

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
 Data File : VV036605.D
 Acq On : 18 Jul 2024 18:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 19 04:41:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

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

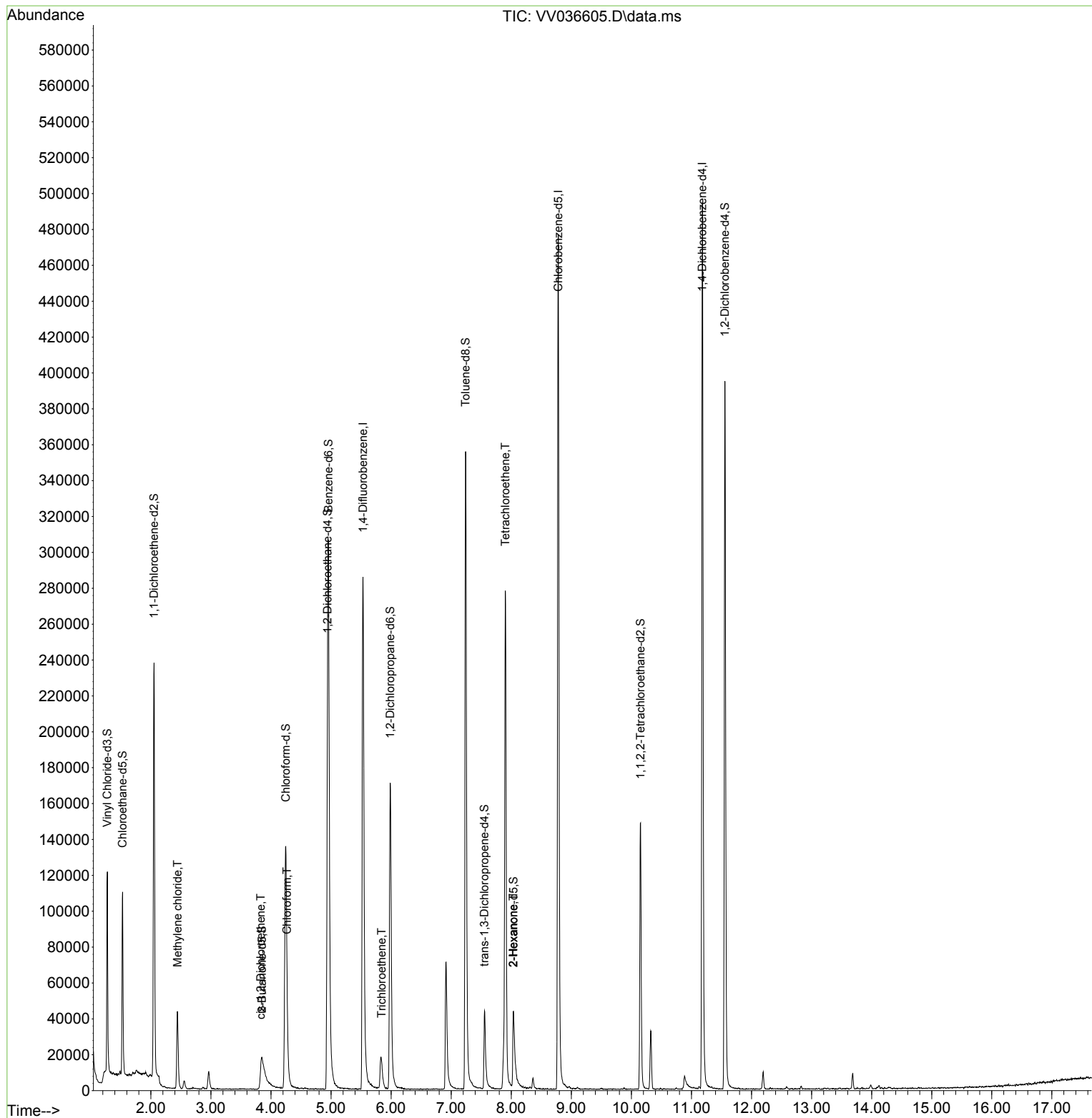
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	281918	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290786	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	143147	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71682	17.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.000%
7) Chloroethane-d5	1.529	69	67779	19.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
11) 1,1-Dichloroethene-d2	2.053	65	35981	17.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.400%
21) 2-Butanone-d5	3.850	46	9105	13.171	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.340%
24) Chloroform-d	4.246	84	152251	18.554	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	4.940	65	79106	19.436	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.760%
32) Benzene-d6	4.956	84	288521	19.889	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.560%
36) 1,2-Dichloropropane-d6	5.985	67	84770	19.607	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.440%
41) Toluene-d8	7.239	98	256143	19.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.560%
43) trans-1,3-Dichloroprop...	7.554	79	29776	16.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.240%
47) 2-Hexanone-d5	8.037	63	18204	37.911	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	71506	19.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	112144	23.085	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	20912	3.608	ug/L	98
20) cis-1,2-Dichloroethene	3.831	96	1633	0.415	ug/L	86
25) Chloroform	4.268	83	5242	0.644	ug/L	80
34) Trichloroethene	5.844	95	2514	0.549	ug/L	96
46) Tetrachloroethene	7.902	164	68689	18.552	ug/L	98
48) 2-Hexanone	8.034	43	2319	1.894	ug/L #	73

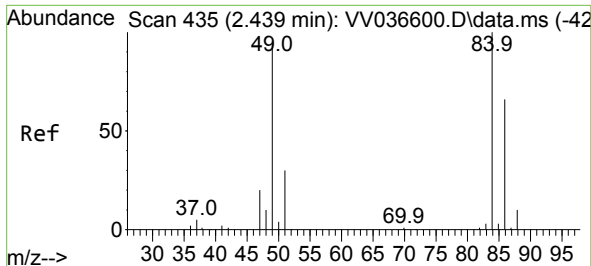
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

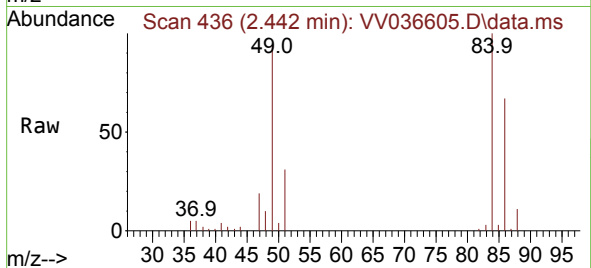
Quant Time: Jul 19 04:41:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration



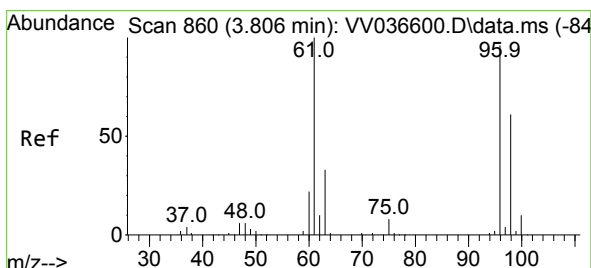
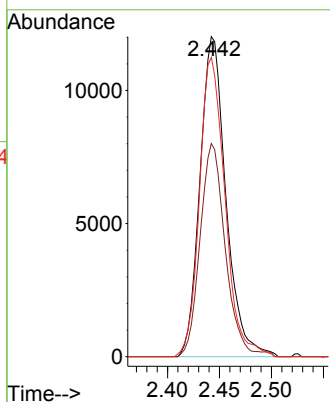
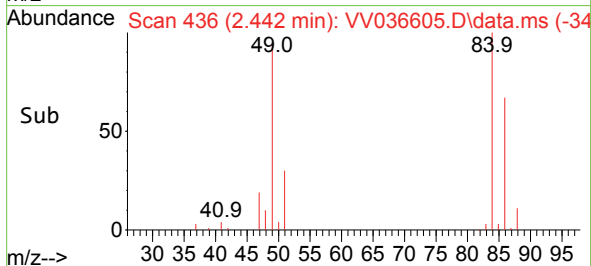


#16
Methylene chloride
Concen: 3.608 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036605.D
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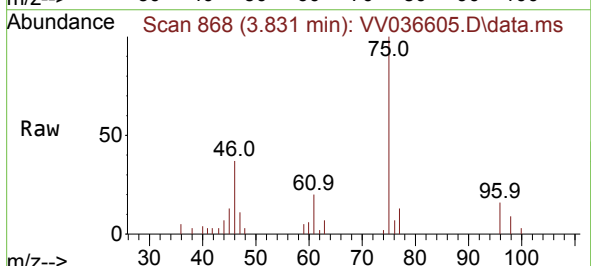
Instrument :
MSVOA_V
ClientSampleId :



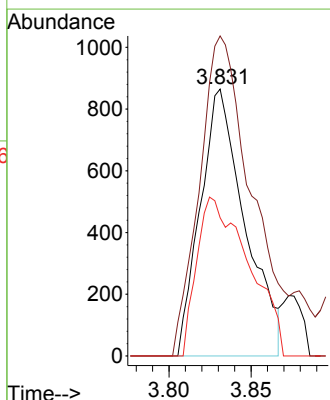
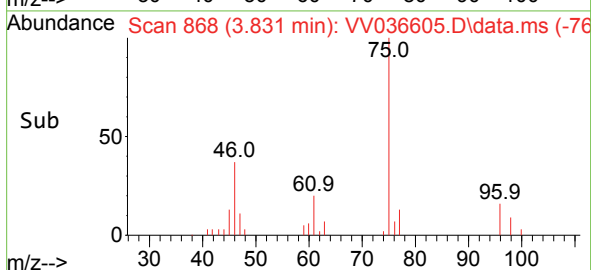
Tgt Ion: 84 Resp: 20912
Ion Ratio Lower Upper
84 100
86 66.6 46.3 86.1
49 93.6 68.1 126.5

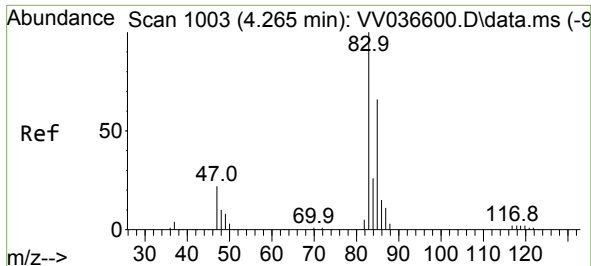


#20
cis-1,2-Dichloroethene
Concen: 0.415 ug/L
RT: 3.831 min Scan# 868
Delta R.T. 0.026 min
Lab File: VV036605.D
Acq: 18 Jul 2024 18:40



Tgt Ion: 96 Resp: 1633
Ion Ratio Lower Upper
96 100
61 119.9 74.8 138.8
98 51.8 45.2 84.0





#25

Chloroform

Concen: 0.644 ug/L

RT: 4.268 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV036605.D

Acq: 18 Jul 2024 18:40

Instrument :

MSVOA_V

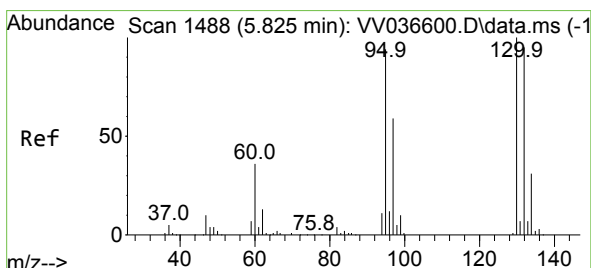
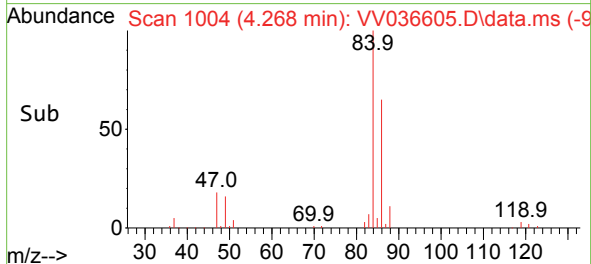
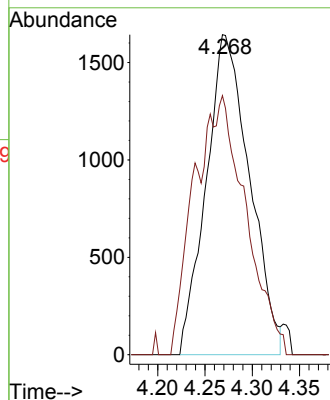
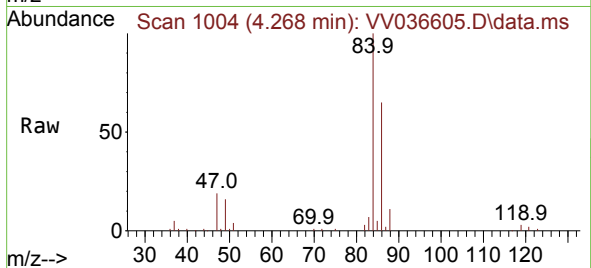
ClientSampleId :

Tgt Ion: 83 Resp: 5242

Ion Ratio Lower Upper

83 100

85 80.9 45.6 84.6



#34

Trichloroethene

Concen: 0.549 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.019 min

Lab File: VV036605.D

Acq: 18 Jul 2024 18:40

Tgt Ion: 95 Resp: 2514

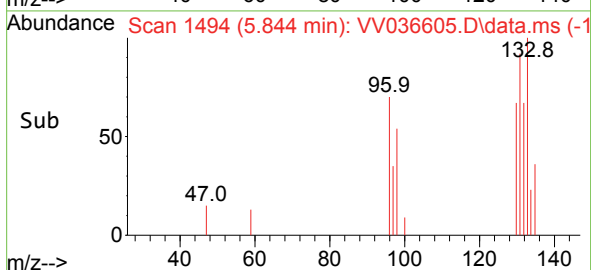
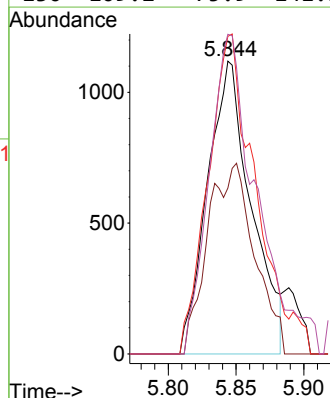
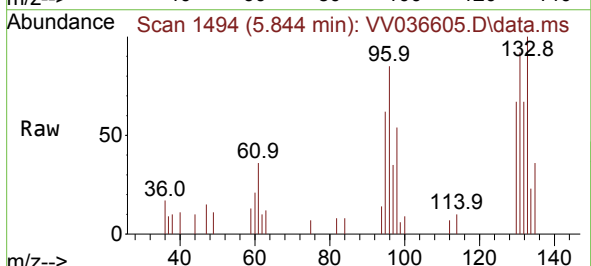
Ion Ratio Lower Upper

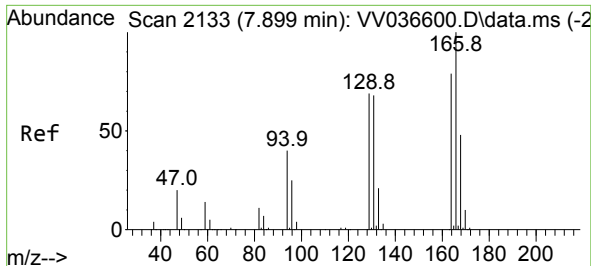
95 100

97 56.7 44.4 82.4

132 108.5 73.0 135.6

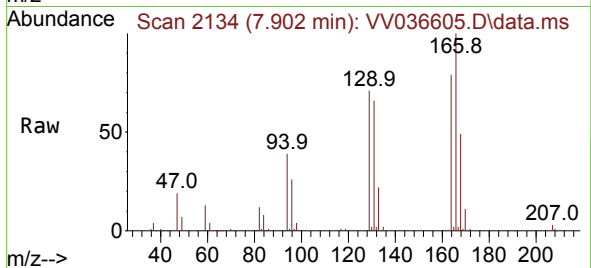
130 109.2 75.9 141.1



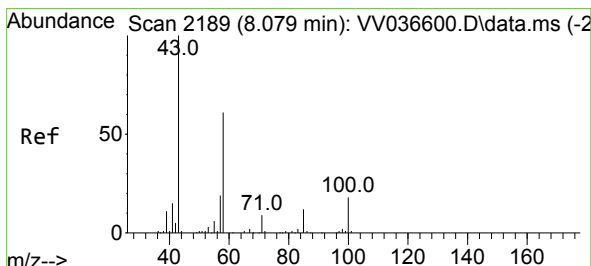
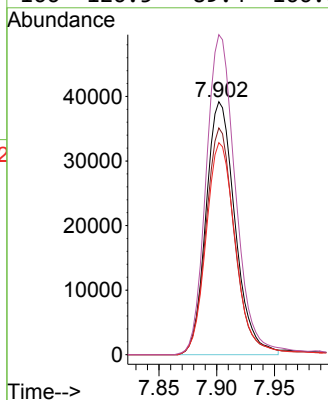
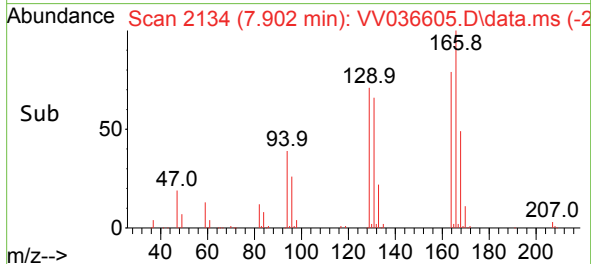


#46
Tetrachloroethene
Concen: 18.552 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036605.D
Acq: 18 Jul 2024 18:40

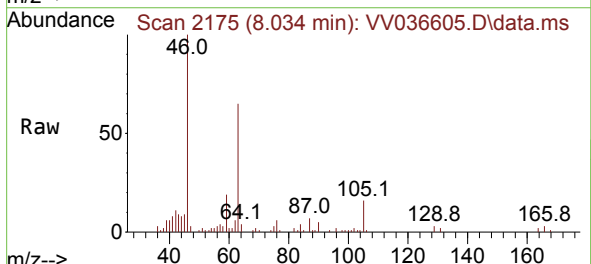
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 68689
Ion Ratio Lower Upper
164 100
129 89.6 61.0 113.4
131 83.8 59.8 111.1
166 126.5 89.4 166.0



#48
2-Hexanone
Concen: 1.894 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036605.D
Acq: 18 Jul 2024 18:40



Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
58 32.6 49.5 74.3#
57 20.5 15.3 22.9
100 9.9 12.9 19.3#

