7348

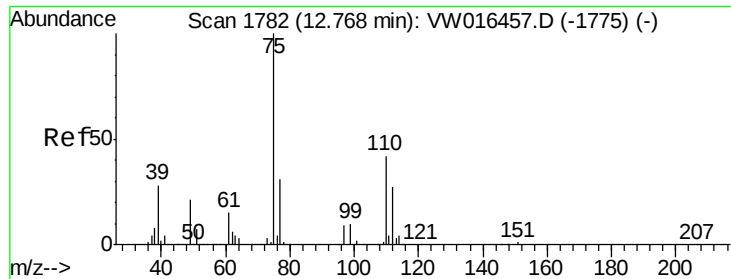
Ion Ratio Lower Upper

83 100

85 58.9 45.3 84.1

131 14.4 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 6.761 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

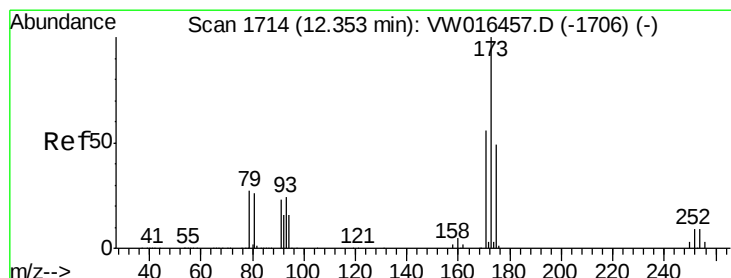
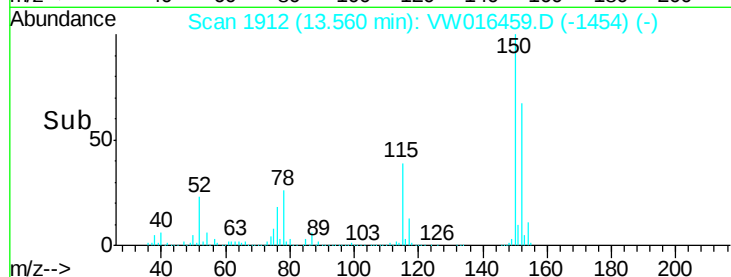
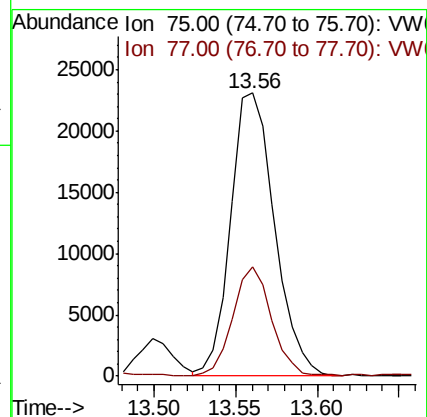
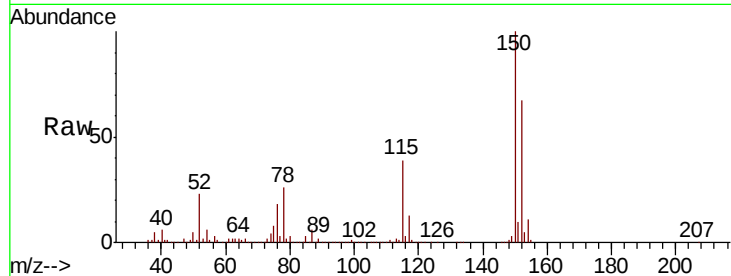
ClientSampled :

Tot Ion: 75 Resp: 43452

Ion Ratio Lower Upper

75 100

77 33.9 26.0 39.0



#62

Bromoform

Concen: 0.668 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

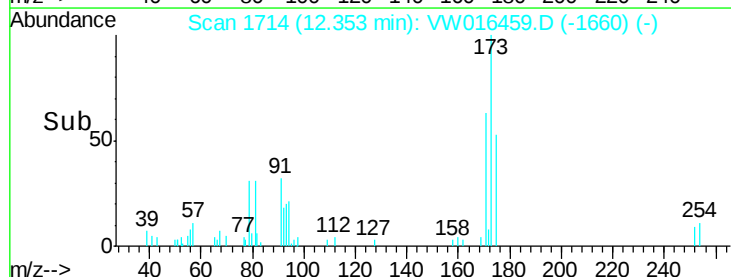
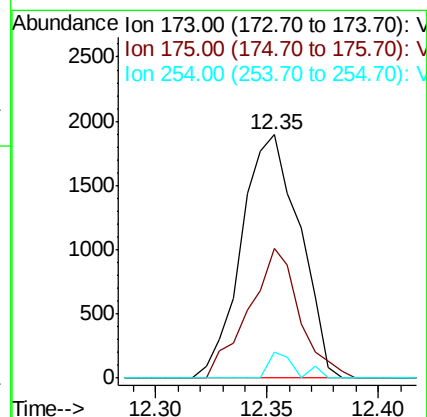
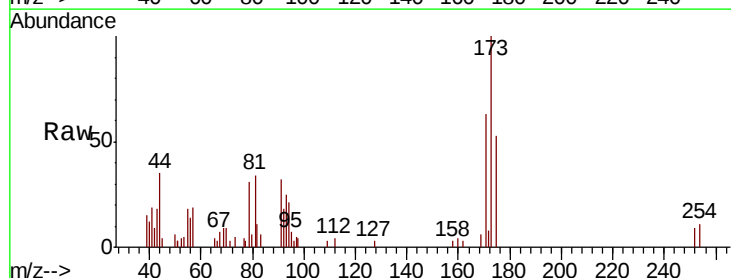
Tgt Ion: 173 Resp: 3459

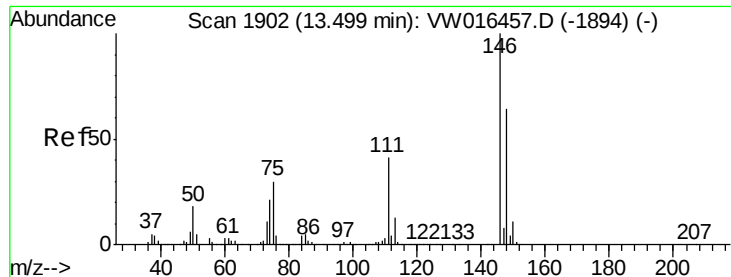
Ion Ratio Lower Upper

173 100

175 46.5 39.2 58.8

254 3.8 5.8 8.6#





#63

1,3-Dichlorobenzene

Concen: 0.750 ug/L

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

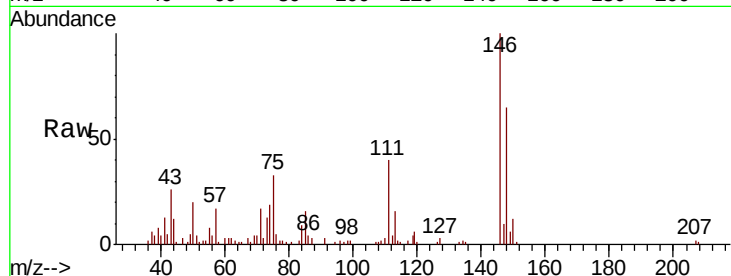
Tot Ion:146 Resp: 14569

Ion Ratio Lower Upper

146 100

111 39.7 26.5 49.3

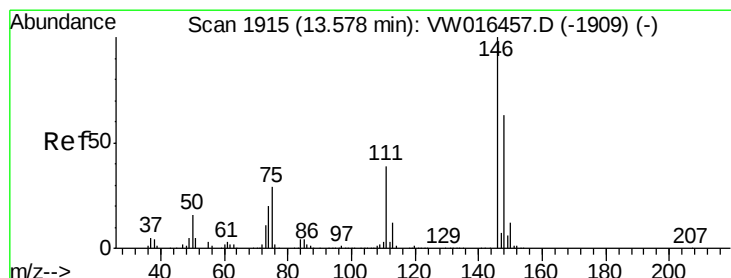
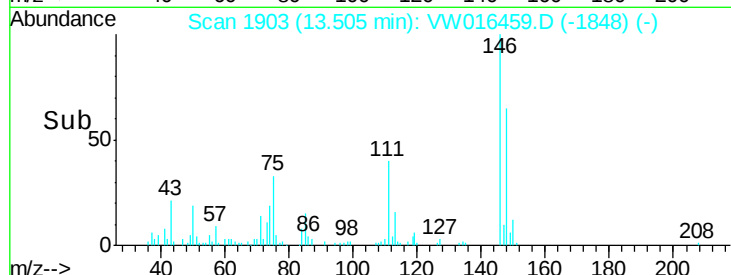
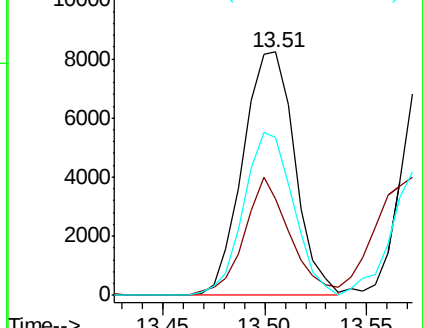
148 64.8 41.3 76.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 0.776 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

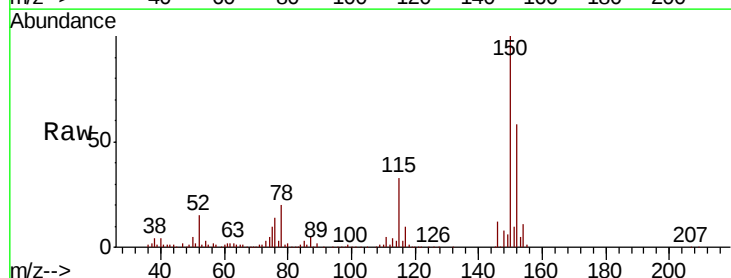
Tgt Ion:146 Resp: 14951

Ion Ratio Lower Upper

146 100

111 45.4 26.4 49.0

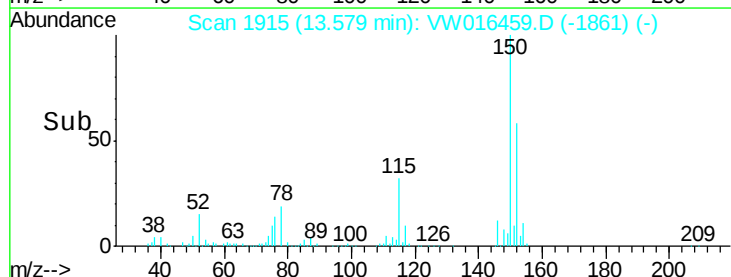
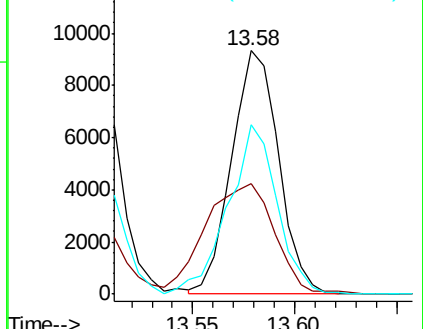
148 69.7 45.1 83.9

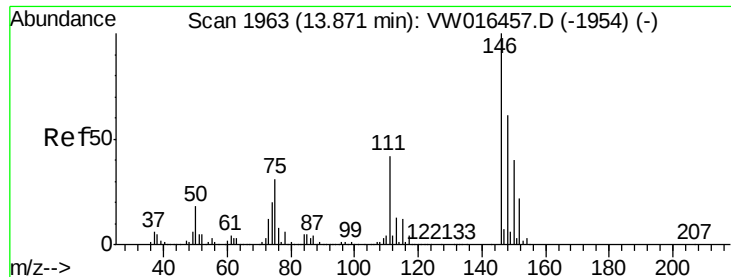


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.738 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

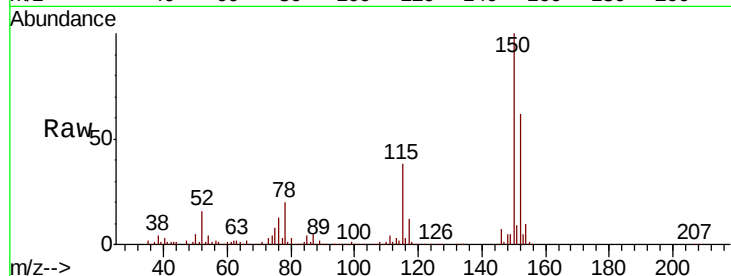
Tot Ion:146 Resp: 12733

Ion Ratio Lower Upper

146 100

111 59.4 35.3 52.9#

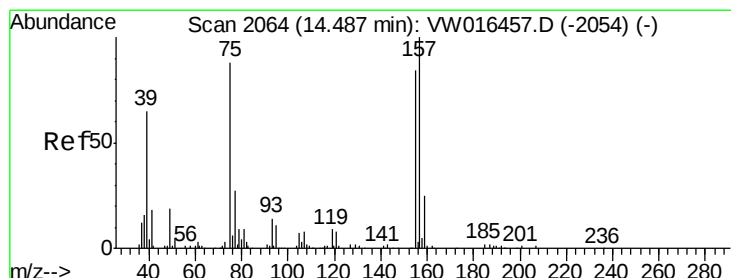
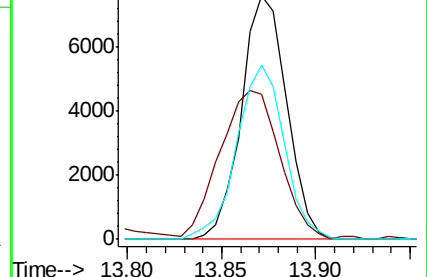
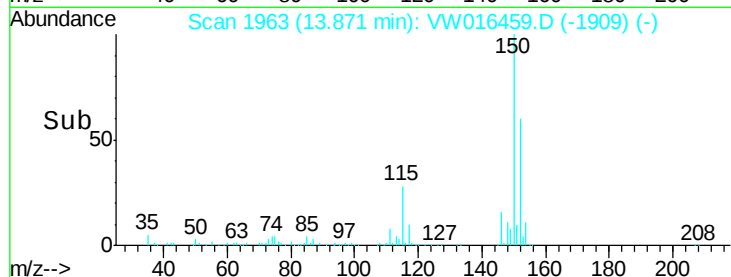
148 71.5 49.8 74.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 1.269 ug/L

RT: 14.62 min Scan# 2086

Delta R.T. 0.13 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

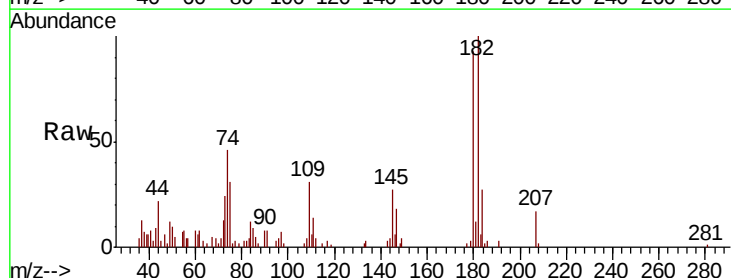
Tgt Ion: 75 Resp: 2040

Ion Ratio Lower Upper

75 100

157 0.0 91.4 137.0#

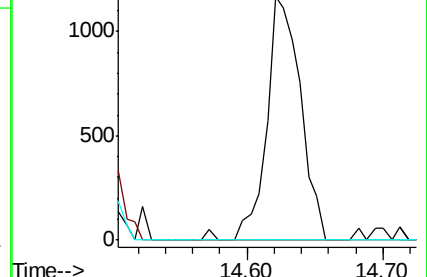
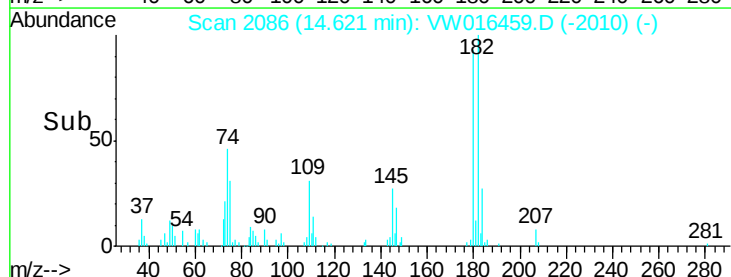
155 0.0 71.3 106.9#

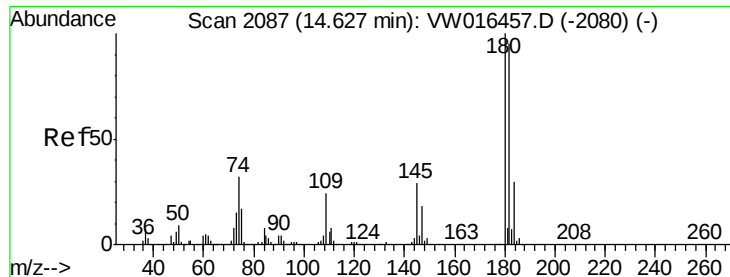


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

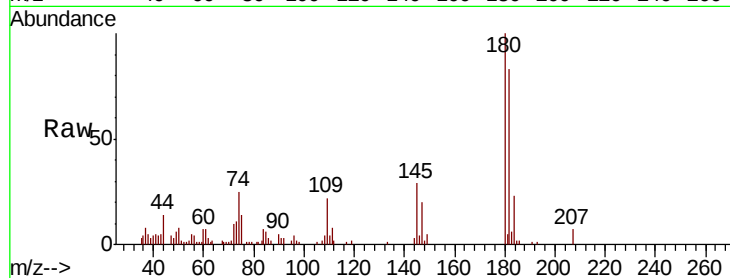




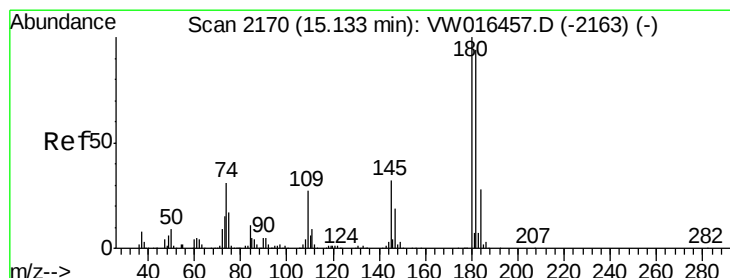
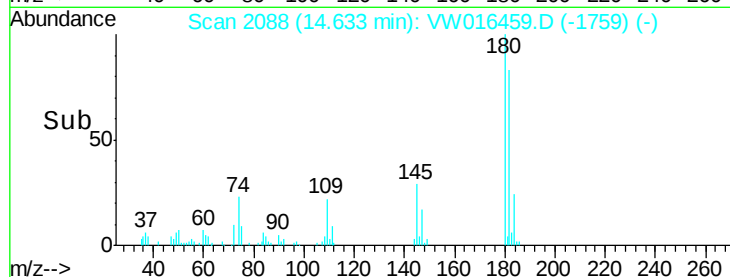
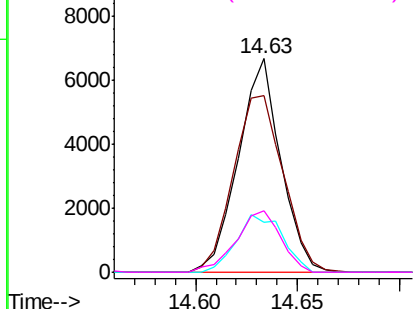
#67
 1,3,5-Trichlorobenzene
 Concen: 0.721 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW016459.D
 Acq: 04 Sep 2020 12:08

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 9647
 Ion Ratio Lower Upper
 180 100
 182 97.2 75.8 113.8
 184 29.2 24.2 36.2
 145 30.2 24.6 36.8

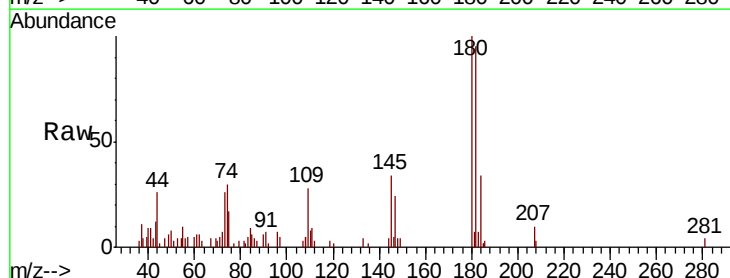


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

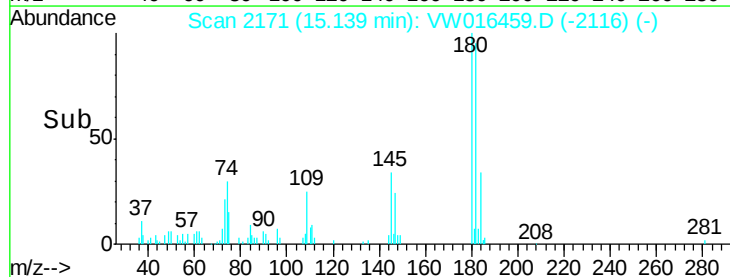
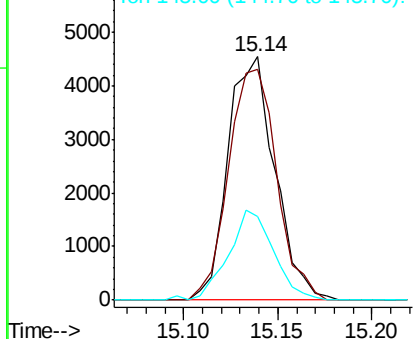


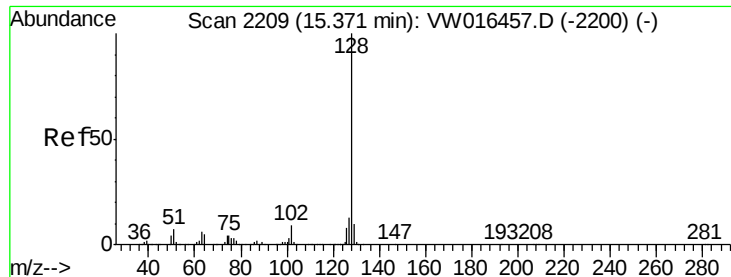
#68
 1,2,4-trichlorobenzene
 Concen: 0.678 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016459.D
 Acq: 04 Sep 2020 12:08

Tgt Ion:180 Resp: 7855
 Ion Ratio Lower Upper
 180 100
 182 97.1 78.5 117.7
 145 35.2 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 0.670 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

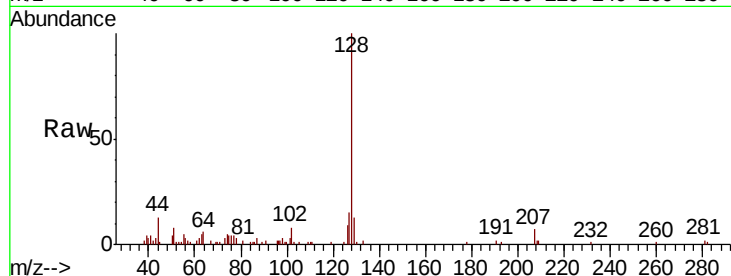
Tot Ion:128 Resp: 16374

Ion Ratio Lower Upper

128 100

129 12.0 8.7 13.1

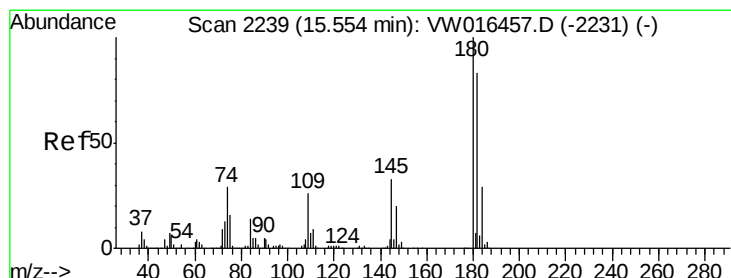
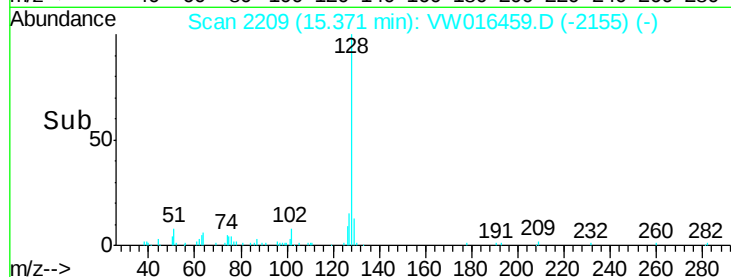
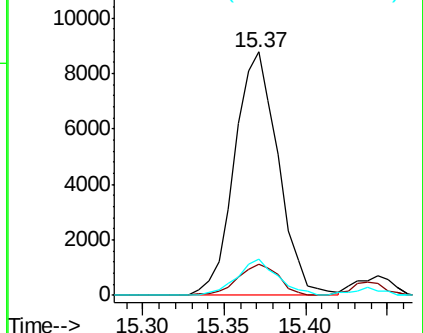
127 13.7 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.715 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW016459.D

Acq: 04 Sep 2020 12:08

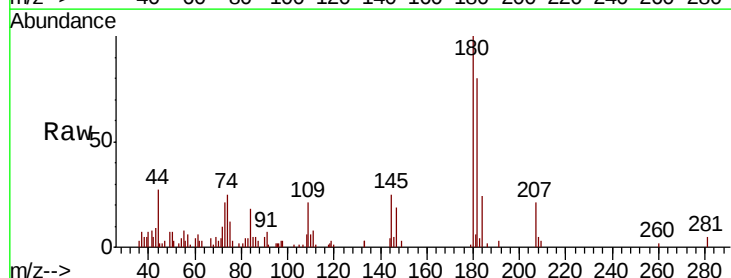
Tgt Ion:180 Resp: 7104

Ion Ratio Lower Upper

180 100

182 93.9 76.1 114.1

145 34.7 28.1 42.1



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

