

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027376.D
 Acq On : 20 Oct 2023 16:10
 Operator : SY/MD
 Sample : 04962-13
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 04:30:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

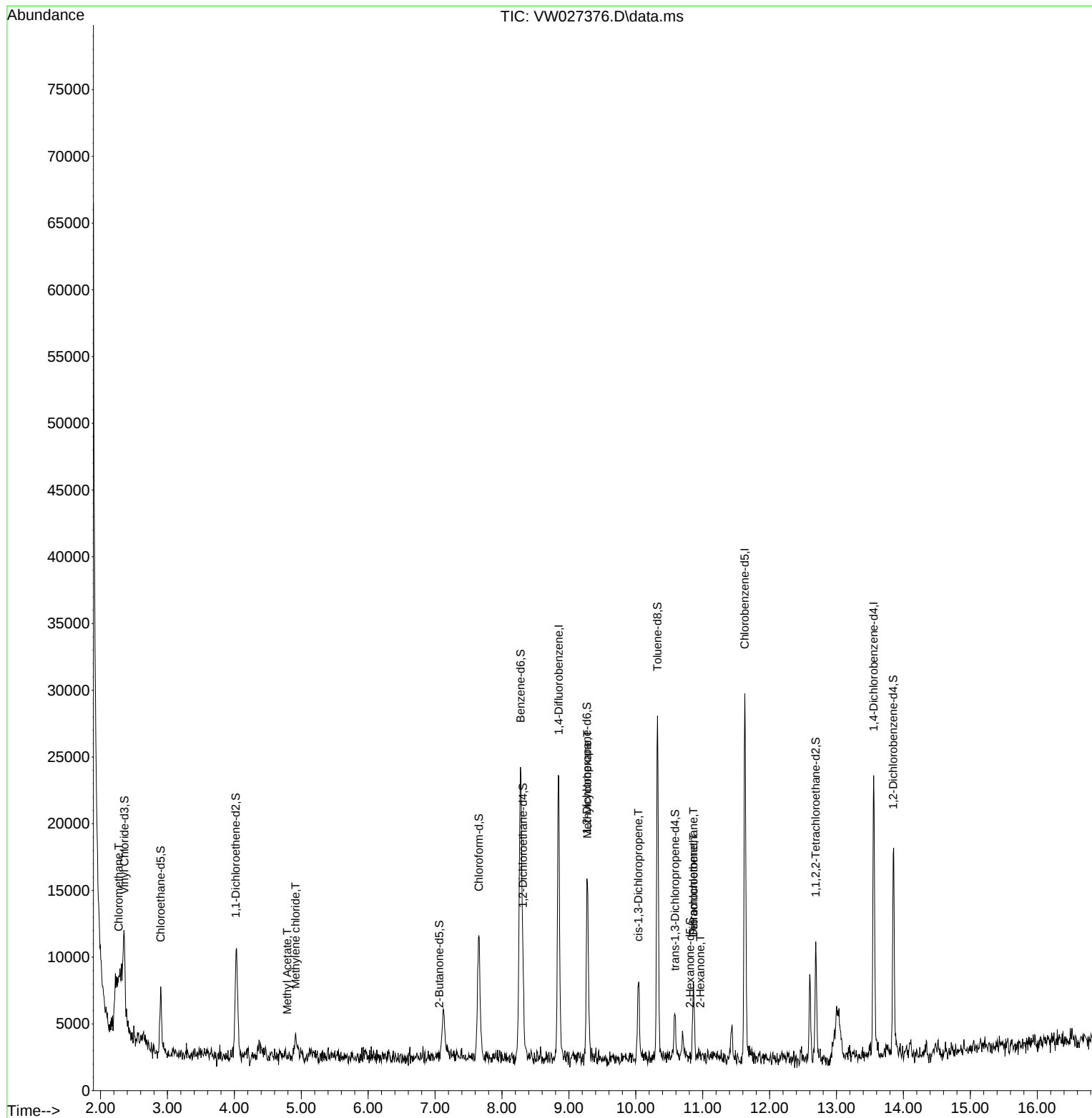
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	17822	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	14632	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	5480	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	5173	19.019	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.080%
7) Chloroethane-d5	2.899	69	4671	23.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.680%
11) 1,1-Dichloroethene-d2	4.021	65	1357	9.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.840%#
21) 2-Butanone-d5	7.063	46	94	1.040	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.080%#
24) Chloroform-d	7.654	84	9654	18.175	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.680%
26) 1,2-Dichloroethane-d4	8.313	65	5652	19.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.240%
32) Benzene-d6	8.276	84	20310	20.516	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.080%
36) 1,2-Dichloropropane-d6	9.270	67	6602	21.834	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.320%
41) Toluene-d8	10.325	98	16758	18.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.680%
43) trans-1,3-Dichloroprop...	10.587	79	1988	14.420	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.680%
47) 2-Hexanone-d5	10.812	63	19	0.304	ug/L	-0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.600%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	4046	17.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	3482	17.534	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.120%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.271	50	221	0.907	ug/L	87
15) Methyl Acetate	4.789	43	225	1.687	ug/L	91
16) Methylene chloride	4.917	84	739	2.265	ug/L	93
35) Methylcyclohexane	9.276	83	1712	3.790	ug/L	# 18
39) cis-1,3-Dichloropropene	10.038	75	356	0.834	ug/L	# 60
46) Tetrachloroethene	10.861	164	1227	7.035	ug/L	89
48) 2-Hexanone	10.965	43	244	1.854	ug/L	# 63
49) Dibromochloromethane	10.861	129	1108	5.607	ug/L	# 13

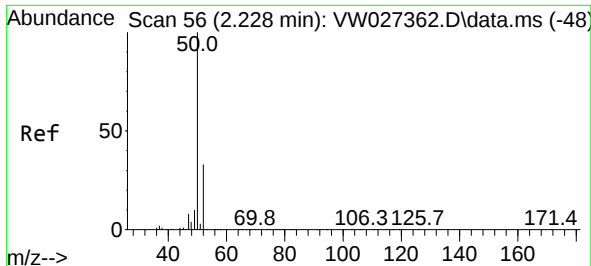
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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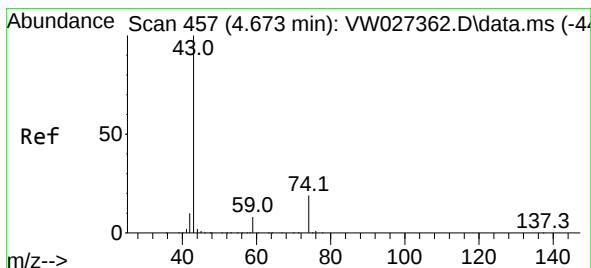
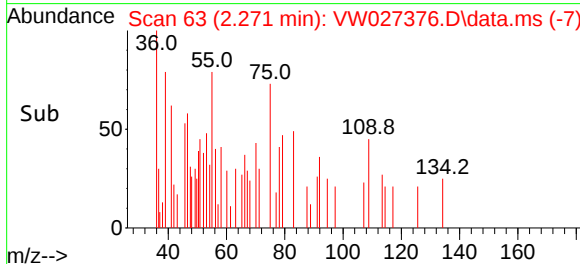
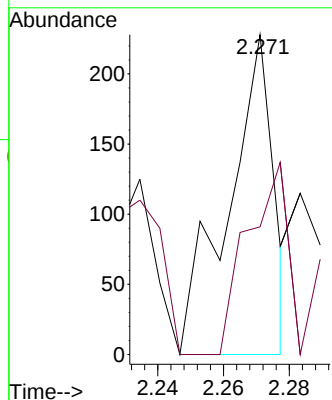
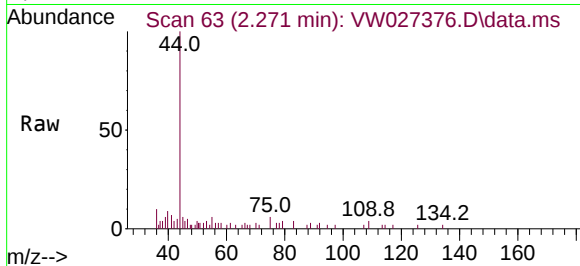




#3
Chloromethane
Concen: 0.907 ug/L
RT: 2.271 min Scan# 61
Delta R.T. 0.043 min
Lab File: VW027376.D
Acq: 20 Oct 2023 16:10

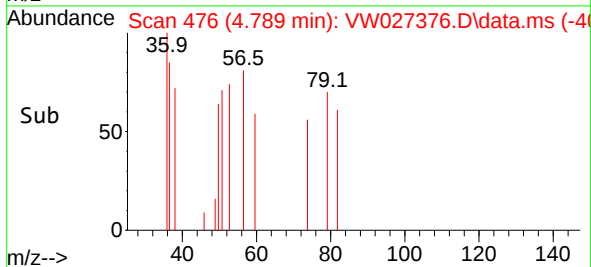
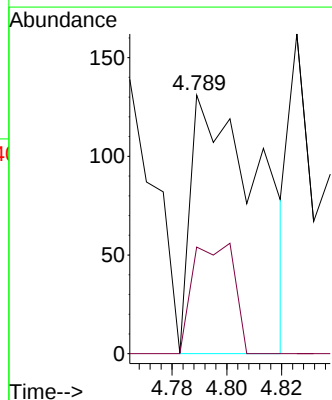
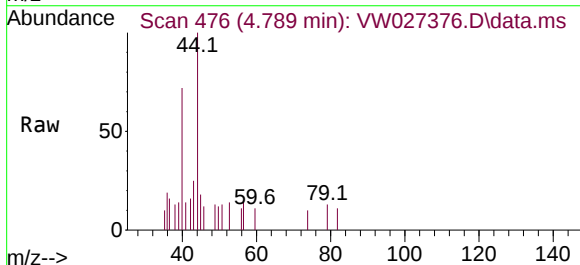
Instrument :
MSVOA_W
ClientSampleId :

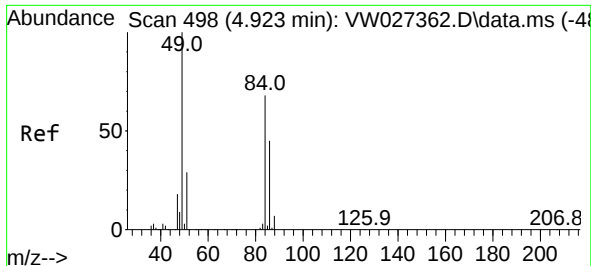
Tgt Ion: 50 Resp: 221
Ion Ratio Lower Upper
50 100
52 39.9 22.7 42.3



#15
Methyl Acetate
Concen: 1.687 ug/L
RT: 4.789 min Scan# 476
Delta R.T. 0.116 min
Lab File: VW027376.D
Acq: 20 Oct 2023 16:10

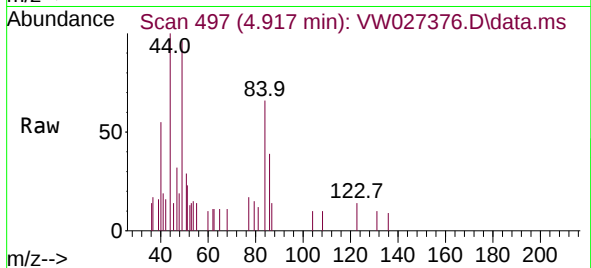
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
74 26.2 17.5 26.3



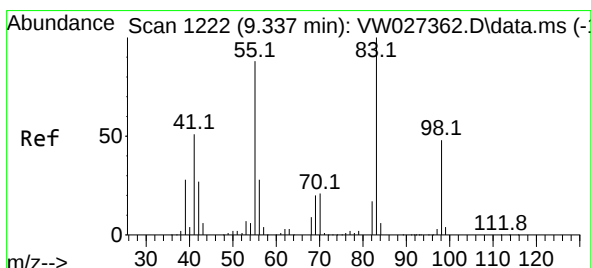
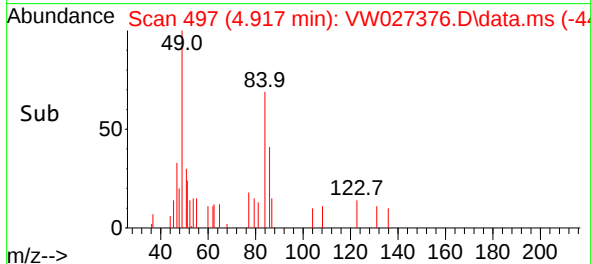
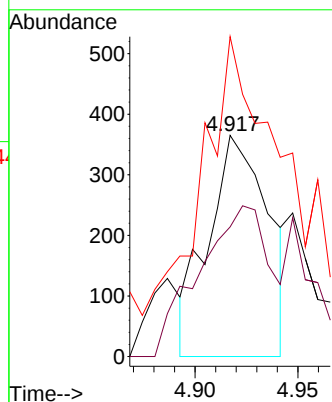


#16
Methylene chloride
Concen: 2.265 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW027376.D
Acq: 20 Oct 2023 16:10

Instrument :
MSVOA_W
ClientSampleId :

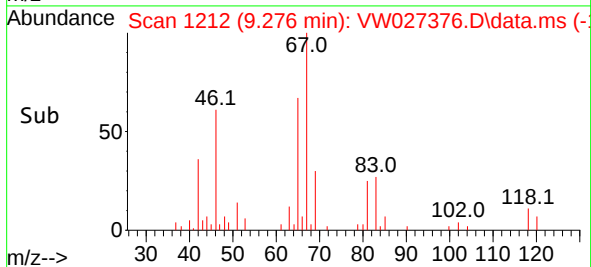
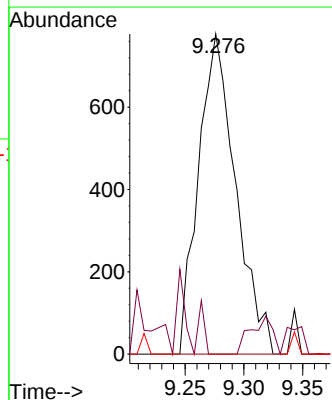
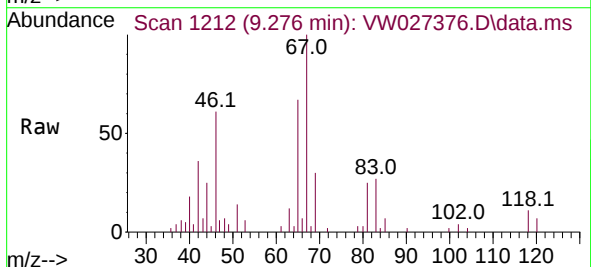


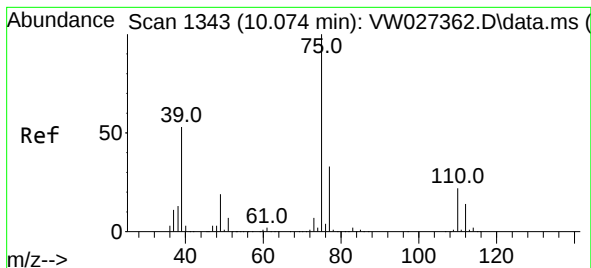
Tgt Ion:	84	Resp:	739
Ion	Ratio	Lower	Upper
84	100		
86	58.6	41.3	76.7
49	144.7	92.8	172.4



#35
Methylcyclohexane
Concen: 3.790 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.061 min
Lab File: VW027376.D
Acq: 20 Oct 2023 16:10

Tgt Ion:	83	Resp:	1712
Ion	Ratio	Lower	Upper
83	100		
55	2.8	65.8	98.8#
98	0.0	38.1	57.1#





#39

cis-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 10.038 min Scan# 1

Delta R.T. -0.036 min

Lab File: VW027376.D

Acq: 20 Oct 2023 16:10

Instrument :

MSVOA_W

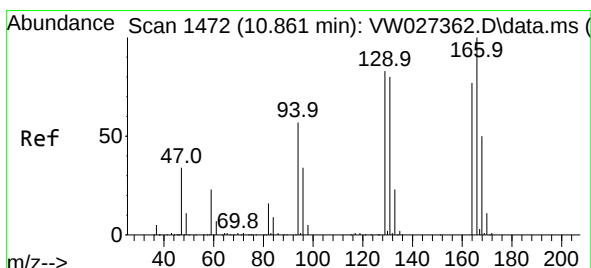
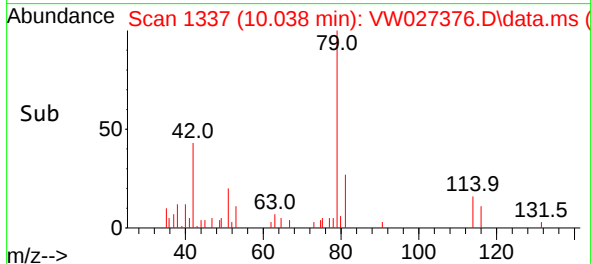
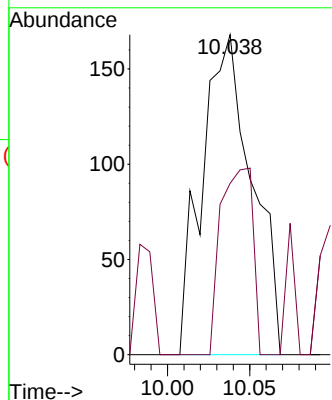
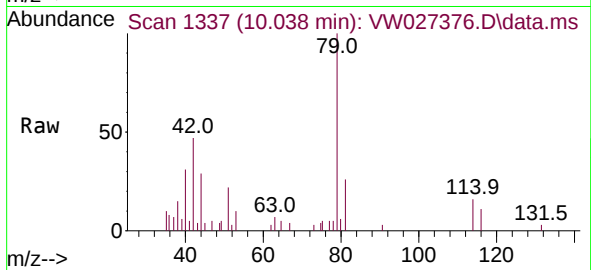
ClientSampleId :

Tgt Ion: 75 Resp: 356

Ion Ratio Lower Upper

75 100

77 53.6 21.9 40.7#



#46

Tetrachloroethene

Concen: 7.035 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027376.D

Acq: 20 Oct 2023 16:10

Tgt Ion:164 Resp: 1227

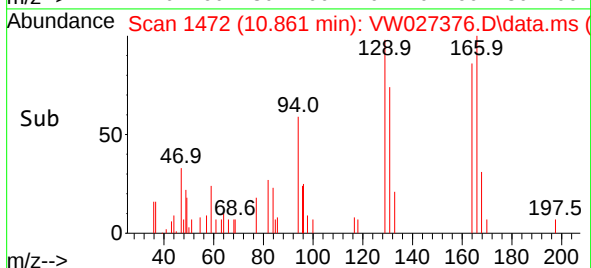
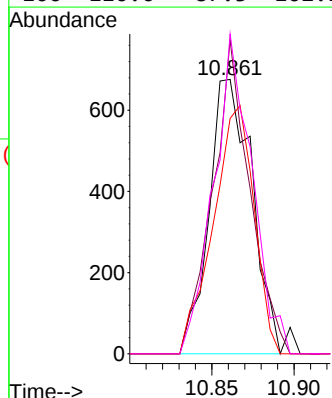
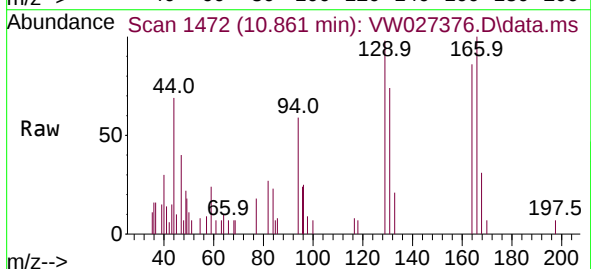
Ion Ratio Lower Upper

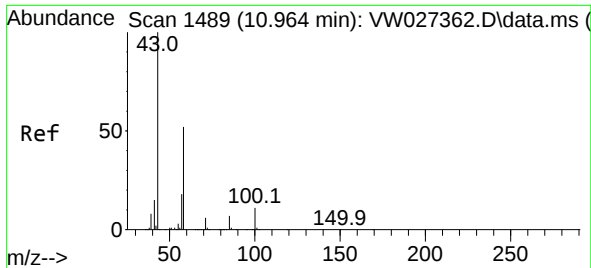
164 100

129 114.3 74.7 138.7

131 85.8 73.2 136.0

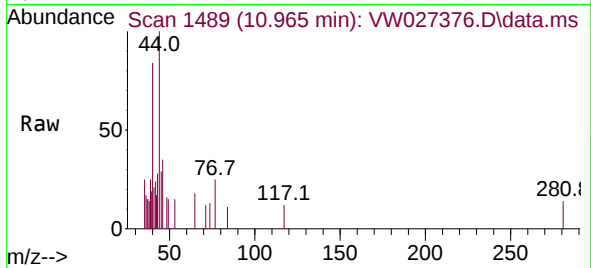
166 116.6 87.3 162.1



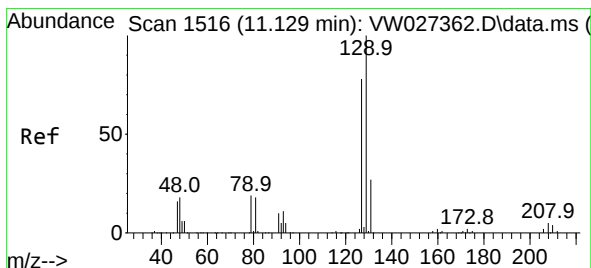
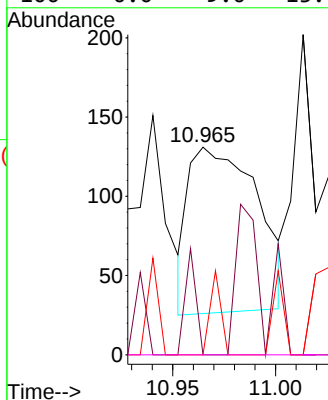
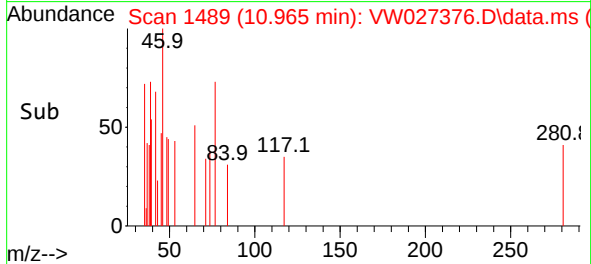


#48
2-Hexanone
Concen: 1.854 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027376.D
Acq: 20 Oct 2023 16:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 244
Ion Ratio	Lower Upper
43 100	
58 27.0	42.2 63.4#
57 0.0	15.1 22.7#
100 0.0	9.0 13.4#



#49
Dibromochloromethane
Concen: 5.607 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.268 min
Lab File: VW027376.D
Acq: 20 Oct 2023 16:10

Tgt Ion:129	Resp:	1108	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#

