

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055510.D
 Acq On : 26 Sep 2023 12:11
 Operator : MD/SY
 Sample : 04579-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:47:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

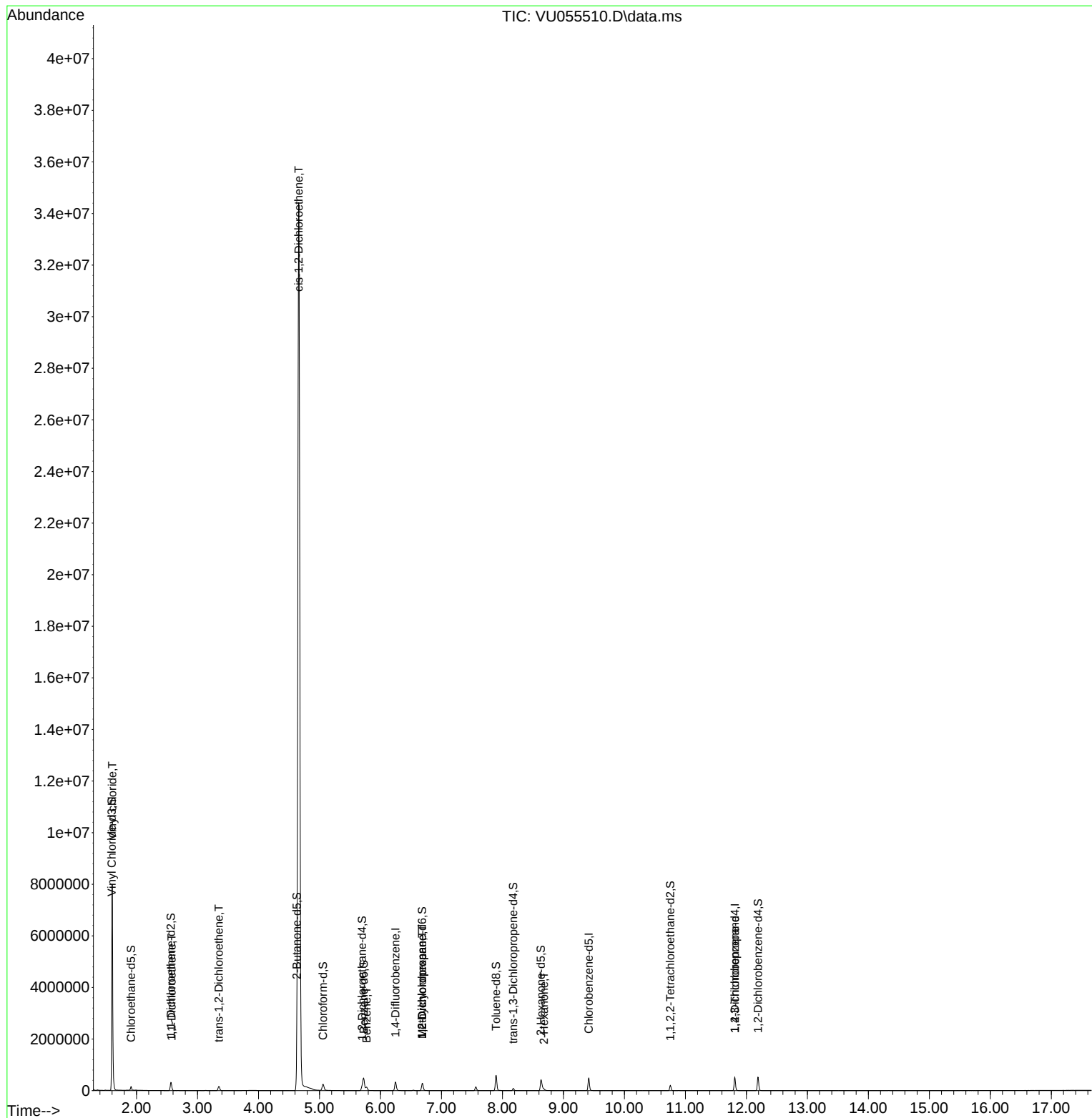
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	283245	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	283298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	140058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	178666	6.241	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	124.800%	
7) Chloroethane-d5	1.911	69	100696	3.991	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.563	65	54665	4.639	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	4.628	46	242982	46.992	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.980%	
24) Chloroform-d	5.058	84	234938	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.698	65	110768	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.724	84	480268	4.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.685	67	146964	4.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.894	98	415319	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	8.177	79	51521	4.959	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.200%	
46) 2-Hexanone-d5	8.631	63	140701	44.521	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.040%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105070	4.735	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	141718	5.013	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
5) Vinyl chloride	1.602	62	5598272	213.902	ug/L	100
12) 1,1-Dichloroethene	2.576	96	18222	0.920	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	72926	3.653	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	19166516	828.210	ug/L	86
33) Benzene	5.772	78	133471	1.637	ug/L	100
35) Methylcyclohexane	6.685	83	34700	1.044	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	15677	0.735	ug/L #	90
48) 2-Hexanone	8.682	43	25860	3.449	ug/L	93
61) 1,2,3-Trichloropropane	11.810	75	15785	1.444	ug/L #	63

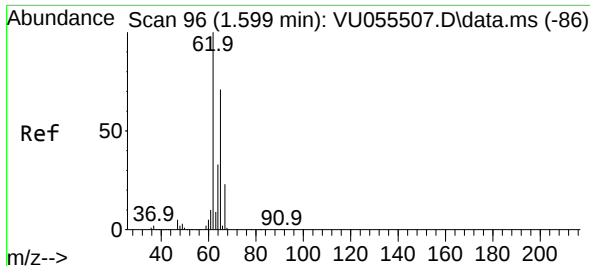
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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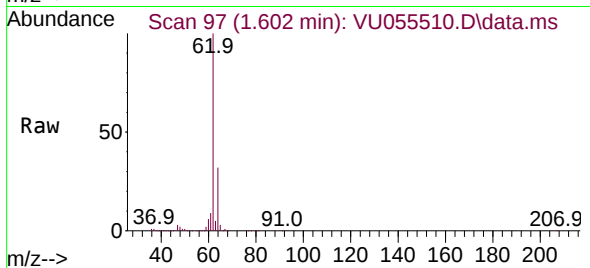
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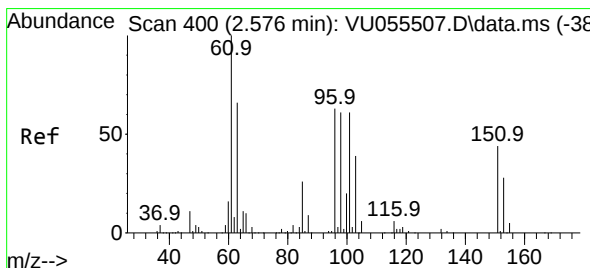
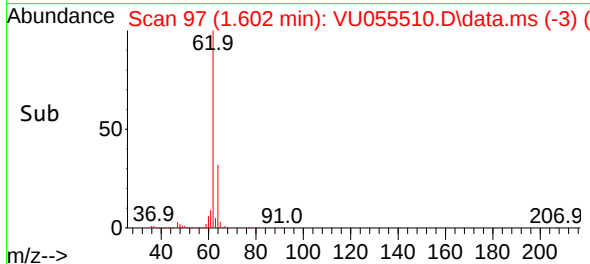
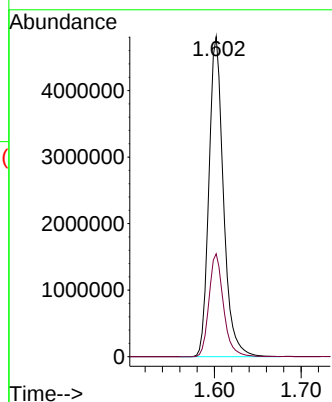


#5
 Vinyl chloride
 Concen: 213.902 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055510.D
 Acq: 26 Sep 2023 12:11

Instrument :
 MSVOA_U
 ClientSampleId :

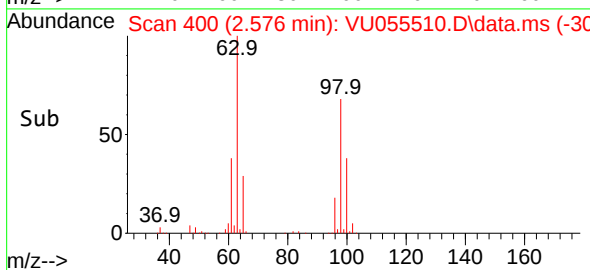
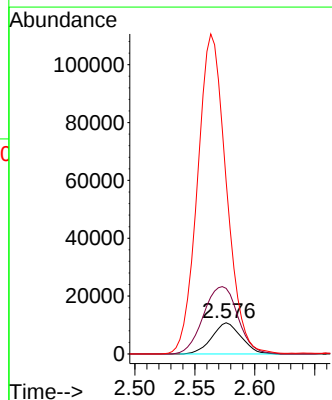
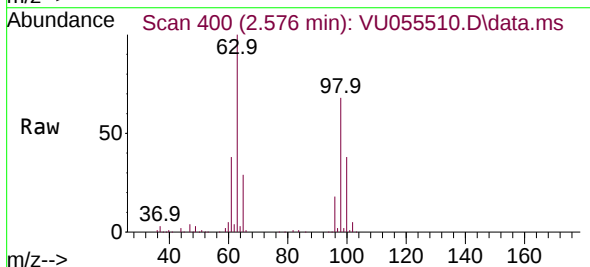


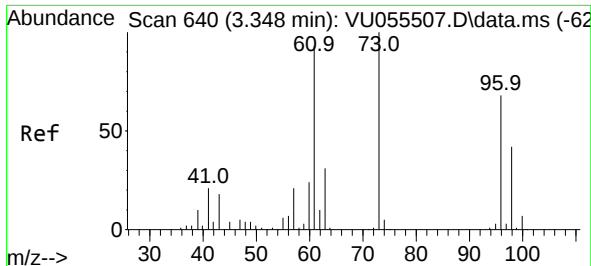
Tgt Ion: 62 Resp: 5598272
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.920 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055510.D
 Acq: 26 Sep 2023 12:11

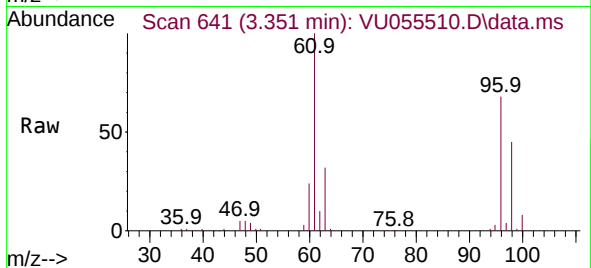
Tgt Ion: 96 Resp: 18222
 Ion Ratio Lower Upper
 96 100
 61 210.5 114.5 212.7
 63 554.3 98.3 182.5#





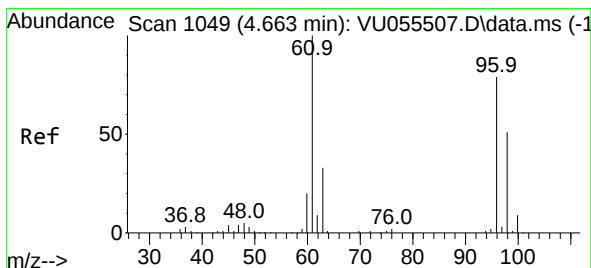
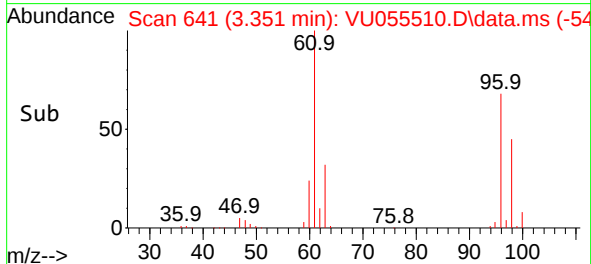
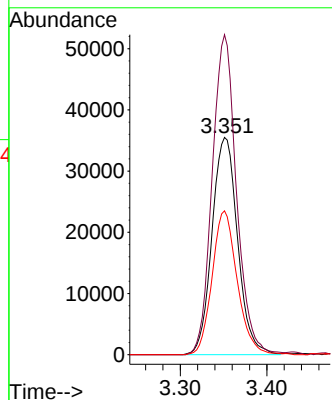
#18
trans-1,2-Dichloroethene
Concen: 3.653 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 72926

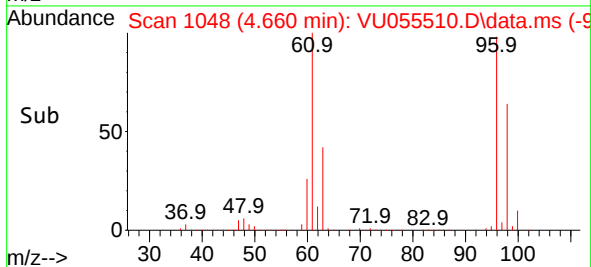
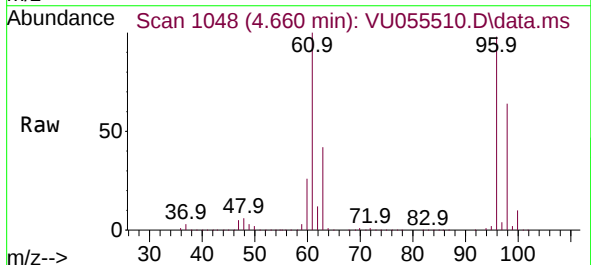
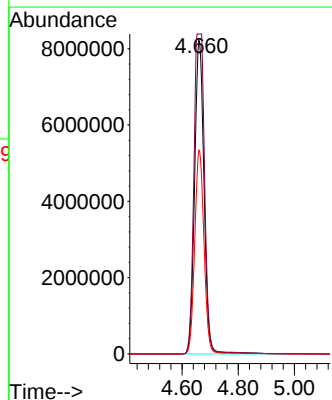
Ion	Ratio	Lower	Upper
96	100		
61	147.3	94.6	175.6
98	66.2	45.7	84.9

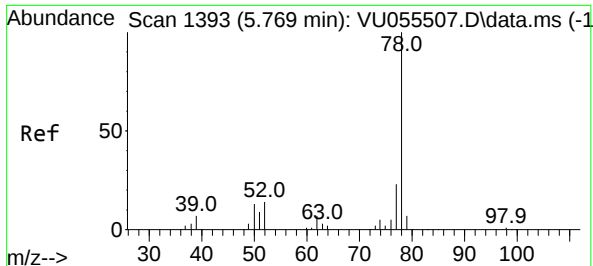


#22
cis-1,2-Dichloroethene
Concen: 828.210 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.004 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

Tgt Ion: 96 Resp:19166516

Ion	Ratio	Lower	Upper
96	100		
61	102.1	87.8	163.2
98	65.0	44.4	82.4

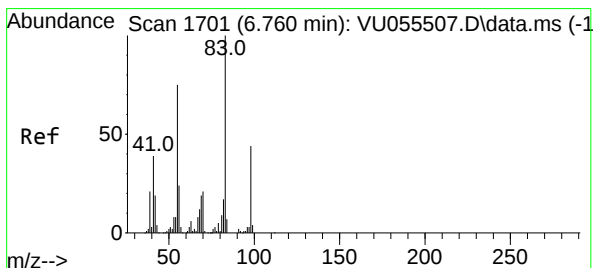
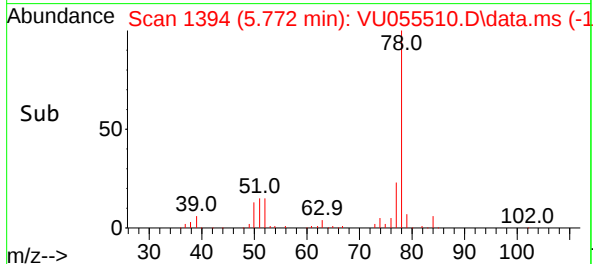
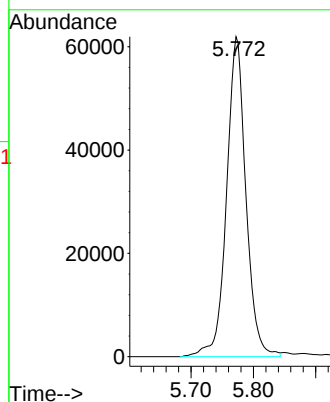
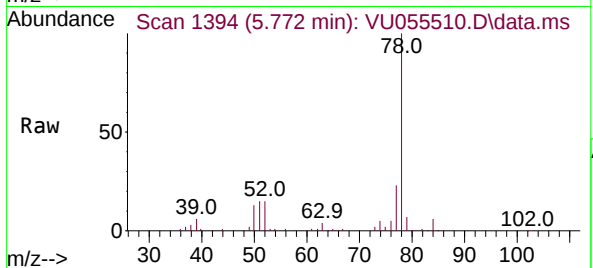




#33
Benzene
Concen: 1.637 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

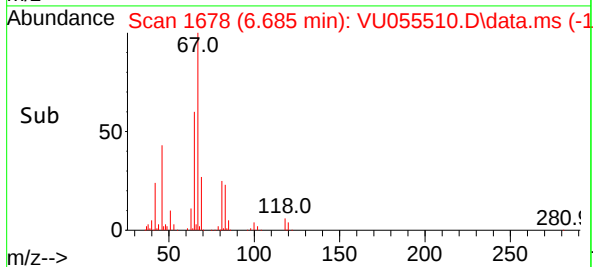
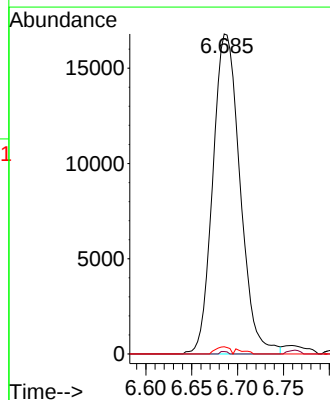
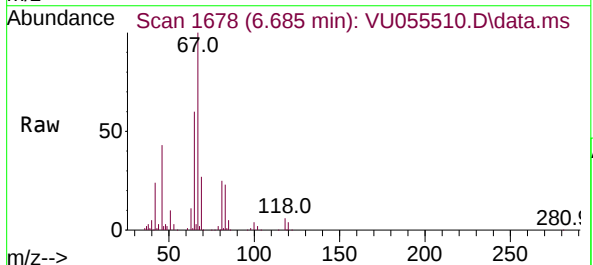
Instrument :
MSVOA_U
ClientSampleId :

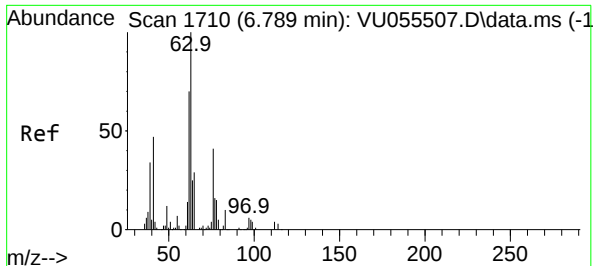
Tgt Ion: 78 Resp: 133471



#35
Methylcyclohexane
Concen: 1.044 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

Tgt Ion: 83 Resp: 34700
Ion Ratio Lower Upper
83 100
55 0.2 59.1 88.7#
98 1.1 36.3 54.5#

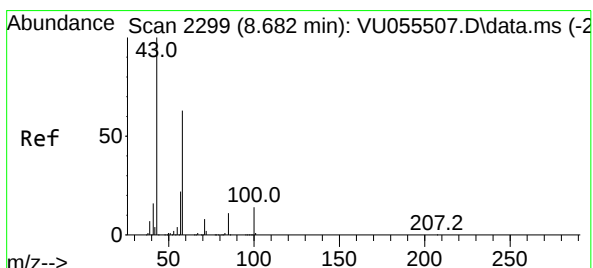
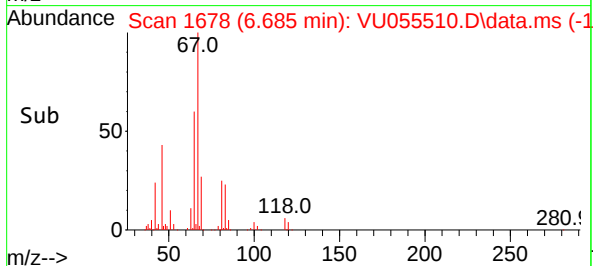
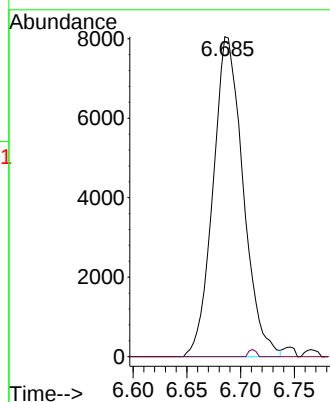
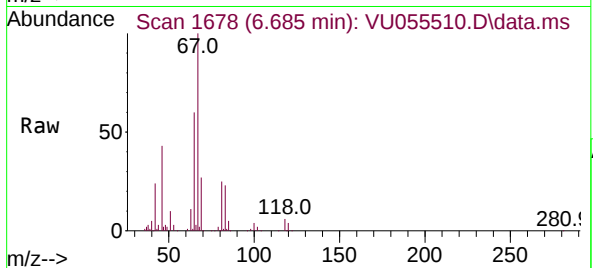




#37
1,2-Dichloropropane
Concen: 0.735 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

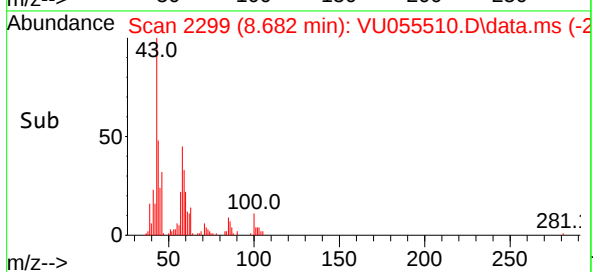
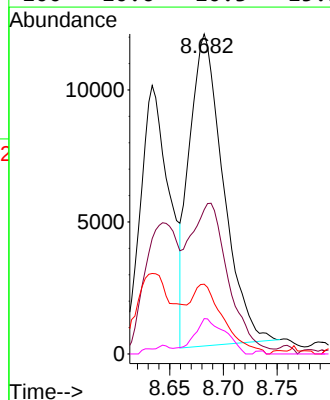
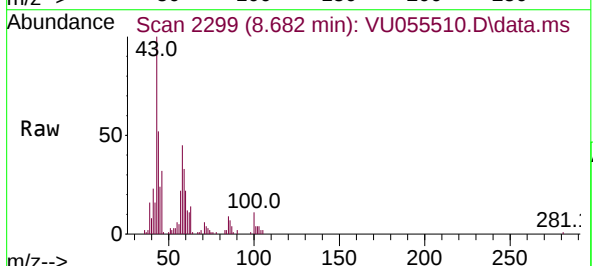
Instrument :
MSVOA_U
ClientSampleId :

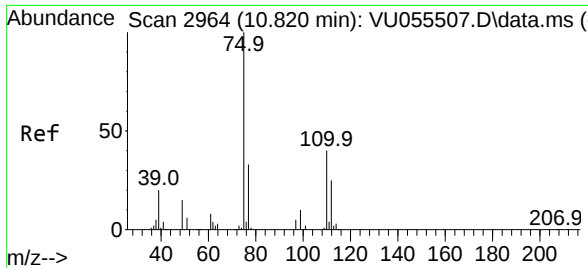
Tgt Ion: 63 Resp: 15677
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.6#



#48
2-Hexanone
Concen: 3.449 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

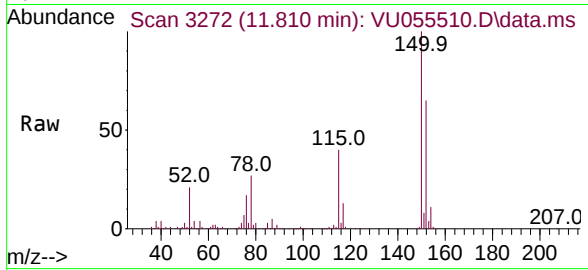
Tgt Ion: 43 Resp: 25860
Ion Ratio Lower Upper
43 100
58 53.9 48.5 72.7
57 21.0 17.0 25.4
100 10.6 10.3 15.5





#61
 1,2,3-Trichloropropane
 Concen: 1.444 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055510.D
 Acq: 26 Sep 2023 12:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.9	30.6	45.8#
77	39.5	26.7	40.1

