

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055471.D
 Acq On : 22 Sep 2023 19:52
 Operator : MD/SY
 Sample : 04579-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:13:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

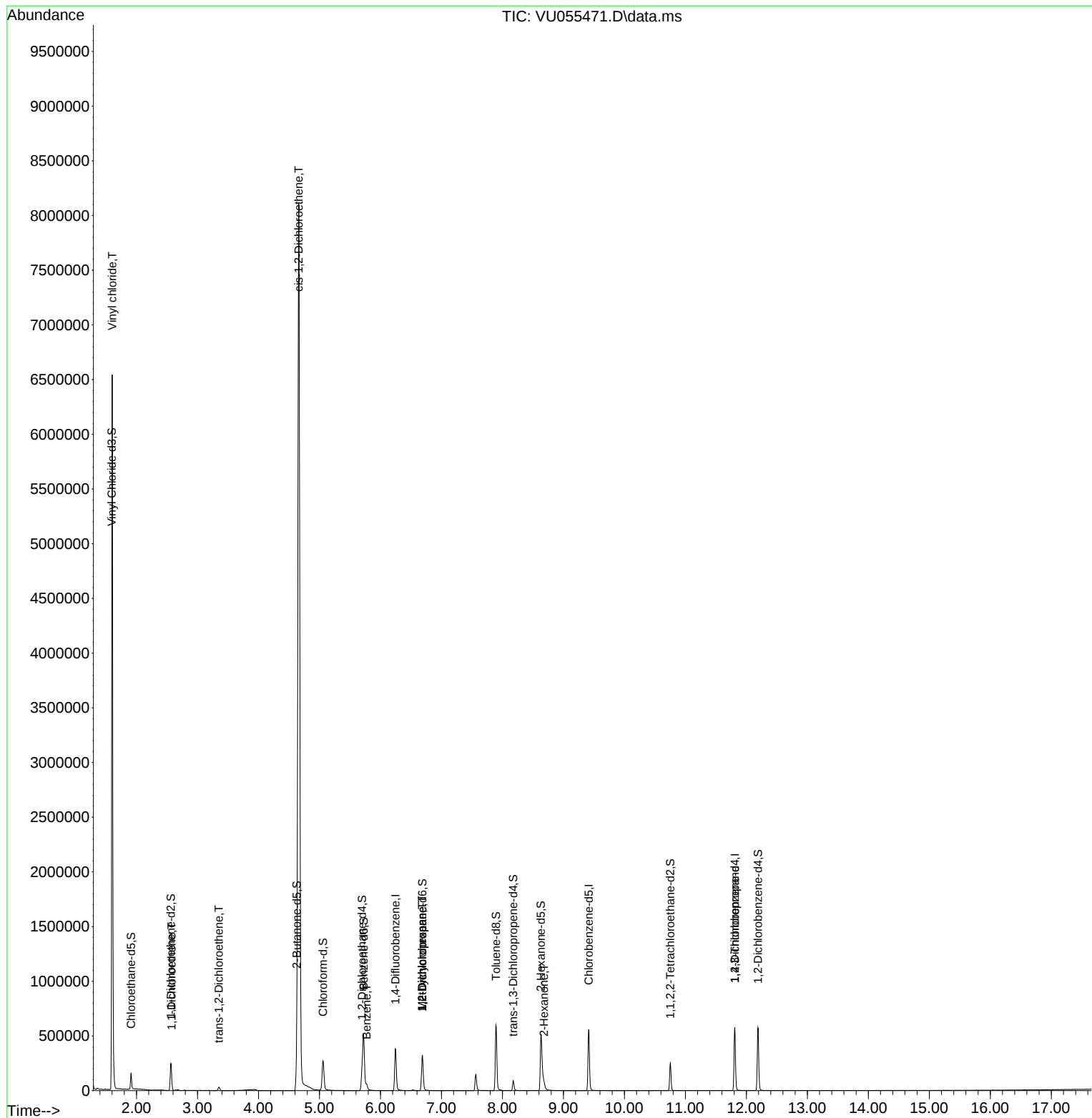
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	311558	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	318860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	153235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	139339	4.425	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.911	69	102773	3.704	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.000%	
11) 1,1-Dichloroethene-d2	2.563	65	45804	3.534	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	4.628	46	306919	53.963	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.920%	
24) Chloroform-d	5.058	84	254413	4.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.698	65	133585	4.876	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.724	84	493059	4.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	6.689	67	157425	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.894	98	413648	4.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	8.177	79	52363	4.478	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.631	63	160477	45.115	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.220%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	124557	4.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	153466	4.962	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	4486110	155.831	ug/L	99
12) 1,1-Dichloroethene	2.576	96	4214	0.193	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	14269	0.650	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	4308761	169.267	ug/L	99
33) Benzene	5.772	78	52363	0.571	ug/L	100
35) Methylcyclohexane	6.685	83	36375	0.973	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	17441	0.727	ug/L #	89
48) 2-Hexanone	8.682	43	40731	4.827	ug/L #	86
61) 1,2,3-Trichloropropane	11.810	75	18790	1.571	ug/L #	64

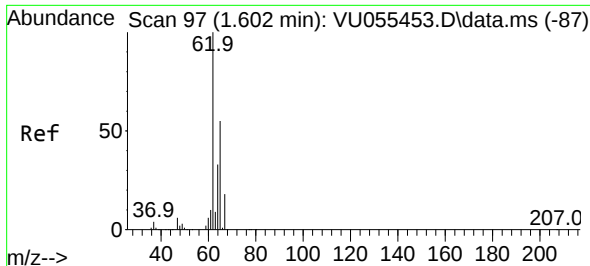
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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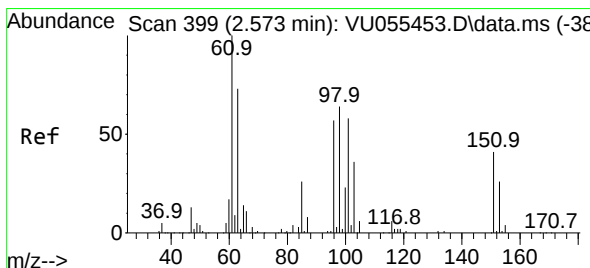
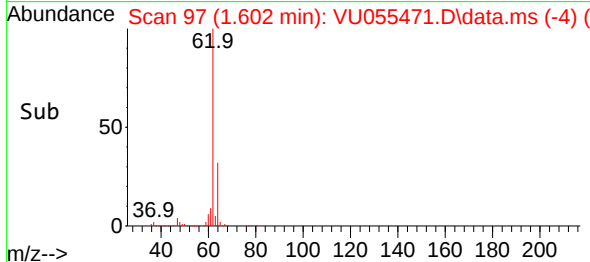
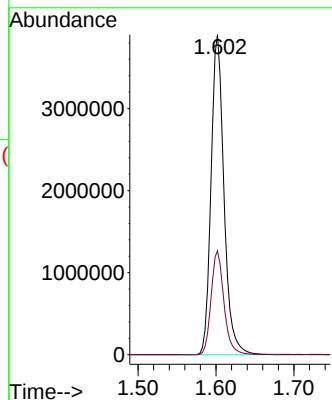
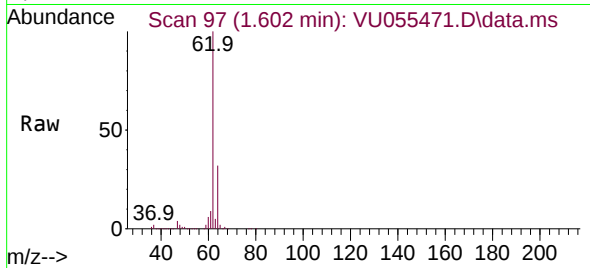




#5
 Vinyl chloride
 Concen: 155.831 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055471.D
 Acq: 22 Sep 2023 19:52

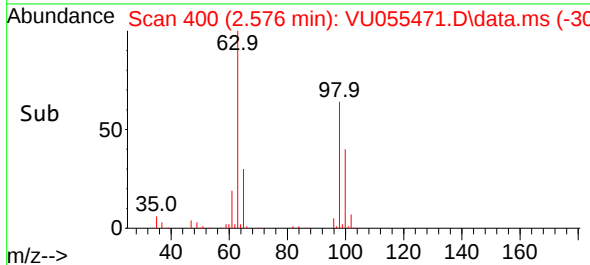
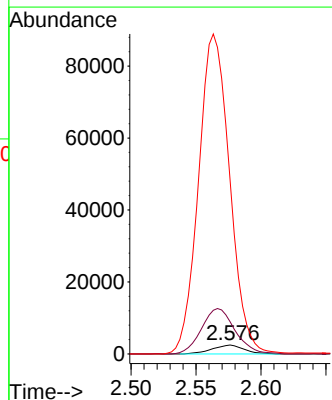
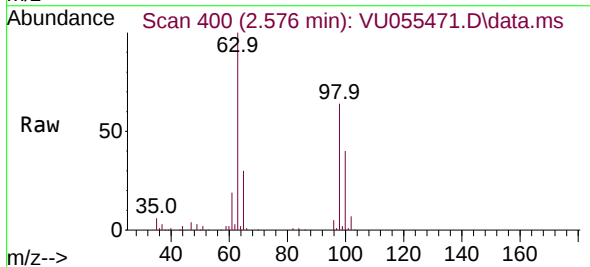
Instrument :
 MSVOA_U
 ClientSampleId :

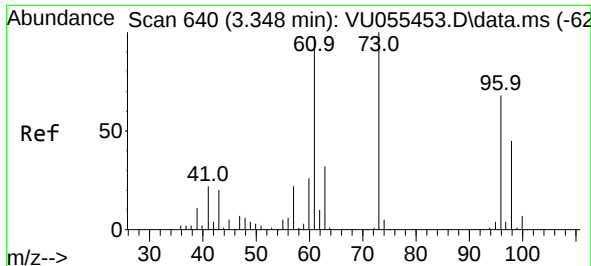
Tgt Ion: 62 Resp: 4486110
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU055471.D
 Acq: 22 Sep 2023 19:52

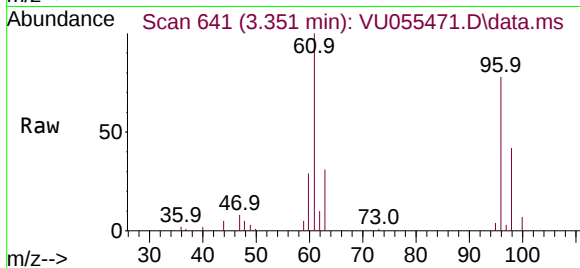
Tgt Ion: 96 Resp: 4214
 Ion Ratio Lower Upper
 96 100
 61 358.5 114.5 212.7#
 63 1932.8 98.3 182.5#



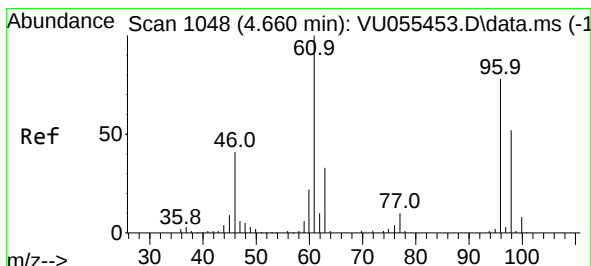
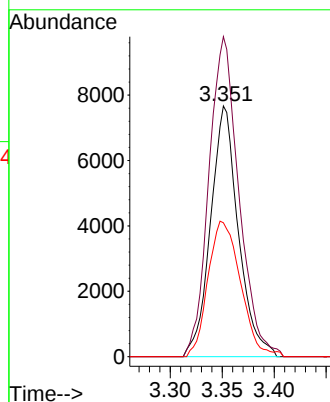
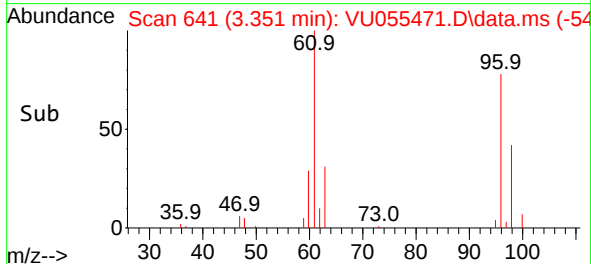


#18
 trans-1,2-Dichloroethene
 Concen: 0.650 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU055471.D
 Acq: 22 Sep 2023 19:52

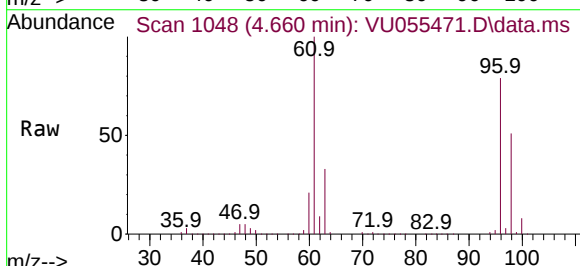
Instrument :
 MSVOA_U
 ClientSampleId :



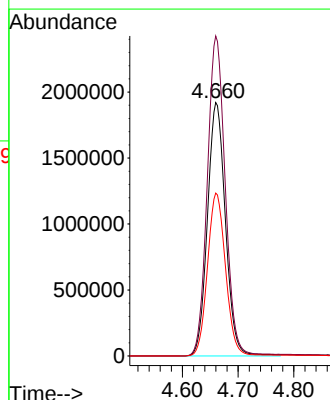
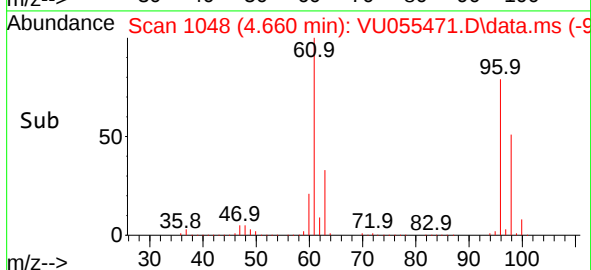
Tgt Ion: 96 Resp: 14269
 Ion Ratio Lower Upper
 96 100
 61 127.7 94.6 175.6
 98 53.4 45.7 84.9

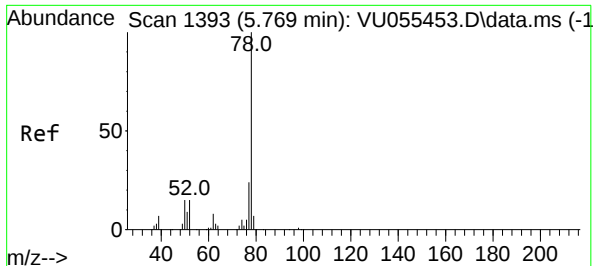


#22
 cis-1,2-Dichloroethene
 Concen: 169.267 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU055471.D
 Acq: 22 Sep 2023 19:52



Tgt Ion: 96 Resp: 4308761
 Ion Ratio Lower Upper
 96 100
 61 126.3 87.8 163.2
 98 64.3 44.4 82.4

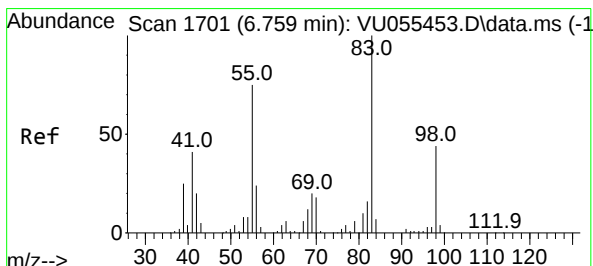
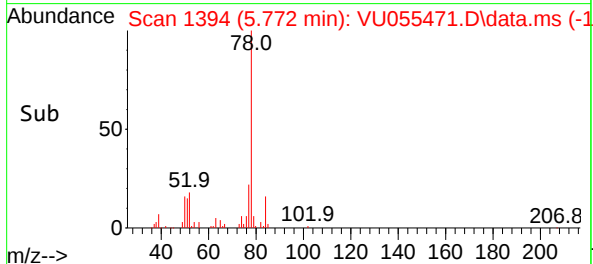
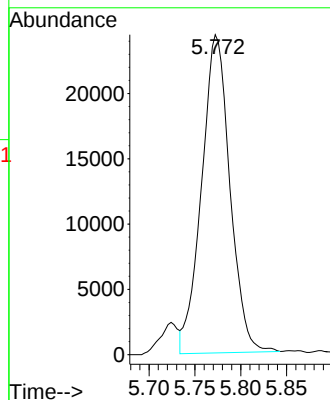
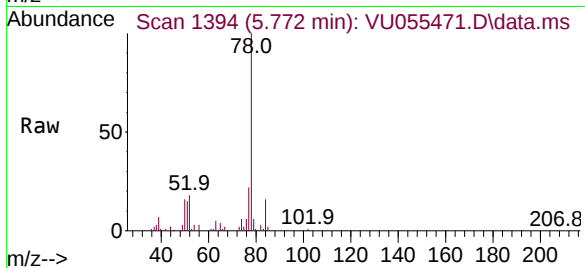




#33
Benzene
Concen: 0.571 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055471.D
Acq: 22 Sep 2023 19:52

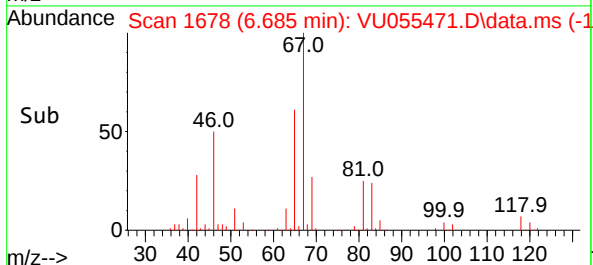
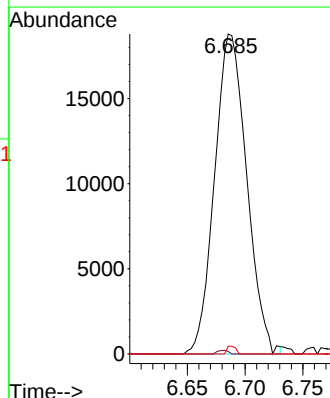
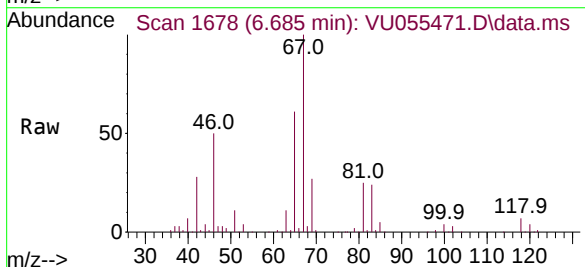
Instrument :
MSVOA_U
ClientSampleId :

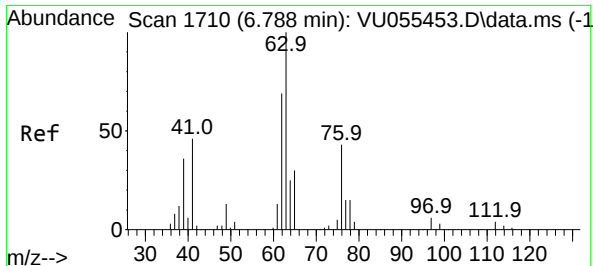
Tgt Ion: 78 Resp: 52363



#35
Methylcyclohexane
Concen: 0.973 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055471.D
Acq: 22 Sep 2023 19:52

Tgt Ion: 83 Resp: 36375
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 0.7 36.3 54.5#

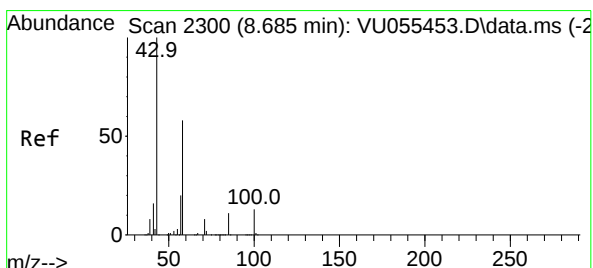
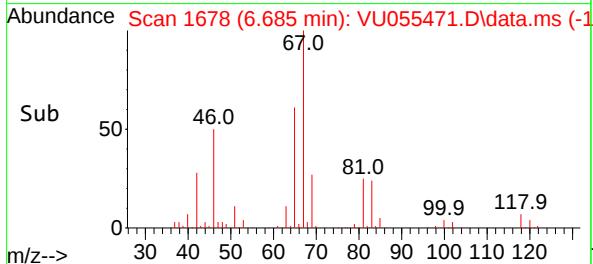
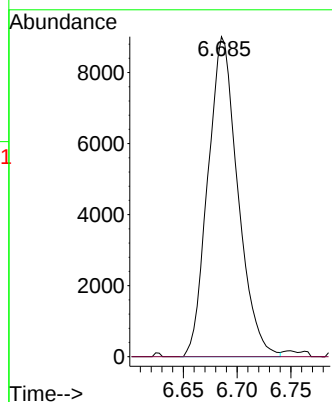
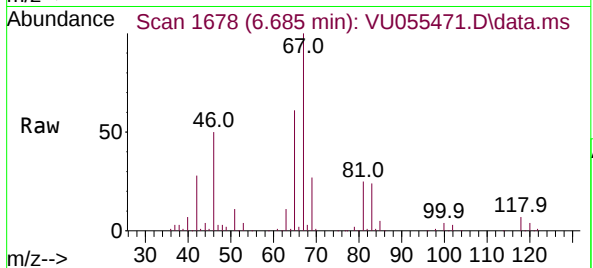




#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU055471.D
Acq: 22 Sep 2023 19:52

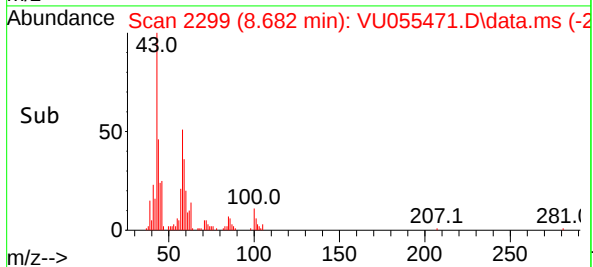
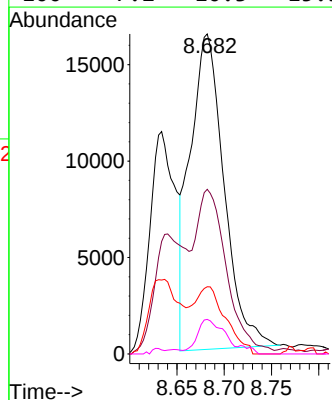
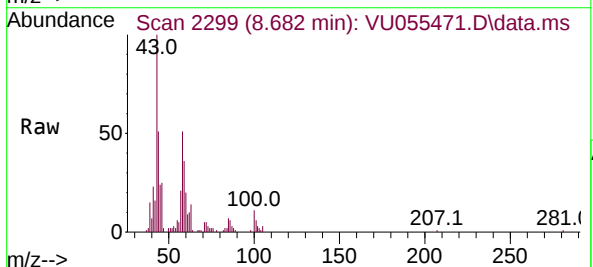
Instrument :
MSVOA_U
ClientSampleId :

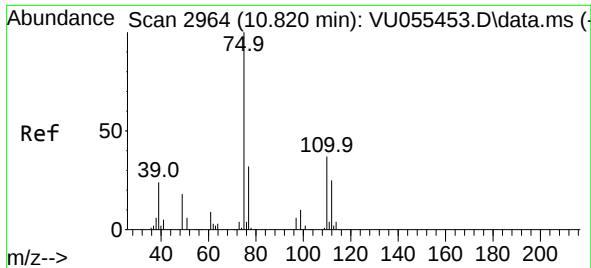
Tgt Ion: 63 Resp: 17441
Ion Ratio Lower Upper
63 100
112 0.1 3.0 4.6#



#48
2-Hexanone
Concen: 4.827 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU055471.D
Acq: 22 Sep 2023 19:52

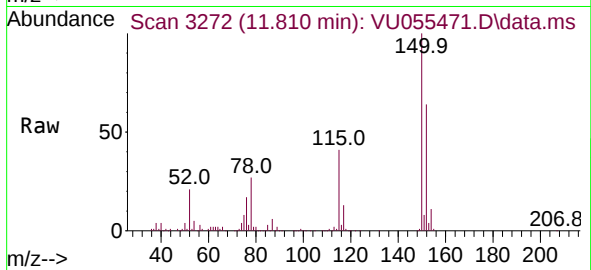
Tgt Ion: 43 Resp: 40731
Ion Ratio Lower Upper
43 100
58 46.8 48.5 72.7#
57 19.4 17.0 25.4
100 7.2 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.571 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055471.D
 Acq: 22 Sep 2023 19:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18790
 Ion Ratio Lower Upper
 75 100
 110 2.7 30.6 45.8#
 77 38.7 26.7 40.1

