

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021139.D
 Acq On : 05 Dec 2021 01:02
 Operator : SY/VA
 Sample : M4883-15RE
 Misc : 5.23g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 04:29:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

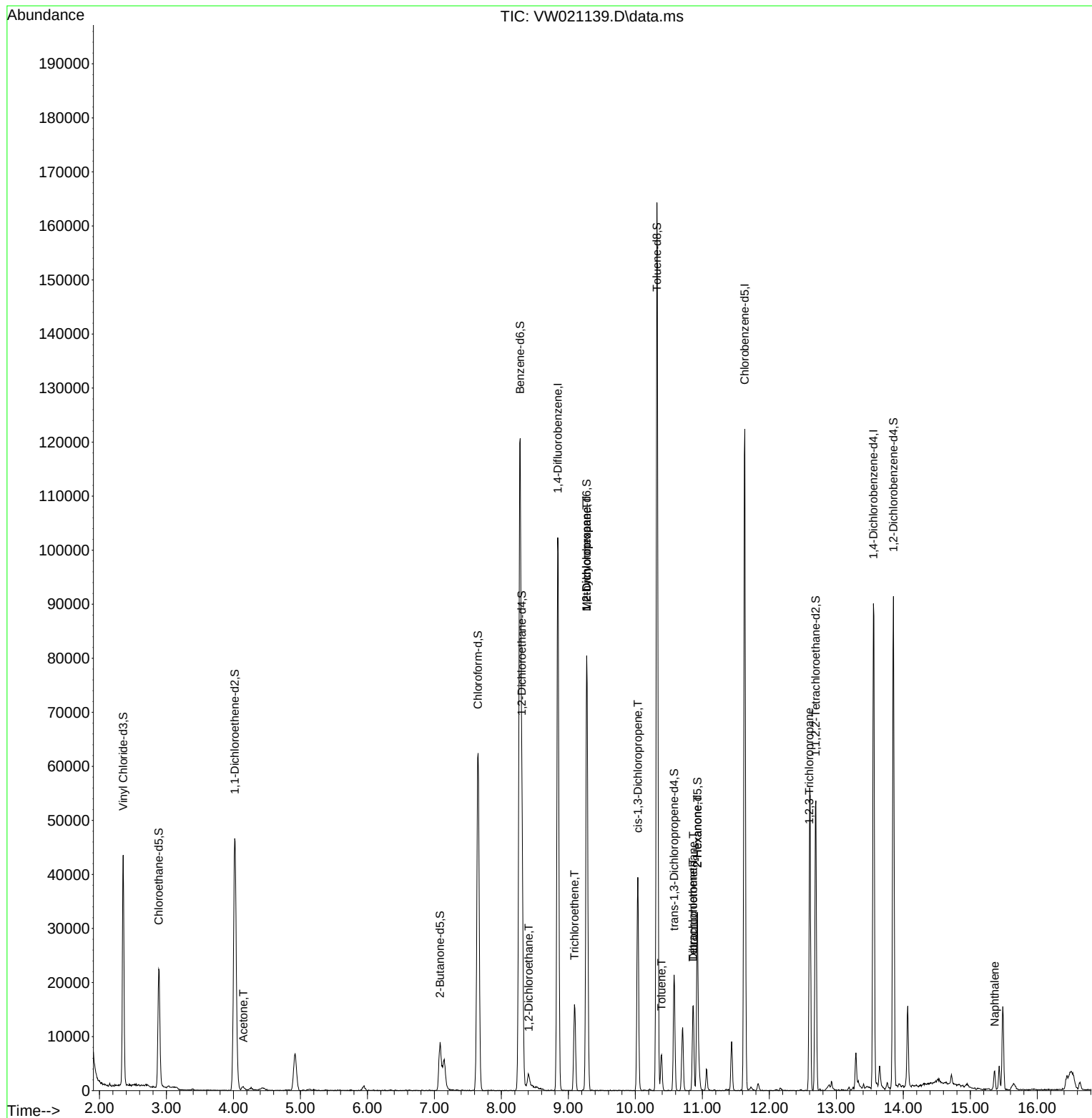
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	86213	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	68553	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	23650	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41134	34.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 136.960%	
7) Chloroethane-d5	2.885	69	25216	31.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 125.440%	
11) 1,1-Dichloroethene-d2	4.019	63	43962	22.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 91.640%	
21) 2-Butanone-d5	7.086	46	14366	52.434	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.860%	
24) Chloroform-d	7.653	84	62973	29.167	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.680%	
26) 1,2-Dichloroethane-d4	8.305	65	35197	29.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 119.200%	
32) Benzene-d6	8.281	84	119569	34.112	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 136.440%#	
36) 1,2-Dichloropropane-d6	9.274	67	34209	35.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 140.480%#	
41) Toluene-d8	10.323	98	104719	29.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 116.560%	
43) trans-1,3-Dichloroprop...	10.579	79	11262	25.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.840%	
47) 2-Hexanone-d5	10.926	63	10482	56.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.480%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	24782	27.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.000%	
66) 1,2-Dichlorobenzene-d4	13.853	152	22415	26.452	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	1430	5.730	ug/L	76
27) 1,2-Dichloroethane	8.409	62	1721	1.241	ug/L #	91
34) Trichloroethene	9.091	95	5042	4.688	ug/L	89
35) Methylcyclohexane	9.274	83	9150	5.054	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4535	5.147	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1143	0.802	ug/L	89
42) Toluene	10.390	91	5229	1.174	ug/L	100
46) Tetrachloroethene	10.859	164	3447	3.500	ug/L	90
48) 2-Hexanone	10.926	43	1713	3.956	ug/L #	69
49) Dibromochloromethane	10.866	129	3148	3.410	ug/L #	10
61) 1,2,3-Trichloropropane	12.597	75	525	1.325	ug/L #	59
71) Naphthalene	15.365	128	3375	1.942	ug/L	98

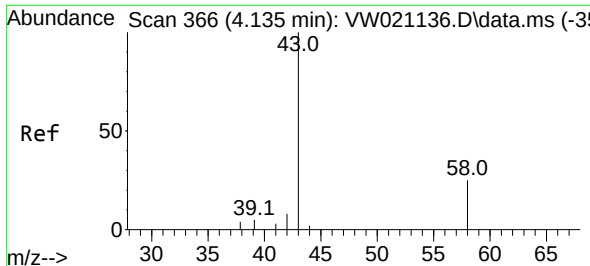
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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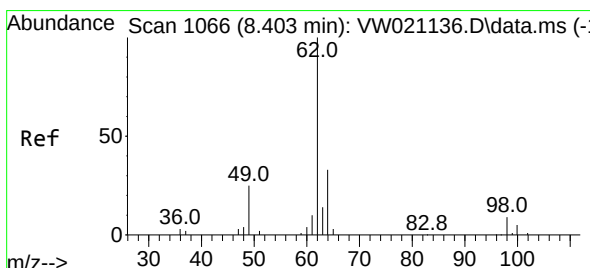
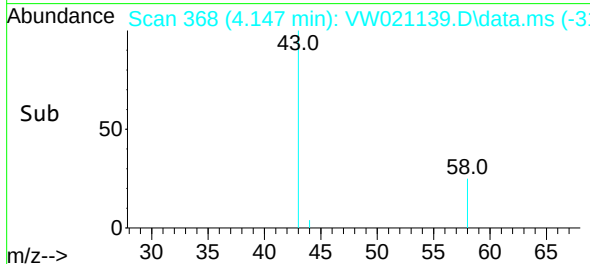
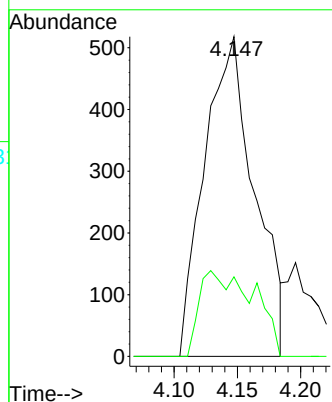
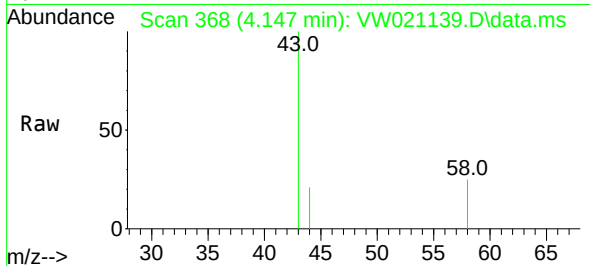




#13
Acetone
Concen: 5.730 ug/L
RT: 4.147 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW021139.D
Acq: 05 Dec 2021 01:02

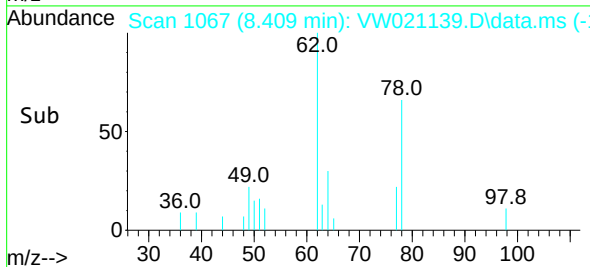
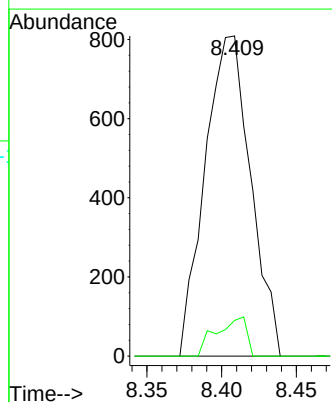
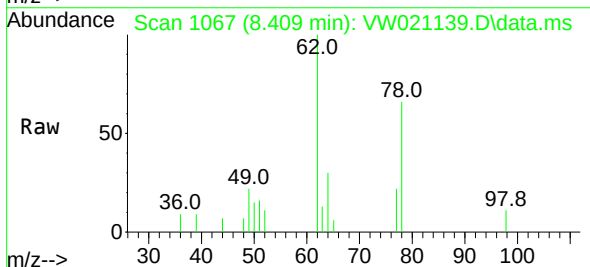
Instrument :
MSVOA_W
ClientSampleId :

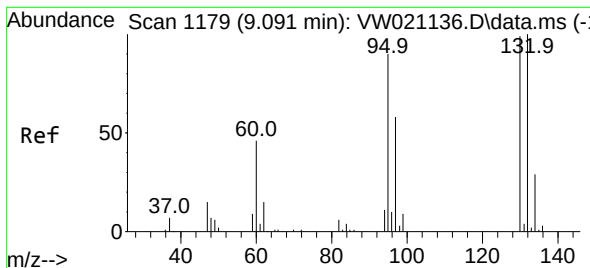
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 14.2 0.0 52.8



#27
1,2-Dichloroethane
Concen: 1.241 ug/L
RT: 8.409 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VW021139.D
Acq: 05 Dec 2021 01:02

Tgt Ion: 62 Resp: 1721
Ion Ratio Lower Upper
62 100
98 11.1 6.5 9.7#





#34

Trichloroethene

Concen: 4.688 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

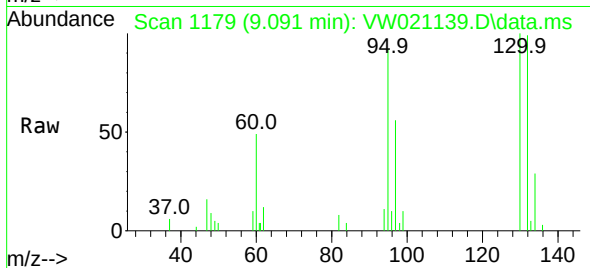
Lab File: VW021139.D

Acq: 05 Dec 2021 01:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 5042

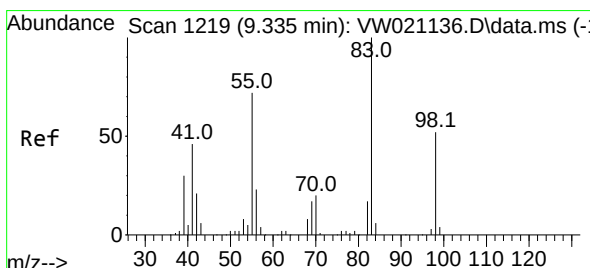
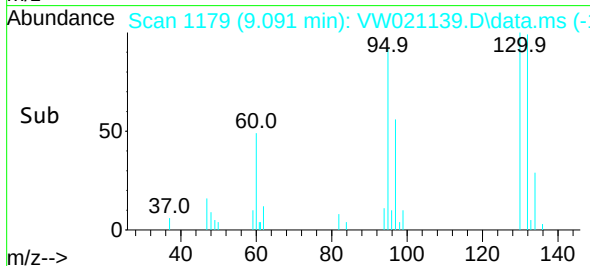
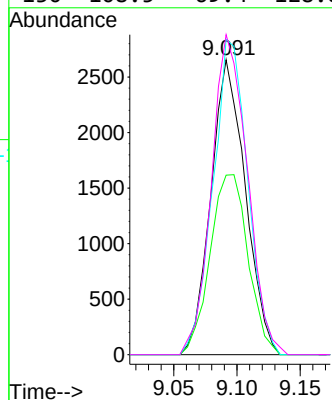
Ion Ratio Lower Upper

95 100

97 60.9 47.0 87.2

132 106.9 65.5 121.6

130 108.5 69.4 128.8



#35

Methylcyclohexane

Concen: 5.054 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021139.D

Acq: 05 Dec 2021 01:02

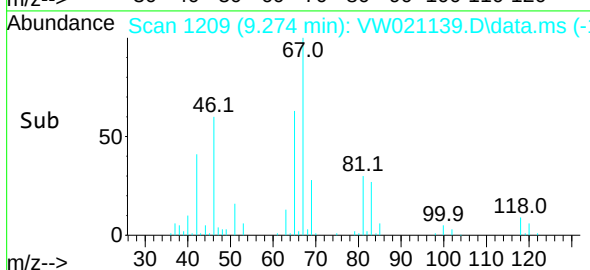
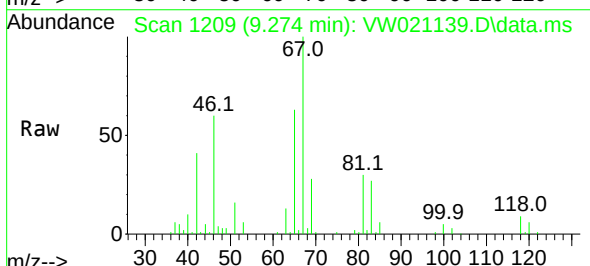
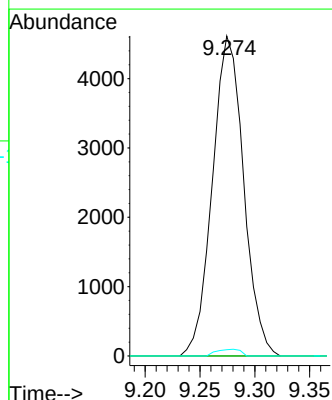
Tgt Ion: 83 Resp: 9150

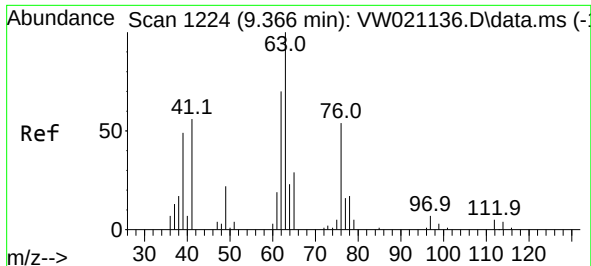
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 5.147 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021139.D

Acq: 05 Dec 2021 01:02

Instrument :

MSVOA_W

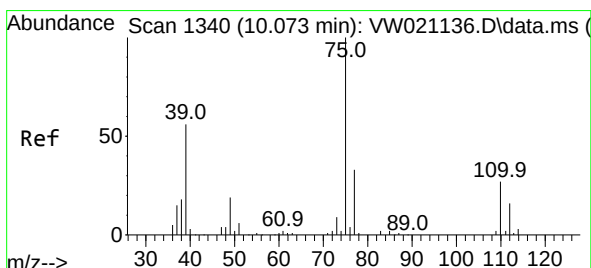
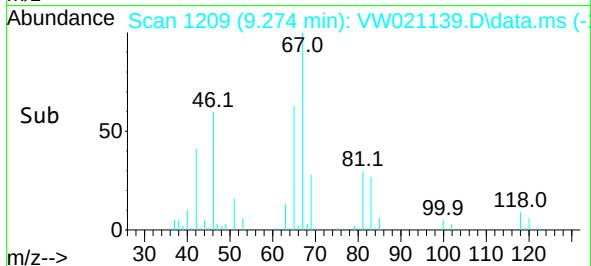
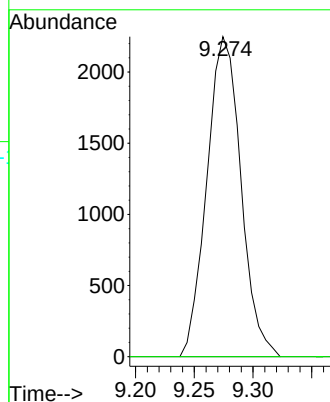
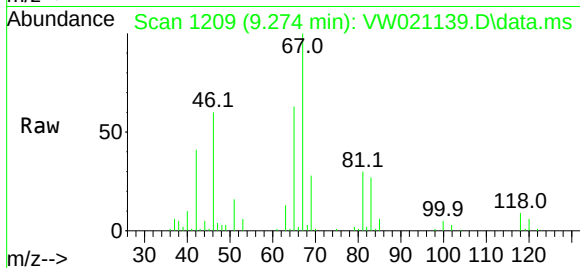
ClientSampleId :

Tgt Ion: 63 Resp: 4535

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021139.D

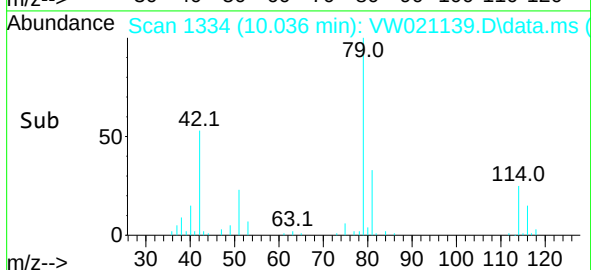
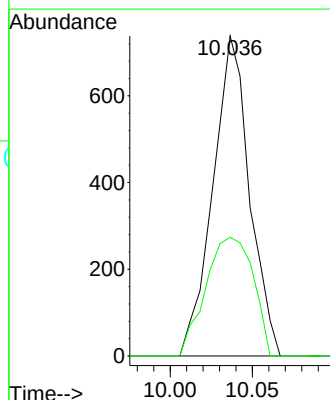
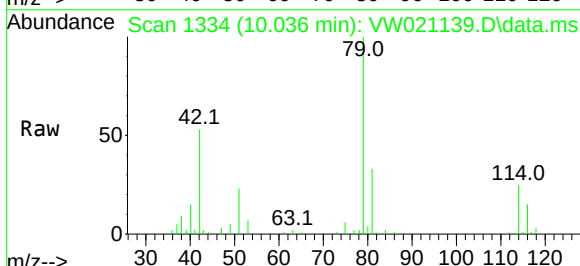
Acq: 05 Dec 2021 01:02

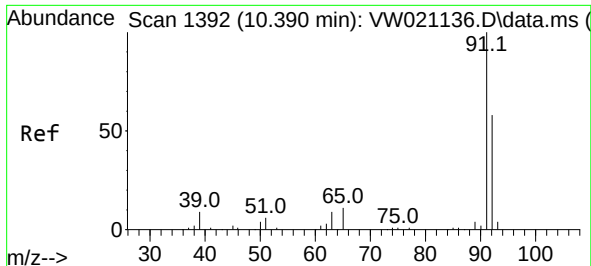
Tgt Ion: 75 Resp: 1143

Ion Ratio Lower Upper

75 100

77 37.1 21.8 40.6

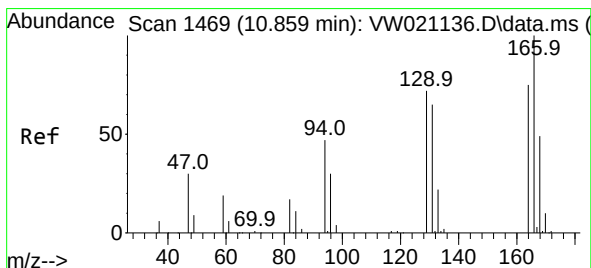
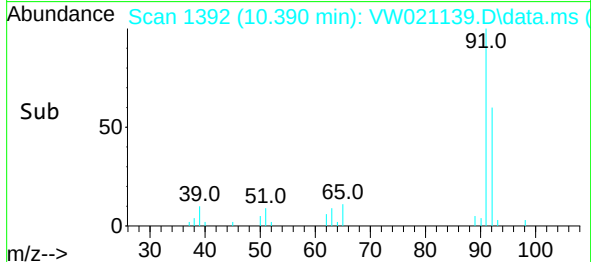
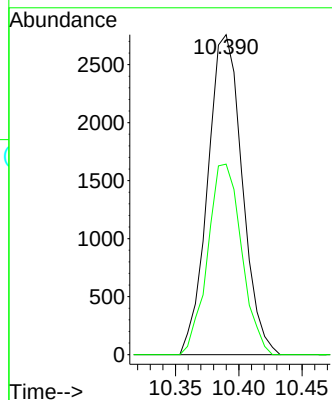
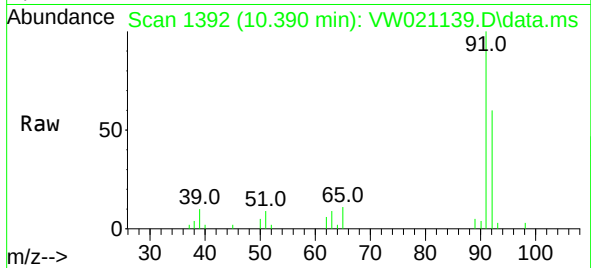




#42
Toluene
Concen: 1.174 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021139.D
Acq: 05 Dec 2021 01:02

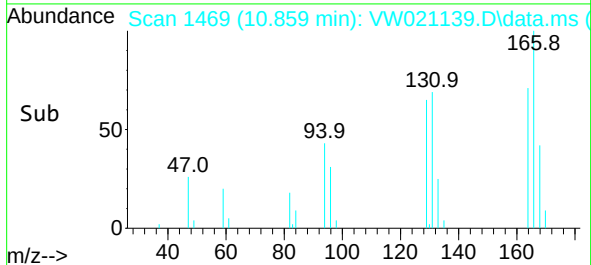
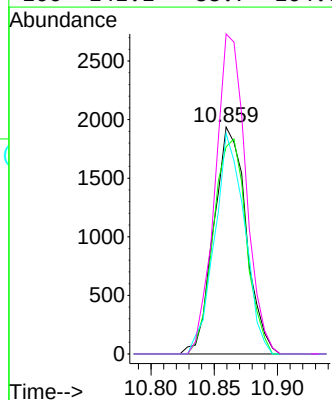
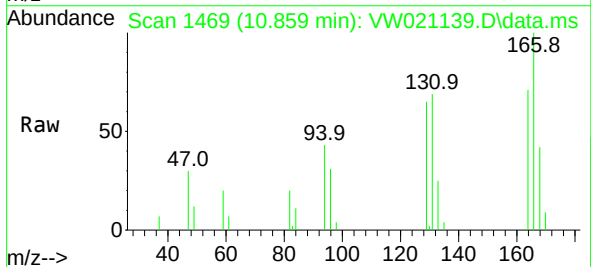
Instrument :
MSVOA_W
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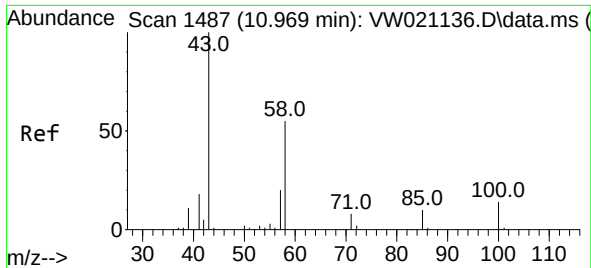
Tgt Ion: 91 Resp: 5229
Ion Ratio Lower Upper
91 100
92 59.6 41.7 77.5



#46
Tetrachloroethene
Concen: 3.500 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021139.D
Acq: 05 Dec 2021 01:02

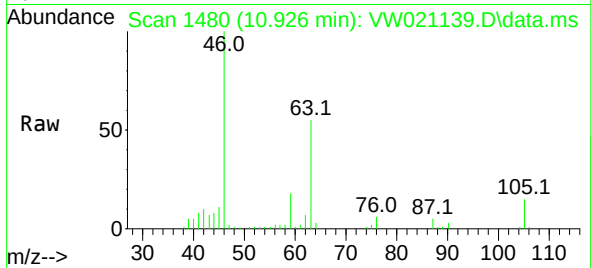
Tgt Ion:164 Resp: 3447
Ion Ratio Lower Upper
164 100
129 91.4 65.5 121.7
131 97.2 59.7 110.9
166 141.1 88.7 164.7



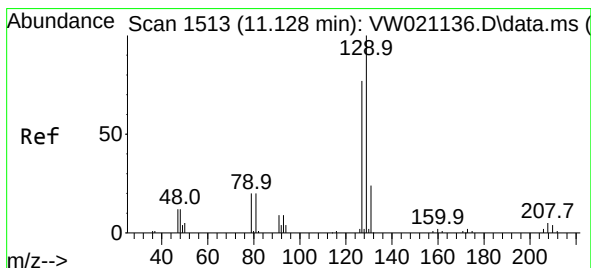
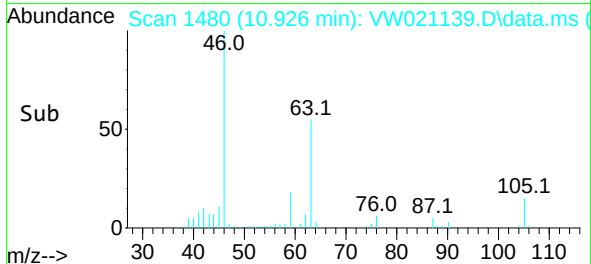
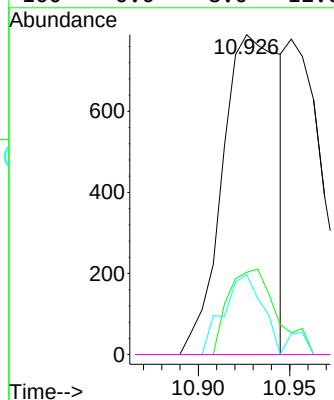


#48
2-Hexanone
Concen: 3.956 ug/L
RT: 10.926 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021139.D
Acq: 05 Dec 2021 01:02

Instrument :
MSVOA_W
ClientSampleId :

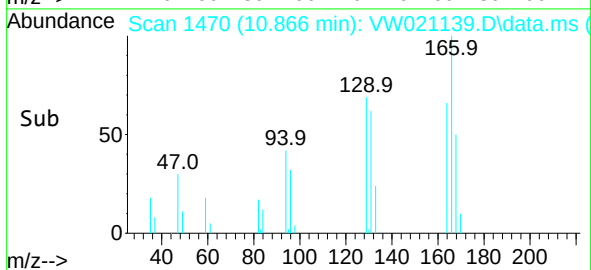
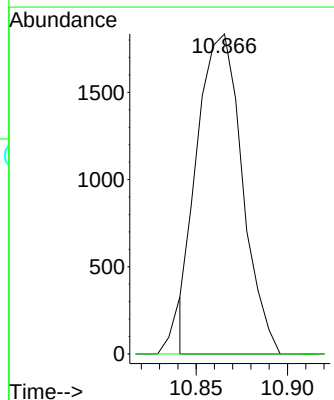
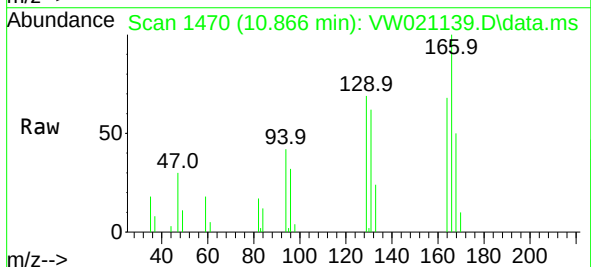


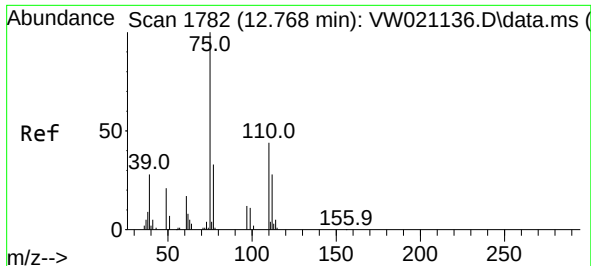
Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 21.4 40.2 60.2#
57 17.1 14.3 21.5
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 3.410 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021139.D
Acq: 05 Dec 2021 01:02

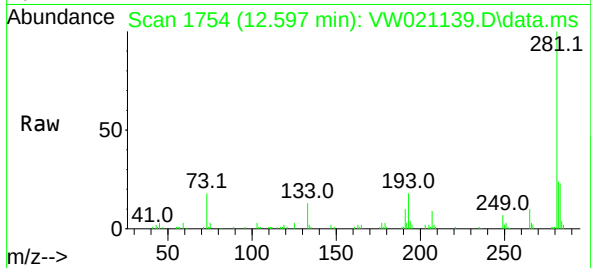
Tgt Ion: 129 Resp: 3148
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



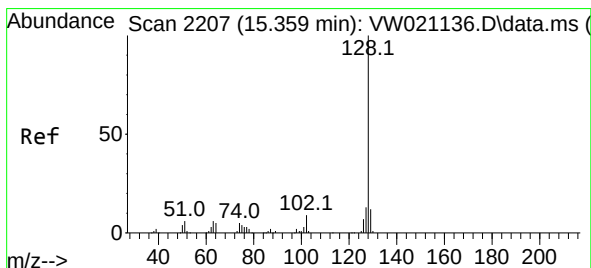
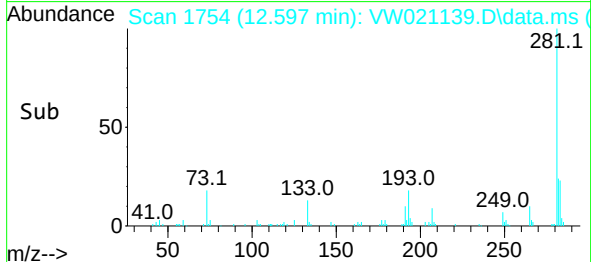
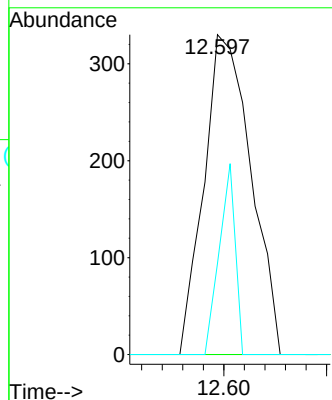


#61
1,2,3-Trichloropropane
Concen: 1.325 ug/L
RT: 12.597 min Scan# 1
Delta R.T. -0.171 min
Lab File: VW021139.D
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Tgt Ion: 75 Resp: 525
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 20.4 29.0 43.4#



#71
Naphthalene
Concen: 1.942 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW021139.D
Acq: 05 Dec 2021 01:02

Tgt Ion: 128 Resp: 3375
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 10.2 8.6 12.8

