

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021277.D
 Acq On : 10 Dec 2021 11:58
 Operator : SY/VA
 Sample : M5004-03
 Misc : 6.88g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:08:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 22:05:53 2021
 Response via : Initial Calibration

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

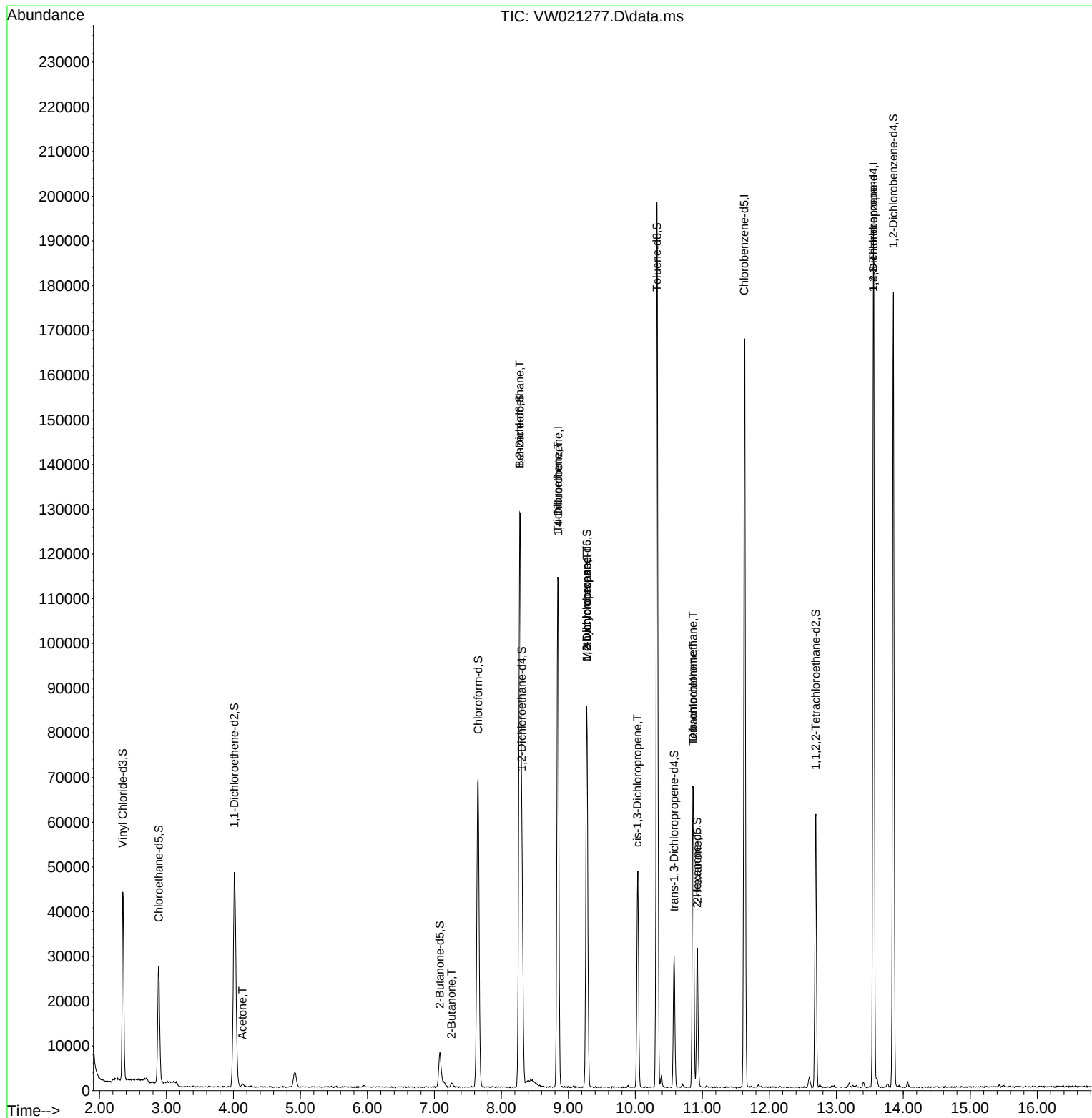
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	97985	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	95614	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50316	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40760	22.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.360%
7) Chloroethane-d5	2.885	69	29744	25.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.840%
11) 1,1-Dichloroethene-d2	4.013	63	44055	18.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.080%
21) 2-Butanone-d5	7.080	46	12737	50.634	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.260%
24) Chloroform-d	7.653	84	68681	25.152	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.305	65	35152	24.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	8.275	84	131803	25.149	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	9.274	67	36305	25.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.320%
41) Toluene-d8	10.323	98	126856	23.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.760%
43) trans-1,3-Dichloroprop...	10.579	79	15482	23.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.680%
47) 2-Hexanone-d5	10.920	63	10298	49.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	27339	22.626	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	45337	23.249	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.000%
Target Compounds	Qvalue					
13) Acetone	4.135	43	1329	5.893	ug/L	96
22) 2-Butanone	7.256	43	1507	5.117	ug/L #	52
27) 1,2-Dichloroethane	8.275	62	879	0.579	ug/L #	77
34) Trichloroethene	8.841	95	2892	1.978	ug/L #	5
35) Methylcyclohexane	9.274	83	9454	3.920	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4718	4.061	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1478	0.807	ug/L	90
46) Tetrachloroethene	10.866	164	15531	11.182	ug/L	98
48) 2-Hexanone	10.927	43	1328	2.893	ug/L #	65
49) Dibromochloromethane	10.859	129	13523	11.536	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5942	8.114	ug/L #	68

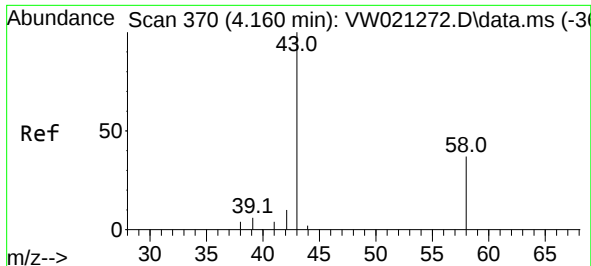
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration

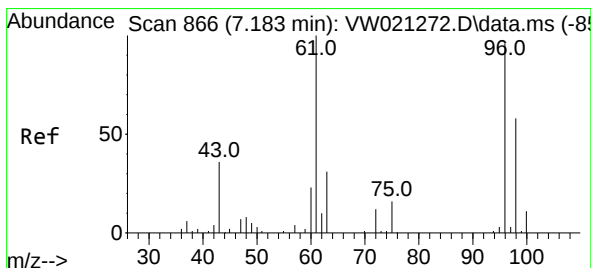
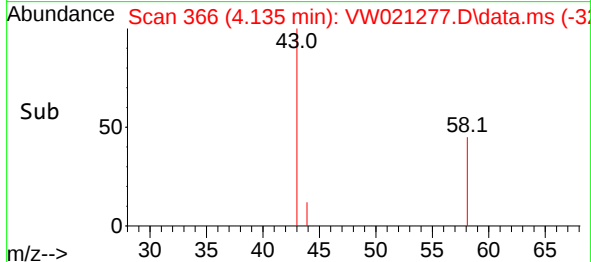
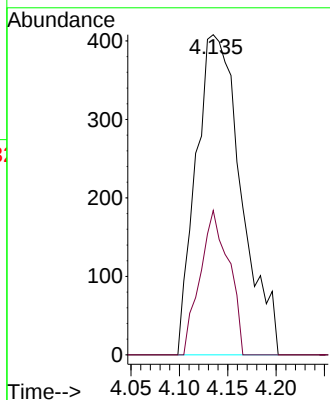
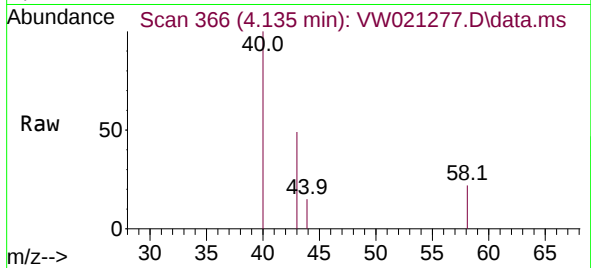




#13
Acetone
Concen: 5.893 ug/L
RT: 4.135 min Scan# 30
Delta R.T. -0.024 min
Lab File: VW021277.D
Acq: 10 Dec 2021 11:58

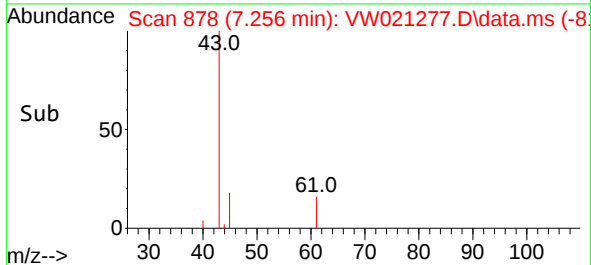
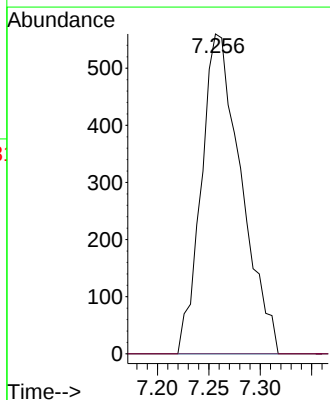
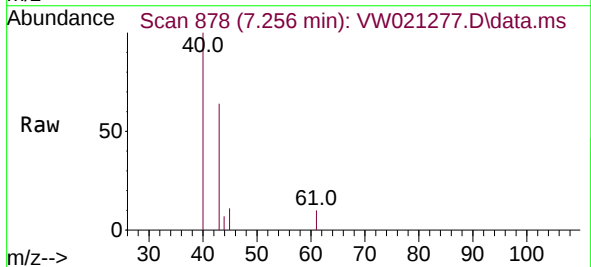
Instrument :
MSVOA_W
ClientSampleId :

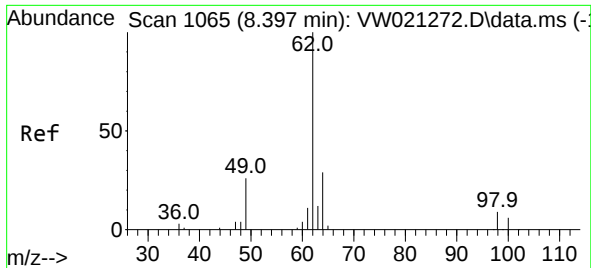
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 28.6 0.0 52.8



#22
2-Butanone
Concen: 5.117 ug/L
RT: 7.256 min Scan# 878
Delta R.T. 0.073 min
Lab File: VW021277.D
Acq: 10 Dec 2021 11:58

Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#27

1,2-Dichloroethane

Concen: 0.579 ug/L

RT: 8.275 min Scan# 1137

Delta R.T. -0.122 min

Lab File: VW021277.D

Acq: 10 Dec 2021 11:58

Instrument :

MSVOA_W

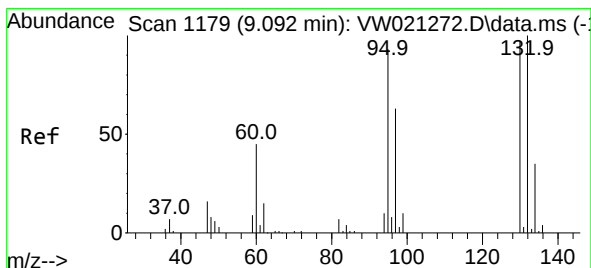
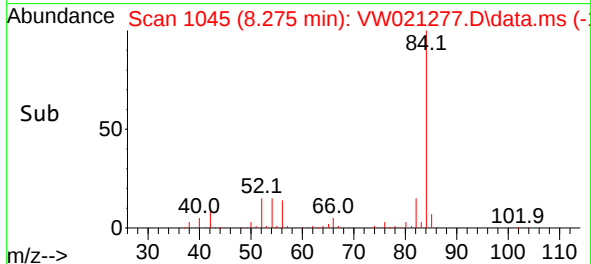
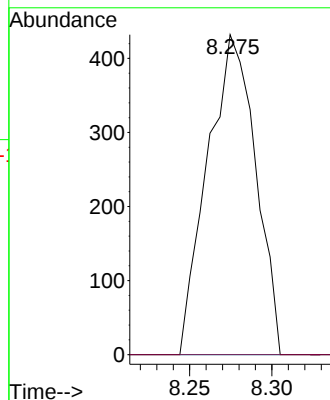
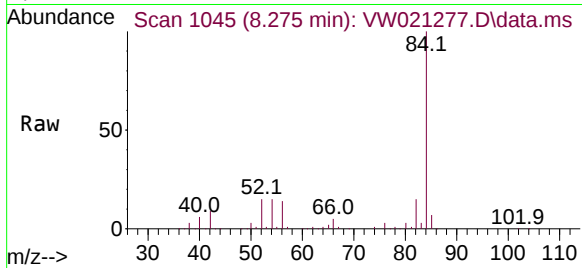
ClientSampleId :

Tgt Ion: 62 Resp: 879

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.978 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021277.D

Acq: 10 Dec 2021 11:58

Tgt Ion: 95 Resp: 2892

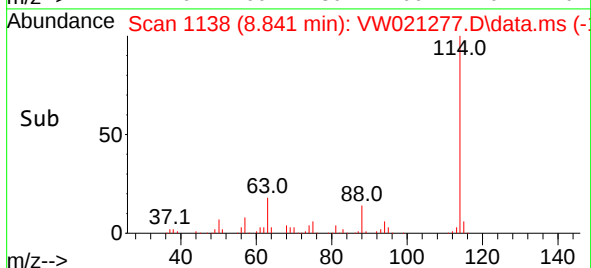
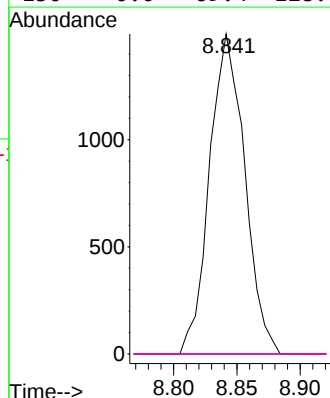
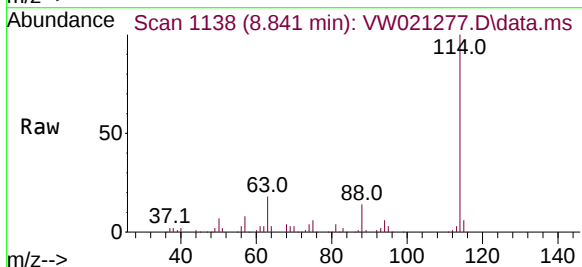
Ion Ratio Lower Upper

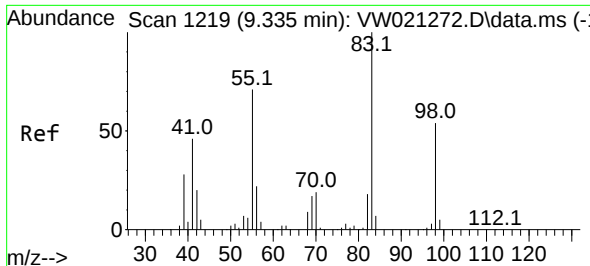
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

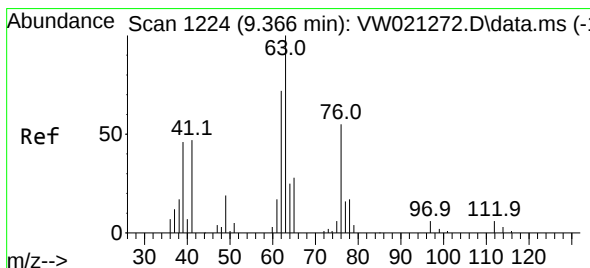
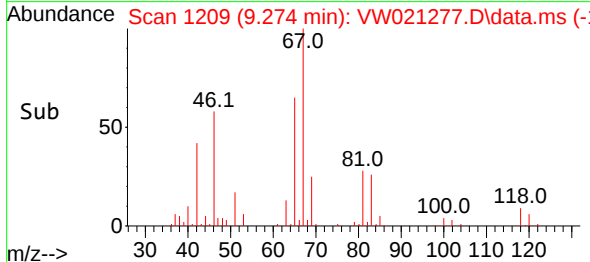
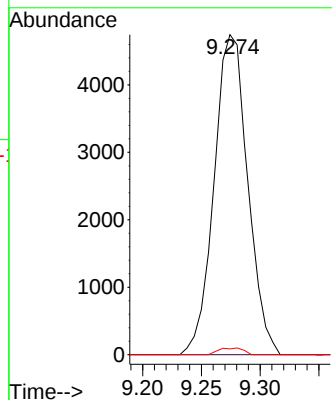
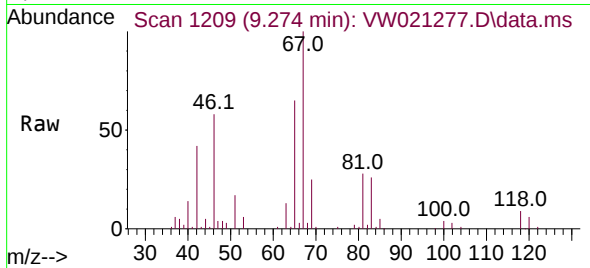




#35
Methylcyclohexane
Concen: 3.920 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021277.D
Acq: 10 Dec 2021 11:58

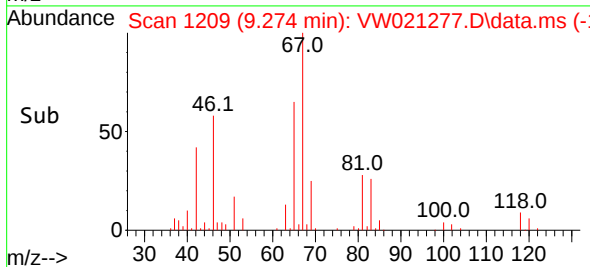
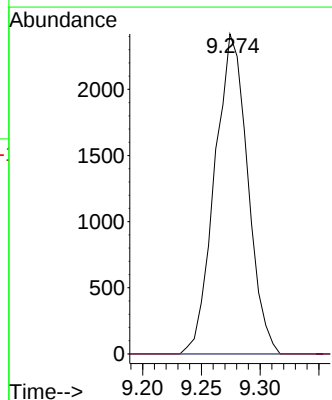
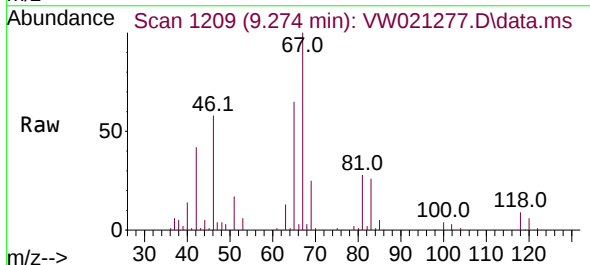
Instrument :
MSVOA_W
ClientSampleId :

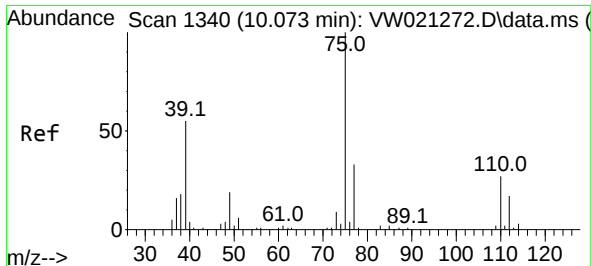
Tgt Ion: 83 Resp: 9454
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.5 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 4.061 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021277.D
Acq: 10 Dec 2021 11:58

Tgt Ion: 63 Resp: 4718
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.807 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021277.D

Acq: 10 Dec 2021 11:58

Instrument :

MSVOA_W

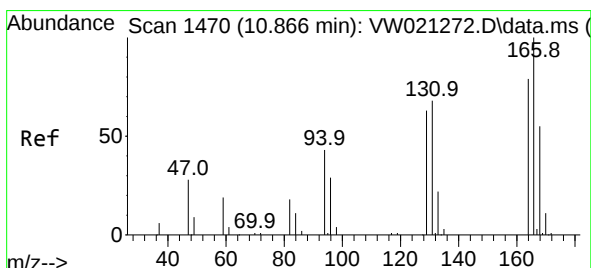
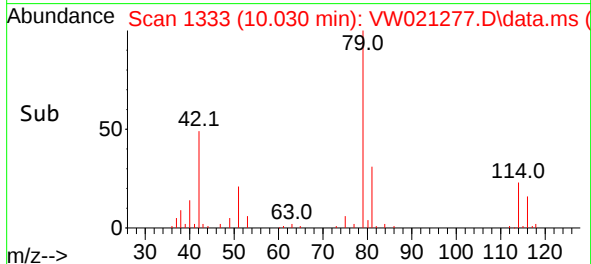
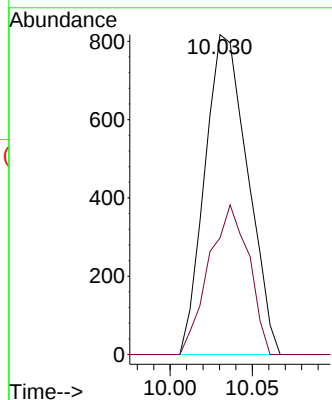
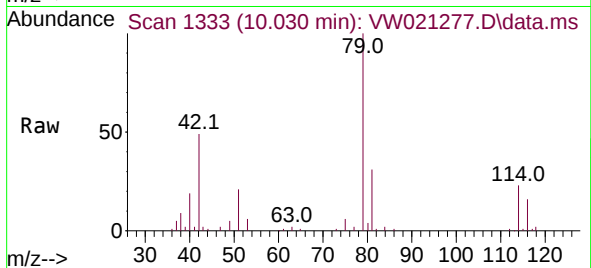
ClientSampleId :

Tgt Ion: 75 Resp: 1478

Ion Ratio Lower Upper

75 100

77 36.5 21.8 40.6



#46

Tetrachloroethene

Concen: 11.182 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW021277.D

Acq: 10 Dec 2021 11:58

Tgt Ion: 164 Resp: 15531

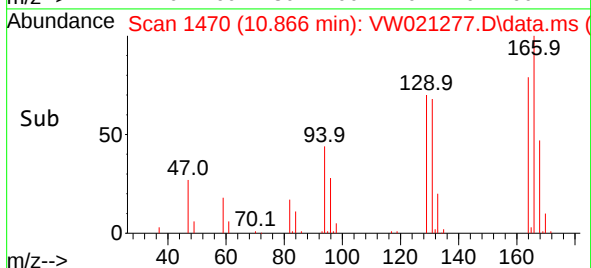
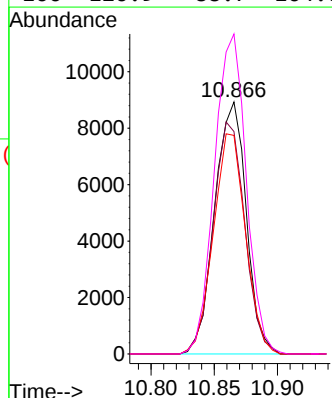
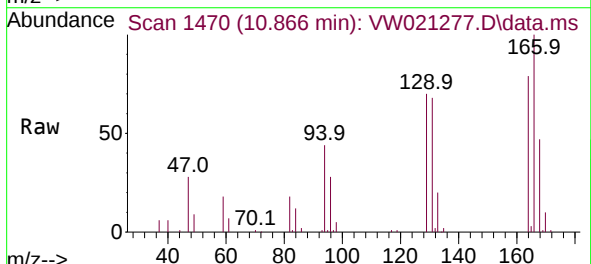
Ion Ratio Lower Upper

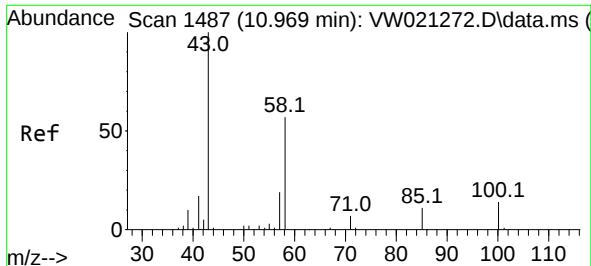
164 100

129 88.3 65.5 121.7

131 86.7 59.7 110.9

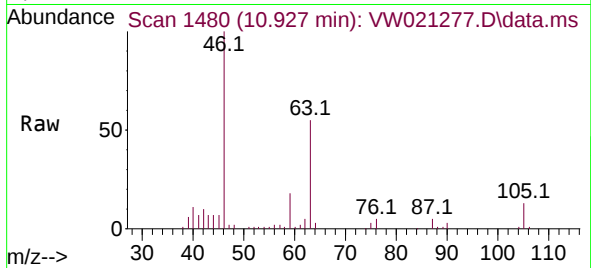
166 126.9 88.7 164.7



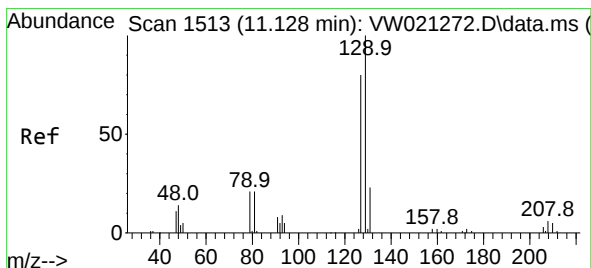
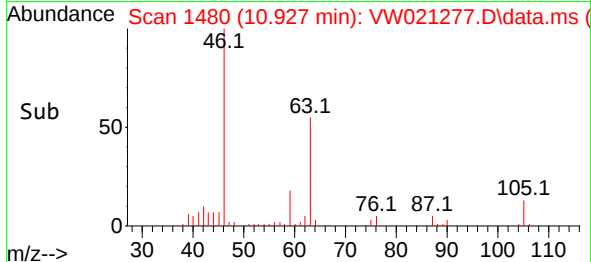
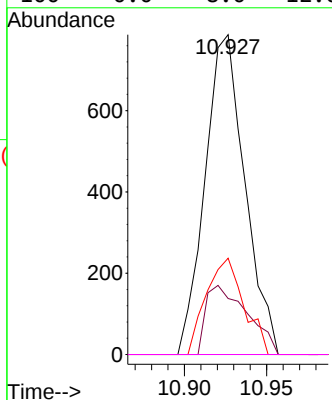


#48
2-Hexanone
Concen: 2.893 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021277.D
Acq: 10 Dec 2021 11:58

Instrument :
MSVOA_W
ClientSampleId :

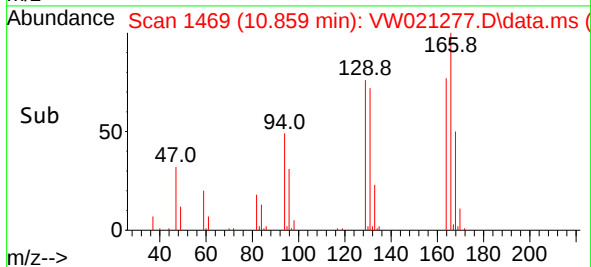
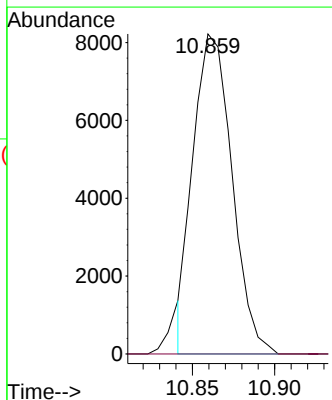
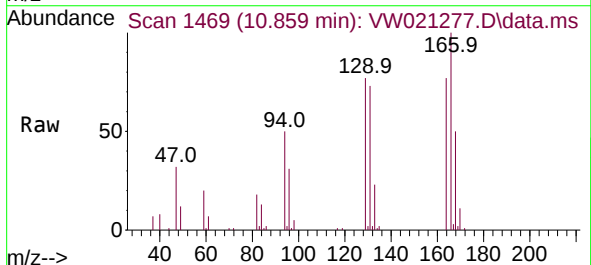


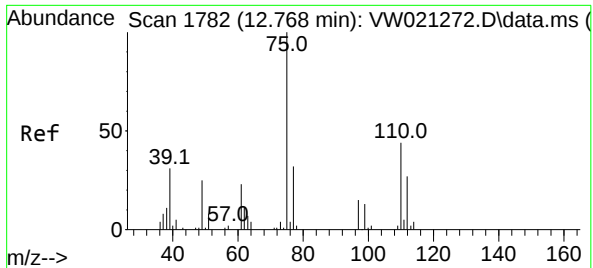
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 22.4 40.2 60.2#
57 28.5 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 11.536 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021277.D
Acq: 10 Dec 2021 11:58

Tgt Ion: 129 Resp: 13523
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
1,2,3-Trichloropropane
Concen: 8.114 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021277.D
Acq: 10 Dec 2021 11:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75	Resp:	5942
Ion Ratio	Lower	Upper
75	100	
77	35.3	25.8 38.8
110	3.6	29.0 43.4#

