

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021275.D
 Acq On : 10 Dec 2021 11:10
 Operator : SY/VA
 Sample : M5004-01
 Misc : 5.59g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:07:47 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)

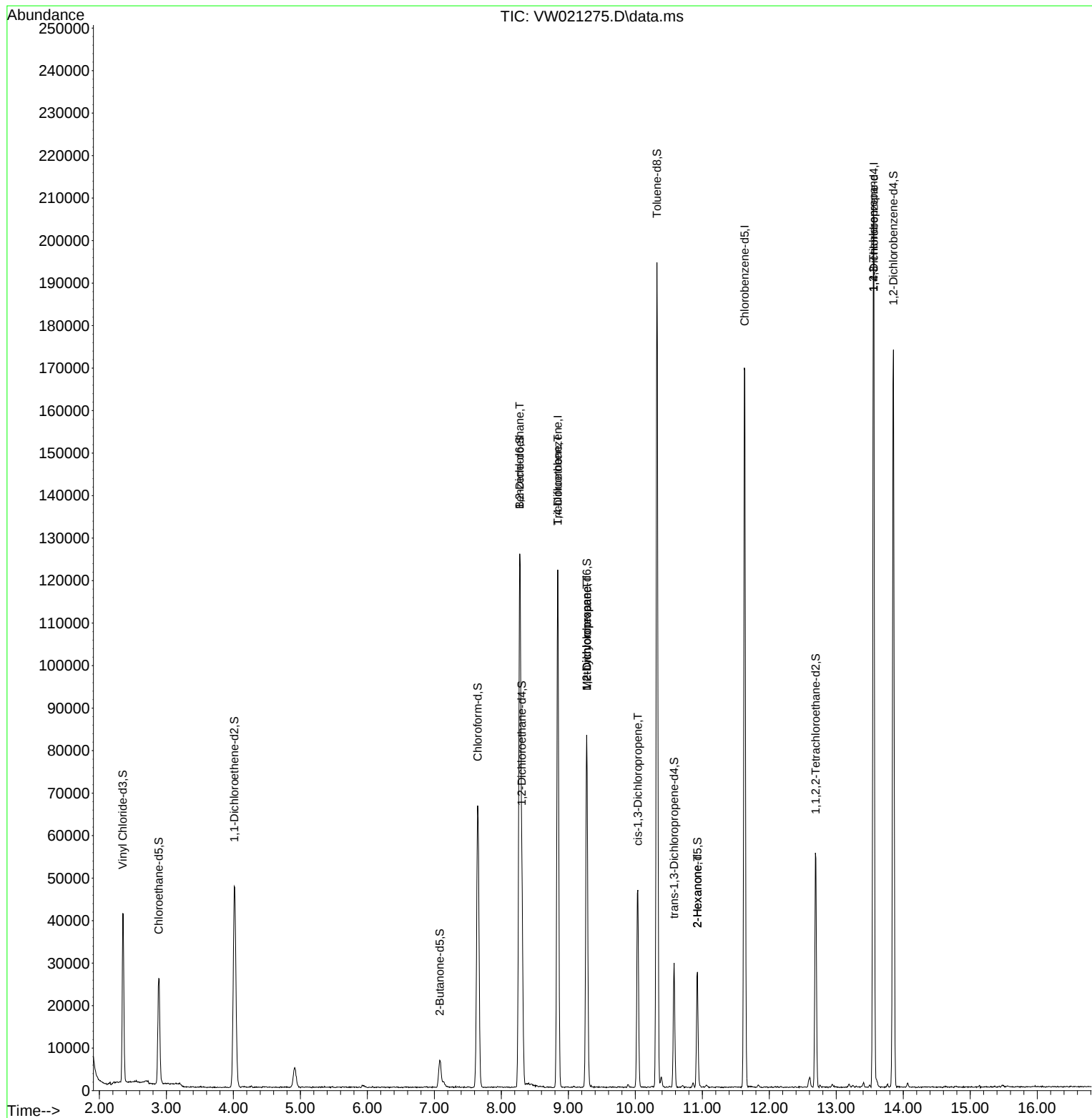
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	102489	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	99753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	55215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39443	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
7) Chloroethane-d5	2.885	69	29253	23.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
11) 1,1-Dichloroethene-d2	4.013	63	44467	17.869	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.480%
21) 2-Butanone-d5	7.080	46	11162	42.422	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.840%
24) Chloroform-d	7.647	84	67273	23.554	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	8.305	65	34188	22.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.275	84	127453	23.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	9.274	67	34822	23.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	10.323	98	126095	22.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	10.579	79	14985	22.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.927	63	9050	41.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.480%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	26114	20.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	47127	22.023	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.080%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.275	62	897	0.565	ug/L	# 77
34) Trichloroethene	8.842	95	3015	1.977	ug/L	# 5
35) Methylcyclohexane	9.274	83	9903	3.936	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4704	3.881	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1465	0.767	ug/L	# 81
48) 2-Hexanone	10.927	43	1231	2.570	ug/L	# 67
61) 1,2,3-Trichloropropane	13.554	75	6665	8.294	ug/L	# 69

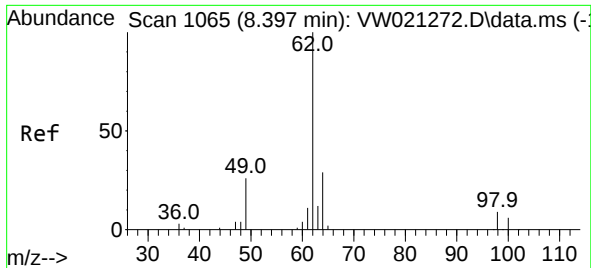
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

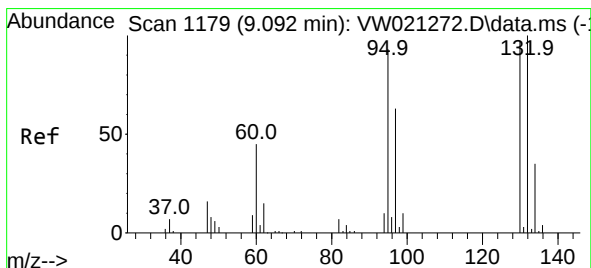
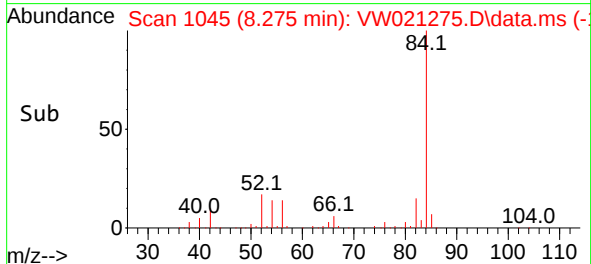
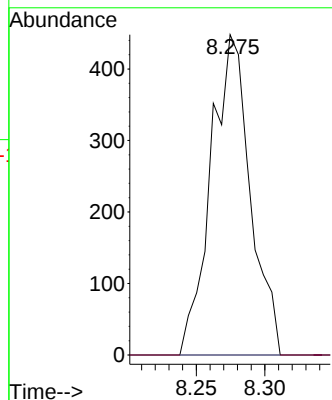
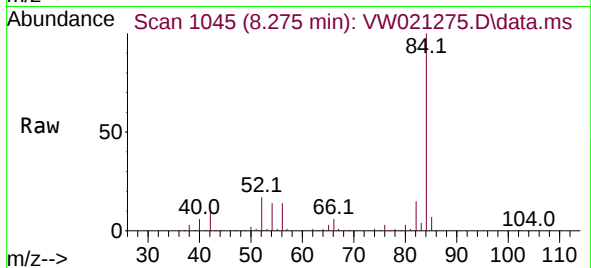




#27
1,2-Dichloroethane
Concen: 0.565 ug/L
RT: 8.275 min Scan# 1137
Delta R.T. -0.122 min
Lab File: VW021275.D
Acq: 10 Dec 2021 11:10

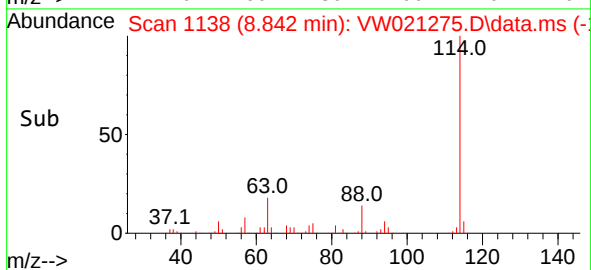
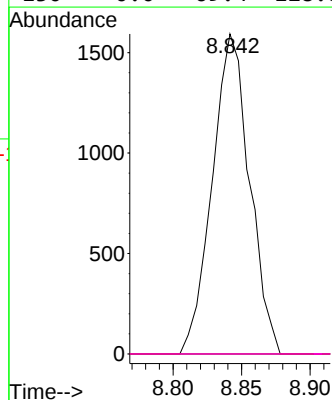
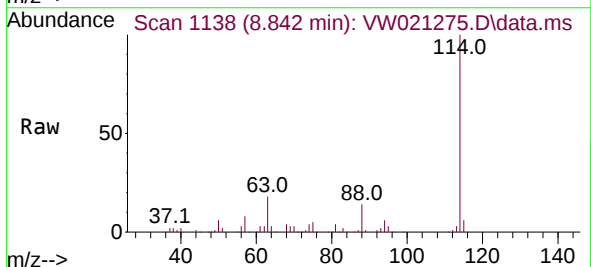
Instrument :
MSVOA_W
ClientSampleId :

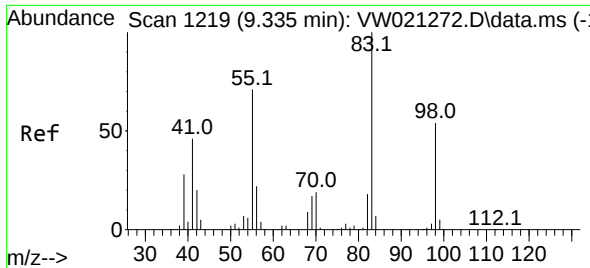
Tgt Ion: 62 Resp: 897
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



#34
Trichloroethene
Concen: 1.977 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021275.D
Acq: 10 Dec 2021 11:10

Tgt Ion: 95 Resp: 3015
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#

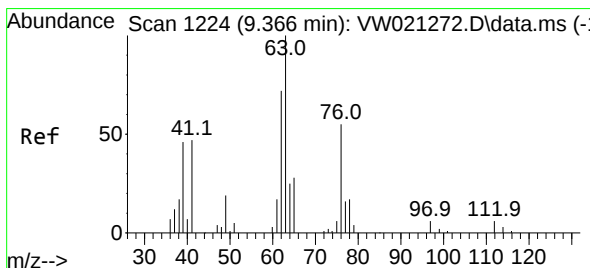
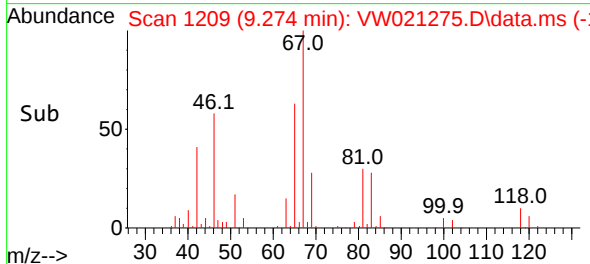
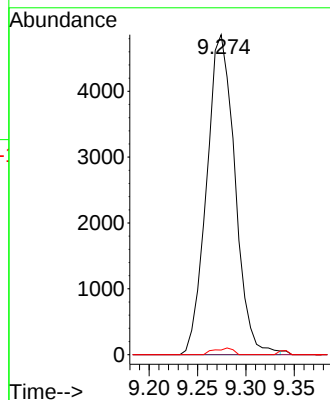
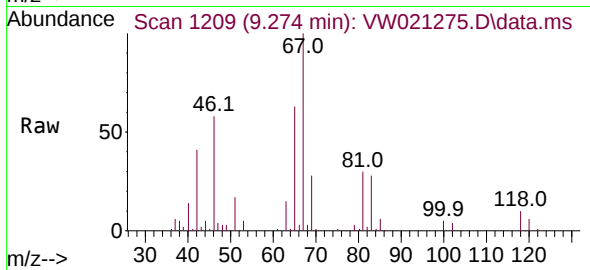




#35
Methylcyclohexane
Concen: 3.936 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021275.D
Acq: 10 Dec 2021 11:10

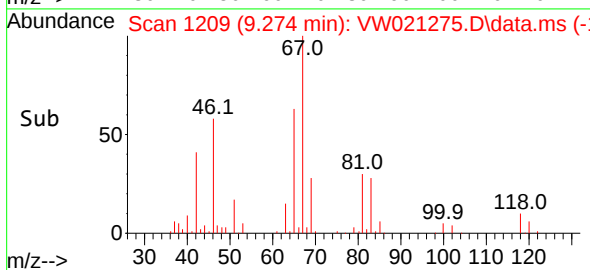
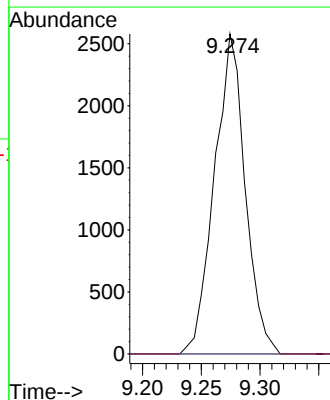
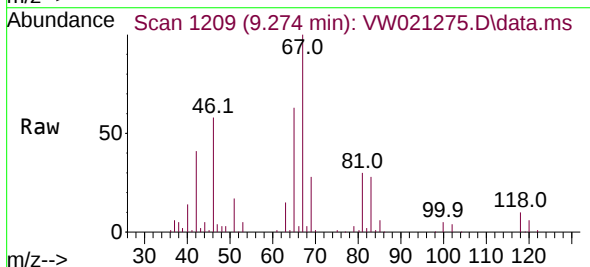
Instrument :
MSVOA_W
ClientSampleId :

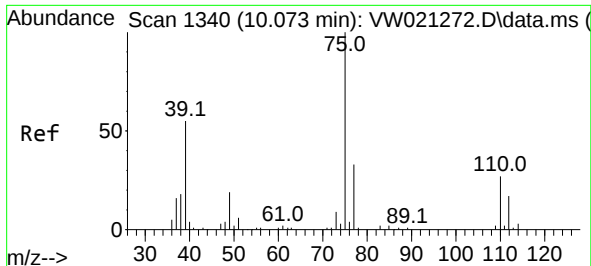
Tgt Ion: 83 Resp: 9903
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.8 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.881 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021275.D
Acq: 10 Dec 2021 11:10

Tgt Ion: 63 Resp: 4704
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

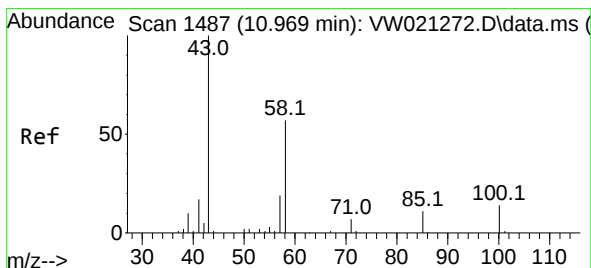
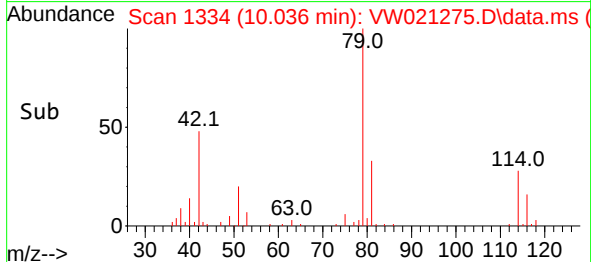
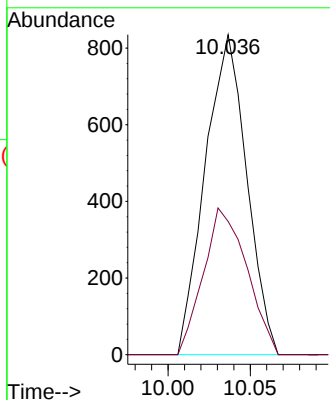
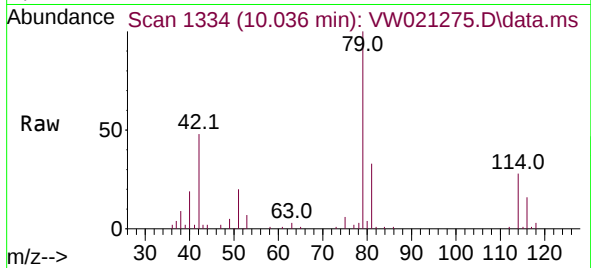




#39
 cis-1,3-Dichloropropene
 Concen: 0.767 ug/L
 RT: 10.036 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VW021275.D
 Acq: 10 Dec 2021 11:10

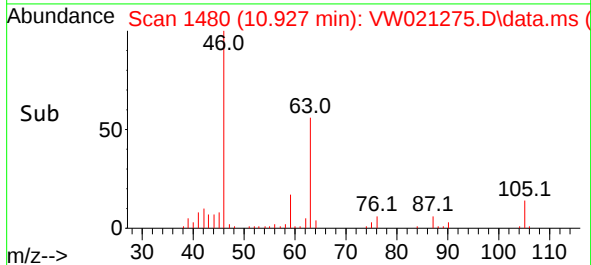
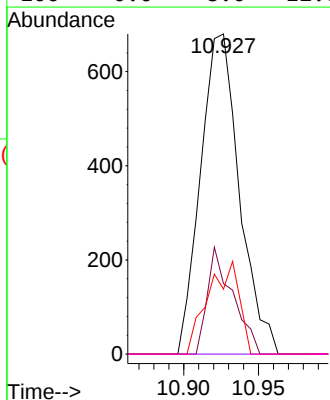
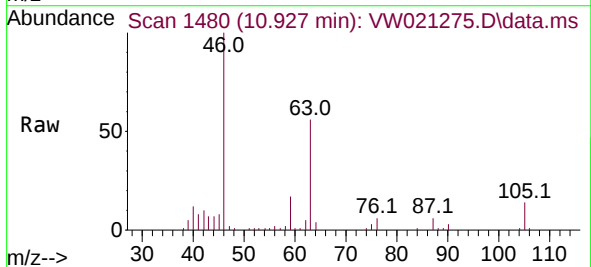
Instrument :
 MSVOA_W
 ClientSampleId :

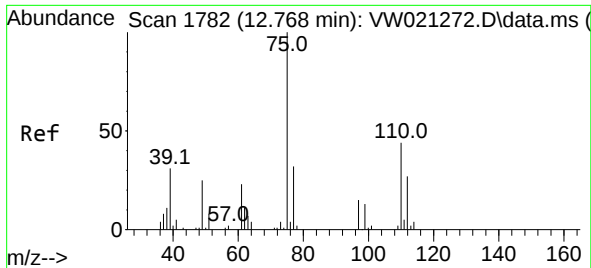
Tgt Ion: 75 Resp: 1465
 Ion Ratio Lower Upper
 75 100
 77 41.7 21.8 40.6#



#48
 2-Hexanone
 Concen: 2.570 ug/L
 RT: 10.927 min Scan# 1480
 Delta R.T. -0.043 min
 Lab File: VW021275.D
 Acq: 10 Dec 2021 11:10

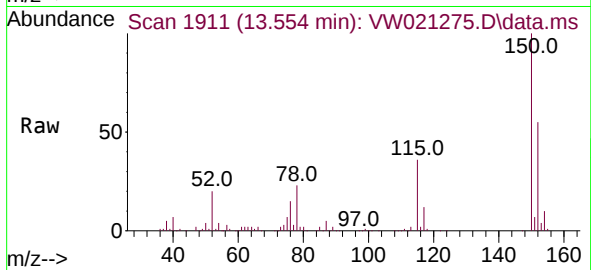
Tgt Ion: 43 Resp: 1231
 Ion Ratio Lower Upper
 43 100
 58 21.9 40.2 60.2#
 57 23.2 14.3 21.5#
 100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 8.294 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021275.D
 Acq: 10 Dec 2021 11:10

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 6665

Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.8	38.8
110	3.3	29.0	43.4

