

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055498.D
 Acq On : 25 Sep 2023 16:23
 Operator : MD/SY
 Sample : 04579-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:23:30 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)

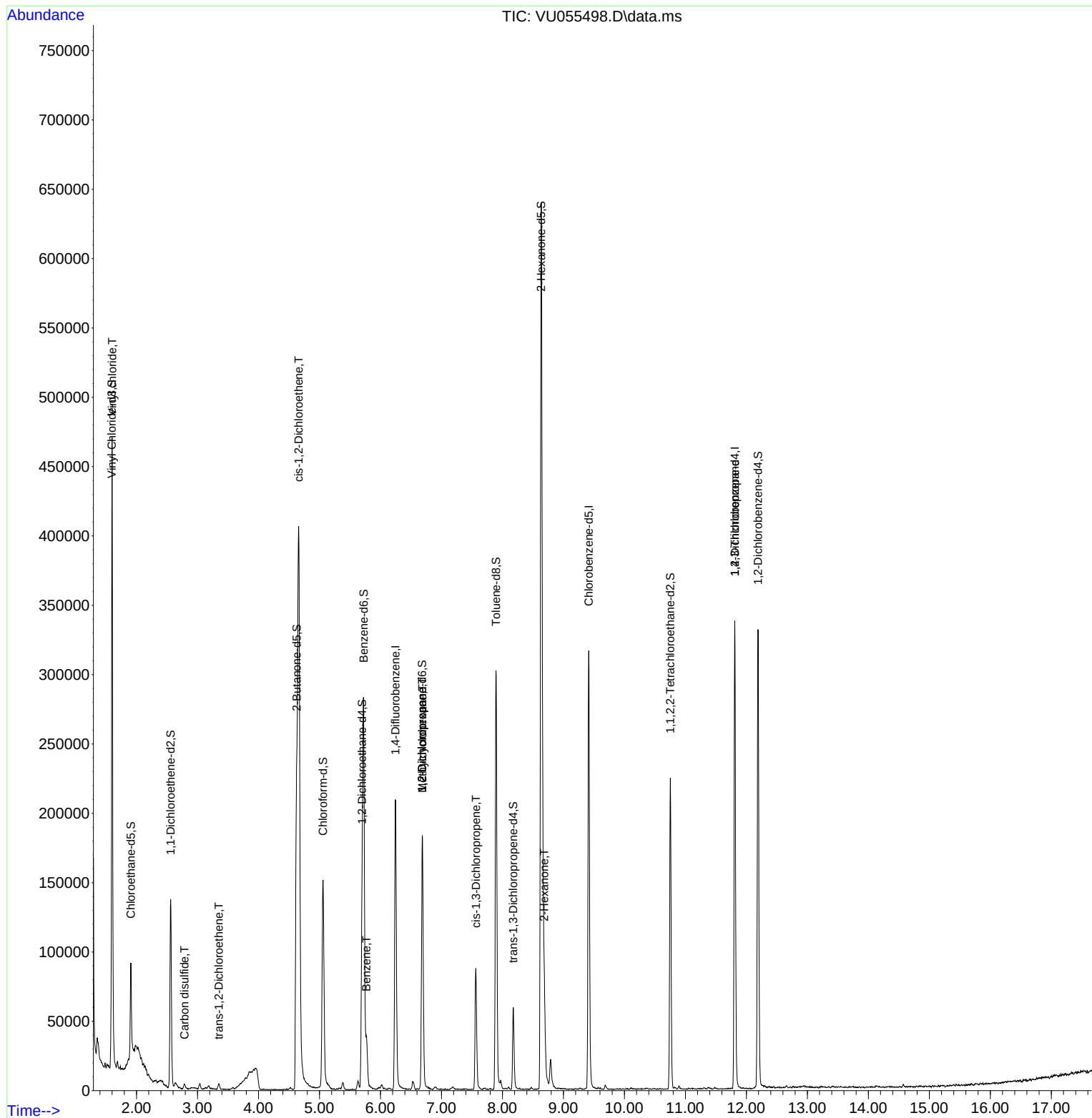
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	177405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58080	3.239	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.907	69	47342	2.996	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	60.000%#	
11) 1,1-Dichloroethene-d2	2.560	65	25577	3.466	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.400%	
20) 2-Butanone-d5	4.628	46	379521	117.187	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	234.380%#	
24) Chloroform-d	5.058	84	145096	4.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.698	65	87912	5.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.800%	
32) Benzene-d6	5.724	84	269965	4.227	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.685	67	92338	4.838	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.894	98	213230	3.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
43) trans-1,3-Dichloroprop...	8.177	79	35229	5.260	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.200%	
46) 2-Hexanone-d5	8.634	63	209751	102.965	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	205.920%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112487	7.865	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	157.200%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	89703	4.825	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	284596	17.361	ug/L	99
14) Carbon disulfide	2.785	76	5279	0.142	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	1860	0.149	ug/L #	79
22) cis-1,2-Dichloroethene	4.660	96	186226	12.848	ug/L	99
33) Benzene	5.769	78	32248	0.614	ug/L	100
35) Methylcyclohexane	6.689	83	20580	0.961	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	9843	0.716	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	2190	0.119	ug/L #	32
48) 2-Hexanone	8.685	43	41128	8.511	ug/L #	86
61) 1,2,3-Trichloropropane	11.811	75	10839	1.507	ug/L #	68

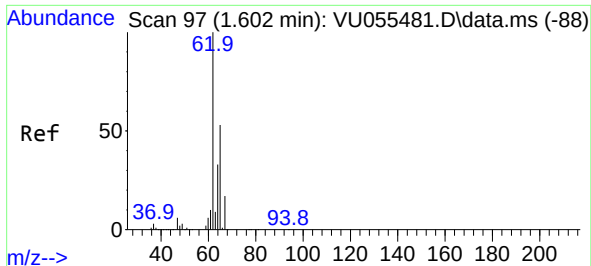
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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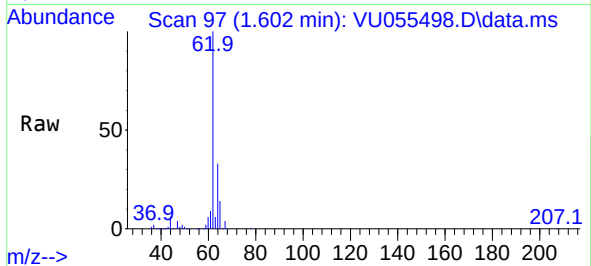
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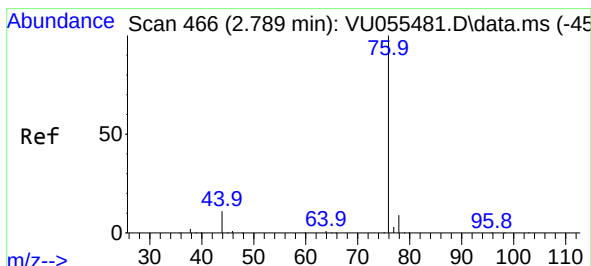
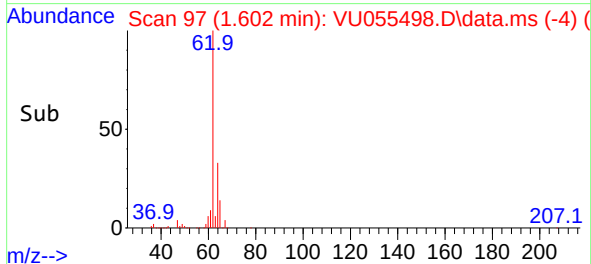
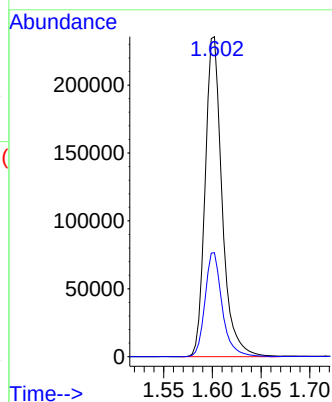


#5
 Vinyl chloride
 Concen: 17.361 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055498.D
 Acq: 25 Sep 2023 16:23

Instrument :
 MSVOA_U
 ClientSampleId :

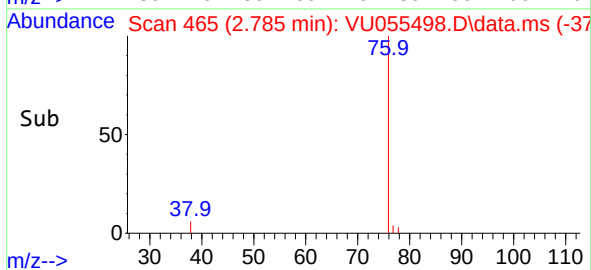
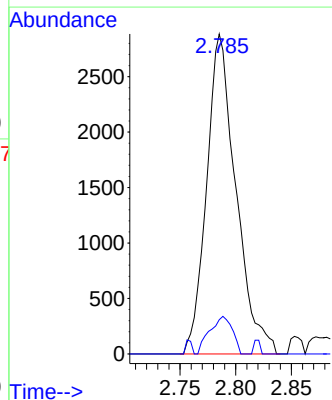
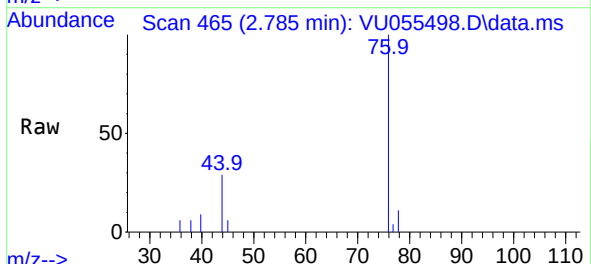


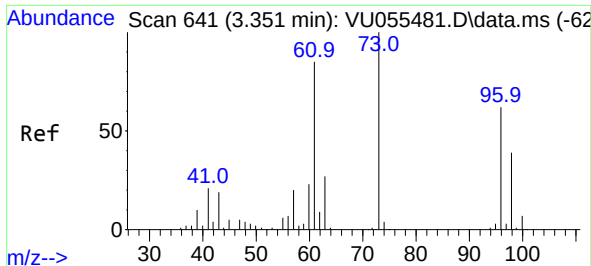
Tgt Ion: 62 Resp: 284596
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.5



#14
 Carbon disulfide
 Concen: 0.142 ug/L
 RT: 2.785 min Scan# 465
 Delta R.T. -0.003 min
 Lab File: VU055498.D
 Acq: 25 Sep 2023 16:23

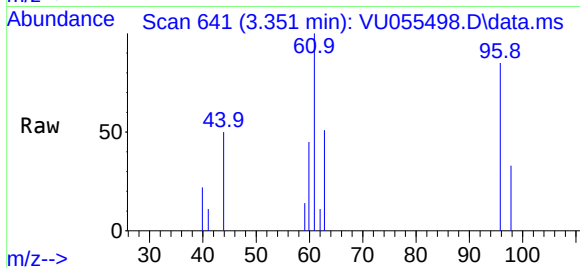
Tgt Ion: 76 Resp: 5279
 Ion Ratio Lower Upper
 76 100
 78 10.7 7.7 11.5



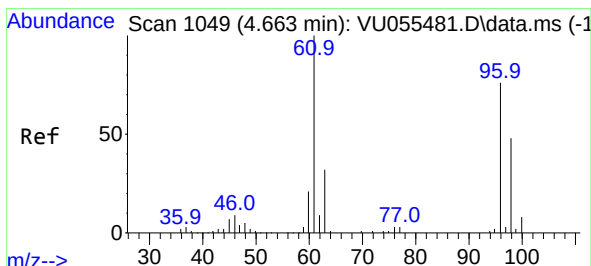
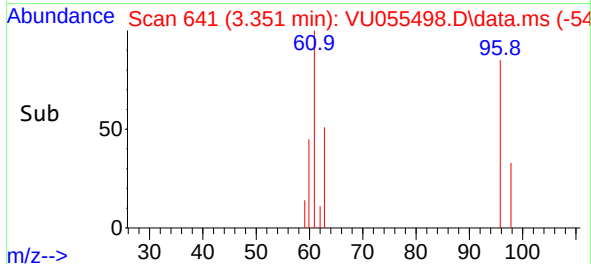
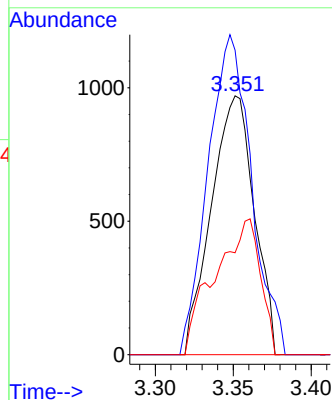


#18
trans-1,2-Dichloroethene
Concen: 0.149 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :

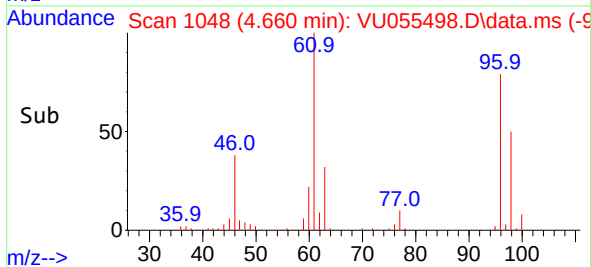
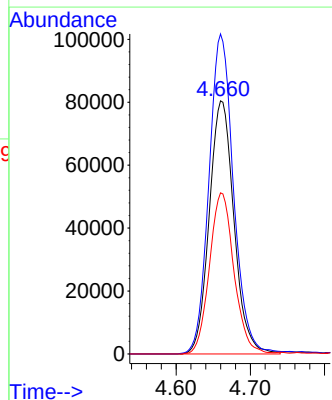
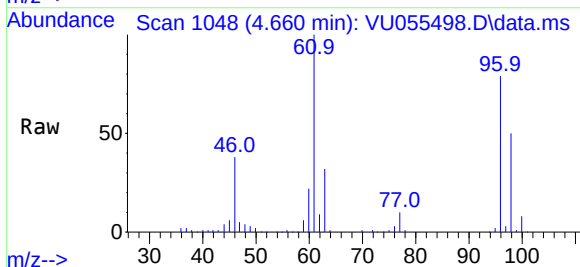


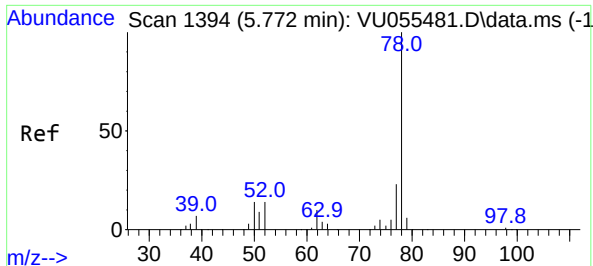
Tgt Ion: 96 Resp: 1860
Ion Ratio Lower Upper
96 100
61 117.6 94.6 175.6
98 39.4 45.7 84.9#



#22
cis-1,2-Dichloroethene
Concen: 12.848 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Tgt Ion: 96 Resp: 186226
Ion Ratio Lower Upper
96 100
61 126.4 87.8 163.2
98 63.6 44.4 82.4

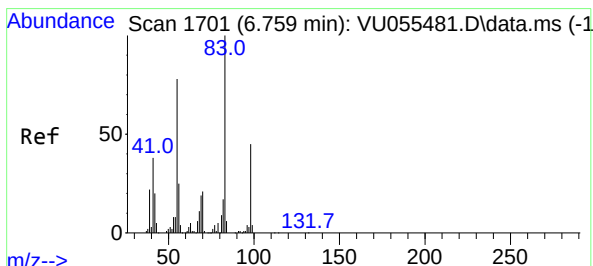
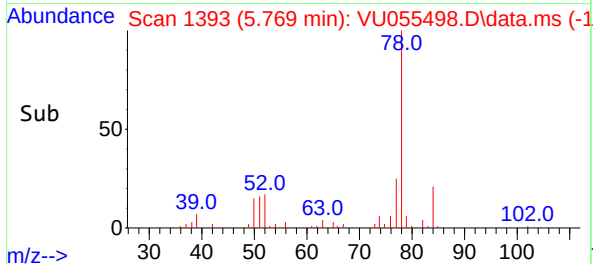
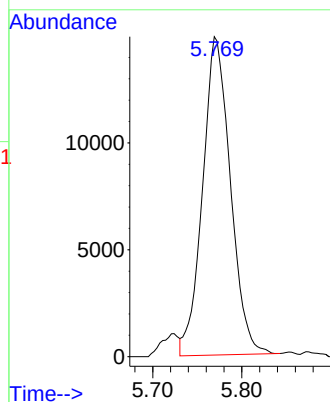
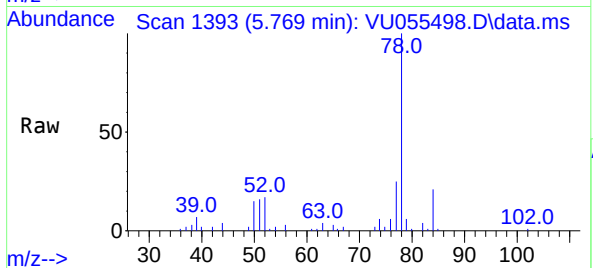




#33
Benzene
Concen: 0.614 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

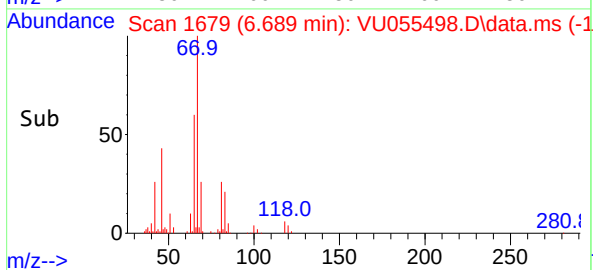
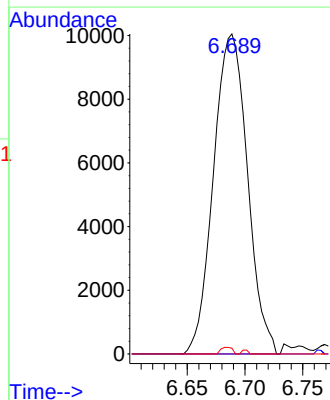
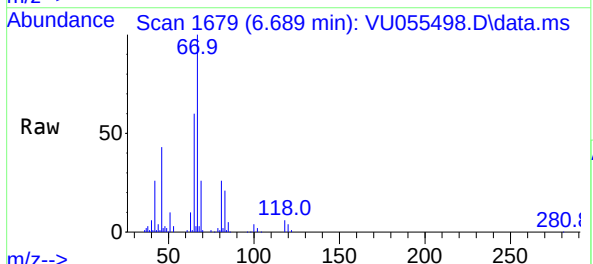
Instrument :
MSVOA_U
ClientSampleId :

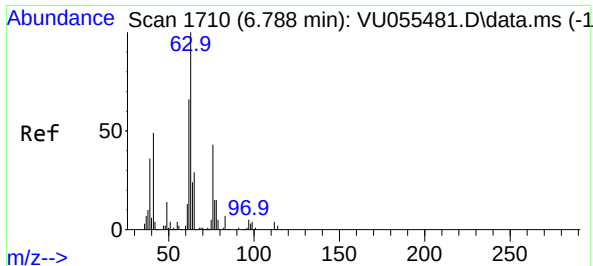
Tgt Ion: 78 Resp: 32248



#35
Methylcyclohexane
Concen: 0.961 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Tgt Ion: 83 Resp: 20580
Ion Ratio Lower Upper
83 100
55 0.0 59.1 88.7#
98 0.7 36.3 54.5#

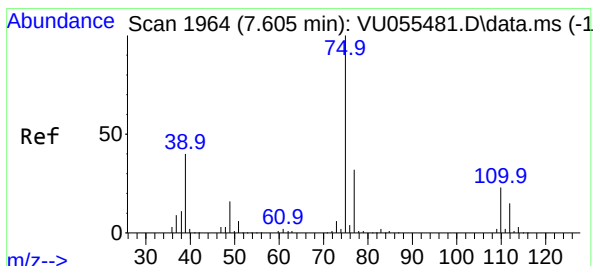
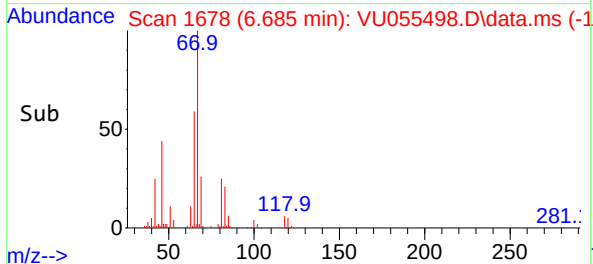
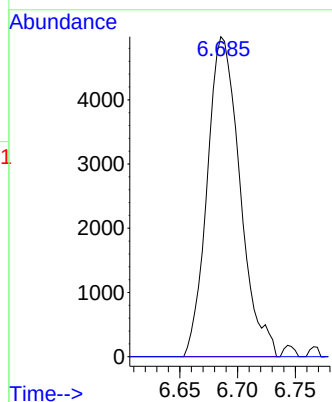
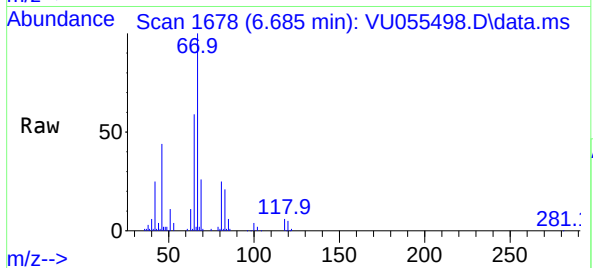




#37
1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

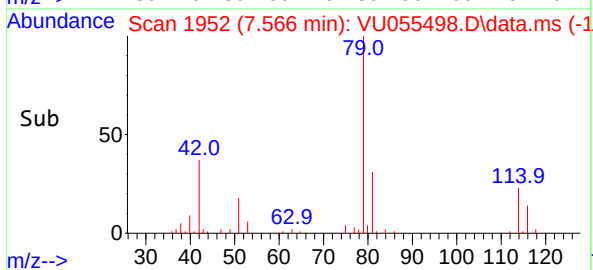
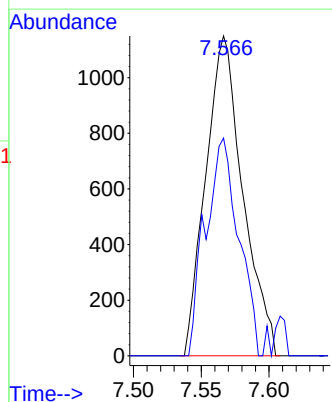
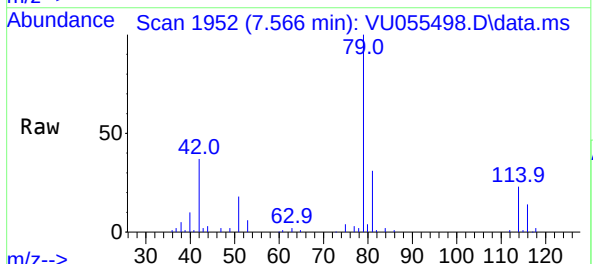
Instrument :
MSVOA_U
ClientSampleId :

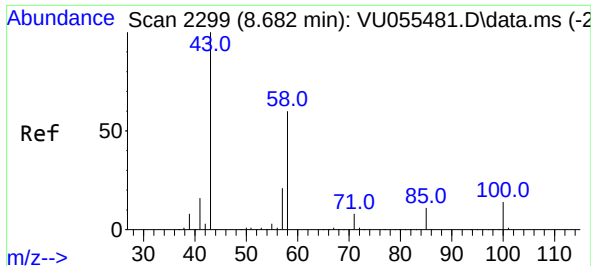
Tgt Ion: 63 Resp: 9843
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.119 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.038 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

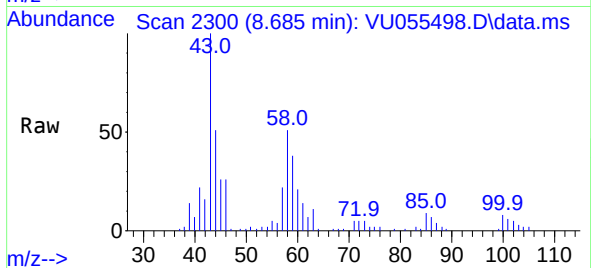
Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
77 68.1 21.6 40.2#



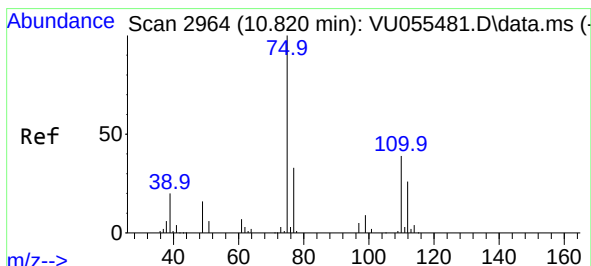
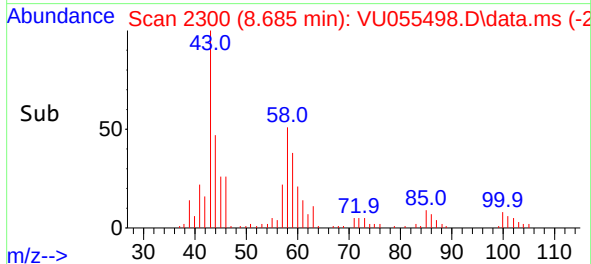
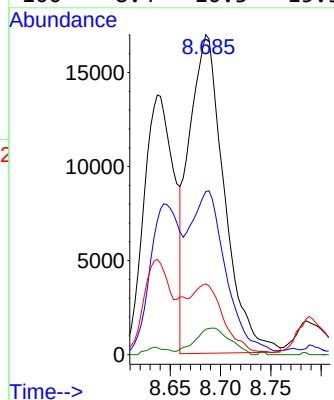


#48
2-Hexanone
Concen: 8.511 ug/L
RT: 8.685 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Instrument :
MSVOA_U
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Tgt Ion: 43 Resp: 41128
Ion Ratio Lower Upper
43 100
58 48.0 48.5 72.7#
57 18.3 17.0 25.4
100 8.4 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.507 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Tgt Ion: 75 Resp: 10839
Ion Ratio Lower Upper
75 100
110 2.9 30.6 45.8#
77 34.4 26.7 40.1

