

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021364.D
 Acq On : 13 Dec 2021 15:29
 Operator : SY/VA
 Sample : M5062-10RE
 Misc : 6.69g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:36:43 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)

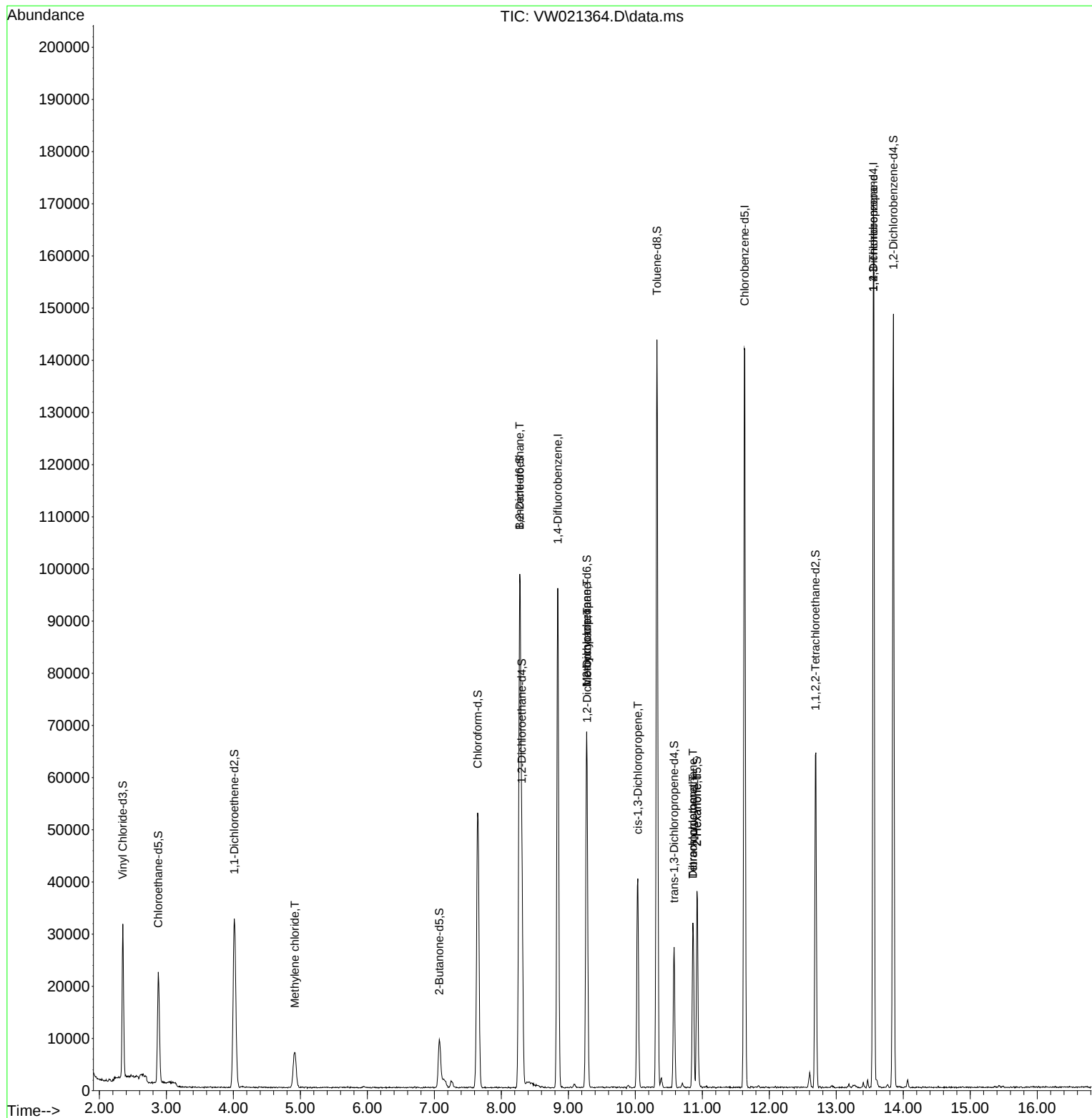
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	80393	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	82509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	45702	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26748	18.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
7) Chloroethane-d5	2.879	69	24127	24.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.720%
11) 1,1-Dichloroethene-d2	4.013	63	30630	15.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.760%
21) 2-Butanone-d5	7.074	46	15570	75.440	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.880%#
24) Chloroform-d	7.647	84	54921	24.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.040%
26) 1,2-Dichloroethane-d4	8.305	65	31215	26.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.760%
32) Benzene-d6	8.275	84	99465	21.993	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.960%
36) 1,2-Dichloropropane-d6	9.275	67	29218	24.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.323	98	94539	20.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.840%
43) trans-1,3-Dichloroprop...	10.579	79	14293	25.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.921	63	12489	69.632	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.260%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	30549	29.299	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	39518	22.311	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.240%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.916	84	5550	4.178	ug/L	81
27) 1,2-Dichloroethane	8.275	62	662	0.532	ug/L	# 77
35) Methylcyclohexane	9.275	83	7960	3.825	ug/L	# 14
37) 1,2-Dichloropropane	9.281	63	3694	3.685	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1260	0.797	ug/L	# 67
46) Tetrachloroethene	10.860	164	7536	6.287	ug/L	97
48) 2-Hexanone	10.921	43	1659	4.188	ug/L	# 70
49) Dibromochloromethane	10.860	129	6268	6.196	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	4893	7.356	ug/L	# 68

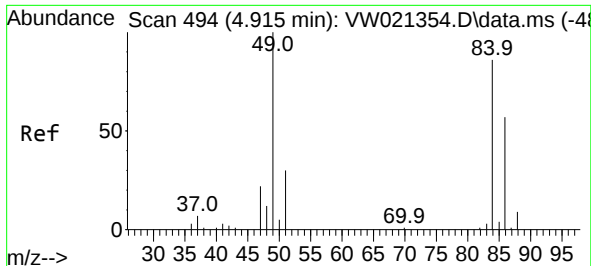
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

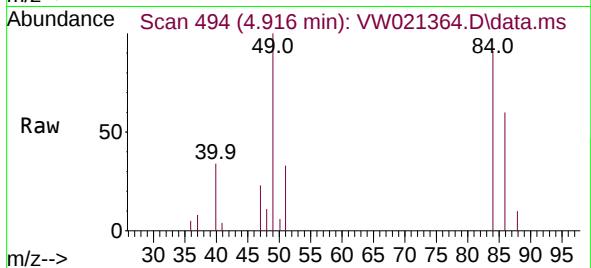
Quant Time: Dec 14 00:36:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 14 00:34:04 2021
Response via : Initial Calibration



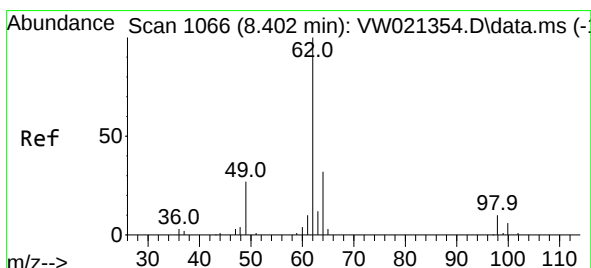
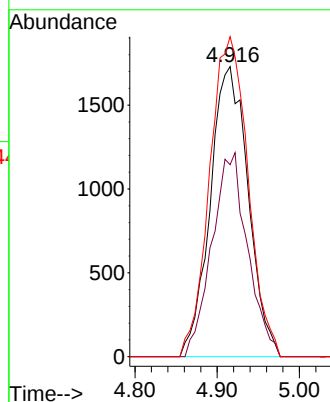
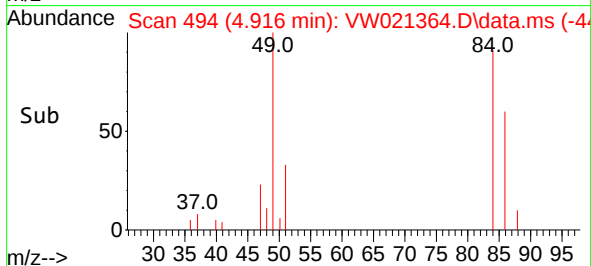


#16
Methylene chloride
Concen: 4.178 ug/L
RT: 4.916 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW021364.D
Acq: 13 Dec 2021 15:29

Instrument :
MSVOA_W
ClientSampleId :

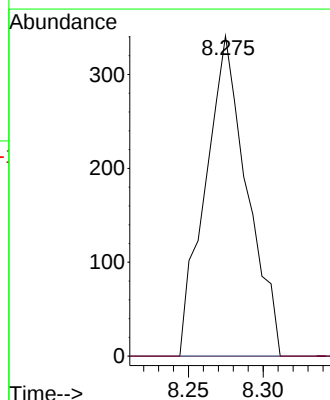
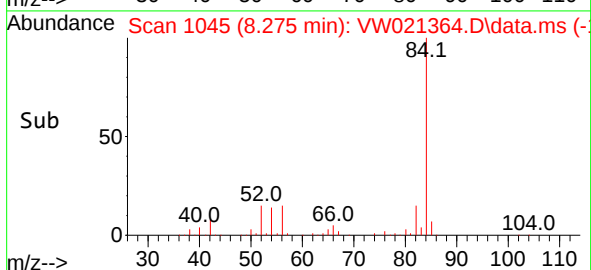
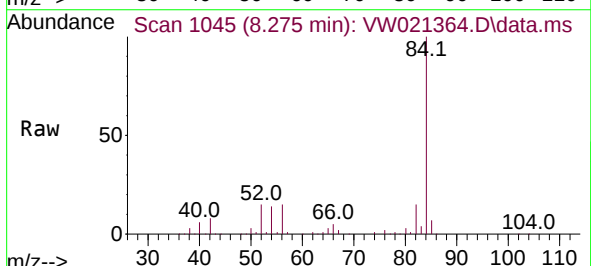


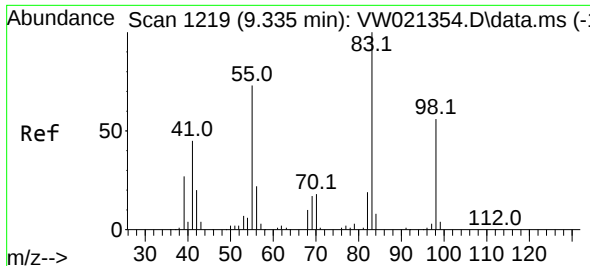
Tgt Ion: 84 Resp: 5550
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 110.3 100.5 186.7



#27
1,2-Dichloroethane
Concen: 0.532 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.128 min
Lab File: VW021364.D
Acq: 13 Dec 2021 15:29

Tgt Ion: 62 Resp: 662
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#

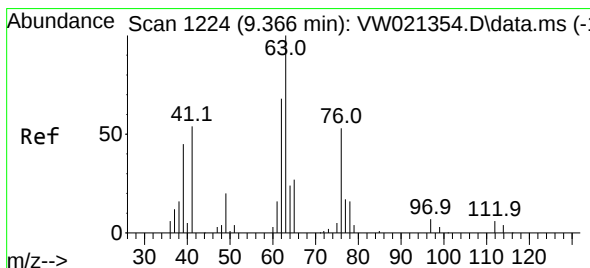
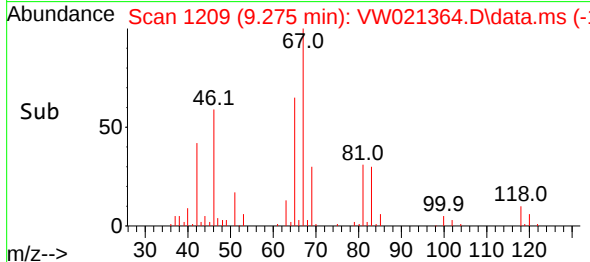
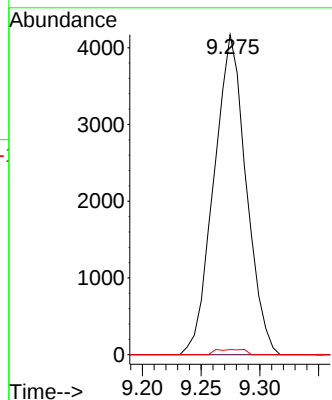
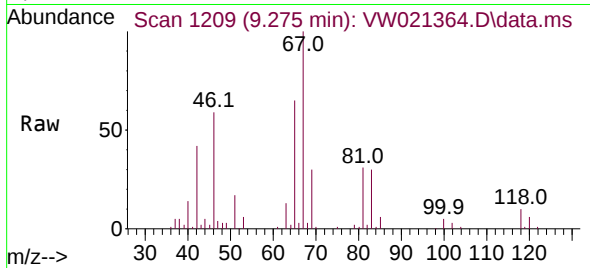




#35
Methylcyclohexane
Concen: 3.825 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.060 min
Lab File: VW021364.D
Acq: 13 Dec 2021 15:29

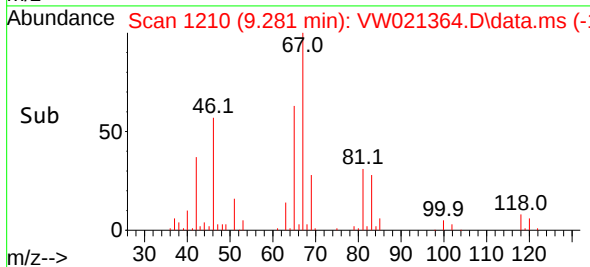
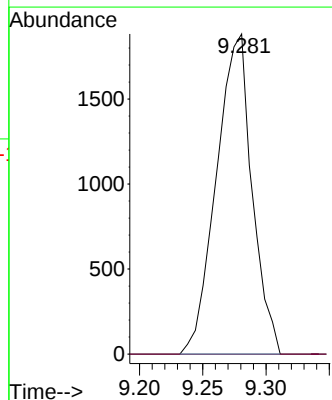
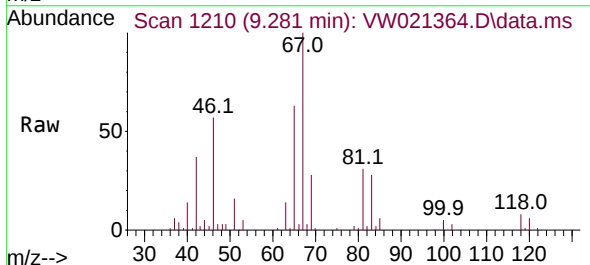
Instrument :
MSVOA_W
ClientSampleId :

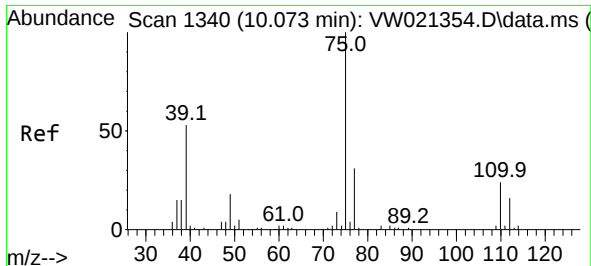
Tgt Ion: 83 Resp: 7960
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.6 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.685 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW021364.D
Acq: 13 Dec 2021 15:29

Tgt Ion: 63 Resp: 3694
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.797 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021364.D

Acq: 13 Dec 2021 15:29

Instrument :

MSVOA_W

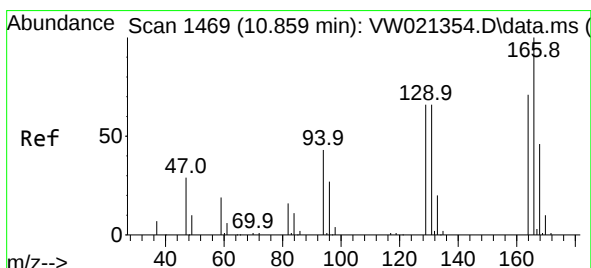
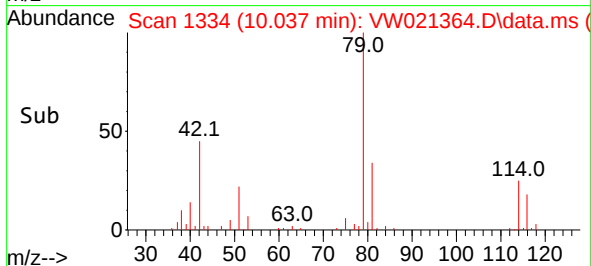
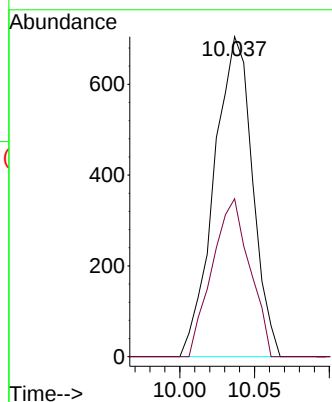
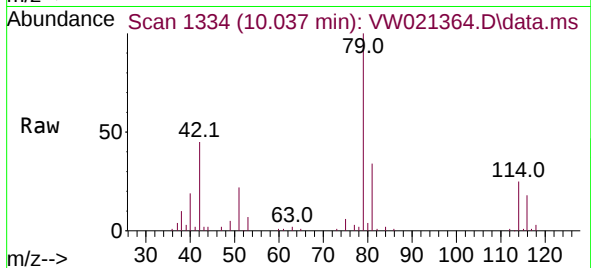
ClientSampleId :

Tgt Ion: 75 Resp: 1260

Ion Ratio Lower Upper

75 100

77 49.4 21.8 40.6#



#46

Tetrachloroethene

Concen: 6.287 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021364.D

Acq: 13 Dec 2021 15:29

Tgt Ion:164 Resp: 7536

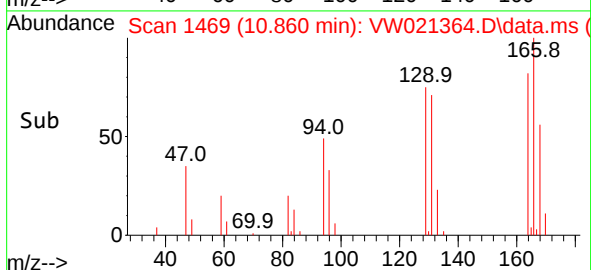
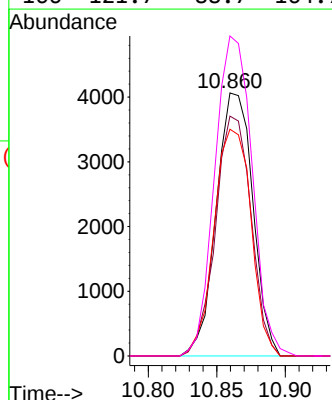
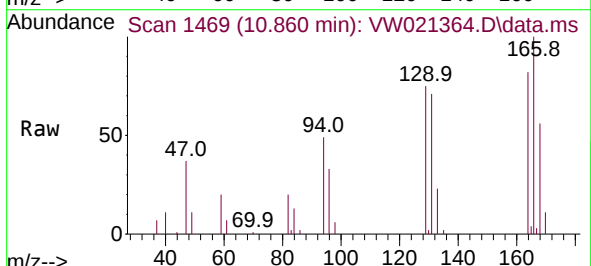
Ion Ratio Lower Upper

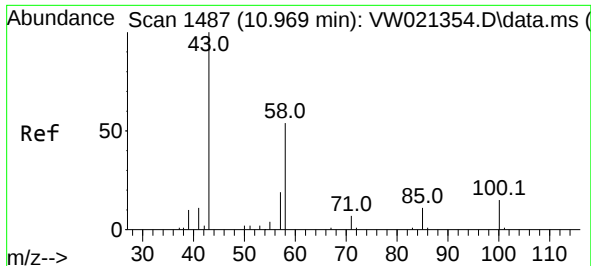
164 100

129 91.2 65.5 121.7

131 86.2 59.7 110.9

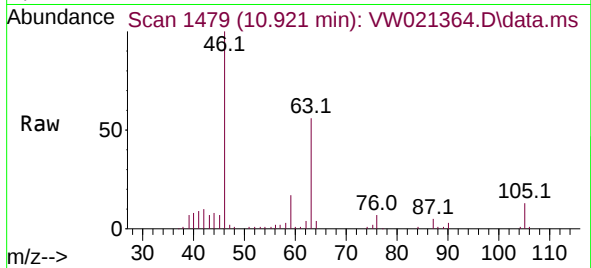
166 121.7 88.7 164.7



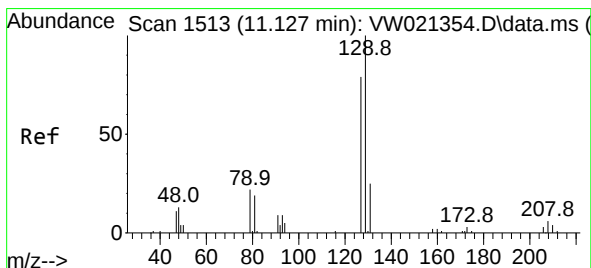
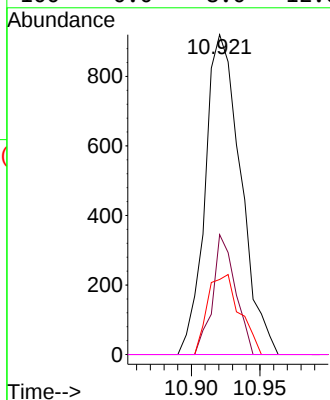
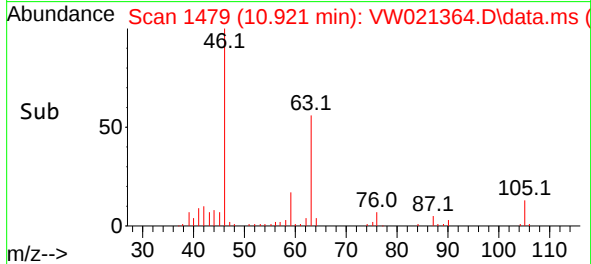


#48
2-Hexanone
Concen: 4.188 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.048 min
Lab File: VW021364.D
Acq: 13 Dec 2021 15:29

Instrument :
MSVOA_W
ClientSampleId :

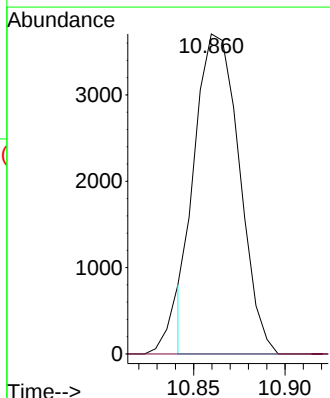
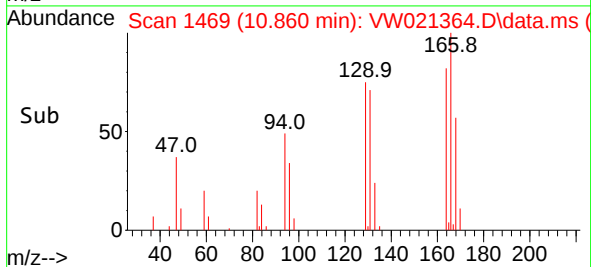
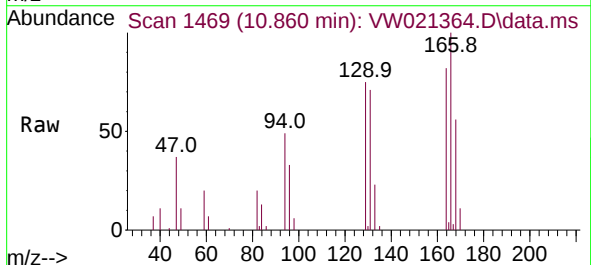


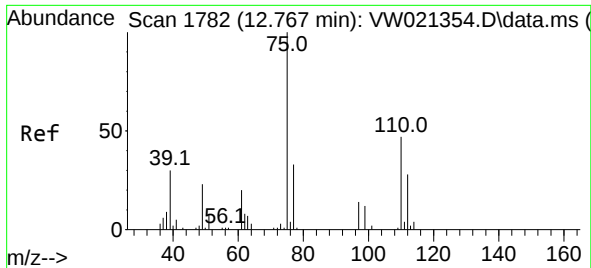
Tgt Ion: 43	Resp: 1659
Ion Ratio	Lower Upper
43	100
58	23.9 40.2 60.2#
57	22.7 14.3 21.5#
100	0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 6.196 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021364.D
Acq: 13 Dec 2021 15:29

Tgt Ion: 129	Resp: 6268
Ion Ratio	Lower Upper
129	100
127	0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 7.356 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

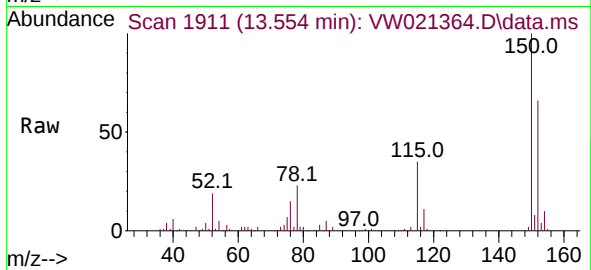
Lab File: VW021364.D

Acq: 13 Dec 2021 15:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 4893

Ion Ratio Lower Upper

75 100

77 34.9 25.8 38.8

110 2.4 29.0 43.4#

