

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055054.D
 Acq On : 01 Sep 2023 20:50
 Operator : MD/SY
 Sample : 04153-09DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:50:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

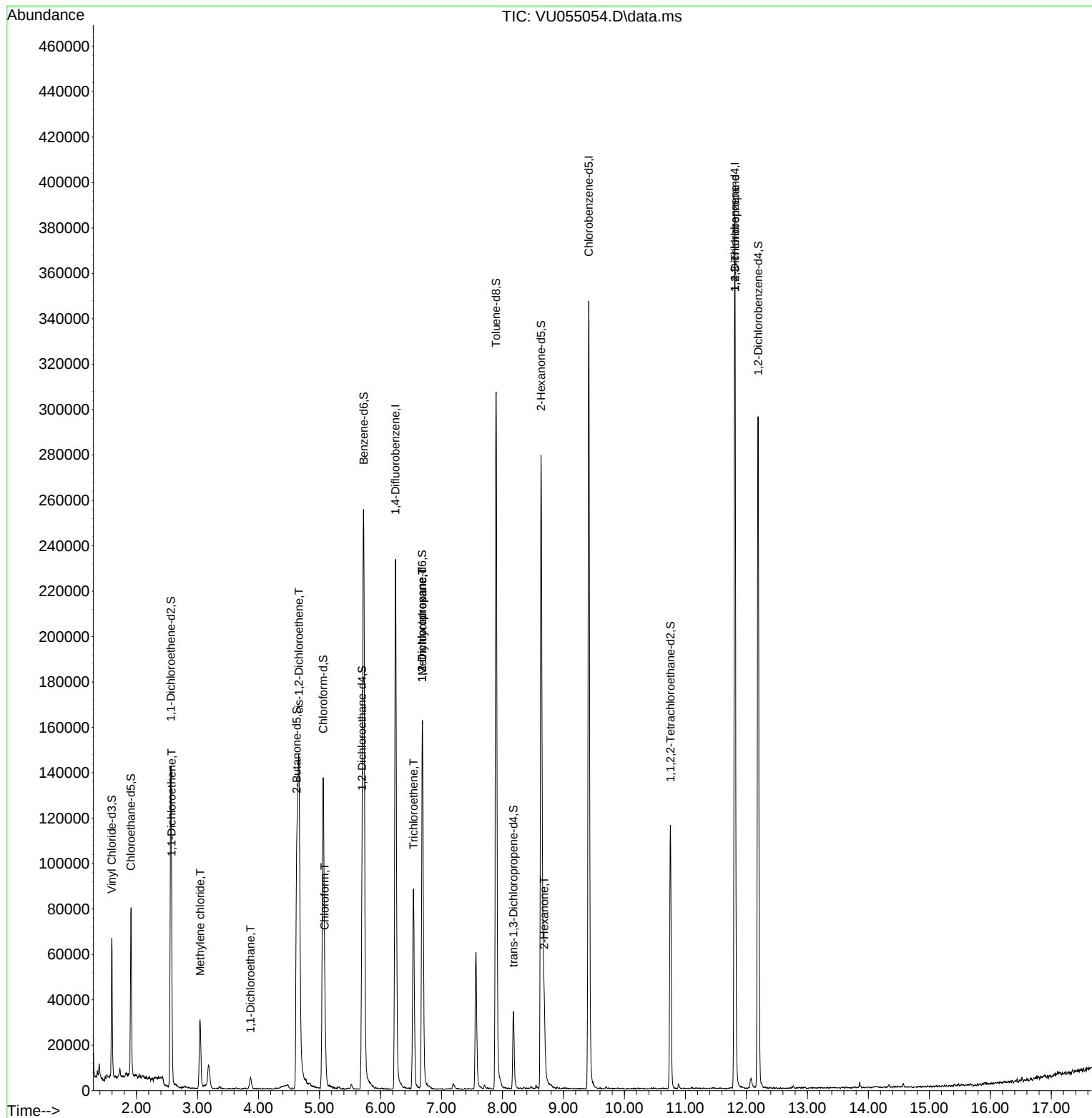
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189976	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	98500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42408	4.763	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.907	69	49729	4.825	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.563	65	24774	4.883	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	4.627	46	149661	57.922	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.840%	
24) Chloroform-d	5.062	84	121040	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.698	65	62391	5.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.724	84	238215	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.685	67	76685	5.139	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.897	98	208112	4.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	8.180	79	19766	4.810	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.634	63	91751	54.995	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.000%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57299	5.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	74757	5.200	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	7689	0.875	ug/L #	1
16) Methylene chloride	3.042	84	14105	1.051	ug/L	97
19) 1,1-Dichloroethane	3.869	63	5980	0.311	ug/L #	87
22) cis-1,2-Dichloroethene	4.663	96	58592	5.372	ug/L	97
25) Chloroform	5.087	83	21300	1.062	ug/L	98
34) Trichloroethene	6.544	95	29719	2.643	ug/L	93
35) Methylcyclohexane	6.688	83	16997	1.078	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	8238	0.748	ug/L #	88
48) 2-Hexanone	8.685	43	21264	4.321	ug/L #	80
61) 1,2,3-Trichloropropane	11.814	75	13675	2.092	ug/L #	72

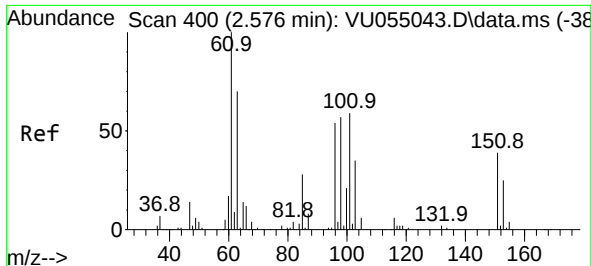
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.875 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055054.D

Acq: 01 Sep 2023 20:50

Instrument :

MSVOA_U

ClientSampleId :

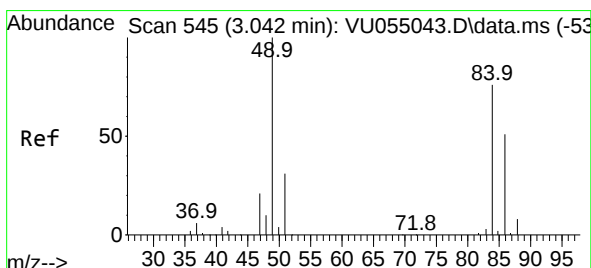
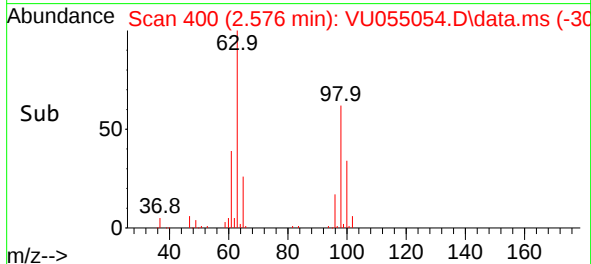
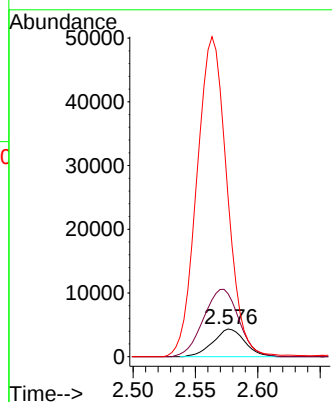
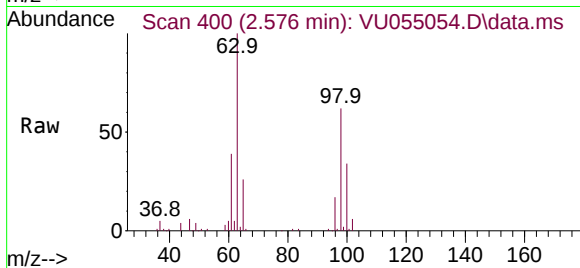
Tgt Ion: 96 Resp: 7689

Ion Ratio Lower Upper

96 100

61 210.0 120.8 224.4

63 532.5 94.5 175.5#



#16

Methylene chloride

Concen: 1.051 ug/L

RT: 3.042 min Scan# 545

Delta R.T. -0.000 min

Lab File: VU055054.D

Acq: 01 Sep 2023 20:50

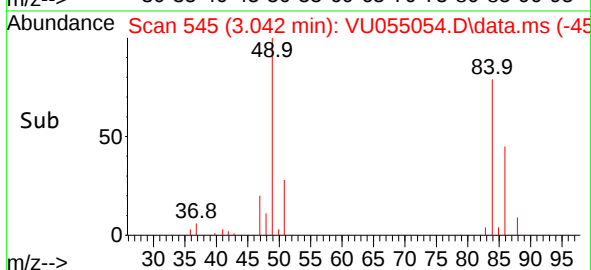
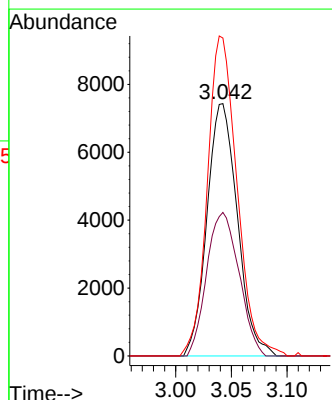
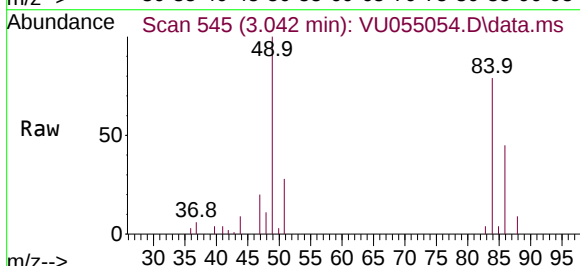
Tgt Ion: 84 Resp: 14105

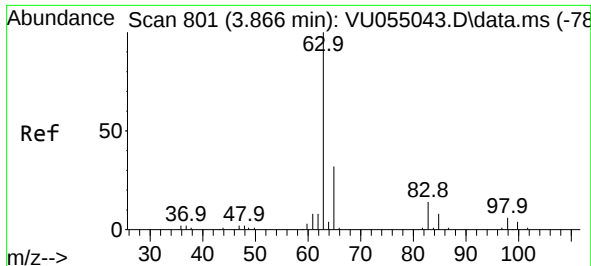
Ion Ratio Lower Upper

84 100

86 56.9 43.4 80.6

49 126.0 87.7 162.9





#19

1,1-Dichloroethane

Concen: 0.311 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

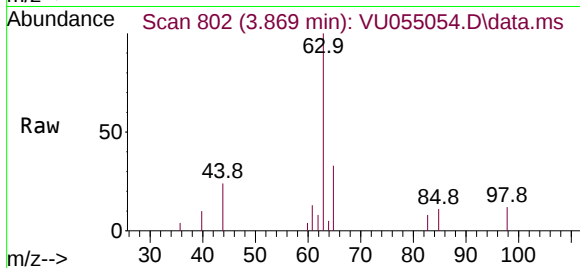
Lab File: VU055054.D

Acq: 01 Sep 2023 20:50

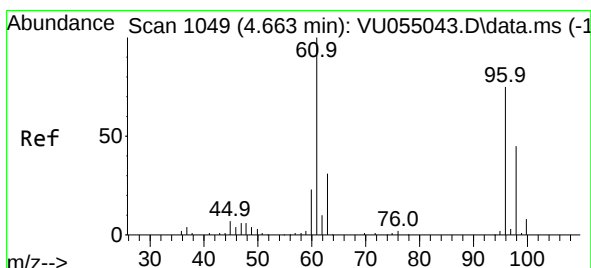
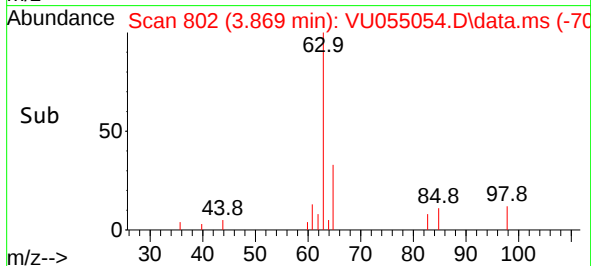
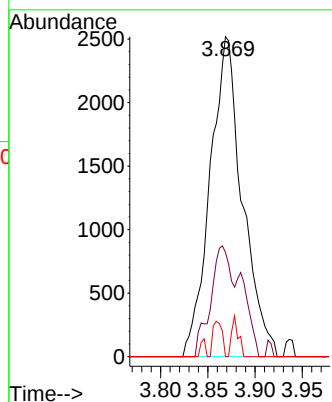
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	5980
Ion Ratio	Lower	Upper	
63	100		
65	32.6	22.2	41.2
83	0.0	10.6	19.8



#22

cis-1,2-Dichloroethene

Concen: 5.372 ug/L

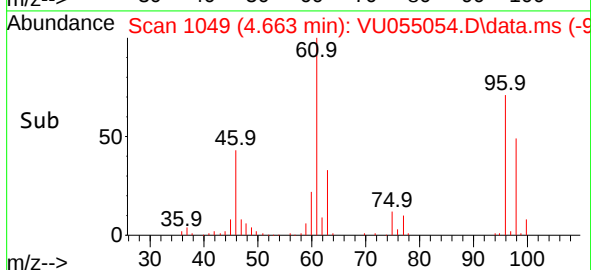
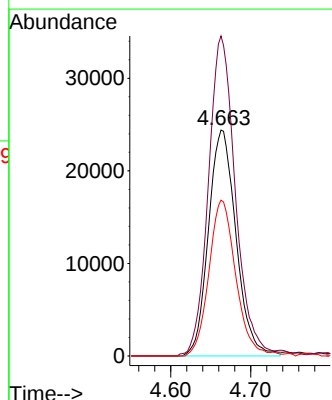
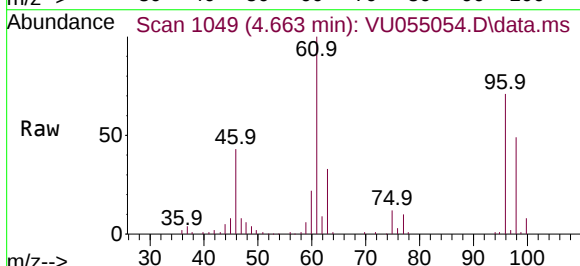
RT: 4.663 min Scan# 1049

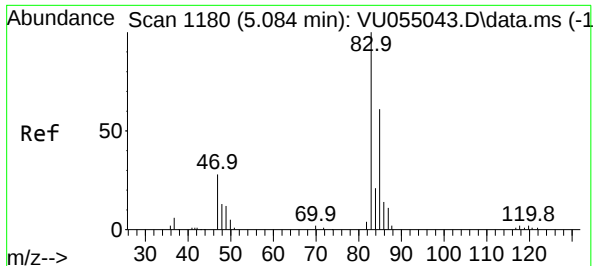
Delta R.T. -0.000 min

Lab File: VU055054.D

Acq: 01 Sep 2023 20:50

Tgt Ion:	96	Resp:	58592
Ion Ratio	Lower	Upper	
96	100		
61	141.6	97.2	180.4
98	69.0	46.1	85.7





#25

Chloroform

Concen: 1.062 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055054.D

Acq: 01 Sep 2023 20:50

Instrument :

MSVOA_U

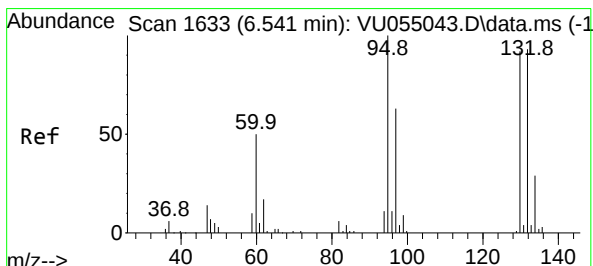
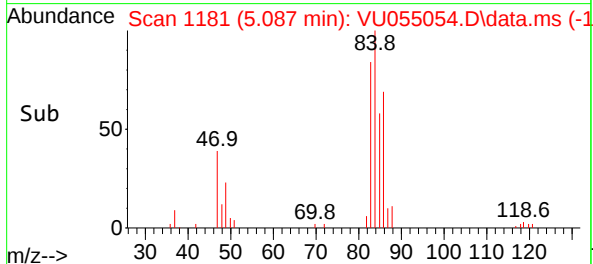
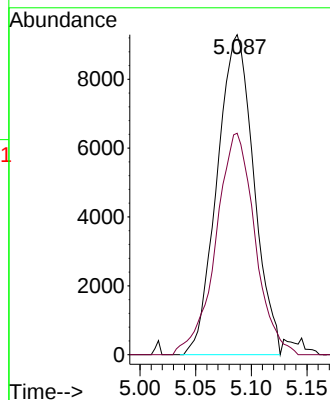
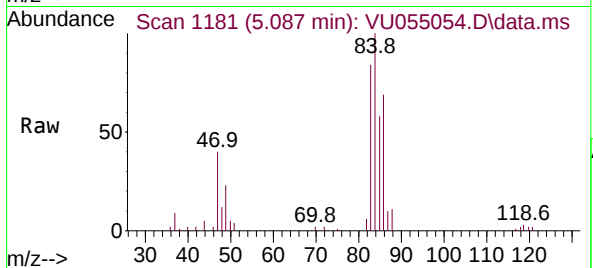
ClientSampleId :

Tgt Ion: 83 Resp: 21300

Ion Ratio Lower Upper

83 100

85 69.2 47.2 87.6



#34

Trichloroethene

Concen: 2.643 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU055054.D

Acq: 01 Sep 2023 20:50

Tgt Ion: 95 Resp: 29719

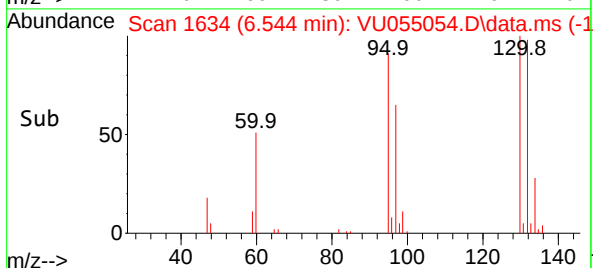
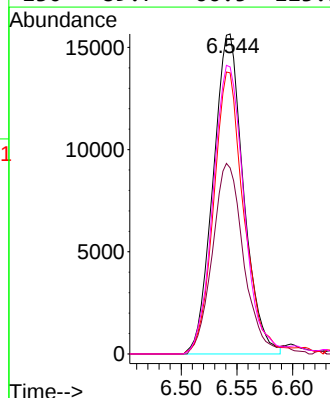
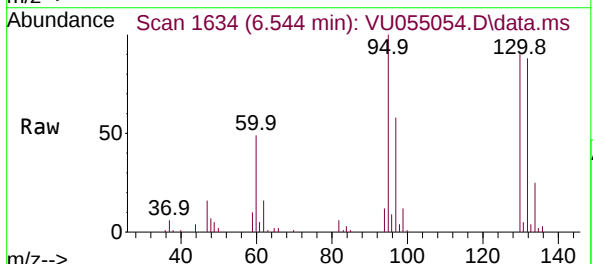
Ion Ratio Lower Upper

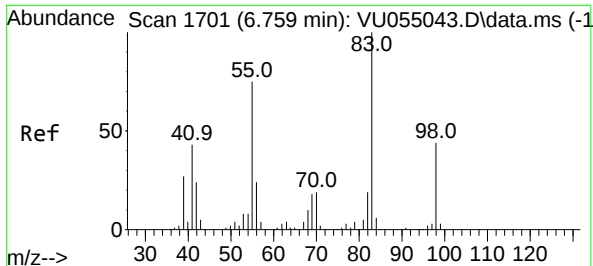
95 100

97 58.2 44.7 83.1

132 87.8 66.6 123.6

130 89.7 66.5 123.5





#35

Methylcyclohexane

Concen: 1.078 ug/L

RT: 6.688 min Scan# 1697

Delta R.T. -0.071 min

Lab File: VU055054.D

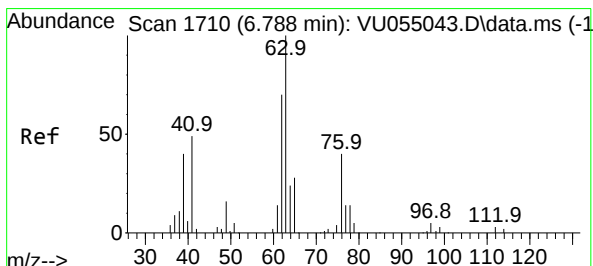
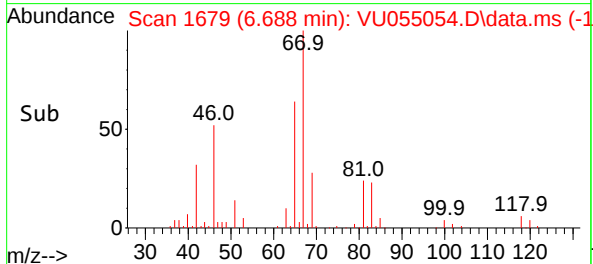
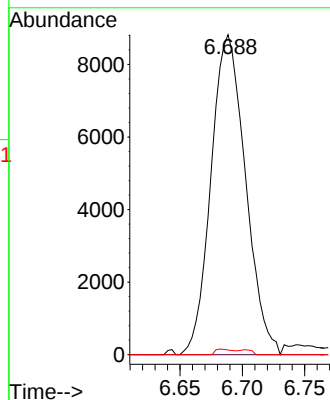
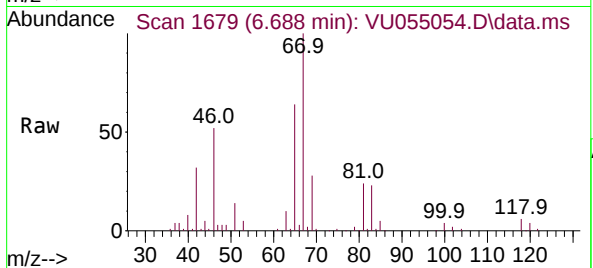
Acq: 01 Sep 2023 20:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	16997
Ion Ratio	Lower	Upper	
83	100		
55	0.1	60.4	90.6#
98	0.9	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.748 ug/L

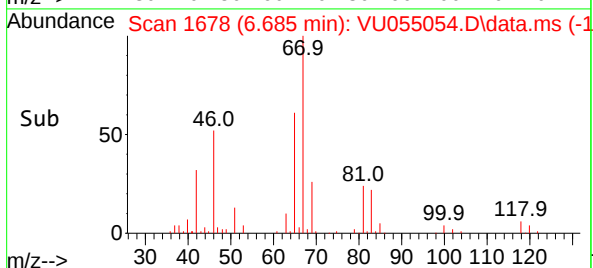
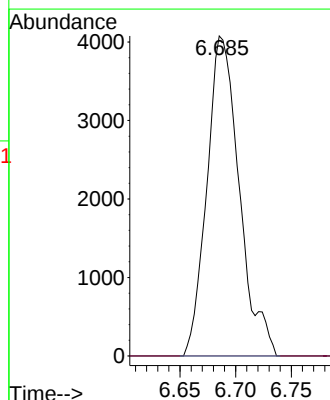
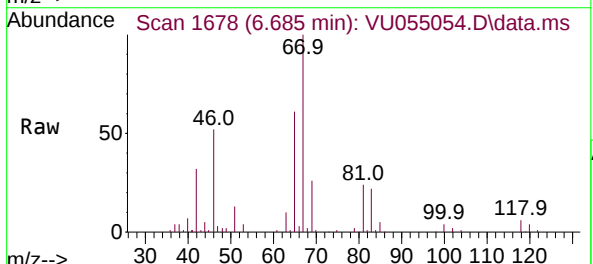
RT: 6.685 min Scan# 1678

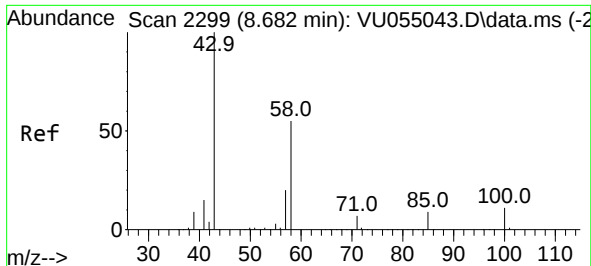
Delta R.T. -0.103 min

Lab File: VU055054.D

Acq: 01 Sep 2023 20:50

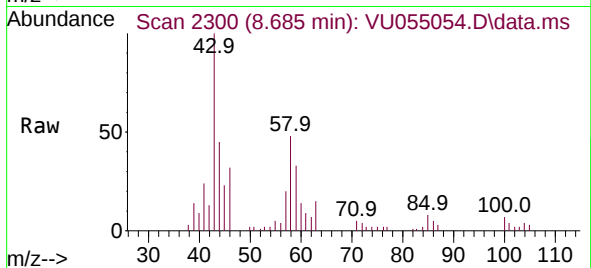
Tgt Ion:	63	Resp:	8238
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.2	4.8#



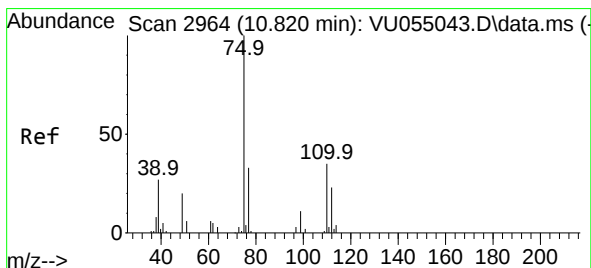
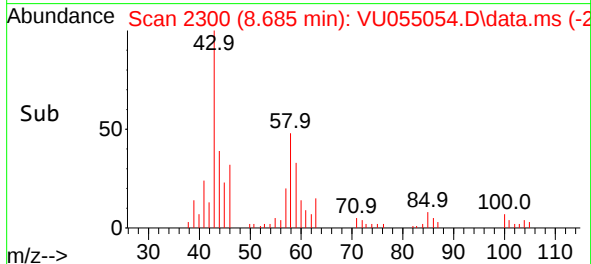
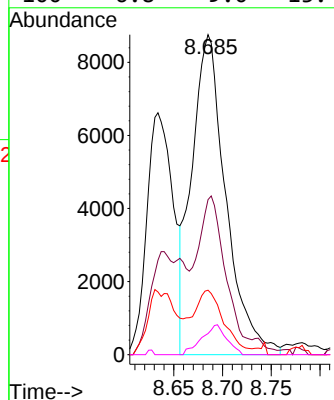


#48
2-Hexanone
Concen: 4.321 ug/L
RT: 8.685 min Scan# 21264
Delta R.T. 0.003 min
Lab File: VU055054.D
Acq: 01 Sep 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	21264
Ion Ratio	100	Lower	Upper
43	100		
58	35.8	44.0	66.0#
57	16.9	16.2	24.2
100	6.8	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 2.092 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.993 min
Lab File: VU055054.D
Acq: 01 Sep 2023 20:50

Tgt Ion:	75	Resp:	13675
Ion Ratio	100	Lower	Upper
75	100		
110	3.8	28.2	42.2#
77	32.5	26.2	39.4

