

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110222\
 Data File : VW025003.D
 Acq On : 02 Nov 2022 13:29
 Operator : SY/VA
 Sample : N5421-02
 Misc : 4.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1114

Quant Time: Nov 03 06:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 23:51:01 2022
 Response via : Initial Calibration

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

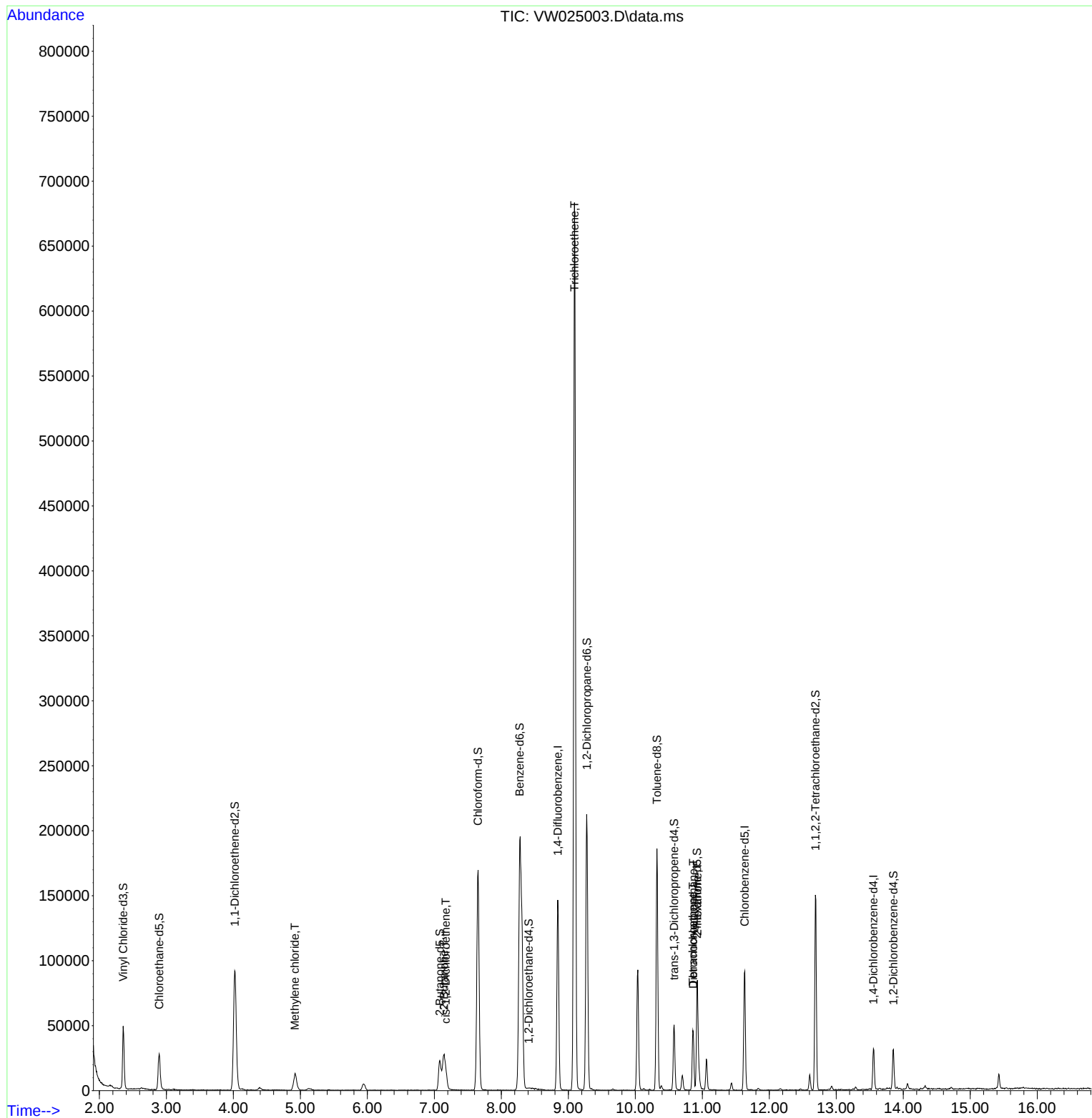
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	116208	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	51266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	8150	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	43831	33.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.400%	
7) Chloroethane-d5	2.892	69	30504	39.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 159.680%#	
11) 1,1-Dichloroethene-d2	4.019	63	94949	29.223	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 116.880%#	
21) 2-Butanone-d5	7.080	46	37700	85.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 171.280%#	
24) Chloroform-d	7.653	84	171993	48.769	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 195.080%#	
26) 1,2-Dichloroethane-d4	8.409	65	177	0.090	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.360%#	
32) Benzene-d6	8.275	84	191637	58.320	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 233.280%#	
36) 1,2-Dichloropropane-d6	9.275	67	93326	96.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 387.720%#	
41) Toluene-d8	10.323	98	122080	39.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 159.640%#	
43) trans-1,3-Dichloroprop...	10.579	79	28342	66.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 265.560%#	
47) 2-Hexanone-d5	10.921	63	28235	169.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 339.540%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	72572	94.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 377.600%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	7733	24.690	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.760%	
Target Compounds						
						Qvalue
16) Methylene chloride	4.916	84	9965	4.830	ug/L	93
20) cis-1,2-Dichloroethene	7.171	96	5962	3.544	ug/L	94
22) 2-Butanone	7.147	43	7691	16.414	ug/L #	50
34) Trichloroethene	9.092	95	235433	288.080	ug/L	96
46) Tetrachloroethene	10.860	164	10390	17.777	ug/L	96
48) 2-Hexanone	10.927	43	4947	16.268	ug/L #	61
49) Dibromochloromethane	10.866	129	9487	13.757	ug/L #	11

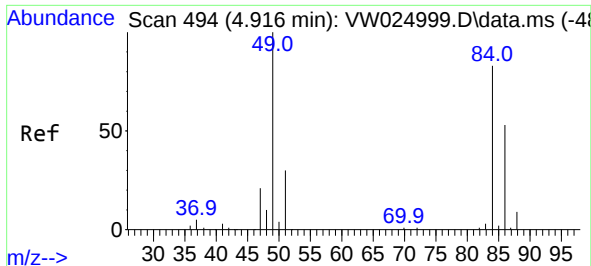
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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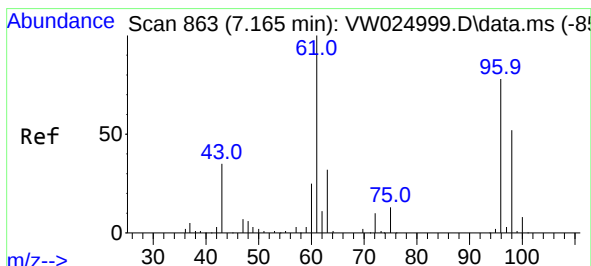
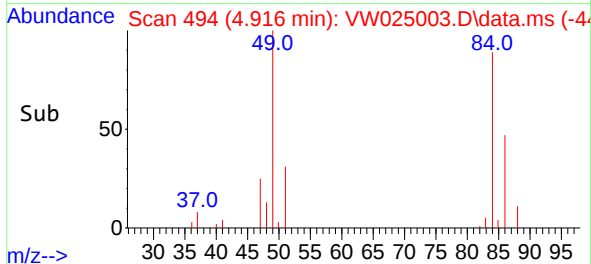
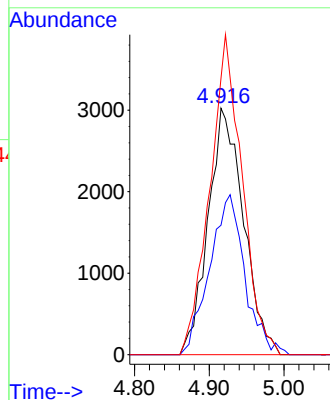
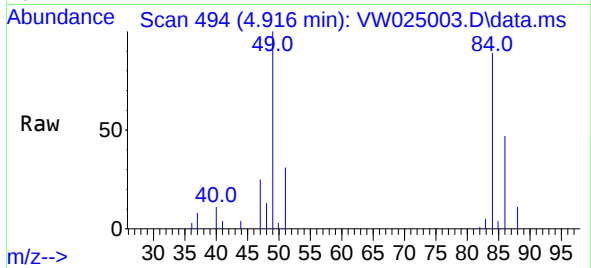




#16
Methylene chloride
Concen: 4.830 ug/L
RT: 4.916 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW025003.D
Acq: 02 Nov 2022 13:29

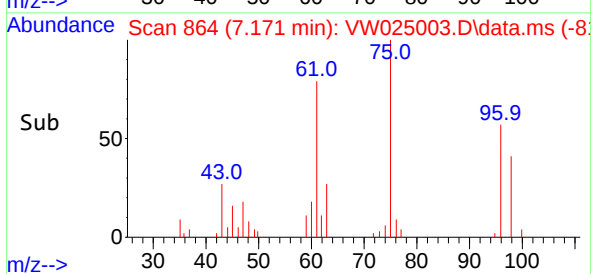
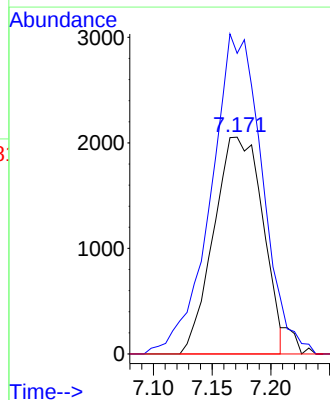
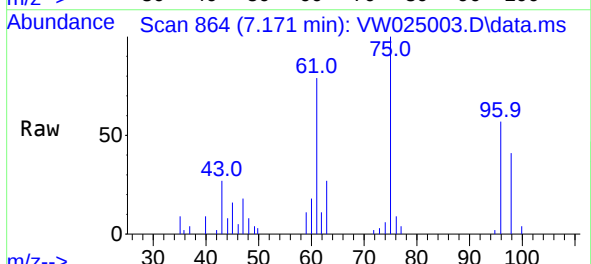
Instrument :
MSVOA_W
ClientSampleId :
C1114

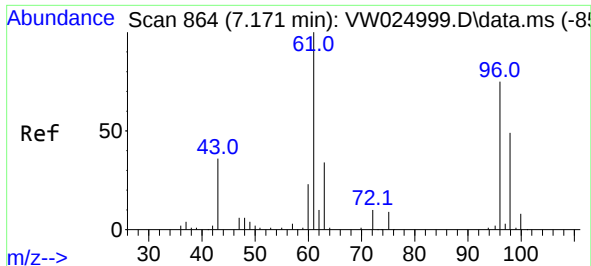
Tgt Ion:	84	Resp:	9965
Ion	Ratio	Lower	Upper
84	100		
86	52.5	42.6	79.0
49	112.2	81.9	152.1



#20
cis-1,2-Dichloroethene
Concen: 3.544 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025003.D
Acq: 02 Nov 2022 13:29

Tgt Ion:	96	Resp:	5962
Ion	Ratio	Lower	Upper
96	100		
61	138.7	91.8	170.6
68	0.0	0.0	0.0

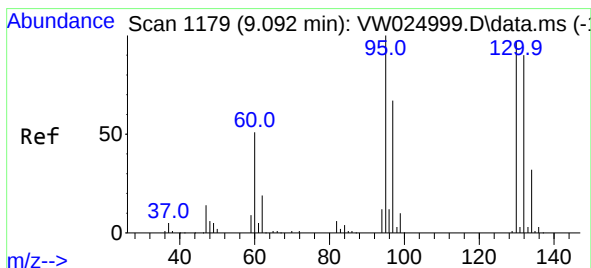
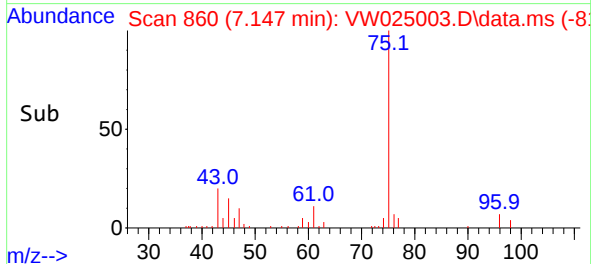
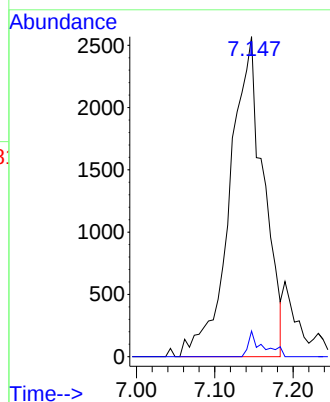
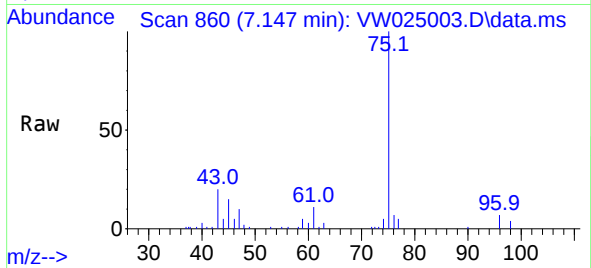




#22
2-Butanone
Concen: 16.414 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.030 min
Lab File: VW025003.D
Acq: 02 Nov 2022 13:29

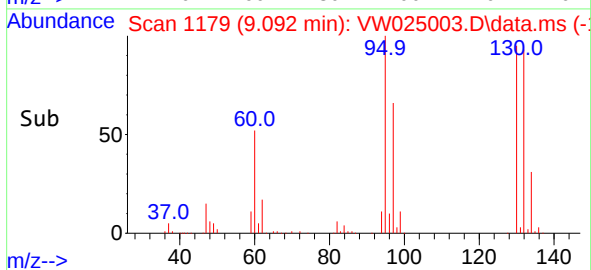
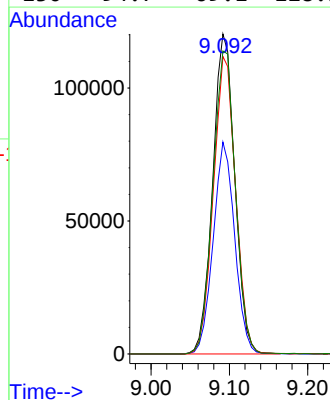
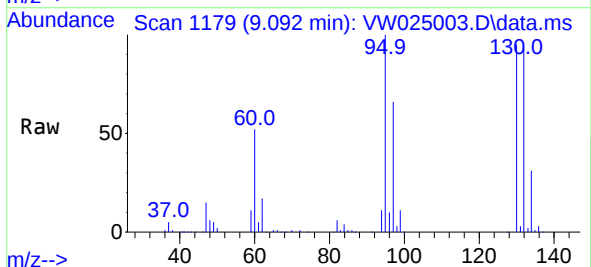
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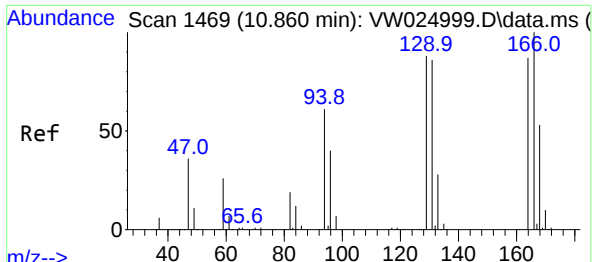
Tgt Ion: 43 Resp: 7691
Ion Ratio Lower Upper
43 100
72 2.4 14.6 44.0#



#34
Trichloroethene
Concen: 288.080 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025003.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 95 Resp: 235433
Ion Ratio Lower Upper
95 100
97 66.2 44.7 83.1
132 92.9 62.6 116.2
130 94.7 69.1 128.3



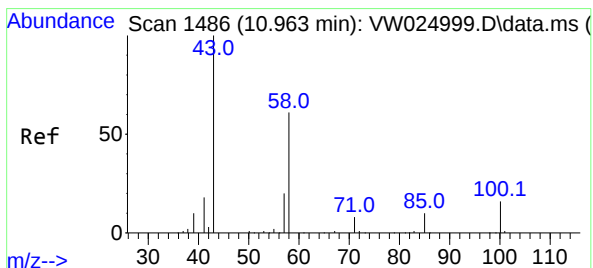
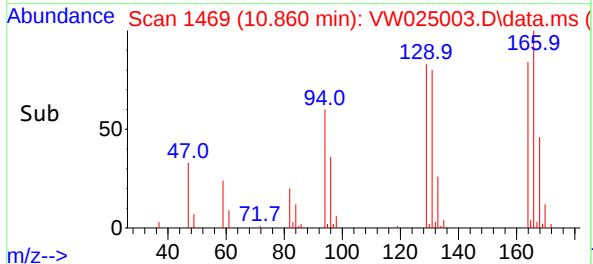
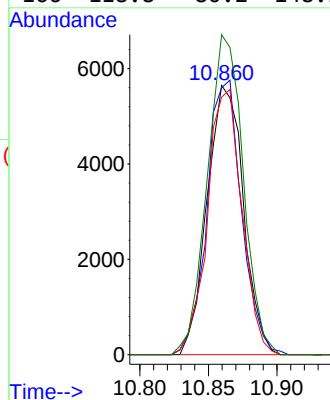
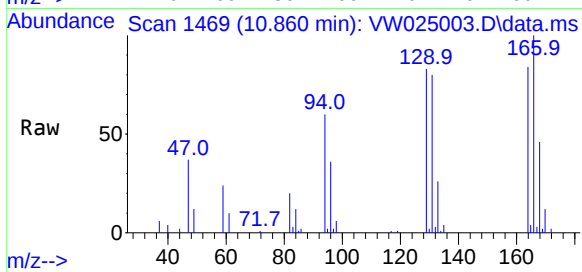


#46
Tetrachloroethene
Concen: 17.777 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025003.D
Acq: 02 Nov 2022 13:29

Instrument :
MSVOA_W
ClientSampleId :
C1114

Tgt Ion:164 Resp: 10390

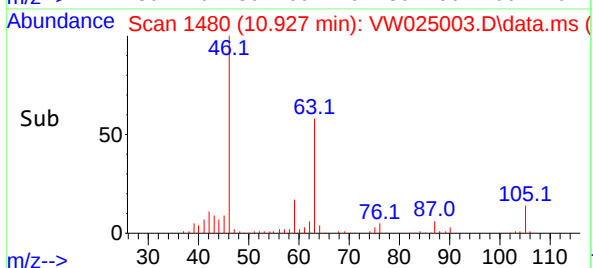
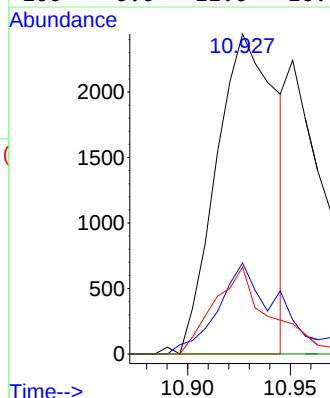
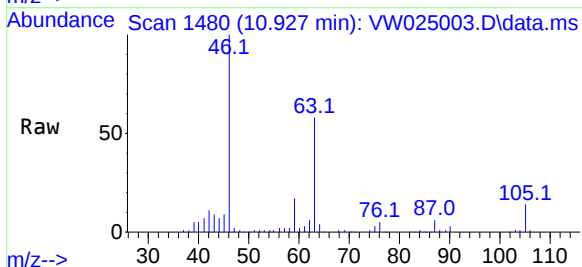
Ion	Ratio	Lower	Upper
164	100		
129	99.2	72.9	135.5
131	95.6	70.1	130.3
166	118.8	80.2	148.9

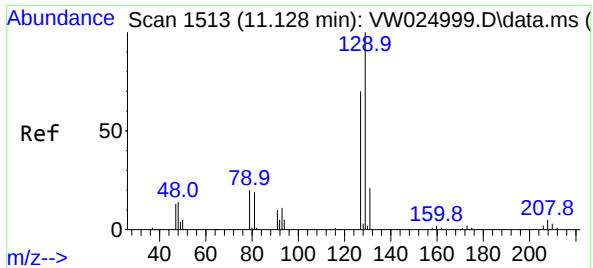


#48
2-Hexanone
Concen: 16.268 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW025003.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 43 Resp: 4947

Ion	Ratio	Lower	Upper
43	100		
58	20.2	46.1	69.1#
57	25.3	16.2	24.2#
100	0.0	11.0	16.6#





#49
Dibromochloromethane
Concen: 13.757 ug/L
RT: 10.866 min Scan# 14
Delta R.T. -0.262 min
Lab File: VW025003.D
Acq: 02 Nov 2022 13:29

Instrument :
MSVOA_W
ClientSampleId :
C1114

Tgt Ion:129 Resp: 9487
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

