

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029751.D
 Acq On : 26 Jul 2024 15:03
 Operator : SY/MD
 Sample : P3361-03
 Misc : 8.50g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 00:55:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

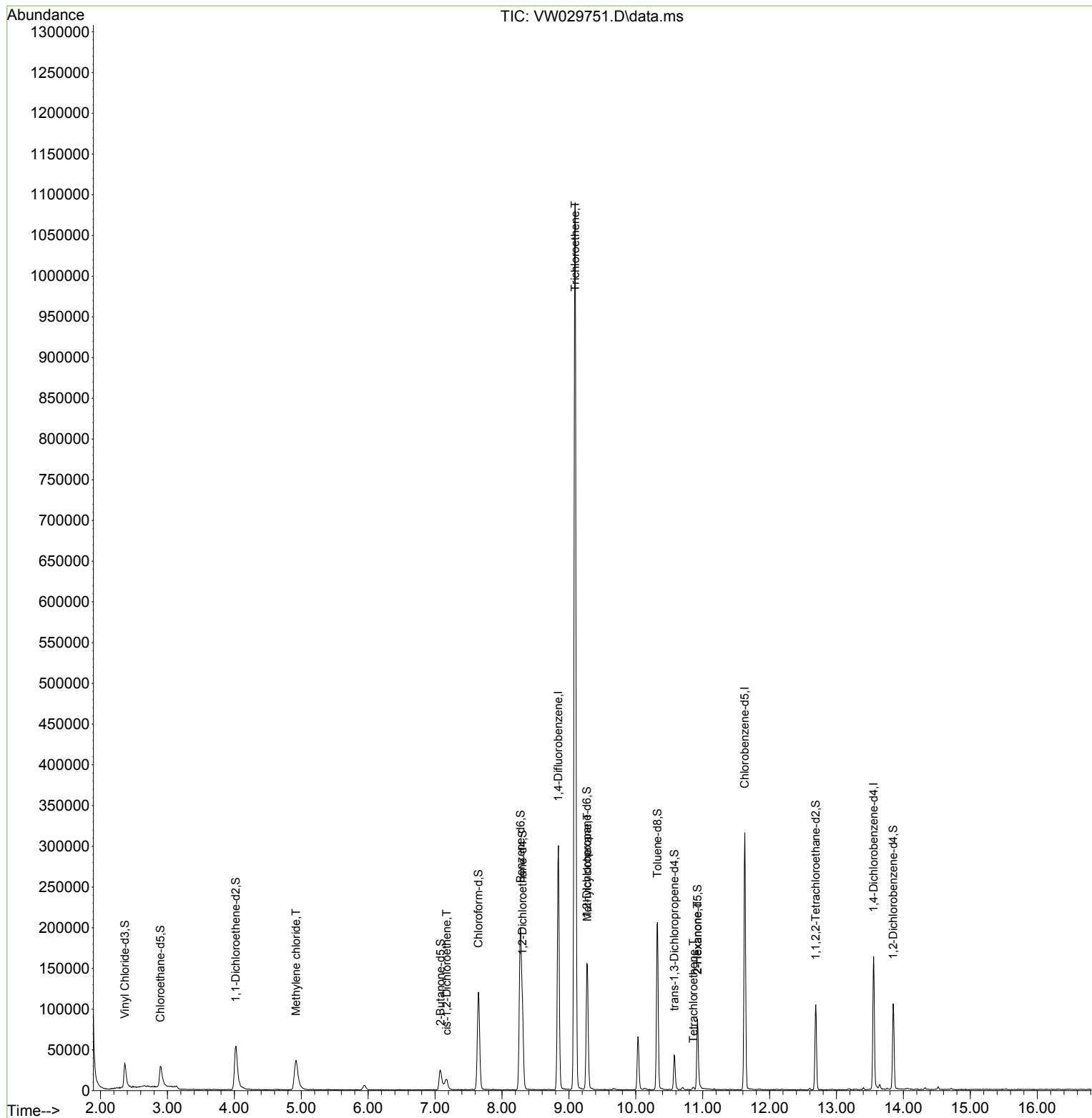
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	224807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	155430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	38602	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	45968	14.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.600%
7) Chloroethane-d5	2.893	69	42101	18.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.920%
11) 1,1-Dichloroethene-d2	4.021	65	20856	14.316	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.280%
21) 2-Butanone-d5	7.081	46	42395	48.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.940%
24) Chloroform-d	7.648	84	117062	20.116	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.480%
26) 1,2-Dichloroethane-d4	8.307	65	72981	22.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.080%
32) Benzene-d6	8.276	84	190722	22.710	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	9.270	67	71231	26.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.240%
41) Toluene-d8	10.325	98	131729	17.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.560%
43) trans-1,3-Dichloroprop...	10.575	79	22688	20.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.640%
47) 2-Hexanone-d5	10.922	63	26275	59.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	51514	25.872	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	24979	20.840	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.360%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.923	84	32736	6.966	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	5928	1.651	ug/L	98
34) Trichloroethene	9.093	95	380737	136.377	ug/L	99
35) Methylcyclohexane	9.276	83	16436	3.533	ug/L #	17
46) Tetrachloroethene	10.861	164	692	0.341	ug/L	87
48) 2-Hexanone	10.922	43	4509	3.248	ug/L #	72

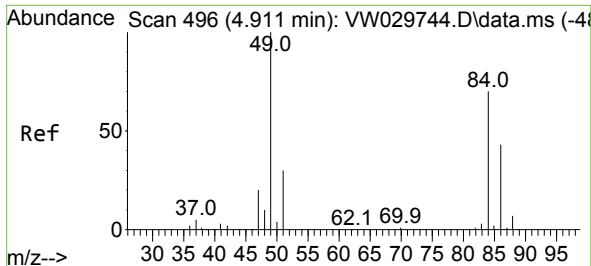
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 00:55:56 2024
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Quant Title : SFAM01.0
QLast Update : Sat Jul 27 00:53:25 2024
Response via : Initial Calibration

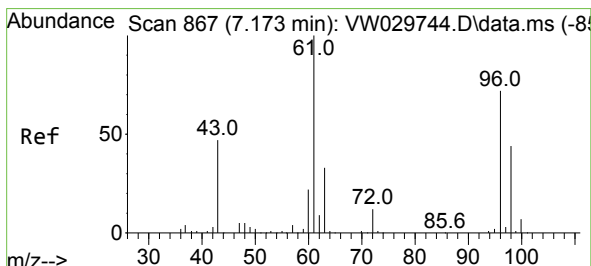
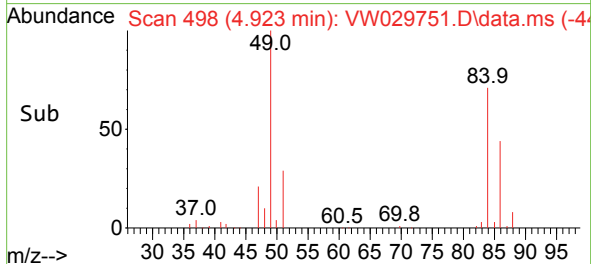
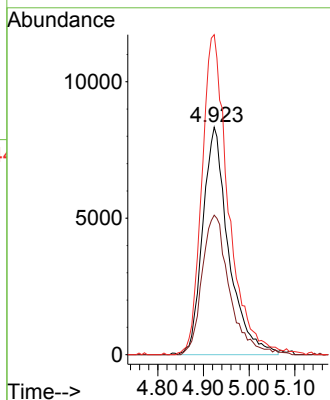
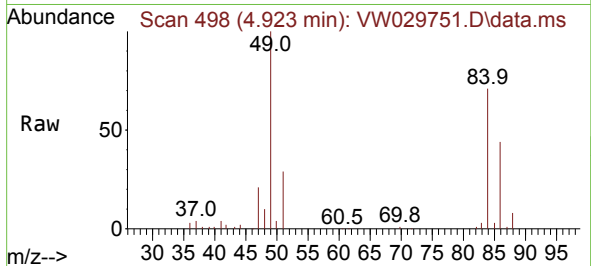




#16
Methylene chloride
Concen: 6.966 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.012 min
Lab File: VW029751.D
Acq: 26 Jul 2024 15:03

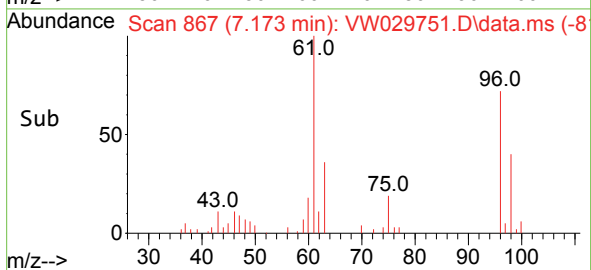
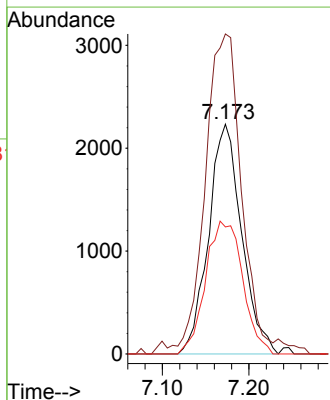
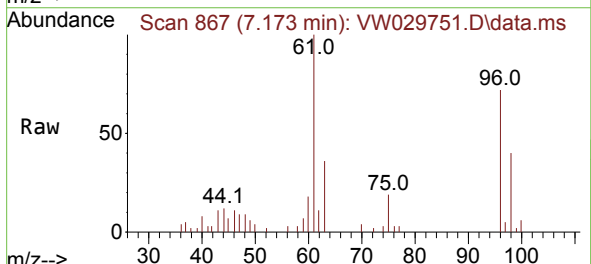
Instrument :
MSVOA_W
ClientSampleId :

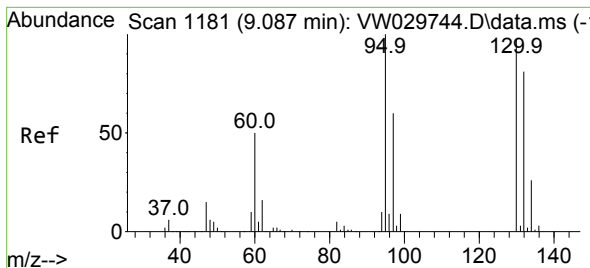
Tgt Ion: 84 Resp: 32736
Ion Ratio Lower Upper
84 100
86 61.3 44.7 82.9
49 140.6 99.0 184.0



#20
cis-1,2-Dichloroethene
Concen: 1.651 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029751.D
Acq: 26 Jul 2024 15:03

Tgt Ion: 96 Resp: 5928
Ion Ratio Lower Upper
96 100
61 139.3 98.2 182.4
98 55.3 41.9 77.9





#34

Trichloroethene

Concen: 136.377 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029751.D

Acq: 26 Jul 2024 15:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 380737

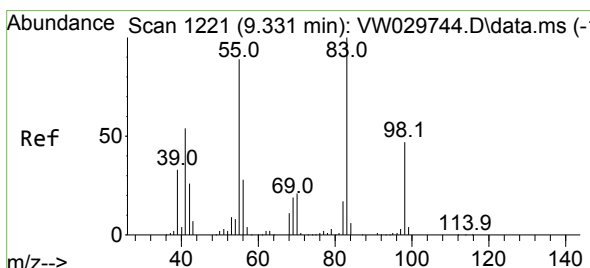
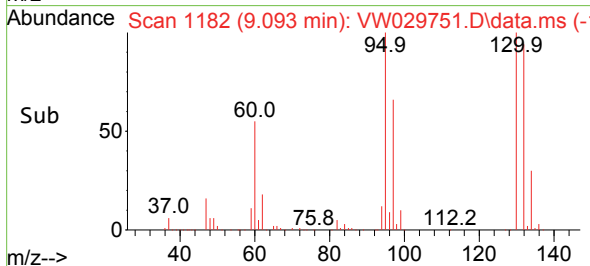
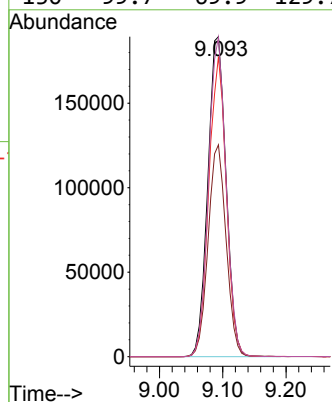
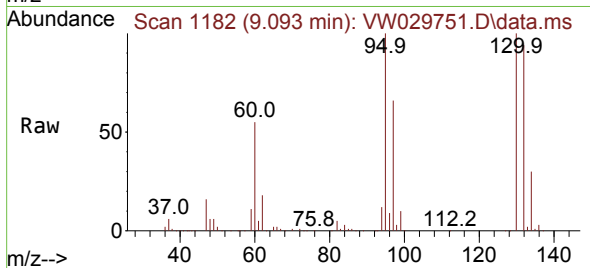
Ion Ratio Lower Upper

95 100

97 66.2 45.6 84.8

132 93.7 65.2 121.0

130 99.7 69.9 129.7



#35

Methylcyclohexane

Concen: 3.533 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.055 min

Lab File: VW029751.D

Acq: 26 Jul 2024 15:03

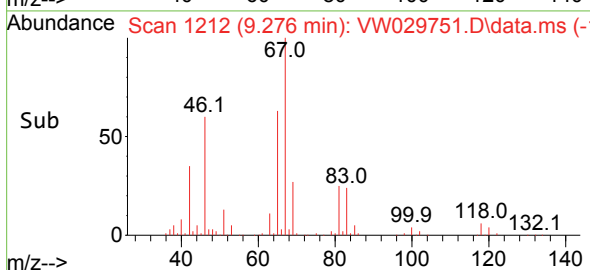
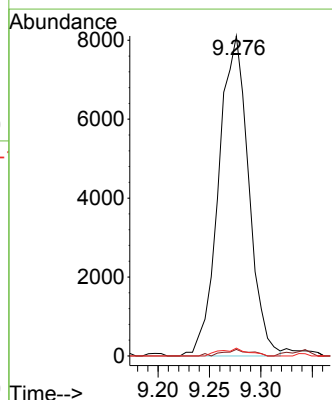
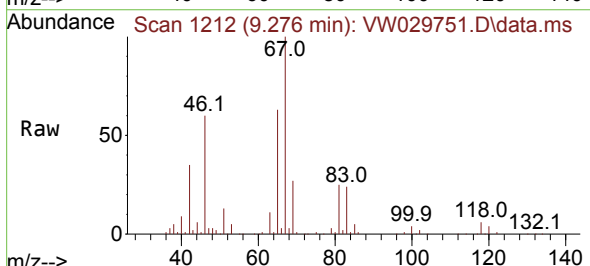
Tgt Ion: 83 Resp: 16436

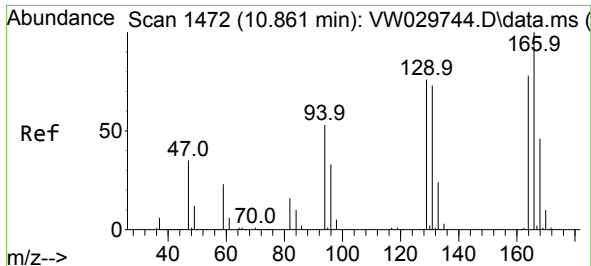
Ion Ratio Lower Upper

83 100

55 1.4 67.4 101.2#

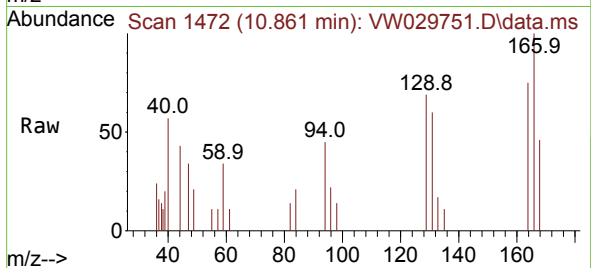
98 1.2 36.7 55.1#



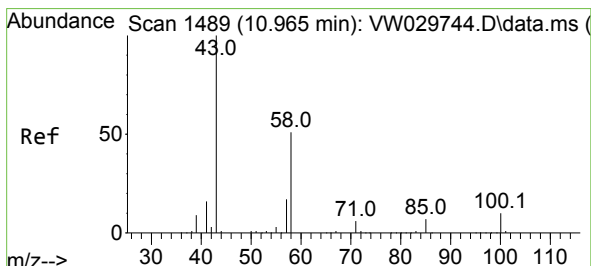
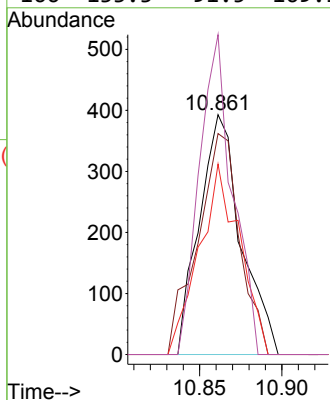
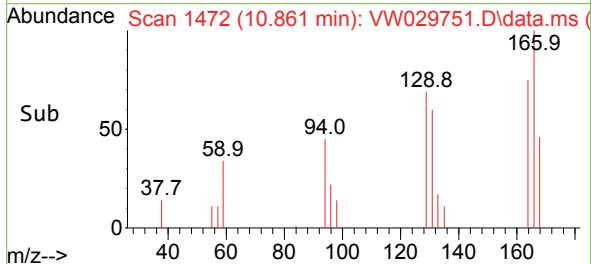


#46
Tetrachloroethene
Concen: 0.341 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029751.D
Acq: 26 Jul 2024 15:03

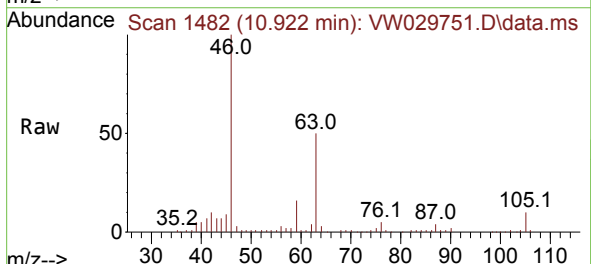
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	164	Resp:	692
Ion	Ratio	Lower	Upper
164	100		
129	92.1	77.8	144.6
131	79.4	70.9	131.7
166	133.3	91.5	169.9



#48
2-Hexanone
Concen: 3.248 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW029751.D
Acq: 26 Jul 2024 15:03



Tgt Ion:	43	Resp:	4509
Ion	Ratio	Lower	Upper
43	100		
58	28.6	41.0	61.4#
57	26.1	14.1	21.1#
100	3.7	8.0	12.0#

