

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054176.D
 Acq On : 18 May 2023 19:41
 Operator : JC/MD
 Sample : 02844-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX04

Quant Time: May 19 02:09:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

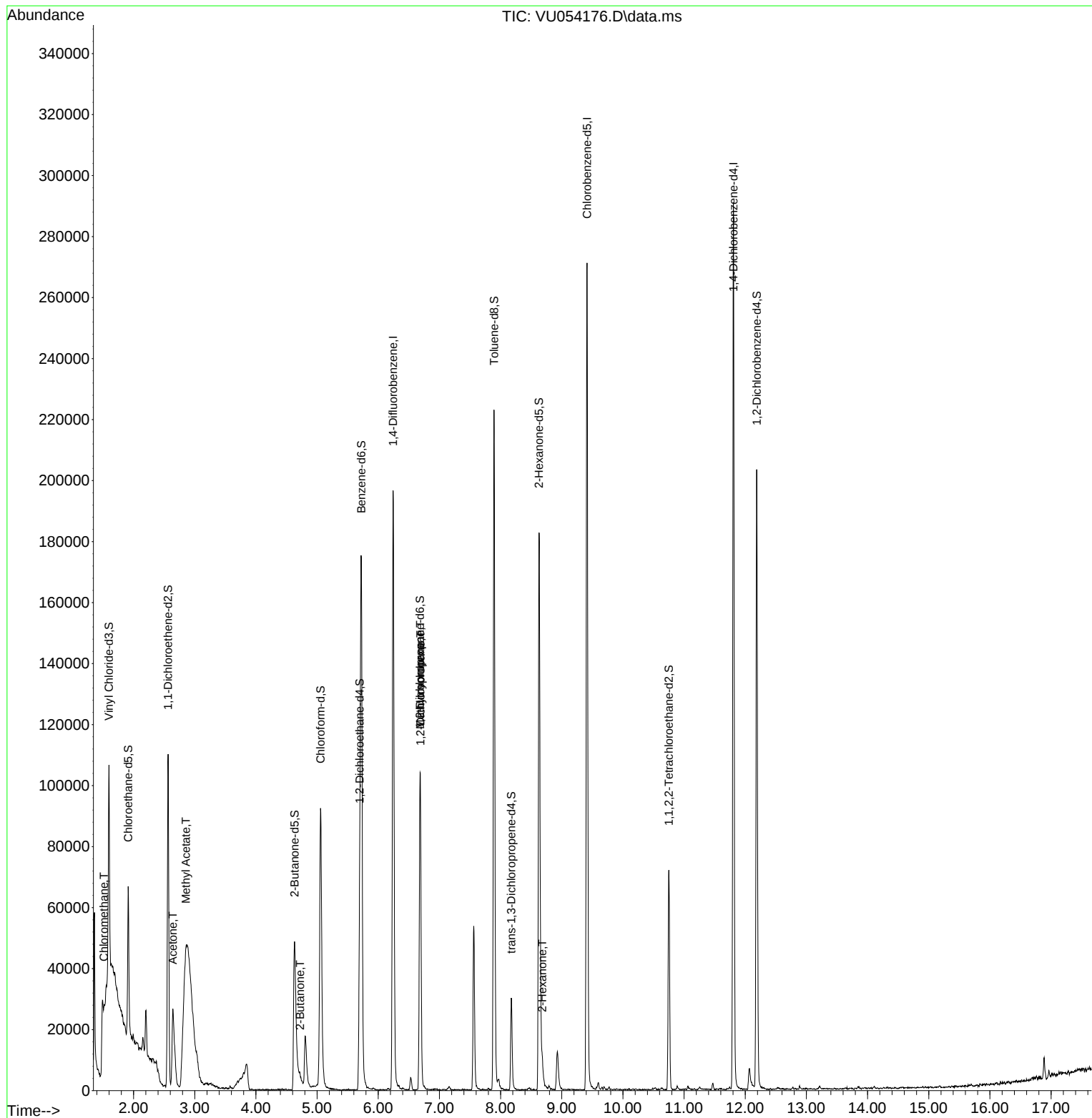
Internal Standards							
1) 1,4-Difluorobenzene		6.243	114	165554	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.414	117	159833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.809	152	78529	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	45110	5.054	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 101.000%		
7) Chloroethane-d5		1.912	69	36323	5.440	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 108.800%		
11) 1,1-Dichloroethene-d2		2.565	65	20926	5.191	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 103.800%		
20) 2-Butanone-d5		4.632	46	87836	55.183	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	= 110.360%		
24) Chloroform-d		5.057	84	84312	5.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4		5.697	65	41240	5.342	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 106.800%		
32) Benzene-d6		5.722	84	170780	5.247	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 105.000%		
36) 1,2-Dichloropropane-d6		6.684	67	51713	5.497	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 110.000%		
41) Toluene-d8		7.893	98	151019	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 98.200%		
43) trans-1,3-Dichloroprop...		8.176	79	18927	4.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 99.600%		
46) 2-Hexanone-d5		8.629	63	65046	57.491	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 114.980%		
56) 1,1,2,2-Tetrachloroeth...		10.751	84	36112	5.355	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 107.200%		
66) 1,2-Dichlorobenzene-d4		12.188	152	56478	5.894	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 117.800%		
Target Compounds							
3) Chloromethane		1.517	50	1515	0.131	ug/L	83
13) Acetone		2.642	43	46150	21.313	ug/L	93
15) Methyl Acetate		2.854	43	18784	4.839	ug/L #	50
21) 2-Butanone		4.722	43	4577	1.596	ug/L	94
35) Methylcyclohexane		6.687	83	12508	0.703	ug/L #	17
37) 1,2-Dichloropropane		6.690	63	5326	0.448	ug/L #	88
48) 2-Hexanone		8.684	43	3195	0.699	ug/L #	89

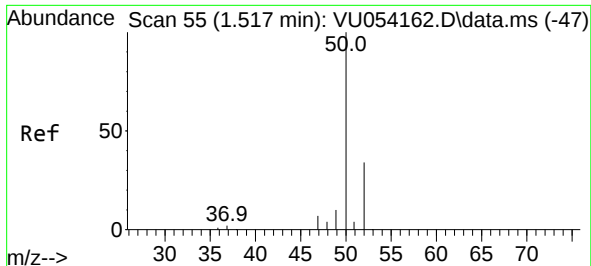
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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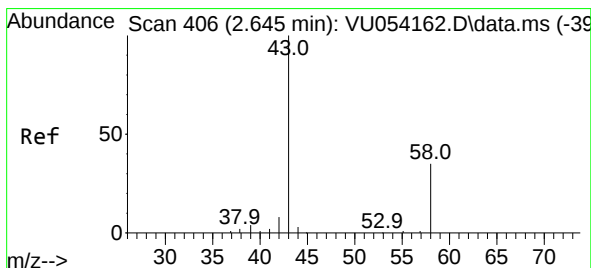
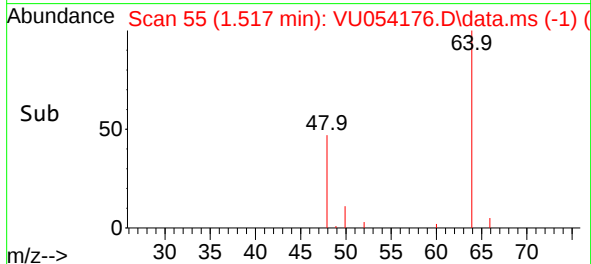
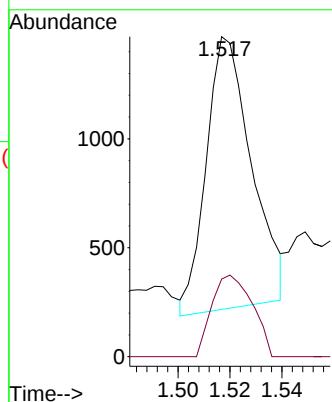
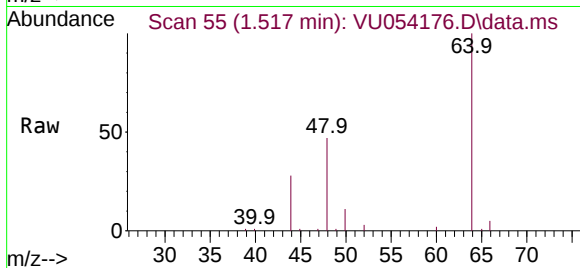




#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU054176.D
Acq: 18 May 2023 19:41

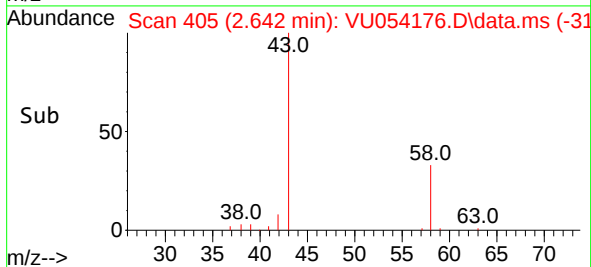
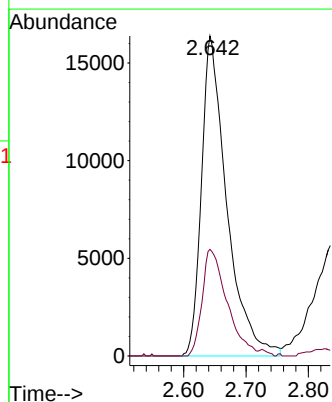
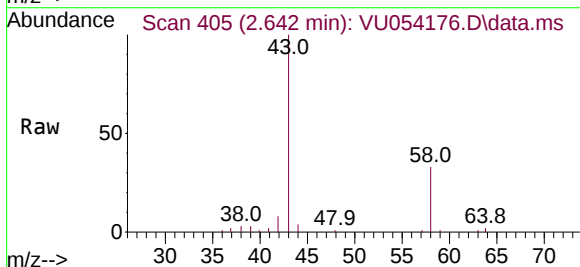
Instrument :
MSVOA_U
ClientSampleId :
GBX04

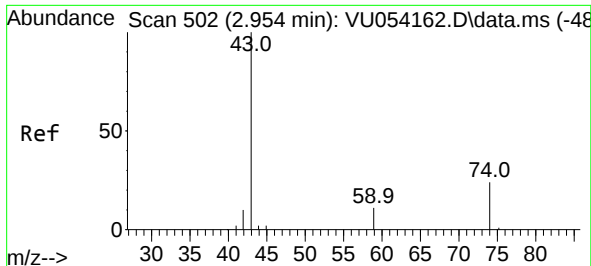
Tgt Ion: 50 Resp: 1515
Ion Ratio Lower Upper
50 100
52 24.2 23.7 44.1



#13
Acetone
Concen: 21.313 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU054176.D
Acq: 18 May 2023 19:41

Tgt Ion: 43 Resp: 46150
Ion Ratio Lower Upper
43 100
58 32.7 0.0 73.2

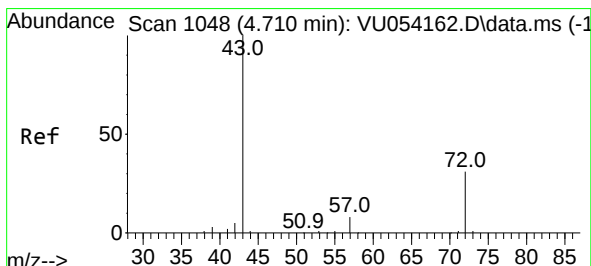
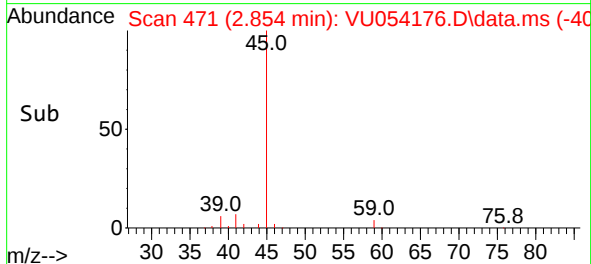
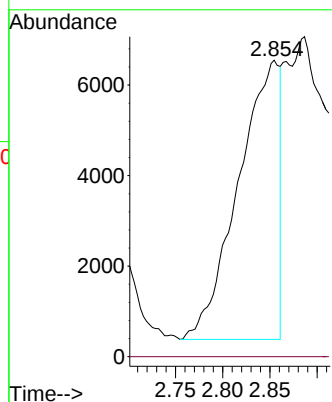
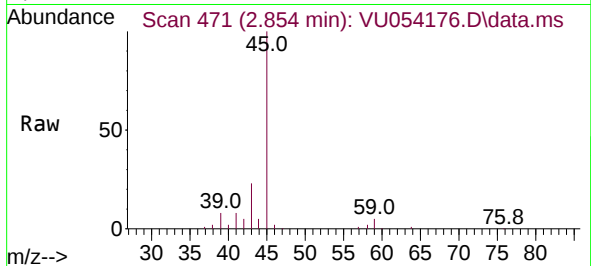




#15
Methyl Acetate
Concen: 4.839 ug/L
RT: 2.854 min Scan# 41
Delta R.T. -0.100 min
Lab File: VU054176.D
Acq: 18 May 2023 19:41

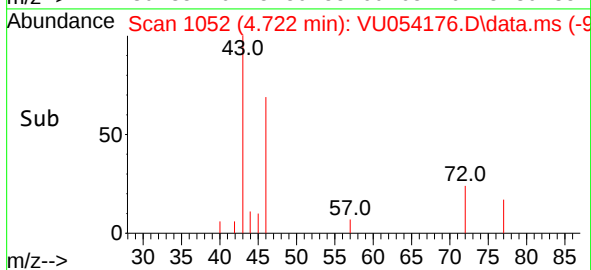
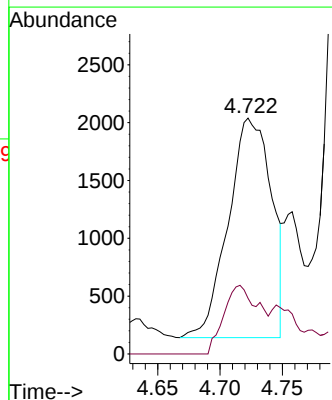
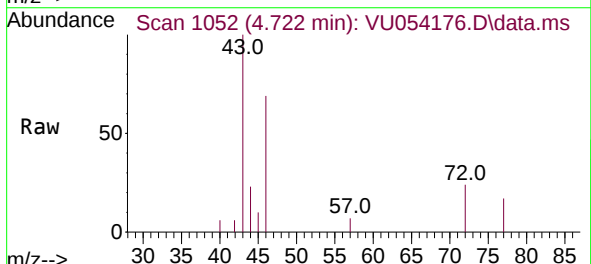
Instrument :
MSVOA_U
ClientSampleId :
GBX04

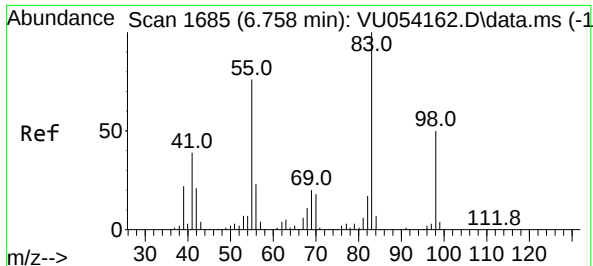
Tgt Ion: 43 Resp: 18784
Ion Ratio Lower Upper
43 100
74 0.4 20.3 30.5#



#21
2-Butanone
Concen: 1.596 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU054176.D
Acq: 18 May 2023 19:41

Tgt Ion: 43 Resp: 4577
Ion Ratio Lower Upper
43 100
72 25.5 14.2 42.8

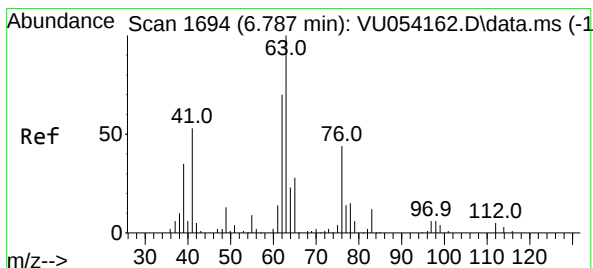
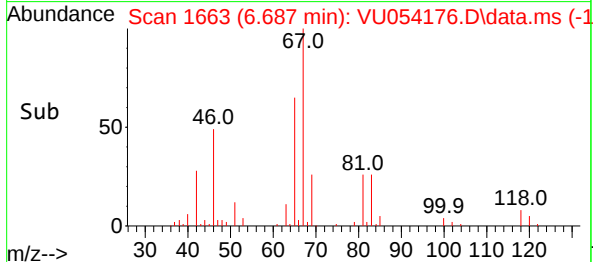
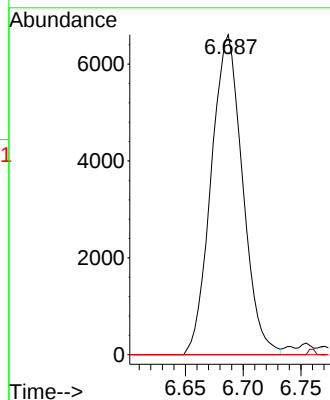
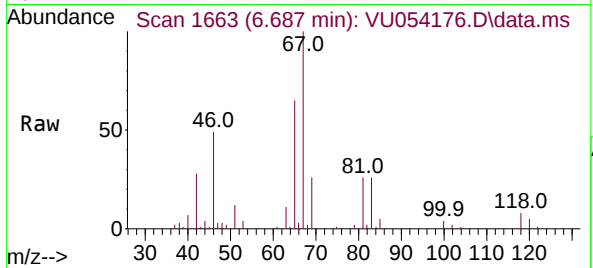




#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU054176.D
Acq: 18 May 2023 19:41

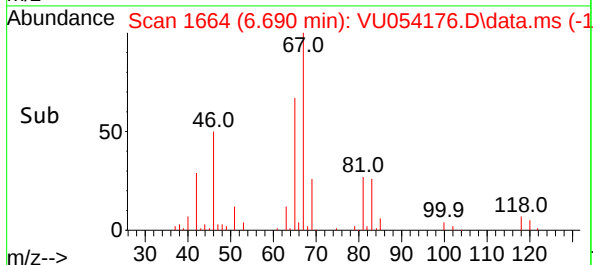
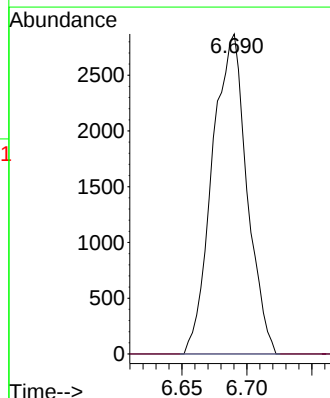
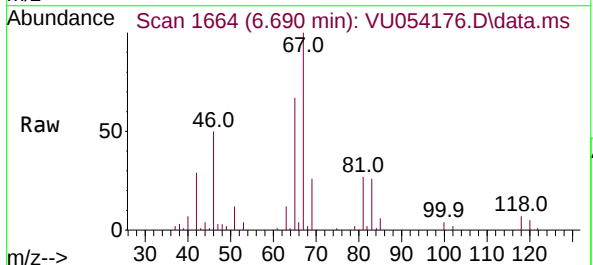
Instrument :
MSVOA_U
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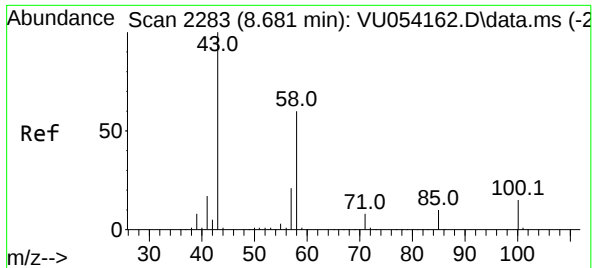
Tgt Ion: 83 Resp: 12508
Ion Ratio Lower Upper
83 100
55 0.3 61.6 92.4#
98 0.0 41.3 61.9#



#37
1,2-Dichloropropane
Concen: 0.448 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.097 min
Lab File: VU054176.D
Acq: 18 May 2023 19:41

Tgt Ion: 63 Resp: 5326
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#48
 2-Hexanone
 Concen: 0.699 ug/L
 RT: 8.684 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU054176.D
 Acq: 18 May 2023 19:41

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX04

Tgt Ion: 43	Resp:	3195
Ion	Ratio	Lower Upper
43	100	
58	53.7	48.6 72.8
57	30.5	16.7 25.1#
100	15.5	11.4 17.2

