

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021337.D
 Acq On : 11 Dec 2021 19:19
 Operator : SY/VA
 Sample : M5062-16
 Misc : 7.36g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

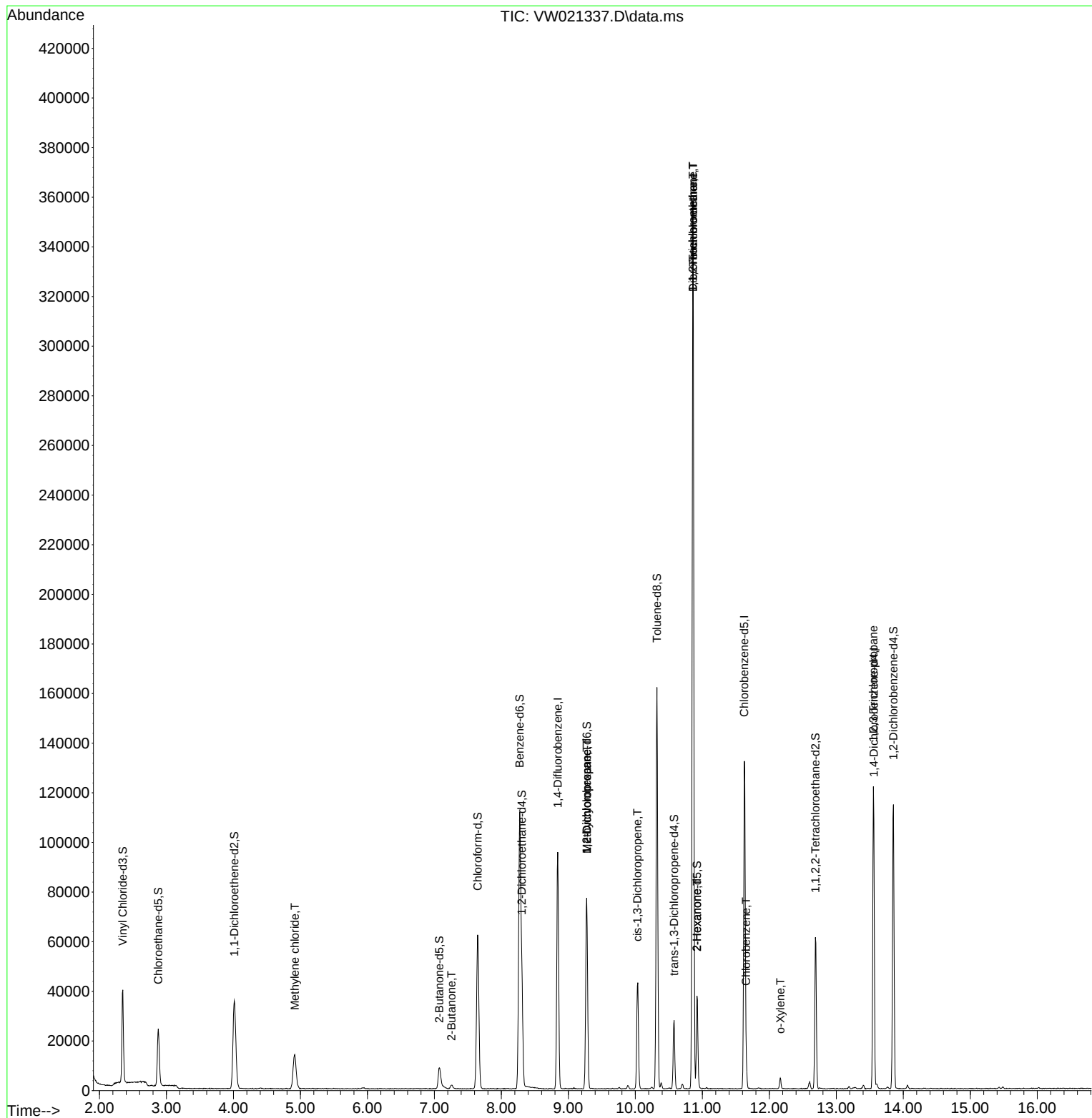
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	79381	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	72391	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	33690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35501	24.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.240%
7) Chloroethane-d5	2.879	69	26857	28.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.400%
11) 1,1-Dichloroethene-d2	4.013	63	32997	17.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.480%
21) 2-Butanone-d5	7.073	46	14905	73.138	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.280%#
24) Chloroform-d	7.646	84	61816	27.944	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.760%
26) 1,2-Dichloroethane-d4	8.305	65	33285	28.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.160%
32) Benzene-d6	8.274	84	111601	28.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.520%
36) 1,2-Dichloropropane-d6	9.274	67	32864	30.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.520%#
41) Toluene-d8	10.323	98	104113	25.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.720%
43) trans-1,3-Dichloroprop...	10.579	79	14676	29.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.800%
47) 2-Hexanone-d5	10.920	63	12324	78.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.640%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28576	31.237	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.960%#
66) 1,2-Dichlorobenzene-d4	13.853	152	30219	23.144	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.560%
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	11502	8.769	ug/L	77
22) 2-Butanone	7.256	43	2172	9.104	ug/L	# 52
35) Methylcyclohexane	9.274	83	8740	4.786	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	4106	4.668	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1311	0.945	ug/L	# 74
45) 1,1,2-Trichloroethane	10.859	97	640	0.889	ug/L	# 1
46) Tetrachloroethene	10.865	164	75748	72.030	ug/L	93
48) 2-Hexanone	10.920	43	1538	4.425	ug/L	# 70
49) Dibromochloromethane	10.859	129	65342	73.620	ug/L	# 10
51) Chlorobenzene	11.652	112	4165	1.349	ug/L	91
54) o-Xylene	12.164	106	1293	0.641	ug/L	70
61) 1,2,3-Trichloropropane	13.554	75	3844	7.840	ug/L	# 67

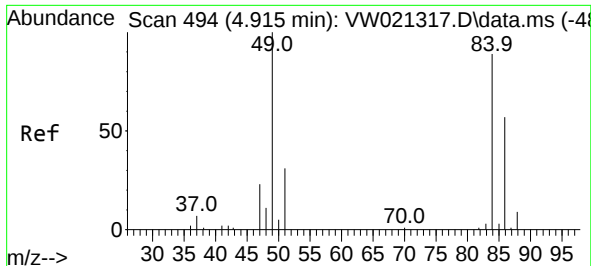
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :

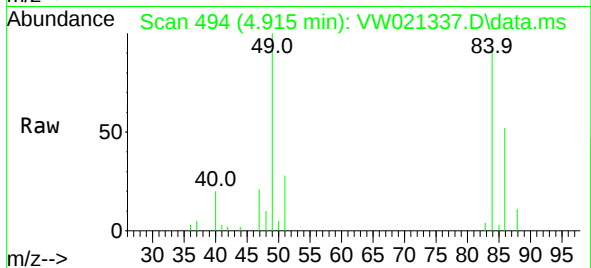
Quant Time: Dec 12 08:09:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration



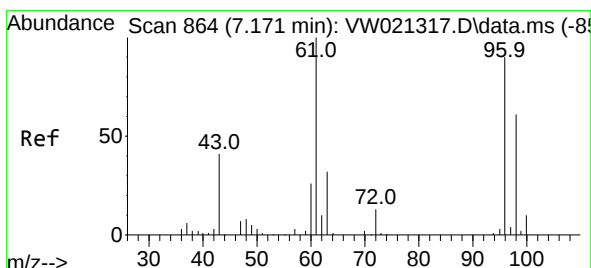
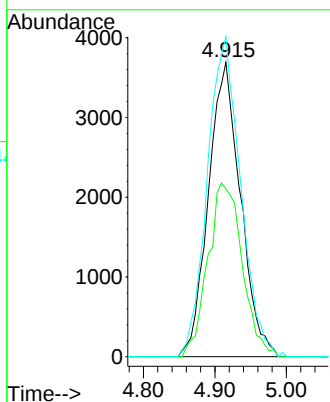
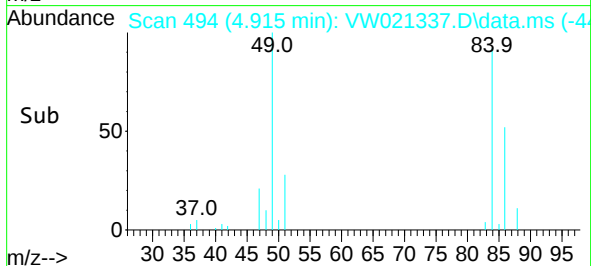


#16
Methylene chloride
Concen: 8.769 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

Instrument :
MSVOA_W
ClientSampleId :

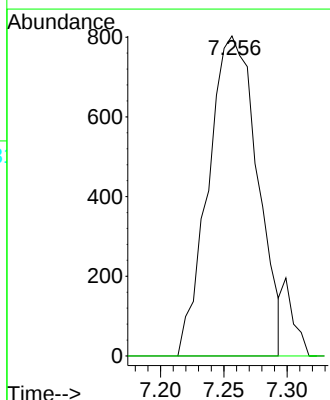
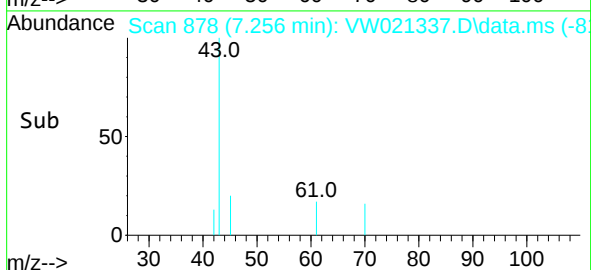
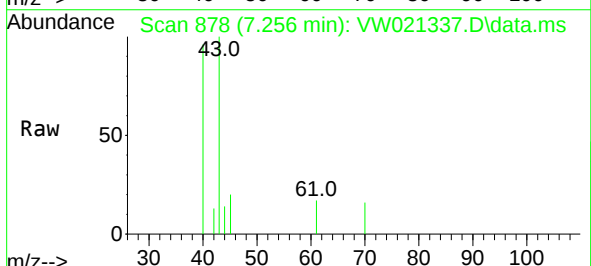


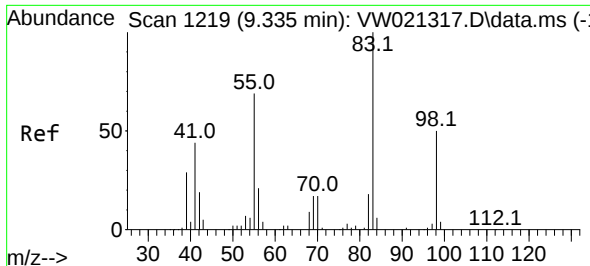
Tgt Ion: 84 Resp: 11502
Ion Ratio Lower Upper
84 100
86 57.0 45.5 84.5
49 108.7 100.5 186.7



#22
2-Butanone
Concen: 9.104 ug/L
RT: 7.256 min Scan# 878
Delta R.T. 0.085 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

Tgt Ion: 43 Resp: 2172
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#

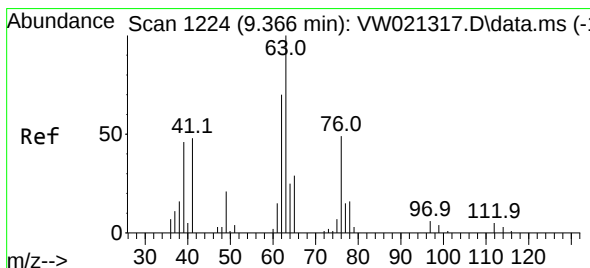
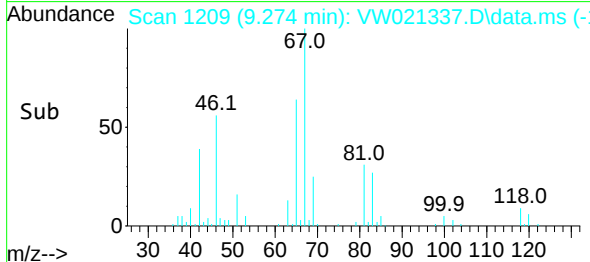
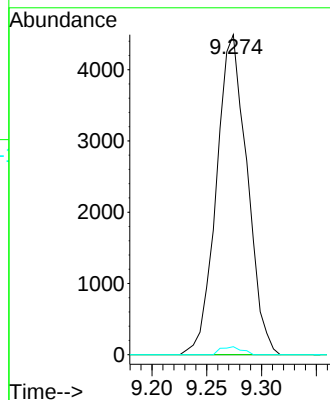
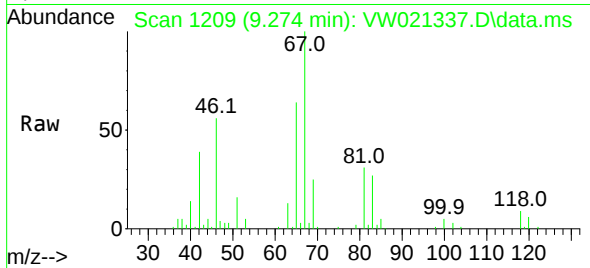




#35
Methylcyclohexane
Concen: 4.786 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

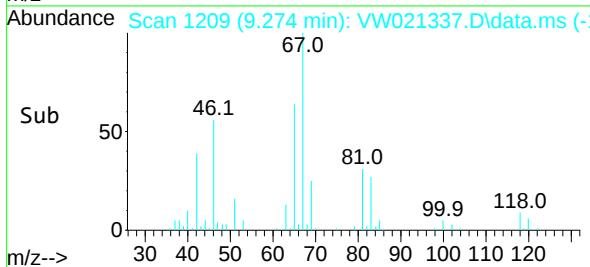
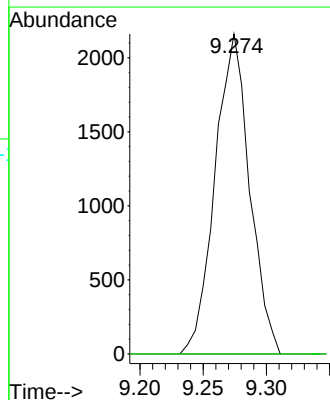
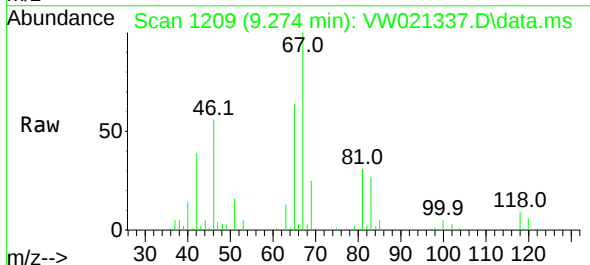
Instrument :
MSVOA_W
ClientSampleId :

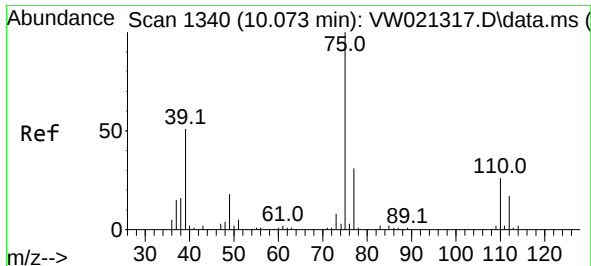
Tgt Ion: 83 Resp: 8740
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.7 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 4.668 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

Tgt Ion: 63 Resp: 4106
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021337.D

Acq: 11 Dec 2021 19:19

Instrument :

MSVOA_W

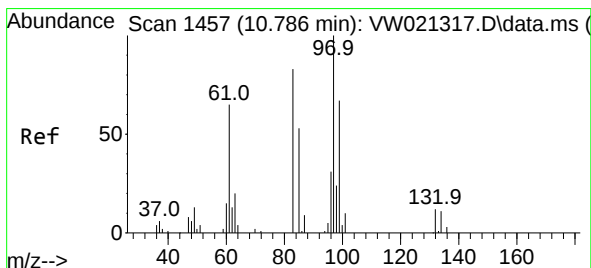
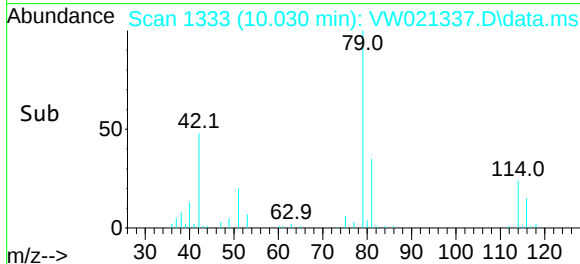
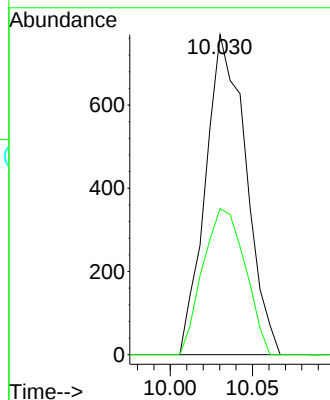
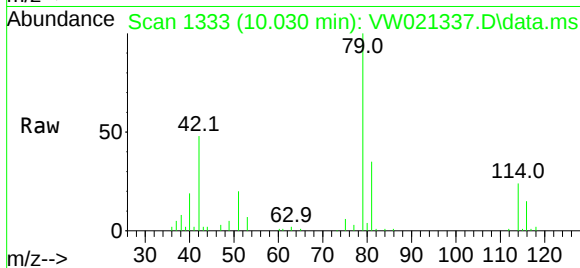
ClientSampleId :

Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

75 100

77 45.6 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.889 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.073 min

Lab File: VW021337.D

Acq: 11 Dec 2021 19:19

Tgt Ion: 97 Resp: 640

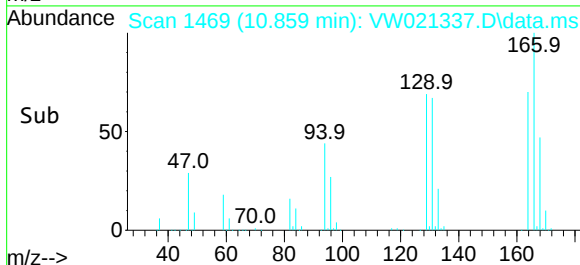
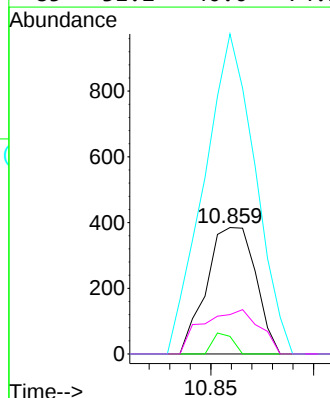
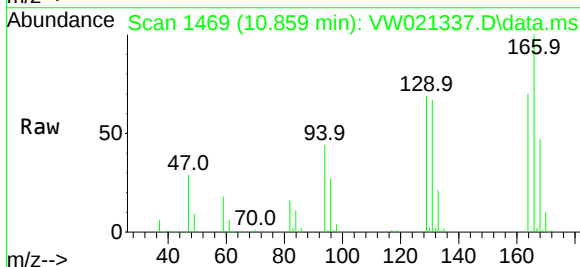
Ion Ratio Lower Upper

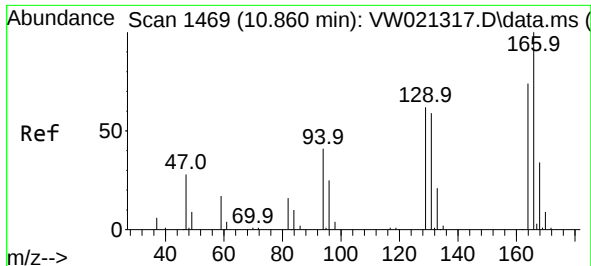
97 100

99 14.0 43.0 79.8#

83 253.0 62.6 116.3#

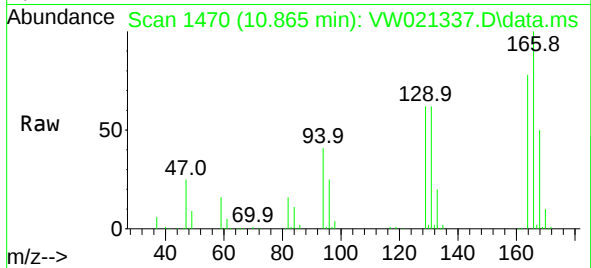
85 31.2 40.0 74.2#



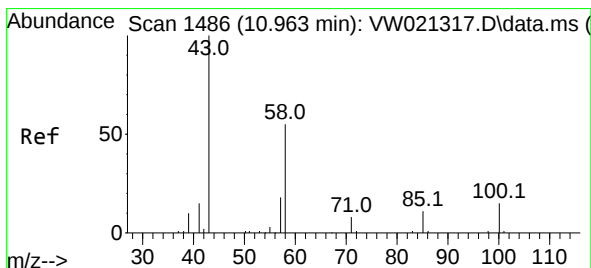
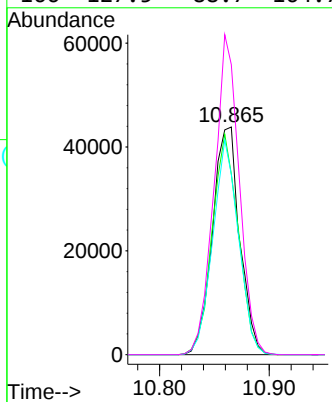
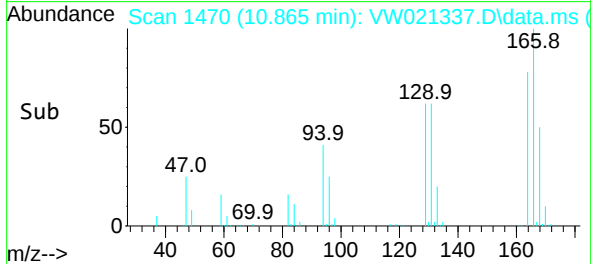


#46
Tetrachloroethene
Concen: 72.030 ug/L
RT: 10.865 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

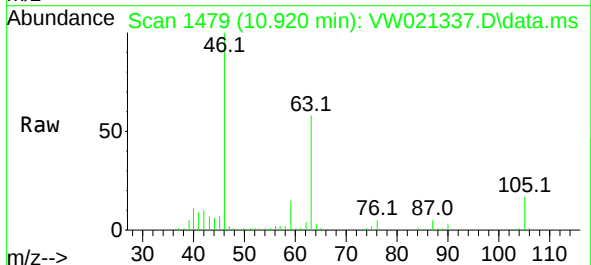
Instrument :
MSVOA_W
ClientSampleId :



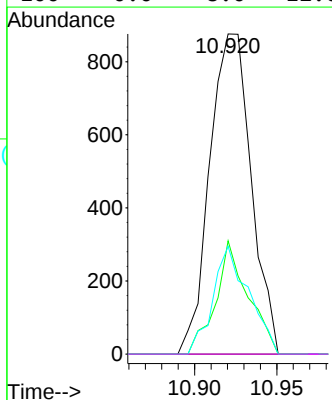
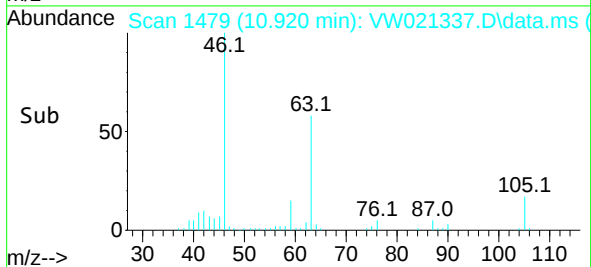
Tgt Ion:164 Resp: 75748
Ion Ratio Lower Upper
164 100
129 79.3 65.5 121.7
131 79.2 59.7 110.9
166 127.5 88.7 164.7

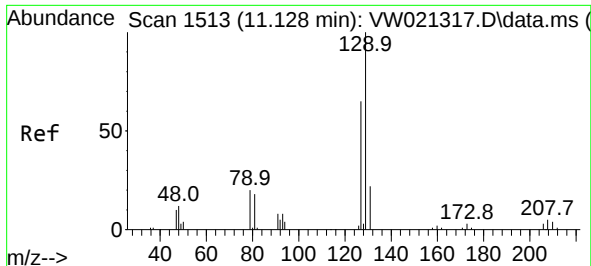


#48
2-Hexanone
Concen: 4.425 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19



Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
58 27.6 40.2 60.2#
57 29.1 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 73.620 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.269 min

Lab File: VW021337.D

Acq: 11 Dec 2021 19:19

Instrument :

MSVOA_W

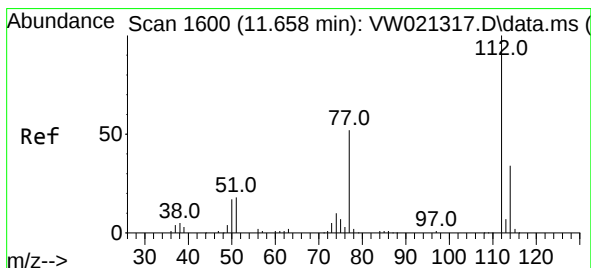
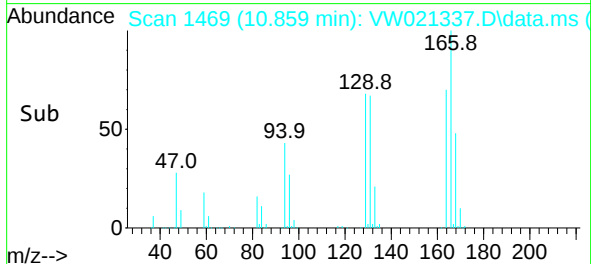
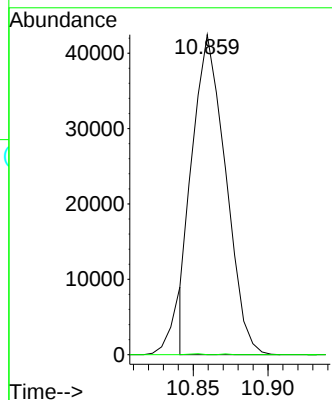
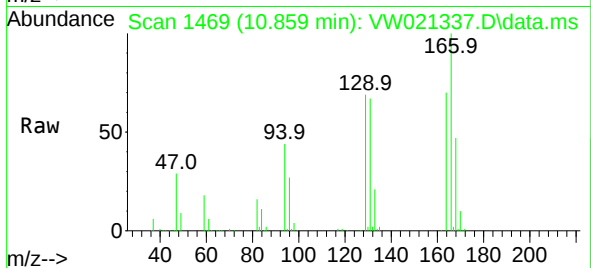
ClientSampleId :

Tgt Ion:129 Resp: 65342

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#51

Chlorobenzene

Concen: 1.349 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW021337.D

Acq: 11 Dec 2021 19:19

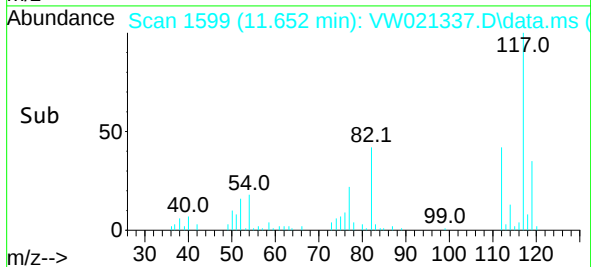
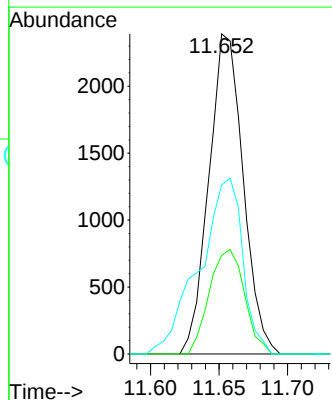
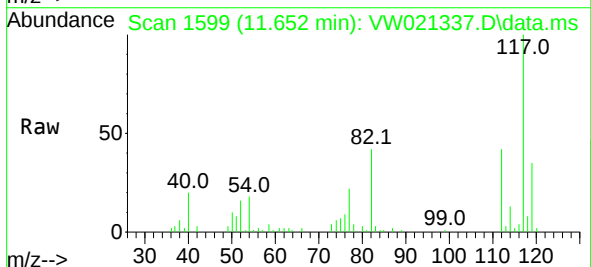
Tgt Ion:112 Resp: 4165

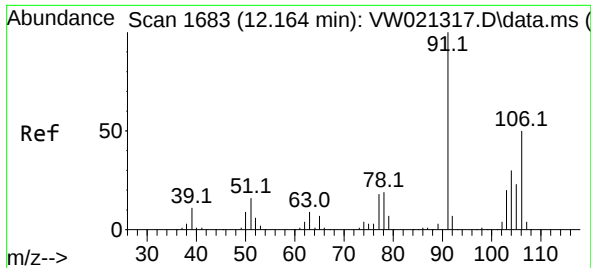
Ion Ratio Lower Upper

112 100

114 30.9 22.4 41.6

77 52.8 50.2 75.4

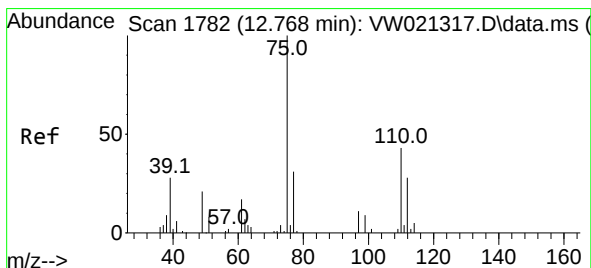
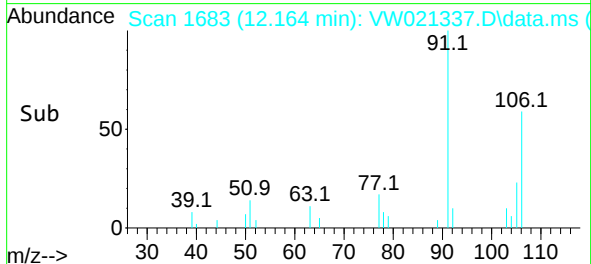
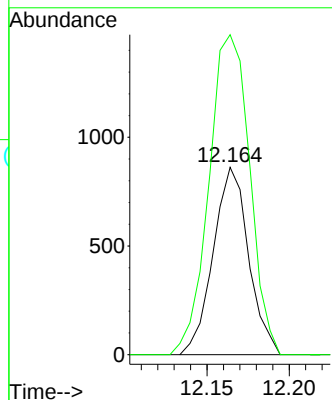
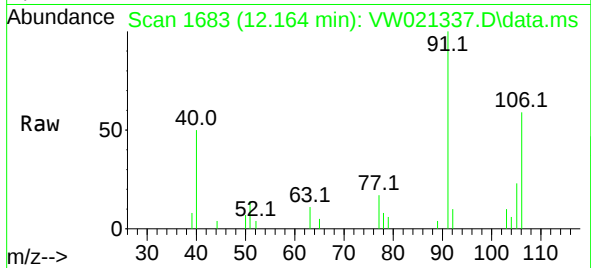




#54
o-Xylene
Concen: 0.641 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 1293
Ion Ratio Lower Upper
106 100
91 170.8 153.6 285.3



#61
1,2,3-Trichloropropane
Concen: 7.840 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

Tgt Ion: 75 Resp: 3844
Ion Ratio Lower Upper
75 100
77 35.0 25.8 38.8
110 2.5 29.0 43.4#

