

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055080.D
 Acq On : 02 Sep 2023 07:32
 Operator : MD/SY
 Sample : 04250-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 01:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

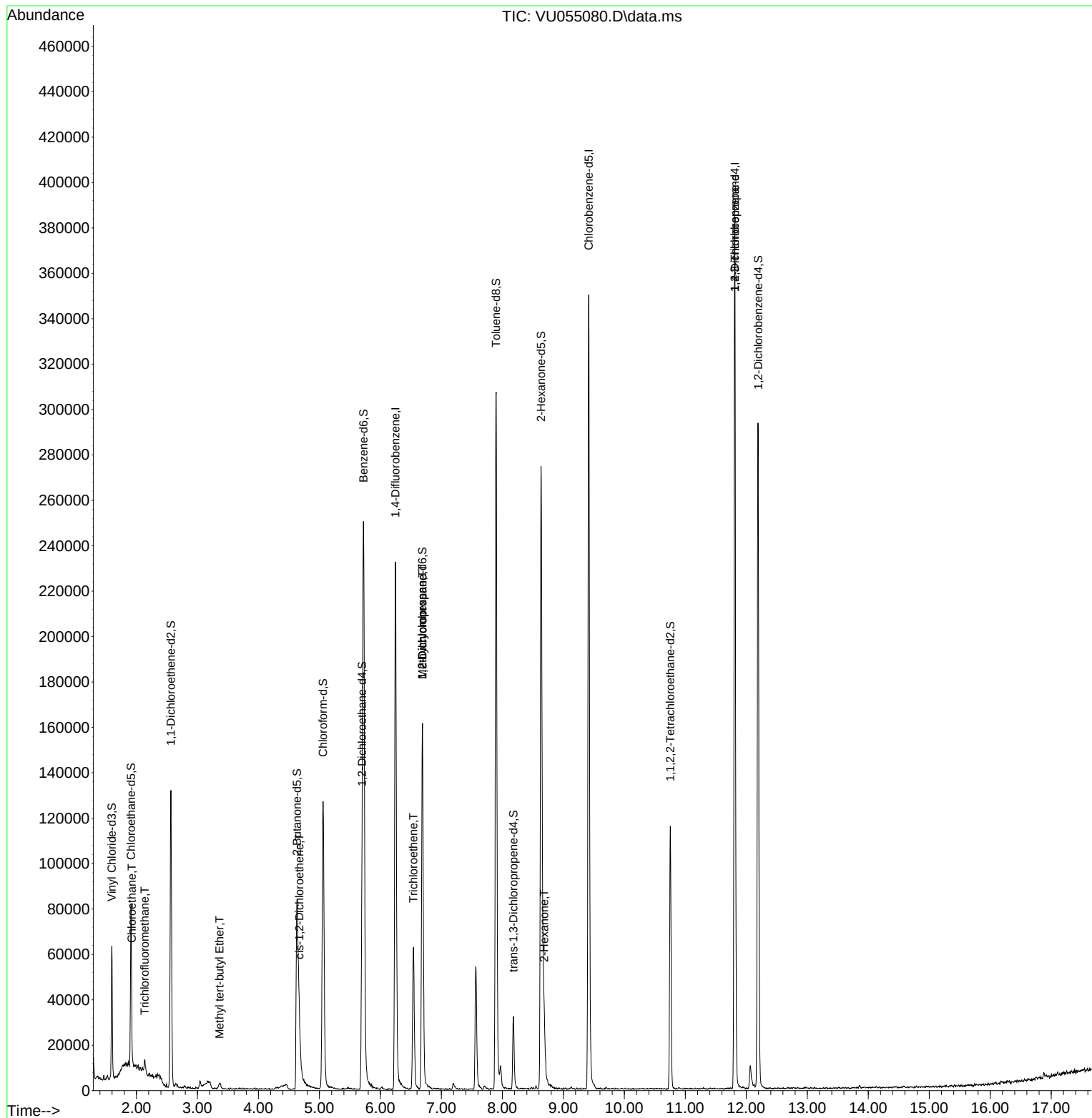
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	187473	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	191814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39352	4.479	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.911	69	48495	4.768	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.563	65	25801	5.154	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.000%	
20) 2-Butanone-d5	4.631	46	146765	57.560	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.120%	
24) Chloroform-d	5.059	84	117848	5.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.698	65	61509	5.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.724	84	233587	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.689	67	76561	5.084	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.898	98	207225	4.751	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	8.181	79	19052	4.594	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.634	63	90188	53.567	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.140%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55074	5.200	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	76053	5.255	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.920	64	1147	0.151	ug/L #	43
9) Trichlorofluoromethane	2.136	101	3004	0.177	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	3271	0.144	ug/L #	82
22) cis-1,2-Dichloroethene	4.669	96	5186	0.482	ug/L	95
34) Trichloroethene	6.541	95	20994	1.850	ug/L	97
35) Methylcyclohexane	6.689	83	16740	1.052	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8957	0.806	ug/L #	88
48) 2-Hexanone	8.685	43	17142	3.452	ug/L #	79
61) 1,2,3-Trichloropropane	11.811	75	13965	2.123	ug/L #	70

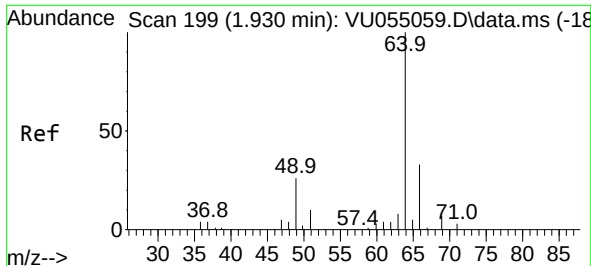
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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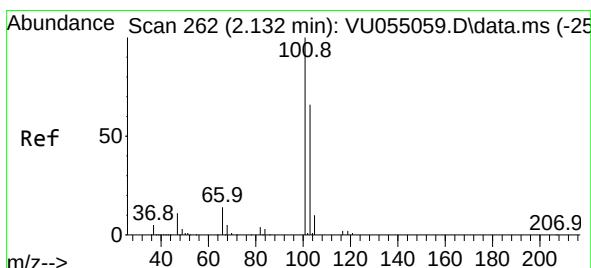
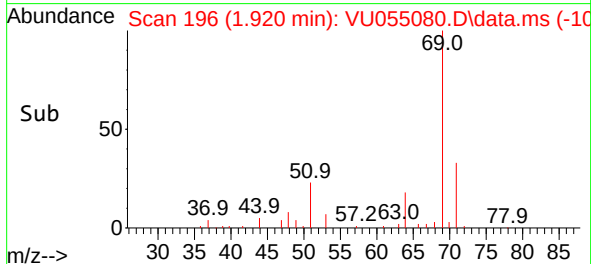
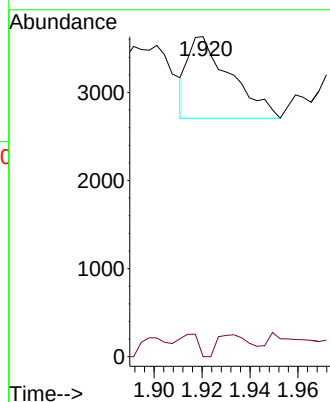
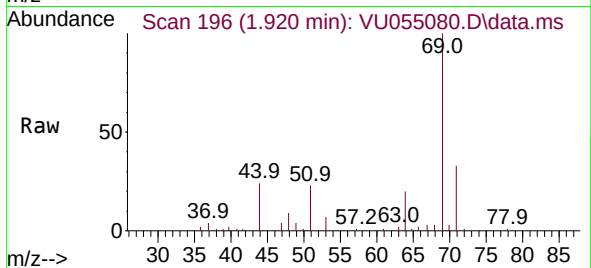




#8
Chloroethane
Concen: 0.151 ug/L
RT: 1.920 min Scan# 199
Delta R.T. -0.009 min
Lab File: VU055080.D
Acq: 02 Sep 2023 07:32

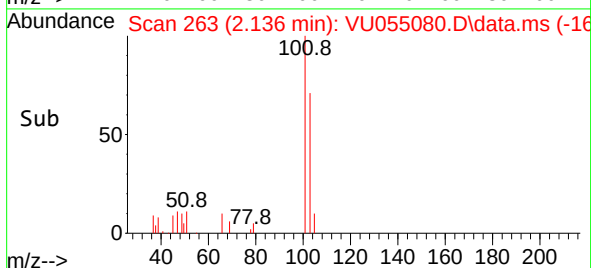
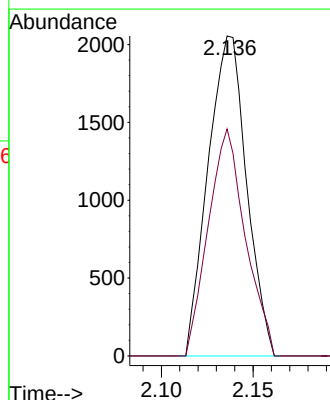
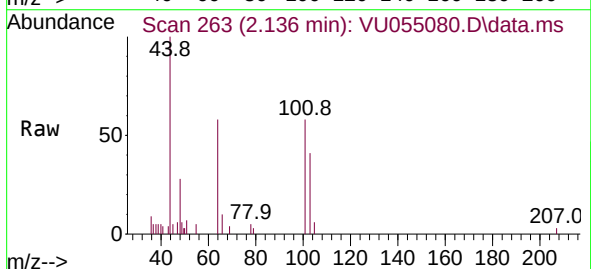
Instrument :
MSVOA_U
ClientSampleId :

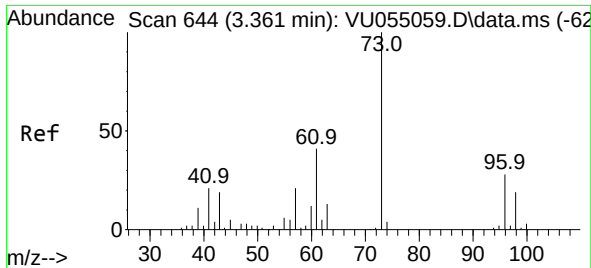
Tgt Ion: 64 Resp: 1147
Ion Ratio Lower Upper
64 100
66 0.0 22.4 41.6#



#9
Trichlorofluoromethane
Concen: 0.177 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU055080.D
Acq: 02 Sep 2023 07:32

Tgt Ion: 101 Resp: 3004
Ion Ratio Lower Upper
101 100
103 68.3 51.9 77.9

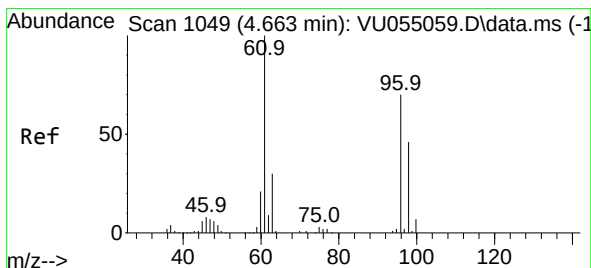
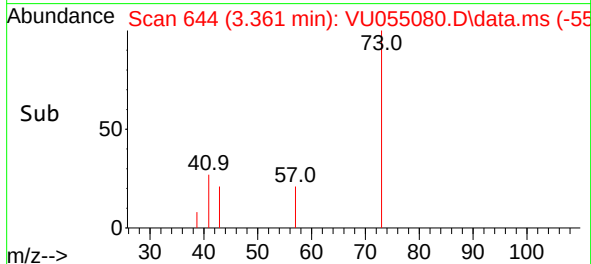
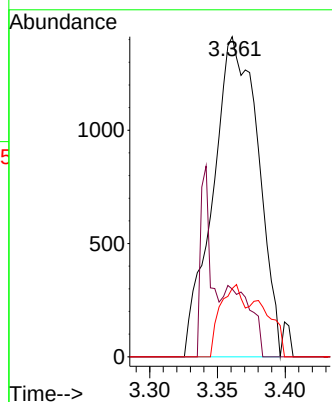
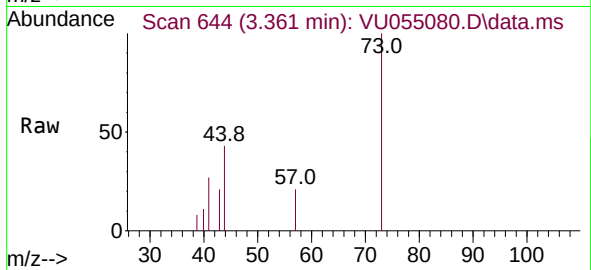




#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055080.D
Acq: 02 Sep 2023 07:32

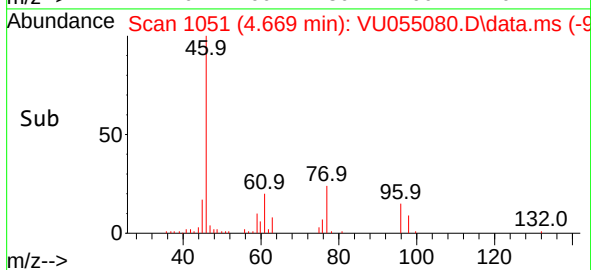
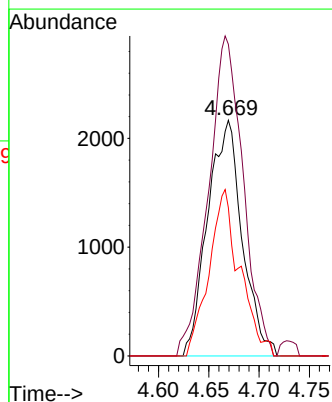
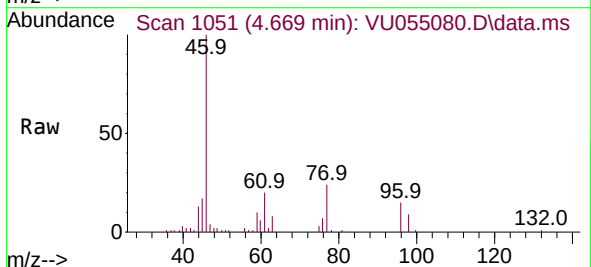
Instrument :
MSVOA_U
ClientSampleId :

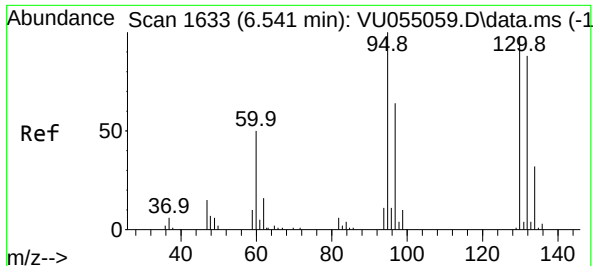
Tgt Ion: 73 Resp: 3271
Ion Ratio Lower Upper
73 100
43 13.5 16.2 24.2#
57 11.7 17.4 26.2#



#22
cis-1,2-Dichloroethene
Concen: 0.482 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.007 min
Lab File: VU055080.D
Acq: 02 Sep 2023 07:32

Tgt Ion: 96 Resp: 5186
Ion Ratio Lower Upper
96 100
61 132.3 97.2 180.4
98 62.9 46.1 85.7





#34

Trichloroethene

Concen: 1.850 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

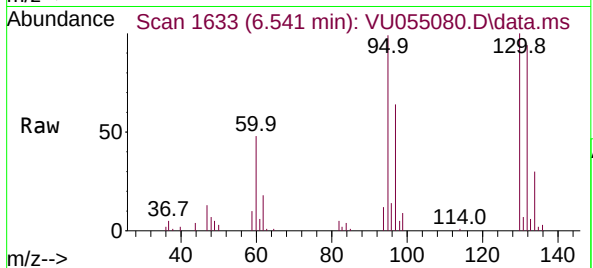
Lab File: VU055080.D

Acq: 02 Sep 2023 07:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 20994

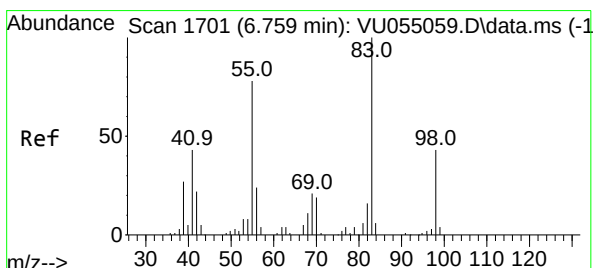
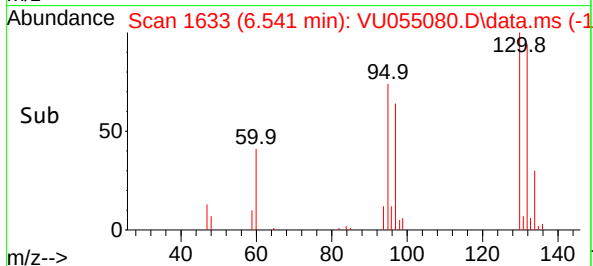
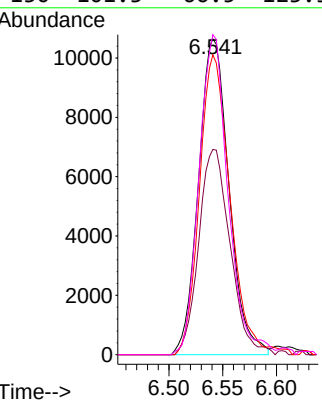
Ion Ratio Lower Upper

95 100

97 65.0 44.7 83.1

132 94.9 66.6 123.6

130 101.3 66.5 123.5



#35

Methylcyclohexane

Concen: 1.052 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055080.D

Acq: 02 Sep 2023 07:32

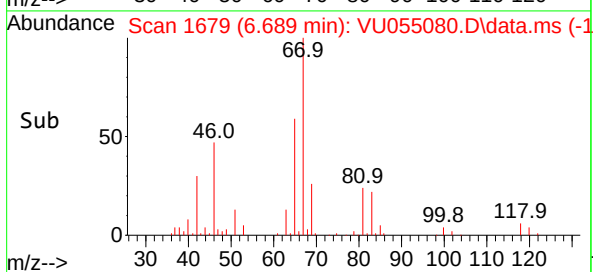
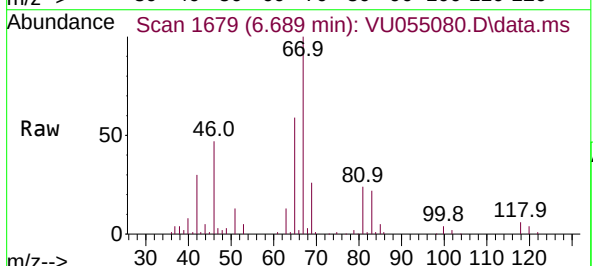
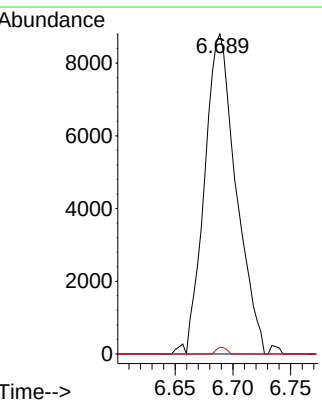
Tgt Ion: 83 Resp: 16740

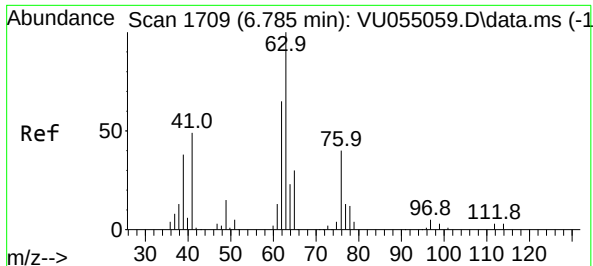
Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

98 0.7 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.806 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU055080.D

Acq: 02 Sep 2023 07:32

Instrument :

MSVOA_U

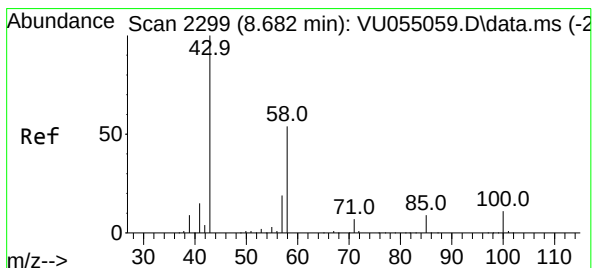
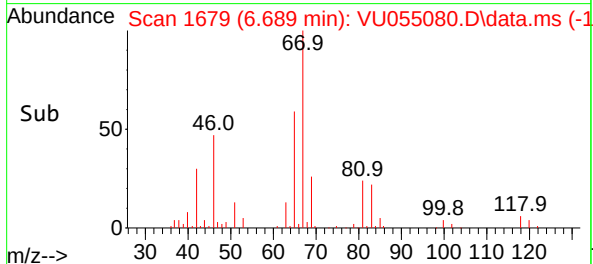
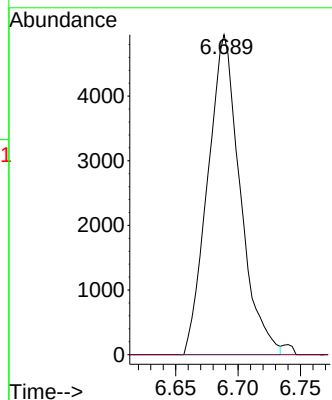
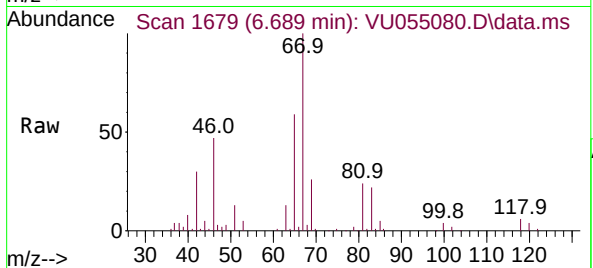
ClientSampleId :

Tgt Ion: 63 Resp: 8957

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 3.452 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055080.D

Acq: 02 Sep 2023 07:32

Tgt Ion: 43 Resp: 17142

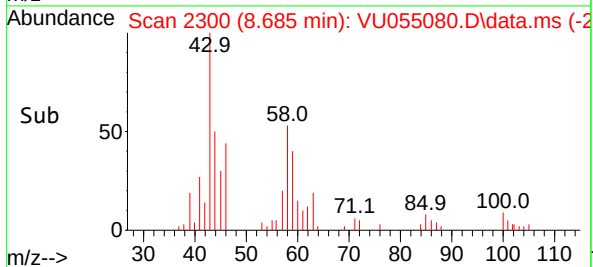
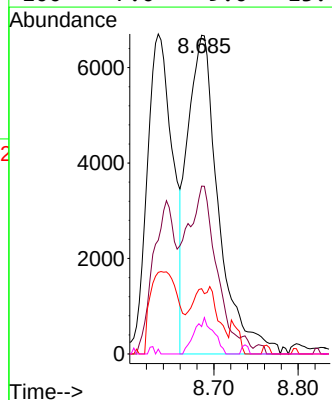
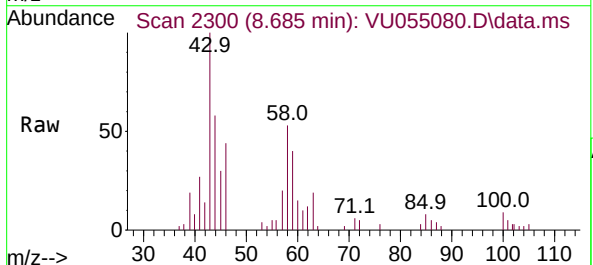
Ion Ratio Lower Upper

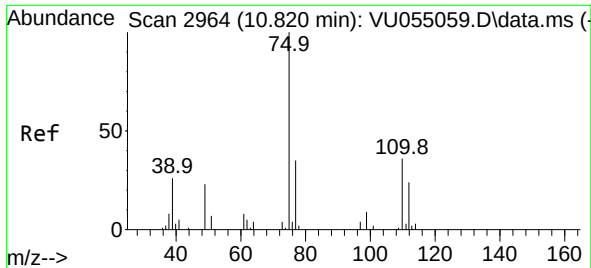
43 100

58 43.4 44.0 66.0#

57 2.7 16.2 24.2#

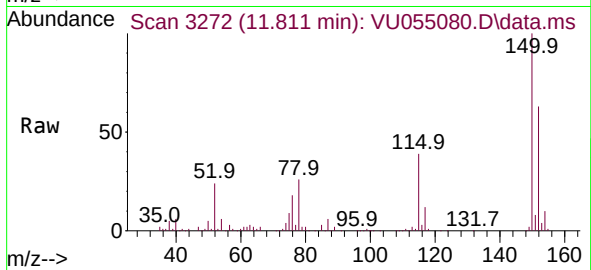
100 7.0 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.123 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055080.D
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 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13965
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.2 42.2#
 77 33.4 26.2 39.4

