

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055021.D
 Acq On : 31 Aug 2023 15:11
 Operator : MD/SY
 Sample : 04209-19DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:00:47 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)

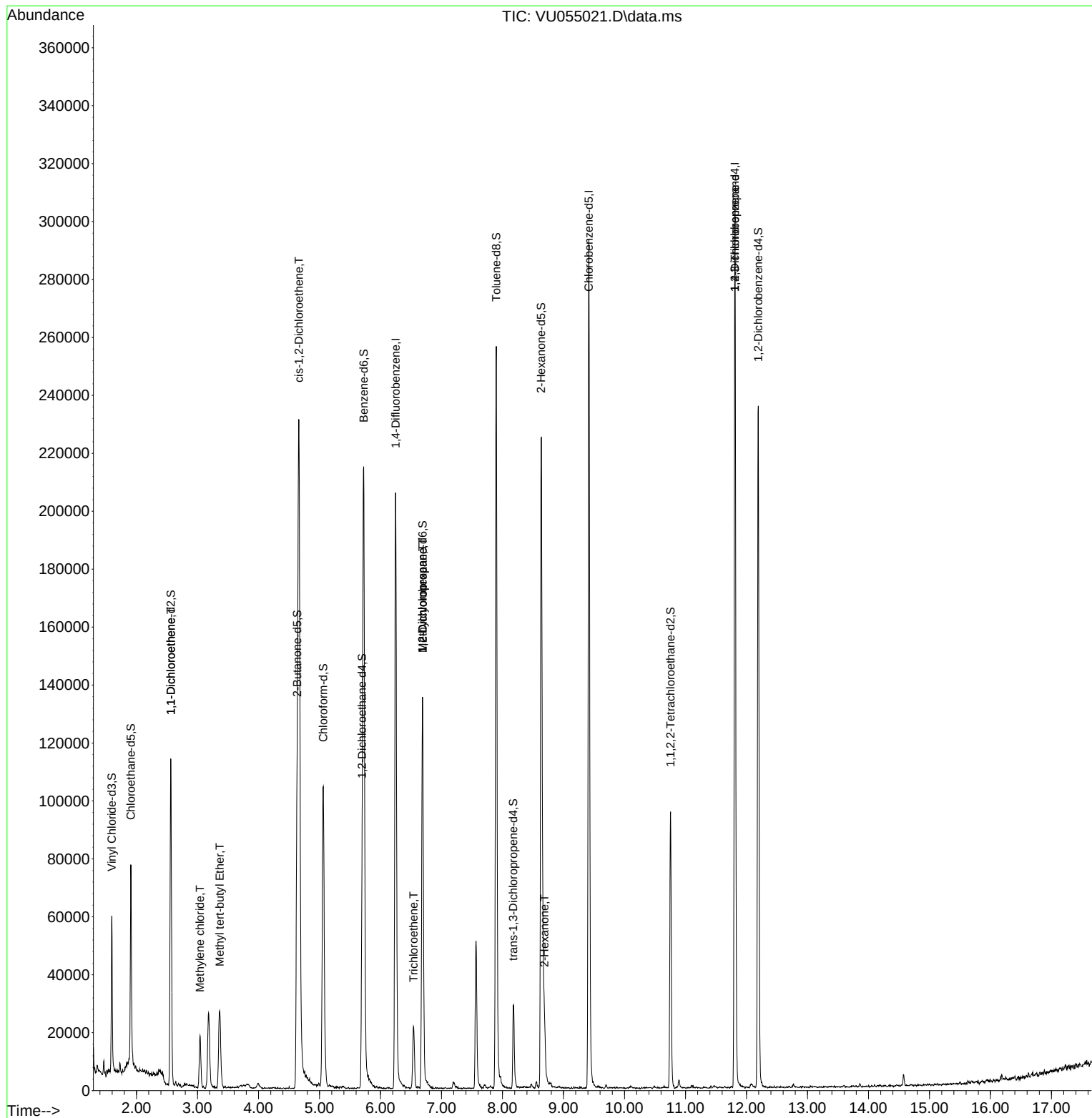
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	160068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	77563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37634	7.158	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 143.200%#		
7) Chloroethane-d5	1.907	69	45910	6.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 135.200%#		
11) 1,1-Dichloroethene-d2	2.563	65	21215	7.139	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 142.800%#		
20) 2-Butanone-d5	4.634	46	119636	42.156	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 84.320%		
24) Chloroform-d	5.062	84	96070	4.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
26) 1,2-Dichloroethane-d4	5.698	65	51555	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.400%		
32) Benzene-d6	5.724	84	195292	5.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.600%		
36) 1,2-Dichloropropane-d6	6.688	67	63930	5.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.000%		
41) Toluene-d8	7.897	98	173536	5.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...	8.177	79	17048	4.094	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 81.800%		
46) 2-Hexanone-d5	8.634	63	72641	36.749	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 73.500%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46313	4.268	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 85.400%		
66) 1,2-Dichlorobenzene-d4	12.193	152	59357	4.793	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 95.800%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.563	96	898	0.119	ug/L #	1
16) Methylene chloride	3.039	84	8008	0.693	ug/L	92
17) Methyl tert-butyl Ether	3.364	73	30105	1.375	ug/L #	78
22) cis-1,2-Dichloroethene	4.663	96	101609	10.369	ug/L	93
34) Trichloroethene	6.541	95	6814	0.651	ug/L	92
35) Methylcyclohexane	6.688	83	13819	0.893	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	7151	0.679	ug/L #	91
48) 2-Hexanone	8.688	43	13333	3.068	ug/L #	88
61) 1,2,3-Trichloropropane	11.810	75	10160	1.759	ug/L #	69

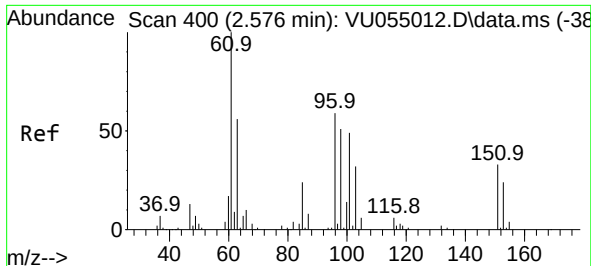
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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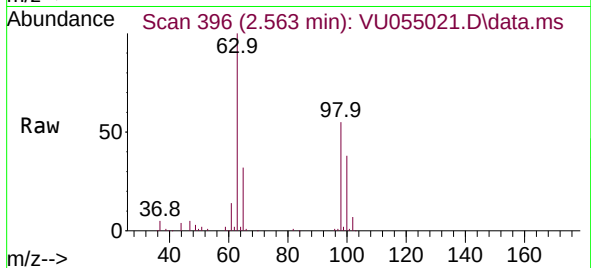
Quant Time: Sep 01 05:00:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
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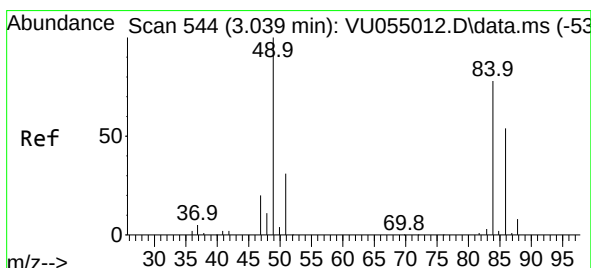
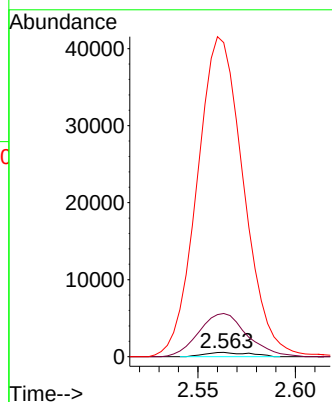
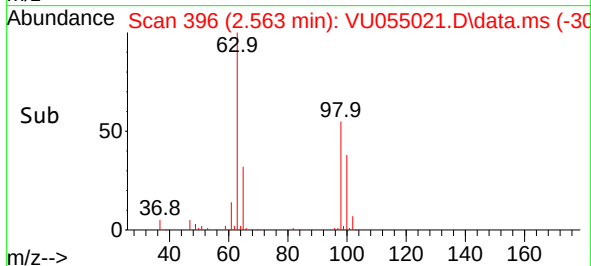


#12
1,1-Dichloroethene
Concen: 0.119 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.013 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

Instrument :
MSVOA_U
ClientSampleId :

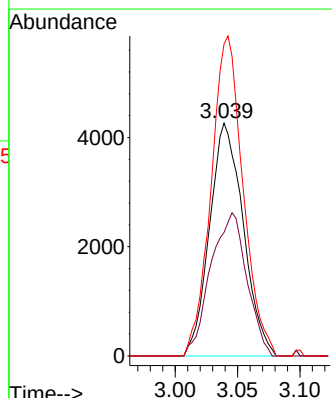
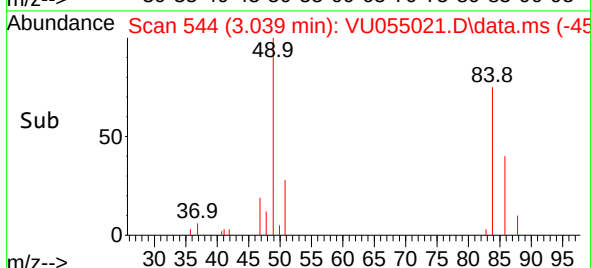
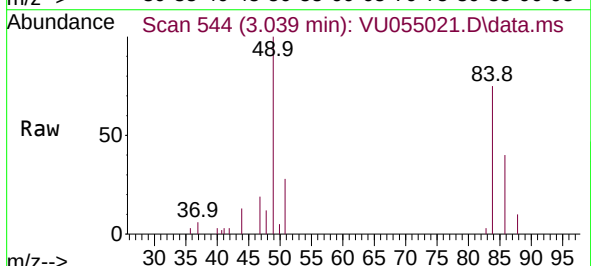


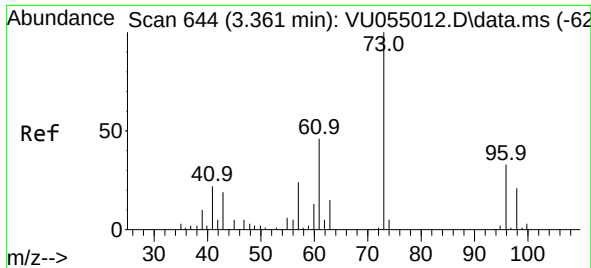
Tgt Ion: 96 Resp: 898
Ion Ratio Lower Upper
96 100
61 1018.1 132.4 245.8#
63 7400.4 82.5 153.1#



#16
Methylene chloride
Concen: 0.693 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

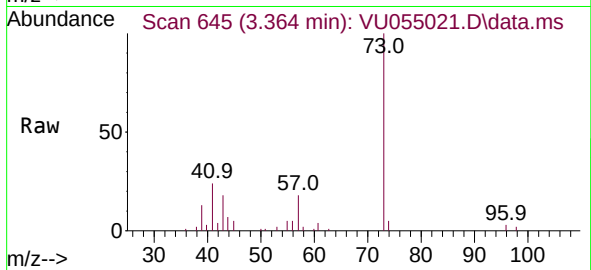
Tgt Ion: 84 Resp: 8008
Ion Ratio Lower Upper
84 100
86 53.1 45.1 83.7
49 134.0 89.5 166.3



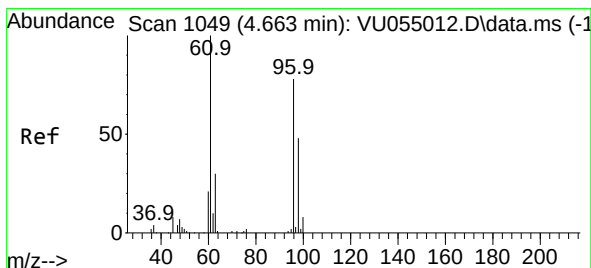
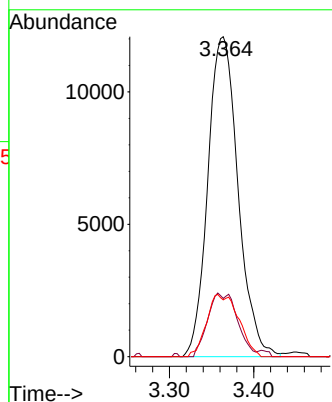
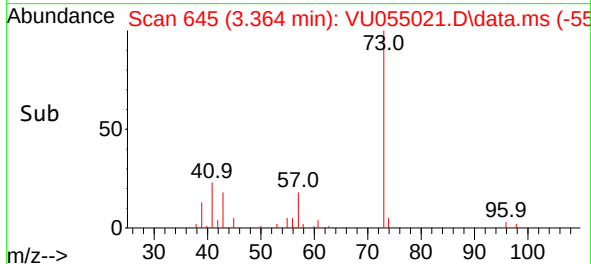


#17
Methyl tert-butyl Ether
Concen: 1.375 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

Instrument :
MSVOA_U
ClientSampleId :

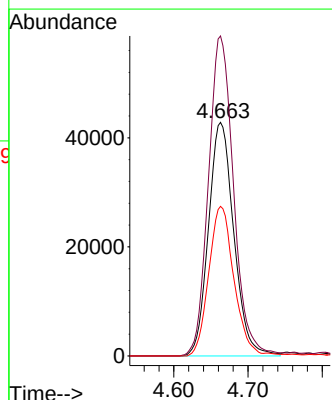
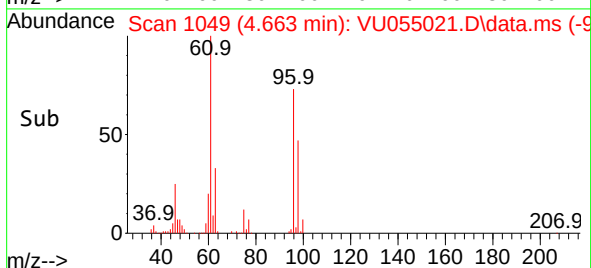
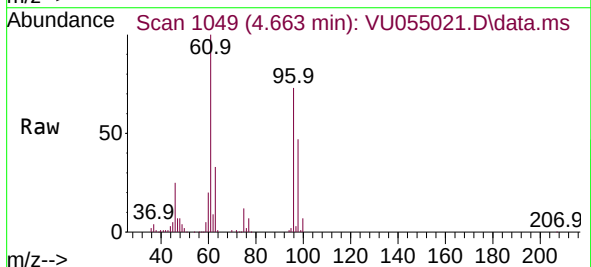


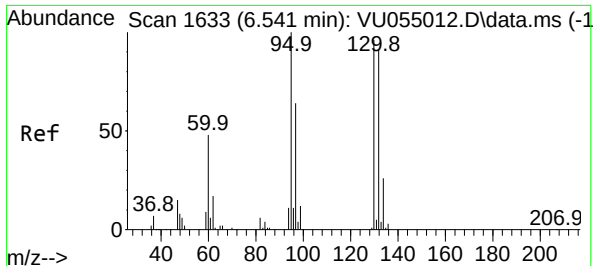
Tgt Ion: 73 Resp: 30105
Ion Ratio Lower Upper
73 100
43 10.7 16.2 24.2#
57 10.9 17.4 26.0#



#22
cis-1,2-Dichloroethene
Concen: 10.369 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

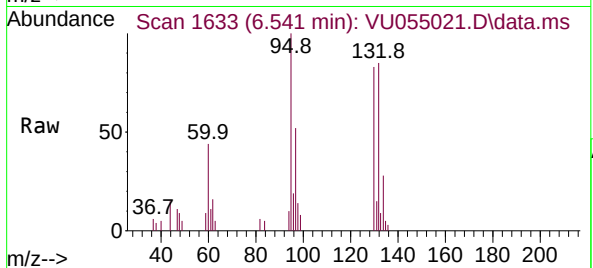
Tgt Ion: 96 Resp: 101609
Ion Ratio Lower Upper
96 100
61 137.0 88.4 164.2
98 64.0 44.0 81.6



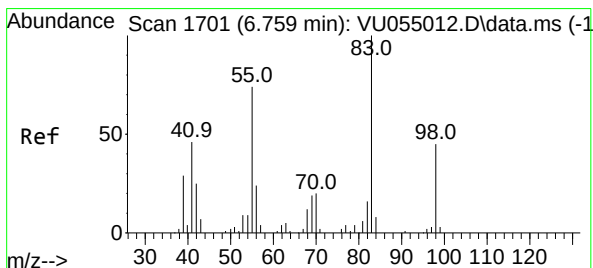
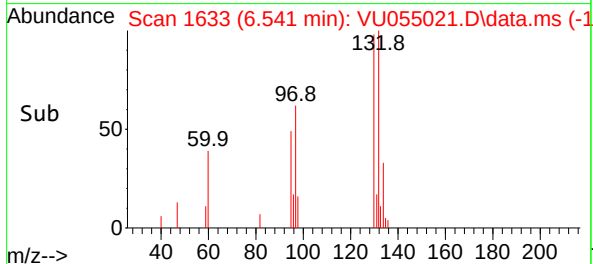
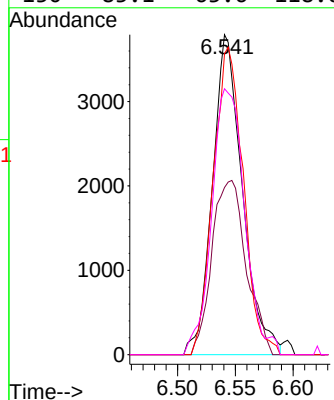


#34
Trichloroethene
Concen: 0.651 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

Instrument :
MSVOA_U
ClientSampleId :

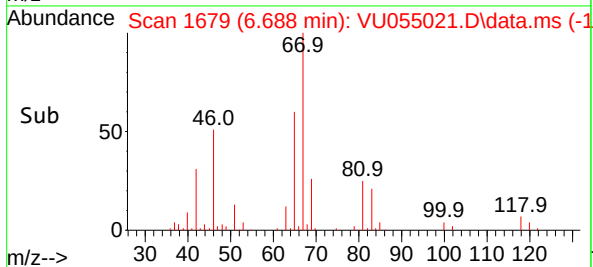
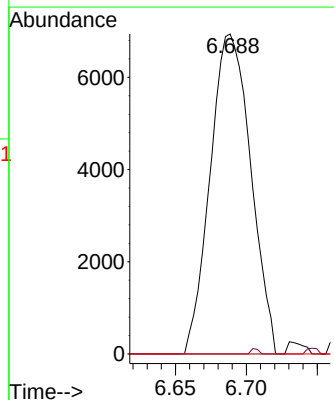
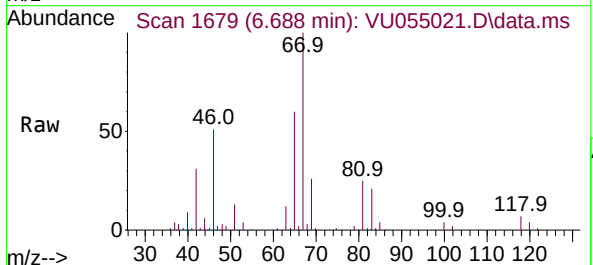


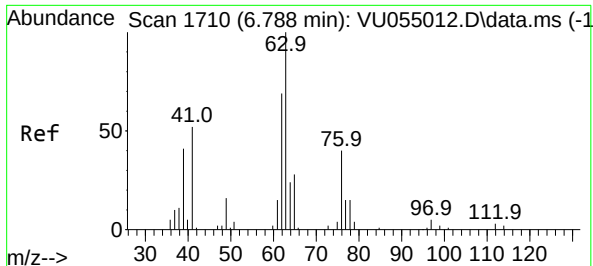
Tgt Ion:	95	Resp:	6814
Ion	Ratio	Lower	Upper
95	100		
97	52.2	44.1	81.9
132	94.0	63.6	118.2
130	83.1	63.6	118.0



#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

Tgt Ion:	83	Resp:	13819
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.1	93.1#
98	3.5	37.8	56.6#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055021.D

Acq: 31 Aug 2023 15:11

Instrument :

MSVOA_U

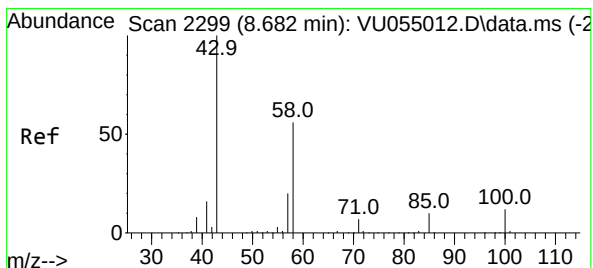
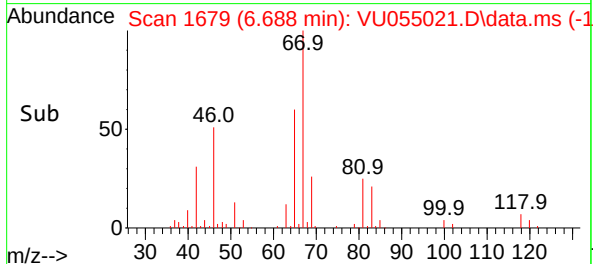
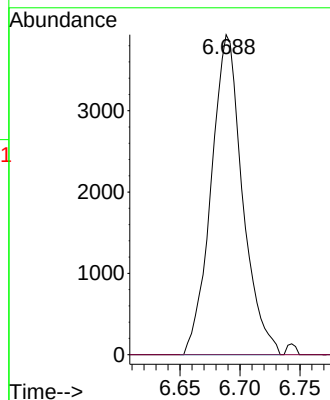
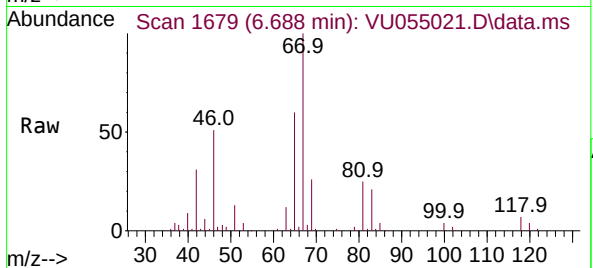
ClientSampleId :

Tgt Ion: 63 Resp: 7151

Ion Ratio Lower Upper

63 100

112 0.3 2.7 4.1#



#48

2-Hexanone

Concen: 3.068 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU055021.D

Acq: 31 Aug 2023 15:11

Tgt Ion: 43 Resp: 13333

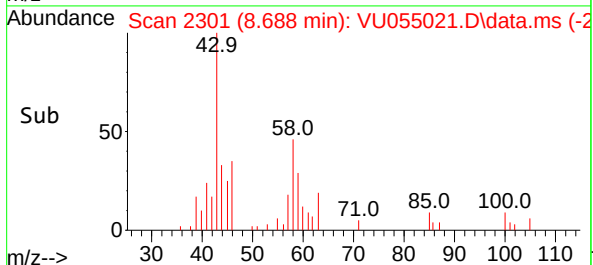
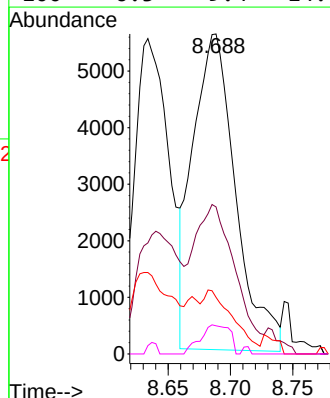
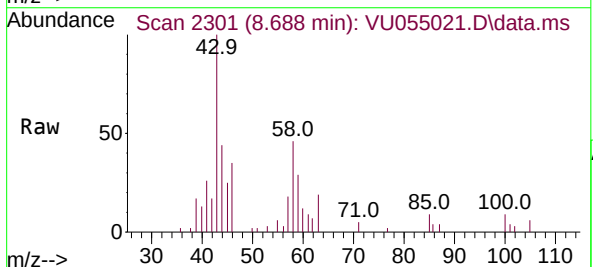
Ion Ratio Lower Upper

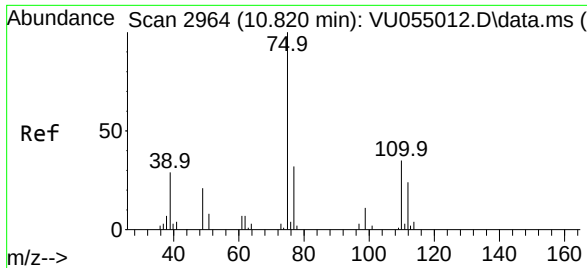
43 100

58 46.3 44.0 66.0

57 14.0 15.9 23.9#

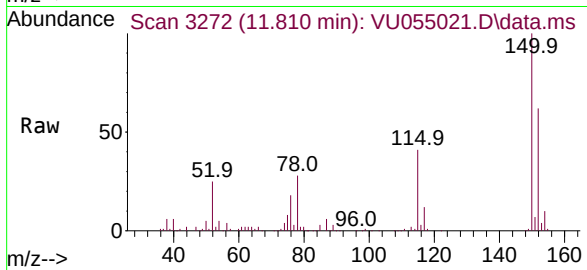
100 6.3 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.759 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055021.D
 Acq: 31 Aug 2023 15:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10160
 Ion Ratio Lower Upper
 75 100
 110 3.2 29.0 43.6#
 77 35.1 26.5 39.7

