

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021576.D
 Acq On : 22 Dec 2021 20:30
 Operator : SY/VA
 Sample : M5171-07RE
 Misc : 6.15g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:39:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

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

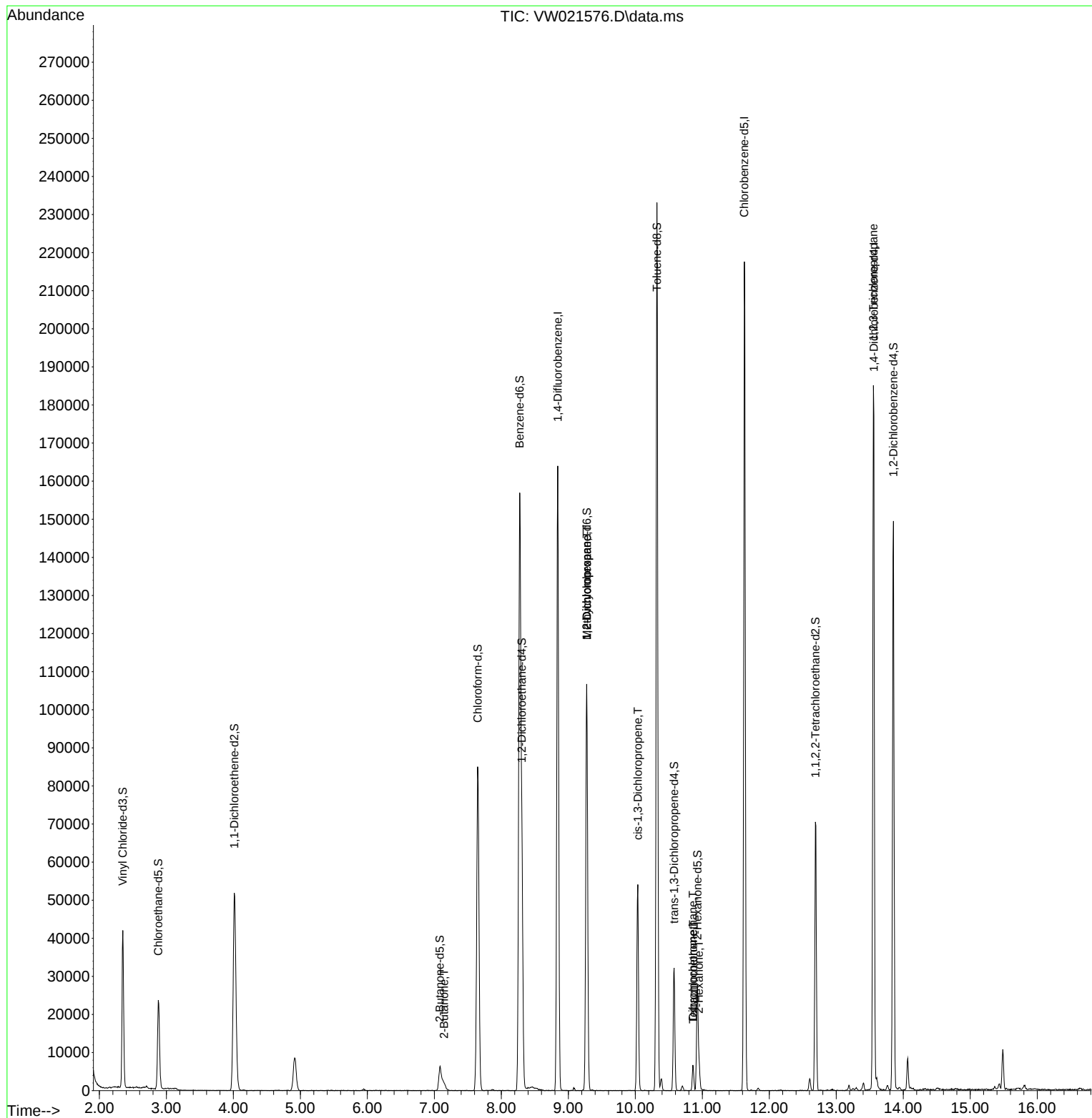
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	134952	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	121084	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	51775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40791	16.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.400%
7) Chloroethane-d5	2.879	69	27158	16.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.840%
11) 1,1-Dichloroethene-d2	4.013	63	49706	15.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.680%
21) 2-Butanone-d5	7.080	46	9890	28.546	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.100%
24) Chloroform-d	7.647	84	84187	22.385	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.305	65	47181	23.585	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.320%
32) Benzene-d6	8.275	84	158135	23.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.320%
36) 1,2-Dichloropropane-d6	9.274	67	44774	25.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	10.323	98	150084	22.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	10.579	79	17016	20.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.927	63	8103	30.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.580%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	32177	21.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	38557	19.215	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.880%
Target Compounds	Qvalue					
22) 2-Butanone	7.147	43	2486	6.129	ug/L #	52
35) Methylcyclohexane	9.274	83	12428	4.069	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	6064	4.122	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1548	0.667	ug/L #	72
46) Tetrachloroethene	10.866	164	1480	0.841	ug/L	93
48) 2-Hexanone	10.951	43	3813	6.559	ug/L #	44
49) Dibromochloromethane	10.860	129	1227	0.827	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5381	7.141	ug/L #	66

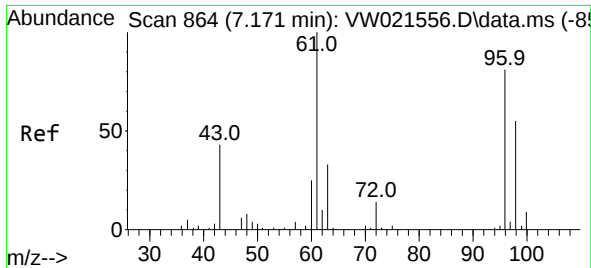
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 23 00:34:33 2021
Response via : Initial Calibration

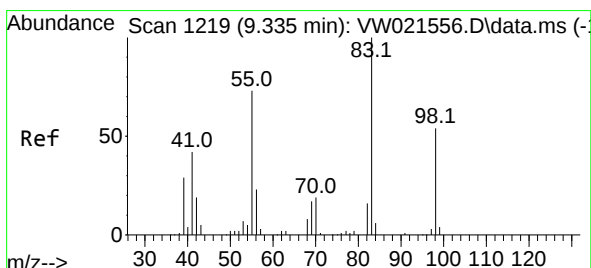
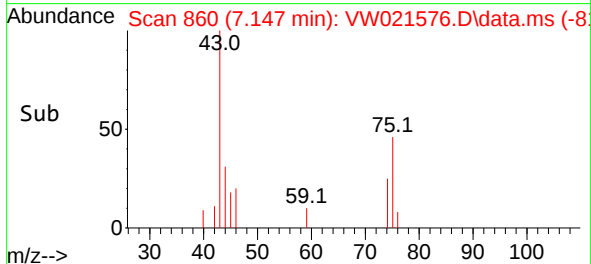
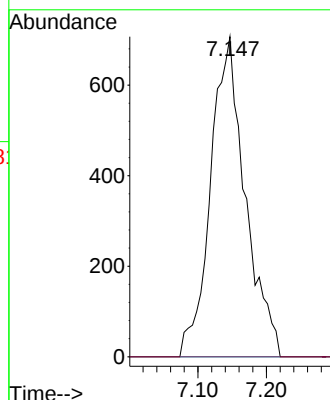
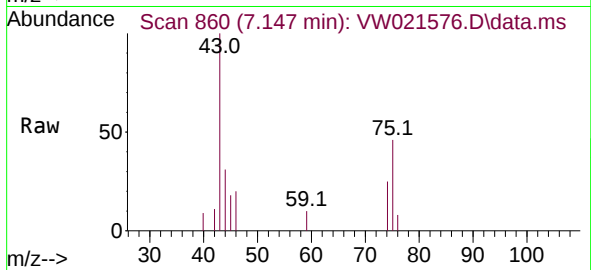




#22
2-Butanone
Concen: 6.129 ug/L
RT: 7.147 min Scan# 80
Delta R.T. -0.024 min
Lab File: VW021576.D
Acq: 22 Dec 2021 20:30

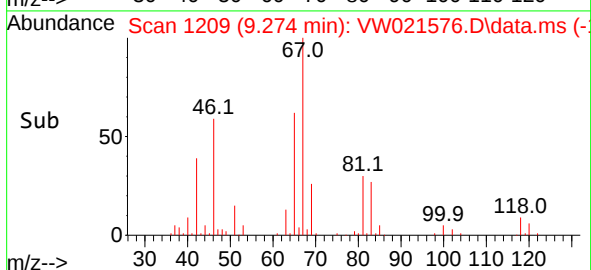
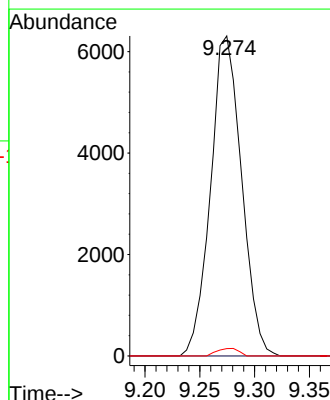
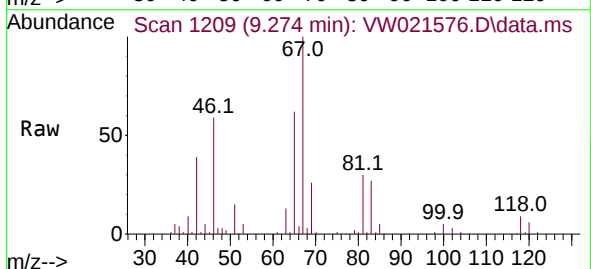
Instrument :
MSVOA_W
ClientSampleId :

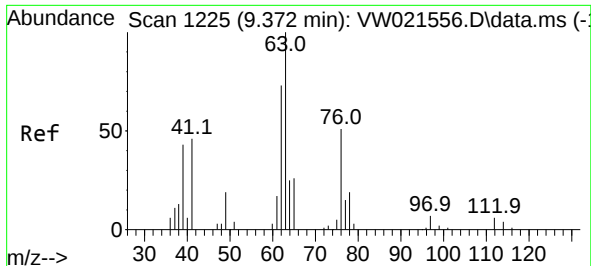
Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#35
Methylcyclohexane
Concen: 4.069 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021576.D
Acq: 22 Dec 2021 20:30

Tgt Ion: 83 Resp: 12428
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: 4.122 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021576.D

Acq: 22 Dec 2021 20:30

Instrument :

MSVOA_W

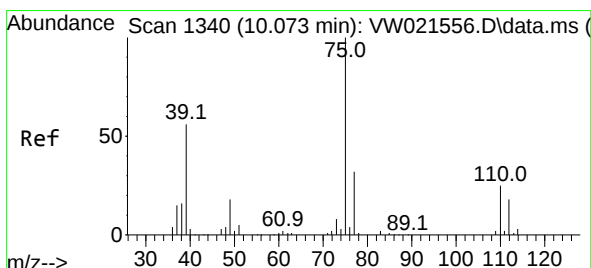
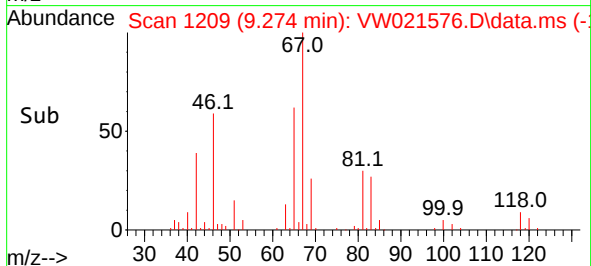
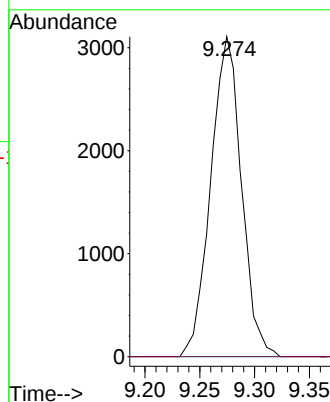
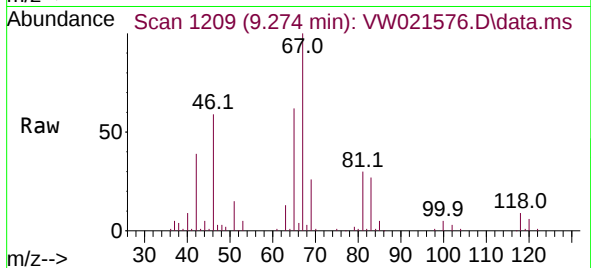
ClientSampleId :

Tgt Ion: 63 Resp: 6064

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.667 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021576.D

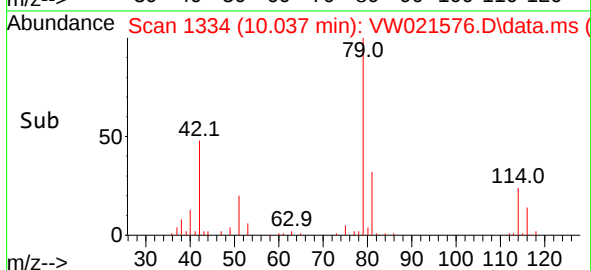
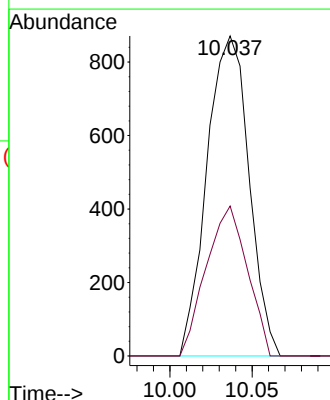
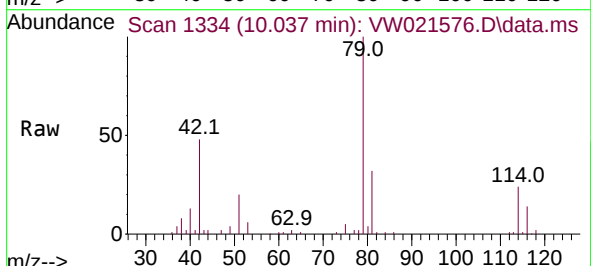
Acq: 22 Dec 2021 20:30

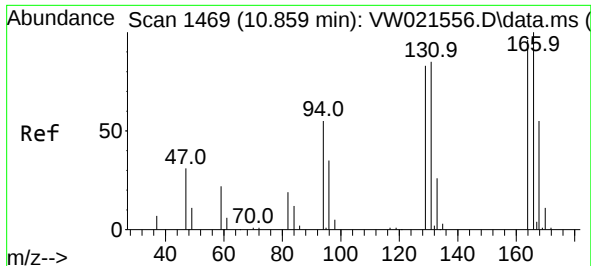
Tgt Ion: 75 Resp: 1548

Ion Ratio Lower Upper

75 100

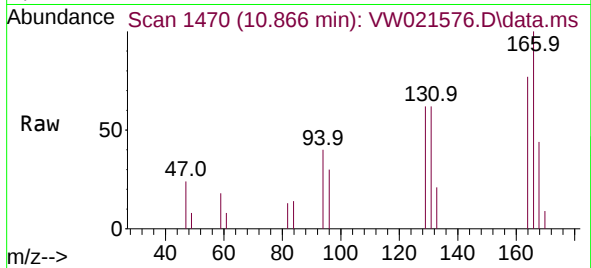
77 46.8 21.8 40.6#



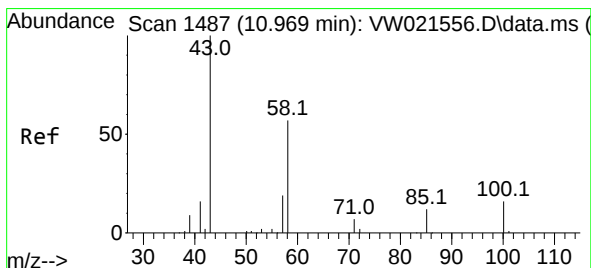
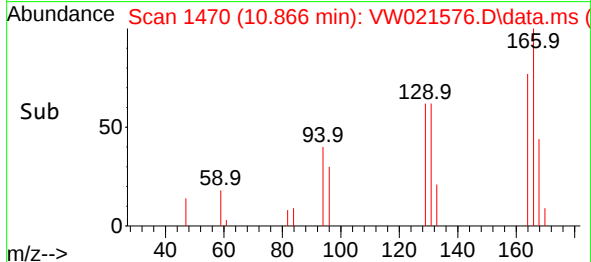
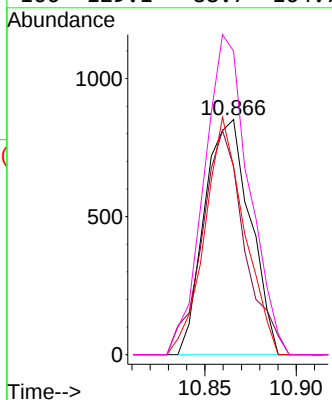


#46
Tetrachloroethene
Concen: 0.841 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021576.D
Acq: 22 Dec 2021 20:30

Instrument :
MSVOA_W
ClientSampleId :

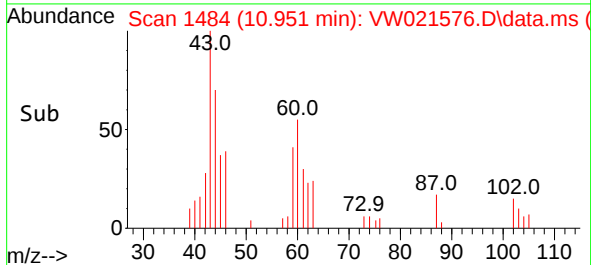
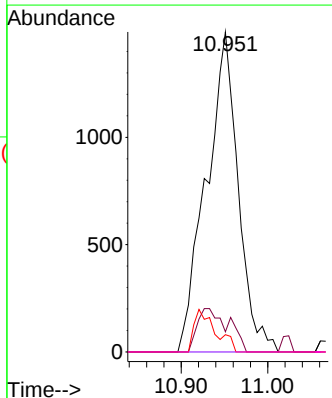
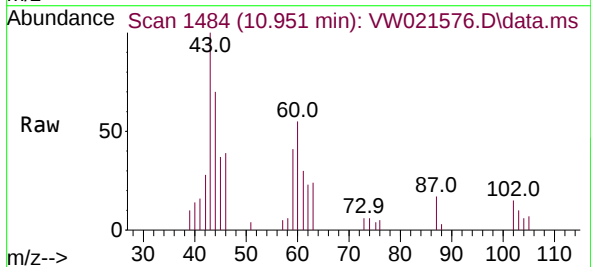


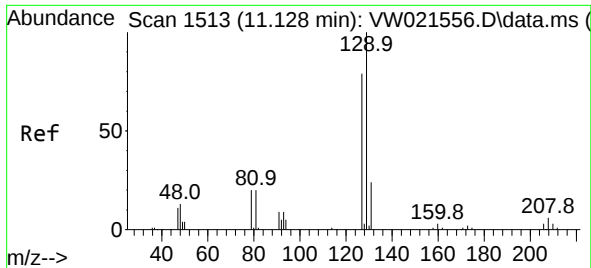
Tgt Ion:164 Resp: 1480
Ion Ratio Lower Upper
164 100
129 80.0 65.5 121.7
131 79.8 59.7 110.9
166 129.1 88.7 164.7



#48
2-Hexanone
Concen: 6.559 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW021576.D
Acq: 22 Dec 2021 20:30

Tgt Ion: 43 Resp: 3813
Ion Ratio Lower Upper
43 100
58 3.2 40.2 60.2#
57 1.5 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 0.827 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW021576.D

Acq: 22 Dec 2021 20:30

Instrument :

MSVOA_W

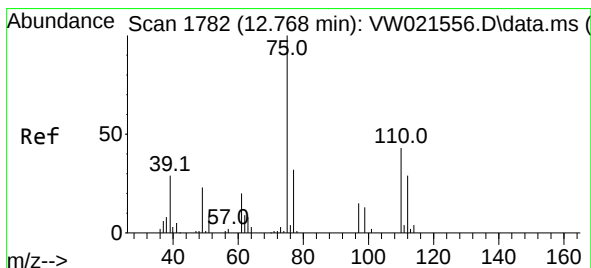
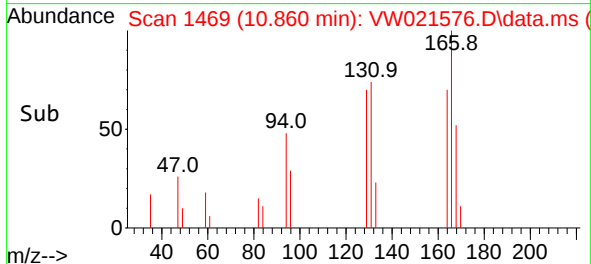
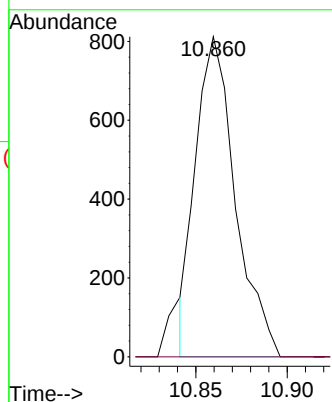
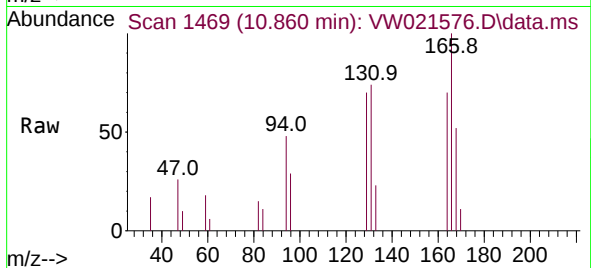
ClientSampleId :

Tgt Ion:129 Resp: 1227

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.141 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

Lab File: VW021576.D

Acq: 22 Dec 2021 20:30

Tgt Ion: 75 Resp: 5381

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.8

110 4.1 29.0 43.4#

