

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021279.D
 Acq On : 10 Dec 2021 12:46
 Operator : SY/VA
 Sample : M5004-09
 Misc : 6.13g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:08:37 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)

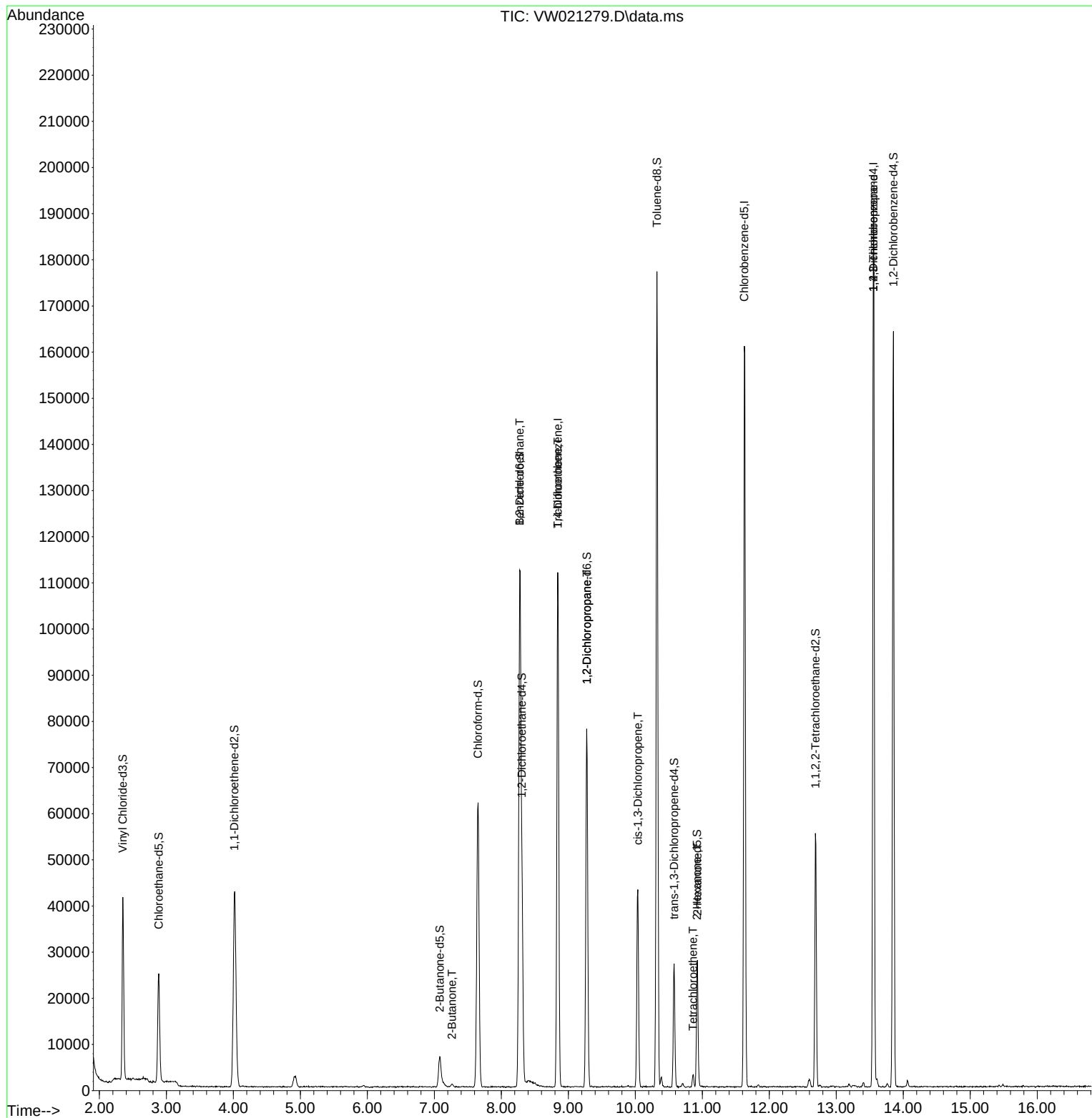
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	96982	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	93871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53322	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37525	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
7) Chloroethane-d5	2.885	69	26999	23.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.480%
11) 1,1-Dichloroethene-d2	4.013	63	39476	16.764	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.040%
21) 2-Butanone-d5	7.080	46	11491	46.153	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.300%
24) Chloroform-d	7.653	84	61453	22.738	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.305	65	31430	21.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.440%
32) Benzene-d6	8.275	84	114035	22.162	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.640%
36) 1,2-Dichloropropane-d6	9.275	67	32510	23.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	10.323	98	114458	21.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.080%
43) trans-1,3-Dichloroprop...	10.579	79	13741	21.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.520%
47) 2-Hexanone-d5	10.921	63	9319	45.669	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25258	21.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	43744	21.168	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.680%
Target Compounds						Qvalue
22) 2-Butanone	7.263	43	1169	4.010	ug/L #	52
27) 1,2-Dichloroethane	8.275	62	895	0.596	ug/L #	77
34) Trichloroethene	8.842	95	2877	2.004	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	4182	3.666	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1283	0.714	ug/L #	70
46) Tetrachloroethene	10.860	164	634	0.465	ug/L	82
48) 2-Hexanone	10.927	43	1231	2.731	ug/L #	66
61) 1,2,3-Trichloropropane	13.554	75	5637	7.264	ug/L #	67

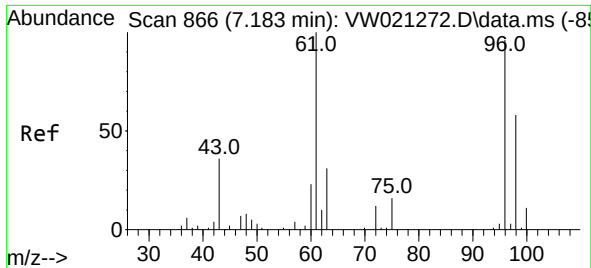
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

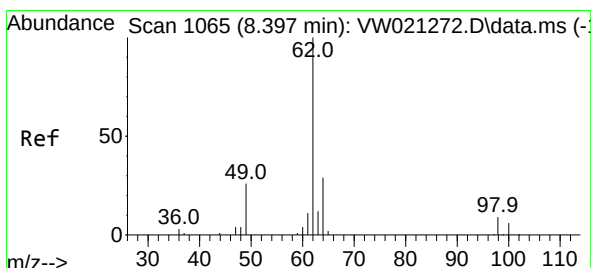
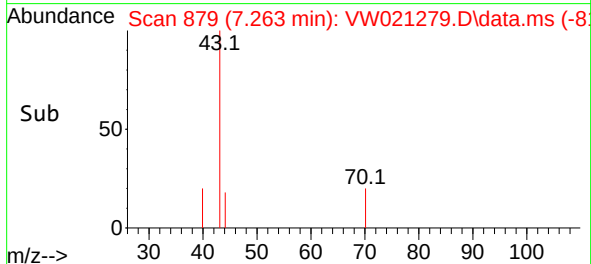
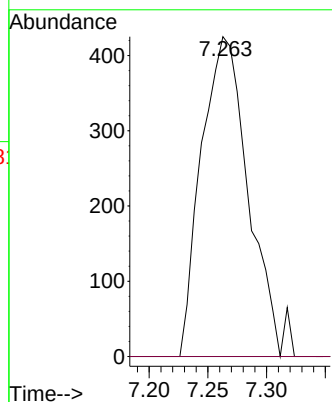
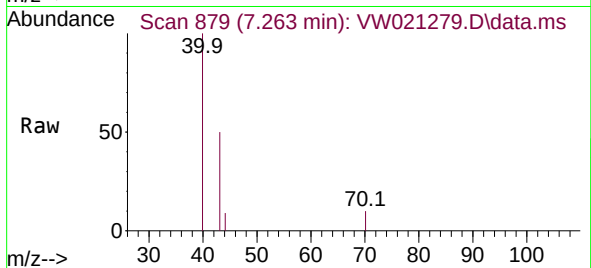




#22
2-Butanone
Concen: 4.010 ug/L
RT: 7.263 min Scan# 81
Delta R.T. 0.079 min
Lab File: VW021279.D
Acq: 10 Dec 2021 12:46

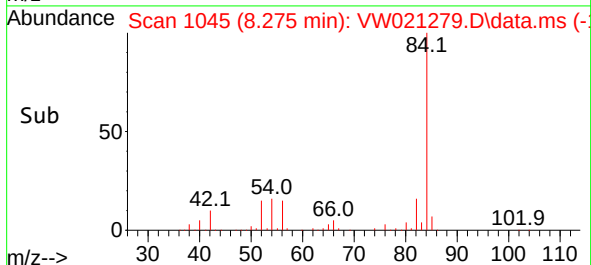
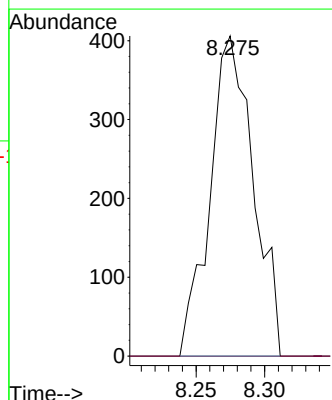
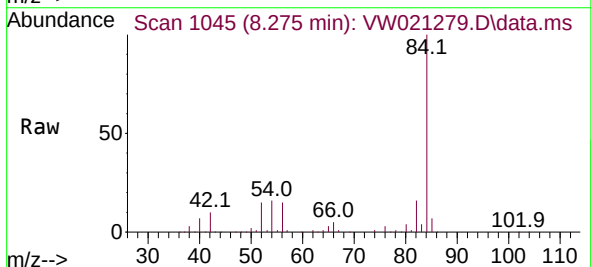
Instrument :
MSVOA_W
ClientSampleId :

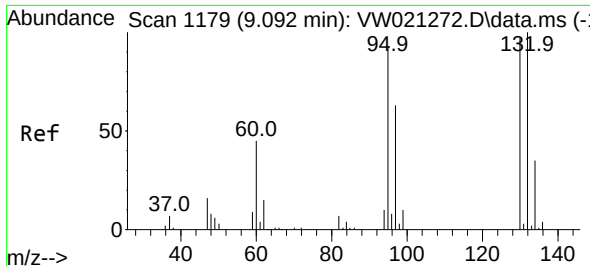
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#27
1,2-Dichloroethane
Concen: 0.596 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW021279.D
Acq: 10 Dec 2021 12:46

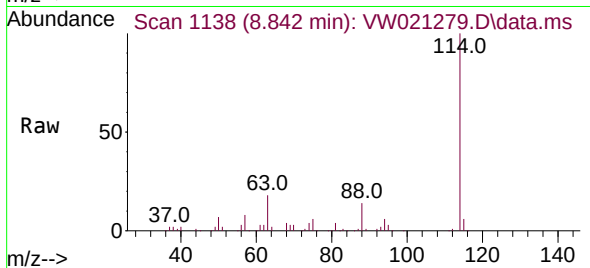
Tgt Ion: 62 Resp: 895
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



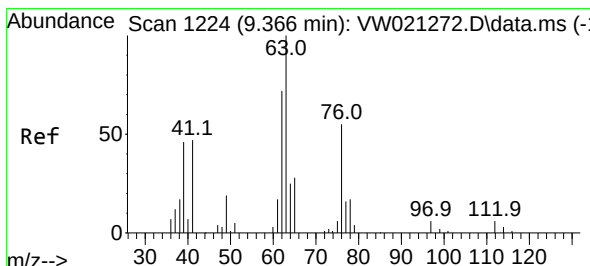
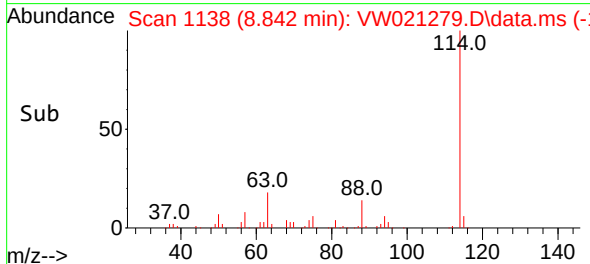
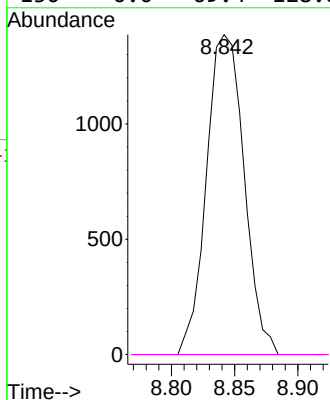


#34
Trichloroethene
Concen: 2.004 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021279.D
Acq: 10 Dec 2021 12:46

Instrument :
MSVOA_W
ClientSampleId :

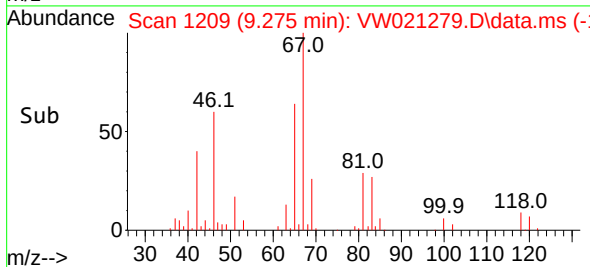
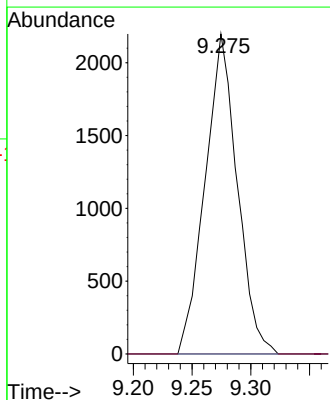
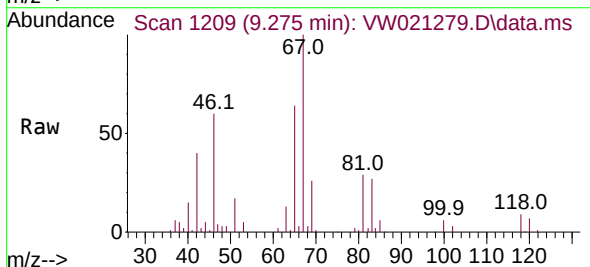


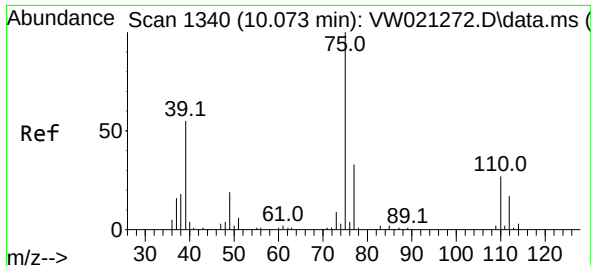
Tgt Ion: 95 Resp: 2877
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 3.666 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021279.D
Acq: 10 Dec 2021 12:46

Tgt Ion: 63 Resp: 4182
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021279.D

Acq: 10 Dec 2021 12:46

Instrument :

MSVOA_W

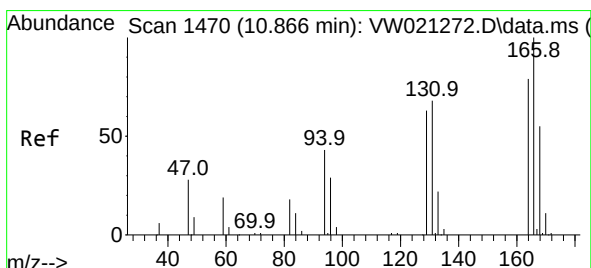
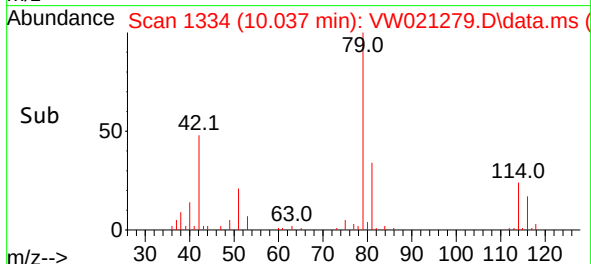
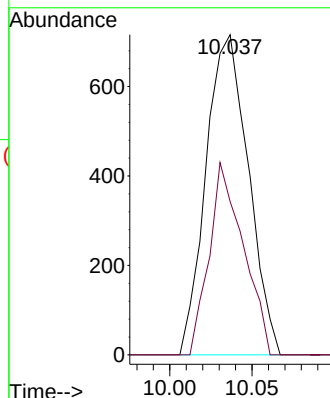
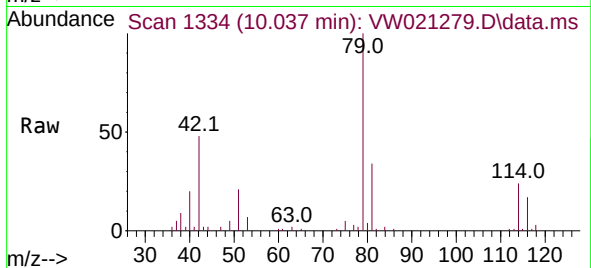
ClientSampleId :

Tgt Ion: 75 Resp: 1283

Ion Ratio Lower Upper

75 100

77 47.9 21.8 40.6#



#46

Tetrachloroethene

Concen: 0.465 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021279.D

Acq: 10 Dec 2021 12:46

Tgt Ion: 164 Resp: 634

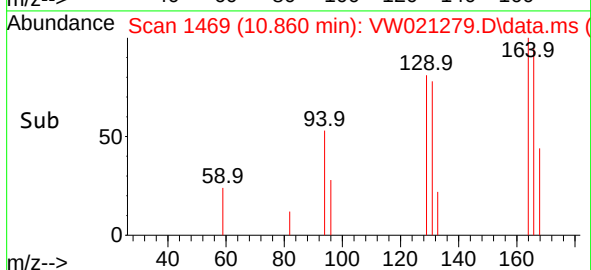
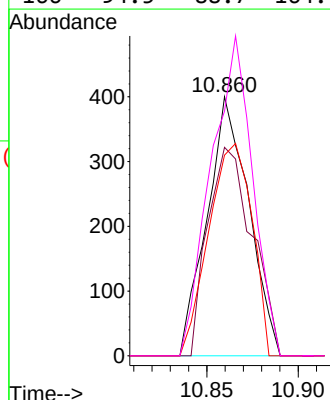
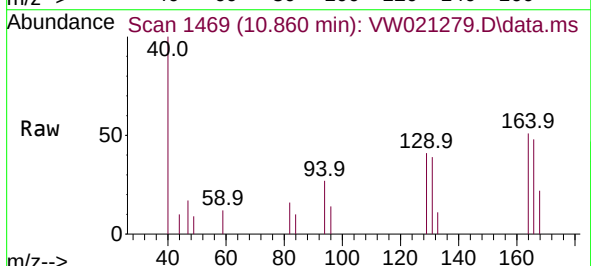
Ion Ratio Lower Upper

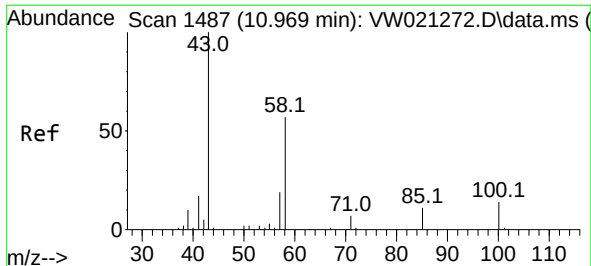
164 100

129 80.5 65.5 121.7

131 77.5 59.7 110.9

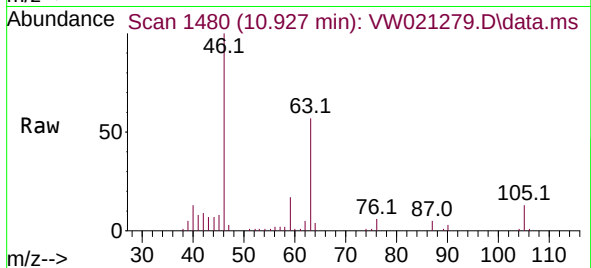
166 94.5 88.7 164.7



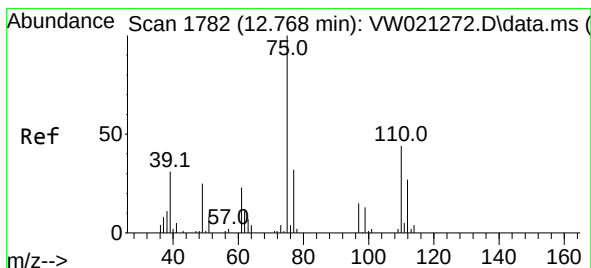
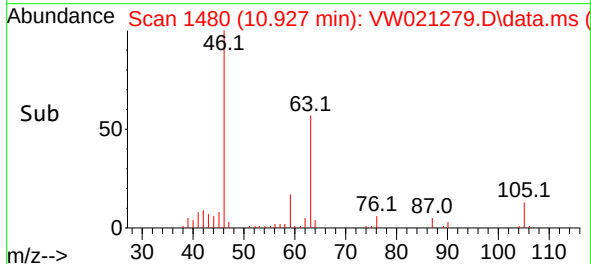
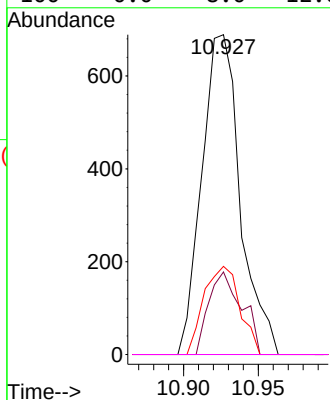


#48
2-Hexanone
Concen: 2.731 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021279.D
Acq: 10 Dec 2021 12:46

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 1231
Ion Ratio	Lower Upper
43 100	
58 22.2	40.2 60.2#
57 25.8	14.3 21.5#
100 0.0	8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.264 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW021279.D
Acq: 10 Dec 2021 12:46

Tgt Ion: 75	Resp: 5637
Ion Ratio	Lower Upper
75 100	
77 35.7	25.8 38.8
110 2.5	29.0 43.4#

