

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055020.D
 Acq On : 31 Aug 2023 14:46
 Operator : MD/SY
 Sample : 04209-16DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:00:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

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

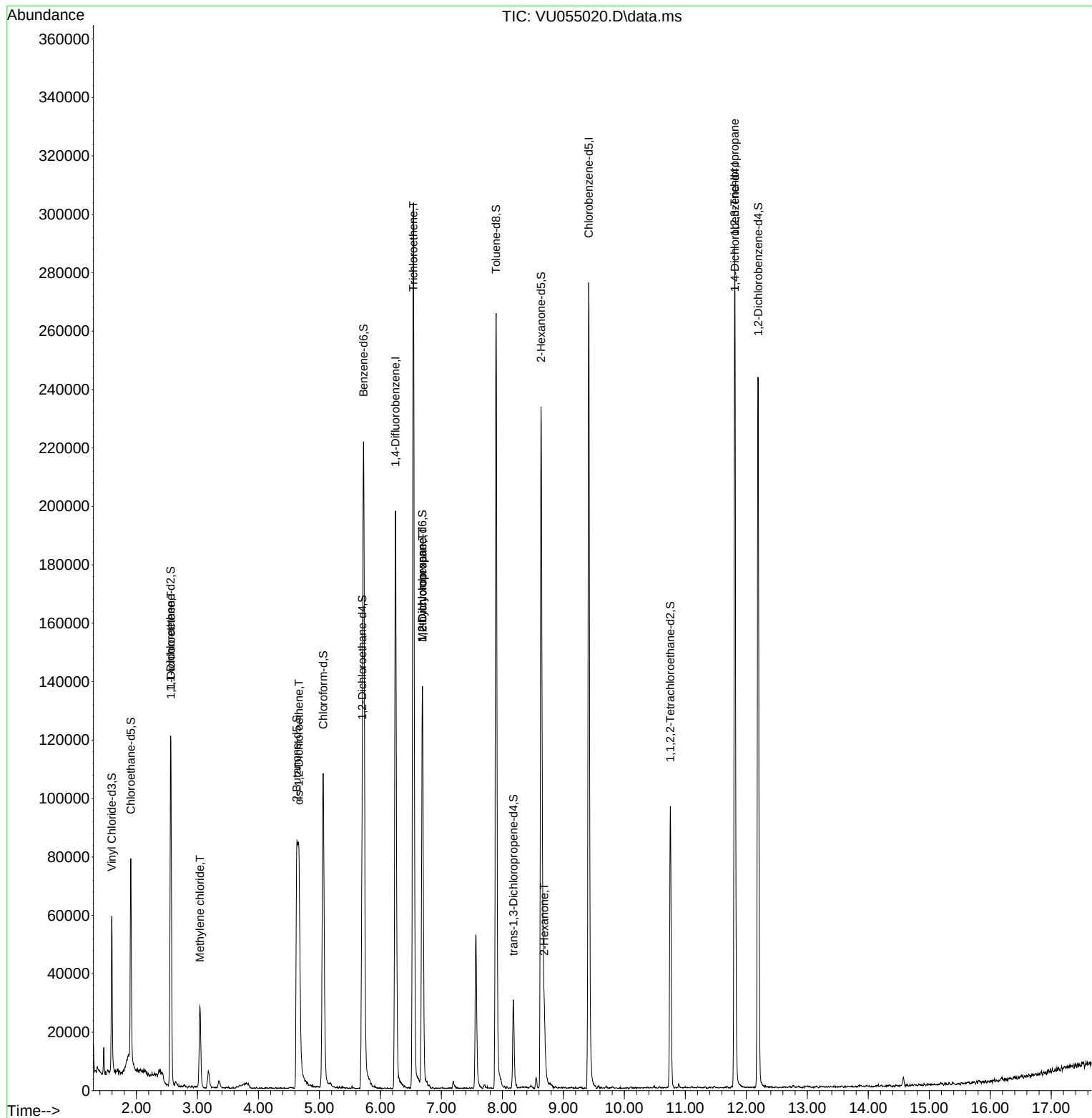
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	157031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	148317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	74498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38642	7.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 156.000%#	
7) Chloroethane-d5	1.908	69	48783	7.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 152.400%#	
11) 1,1-Dichloroethene-d2	2.560	65	22774	8.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 162.600%#	
20) 2-Butanone-d5	4.628	46	123992	46.347	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 92.700%	
24) Chloroform-d	5.062	84	99123	5.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.800%	
26) 1,2-Dichloroethane-d4	5.702	65	54025	5.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.400%	
32) Benzene-d6	5.724	84	203564	6.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 122.200%	
36) 1,2-Dichloropropane-d6	6.689	67	66036	5.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 112.600%	
41) Toluene-d8	7.895	98	180387	5.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 113.000%	
43) trans-1,3-Dichloroprop...	8.181	79	16639	4.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 86.200%	
46) 2-Hexanone-d5	8.634	63	74118	40.468	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 80.940%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	47342	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 94.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61838	5.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.564	96	837	0.118	ug/L #	1
16) Methylene chloride	3.039	84	12821	1.177	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	29063	3.146	ug/L	92
34) Trichloroethene	6.541	95	102434	10.564	ug/L	98
35) Methylcyclohexane	6.689	83	15454	1.077	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7484	0.767	ug/L #	90
48) 2-Hexanone	8.686	43	13617	3.381	ug/L #	50
61) 1,2,3-Trichloropropane	11.808	75	9970	1.797	ug/L #	63

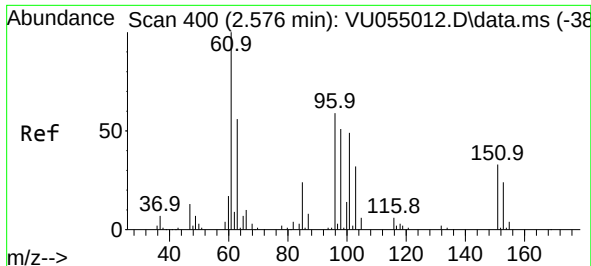
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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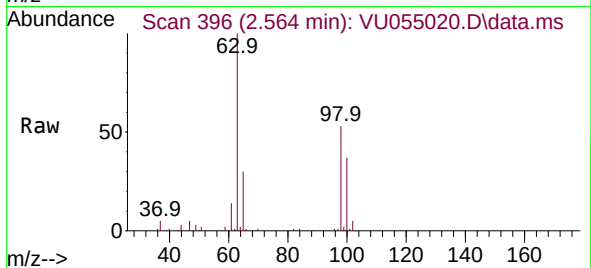
Quant Time: Sep 01 05:00:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
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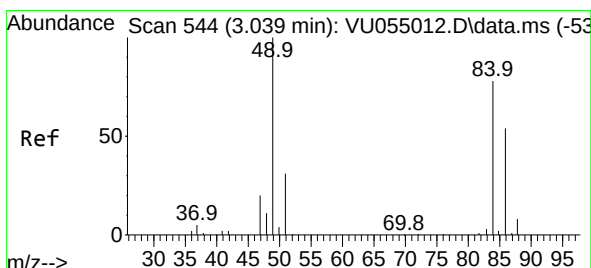
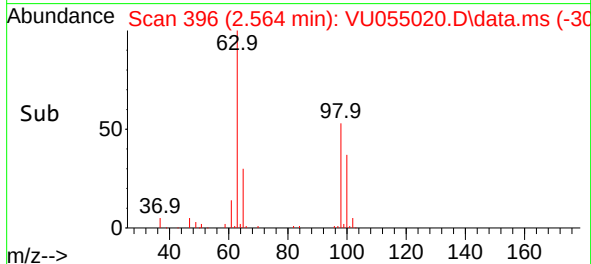
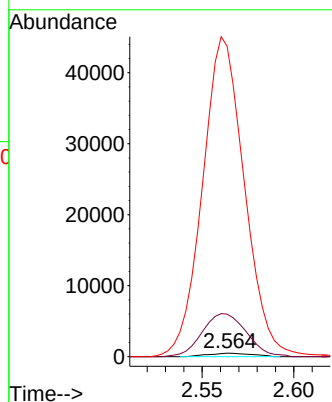


#12
1,1-Dichloroethene
Concen: 0.118 ug/L
RT: 2.564 min Scan# 396
Delta R.T. -0.013 min
Lab File: VU055020.D
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Instrument :
MSVOA_U
ClientSampleId :

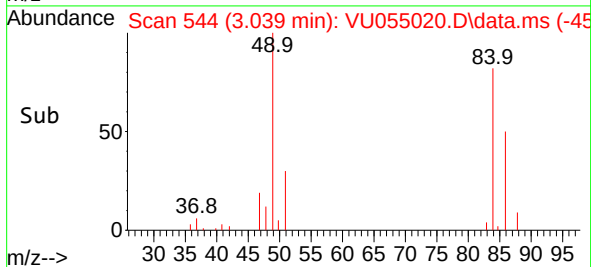
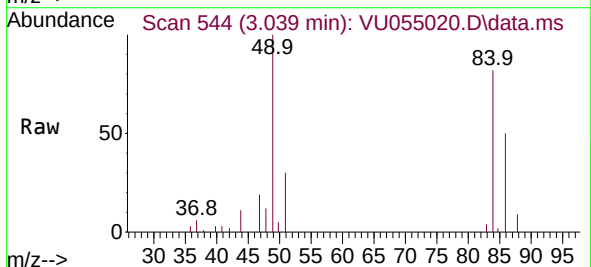
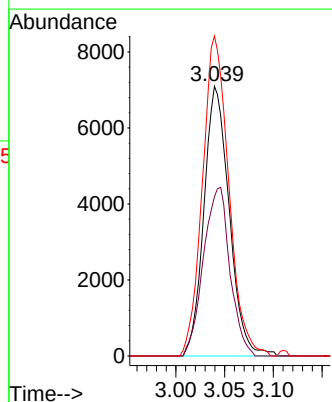


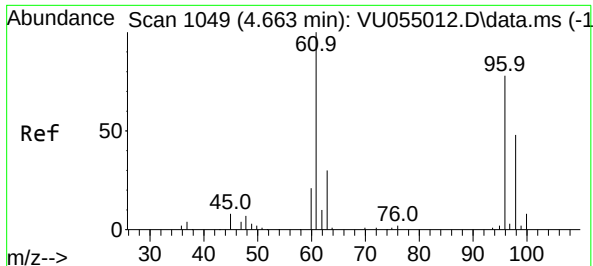
Tgt Ion: 96 Resp: 837
Ion Ratio Lower Upper
96 100
61 1185.9 132.4 245.8#
63 8662.2 82.5 153.1#



#16
Methylene chloride
Concen: 1.177 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055020.D
Acq: 31 Aug 2023 14:46

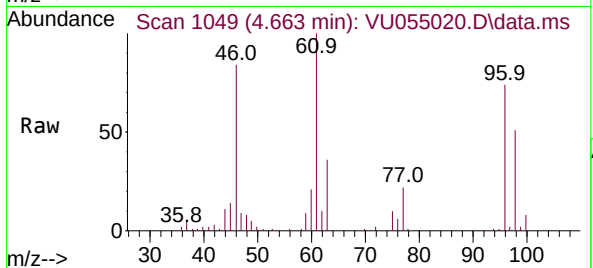
Tgt Ion: 84 Resp: 12821
Ion Ratio Lower Upper
84 100
86 59.1 45.1 83.7
49 124.3 89.5 166.3



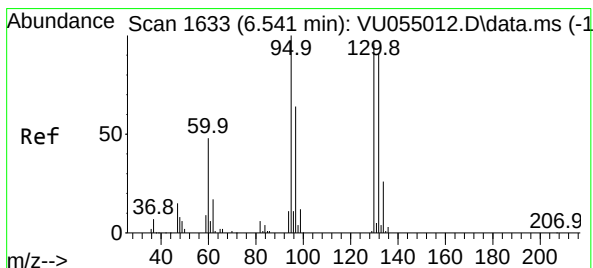
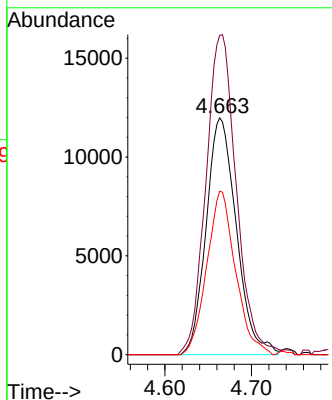
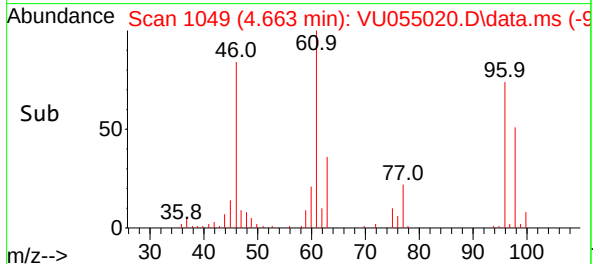


#22
 cis-1,2-Dichloroethene
 Concen: 3.146 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055020.D
 Acq: 31 Aug 2023 14:46

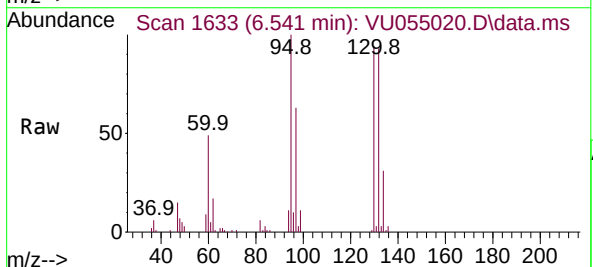
Instrument :
 MSVOA_U
 ClientSampleId :



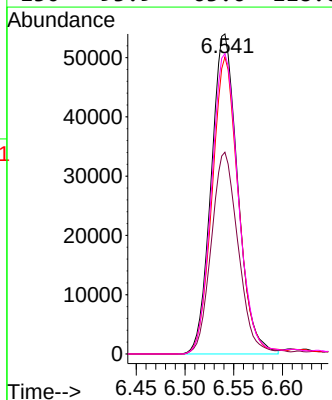
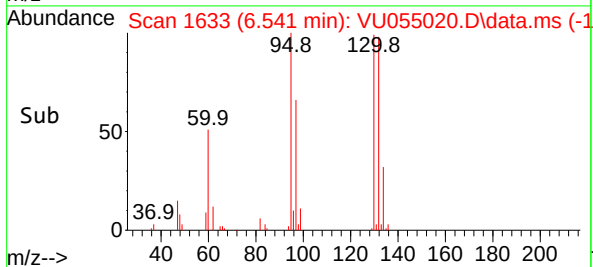
Tgt Ion: 96 Resp: 29063
 Ion Ratio Lower Upper
 96 100
 61 134.8 88.4 164.2
 98 69.0 44.0 81.6

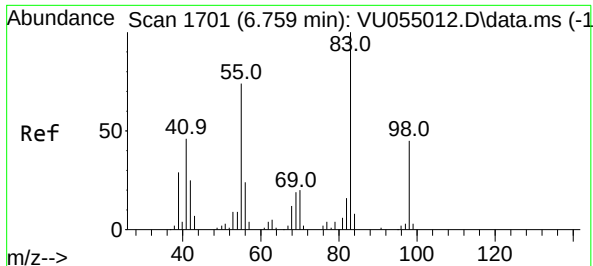


#34
 Trichloroethene
 Concen: 10.564 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055020.D
 Acq: 31 Aug 2023 14:46



Tgt Ion: 95 Resp: 102434
 Ion Ratio Lower Upper
 95 100
 97 63.1 44.1 81.9
 132 92.8 63.6 118.2
 130 93.9 63.6 118.0





#35

Methylcyclohexane

Concen: 1.077 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.070 min

Lab File: VU055020.D

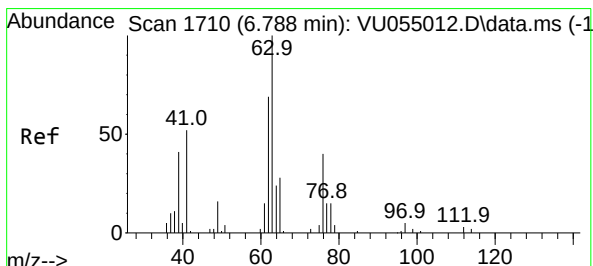
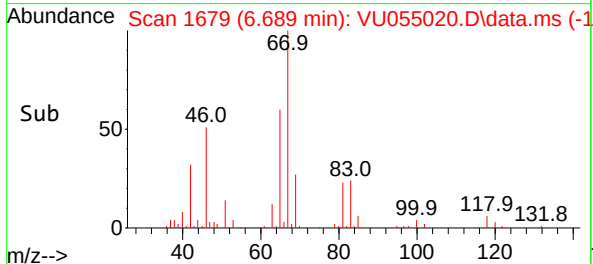
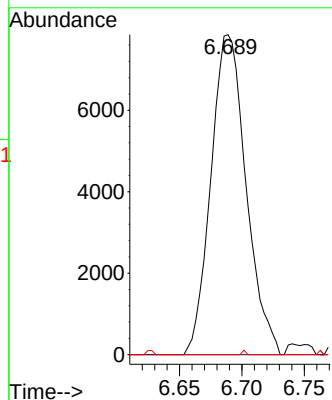
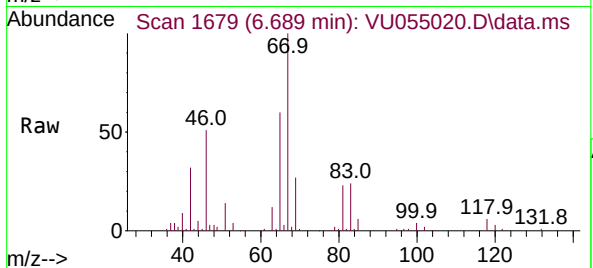
Acq: 31 Aug 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15454
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	0.0	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.767 ug/L

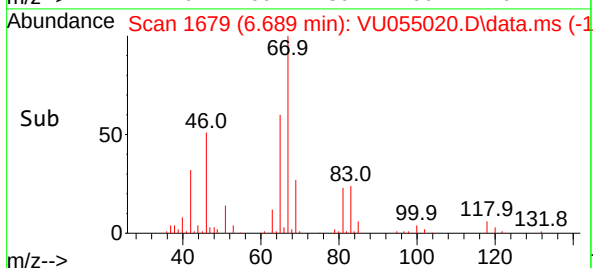
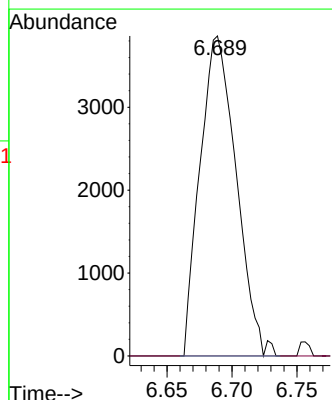
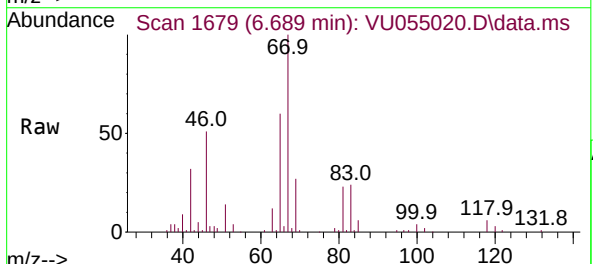
RT: 6.689 min Scan# 1679

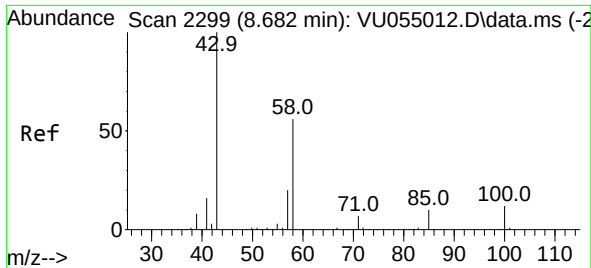
Delta R.T. -0.099 min

Lab File: VU055020.D

Acq: 31 Aug 2023 14:46

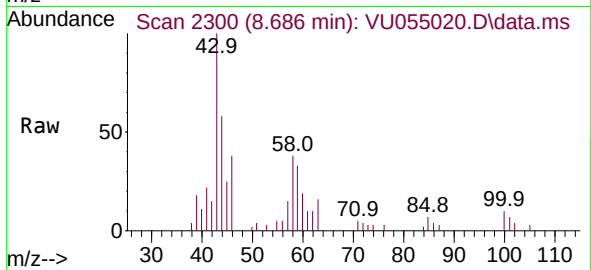
Tgt Ion:	63	Resp:	7484
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



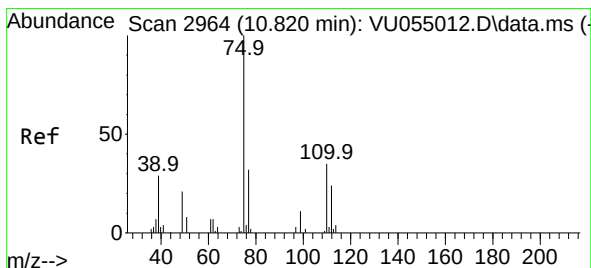
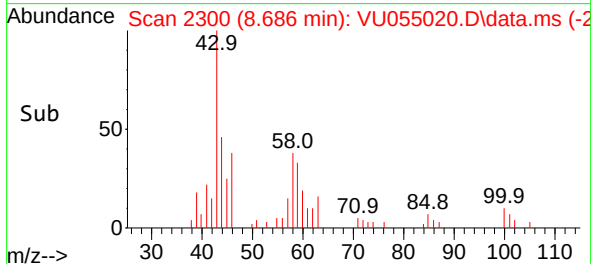
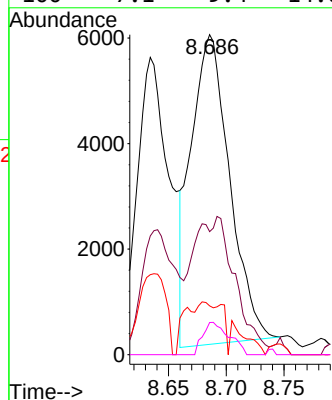


#48
2-Hexanone
Concen: 3.381 ug/L
RT: 8.686 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU055020.D
Acq: 31 Aug 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 13617
Ion Ratio Lower Upper
43 100
58 7.5 44.0 66.0#
57 6.7 15.9 23.9#
100 7.1 9.4 14.0#



#61
1,2,3-Trichloropropane
Concen: 1.797 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055020.D
Acq: 31 Aug 2023 14:46

Tgt Ion: 75 Resp: 9970
Ion Ratio Lower Upper
75 100
110 0.4 29.0 43.6#
77 38.7 26.5 39.7

