

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021366.D
 Acq On : 13 Dec 2021 16:17
 Operator : SY/VA
 Sample : M5062-16RE
 Misc : 7.18g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:37:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 14 00:34:04 2021
 Response via : Initial Calibration

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

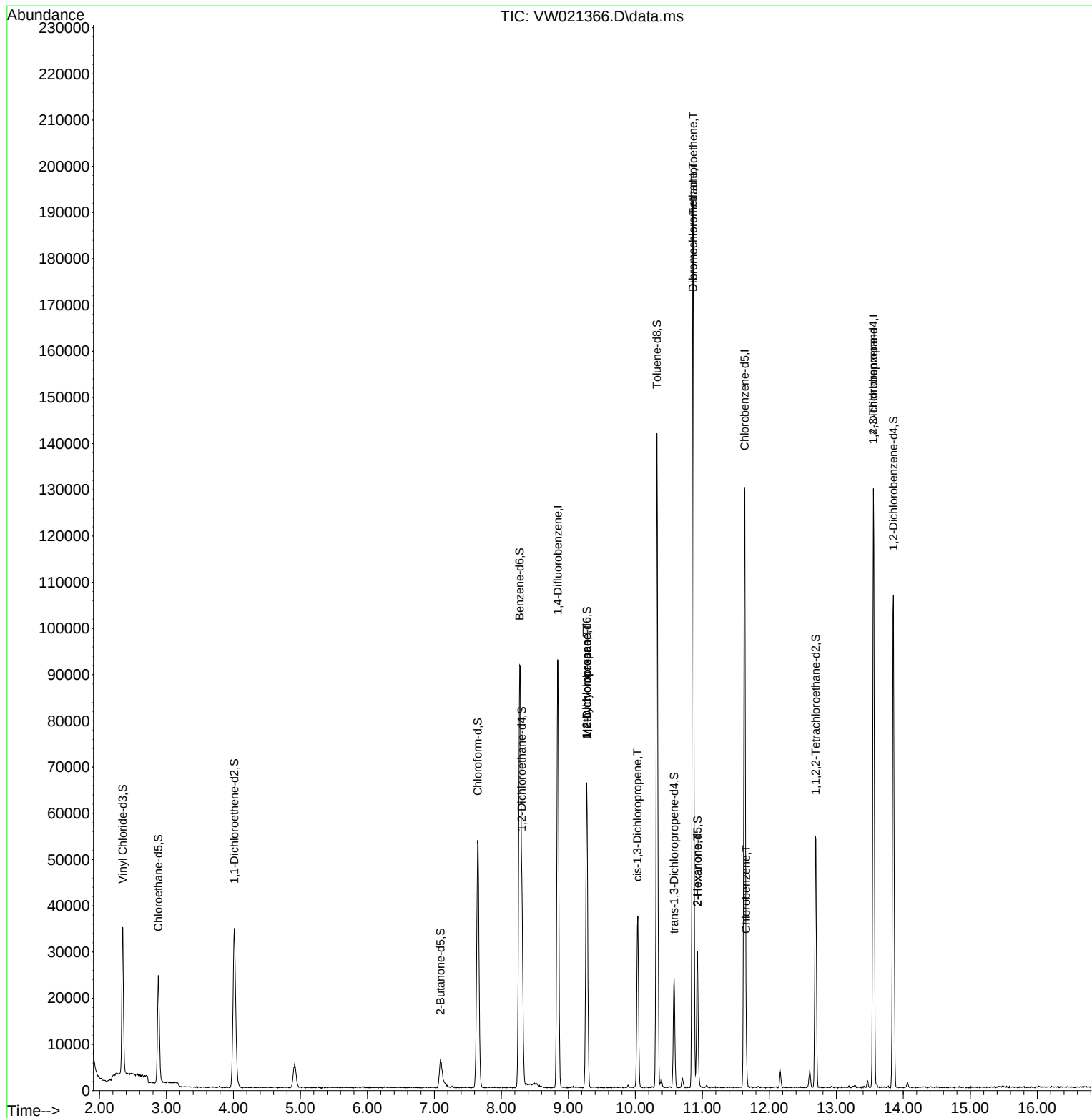
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	78360	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	74033	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	35428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32485	22.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.040%
7) Chloroethane-d5	2.879	69	25682	27.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.880%
11) 1,1-Dichloroethene-d2	4.013	63	31250	16.425	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.680%
21) 2-Butanone-d5	7.092	46	11449	56.912	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.820%
24) Chloroform-d	7.647	84	53147	24.338	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.305	65	28520	24.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.275	84	94756	23.350	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	9.274	67	27841	25.582	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.320%
41) Toluene-d8	10.323	98	90502	21.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.320%
43) trans-1,3-Dichloroprop...	10.579	79	12389	24.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.880%
47) 2-Hexanone-d5	10.927	63	9968	61.939	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.880%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	25314	27.058	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	28721	20.918	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.680%
Target Compounds						Qvalue
35) Methylcyclohexane	9.274	83	7617	4.079	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3575	3.974	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1094	0.771	ug/L	95
46) Tetrachloroethene	10.866	164	42147	39.190	ug/L	91
48) 2-Hexanone	10.927	43	1220	3.432	ug/L	# 68
49) Dibromochloromethane	10.859	129	36442	40.148	ug/L	# 10
51) Chlorobenzene	11.652	112	2704	0.856	ug/L	92
61) 1,2,3-Trichloropropane	13.554	75	3811	7.391	ug/L	# 66

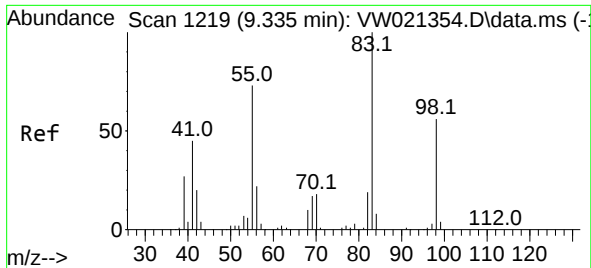
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 14 00:34:04 2021
Response via : Initial Calibration

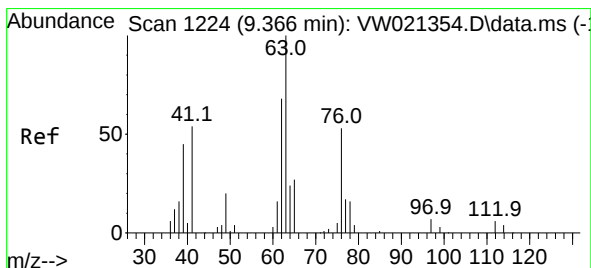
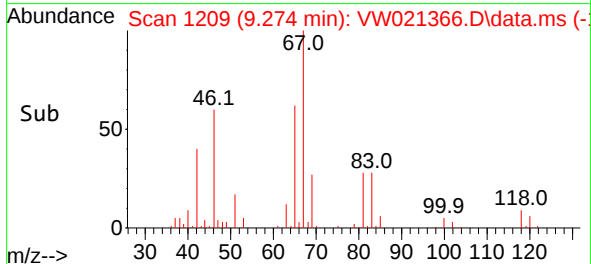
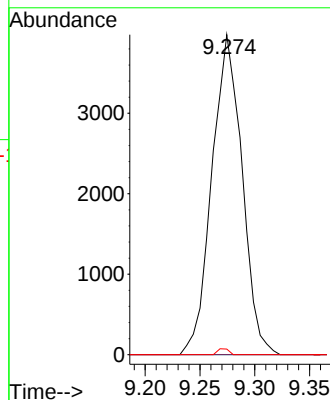
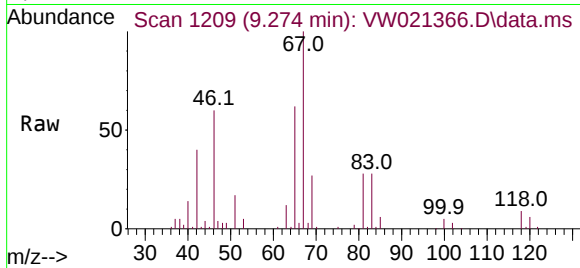




#35
Methylcyclohexane
Concen: 4.079 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021366.D
Acq: 13 Dec 2021 16:17

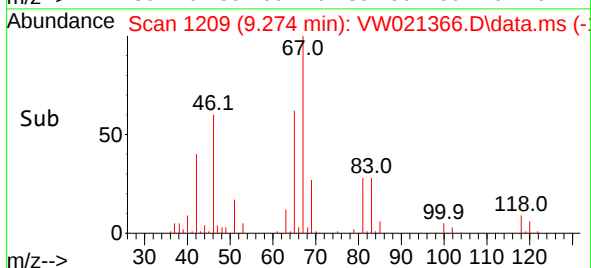
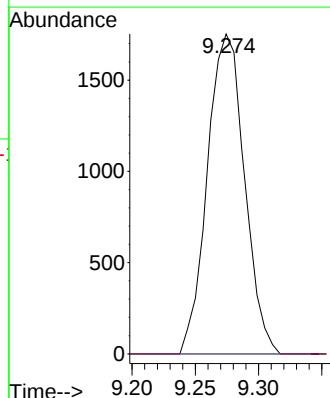
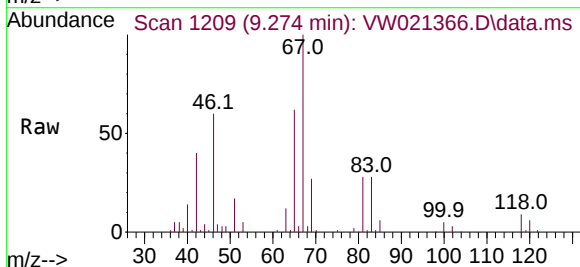
Instrument :
MSVOA_W
ClientSampleId :

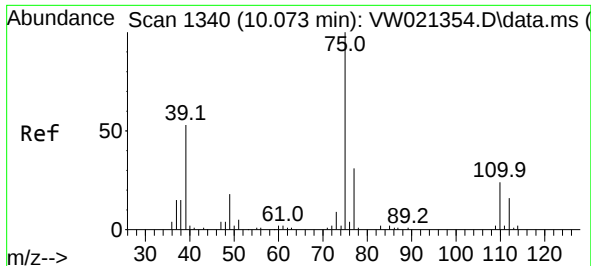
Tgt Ion: 83 Resp: 7617
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.7 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.974 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021366.D
Acq: 13 Dec 2021 16:17

Tgt Ion: 63 Resp: 3575
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.771 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.042 min

Lab File: VW021366.D

Acq: 13 Dec 2021 16:17

Instrument :

MSVOA_W

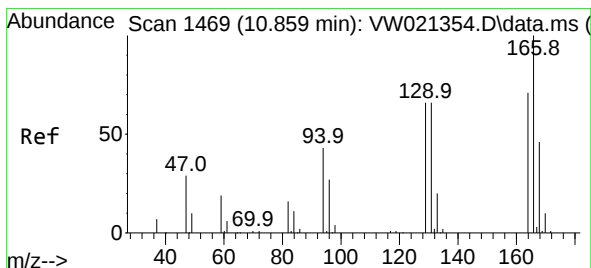
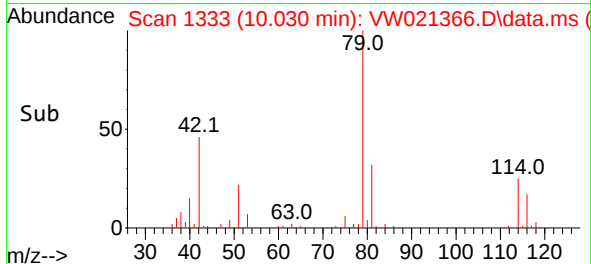
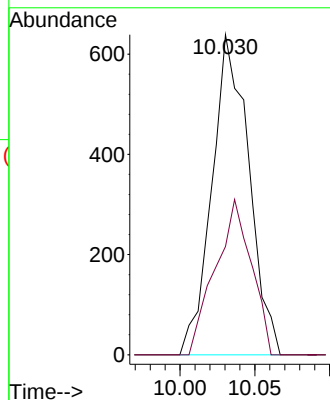
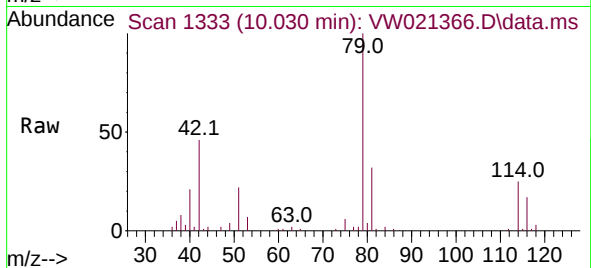
ClientSampleId :

Tgt Ion: 75 Resp: 1094

Ion Ratio Lower Upper

75 100

77 33.8 21.8 40.6



#46

Tetrachloroethene

Concen: 39.190 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021366.D

Acq: 13 Dec 2021 16:17

Tgt Ion:164 Resp: 42147

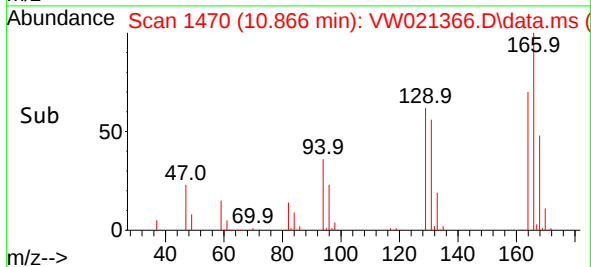
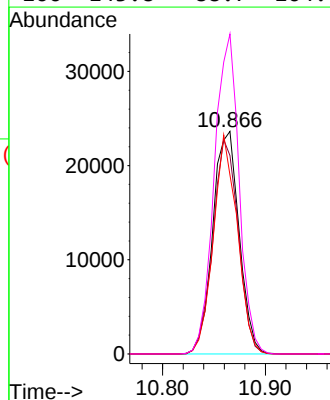
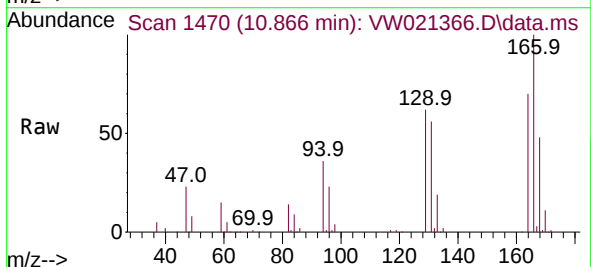
Ion Ratio Lower Upper

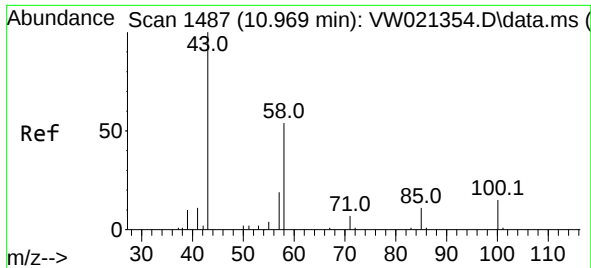
164 100

129 89.2 65.5 121.7

131 80.4 59.7 110.9

166 143.8 88.7 164.7

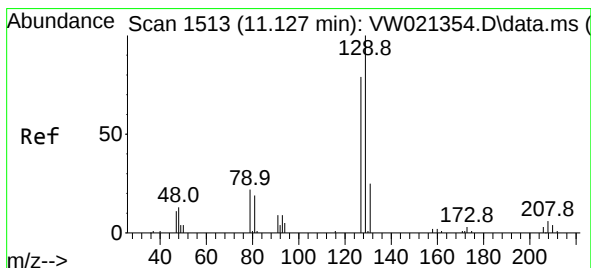
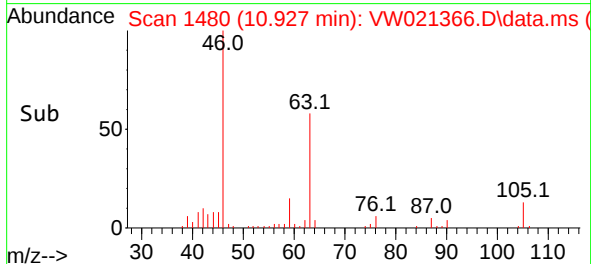
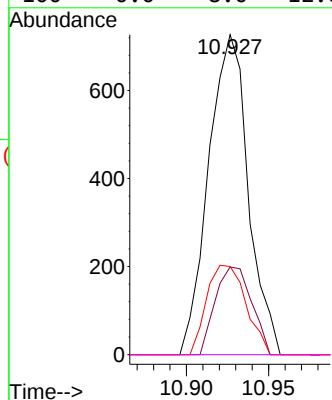
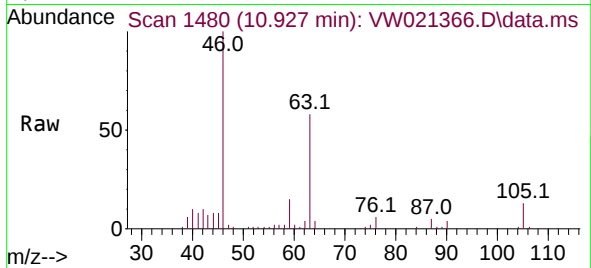




#48
2-Hexanone
Concen: 3.432 ug/L
RT: 10.927 min Scan# 1487
Delta R.T. -0.042 min
Lab File: VW021366.D
Acq: 13 Dec 2021 16:17

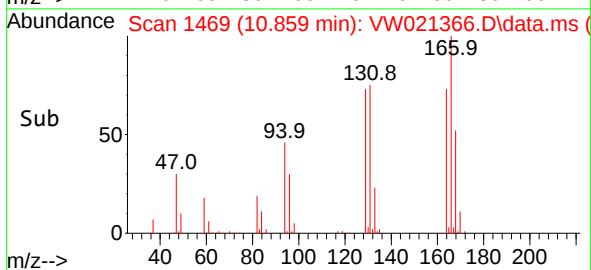
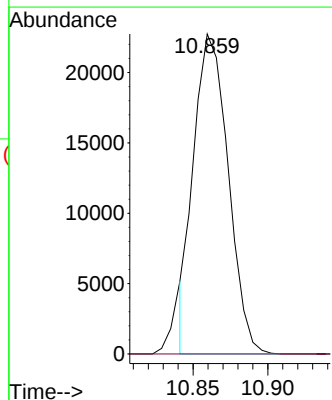
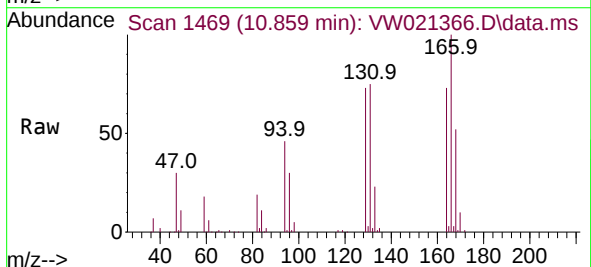
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MSVOA_W
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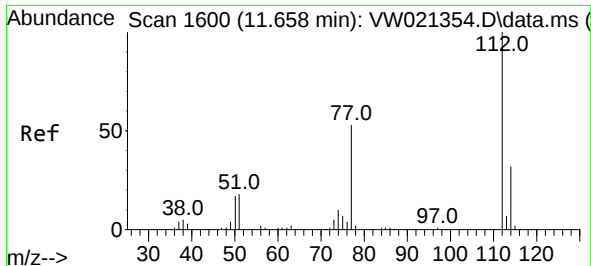
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 25.0 40.2 60.2#
57 27.7 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 40.148 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021366.D
Acq: 13 Dec 2021 16:17

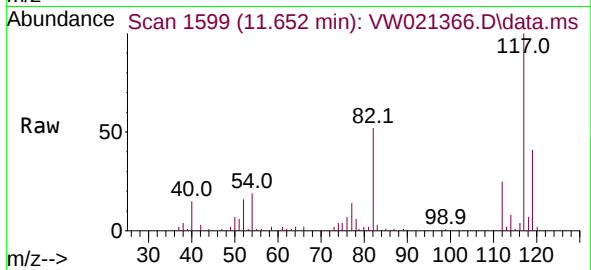
Tgt Ion:129 Resp: 36442
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



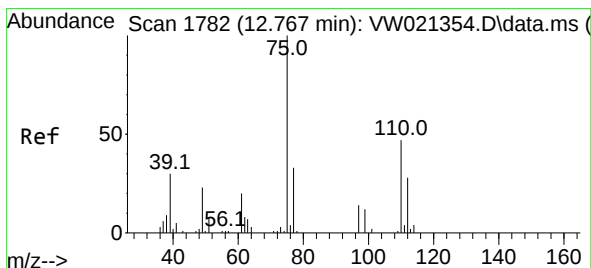
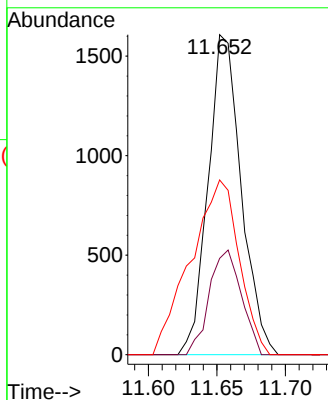
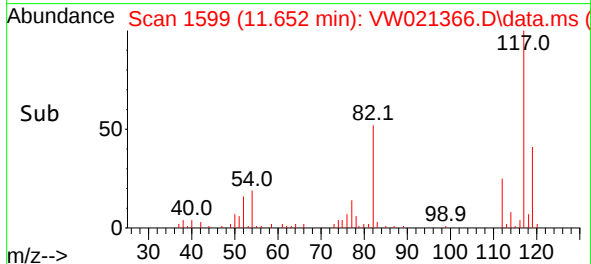


#51
Chlorobenzene
Concen: 0.856 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021366.D
Acq: 13 Dec 2021 16:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:112 Resp: 2704
Ion Ratio Lower Upper
112 100
114 30.1 22.4 41.6
77 54.6 50.2 75.4



#61
1,2,3-Trichloropropane
Concen: 7.391 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW021366.D
Acq: 13 Dec 2021 16:17

Tgt Ion: 75 Resp: 3811
Ion Ratio Lower Upper
75 100
77 37.4 25.8 38.8
110 2.8 29.0 43.4#

