

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021591.D
 Acq On : 23 Dec 2021 03:18
 Operator : SY/VA
 Sample : M3213-15
 Misc : 6.21g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

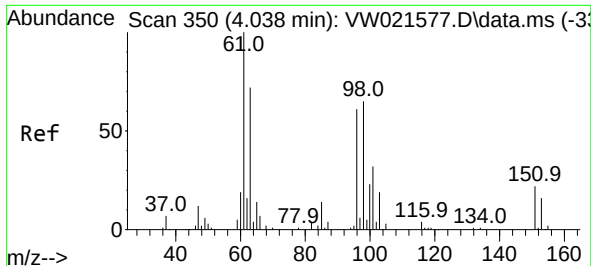
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 03:41:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 02:55:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	42871	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	42660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	10004	12.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.240%
7) Chloroethane-d5	2.885	69	8501	16.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.880%
11) 1,1-Dichloroethene-d2	4.019	63	14789	14.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.840%
21) 2-Butanone-d5	7.086	46	5208	47.319	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.640%
24) Chloroform-d	7.653	84	25214	21.105	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	8.311	65	14041	22.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.360%
32) Benzene-d6	8.281	84	46860	20.040	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.160%
36) 1,2-Dichloropropane-d6	9.274	67	13608	21.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.800%
41) Toluene-d8	10.329	98	44465	18.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.440%
43) trans-1,3-Dichloroprop...	10.579	79	4831	16.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.920%
47) 2-Hexanone-d5	10.926	63	3761	40.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	10907	20.232	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	17136	17.842	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.360%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	1268	2.386	ug/L #	1
19) 1,1-Dichloroethane	6.220	63	4745	5.255	ug/L	91
22) 2-Butanone	7.262	43	464	3.601	ug/L #	52
30) 1,1,1-Trichloroethane	7.872	97	2468	2.578	ug/L	96
34) Trichloroethene	9.091	95	5018	7.692	ug/L	96
35) Methylcyclohexane	9.280	83	3708	3.446	ug/L #	15
37) 1,2-Dichloropropane	9.280	63	1740	3.357	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	426	0.521	ug/L	94
45) 1,1,2-Trichloroethane	10.859	97	277	0.653	ug/L #	1
46) Tetrachloroethene	10.859	164	34736	56.052	ug/L	95
48) 2-Hexanone	10.920	43	439	2.143	ug/L #	47
49) Dibromochloromethane	10.859	129	30510	58.332	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	2640	7.320	ug/L #	68

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



#12

1,1-Dichloroethene

Concen: 2.386 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW021591.D

Acq: 23 Dec 2021 03:18

Instrument :

MSVOA_W

ClientSampleId :

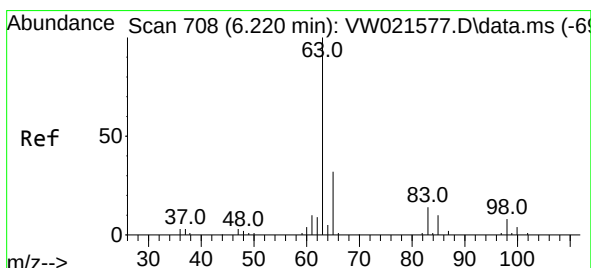
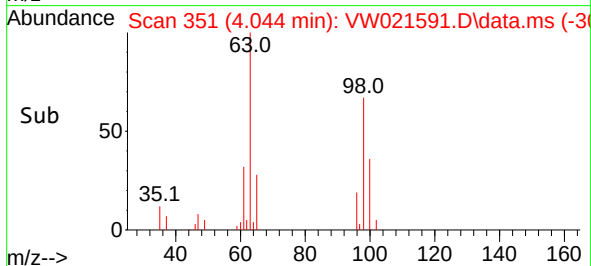
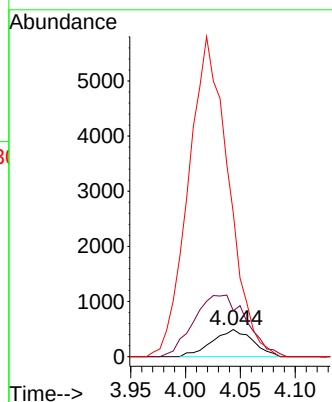
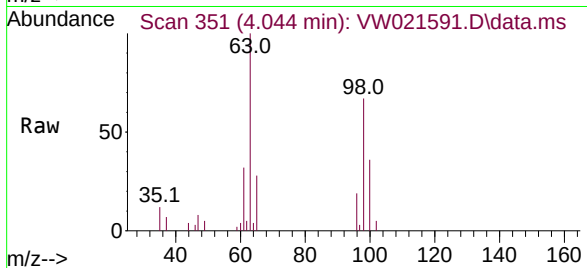
Tgt Ion: 96 Resp: 1268

Ion Ratio Lower Upper

96 100

61 169.0 138.3 256.9

63 527.8 82.6 153.4#



#19

1,1-Dichloroethane

Concen: 5.255 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021591.D

Acq: 23 Dec 2021 03:18

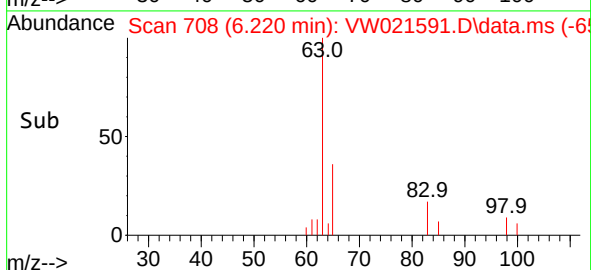
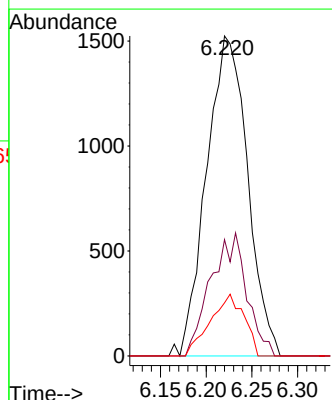
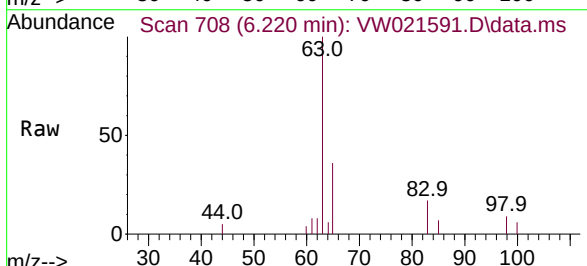
Tgt Ion: 63 Resp: 4745

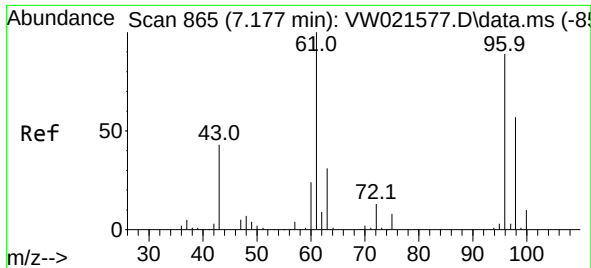
Ion Ratio Lower Upper

63 100

65 36.4 22.1 41.1

83 16.6 9.2 17.2

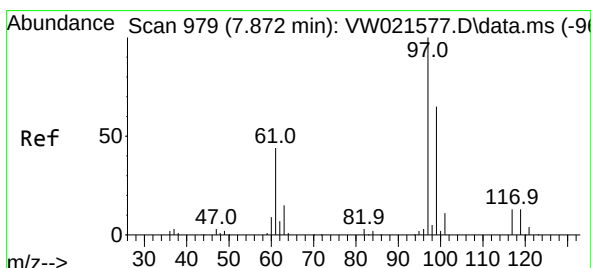
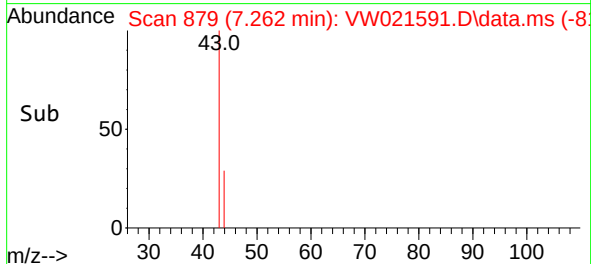
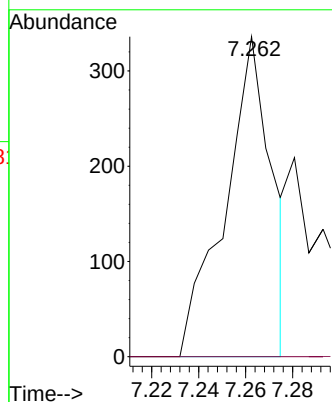
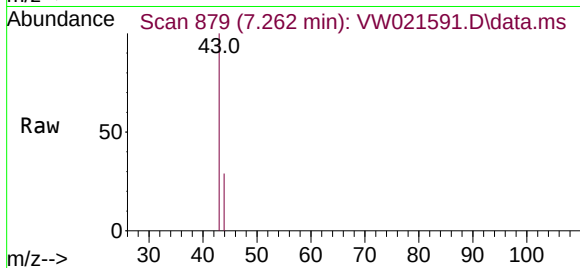




#22
 2-Butanone
 Concen: 3.601 ug/L
 RT: 7.262 min Scan# 81
 Delta R.T. 0.085 min
 Lab File: VW021591.D
 Acq: 23 Dec 2021 03:18

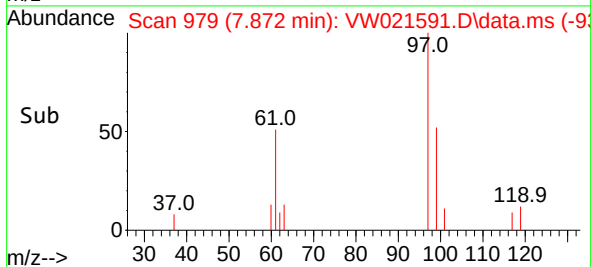
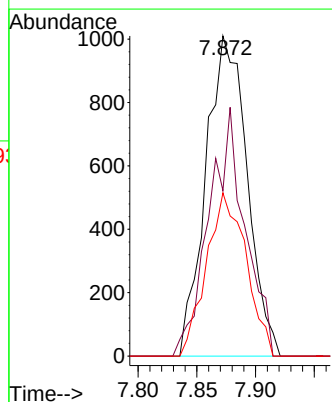
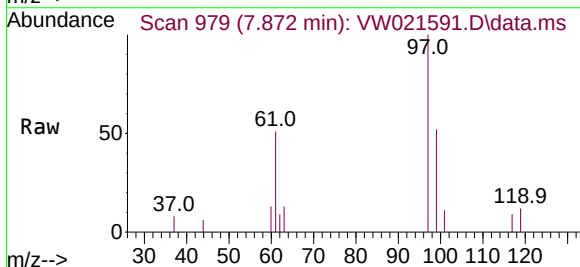
Instrument :
 MSVOA_W
 ClientSampleId :

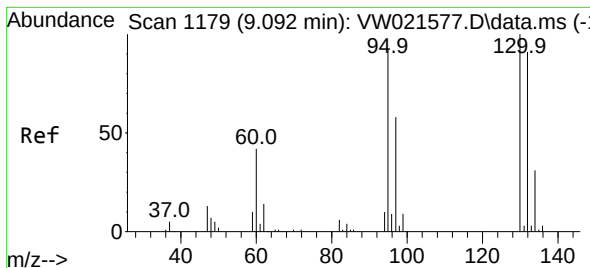
Tgt Ion: 43 Resp: 464
 Ion Ratio Lower Upper
 43 100
 72 0.0 11.8 35.4#



#30
 1,1,1-Trichloroethane
 Concen: 2.578 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. -0.000 min
 Lab File: VW021591.D
 Acq: 23 Dec 2021 03:18

Tgt Ion: 97 Resp: 2468
 Ion Ratio Lower Upper
 97 100
 99 67.8 51.6 77.4
 61 48.9 40.9 61.3





#34

Trichloroethene

Concen: 7.692 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021591.D

Acq: 23 Dec 2021 03:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 5018

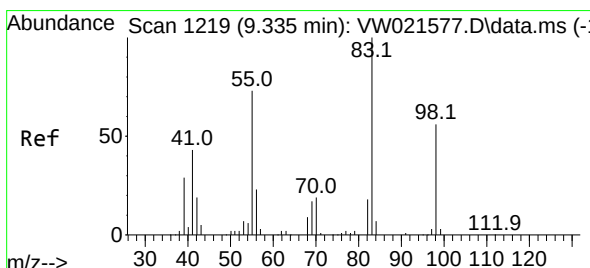
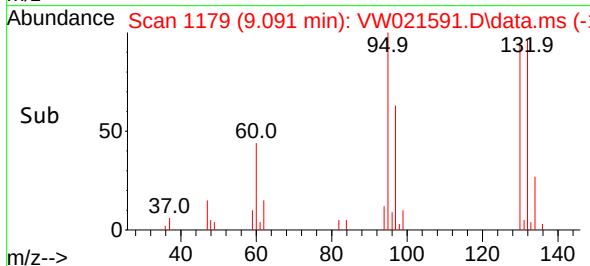
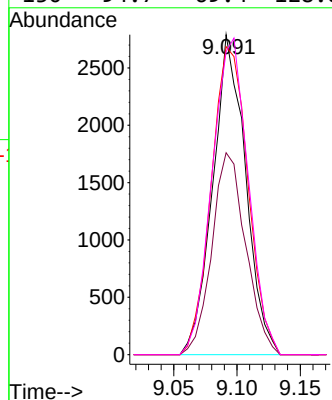
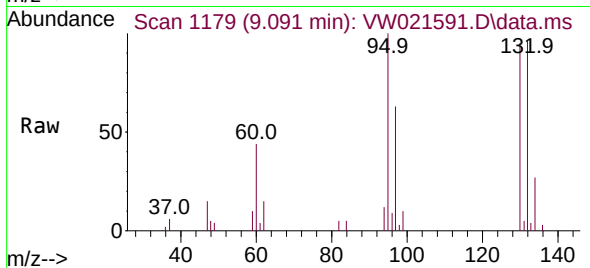
Ion Ratio Lower Upper

95 100

97 63.1 47.0 87.2

132 96.3 65.5 121.6

130 94.7 69.4 128.8



#35

Methylcyclohexane

Concen: 3.446 ug/L

RT: 9.280 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW021591.D

Acq: 23 Dec 2021 03:18

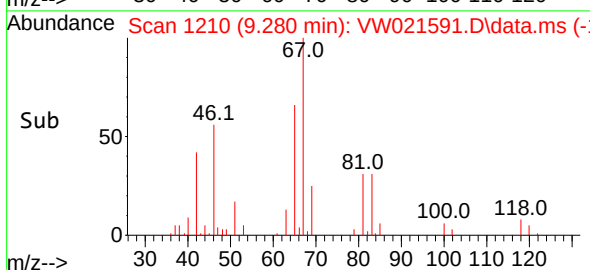
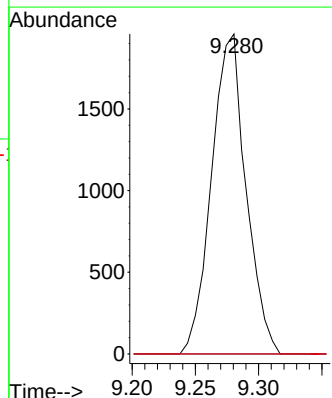
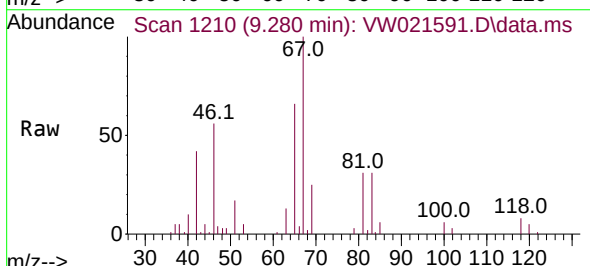
Tgt Ion: 83 Resp: 3708

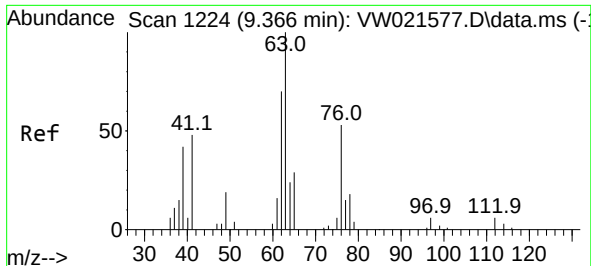
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 2.2 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.357 ug/L

RT: 9.280 min Scan# 11

Delta R.T. -0.086 min

Lab File: VW021591.D

Acq: 23 Dec 2021 03:18

Instrument :

MSVOA_W

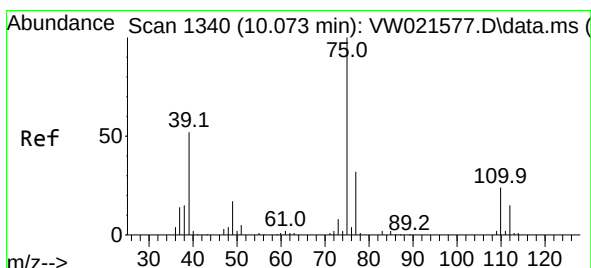
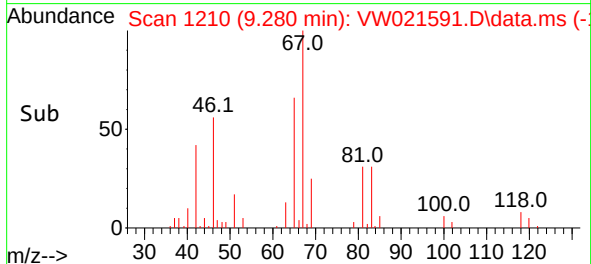
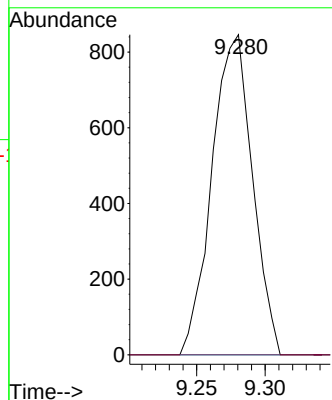
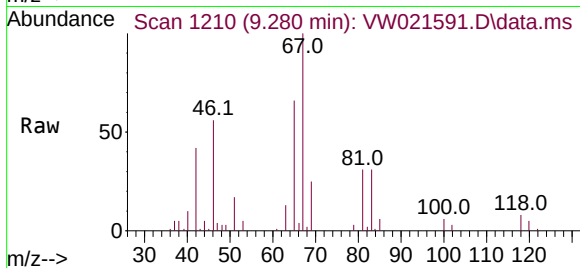
ClientSampleId :

Tgt Ion: 63 Resp: 1740

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.521 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021591.D

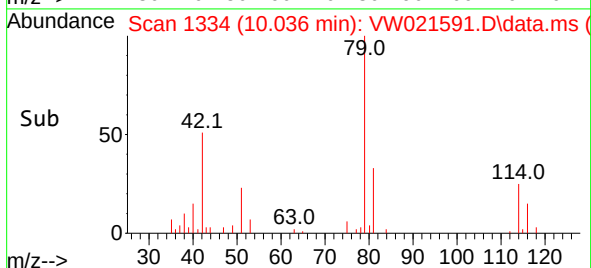
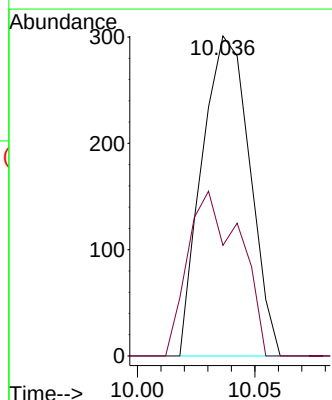
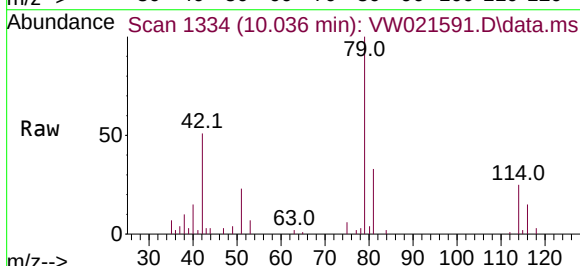
Acq: 23 Dec 2021 03:18

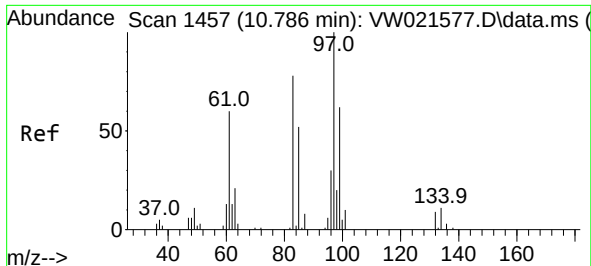
Tgt Ion: 75 Resp: 426

Ion Ratio Lower Upper

75 100

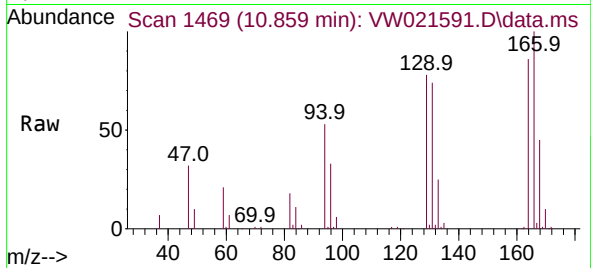
77 34.6 21.8 40.6



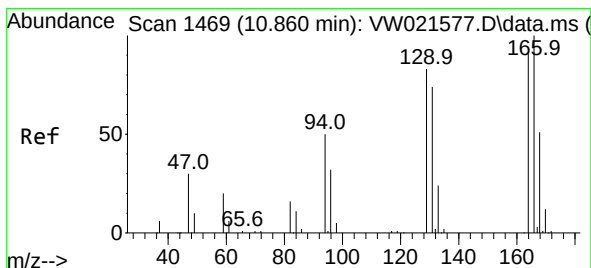
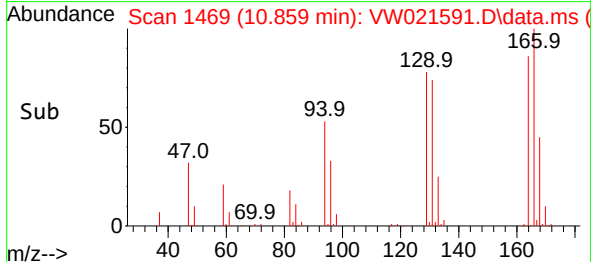
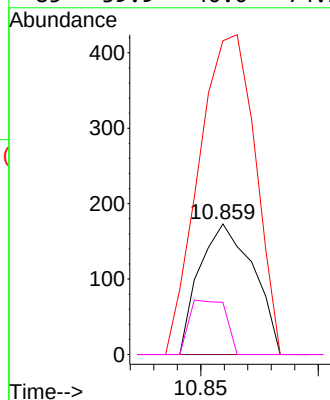


#45
1,1,2-Trichloroethane
Concen: 0.653 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.073 min
Lab File: VW021591.D
Acq: 23 Dec 2021 03:18

Instrument :
MSVOA_W
ClientSampleId :

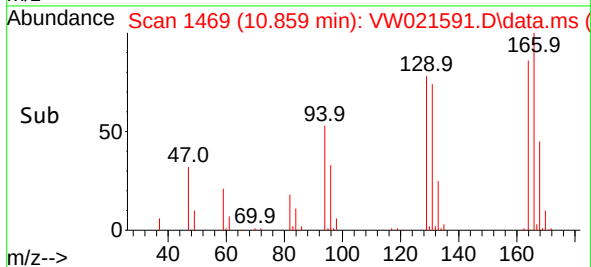
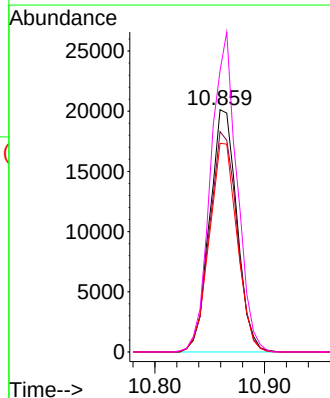
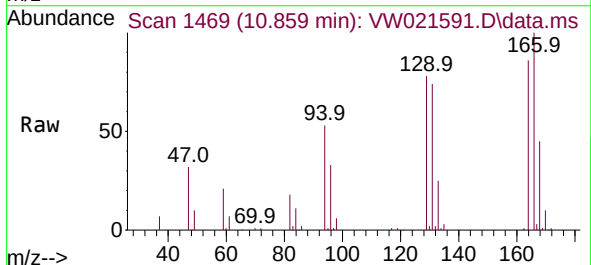


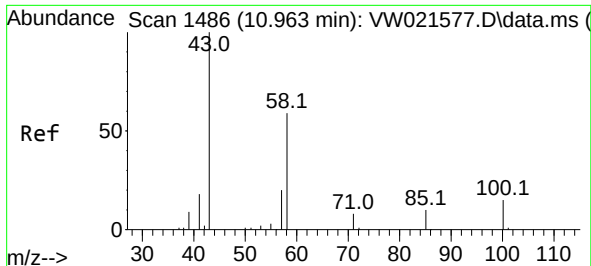
Tgt Ion: 97 Resp: 277
Ion Ratio Lower Upper
97 100
99 0.0 43.0 79.8#
83 240.5 62.6 116.3#
85 39.9 40.0 74.2#



#46
Tetrachloroethene
Concen: 56.052 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021591.D
Acq: 23 Dec 2021 03:18

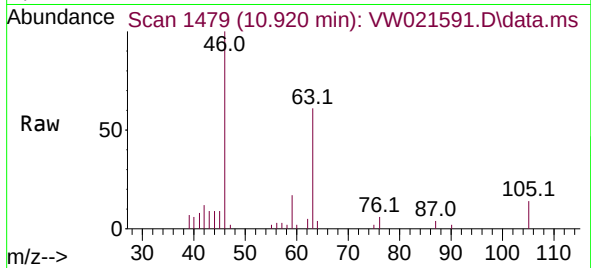
Tgt Ion: 164 Resp: 34736
Ion Ratio Lower Upper
164 100
129 91.0 65.5 121.7
131 86.1 59.7 110.9
166 116.1 88.7 164.7



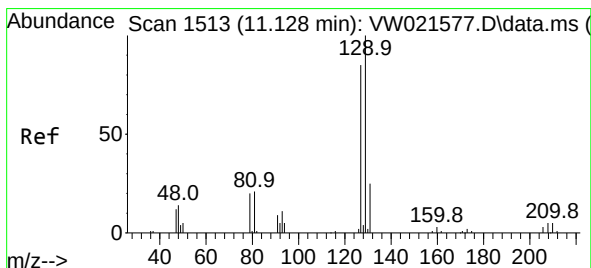
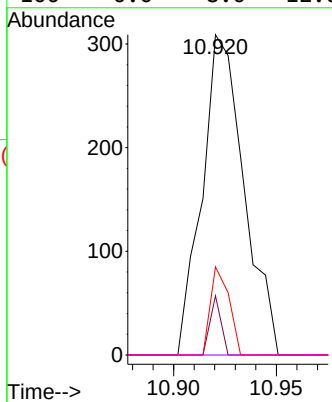
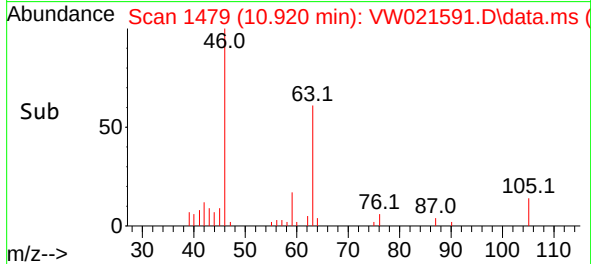


#48
2-Hexanone
Concen: 2.143 ug/L
RT: 10.920 min Scan# 1486
Delta R.T. -0.043 min
Lab File: VW021591.D
Acq: 23 Dec 2021 03:18

Instrument :
MSVOA_W
ClientSampleId :

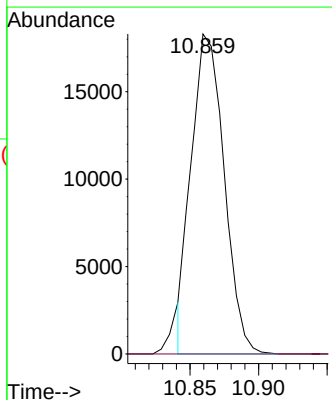
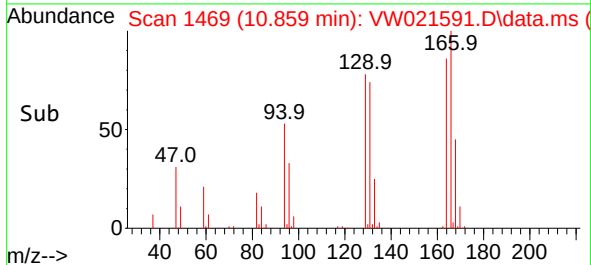
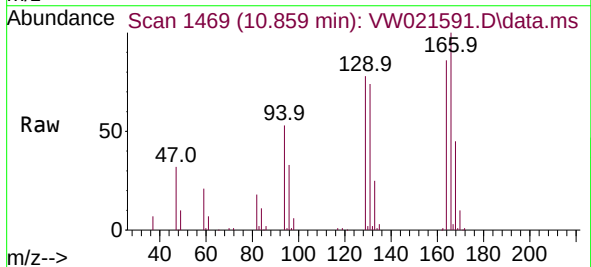


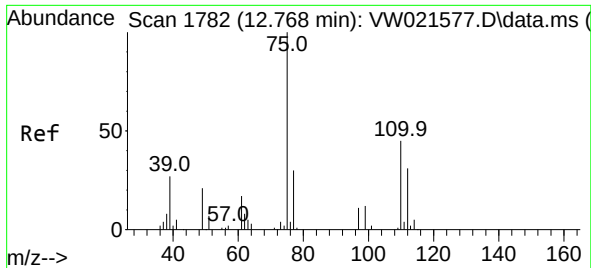
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 12.1 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 58.332 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021591.D
Acq: 23 Dec 2021 03:18

Tgt Ion:129 Resp: 30510
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.320 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021591.D
 Acq: 23 Dec 2021 03:18

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 2640
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.8 38.8
 110 1.5 29.0 43.4#

