

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055839.D
 Acq On : 20 Oct 2023 17:52
 Operator : MD/SY
 Sample : 04947-04DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

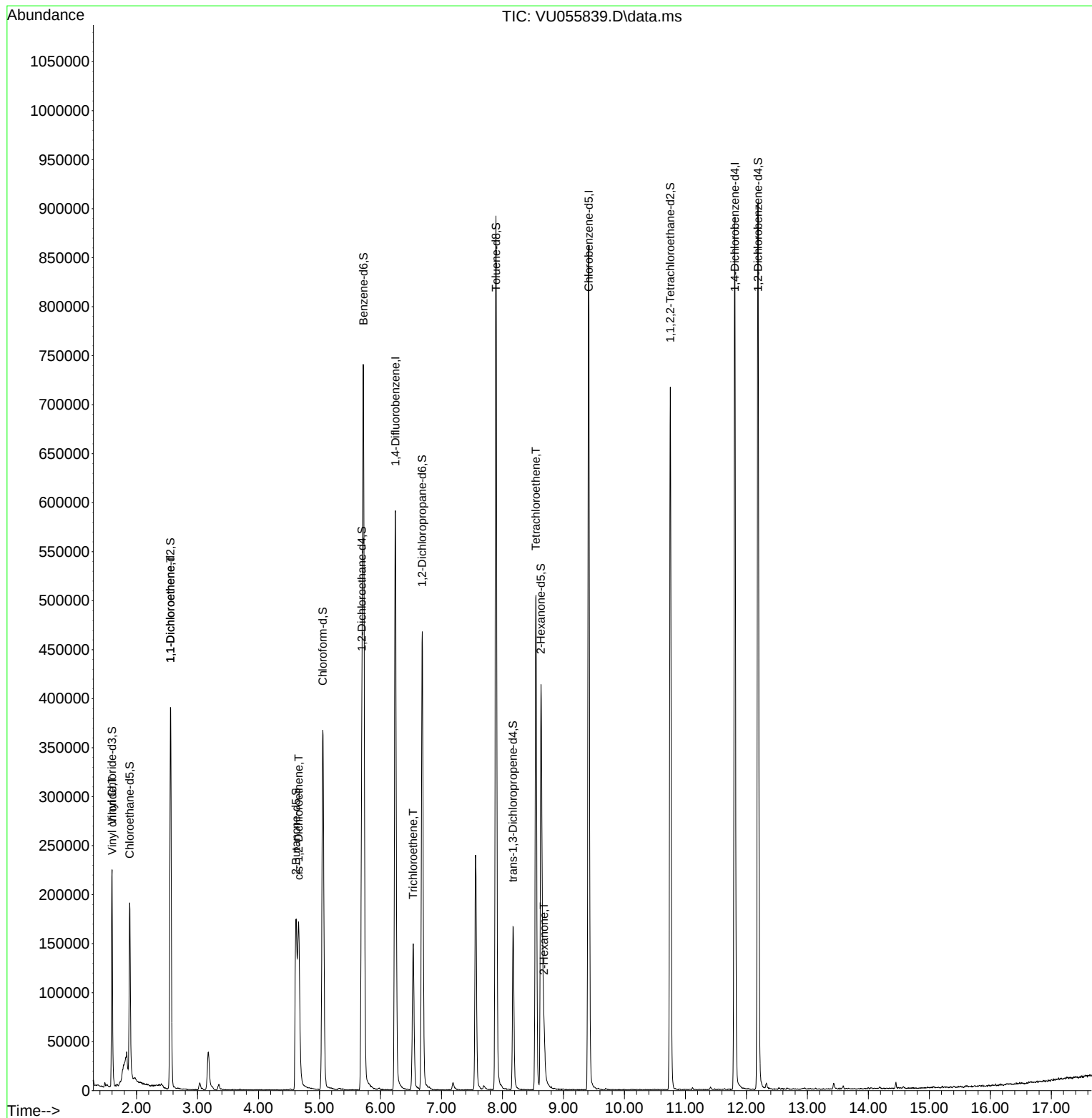
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	482474	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	483073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	233992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	161397	37.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.888	69	146459	41.402	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.557	63	236735	30.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.360%
21) 2-Butanone-d5	4.615	46	272636	85.021	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.020%
24) Chloroform-d	5.055	84	352551	42.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.980%
26) 1,2-Dichloroethane-d4	5.695	65	236174	46.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
32) Benzene-d6	5.721	84	699072	45.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.460%
36) 1,2-Dichloropropane-d6	6.685	67	225099	46.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.000%
41) Toluene-d8	7.894	98	599518	42.956	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.920%
43) trans-1,3-Dichloroprop...	8.174	79	97297	41.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.780%
47) 2-Hexanone-d5	8.631	63	134892	70.125	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	357873	47.516	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	12.190	152	236895	51.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.040%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	6475	1.548	ug/L #	63
12) 1,1-Dichloroethene	2.557	96	1974	0.577	ug/L #	1
20) cis-1,2-Dichloroethene	4.660	96	75302	18.864	ug/L	97
34) Trichloroethene	6.537	95	46442	11.115	ug/L	97
46) Tetrachloroethene	8.550	164	110046	36.786	ug/L	96
48) 2-Hexanone	8.682	43	26520	5.367	ug/L #	39

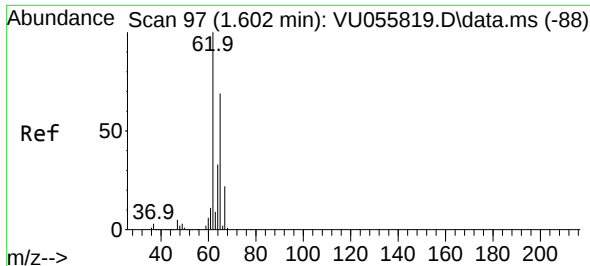
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
Data File : VU055839.D
Acq On : 20 Oct 2023 17:52
Operator : MD/SY
Sample : 04947-04DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

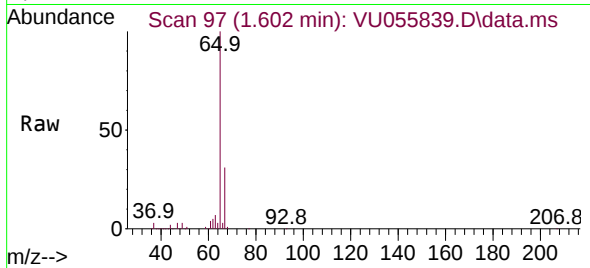
Quant Time: Oct 23 01:09:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration



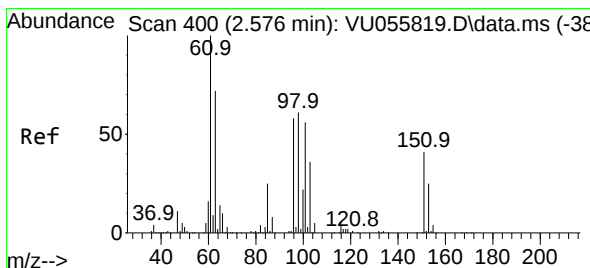
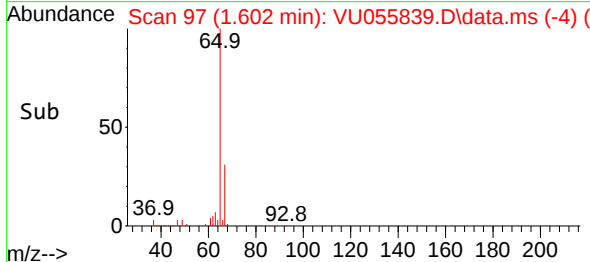
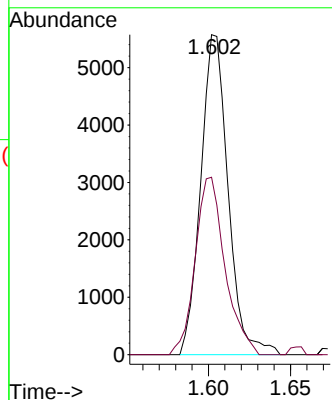


#5
 Vinyl chloride
 Concen: 1.548 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055839.D
 Acq: 20 Oct 2023 17:52

Instrument :
 MSVOA_U
 ClientSampleId :

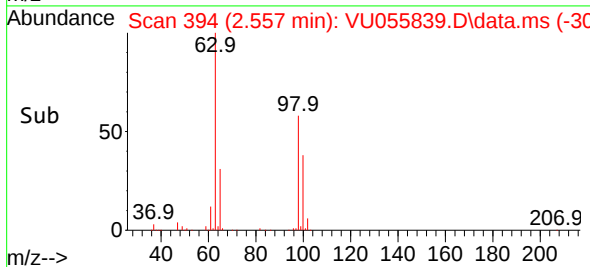
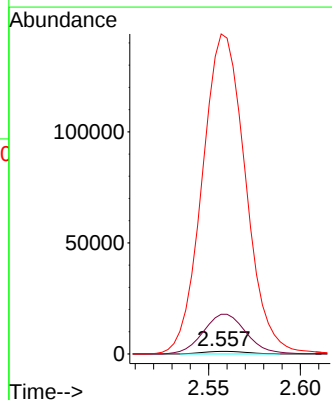
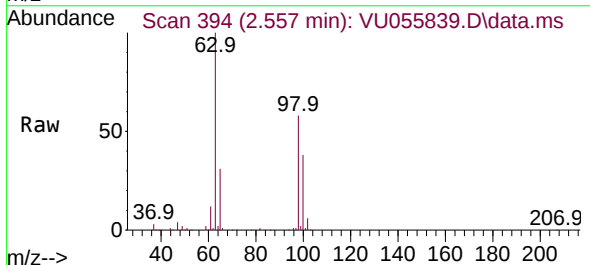


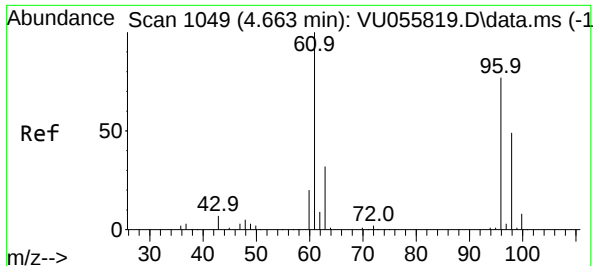
Tgt Ion: 62 Resp: 6475
 Ion Ratio Lower Upper
 62 100
 64 55.5 23.9 44.5#



#12
 1,1-Dichloroethene
 Concen: 0.577 ug/L
 RT: 2.557 min Scan# 394
 Delta R.T. -0.019 min
 Lab File: VU055839.D
 Acq: 20 Oct 2023 17:52

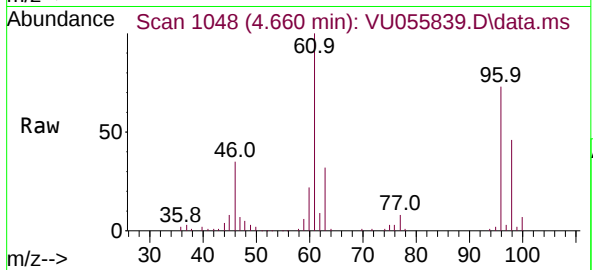
Tgt Ion: 96 Resp: 1974
 Ion Ratio Lower Upper
 96 100
 61 1513.3 122.0 226.6#
 63 12198.5 93.7 174.1#





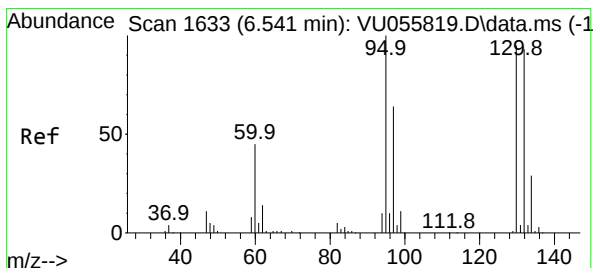
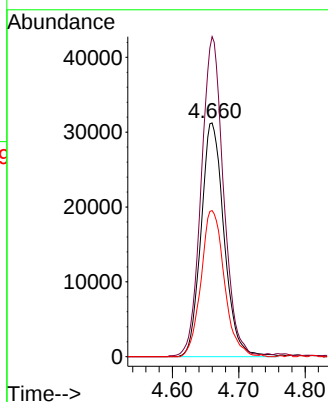
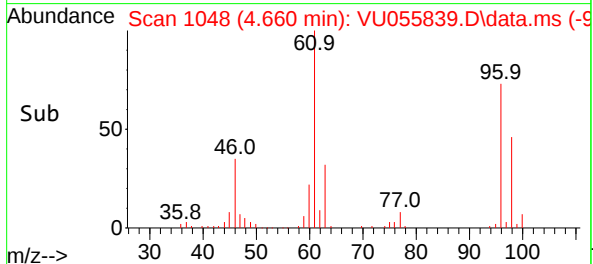
#20
 cis-1,2-Dichloroethene
 Concen: 18.864 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055839.D
 Acq: 20 Oct 2023 17:52

Instrument :
 MSVOA_U
 ClientSampleId :

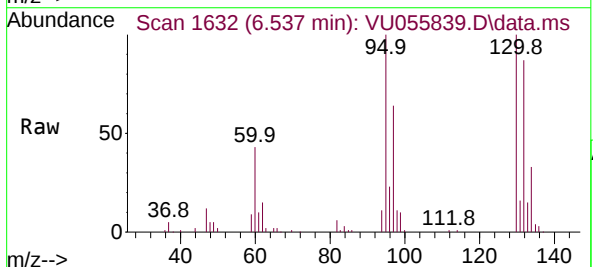


Tgt Ion: 96 Resp: 75302

Ion	Ratio	Lower	Upper
96	100		
61	136.9	92.3	171.5
98	62.5	43.9	81.5

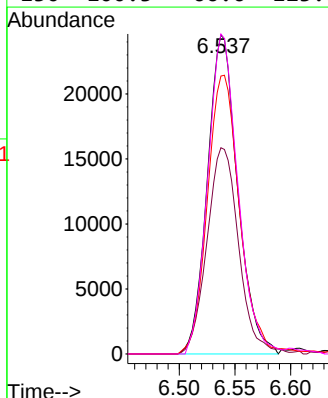
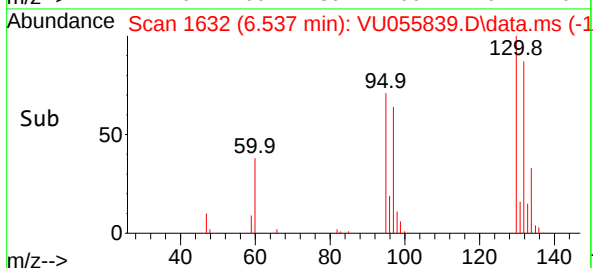


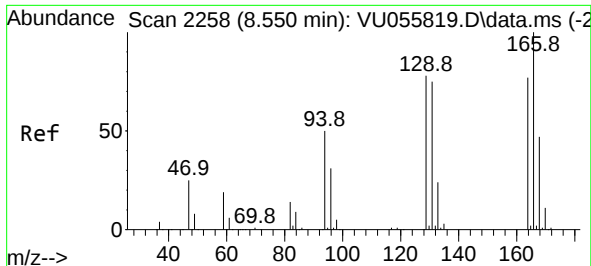
#34
 Trichloroethene
 Concen: 11.115 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.003 min
 Lab File: VU055839.D
 Acq: 20 Oct 2023 17:52



Tgt Ion: 95 Resp: 46442

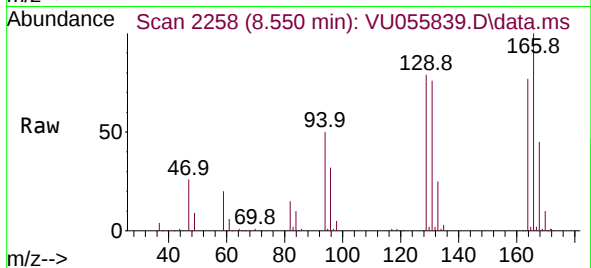
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.4	82.5
132	87.1	61.8	114.8
130	100.3	66.6	123.8



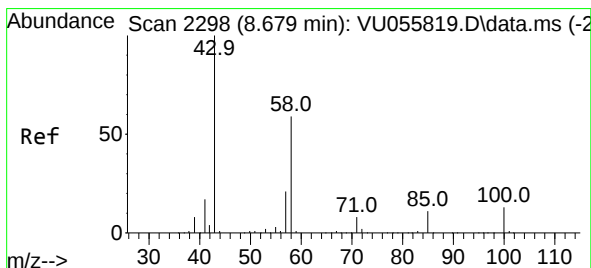
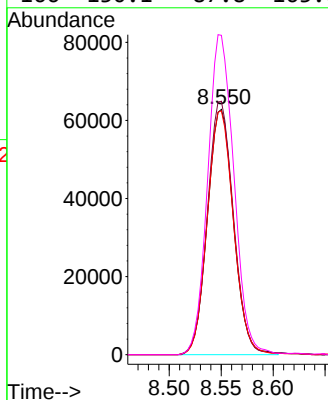
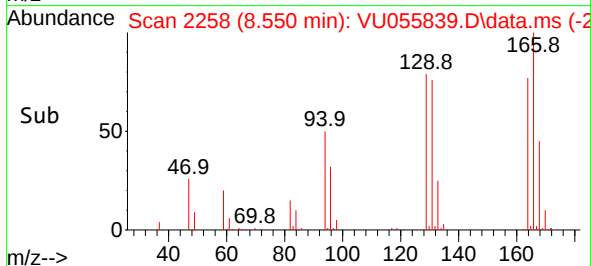


#46
Tetrachloroethene
Concen: 36.786 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055839.D
Acq: 20 Oct 2023 17:52

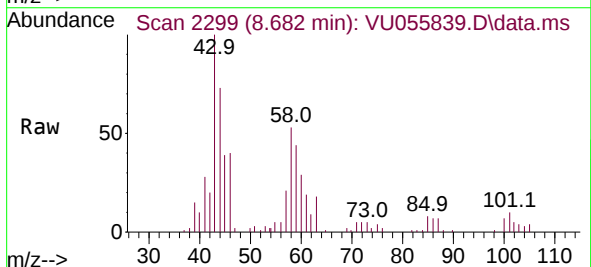
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 110046
Ion Ratio Lower Upper
164 100
129 103.3 70.7 131.3
131 99.4 65.9 122.5
166 130.1 87.8 163.0



#48
2-Hexanone
Concen: 5.367 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055839.D
Acq: 20 Oct 2023 17:52



Tgt Ion: 43 Resp: 26520
Ion Ratio Lower Upper
43 100
58 0.0 45.2 67.8#
57 0.0 16.1 24.1#
100 6.7 9.7 14.5#

