

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027132.D
 Acq On : 18 Sep 2023 17:15
 Operator : SY/MD
 Sample : 04472-07
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:39:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:36:33 2023
 Response via : Initial Calibration

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

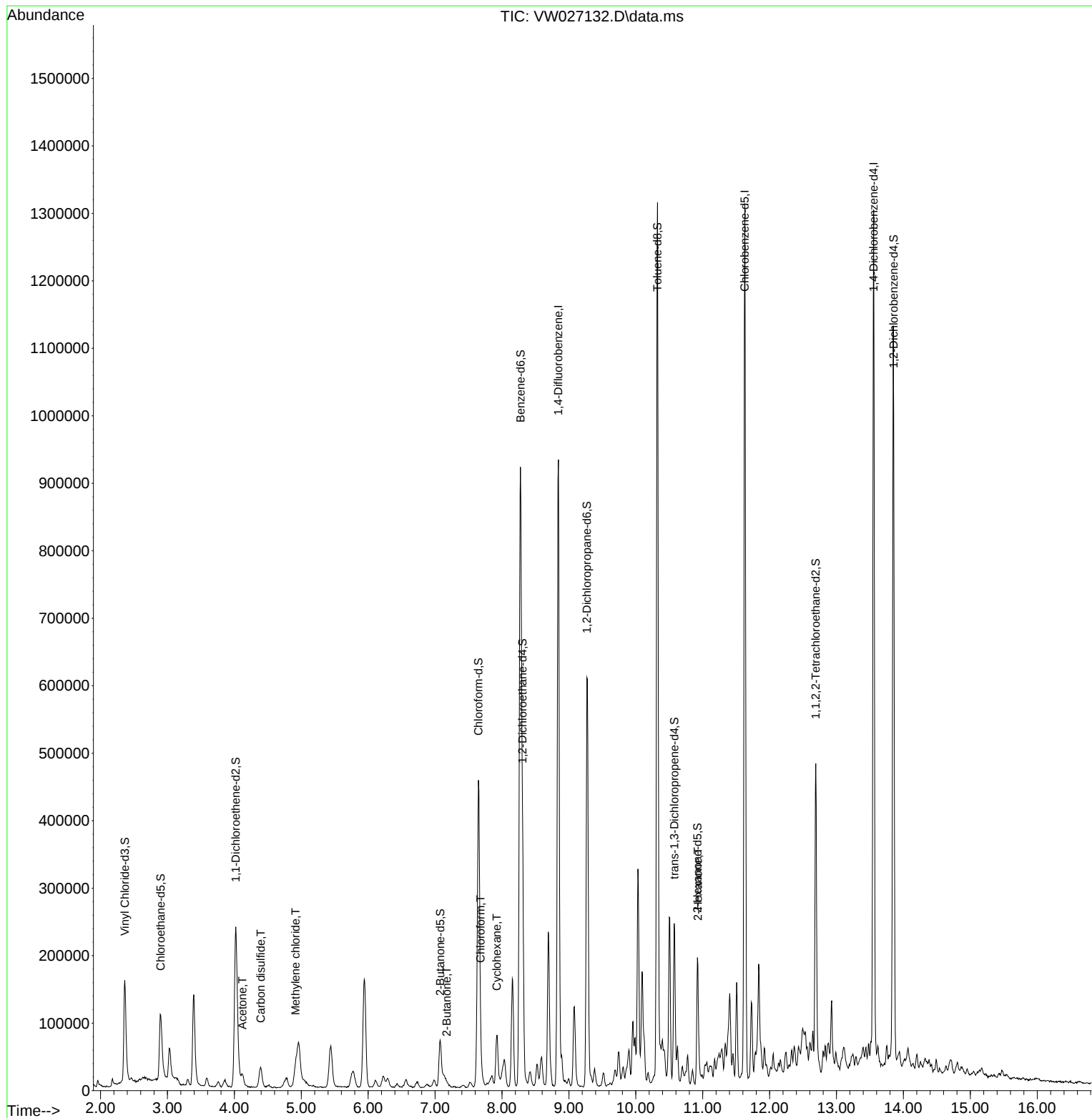
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	799123	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	724631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	344829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	182484	14.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.760%
7) Chloroethane-d5	2.899	69	168556	16.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.920%
11) 1,1-Dichloroethene-d2	4.021	65	87797	15.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.720%
21) 2-Butanone-d5	7.075	46	113993	47.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.760%
24) Chloroform-d	7.648	84	462324	19.257	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.040%
26) 1,2-Dichloroethane-d4	8.307	65	250621	21.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.560%
32) Benzene-d6	8.276	84	1025934	21.923	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	9.270	67	313665	23.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	10.325	98	898105	21.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.240%
43) trans-1,3-Dichloroprop...	10.575	79	112518	21.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.120%
47) 2-Hexanone-d5	10.922	63	65352	40.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239841	22.605	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	13.855	152	300279	24.384	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.520%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	24838	11.043	ug/L	97
14) Carbon disulfide	4.393	76	73945	1.903	ug/L	100
16) Methylene chloride	4.917	84	30541	2.009	ug/L	88
22) 2-Butanone	7.173	43	8900	2.929	ug/L	77
25) Chloroform	7.679	83	28599	1.256	ug/L	89
29) Cyclohexane	7.923	56	16674	0.961	ug/L #	42
48) 2-Hexanone	10.928	43	10296	2.678	ug/L #	40

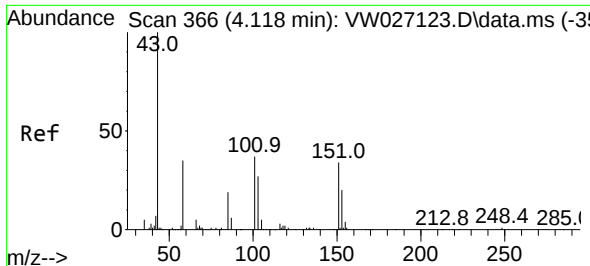
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Sep 18 22:36:33 2023
Response via : Initial Calibration

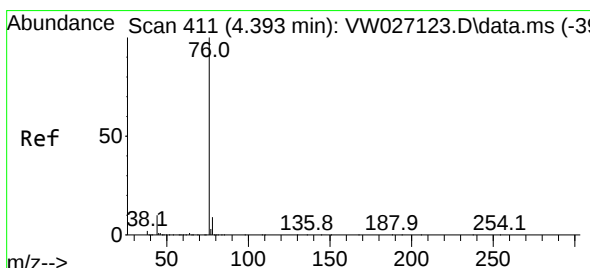
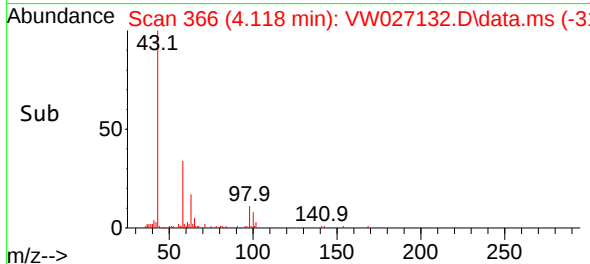
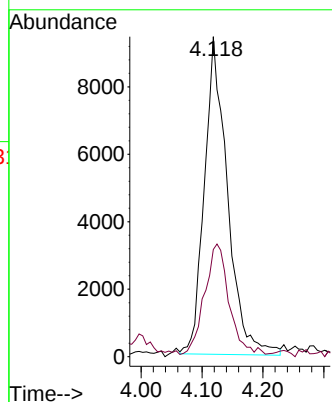
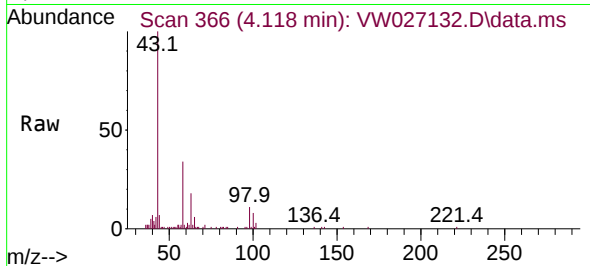




#13
Acetone
Concen: 11.043 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027132.D
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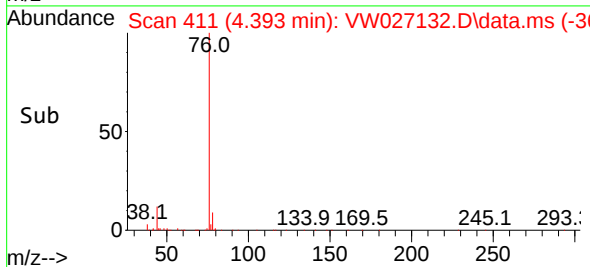
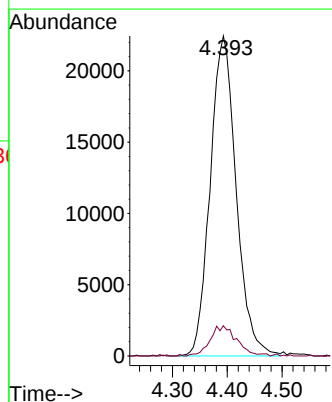
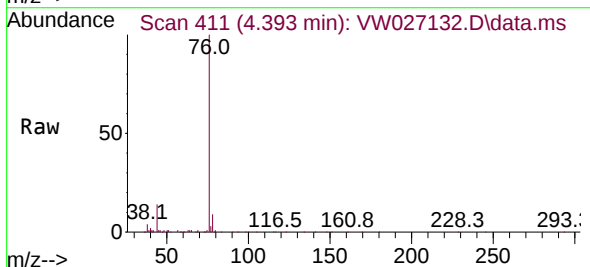
Instrument :
MSVOA_W
ClientSampleId :

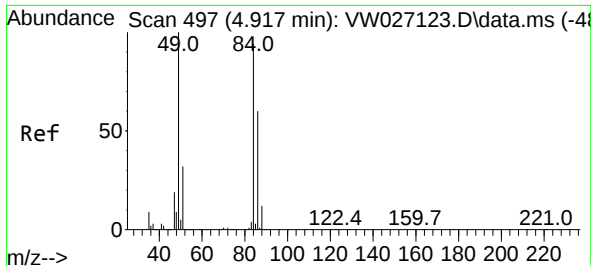
Tgt Ion: 43 Resp: 24838
Ion Ratio Lower Upper
43 100
58 37.1 0.0 77.4



#14
Carbon disulfide
Concen: 1.903 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027132.D
Acq: 18 Sep 2023 17:15

Tgt Ion: 76 Resp: 73945
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

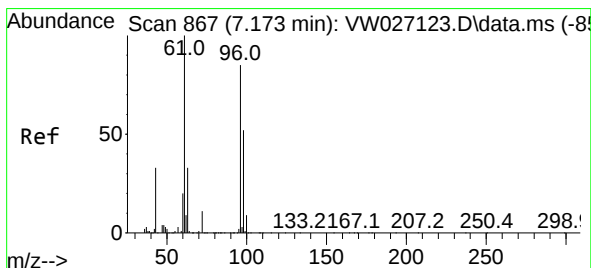
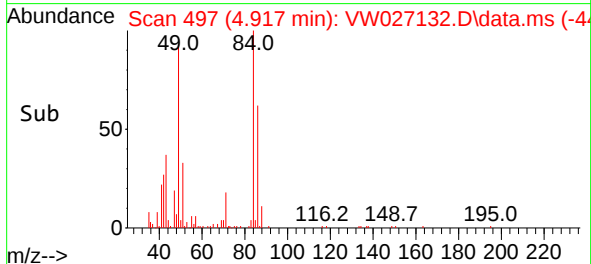
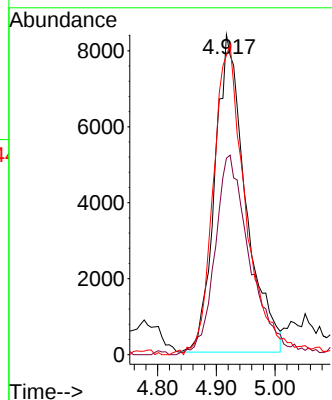
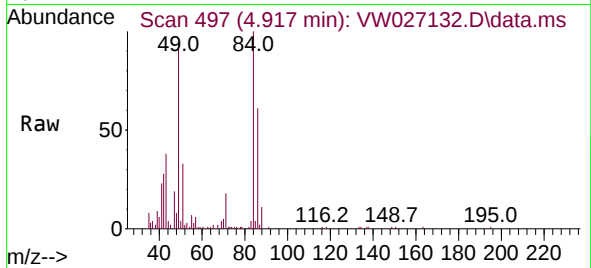




#16
Methylene chloride
Concen: 2.009 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027132.D
Acq: 18 Sep 2023 17:15

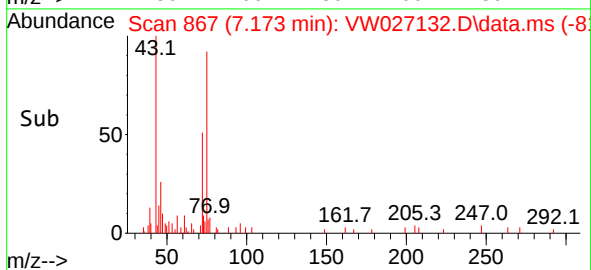
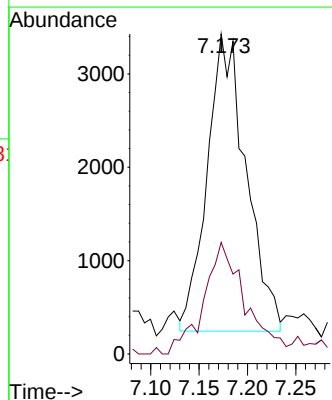
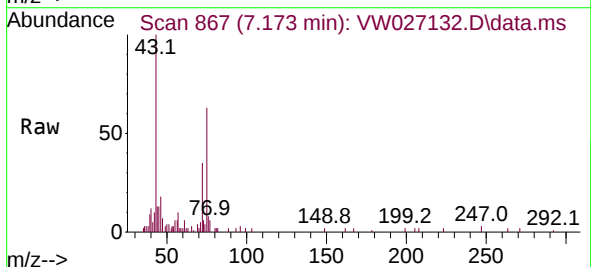
Instrument :
MSVOA_W
ClientSampleId :

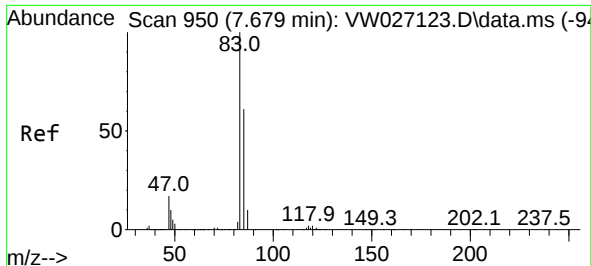
Tgt Ion: 84 Resp: 30541
Ion Ratio Lower Upper
84 100
86 61.4 46.7 86.7
49 93.5 77.1 143.1



#22
2-Butanone
Concen: 2.929 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027132.D
Acq: 18 Sep 2023 17:15

Tgt Ion: 43 Resp: 8900
Ion Ratio Lower Upper
43 100
72 20.3 16.8 50.4

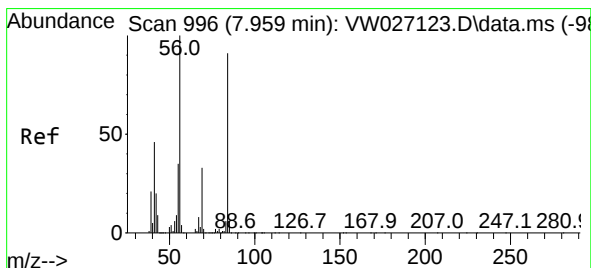
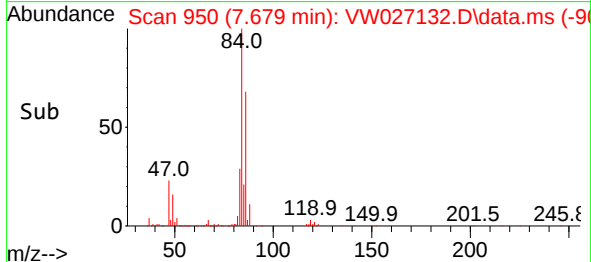
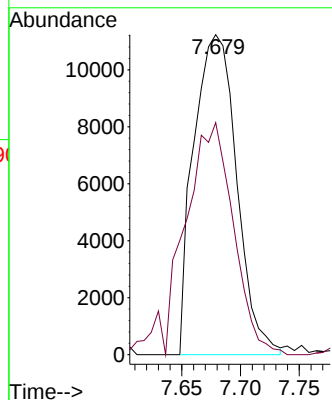
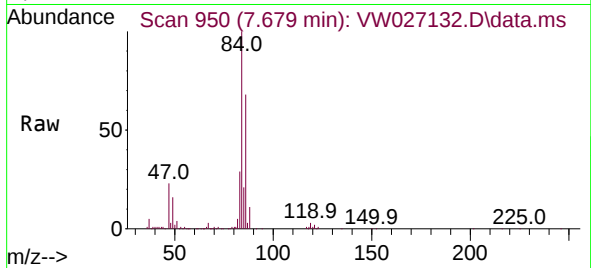




#25
Chloroform
Concen: 1.256 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.000 min
Lab File: VW027132.D
Acq: 18 Sep 2023 17:15

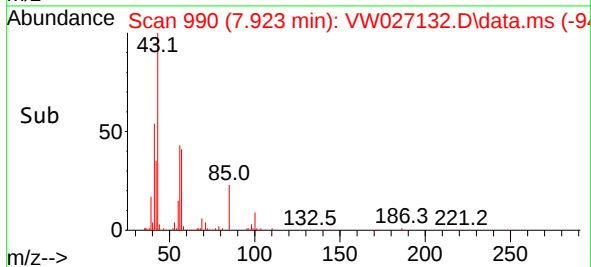
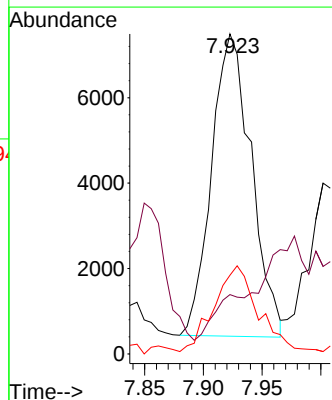
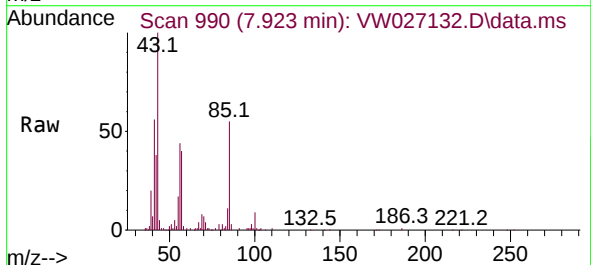
Instrument :
MSVOA_W
ClientSampleId :

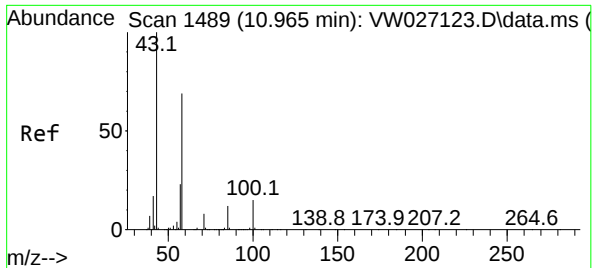
Tgt Ion: 83 Resp: 28599
Ion Ratio Lower Upper
83 100
85 72.5 44.9 83.5



#29
Cyclohexane
Concen: 0.961 ug/L
RT: 7.923 min Scan# 990
Delta R.T. -0.036 min
Lab File: VW027132.D
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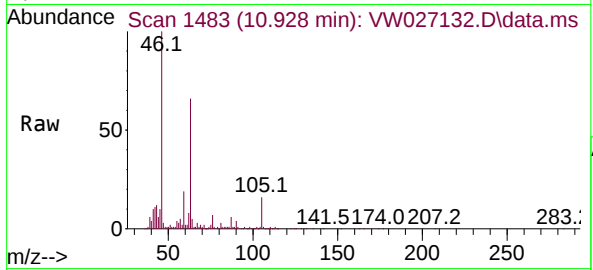
Tgt Ion: 56 Resp: 16674
Ion Ratio Lower Upper
56 100
69 11.6 26.5 39.7#
84 31.1 74.4 111.6#





#48
 2-Hexanone
 Concen: 2.678 ug/L
 RT: 10.928 min Scan# 14
 Delta R.T. -0.036 min
 Lab File: VW027132.D
 Acq: 18 Sep 2023 17:15

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	43	Resp:	10296
Ion	Ratio	Lower	Upper
43	100		
58	21.2	51.4	77.0#
57	67.5	17.2	25.8#
100	2.2	12.2	18.2#

