

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016465.D
 Acq On : 04 Sep 2020 15:36
 Operator : SY/VA
 Sample : MDL07
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Quant Time: Sep 08 01:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 08 00:55:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	692121	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	615860	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	286304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	155980	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
7) Chloroethane-d5	2.90	69	145724	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
10) 1,1-Dichloroethene-d2	4.03	63	257784	15.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.08%
20) 2-Butanone-d5	7.08	46	106041	40.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.86%
24) Chloroform-d	7.65	84	351036	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	8.31	65	194920	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	8.28	84	705102	22.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.08%
33) 1,2-Dichloropropane-d6	9.28	67	201650	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.68%
37) Toluene-d8	10.33	98	682458	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	99365	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
39) 2-Hexanone-d5	10.93	63	83735	44.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	178228	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	241696	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	3112	0.402 ug/L	89
3) Chloromethane	2.22	50	4356	0.641 ug/L	98
5) Vinyl chloride	2.37	62	6641	0.767 ug/L #	50
6) Bromomethane	2.79	94	3703	0.572 ug/L	70
9) Trichlorofluoromethane	3.28	101	3942	0.556 ug/L #	57
12) 1,1-Dichloroethene	4.05	96	7792	0.914 ug/L #	1
14) Carbon disulfide	4.39	76	15793	0.606 ug/L	97
16) Methylene chloride	4.92	84	21798	2.018 ug/L	84
18) trans-1,2-Dichloroethene	5.43	96	5636	0.622 ug/L	94
19) 1,1-Dichloroethane	6.23	63	8762	0.568 ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	6137	0.650 ug/L	94
23) Bromochloromethane	7.53	128	2526	0.577 ug/L #	68
27) 1,2-Dichloroethane	8.40	62	6800	0.640 ug/L #	91
30) Cyclohexane	7.96	56	9476	0.644 ug/L #	94
31) 1,1,1-Trichloroethane	7.88	97	8725	0.654 ug/L	98
32) Carbon tetrachloride	8.07	117	8066	0.632 ug/L	97
34) Benzene	8.33	78	20769	0.617 ug/L	100

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 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

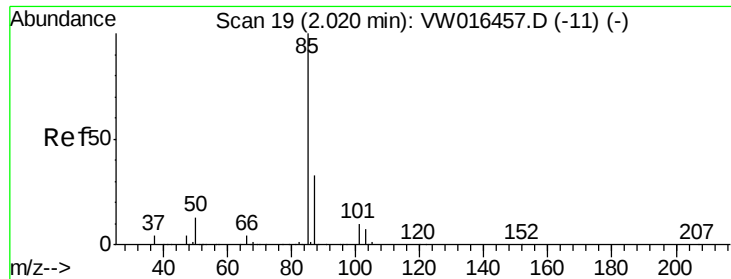
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Quant Time: Sep 08 01:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 08 00:55:12 2020
 Response via : Initial Calibration

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

35) Trichloroethene	9.09	95	5931	0.636	ug/L	95
36) Methylcyclohexane	9.34	83	9808	0.601	ug/L	95
40) 1,2-Dichloropropane	9.37	63	5058	0.608	ug/L #	93
41) Bromodichloromethane	9.65	83	7074	0.608	ug/L	80
42) cis-1,3-Dichloropropene	10.08	75	8130	0.575	ug/L	91
44) Toluene	10.39	91	24691	0.655	ug/L	91
45) trans-1,3-Dichloropropene	10.61	75	7421	0.588	ug/L	92
46) 1,1,2-Trichloroethane	10.79	97	4062	0.616	ug/L	82
47) Tetrachloroethene	10.87	164	4930	0.659	ug/L	92
50) Dibromochloromethane	11.13	129	4900	0.587	ug/L	88
51) 1,2-Dibromoethane	11.24	107	4069	0.617	ug/L	100
52) Chlorobenzene	11.66	112	15175	0.635	ug/L	99
53) Ethylbenzene	11.73	91	26331	0.620	ug/L	97
54) m,p-Xylene	11.85	106	10528	0.649	ug/L	93
55) o-xylene	12.17	106	9492	0.614	ug/L	97
56) Styrene	12.18	104	16174	0.609	ug/L	99
57) Isopropylbenzene	12.46	105	27707	0.655	ug/L #	84
58) 1,1,2,2-Tetrachloroethane	12.71	83	5383	0.684	ug/L #	82
59) 1,2,3-Trichloropropane	13.55	75	37338	6.351	ug/L	91
62) Bromoform	12.35	173	2649	0.551	ug/L #	93
63) 1,3-Dichlorobenzene	13.50	146	11755	0.652	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	11819	0.661	ug/L #	89
65) 1,2-Dichlorobenzene	13.87	146	10579	0.660	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.63	180	7114	0.573	ug/L	92
68) 1,2,4-trichlorobenzene	15.14	180	6308	0.587	ug/L	94
69) Naphthalene	15.37	128	11533	0.509	ug/L #	92
70) 1,2,3-Trichlorobenzene	15.56	180	5330	0.578	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 0.402 ug/L

RT: 2.03 min Scan# 20

Delta R.T. 0.01 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

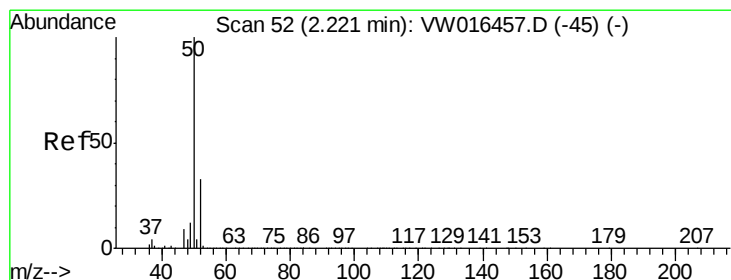
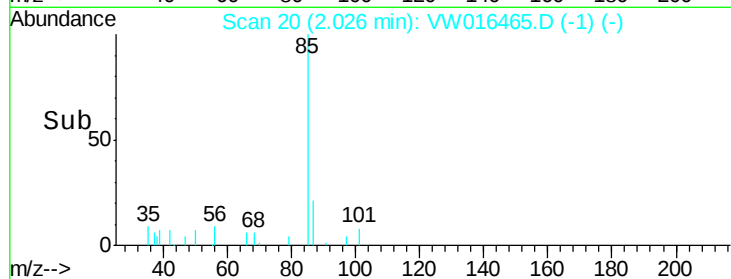
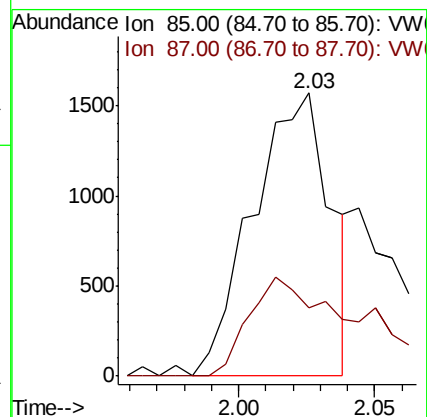
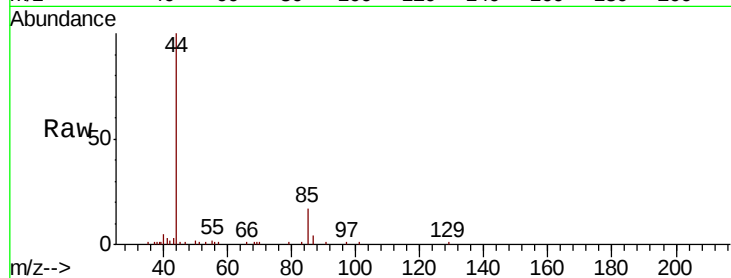
MDL07

Tot Ion: 85 Resp: 3112

Ion Ratio Lower Upper

85 100

87 37.8 22.3 41.5



#3

Chloromethane

Concen: 0.641 ug/L

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW016465.D

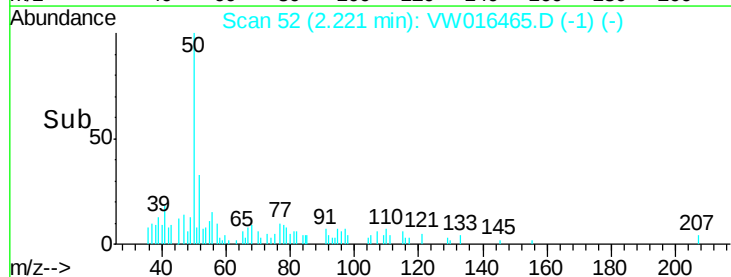
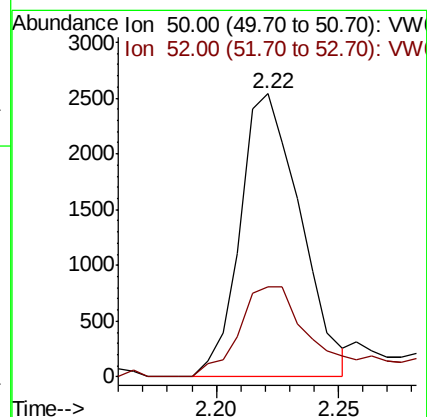
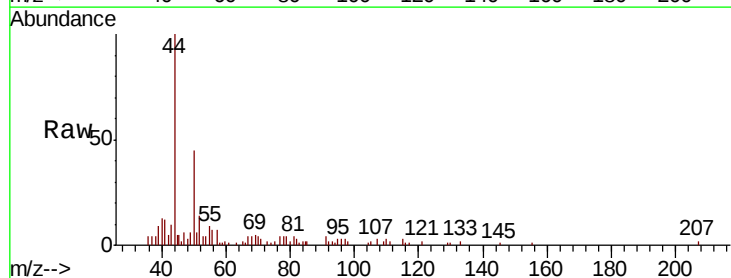
Acq: 04 Sep 2020 15:36

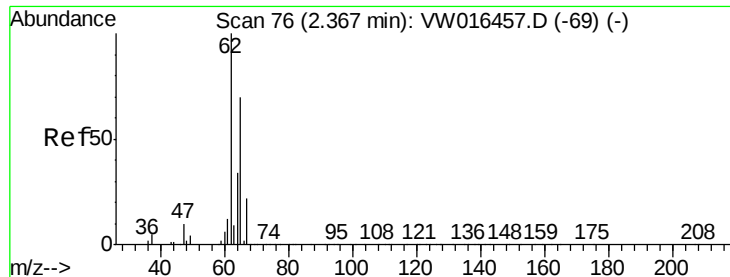
Tgt Ion: 50 Resp: 4356

Ion Ratio Lower Upper

50 100

52 31.7 23.0 42.6





#5

Vinyl chloride

Concen: 0.767 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

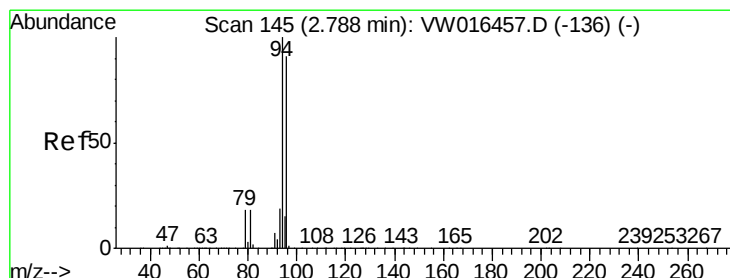
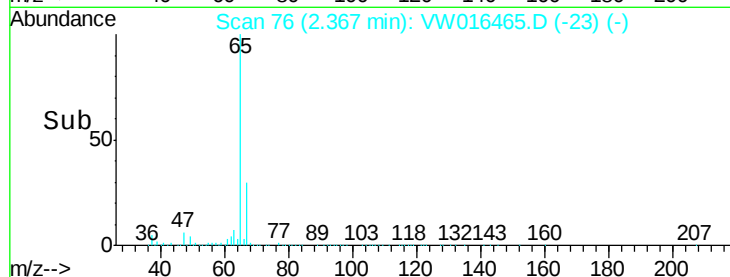
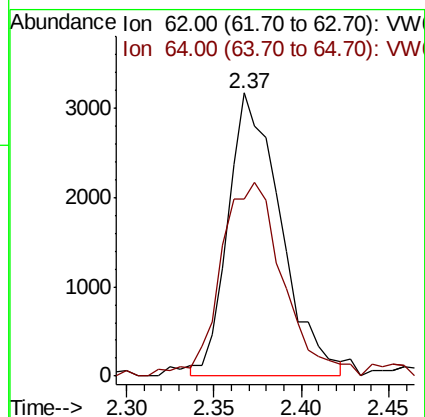
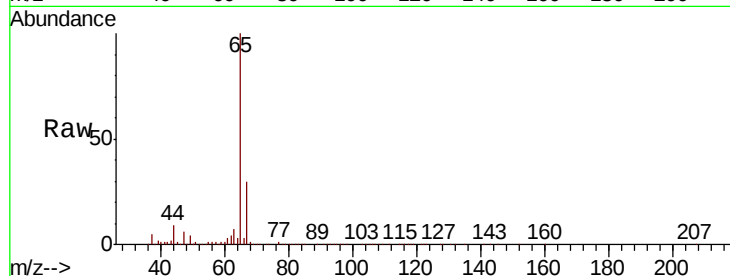
MDL07

Tot Ion: 62 Resp: 6641

Ion Ratio Lower Upper

62 100

64 62.7 23.9 44.5#



#6

Bromomethane

Concen: 0.572 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW016465.D

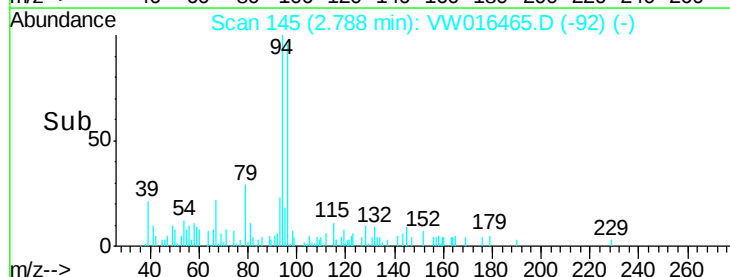
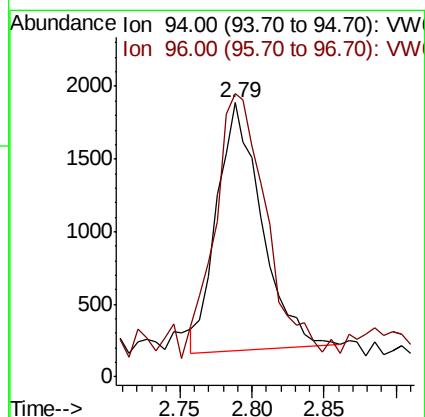
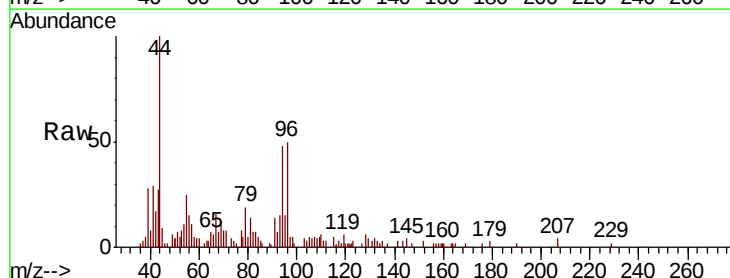
Acq: 04 Sep 2020 15:36

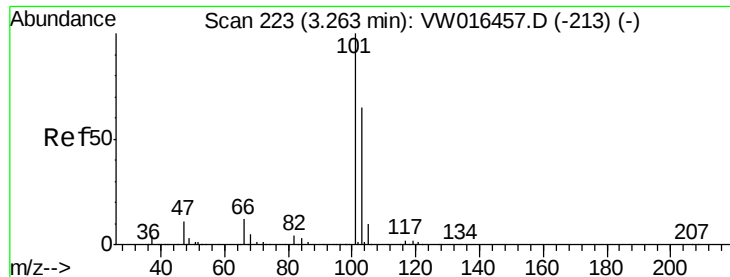
Tgt Ion: 94 Resp: 3703

Ion Ratio Lower Upper

94 100

96 123.0 9.4 178.2



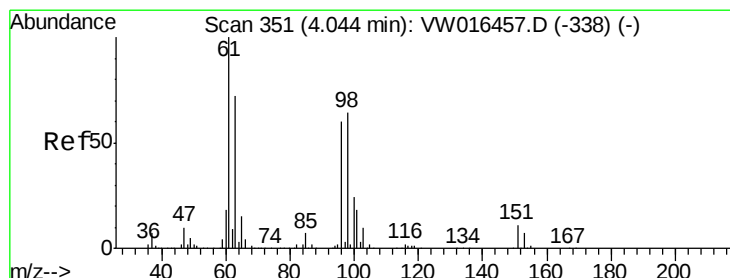
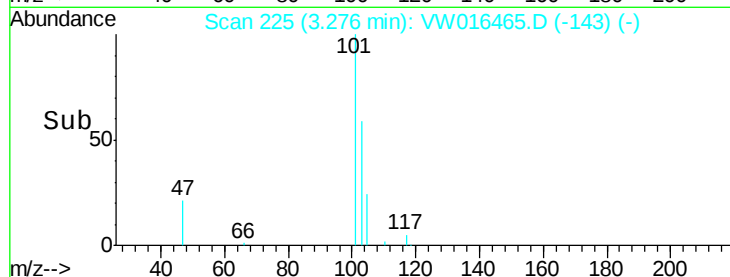
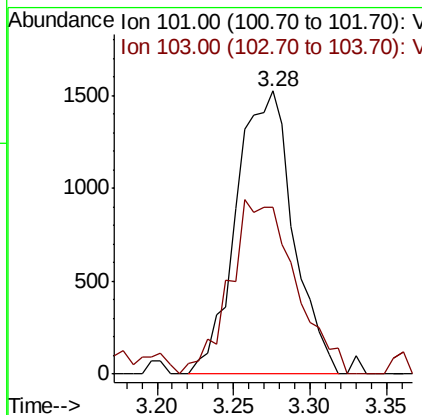
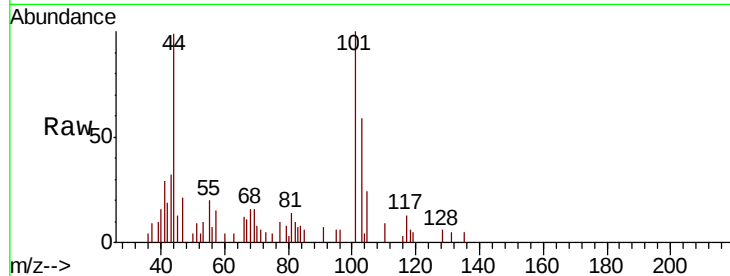


#9

Trichlorofluoromethane
 Concen: 0.556 ug/L
 RT: 3.28 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

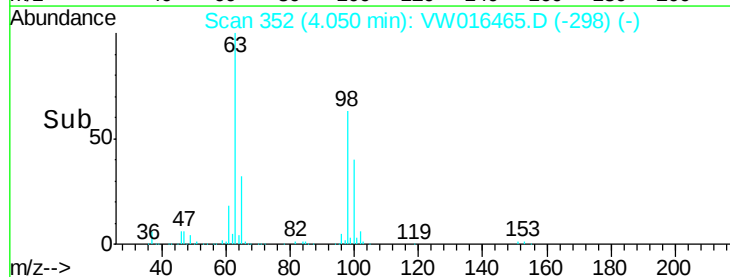
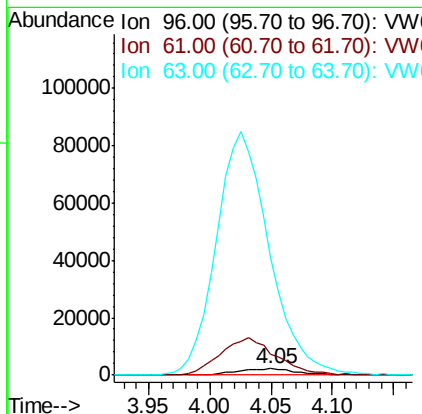
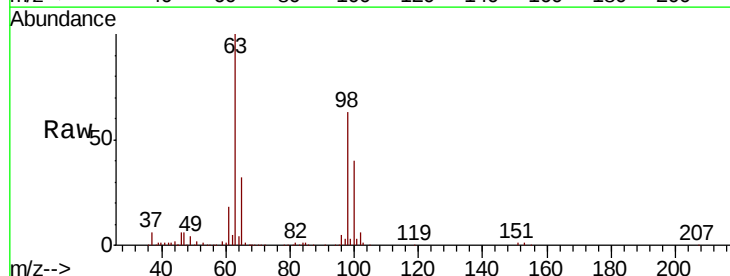
Tot Ion:101 Resp: 3942
 Ion Ratio Lower Upper
 101 100
 103 30.6 45.1 83.7#

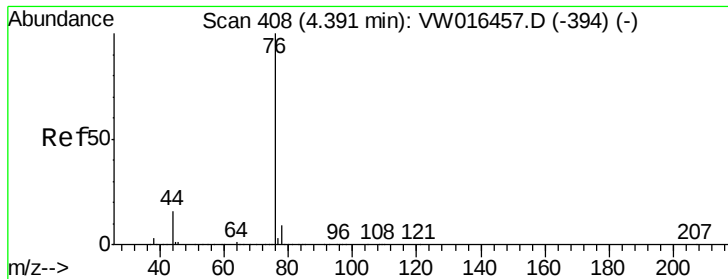


#12

1,1-Dichloroethene
 Concen: 0.914 ug/L
 RT: 4.05 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

Tgt Ion: 96 Resp: 7792
 Ion Ratio Lower Upper
 96 100
 61 332.4 116.5 216.3#
 63 1824.2 81.1 150.5#





#14

Carbon disulfide

Concen: 0.606 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampled :

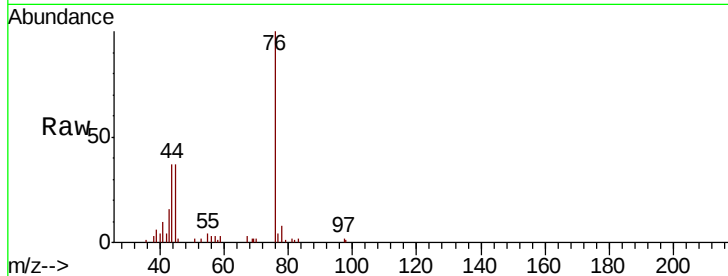
MDL07

Tot Ion: 76 Resp: 15793

Ion Ratio Lower Upper

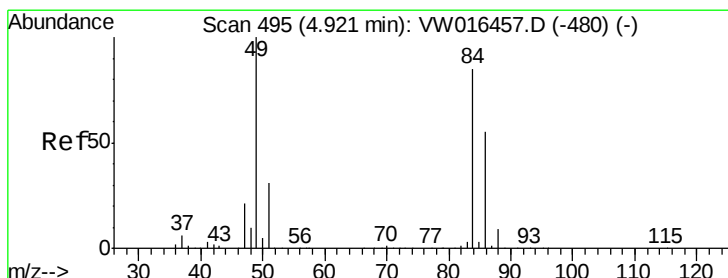
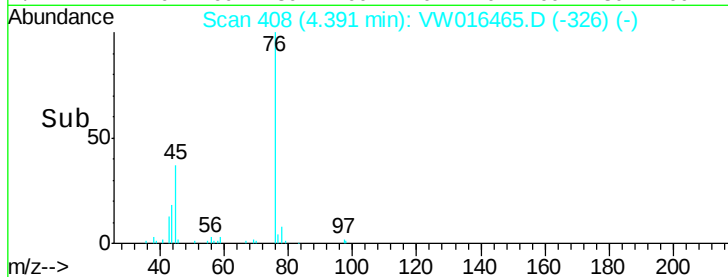
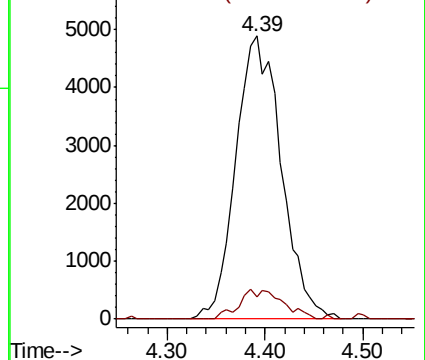
76 100

78 7.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 2.018 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

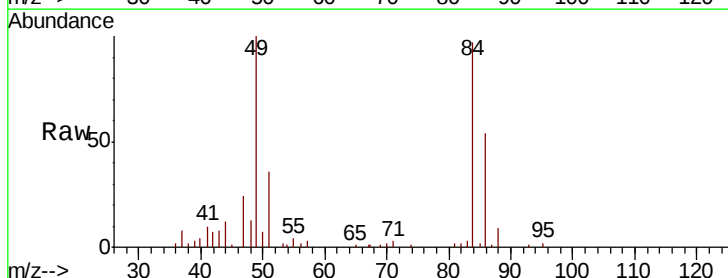
Tgt Ion: 84 Resp: 21798

Ion Ratio Lower Upper

84 100

49 102.7 86.7 160.9

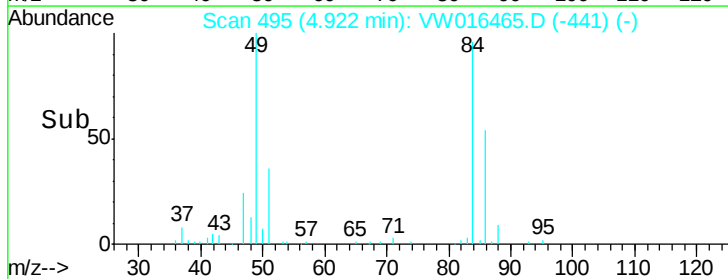
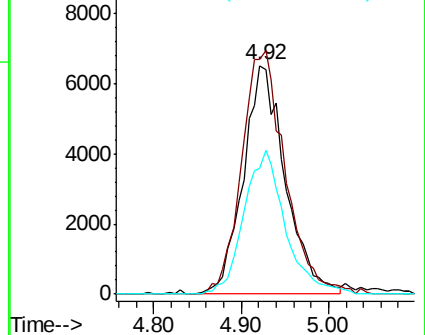
86 55.2 44.9 83.5

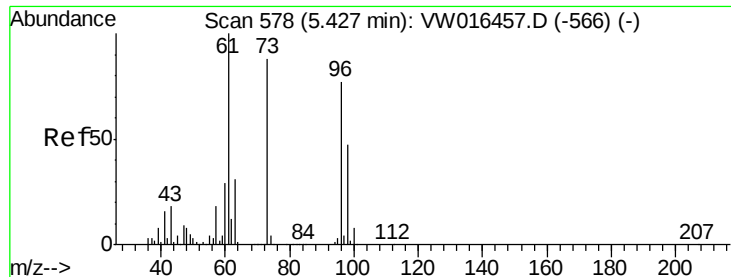


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#18

trans-1,2-Dichloroethene

Concen: 0.622 ug/L

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

MDL07

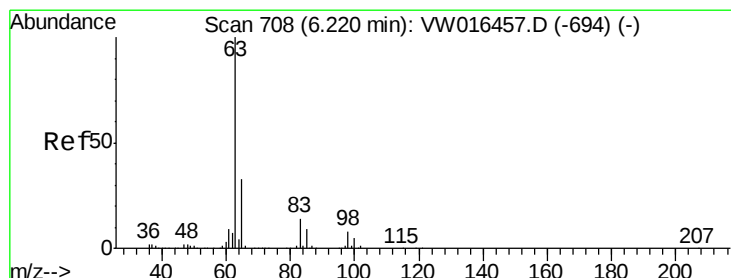
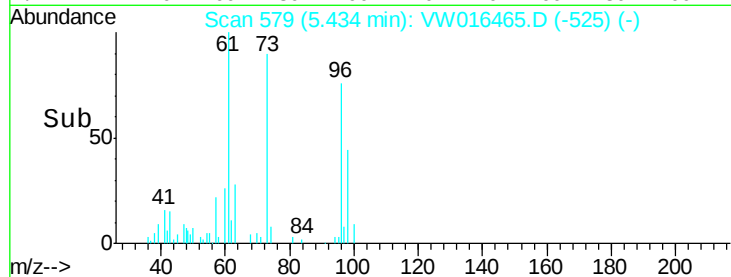
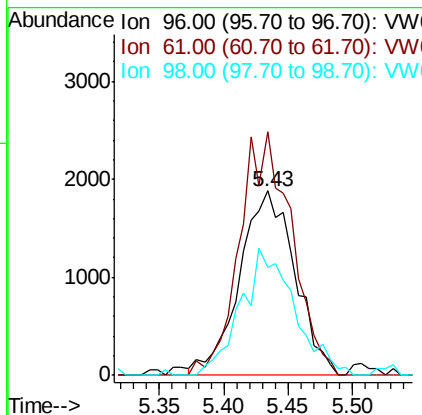
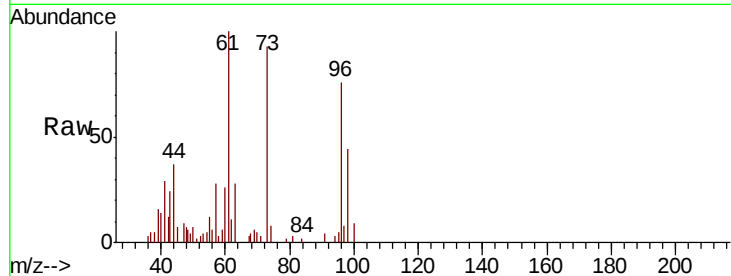
Tot Ion: 96 Resp: 5636

Ion Ratio Lower Upper

96 100

61 132.1 96.4 179.0

98 58.5 45.1 83.7



#19

1,1-Dichloroethane

Concen: 0.568 ug/L

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

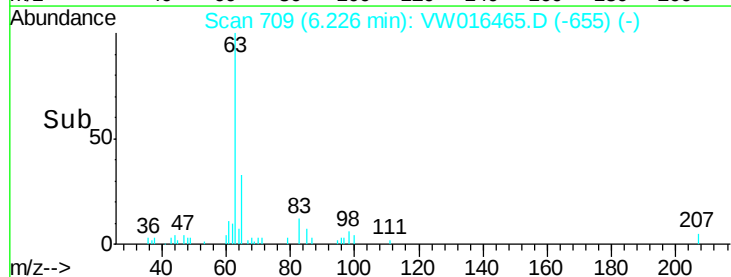
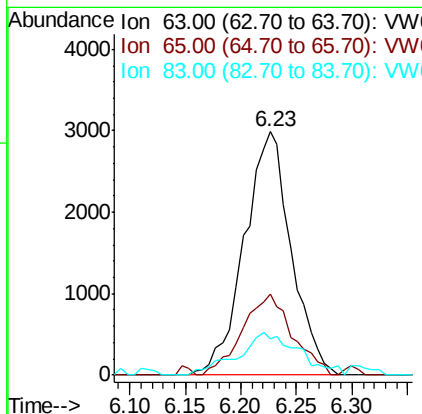
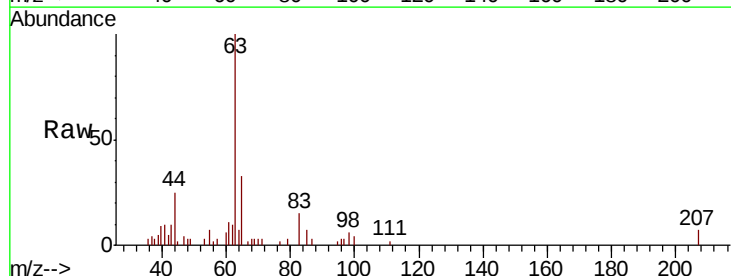
Tgt Ion: 63 Resp: 8762

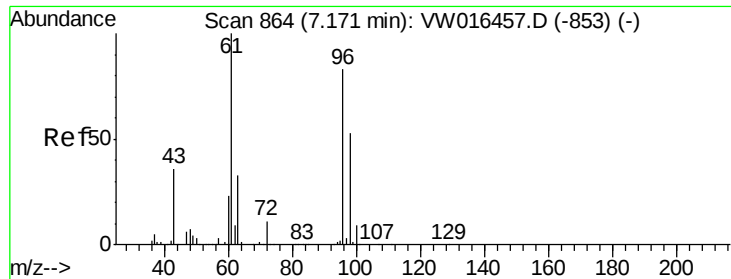
Ion Ratio Lower Upper

63 100

65 33.2 23.3 43.3

83 14.8 10.3 19.1

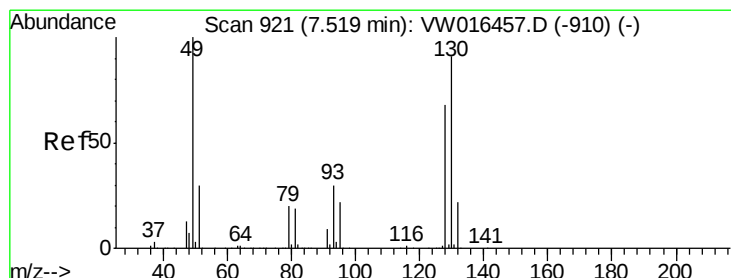
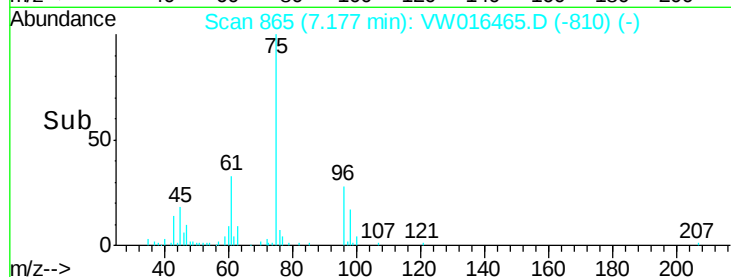
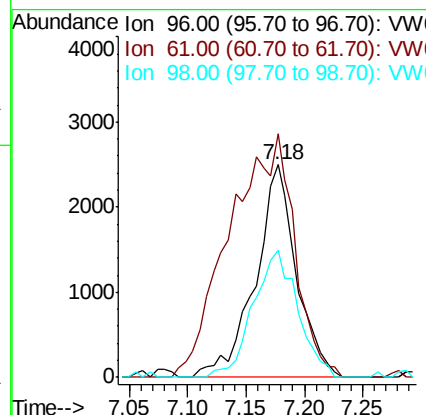
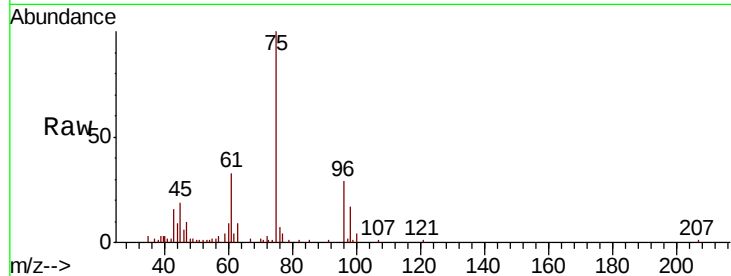




#22
 cis-1,2-Dichloroethene
 Concen: 0.650 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

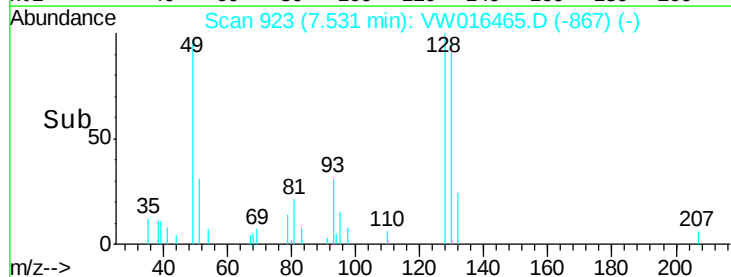
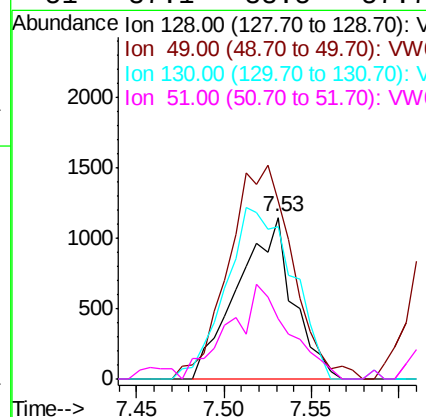
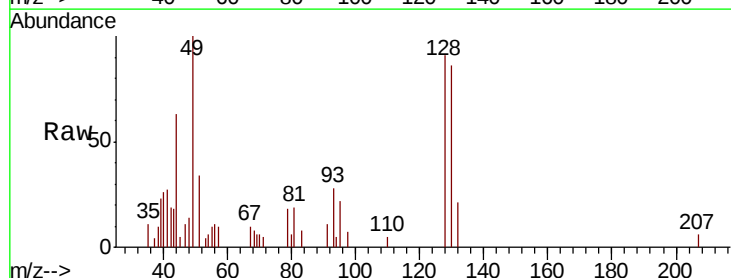
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

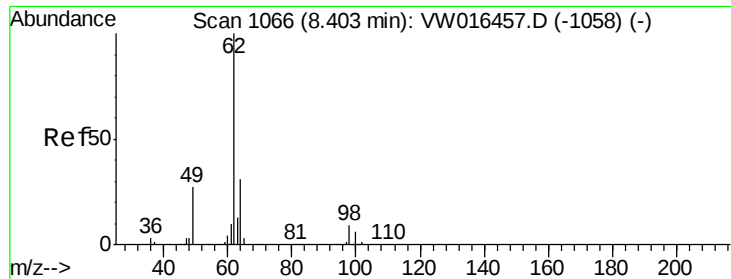
Tot Ion: 96 Resp: 6137
 Ion Ratio Lower Upper
 96 100
 61 114.6 86.1 159.9
 98 60.0 44.1 81.9



#23
 Bromochloromethane
 Concen: 0.577 ug/L
 RT: 7.53 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

Tgt Ion: 128 Resp: 2526
 Ion Ratio Lower Upper
 128 100
 49 110.5 111.6 207.4#
 130 94.7 90.9 168.7
 51 37.1 38.5 57.7#





#27

1,2-Dichloroethane

Concen: 0.640 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampled :

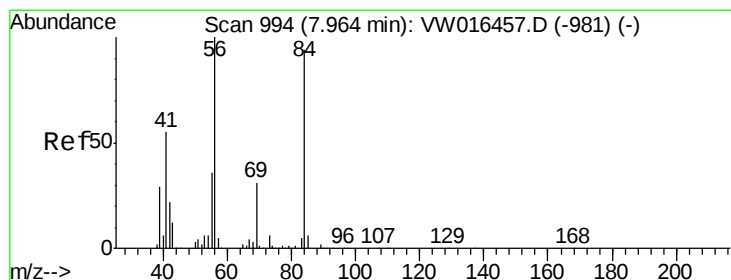
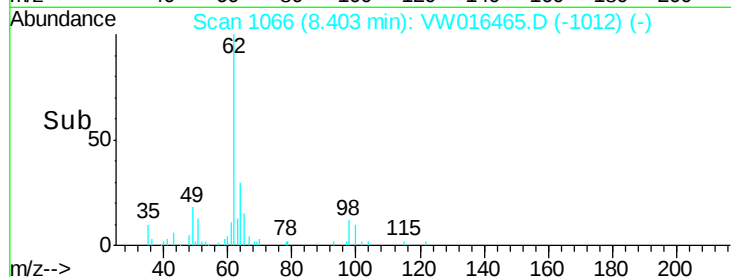
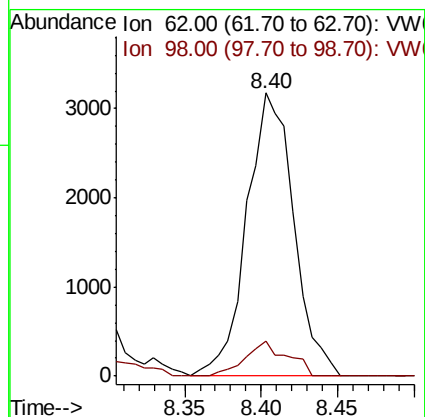
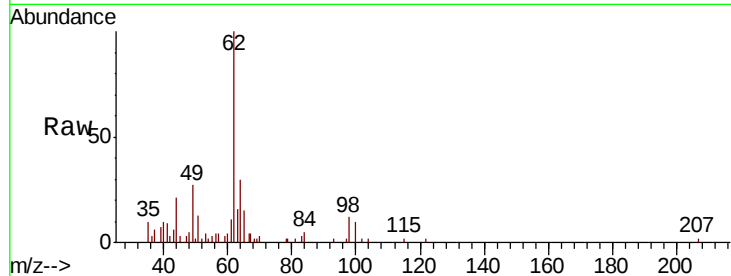
MDL07

Tot Ion: 62 Resp: 6800

Ion Ratio Lower Upper

62 100

98 12.3 7.3 10.9#



#30

Cyclohexane

Concen: 0.644 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

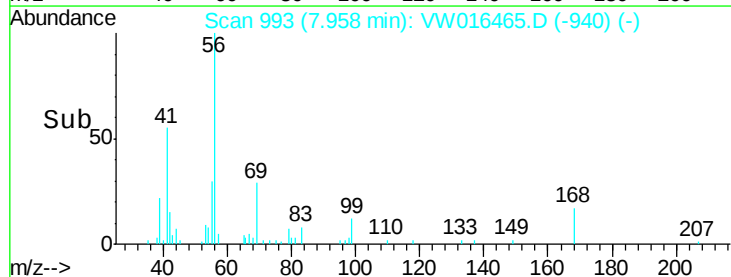
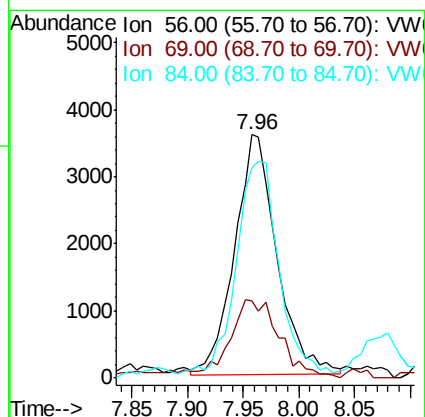
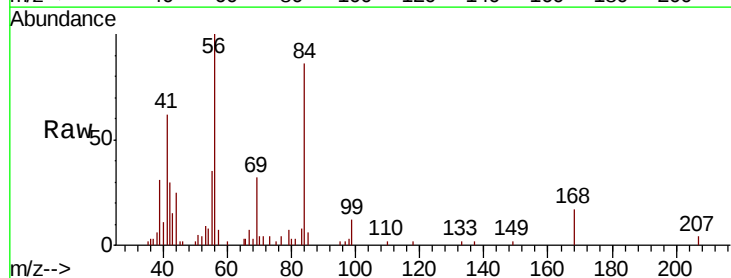
Tgt Ion: 56 Resp: 9476

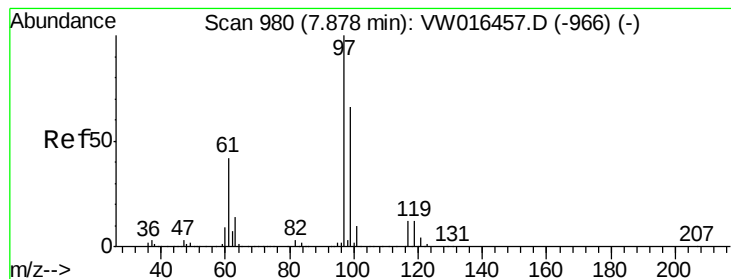
Ion Ratio Lower Upper

56 100

69 19.2 25.3 37.9#

84 89.1 71.6 107.4





#31

1,1,1-Trichloroethane

Concen: 0.654 ug/L

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

MDL07

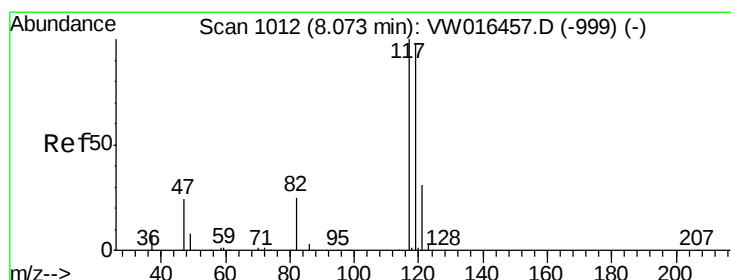
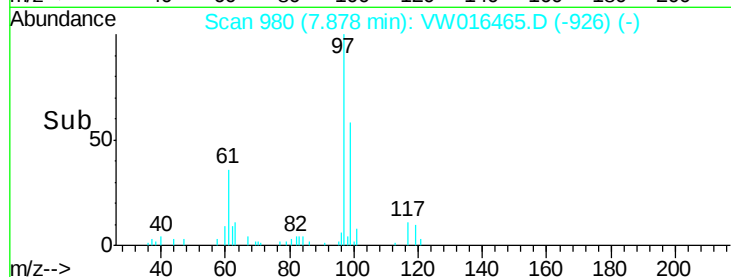
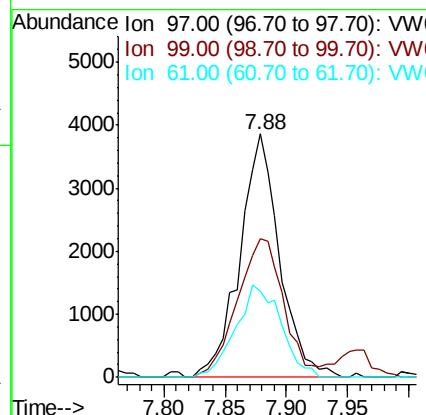
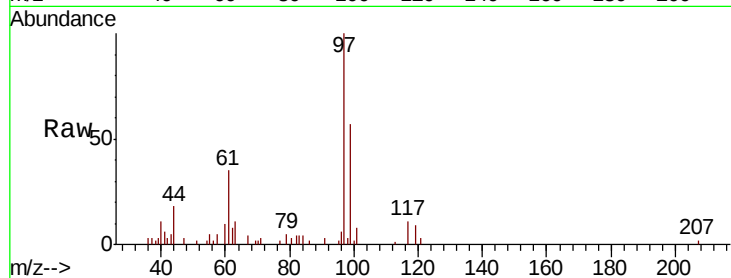
Tot Ion: 97 Resp: 8725

Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.2

61 43.1 36.3 54.5



#32

Carbon tetrachloride

Concen: 0.632 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW016465.D

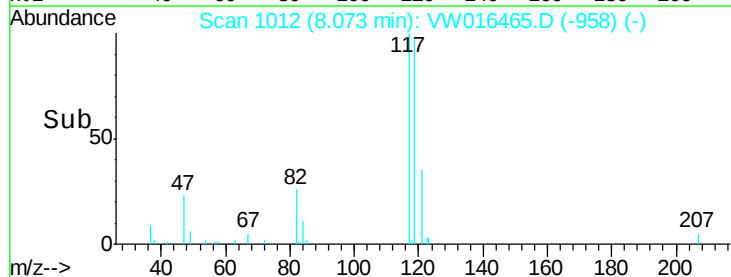
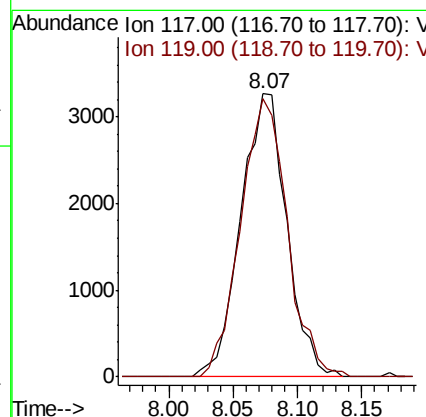
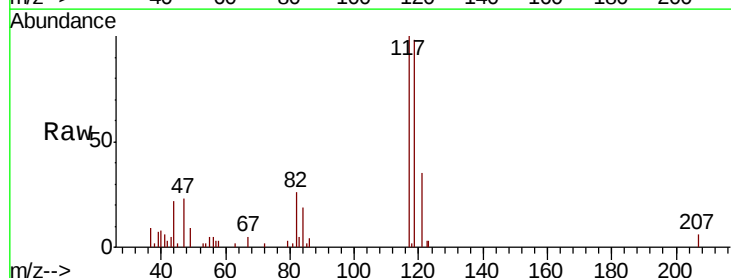
Acq: 04 Sep 2020 15:36

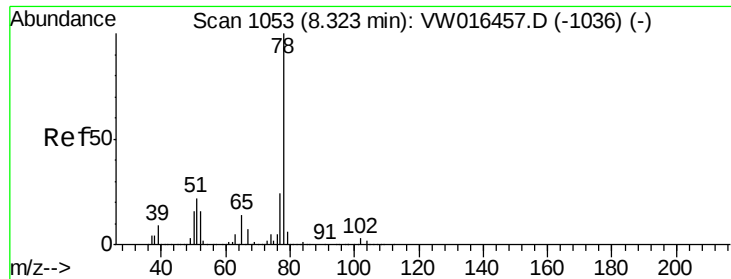
Tgt Ion: 117 Resp: 8066

Ion Ratio Lower Upper

117 100

119 99.8 77.8 116.6





#34

Benzene

Concen: 0.617 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

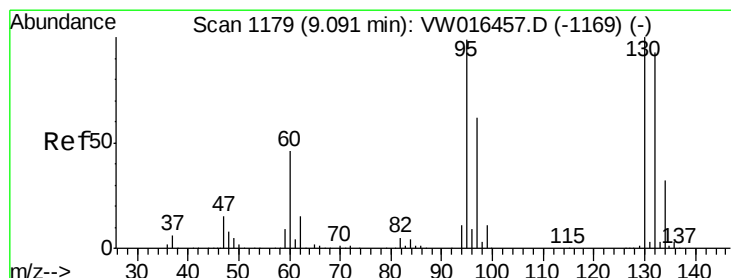
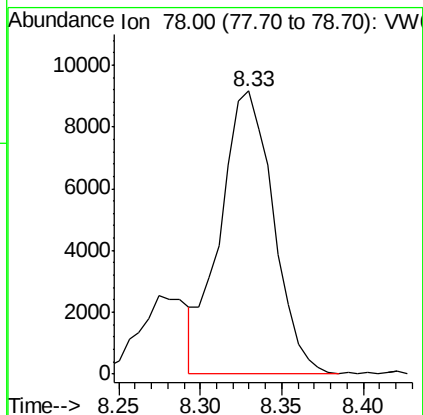
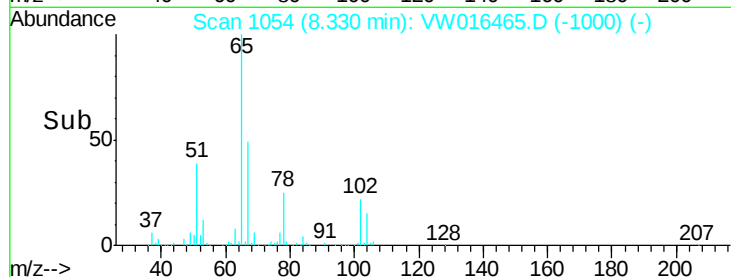
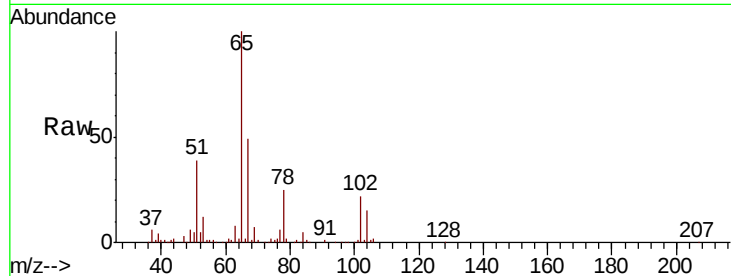
Instrument :

MSVOA_W

ClientSampled :

MDL07

Tgt Ion: 78 Resp: 20769



#35

Trichloroethene

Concen: 0.636 ug/L

RT: 9.09 min Scan# 1179

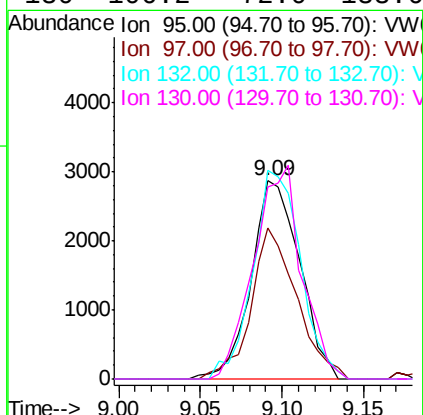
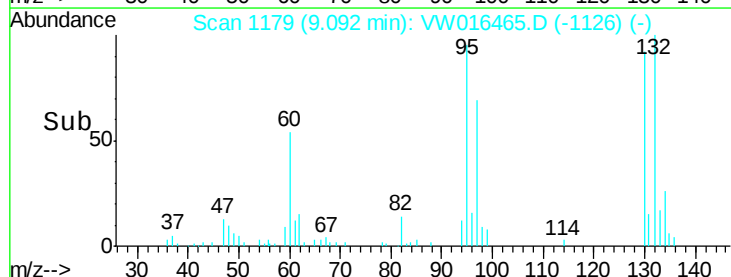
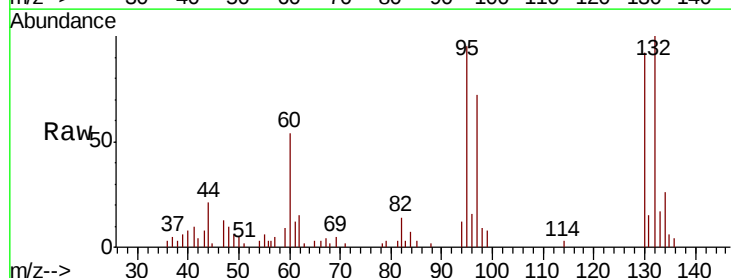
Delta R.T. -0.01 min

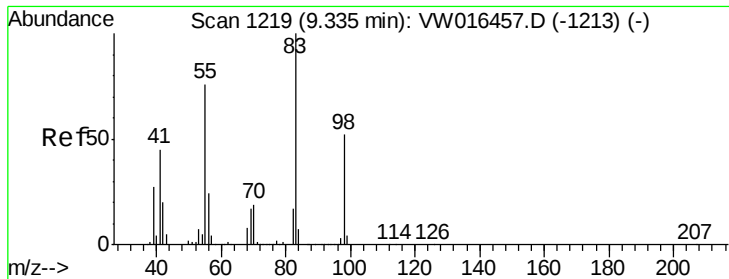
Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Tgt Ion: 95 Resp: 5931

Ion	Ratio	Lower	Upper
95	100		
97	71.7	44.9	83.5
132	103.1	69.2	128.4
130	106.2	72.0	133.6

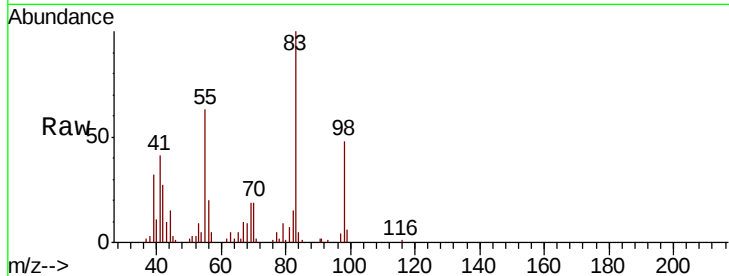




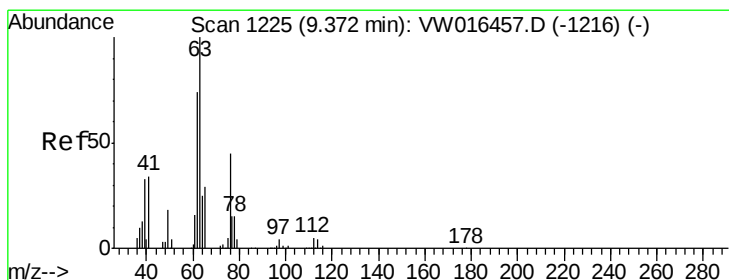
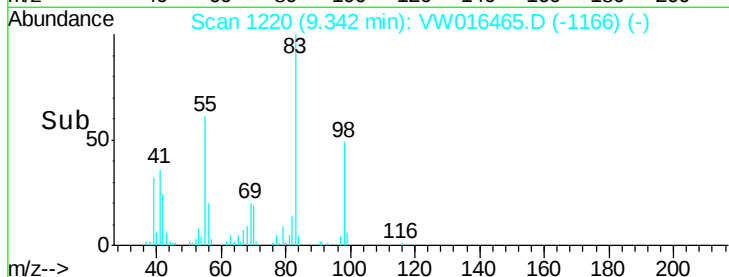
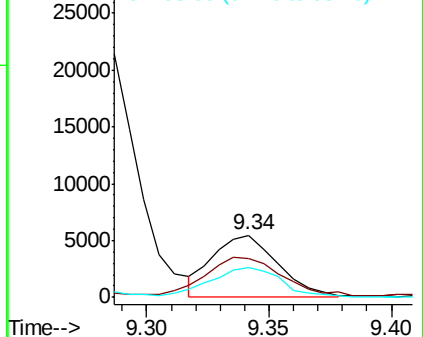
#36
Methylcyclohexane
Concen: 0.601 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW016465.D
Acq: 04 Sep 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tot Ion: 83 Resp: 9808
Ion Ratio Lower Upper
83 100
55 72.3 60.9 91.3
98 54.2 40.0 60.0

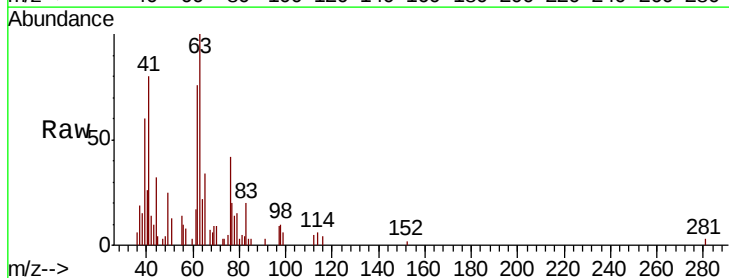


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

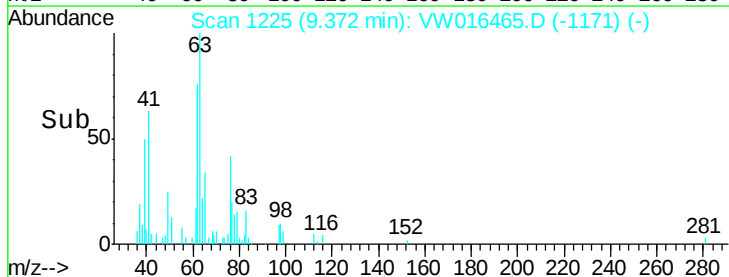
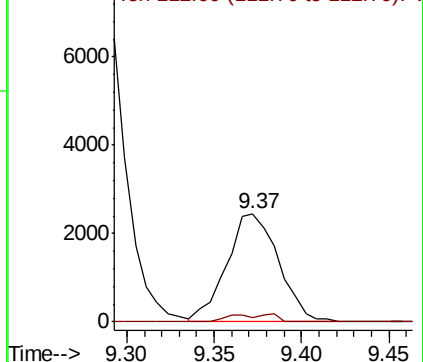


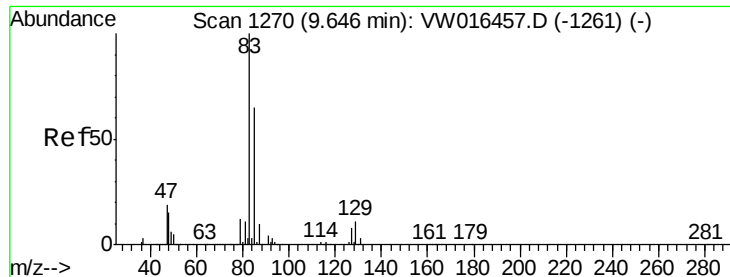
#40
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 9.37 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VW016465.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 63 Resp: 5058
Ion Ratio Lower Upper
63 100
112 2.5 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 0.608 ug/L

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

MDL07

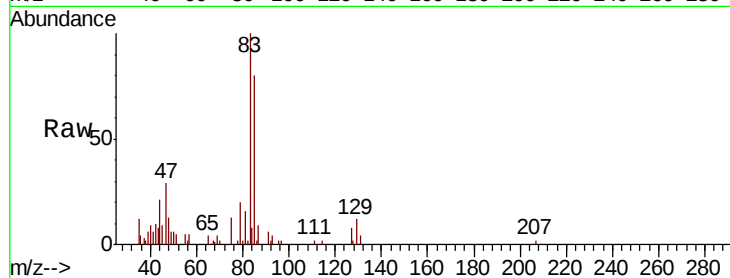
Tot Ion: 83 Resp: 7074

Ion Ratio Lower Upper

83 100

85 79.8 43.5 80.7

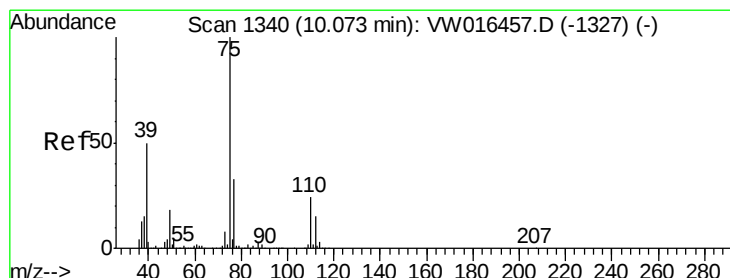
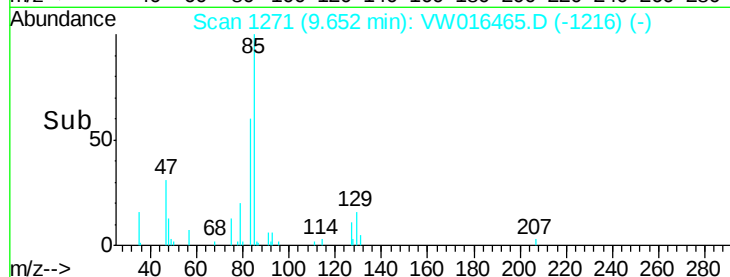
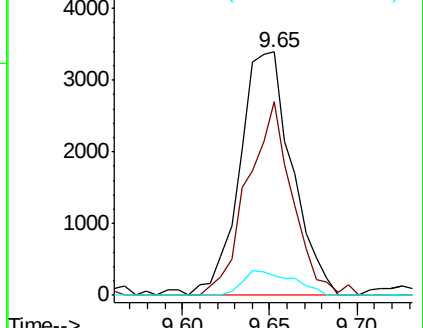
127 8.0 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW016465.D

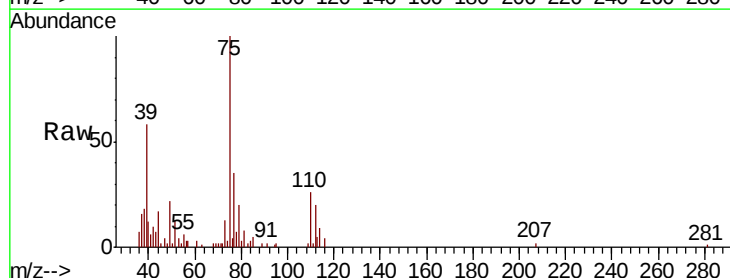
Acq: 04 Sep 2020 15:36

Tgt Ion: 75 Resp: 8130

Ion Ratio Lower Upper

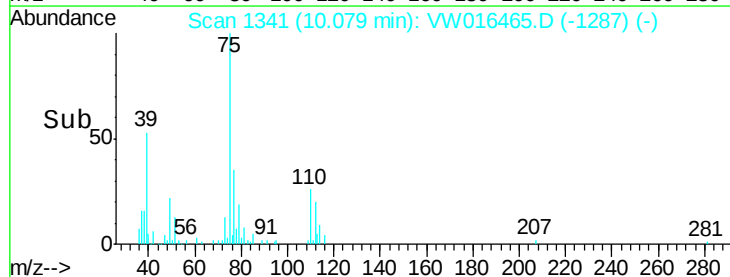
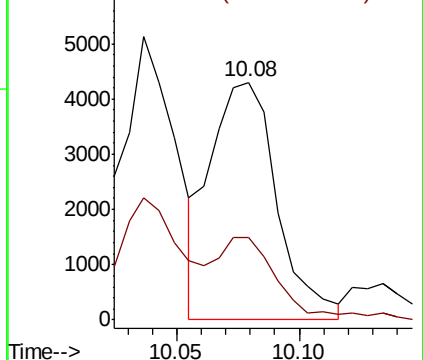
75 100

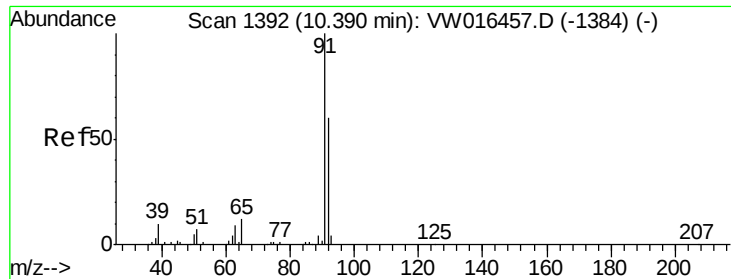
77 34.5 20.9 38.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.655 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampled :

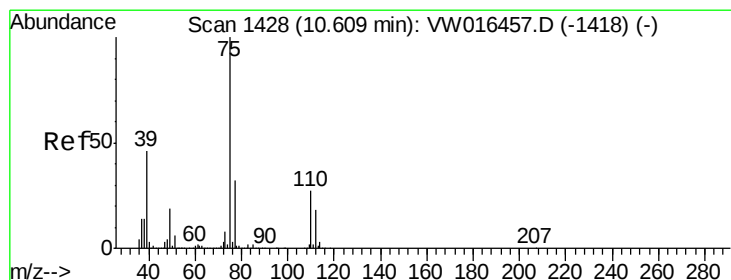
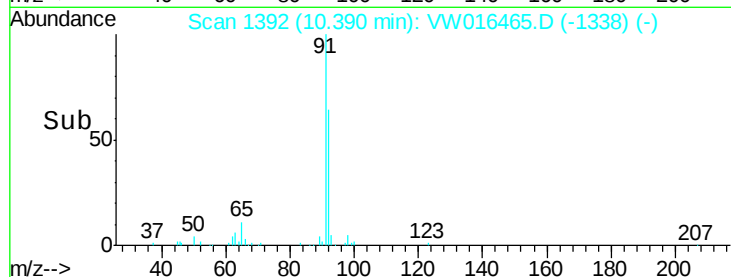
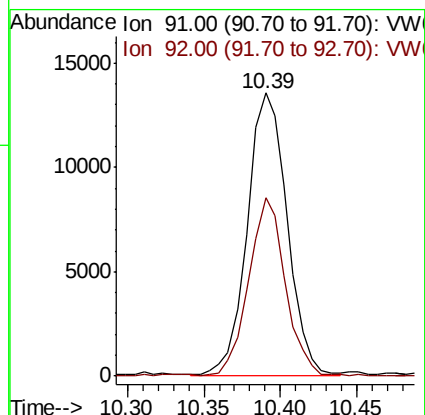
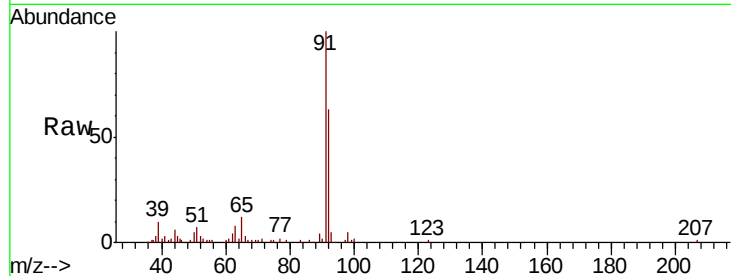
MDL07

Tot Ion: 91 Resp: 24691

Ion Ratio Lower Upper

91 100

92 63.2 39.5 73.4



#45

trans-1,3-Dichloropropene

Concen: 0.588 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016465.D

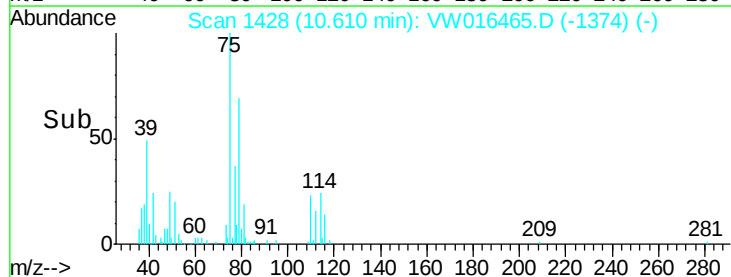
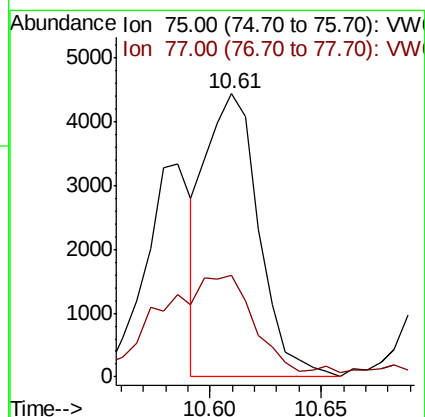
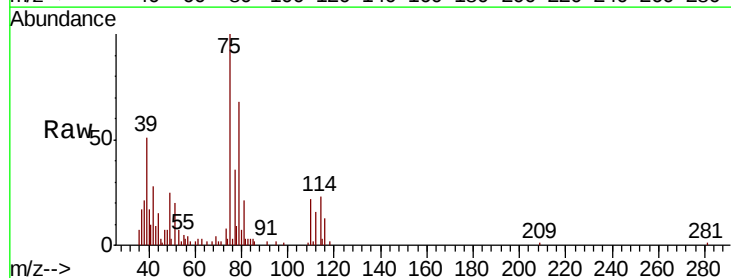
Acq: 04 Sep 2020 15:36

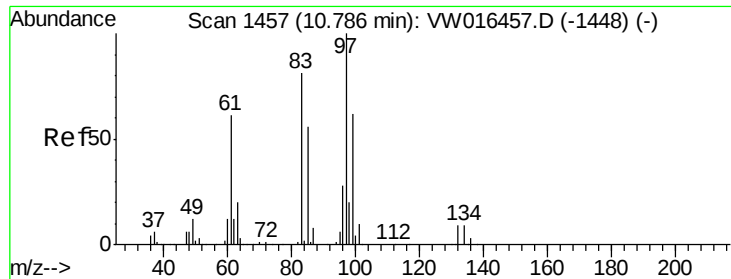
Tgt Ion: 75 Resp: 7421

Ion Ratio Lower Upper

75 100

77 35.8 21.9 40.7

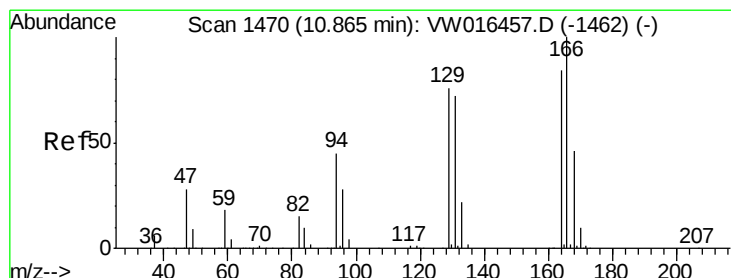
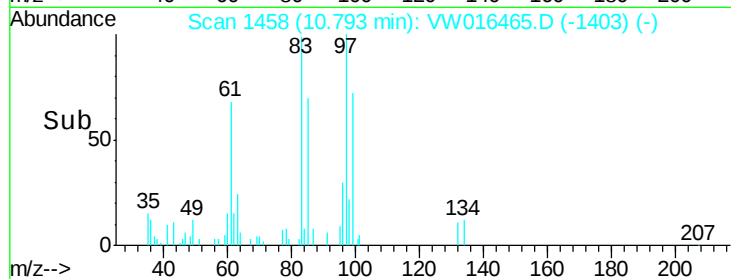
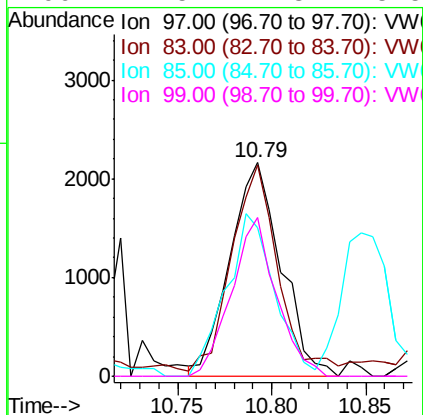
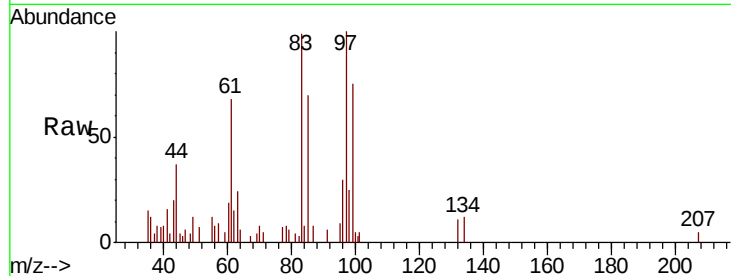




#46
 1,1,2-Trichloroethane
 Concen: 0.616 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

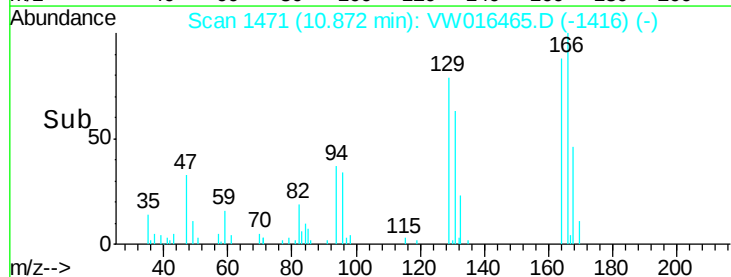
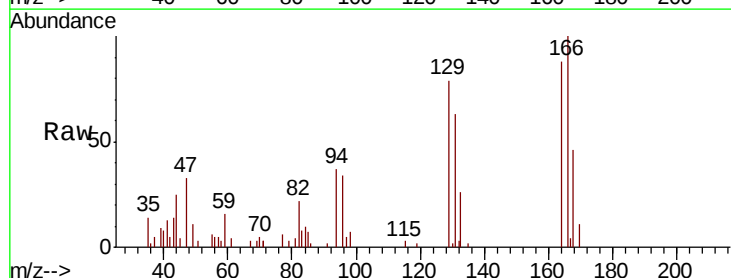
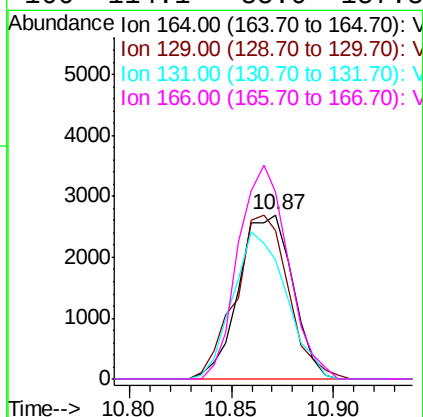
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

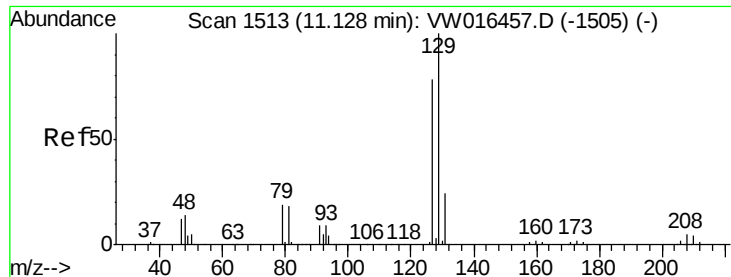
Tot Ion: 97 Resp: 4062
 Ion Ratio Lower Upper
 97 100
 83 98.7 59.7 110.9
 85 69.6 37.6 69.8
 99 74.5 42.3 78.5



#47
 Tetrachloroethene
 Concen: 0.659 ug/L
 RT: 10.87 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

Tgt Ion: 164 Resp: 4930
 Ion Ratio Lower Upper
 164 100
 129 90.6 65.7 121.9
 131 72.1 61.1 113.5
 166 114.1 85.0 157.8





#50

Dibromochloromethane

Concen: 0.587 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

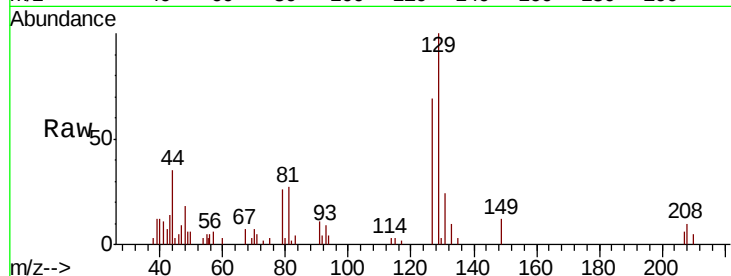
MDL07

Tot Ion:129 Resp: 4900

Ion Ratio Lower Upper

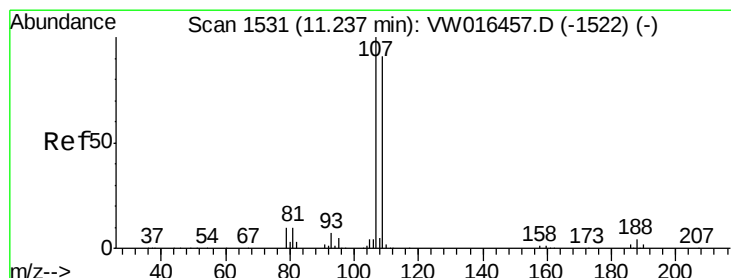
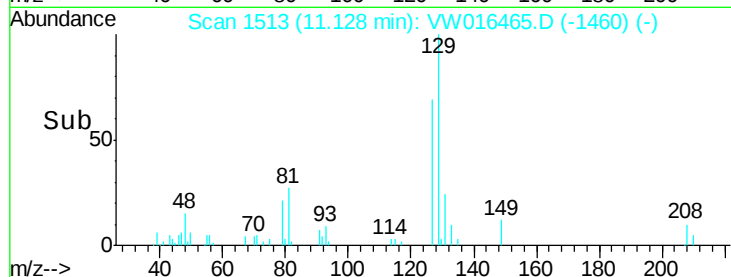
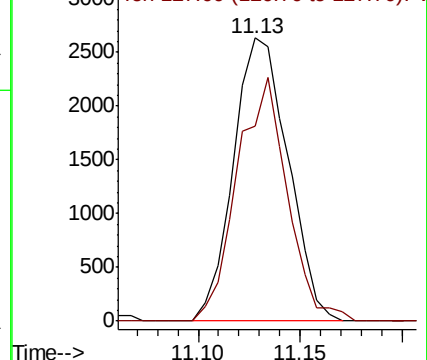
129 100

127 68.8 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: 0.617 ug/L

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

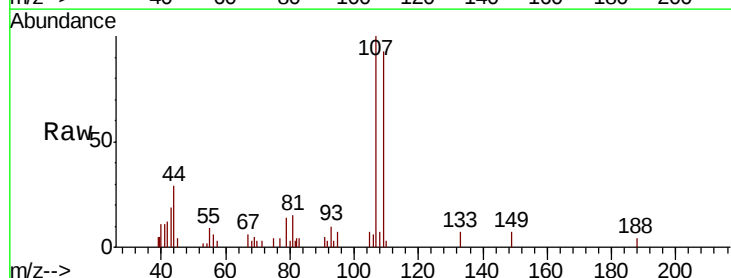
Tgt Ion:107 Resp: 4069

Ion Ratio Lower Upper

107 100

109 92.8 64.8 120.4

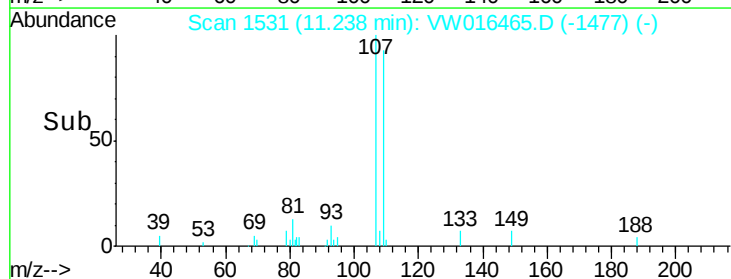
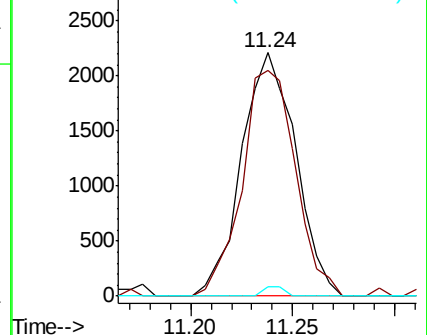
188 3.9 3.4 5.0

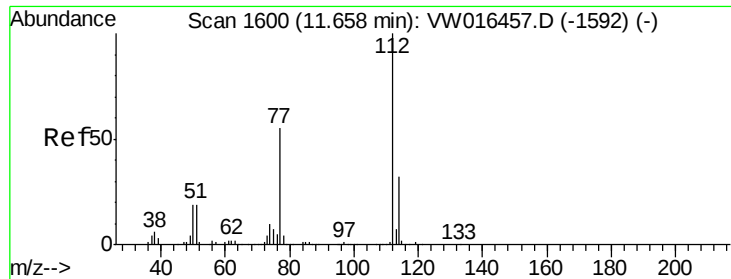


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

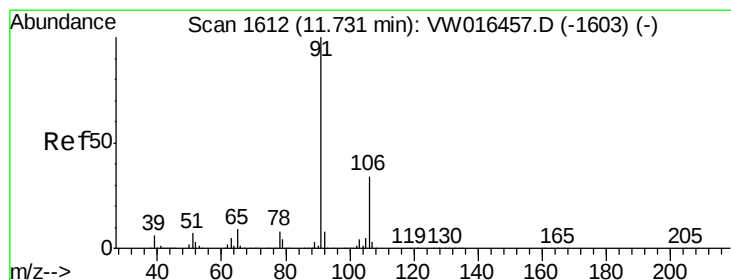
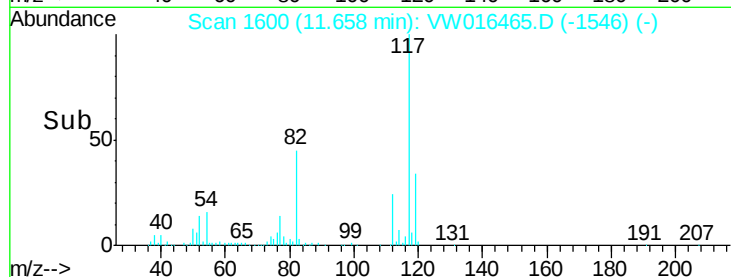
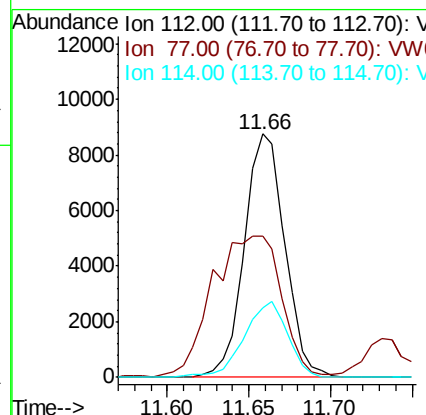
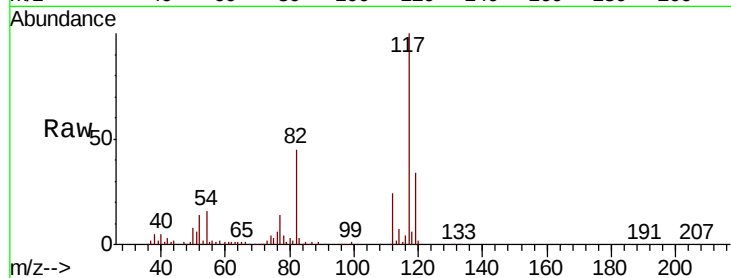




#52
Chlorobenzene
Concen: 0.635 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016465.D
Acq: 04 Sep 2020 15:36

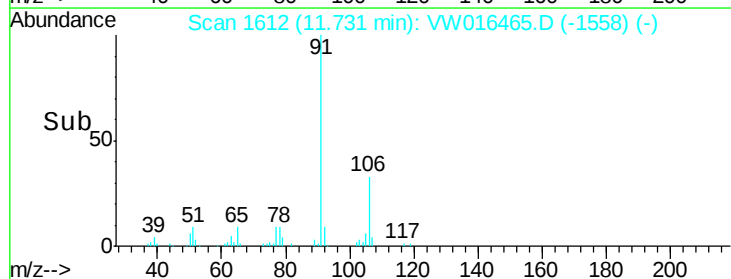
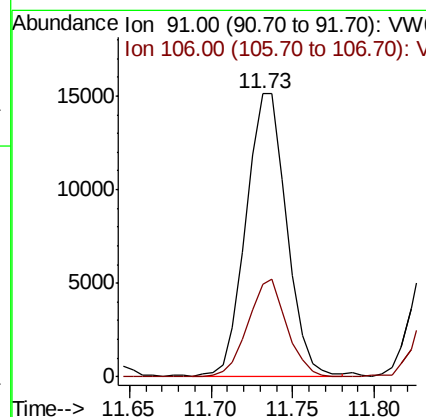
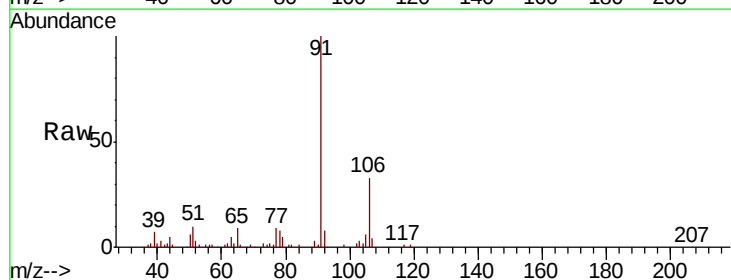
Instrument :
MSVOA_W
ClientSampleId :
MDL07

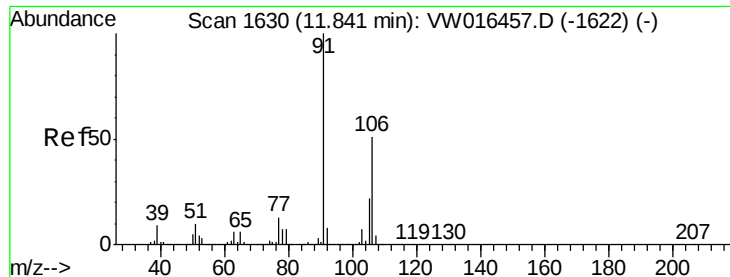
Tot Ion	Ratio	Lower	Upper
112	100		
77	58.0	46.2	69.2
114	28.5	21.1	39.3



#53
Ethylbenzene
Concen: 0.620 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016465.D
Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.6	40.2





#54

m,p-Xylene

Concen: 0.649 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampled :

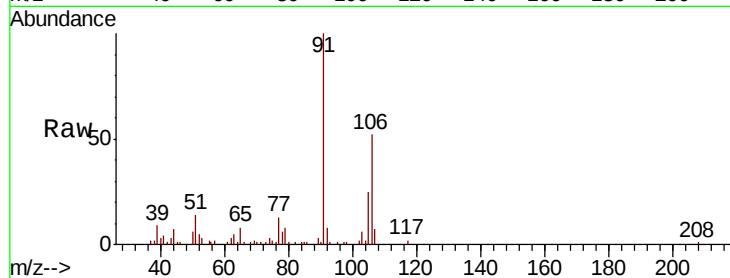
MDL07

Tot Ion:106 Resp: 10528

Ion Ratio Lower Upper

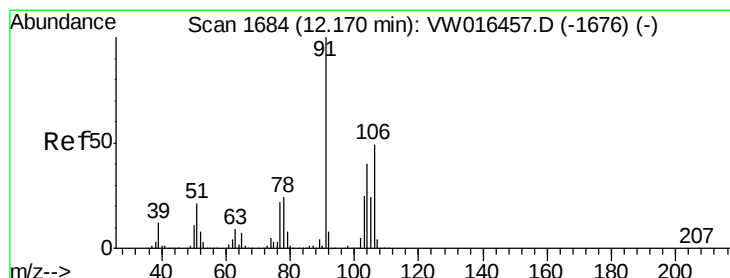
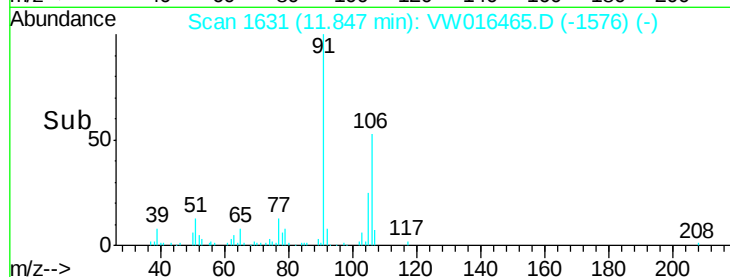
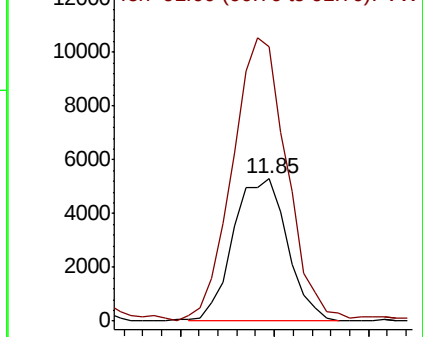
106 100

91 192.4 142.3 264.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.614 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW016465.D

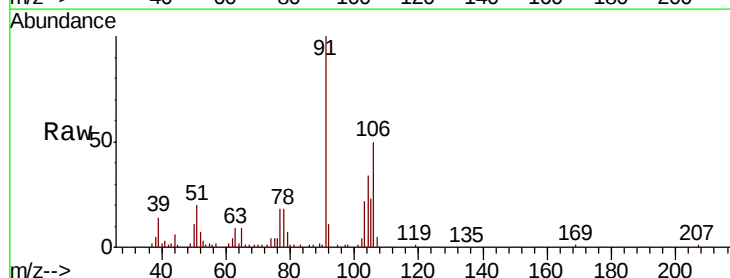
Acq: 04 Sep 2020 15:36

Tgt Ion:106 Resp: 9492

Ion Ratio Lower Upper

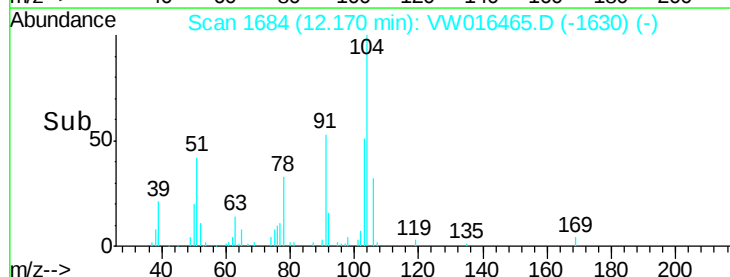
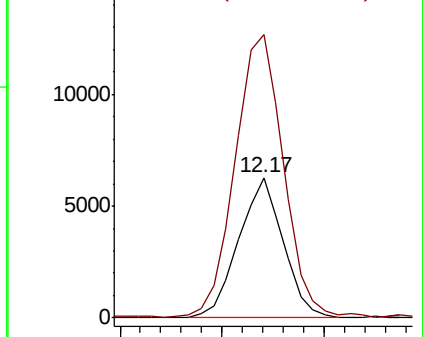
106 100

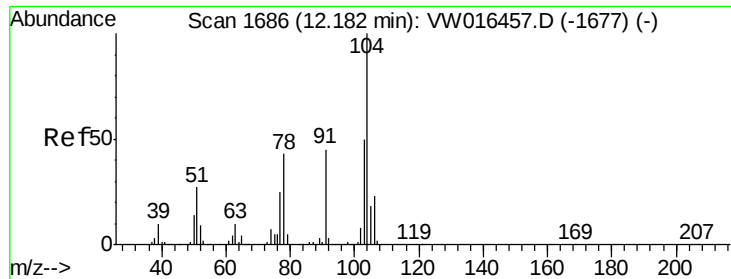
91 201.9 144.3 267.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 0.609 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampled :

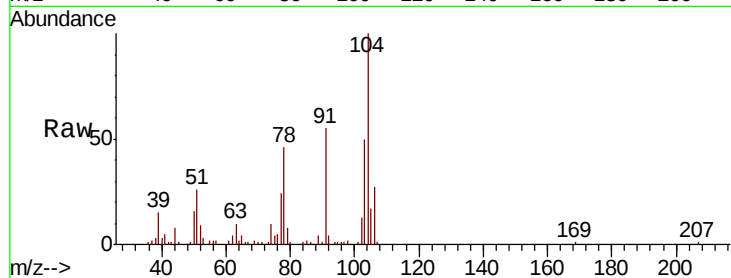
MDL07

Tot Ion:104 Resp: 16174

Ion Ratio Lower Upper

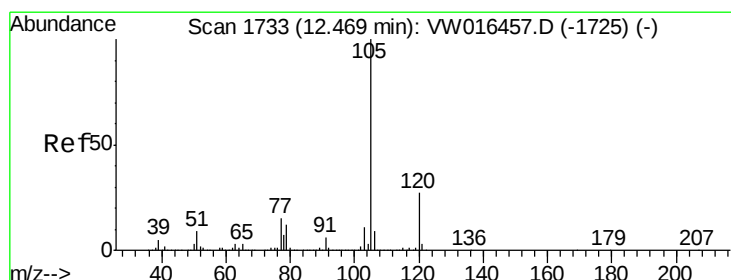
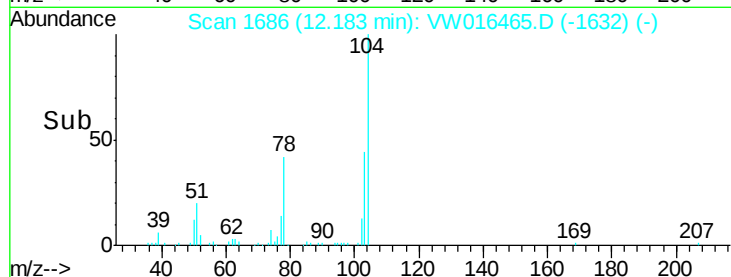
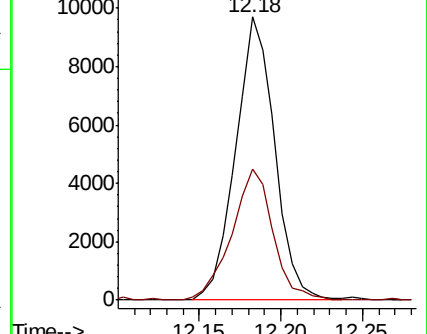
104 100

78 46.3 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V



#57

Isopropylbenzene

Concen: 0.655 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

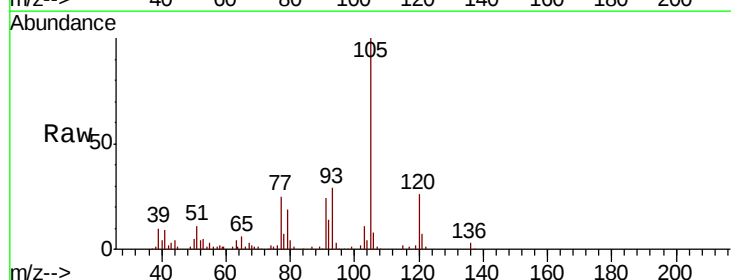
Tgt Ion:105 Resp: 27707

Ion Ratio Lower Upper

105 100

120 25.9 21.9 32.9

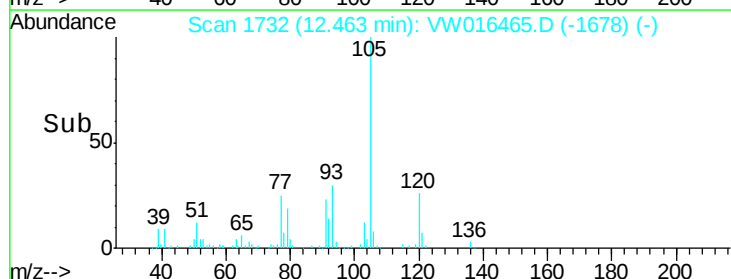
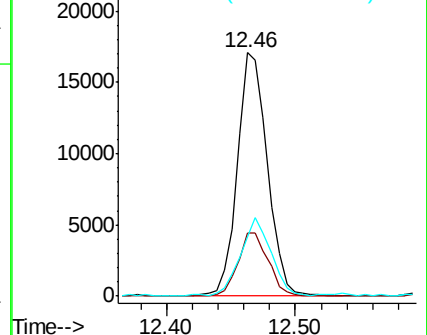
77 32.8 13.0 19.6#

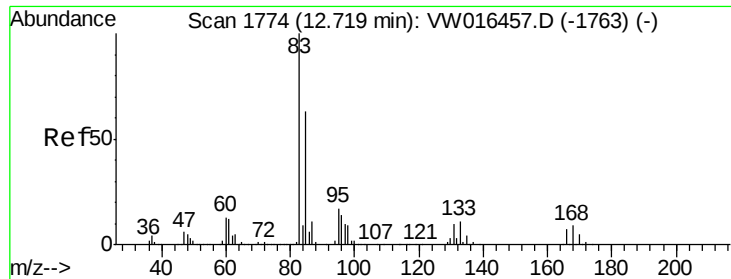


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V





#58

1,1,2,2-Tetrachloroethane

Concen: 0.684 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

MDL07

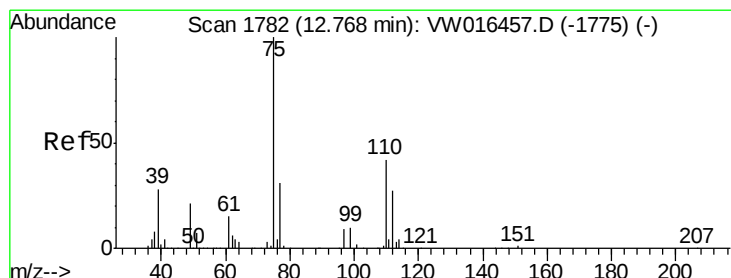
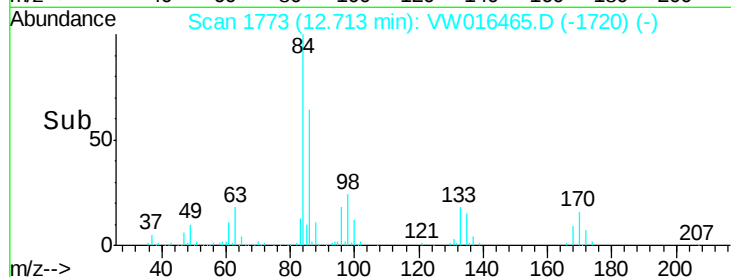
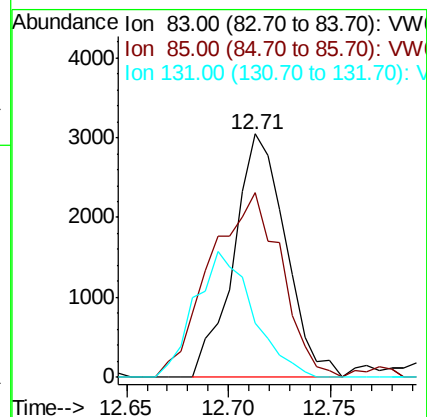
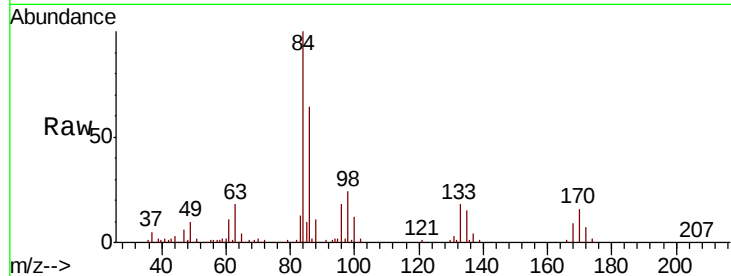
Tot Ion: 83 Resp: 5383

Ion Ratio Lower Upper

83 100

85 76.1 45.3 84.1

131 26.5 8.7 13.1#



#59

1,2,3-Trichloropropane

Concen: 6.351 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.78 min

Lab File: VW016465.D

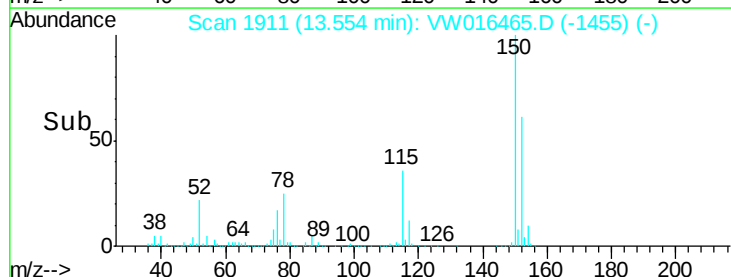
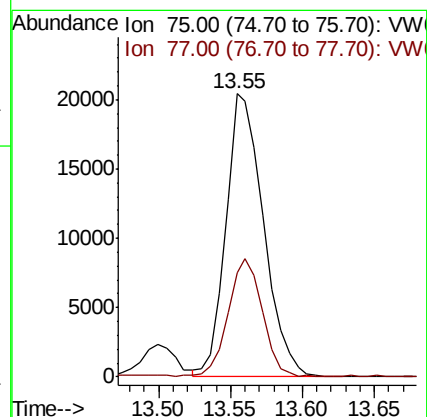
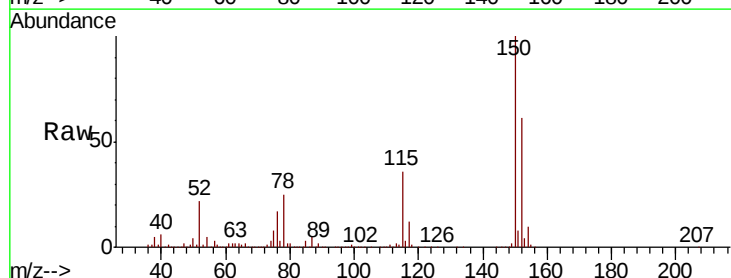
Acq: 04 Sep 2020 15:36

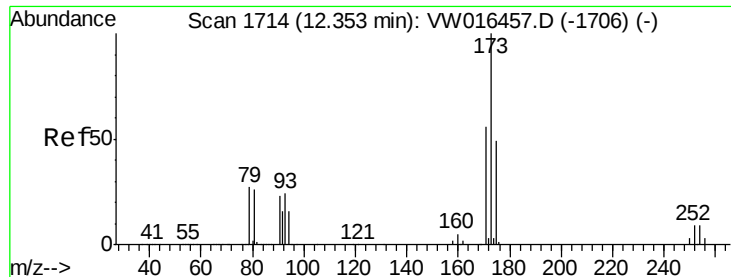
Tgt Ion: 75 Resp: 37338

Ion Ratio Lower Upper

75 100

77 37.3 26.0 39.0

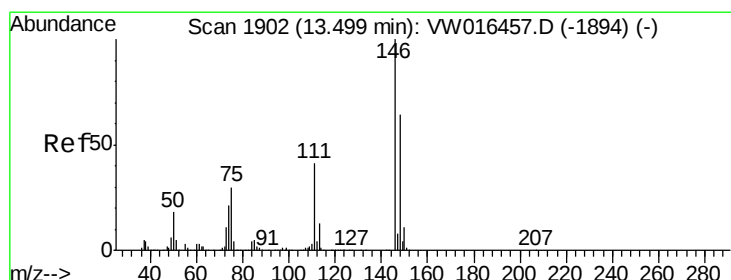
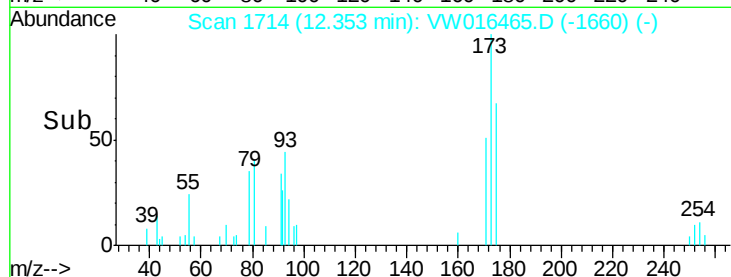
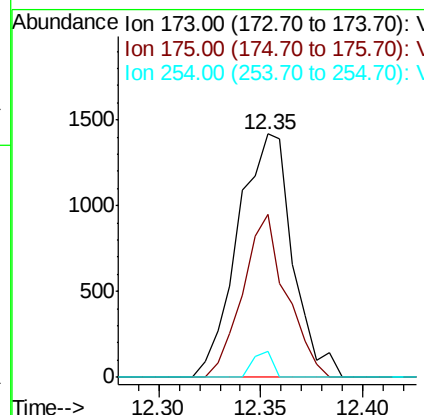
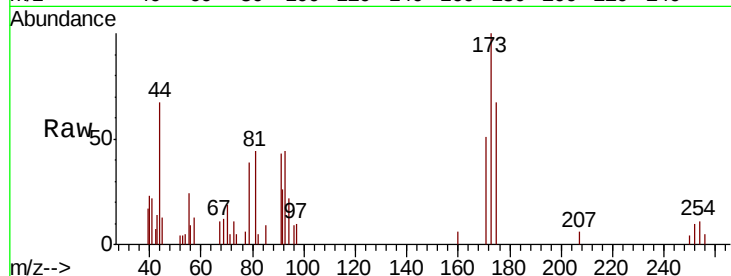




#62
Bromoform
Concen: 0.551 ug/L
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW016465.D
Acq: 04 Sep 2020 15:36

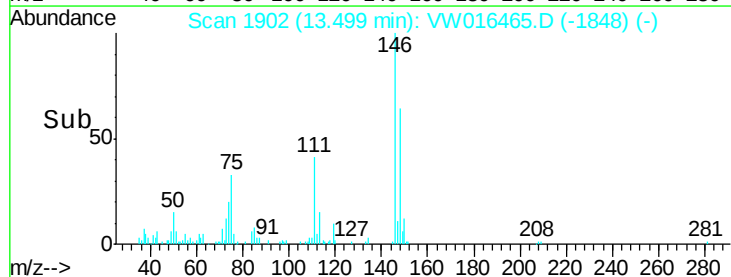
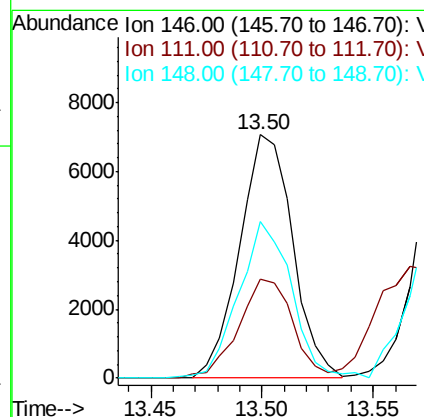
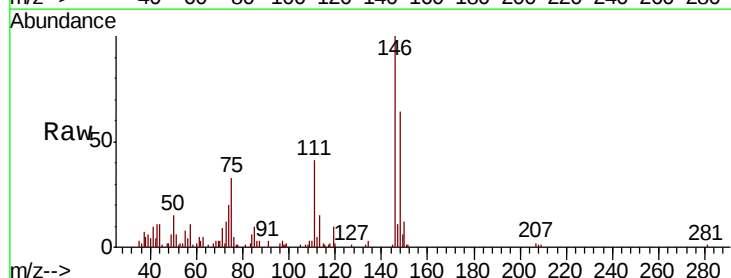
Instrument :
MSVOA_W
ClientSampleId :
MDL07

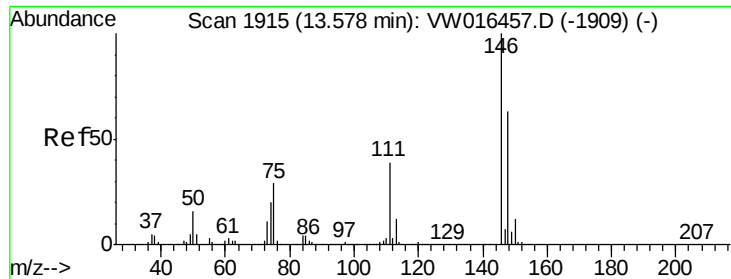
Tot Ion:173 Resp: 2649
Ion Ratio Lower Upper
173 100
175 53.2 39.2 58.8
254 3.8 5.8 8.6#



#63
1,3-Dichlorobenzene
Concen: 0.652 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW016465.D
Acq: 04 Sep 2020 15:36

Tgt Ion:146 Resp: 11755
Ion Ratio Lower Upper
146 100
111 40.6 26.5 49.3
148 64.2 41.3 76.7





#64

1,4-Dichlorobenzene

Concen: 0.661 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

MDL07

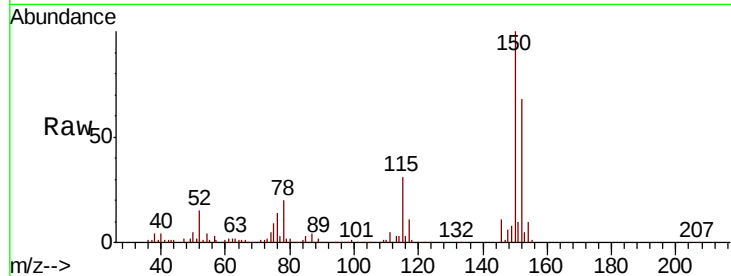
Tot Ion:146 Resp: 11819

Ion Ratio Lower Upper

146 100

111 50.8 26.4 49.0#

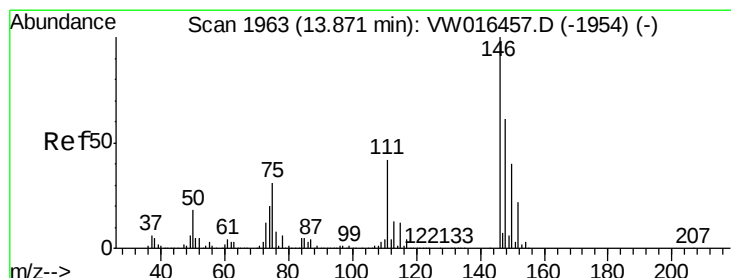
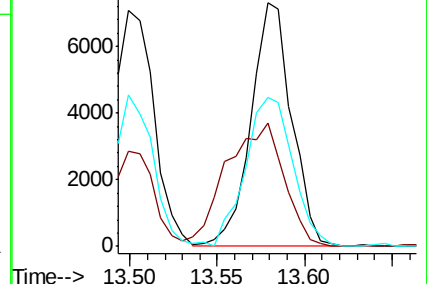
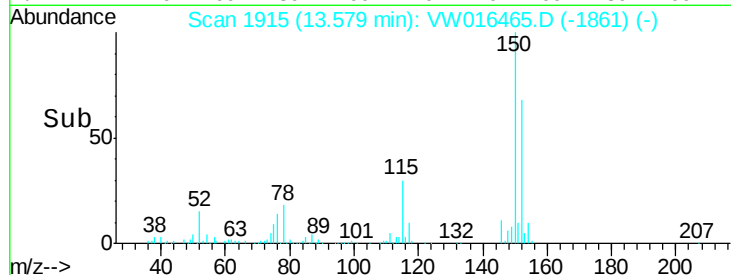
148 61.4 45.1 83.9



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: 0.660 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

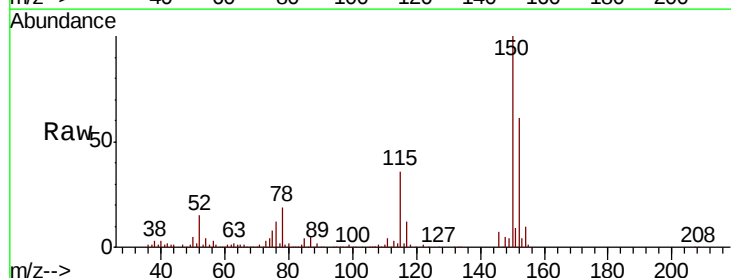
Tgt Ion:146 Resp: 10579

Ion Ratio Lower Upper

146 100

111 60.7 35.3 52.9#

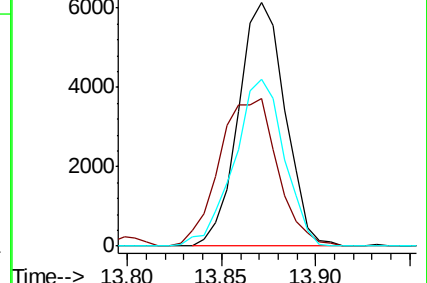
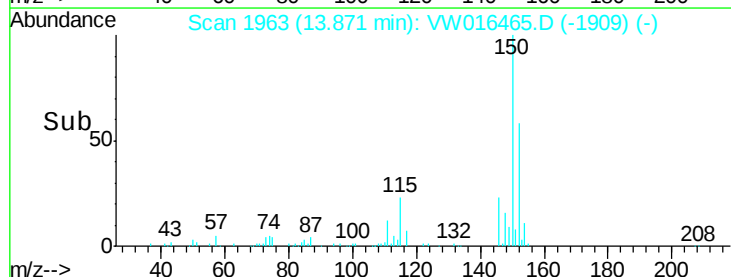
148 68.4 49.8 74.8

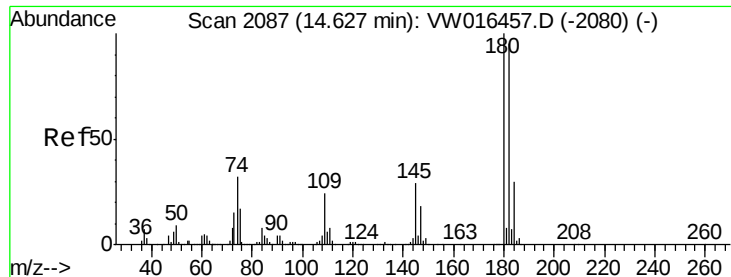


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

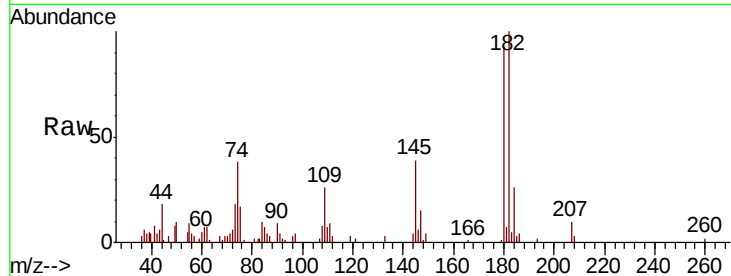




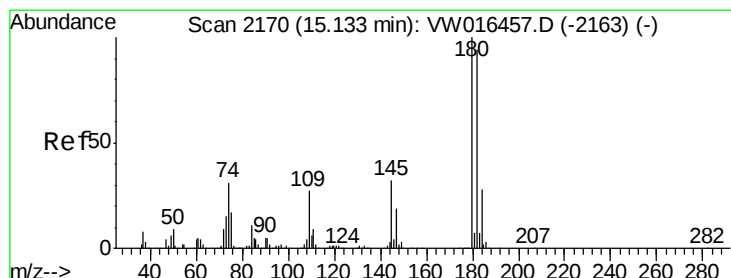
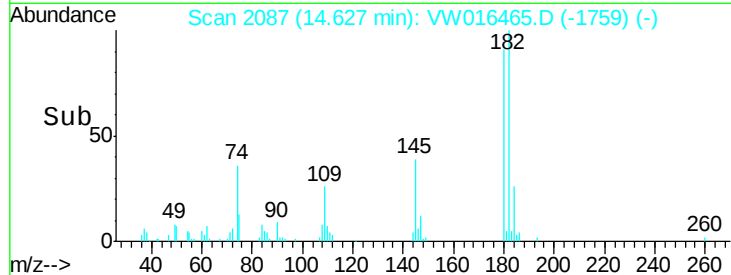
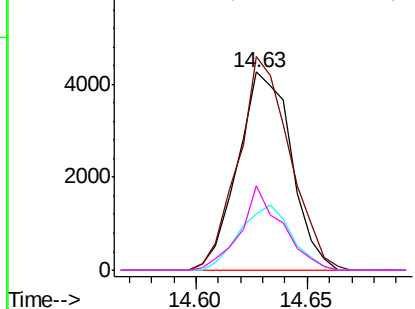
#67
 1,3,5-Trichlorobenzene
 Concen: 0.573 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Tot Ion:180	Resp:	7114
Ion	Ratio	Lower Upper
180	100	
182	104.1	75.8 113.8
184	32.1	24.2 36.2
145	33.6	24.6 36.8

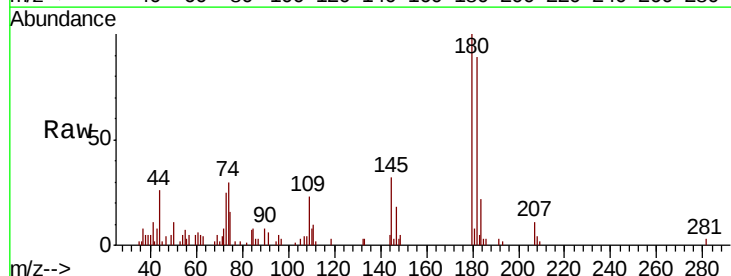


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

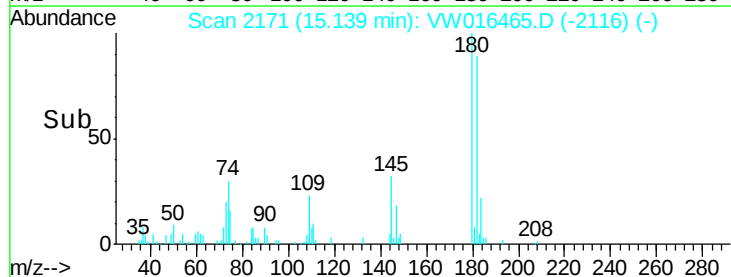
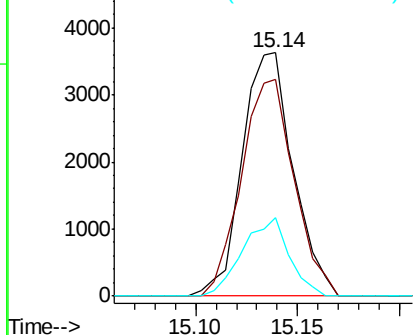


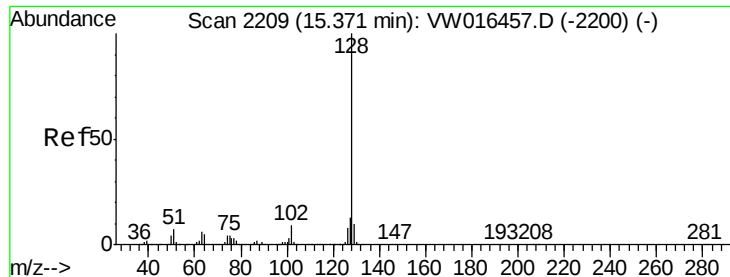
#68
 1,2,4-trichlorobenzene
 Concen: 0.587 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016465.D
 Acq: 04 Sep 2020 15:36

Tgt Ion:180	Resp:	6308
Ion	Ratio	Lower Upper
180	100	
182	91.8	78.5 117.7
145	29.4	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: 0.509 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

MDL07

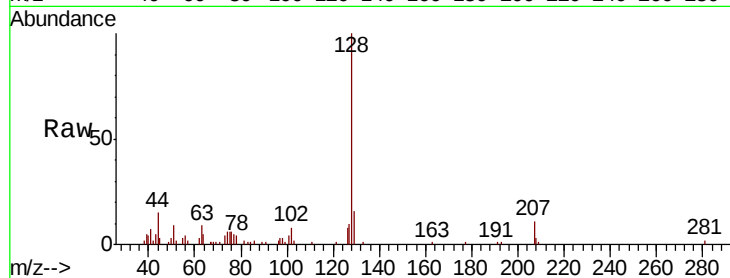
Tot Ion:128 Resp: 11533

Ion Ratio Lower Upper

128 100

129 12.8 8.7 13.1

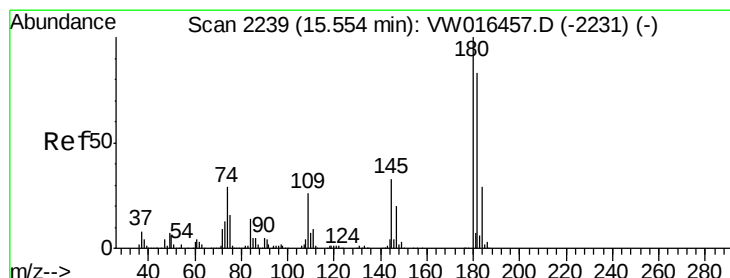
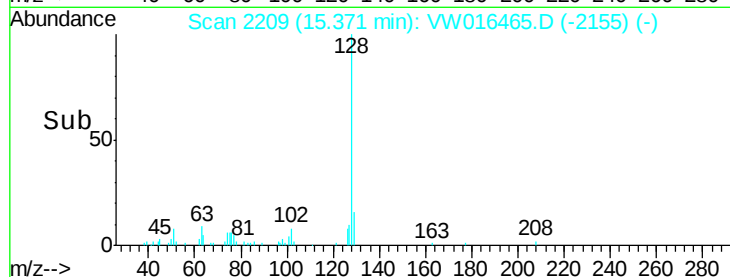
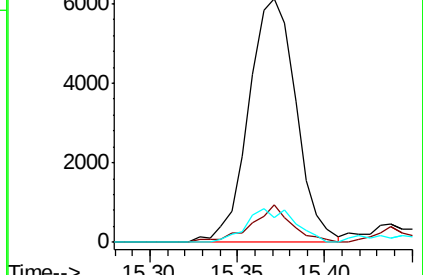
127 8.6 10.5 15.7#



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: 0.578 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW016465.D

Acq: 04 Sep 2020 15:36

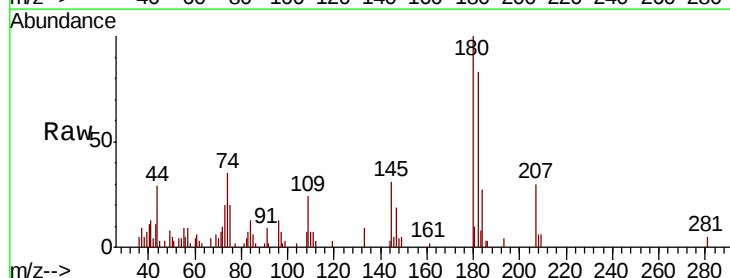
Tgt Ion:180 Resp: 5330

Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 35.0 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

