

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016460.D
 Acq On : 04 Sep 2020 12:31
 Operator : SY/VA
 Sample : MDL02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

Quant Time: Sep 05 04:26:26 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	8.85	114	764387	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	684698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	333984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	177460	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	2.90	69	165045	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
10) 1,1-Dichloroethene-d2	4.03	63	289803	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.08	46	125549	43.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.70%
24) Chloroform-d	7.65	84	393447	21.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	8.01	65	77	0.01	ug/L	-0.30
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	796785	22.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.56%
33) 1,2-Dichloropropane-d6	9.28	67	228078	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.20%
37) Toluene-d8	10.33	98	763667	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	10.58	79	114686	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.92%
39) 2-Hexanone-d5	10.93	63	101658	48.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202479	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	273994	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	4445	0.520 ug/L #	81
3) Chloromethane	2.22	50	4739	0.631 ug/L	98
5) Vinyl chloride	2.37	62	6828	0.714 ug/L #	43
6) Bromomethane	2.79	94	4390	0.614 ug/L	98
9) Trichlorofluoromethane	3.27	101	4183	0.534 ug/L #	67
12) 1,1-Dichloroethene	4.04	96	7716	0.819 ug/L #	1
14) Carbon disulfide	4.39	76	15227	0.529 ug/L #	89
17) Methyl tert-butyl Ether	5.43	73	9330	0.660 ug/L #	57
18) trans-1,2-Dichloroethene	5.43	96	5815	0.581 ug/L	93
19) 1,1-Dichloroethane	6.22	63	9572	0.562 ug/L	91
22) cis-1,2-Dichloroethene	7.18	96	6671	0.640 ug/L	88
27) 1,2-Dichloroethane	8.40	62	7243	0.617 ug/L #	91
30) Cyclohexane	7.96	56	9057	0.554 ug/L	98
32) Carbon tetrachloride	8.07	117	8274	0.583 ug/L	99
34) Benzene	8.33	78	21543	0.575 ug/L	100
35) Trichloroethene	9.10	95	6437	0.621 ug/L	96
40) 1,2-Dichloropropane	9.38	63	5383	0.582 ug/L #	94

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

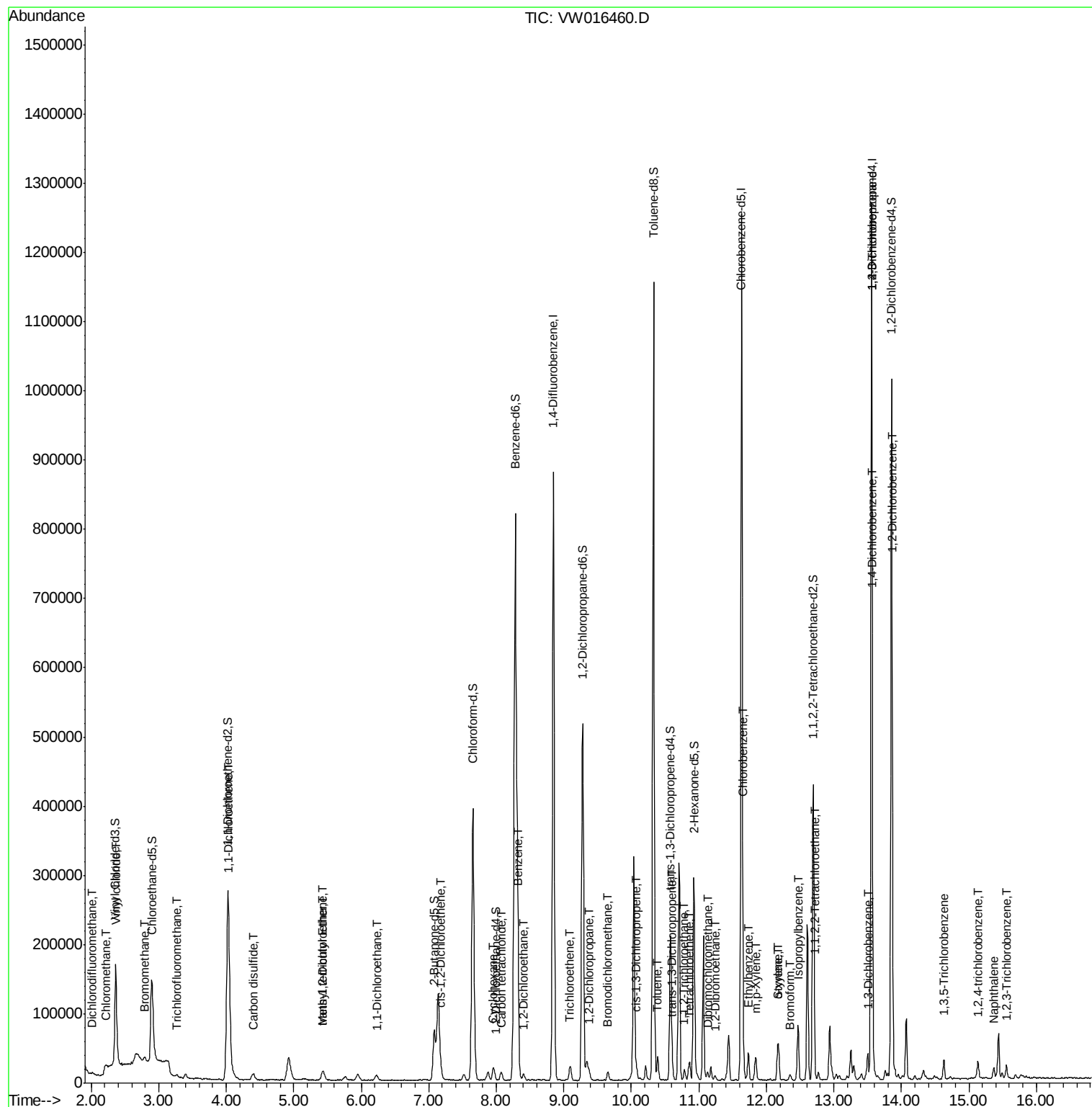
41) Bromodichloromethane	9.65	83	7144	0.552	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	9066	0.577	ug/L	100
44) Toluene	10.39	91	24840	0.593	ug/L	99
45) trans-1,3-Dichloropropene	10.62	75	7587	0.540	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	4550	0.620	ug/L	97
47) Tetrachloroethene	10.87	164	4847	0.583	ug/L	80
50) Dibromochloromethane	11.13	129	5335	0.575	ug/L	93
51) 1,2-Dibromoethane	11.24	107	4497	0.613	ug/L #	91
52) Chlorobenzene	11.66	112	15249	0.574	ug/L	94
53) Ethylbenzene	11.73	91	26886	0.570	ug/L	94
54) m,p-Xylene	11.84	106	10436	0.579	ug/L	87
55) o-xylene	12.17	106	9812	0.571	ug/L	95
56) Styrene	12.18	104	15954	0.541	ug/L	99
57) Isopropylbenzene	12.47	105	28130	0.598	ug/L #	86
58) 1,1,2,2-Tetrachloroethane	12.72	83	6216	0.711	ug/L #	96
59) 1,2,3-Trichloropropane	13.56	75	42692	6.532	ug/L	92
62) Bromoform	12.35	173	2742	0.489	ug/L #	91
63) 1,3-Dichlorobenzene	13.51	146	11997	0.571	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	12274	0.589	ug/L	88
65) 1,2-Dichlorobenzene	13.87	146	10553	0.565	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.63	180	8519	0.588	ug/L	93
68) 1,2,4-trichlorobenzene	15.13	180	6875	0.548	ug/L	95
69) Naphthalene	15.37	128	13230	0.500	ug/L	97
70) 1,2,3-Trichlorobenzene	15.56	180	5535	0.514	ug/L	98

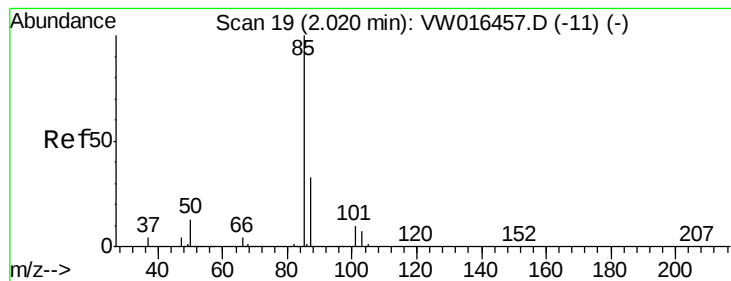
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.520 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

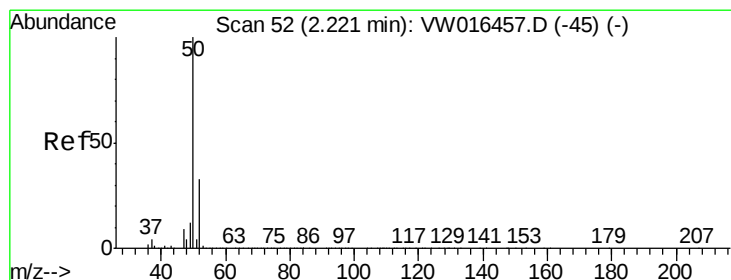
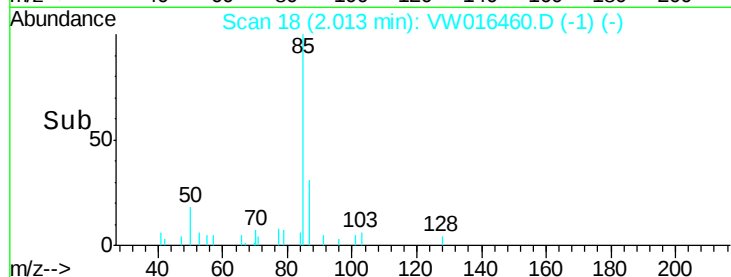
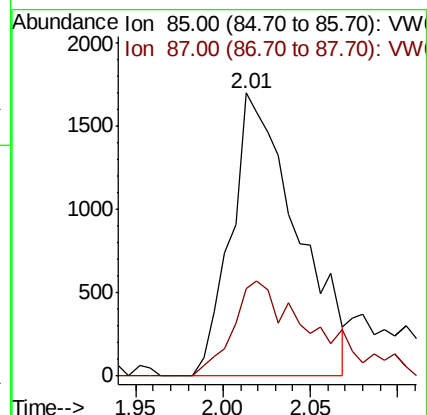
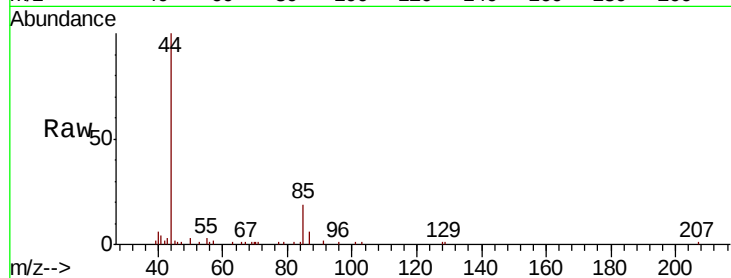
MDL02

Tot Ion: 85 Resp: 4445

Ion Ratio Lower Upper

85 100

87 21.3 22.3 41.5#



#3

Chloromethane

Concen: 0.631 ug/L

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW016460.D

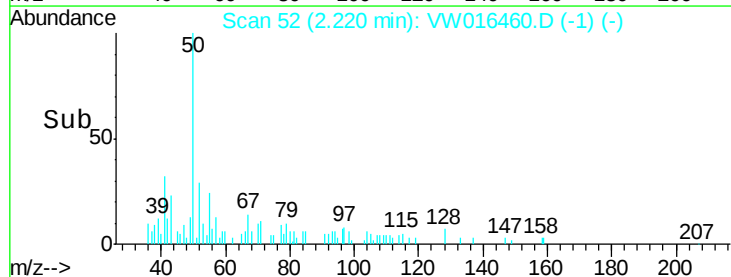
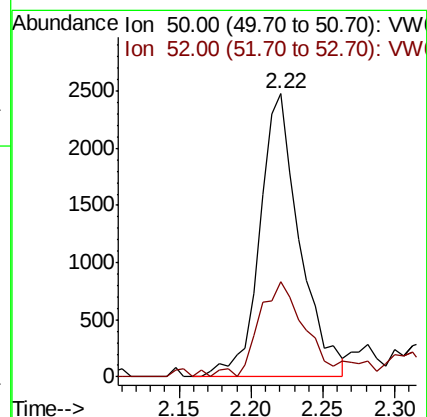
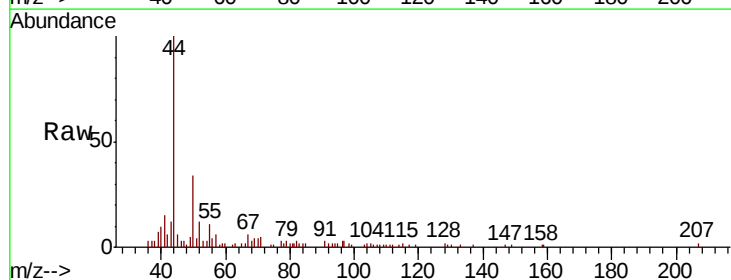
Acq: 04 Sep 2020 12:31

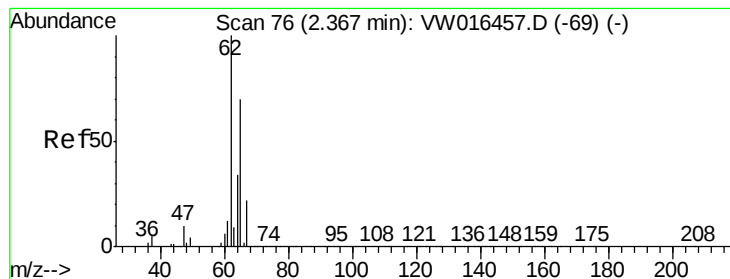
Tgt Ion: 50 Resp: 4739

Ion Ratio Lower Upper

50 100

52 33.9 23.0 42.6





#5

Vinyl chloride

Concen: 0.714 ug/L

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

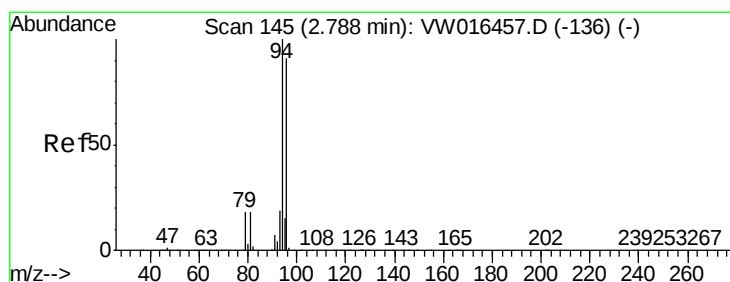
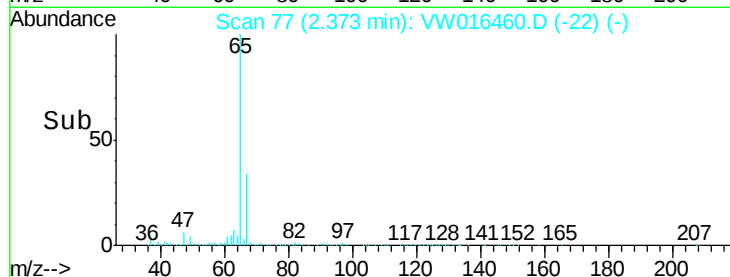
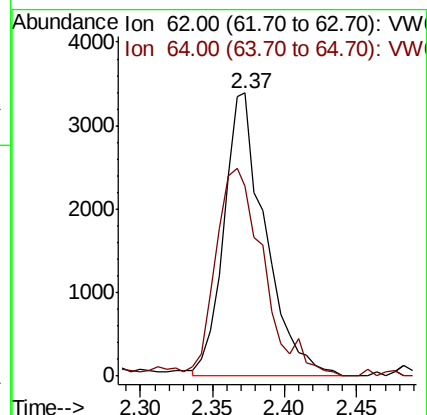
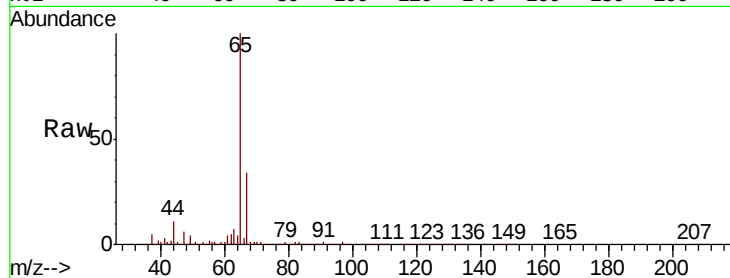
MDL02

Tot Ion: 62 Resp: 6828

Ion Ratio Lower Upper

62 100

64 66.9 23.9 44.5#



#6

Bromomethane

Concen: 0.614 ug/L

RT: 2.79 min Scan# 146

Delta R.T. 0.01 min

Lab File: VW016460.D

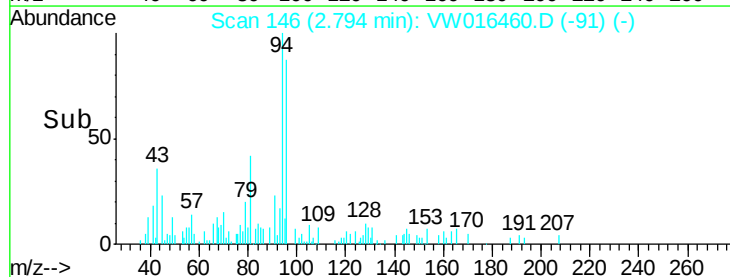
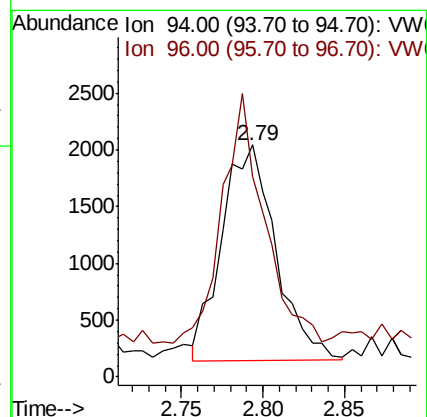
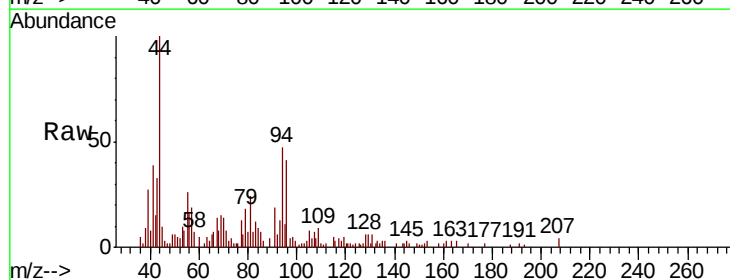
Acq: 04 Sep 2020 12:31

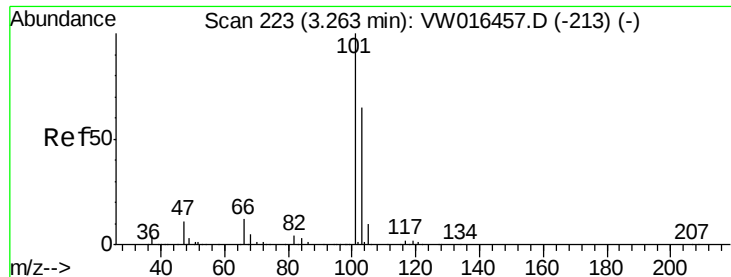
Tgt Ion: 94 Resp: 4390

Ion Ratio Lower Upper

94 100

96 91.5 9.4 178.2





#9

Trichlorofluoromethane

Concen: 0.534 ug/L

RT: 3.27 min Scan# 224

Delta R.T. 0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampled :

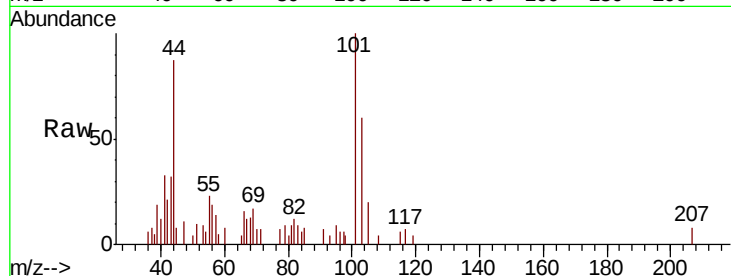
MDL02

Tot Ion:101 Resp: 4183

Ion Ratio Lower Upper

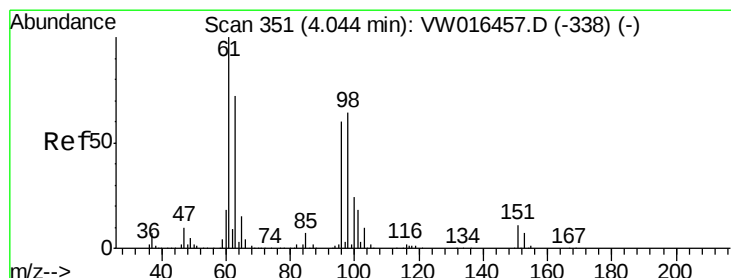
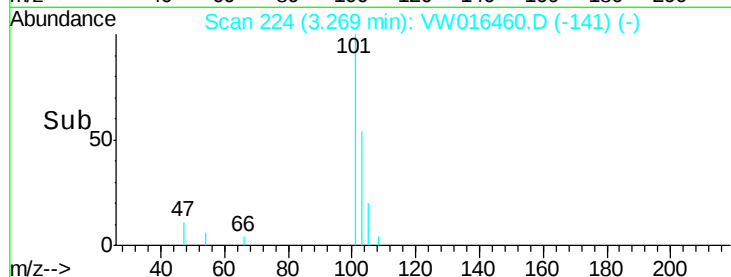
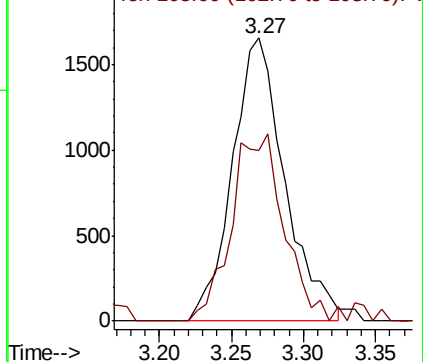
101 100

103 38.4 45.1 83.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 0.819 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

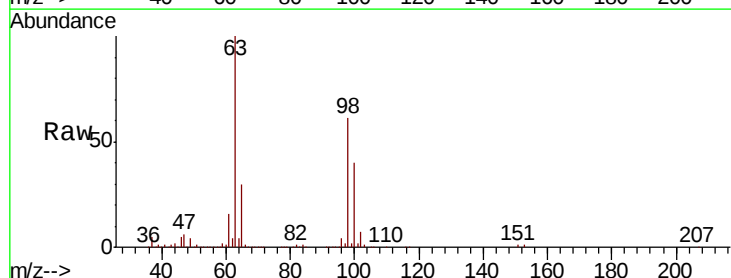
Tgt Ion: 96 Resp: 7716

Ion Ratio Lower Upper

96 100

61 443.8 116.5 216.3#

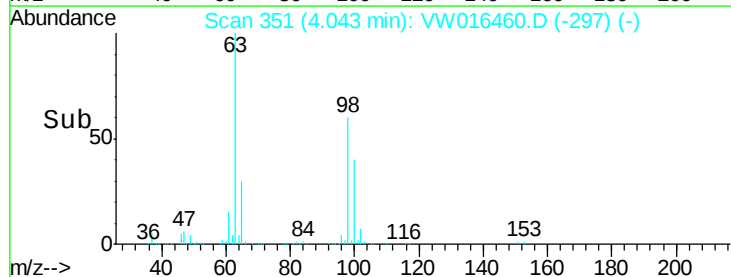
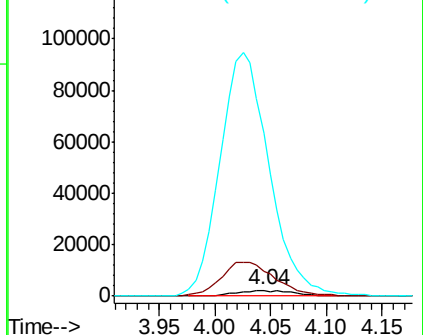
63 2849.6 81.1 150.5#

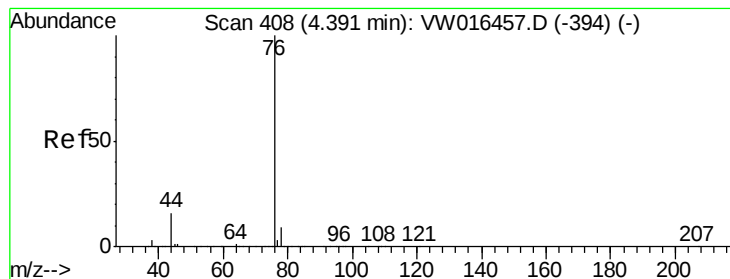


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#14

Carbon disulfide

Concen: 0.529 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampled :

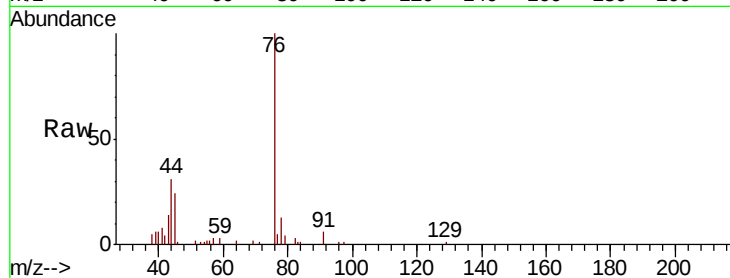
MDL02

Tot Ion: 76 Resp: 15227

Ion Ratio Lower Upper

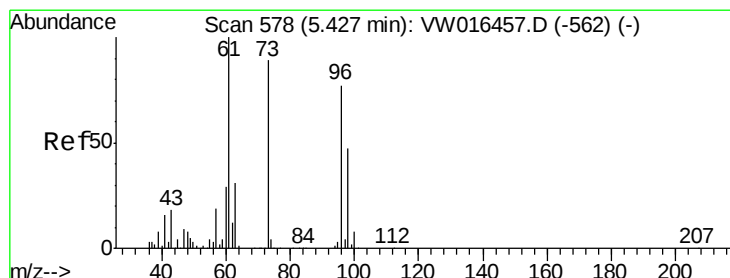
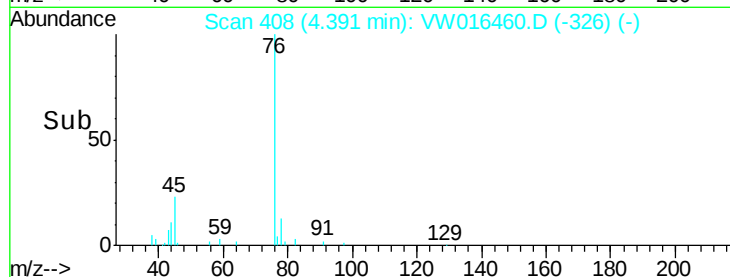
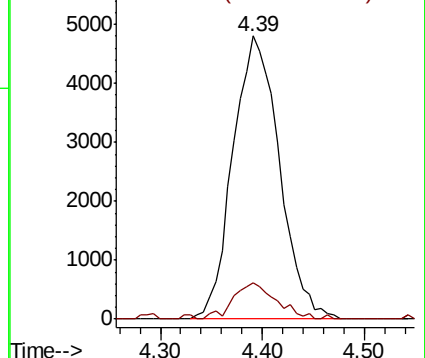
76 100

78 12.9 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#17

Methyl tert-butyl Ether

Concen: 0.660 ug/L

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

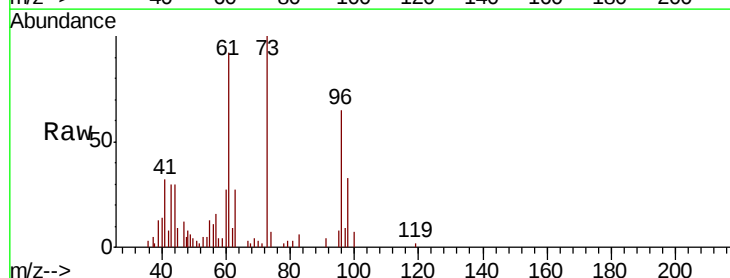
Tgt Ion: 73 Resp: 9330

Ion Ratio Lower Upper

73 100

43 0.7 17.9 26.9#

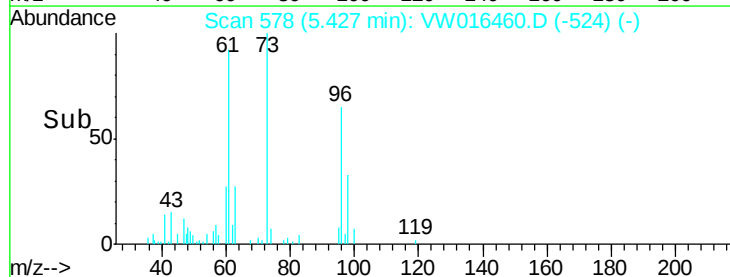
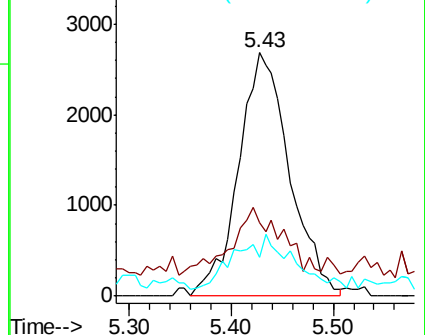
57 2.2 17.4 26.0#

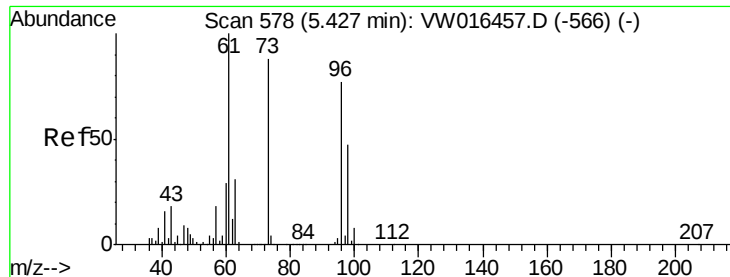


Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 57.00 (56.70 to 57.70): VW

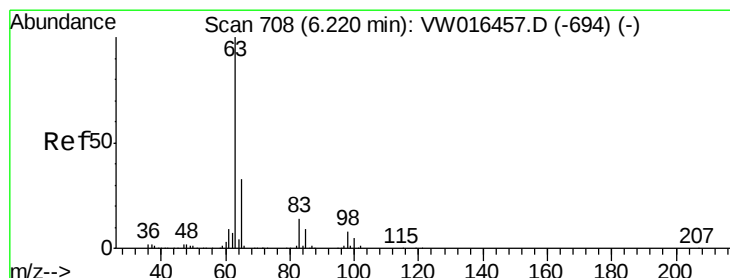
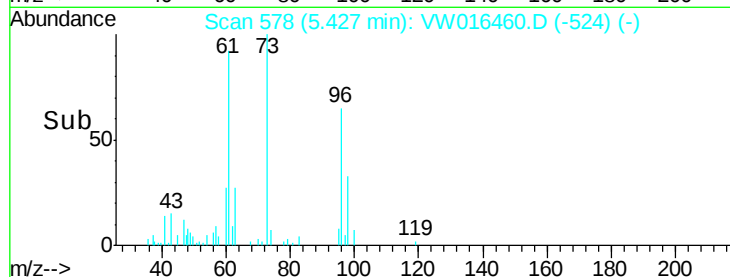
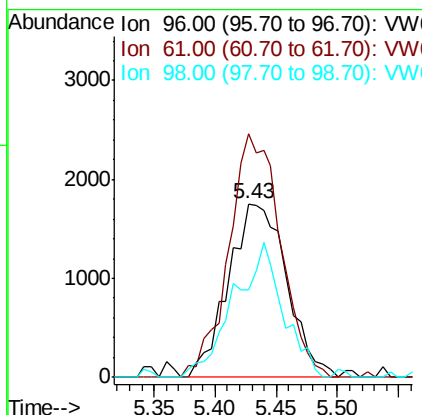
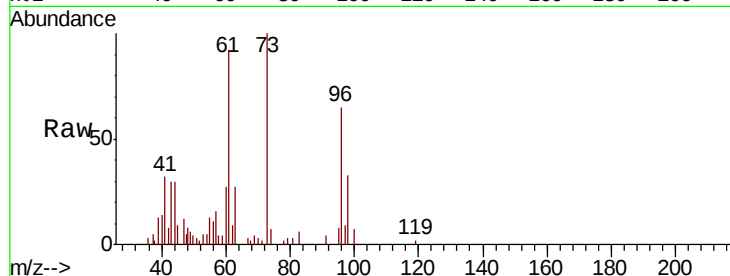




#18
trans-1,2-Dichloroethene
Concen: 0.581 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

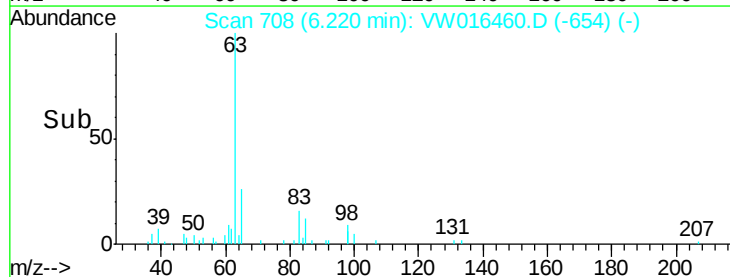
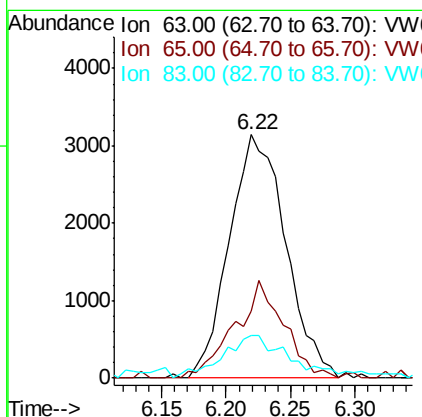
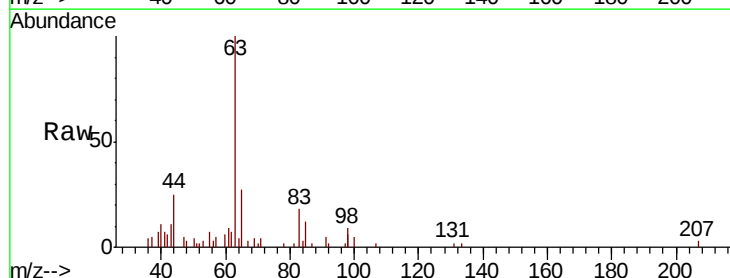
Instrument :
MSVOA_W
ClientSampled :
MDL02

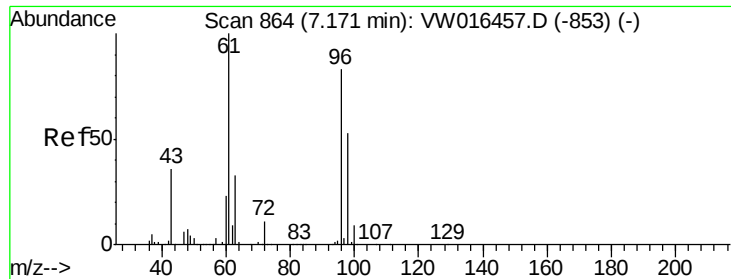
Tot Ion: 96 Resp: 5815
Ion Ratio Lower Upper
96 100
61 140.1 96.4 179.0
98 50.1 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.562 ug/L
RT: 6.22 min Scan# 708
Delta R.T. -0.00 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

Tgt Ion: 63 Resp: 9572
Ion Ratio Lower Upper
63 100
65 27.5 23.3 43.3
83 17.6 10.3 19.1



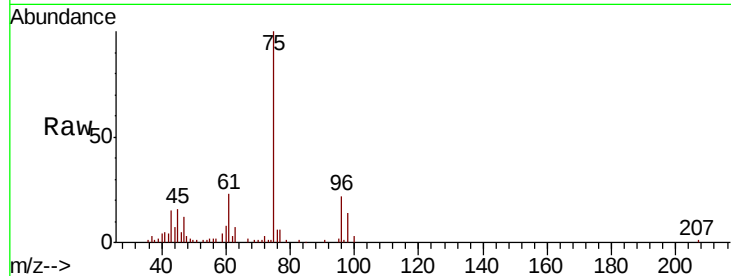


#22

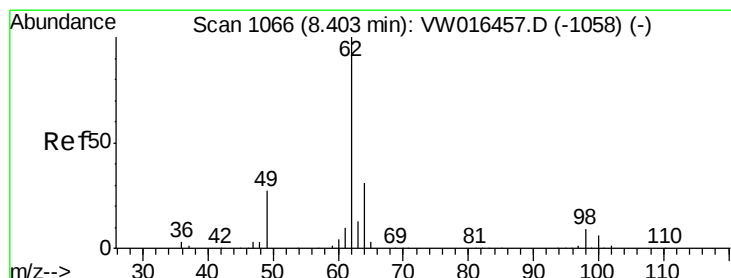
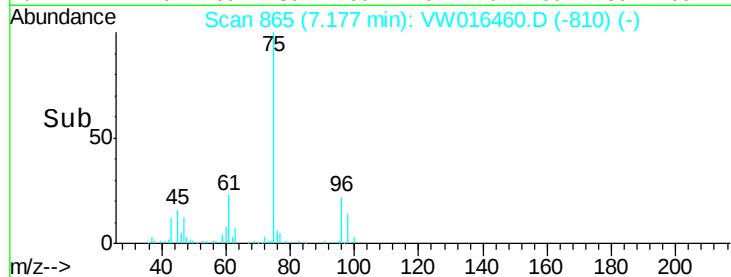
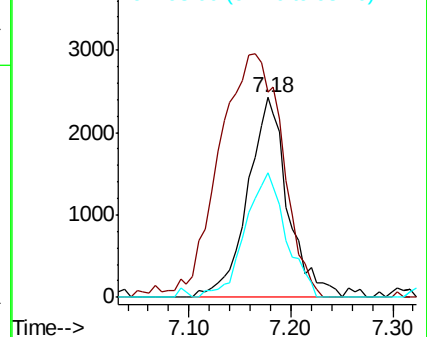
cis-1,2-Dichloroethene
 Concen: 0.640 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

Tot Ion: 96 Resp: 6671
 Ion Ratio Lower Upper
 96 100
 61 102.6 86.1 159.9
 98 62.6 44.1 81.9



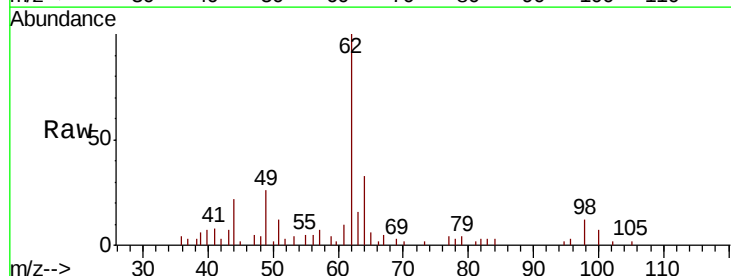
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



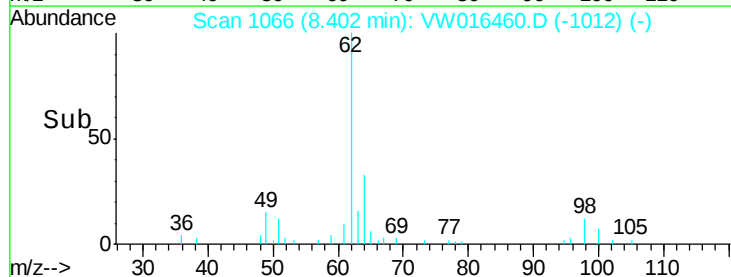
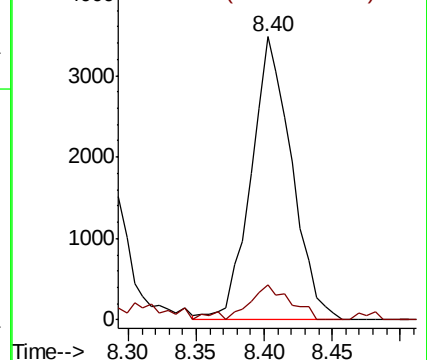
#27

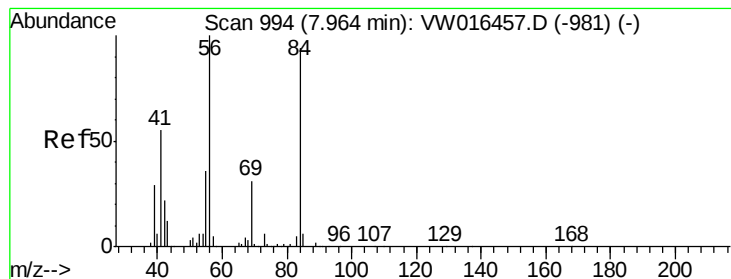
1,2-Dichloroethane
 Concen: 0.617 ug/L
 RT: 8.40 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Tgt Ion: 62 Resp: 7243
 Ion Ratio Lower Upper
 62 100
 98 12.2 7.3 10.9#



Abundance Ion 62.00 (61.70 to 62.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#30

Cyclohexane

Concen: 0.554 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

MDL02

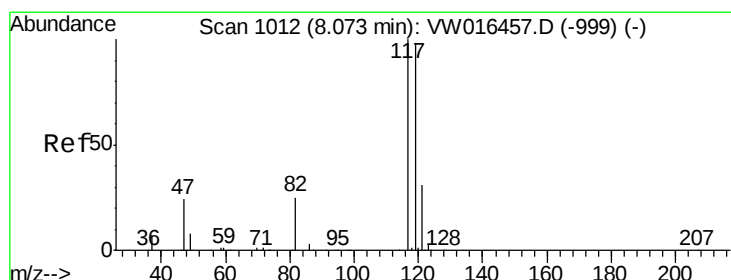
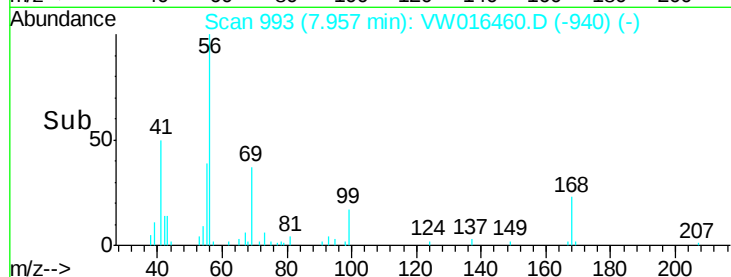
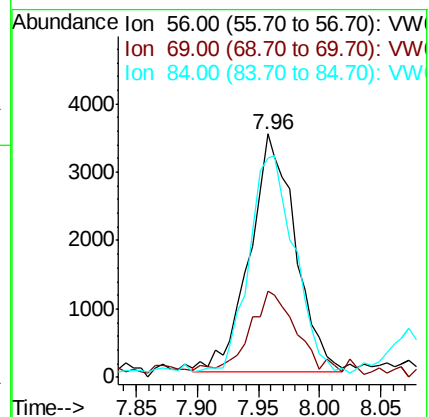
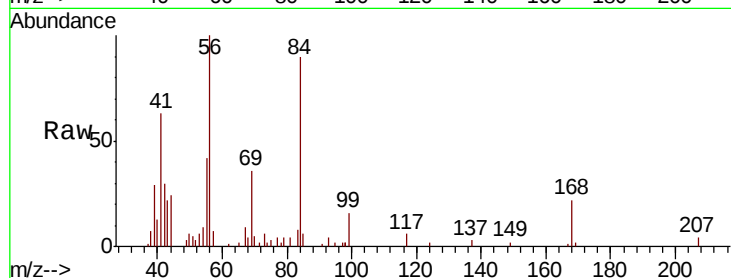
Tot Ion: 56 Resp: 9057

Ion Ratio Lower Upper

56 100

69 32.9 25.3 37.9

84 91.9 71.6 107.4



#32

Carbon tetrachloride

Concen: 0.583 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW016460.D

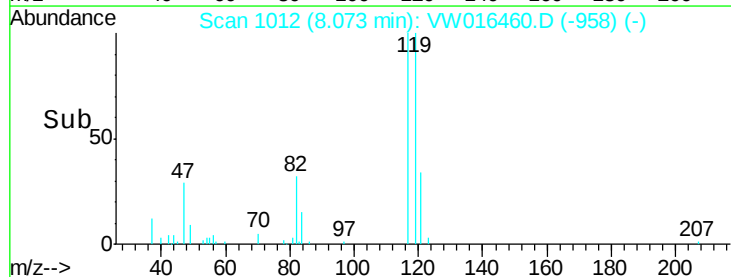
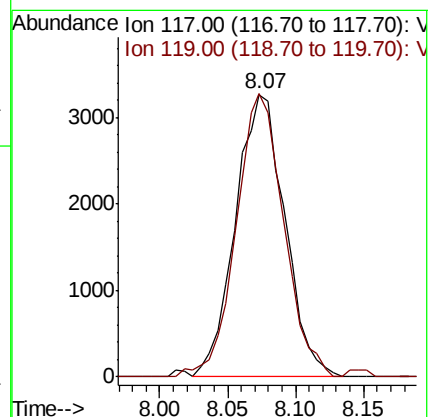
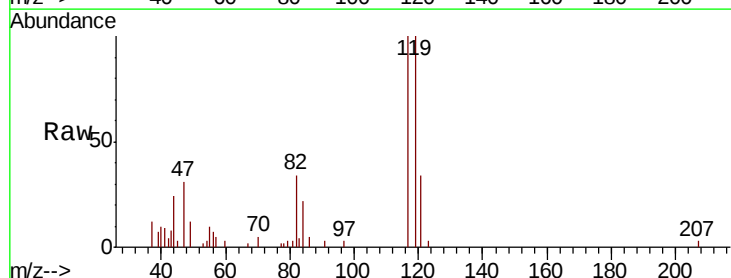
Acq: 04 Sep 2020 12:31

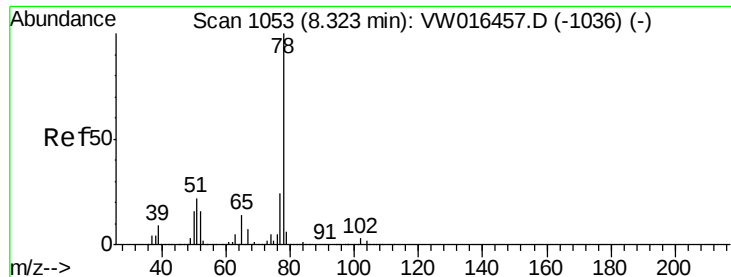
Tgt Ion: 117 Resp: 8274

Ion Ratio Lower Upper

117 100

119 96.6 77.8 116.6





#34

Benzene

Concen: 0.575 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

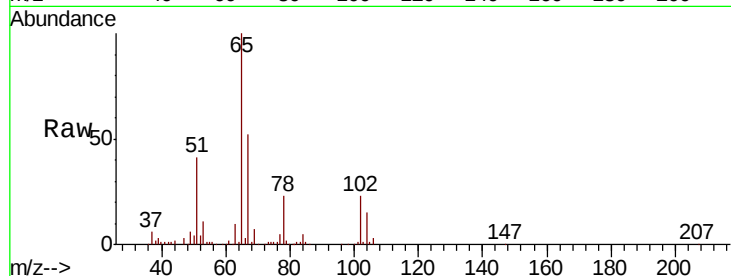
Instrument :

MSVOA_W

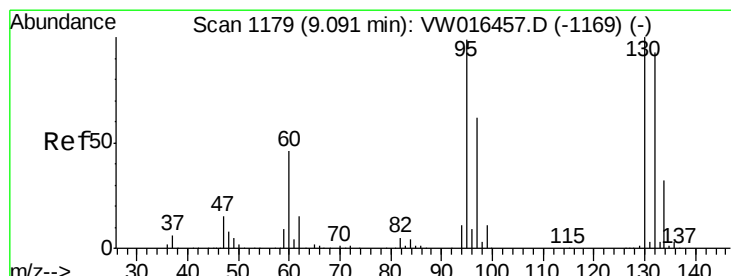
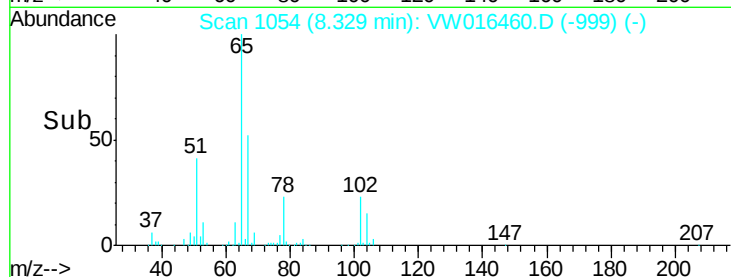
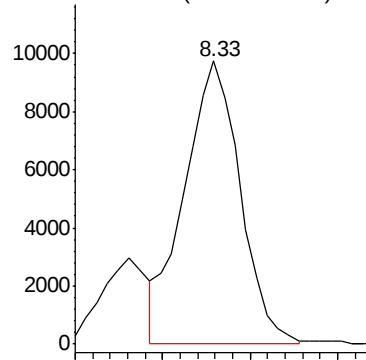
ClientSampleId :

MDL02

Tgt Ion: 78 Resp: 21543



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 0.621 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Tgt Ion: 95 Resp: 6437

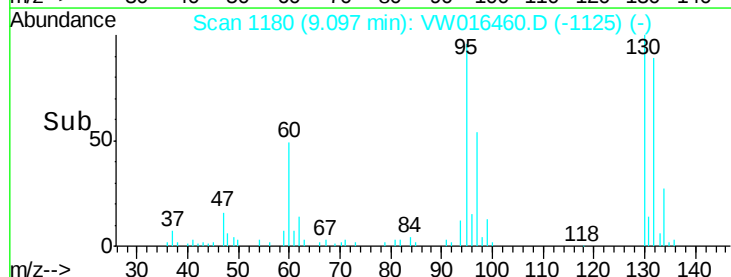
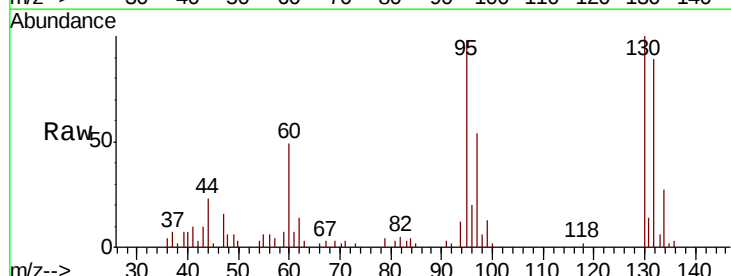
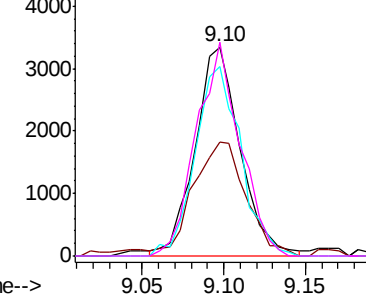
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.9	83.5
132	91.6	69.2	128.4
130	99.2	72.0	133.6

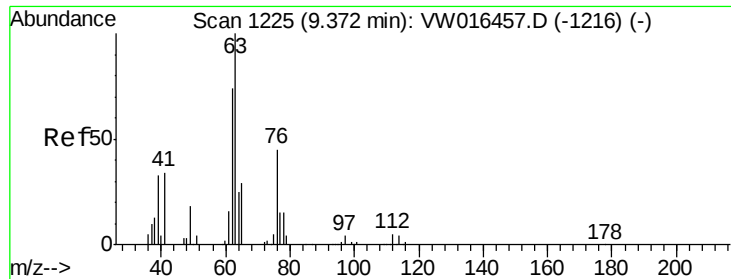
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#40

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 9.38 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampled :

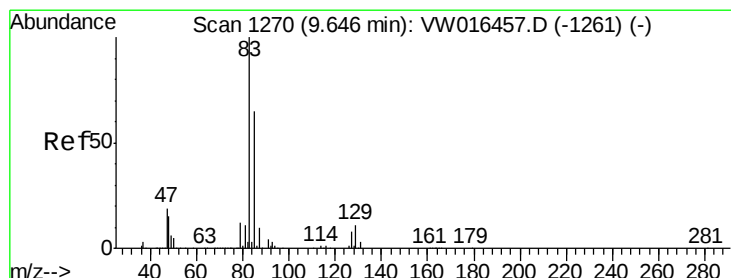
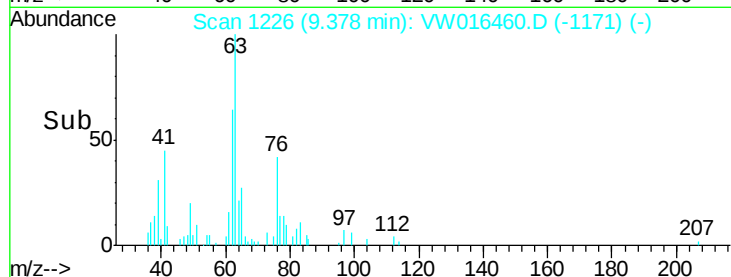
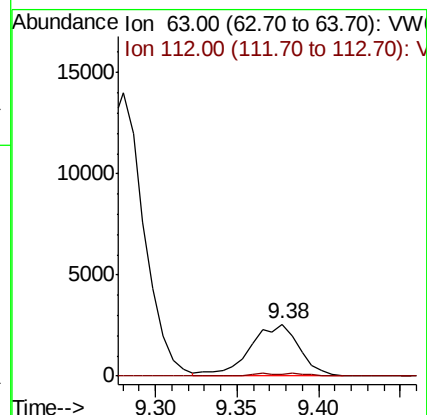
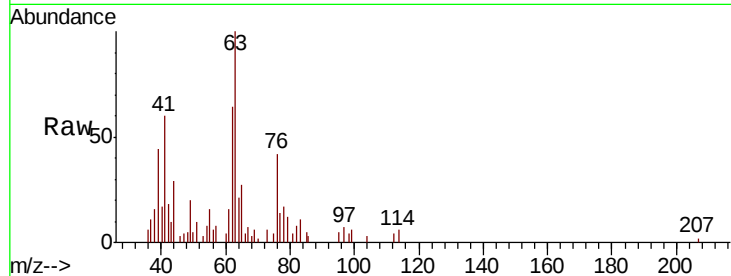
MDL02

Tot Ion: 63 Resp: 5383

Ion Ratio Lower Upper

63 100

112 2.9 3.8 5.8#



#41

Bromodichloromethane

Concen: 0.552 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

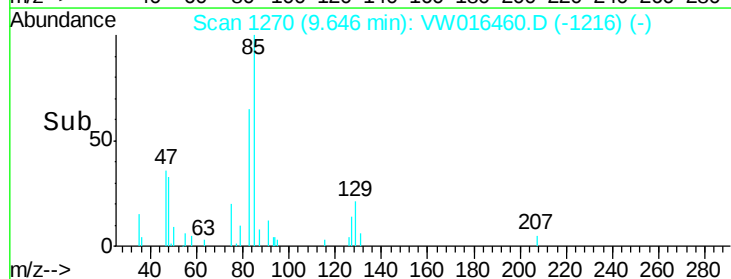
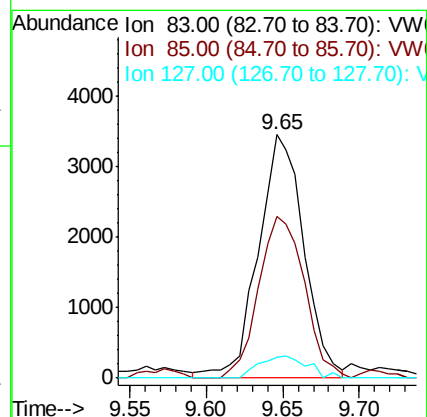
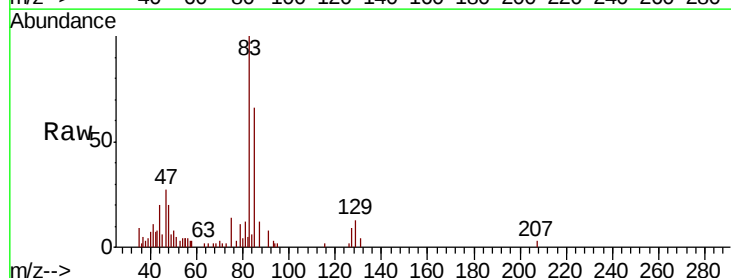
Tgt Ion: 83 Resp: 7144

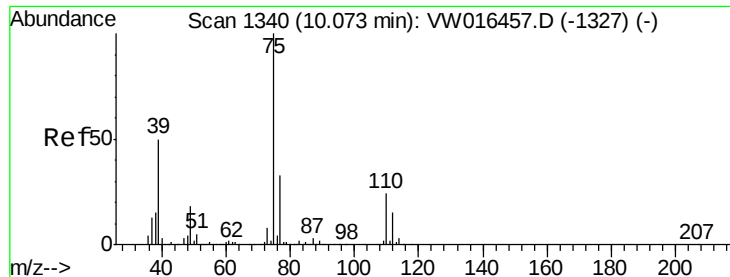
Ion Ratio Lower Upper

83 100

85 66.2 43.5 80.7

127 8.7 6.7 10.1





#42

cis-1,3-Dichloropropene

Concen: 0.577 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

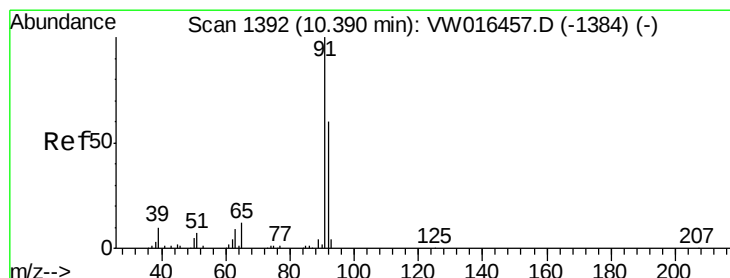
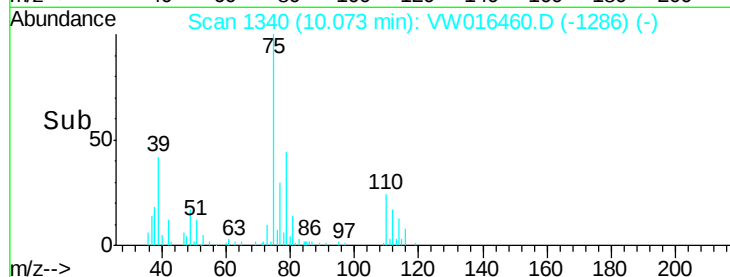
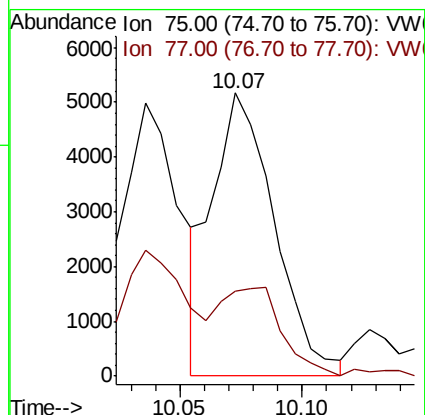
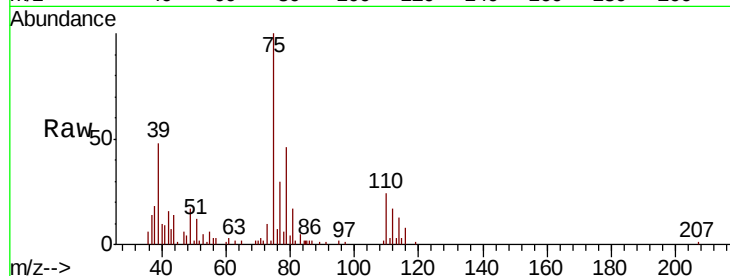
MDL02

Tot Ion: 75 Resp: 9066

Ion Ratio Lower Upper

75 100

77 30.0 20.9 38.7



#44

Toluene

Concen: 0.593 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016460.D

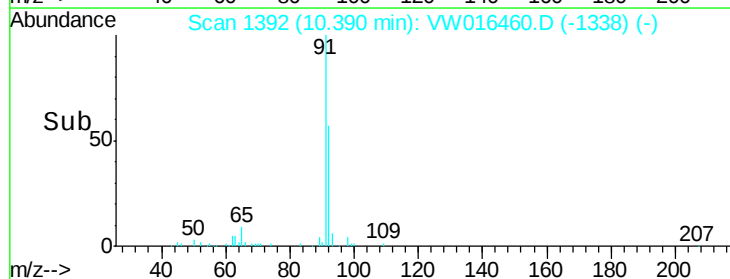
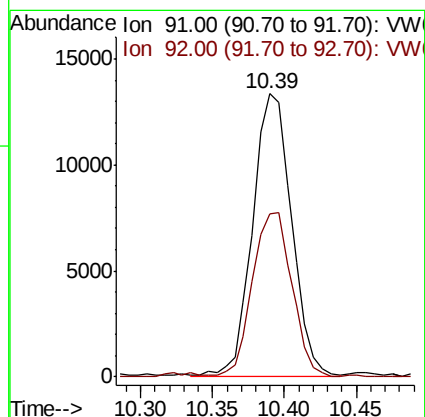
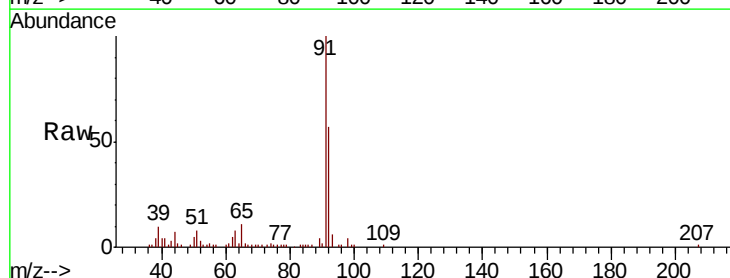
Acq: 04 Sep 2020 12:31

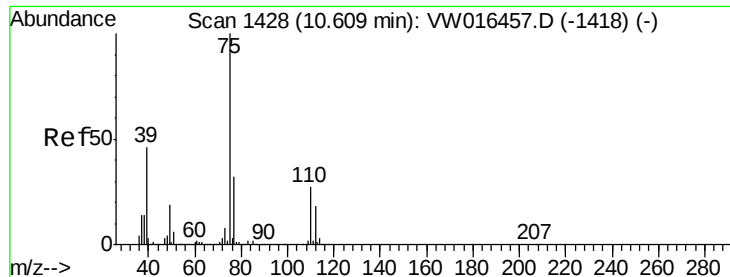
Tgt Ion: 91 Resp: 24840

Ion Ratio Lower Upper

91 100

92 57.4 39.5 73.4





#45

trans-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 10.62 min Scan# 1429

Delta R.T. 0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampled :

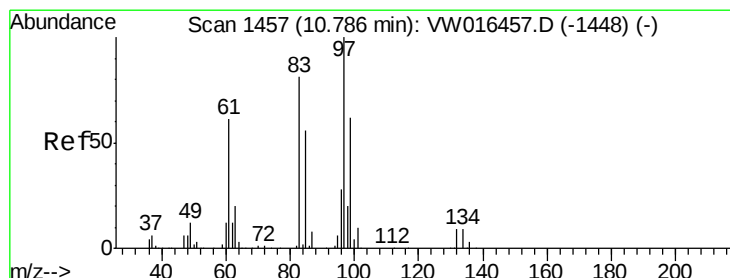
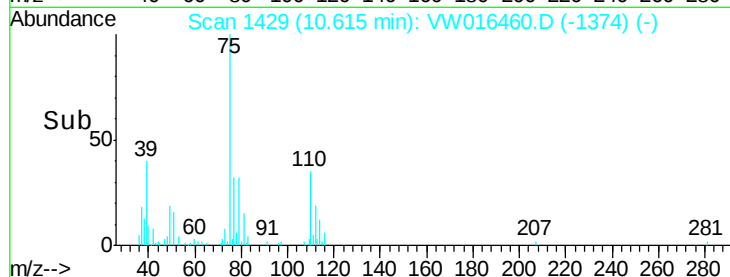
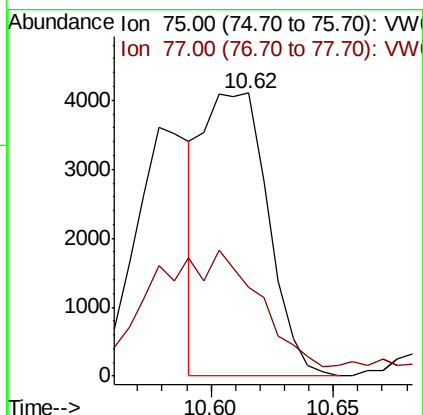
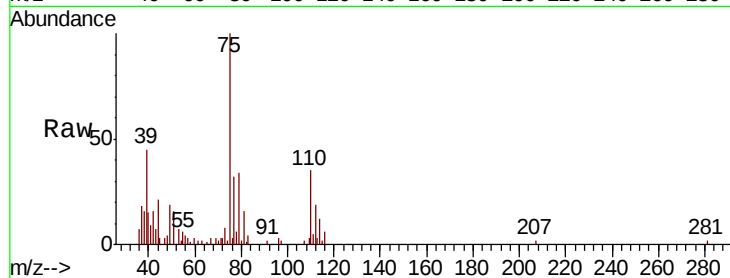
MDL02

Tot Ion: 75 Resp: 7587

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



#46

1,1,2-Trichloroethane

Concen: 0.620 ug/L

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Tgt Ion: 97 Resp: 4550

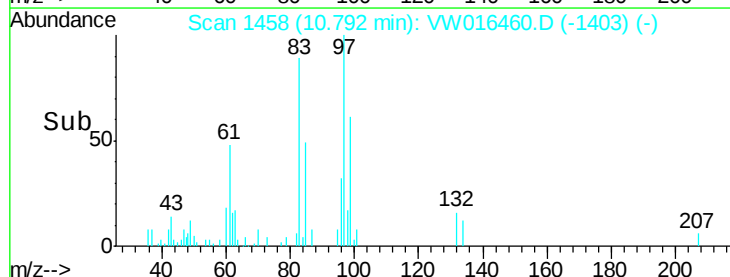
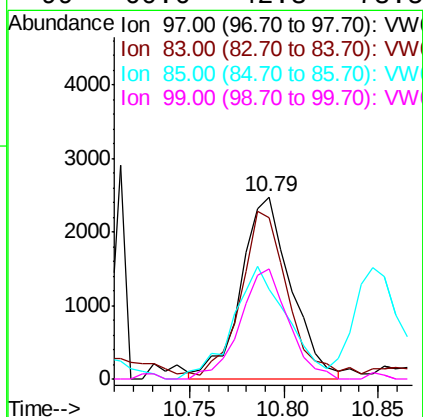
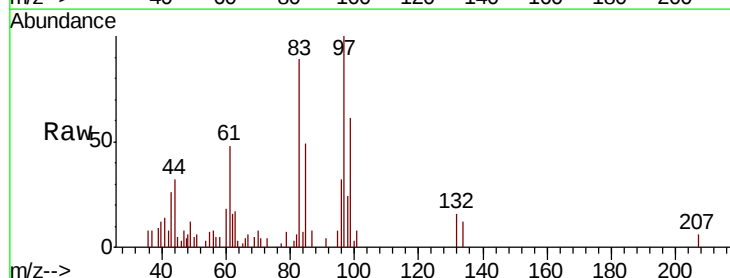
Ion Ratio Lower Upper

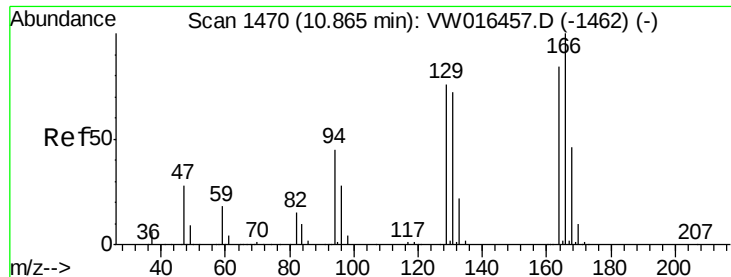
97 100

83 88.5 59.7 110.9

85 49.0 37.6 69.8

99 60.6 42.3 78.5

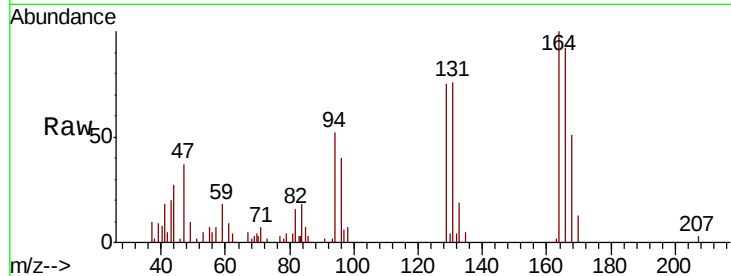




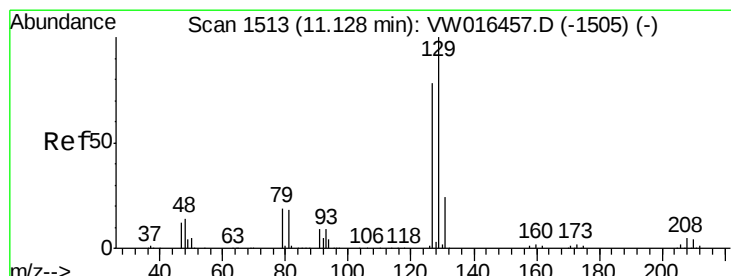
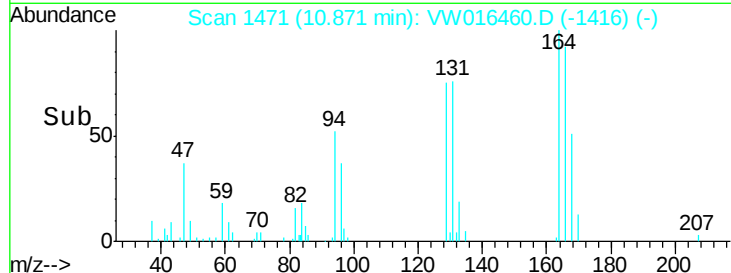
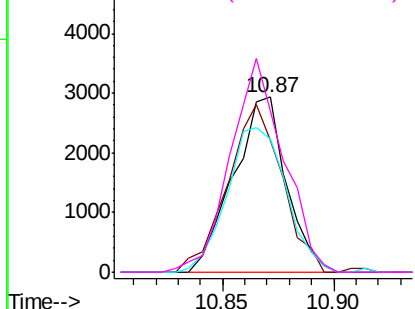
#47
Tetrachloroethene
Concen: 0.583 ug/L
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

Instrument :
MSVOA_W
ClientSampleId :
MDL02

Tot Ion:164 Resp: 4847
Ion Ratio Lower Upper
164 100
129 75.4 65.7 121.9
131 76.3 61.1 113.5
166 92.2 85.0 157.8

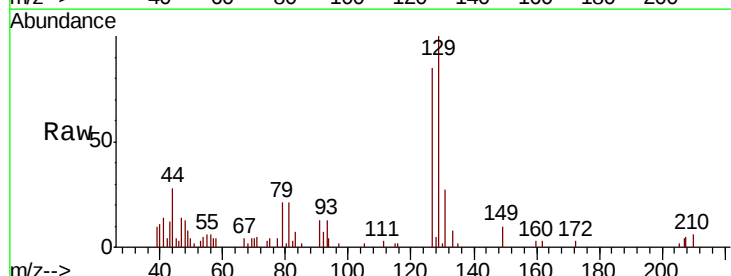


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

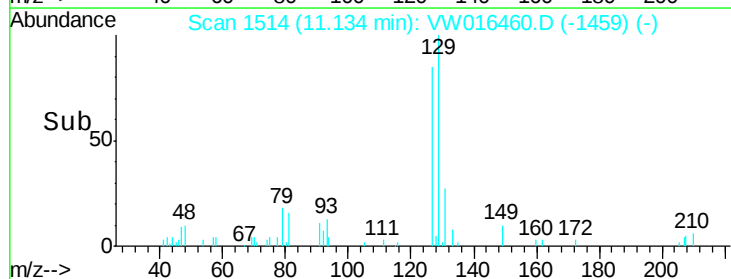
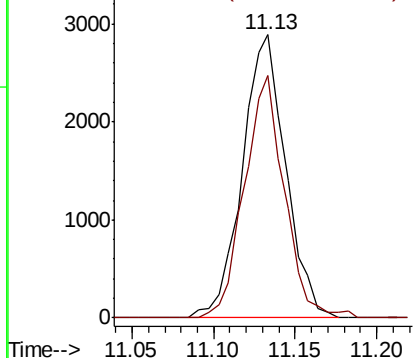


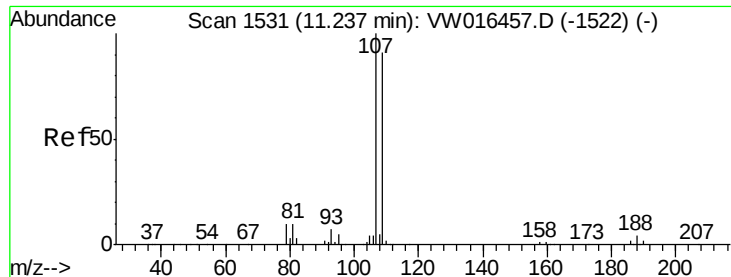
#50
Dibromochloromethane
Concen: 0.575 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

Tgt Ion:129 Resp: 5335
Ion Ratio Lower Upper
129 100
127 85.4 55.4 103.0



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

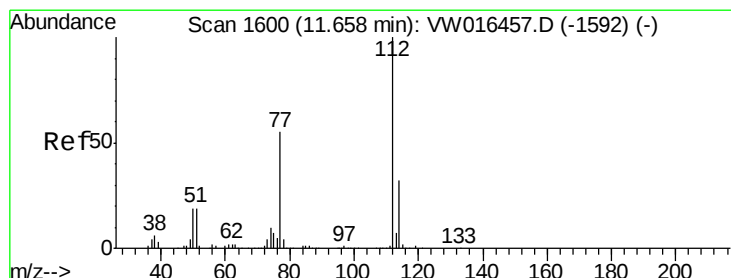
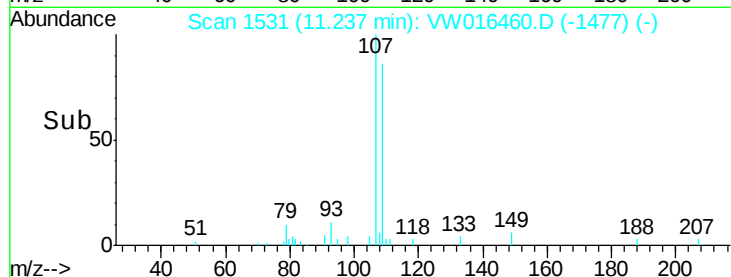
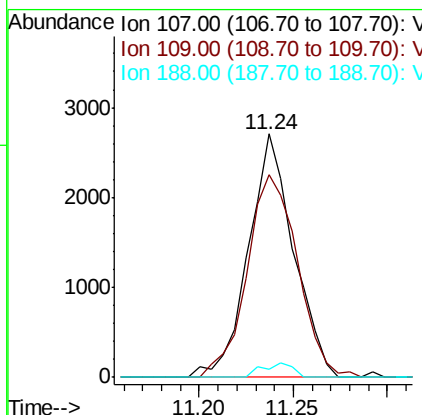
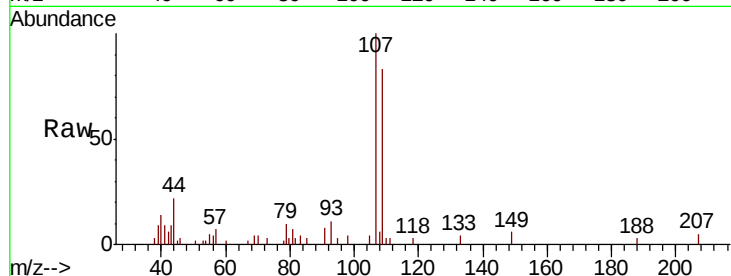




#51
 1,2-Dibromoethane
 Concen: 0.613 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

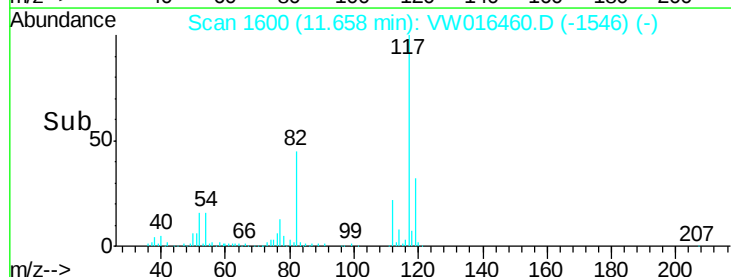
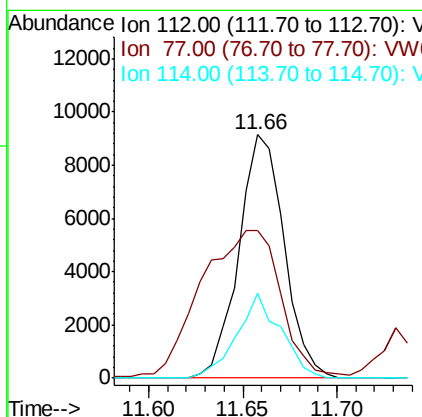
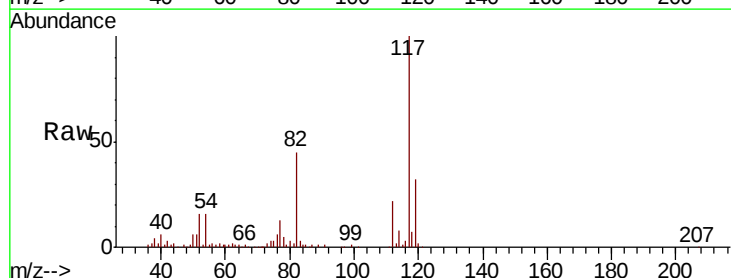
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

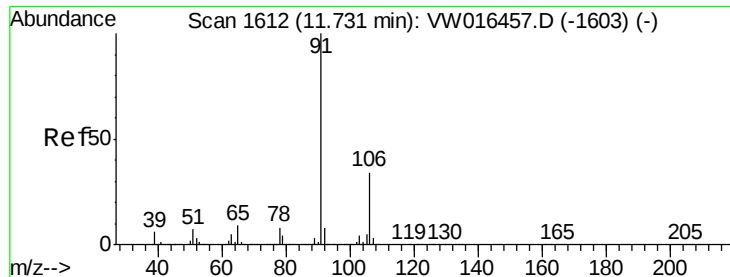
Tot Ion:107 Resp: 4497
 Ion Ratio Lower Upper
 107 100
 109 83.5 64.8 120.4
 188 3.1 3.4 5.0#



#52
 Chlorobenzene
 Concen: 0.574 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Tgt Ion:112 Resp: 15249
 Ion Ratio Lower Upper
 112 100
 77 60.9 46.2 69.2
 114 35.1 21.1 39.3

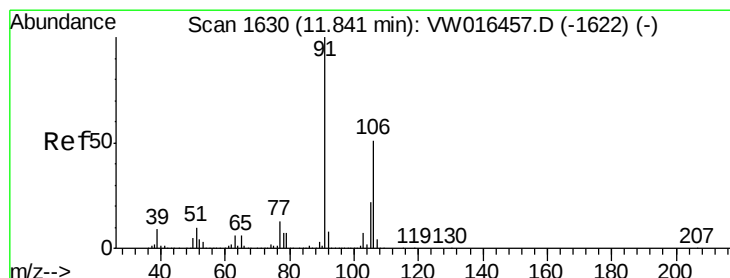
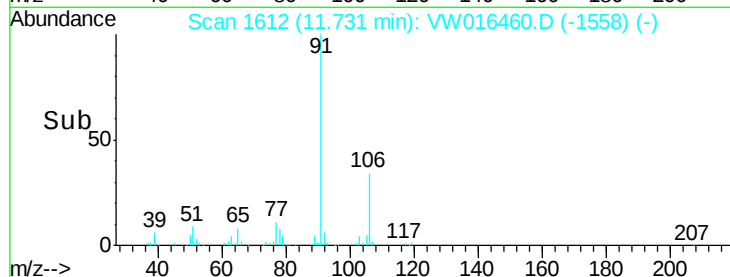
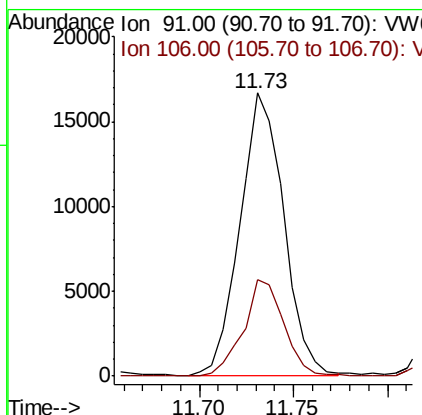
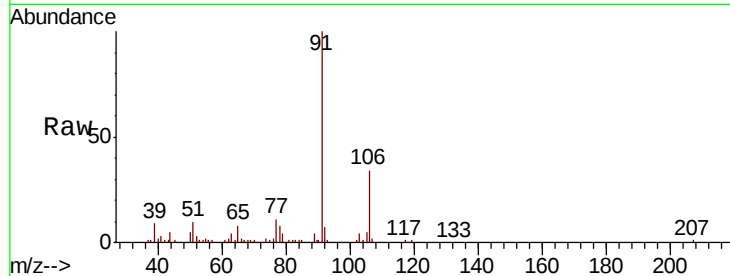




#53
Ethylbenzene
Concen: 0.570 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

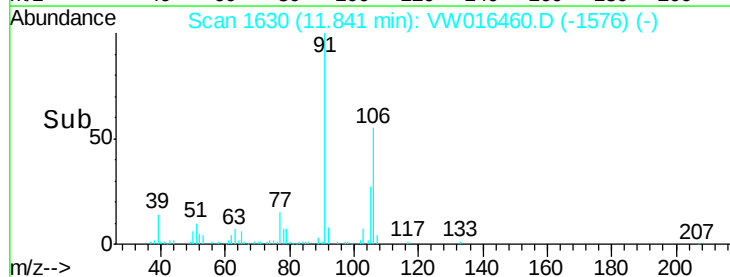
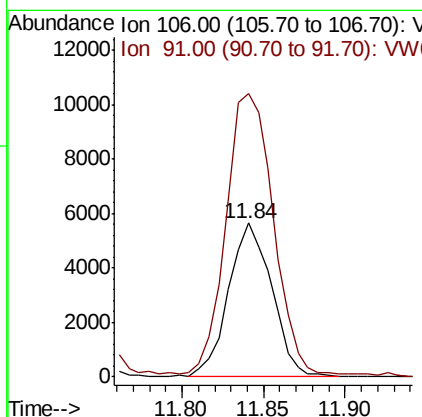
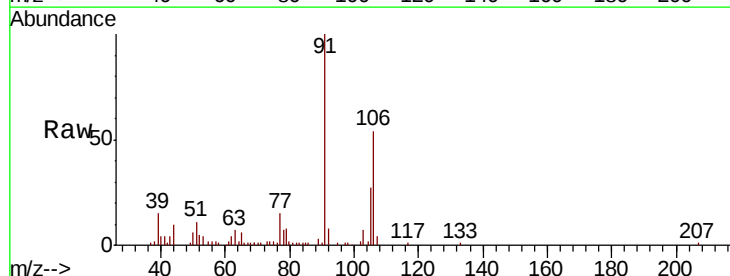
Instrument :
MSVOA_W
ClientSampleId :
MDL02

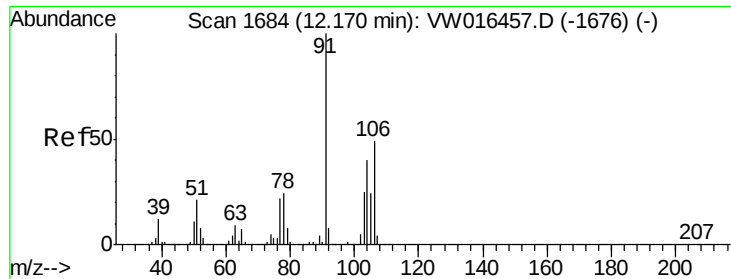
Tot Ion: 91 Resp: 26886
Ion Ratio Lower Upper
91 100
106 34.2 21.6 40.2



#54
m,p-Xylene
Concen: 0.579 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

Tgt Ion: 106 Resp: 10436
Ion Ratio Lower Upper
106 100
91 184.0 142.3 264.3

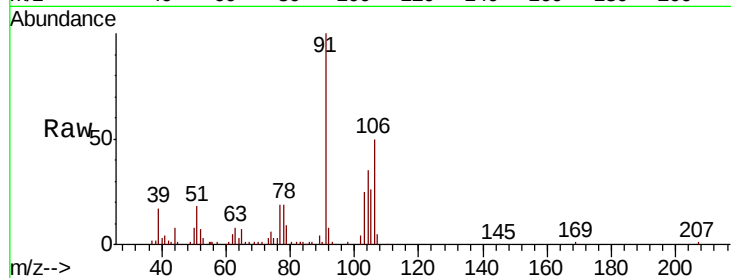




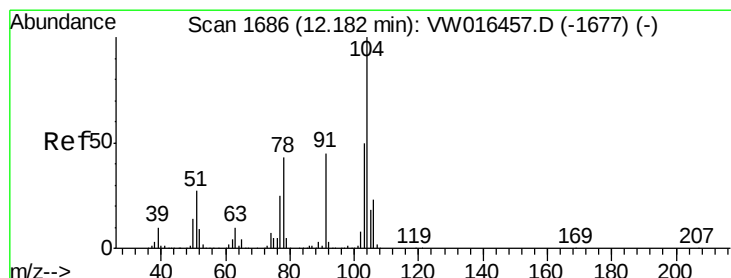
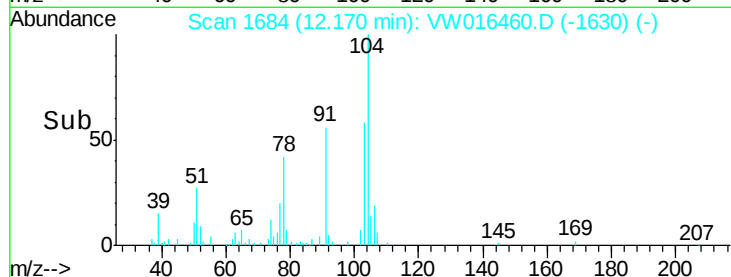
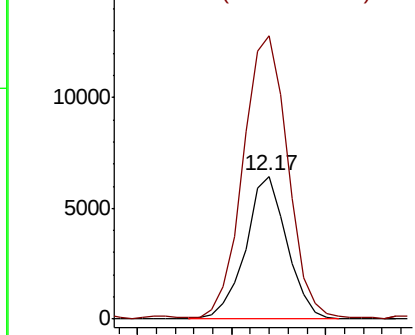
#55
o-xylene
Concen: 0.571 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

Instrument :
MSVOA_W
ClientSampled :
MDL02

Tot Ion:106 Resp: 9812
Ion Ratio Lower Upper
106 100
91 198.4 144.3 267.9

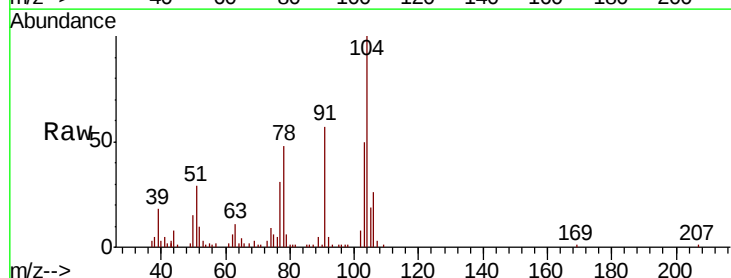


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

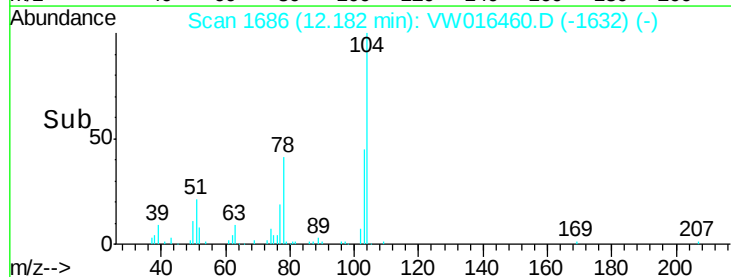
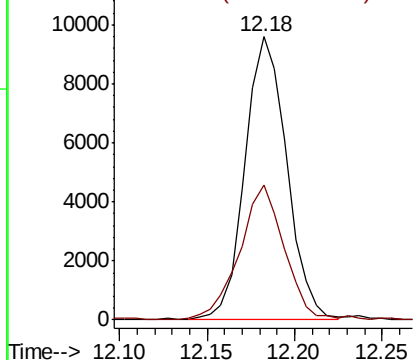


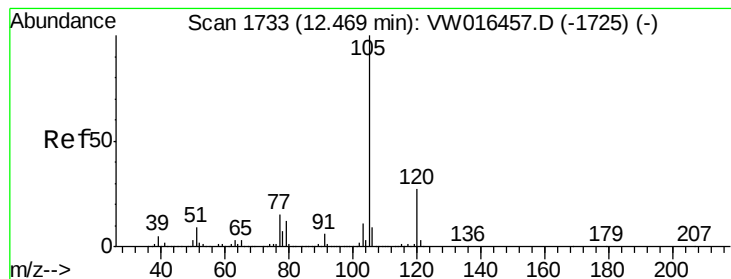
#56
Styrene
Concen: 0.541 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016460.D
Acq: 04 Sep 2020 12:31

Tgt Ion:104 Resp: 15954
Ion Ratio Lower Upper
104 100
78 47.7 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: 0.598 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

MDL02

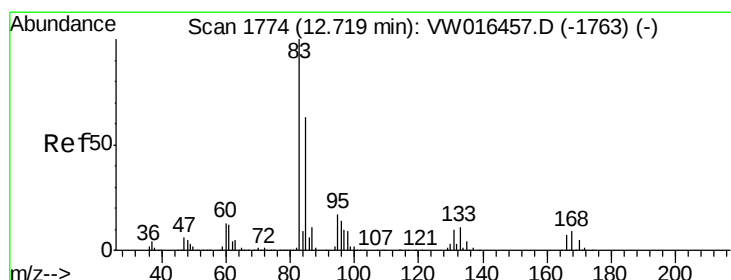
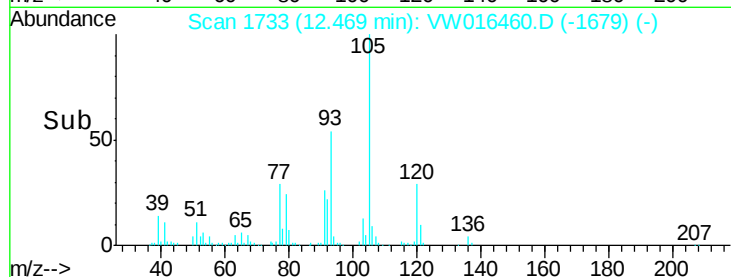
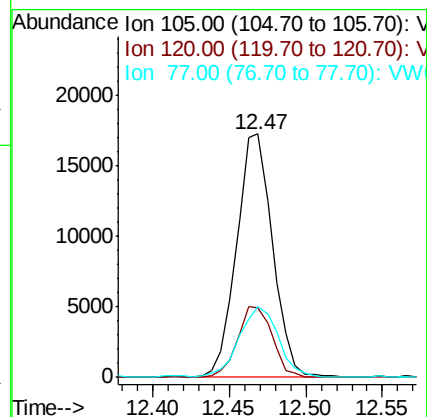
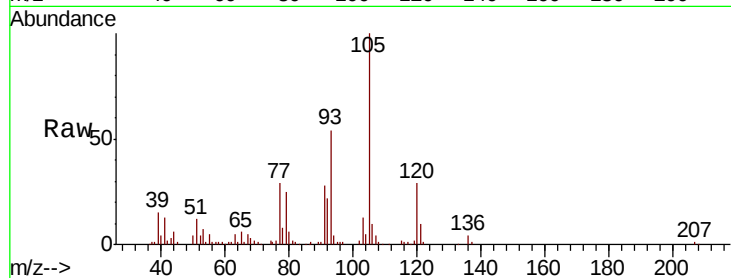
Tot Ion:105 Resp: 28130

Ion Ratio Lower Upper

105 100

120 27.9 21.9 32.9

77 31.9 13.0 19.6#



#58

1,1,2,2-Tetrachloroethane

Concen: 0.711 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016460.D

Acq: 04 Sep 2020 12:31

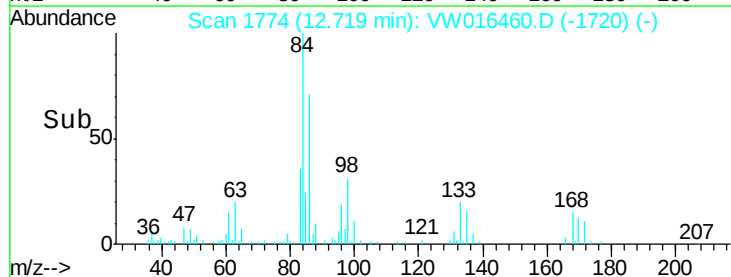
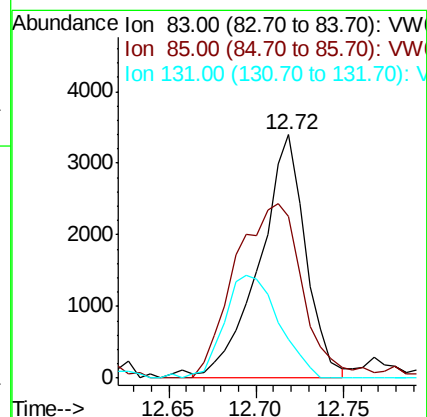
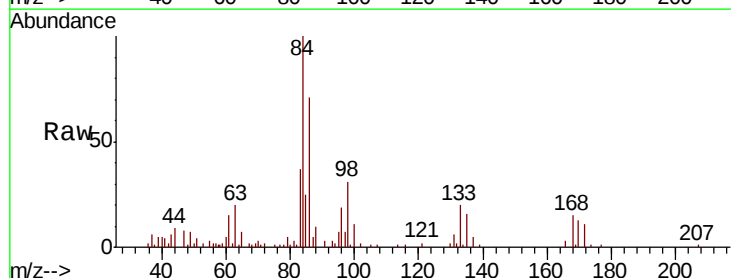
Tgt Ion: 83 Resp: 6216

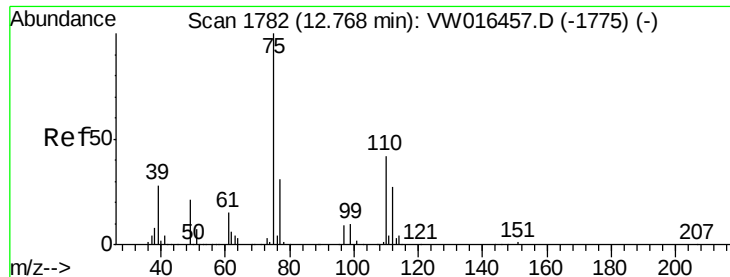
Ion Ratio Lower Upper

83 100

85 66.5 45.3 84.1

131 16.0 8.7 13.1#

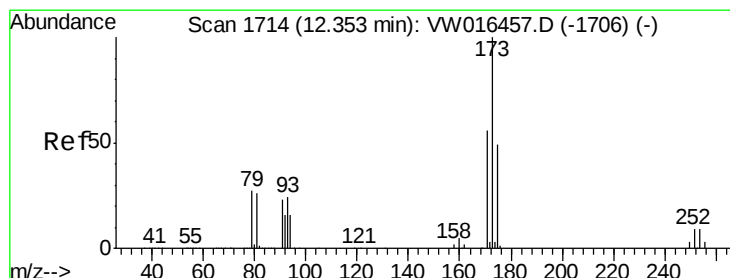
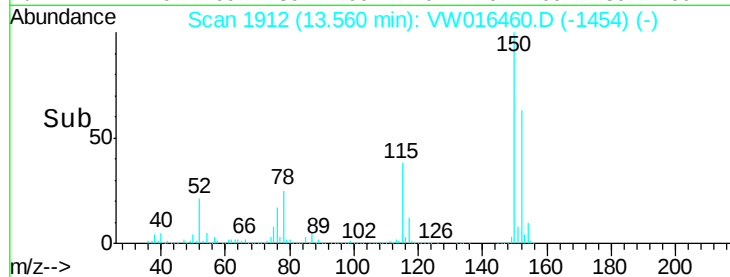
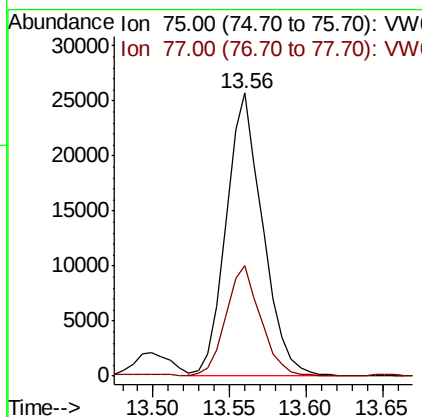
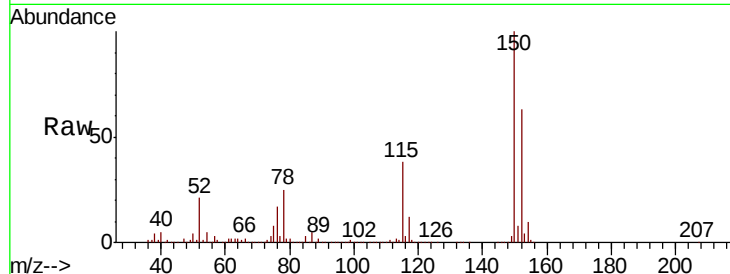




#59
 1,2,3-Trichloropropane
 Concen: 6.532 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

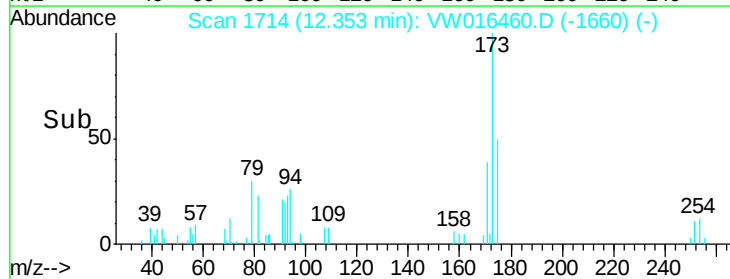
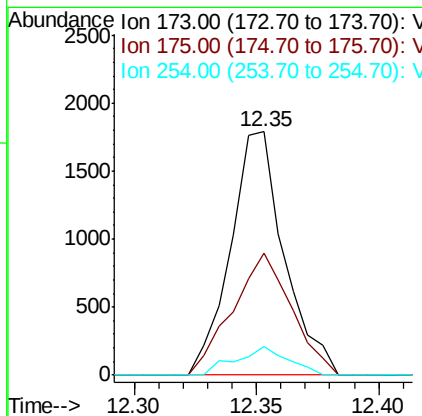
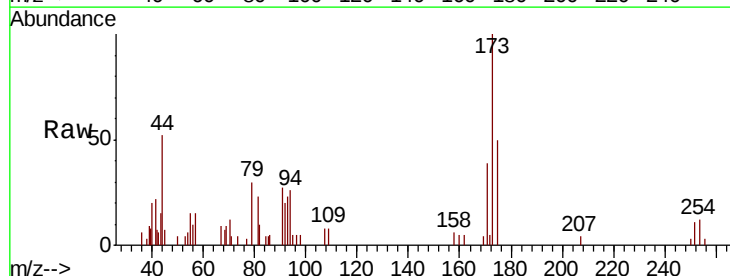
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

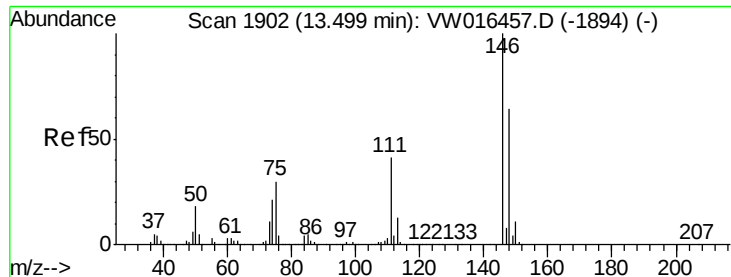
Tot Ion: 75 Resp: 42692
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.0 39.0



#62
 Bromoform
 Concen: 0.489 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Tgt Ion:173 Resp: 2742
 Ion Ratio Lower Upper
 173 100
 175 55.0 39.2 58.8
 254 11.4 5.8 8.6#

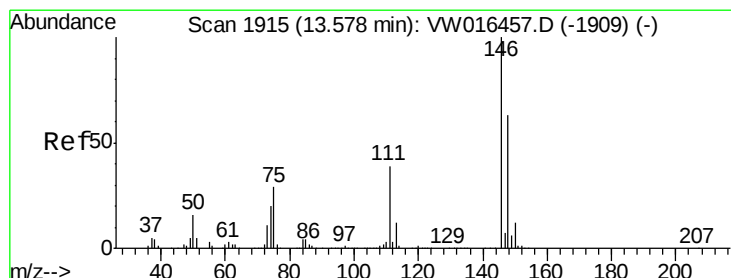
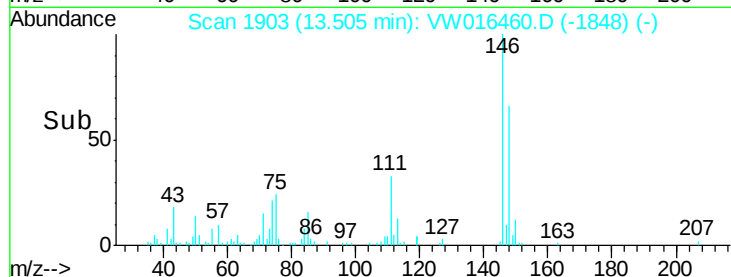
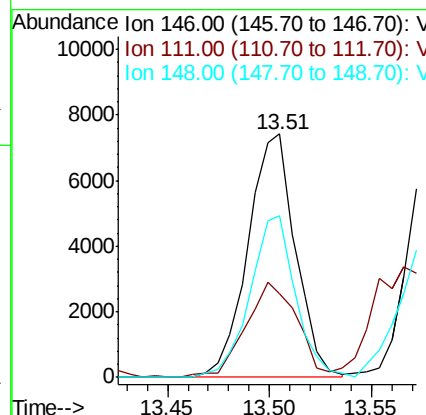
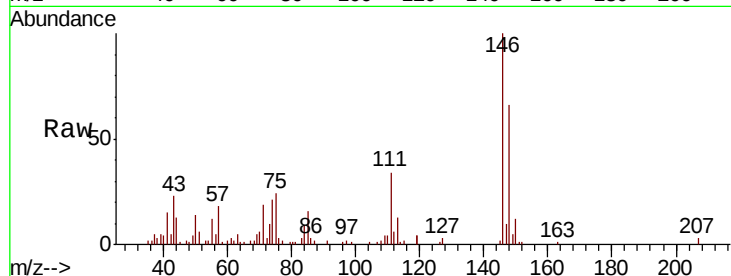




#63
 1,3-Dichlorobenzene
 Concen: 0.571 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

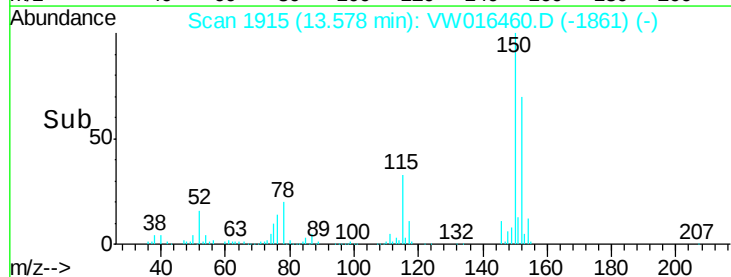
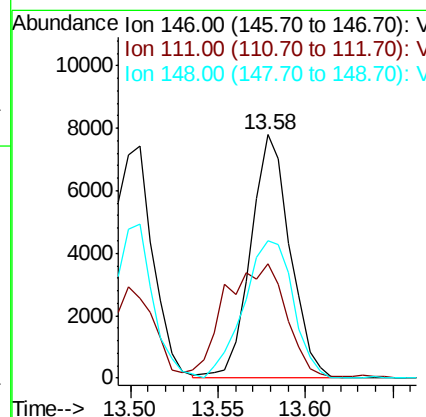
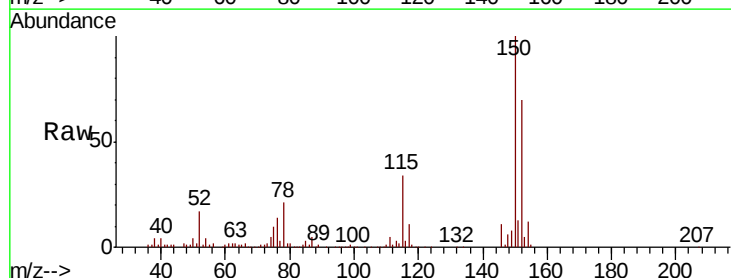
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

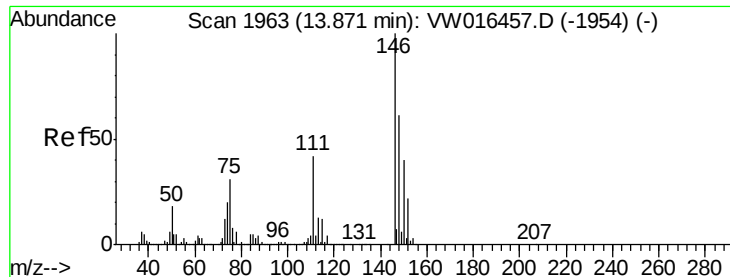
Tot Ion:146 Resp: 11997
 Ion Ratio Lower Upper
 146 100
 111 34.3 26.5 49.3
 148 66.2 41.3 76.7



#64
 1,4-Dichlorobenzene
 Concen: 0.589 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Tgt Ion:146 Resp: 12274
 Ion Ratio Lower Upper
 146 100
 111 46.7 26.4 49.0
 148 56.2 45.1 83.9

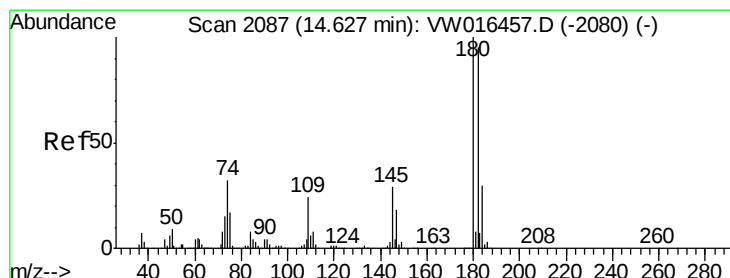
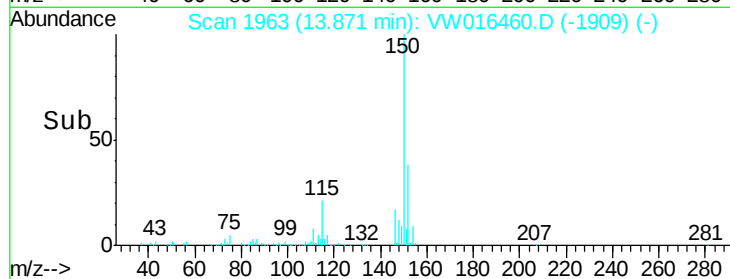
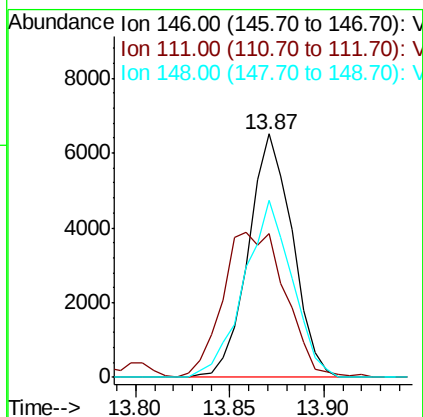
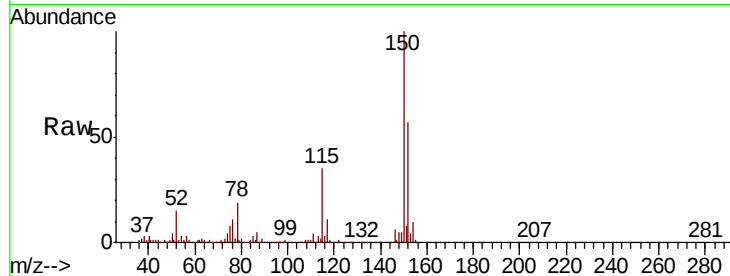




#65
 1,2-Dichlorobenzene
 Concen: 0.565 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

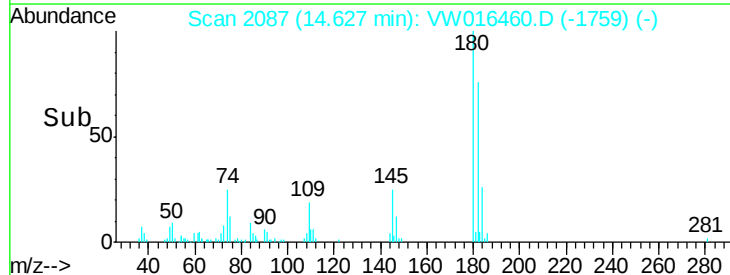
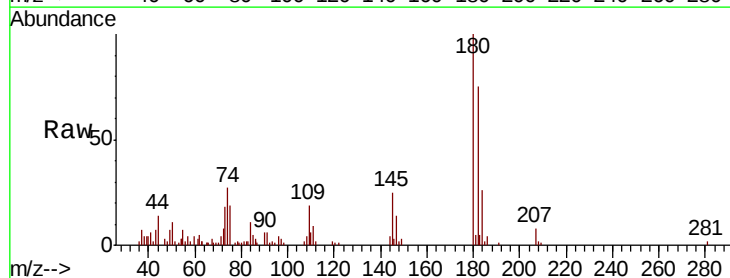
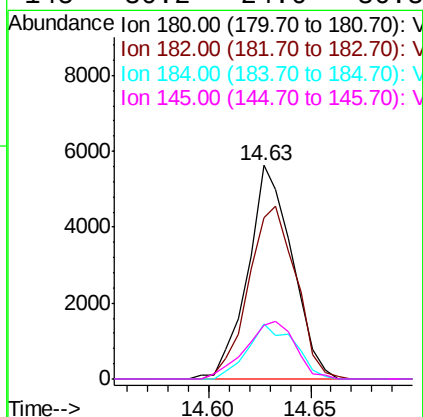
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

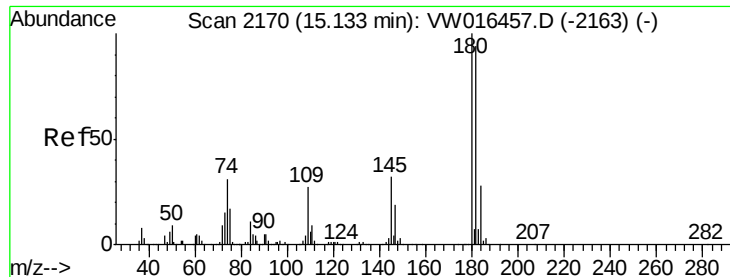
Tot Ion:146 Resp: 10553
 Ion Ratio Lower Upper
 146 100
 111 58.9 35.3 52.9#
 148 73.0 49.8 74.8



#67
 1,3,5-Trichlorobenzene
 Concen: 0.588 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Tgt Ion:180 Resp: 8519
 Ion Ratio Lower Upper
 180 100
 182 86.3 75.8 113.8
 184 27.2 24.2 36.2
 145 30.2 24.6 36.8

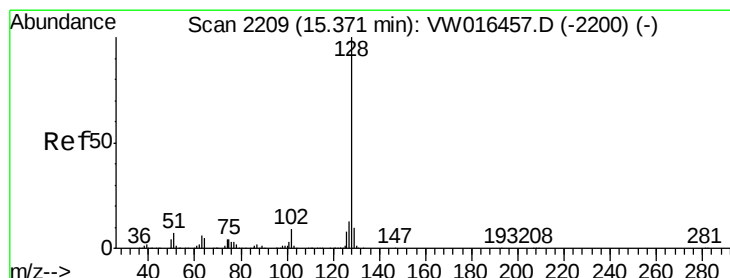
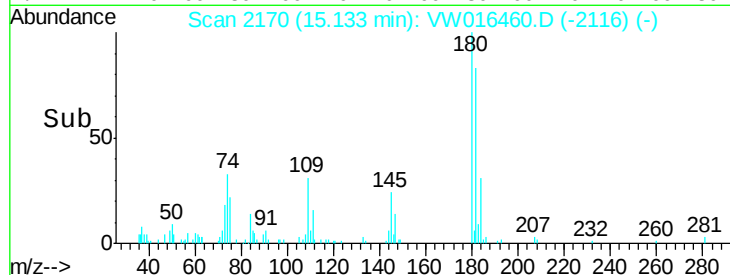
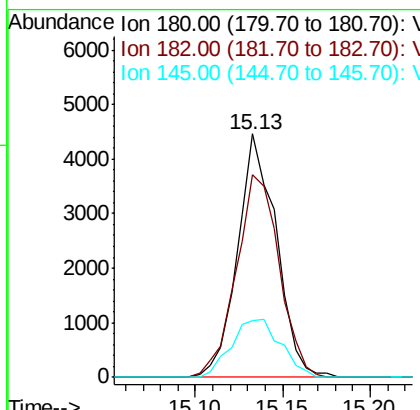
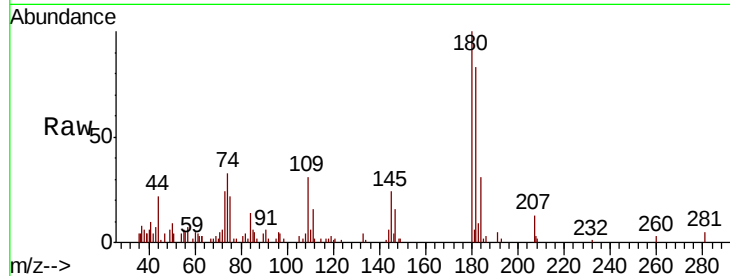




#68
 1,2,4-trichlorobenzene
 Concen: 0.548 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

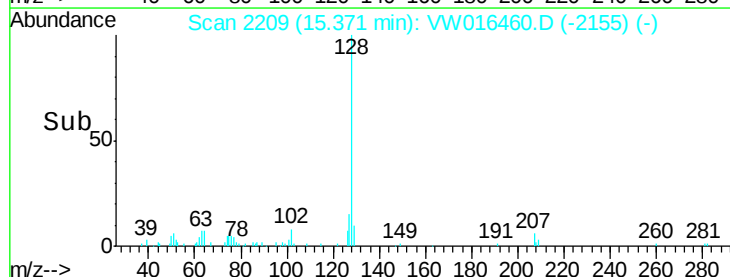
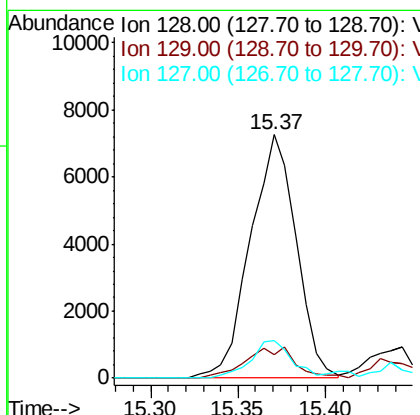
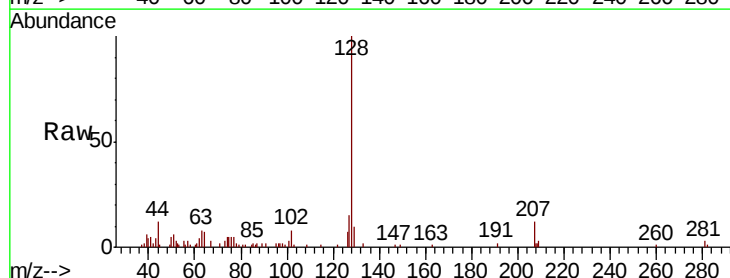
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

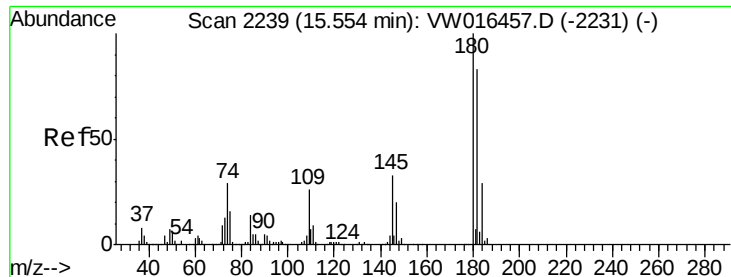
Tot Ion	180	Resp	6875
Ion Ratio	100	Lower	Upper
182	92.0	78.5	117.7
145	30.5	25.6	38.4



#69
 Naphthalene
 Concen: 0.500 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Tgt Ion	128	Resp	13230
Ion Ratio	100	Lower	Upper
129	8.8	8.7	13.1
127	13.7	10.5	15.7

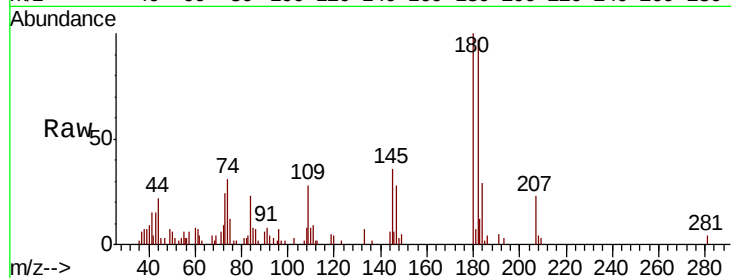




#70
 1,2,3-Trichlorobenzene
 Concen: 0.514 ug/L
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: VW016460.D
 Acq: 04 Sep 2020 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	38.6	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

