

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
 Data File : VW027092.D
 Acq On : 13 Sep 2023 14:50
 Operator : SY/MD
 Sample : 04330-21RE
 Misc : 8.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 14 05:45:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

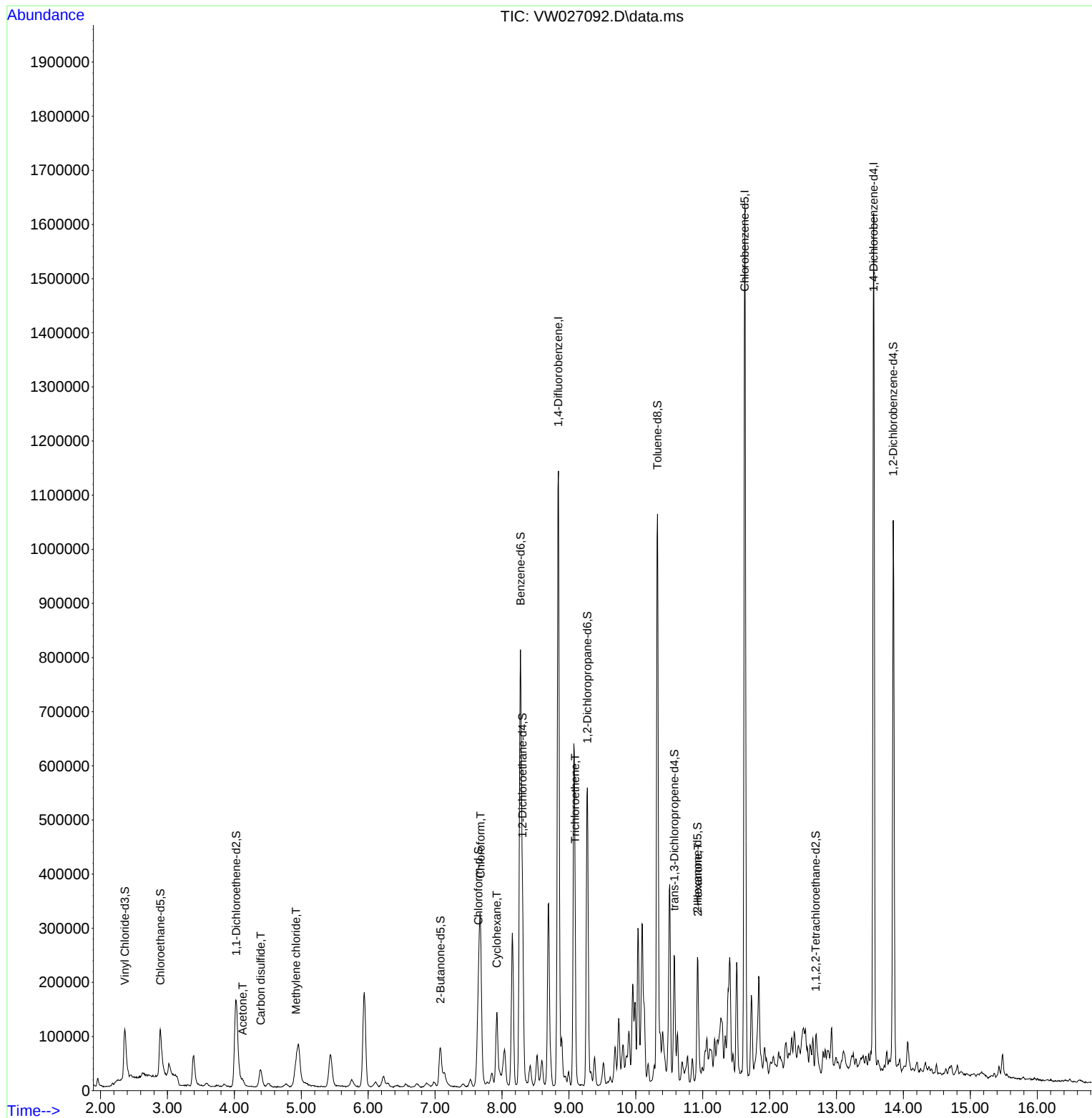
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	971964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	901223	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	426538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	143915	8.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.160%
7) Chloroethane-d5	2.893	69	145521	10.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.520%
11) 1,1-Dichloroethene-d2	4.027	65	67213	10.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.000%#
21) 2-Butanone-d5	7.081	46	120919	36.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.280%
24) Chloroform-d	7.648	84	167616	5.795	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	23.200%#
26) 1,2-Dichloroethane-d4	8.307	65	232014	15.262	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	61.040%#
32) Benzene-d6	8.276	84	869645	14.712	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.840%
36) 1,2-Dichloropropane-d6	9.276	67	277712	16.003	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	64.000%#
41) Toluene-d8	10.324	98	737145	13.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.080%
43) trans-1,3-Dichloroprop...	10.574	79	104262	15.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.920%
47) 2-Hexanone-d5	10.922	63	69216	42.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	29622	2.200	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	8.800%#
66) 1,2-Dichlorobenzene-d4	13.848	152	285982	19.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.560%
Target Compounds						
					Qvalue	
13) Acetone	4.124	43	13401	4.574	ug/L	97
14) Carbon disulfide	4.393	76	82816	1.880	ug/L	97
16) Methylene chloride	4.923	84	42493	2.257	ug/L	96
25) Chloroform	7.679	83	279303	10.051	ug/L	96
29) Cyclohexane	7.922	56	29751	1.266	ug/L #	39
34) Trichloroethene	9.093	95	14761	0.932	ug/L #	84
48) 2-Hexanone	10.928	43	18599	3.361	ug/L #	40

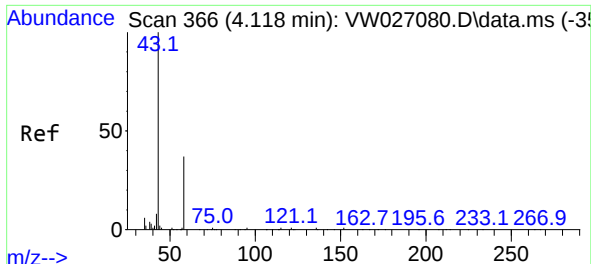
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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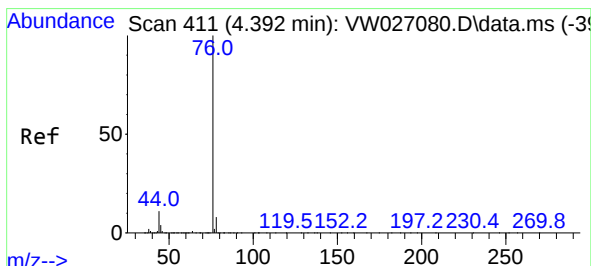
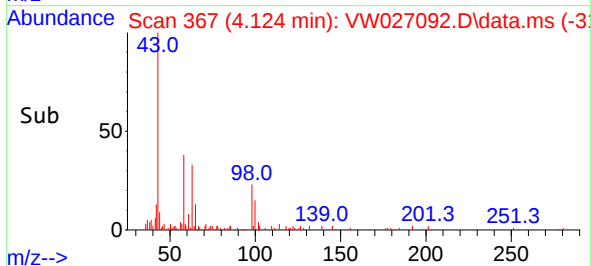
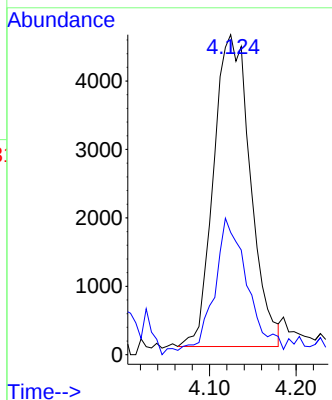
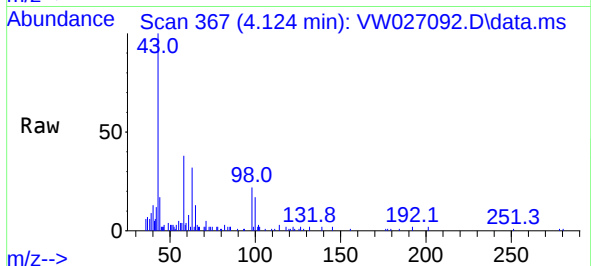




#13
Acetone
Concen: 4.574 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027092.D
Acq: 13 Sep 2023 14:50

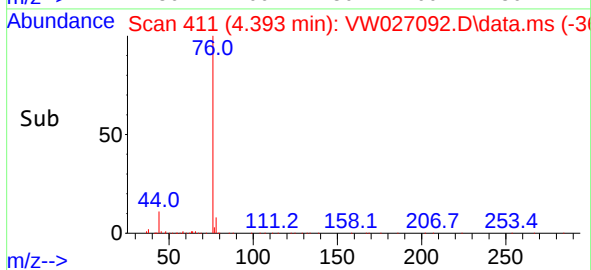
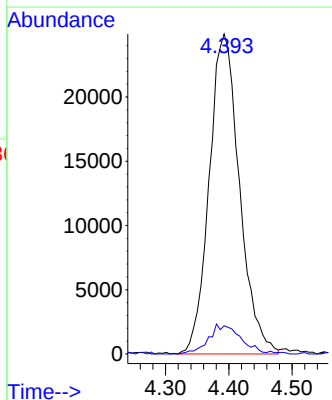
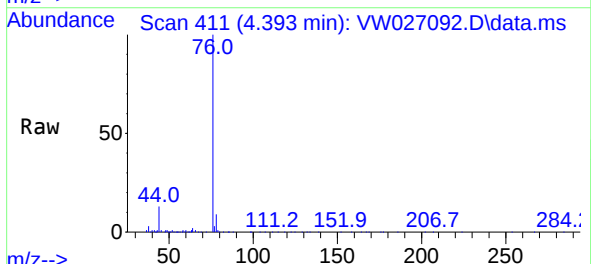
Instrument :
MSVOA_W
ClientSampleId :

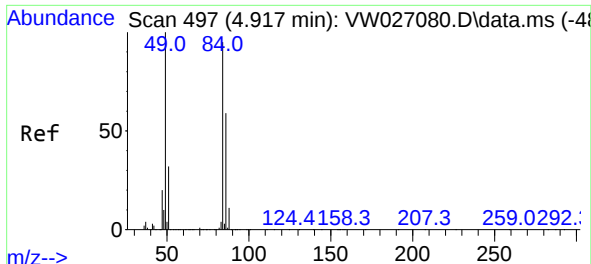
Tgt Ion: 43 Resp: 13401
Ion Ratio Lower Upper
43 100
58 34.8 0.0 66.4



#14
Carbon disulfide
Concen: 1.880 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027092.D
Acq: 13 Sep 2023 14:50

Tgt Ion: 76 Resp: 82816
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

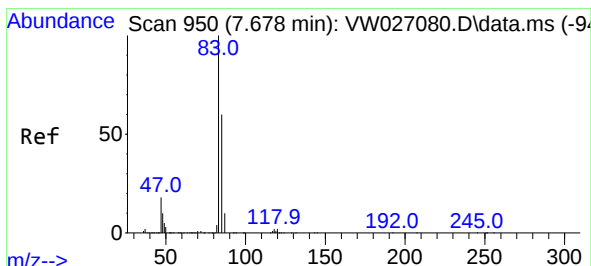
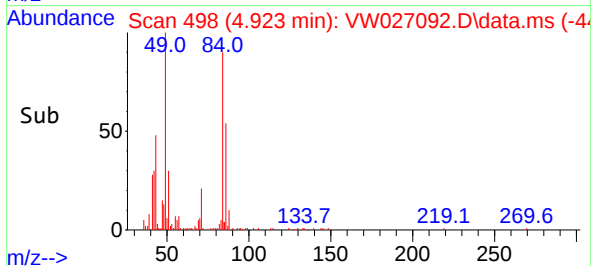
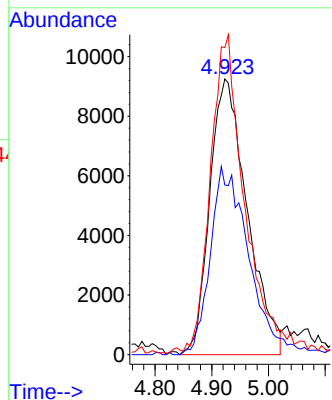
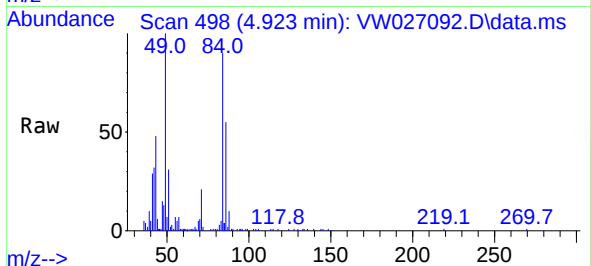




#16
Methylene chloride
Concen: 2.257 ug/L
RT: 4.923 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW027092.D
Acq: 13 Sep 2023 14:50

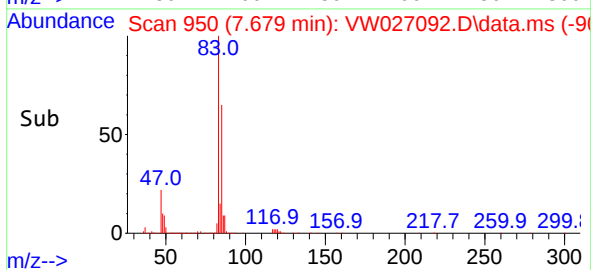
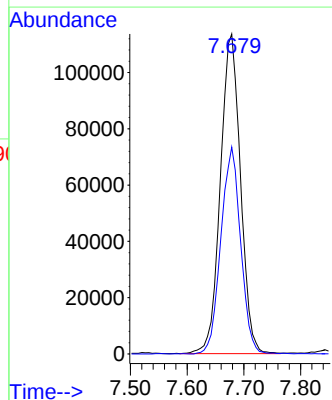
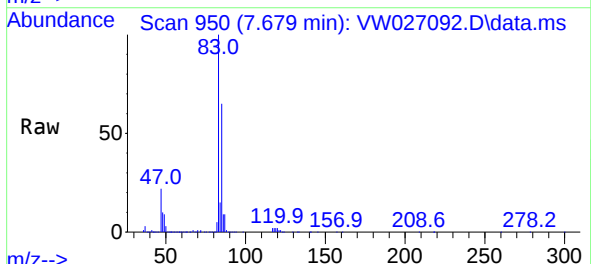
Instrument :
MSVOA_W
ClientSampleId :

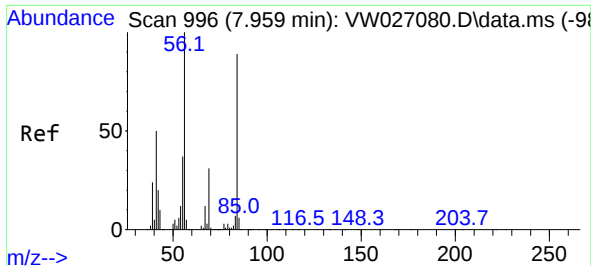
Tgt Ion: 84 Resp: 42493
Ion Ratio Lower Upper
84 100
86 61.5 44.1 81.9
49 111.4 82.1 152.5



#25
Chloroform
Concen: 10.051 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027092.D
Acq: 13 Sep 2023 14:50

Tgt Ion: 83 Resp: 279303
Ion Ratio Lower Upper
83 100
85 64.6 47.3 87.9





#29

Cyclohexane

Concen: 1.266 ug/L

RT: 7.922 min Scan# 996

Delta R.T. -0.037 min

Lab File: VW027092.D

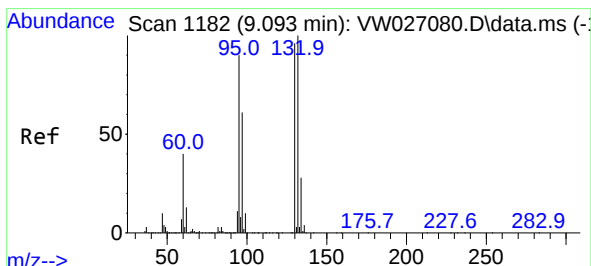
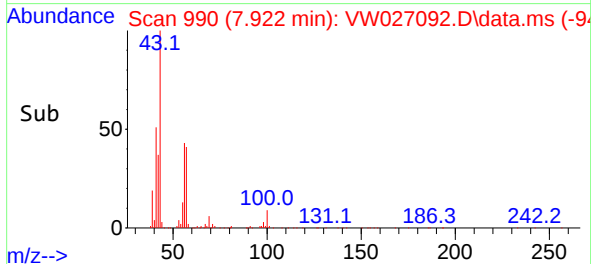
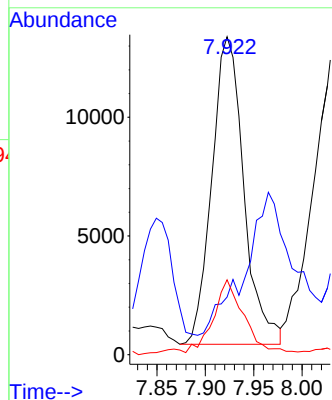
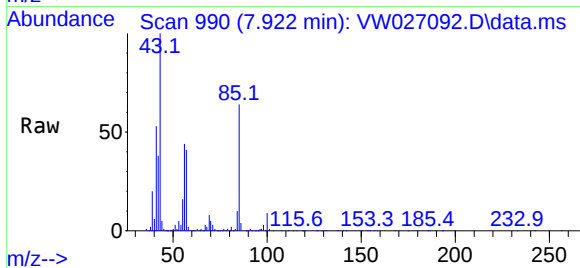
Acq: 13 Sep 2023 14:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	29751
Ion	Ratio	Lower	Upper
56	100		
69	11.0	24.8	37.2#
84	21.5	68.2	102.4#



#34

Trichloroethene

Concen: 0.932 ug/L

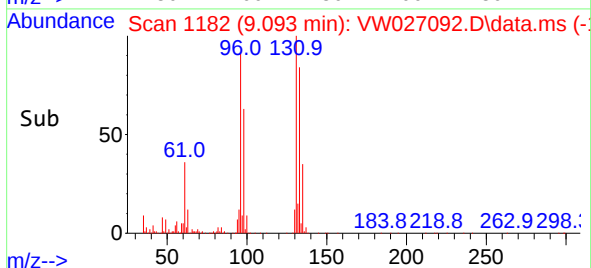
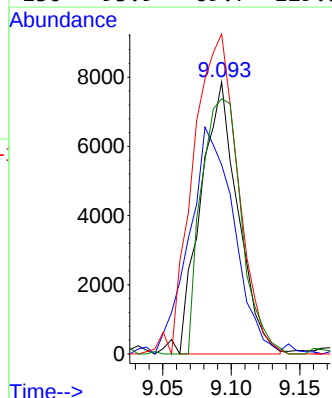
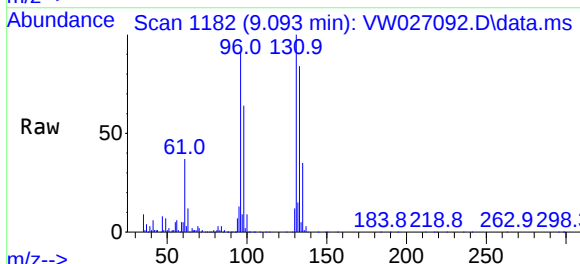
RT: 9.093 min Scan# 1182

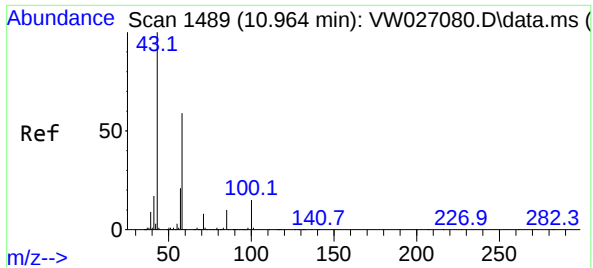
Delta R.T. -0.000 min

Lab File: VW027092.D

Acq: 13 Sep 2023 14:50

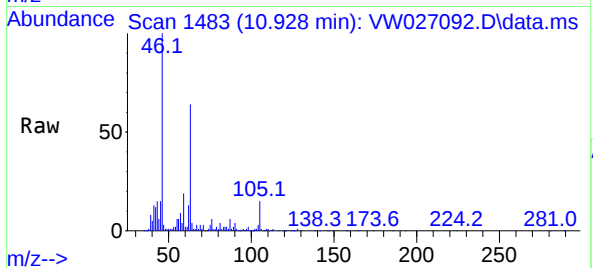
Tgt Ion:	95	Resp:	14761
Ion	Ratio	Lower	Upper
95	100		
97	69.6	42.4	78.8
132	117.7	63.1	117.3#
130	93.9	69.7	129.5





#48
 2-Hexanone
 Concen: 3.361 ug/L
 RT: 10.928 min Scan# 14
 Delta R.T. -0.037 min
 Lab File: VW027092.D
 Acq: 13 Sep 2023 14:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43 Resp: 18599

Ion	Ratio	Lower	Upper
43	100		
58	22.9	47.5	71.3#
57	71.2	15.2	22.8#
100	1.6	10.5	15.7#

