

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055113.D
 Acq On : 05 Sep 2023 23:24
 Operator : MD/SY
 Sample : 04230-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 05:25:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

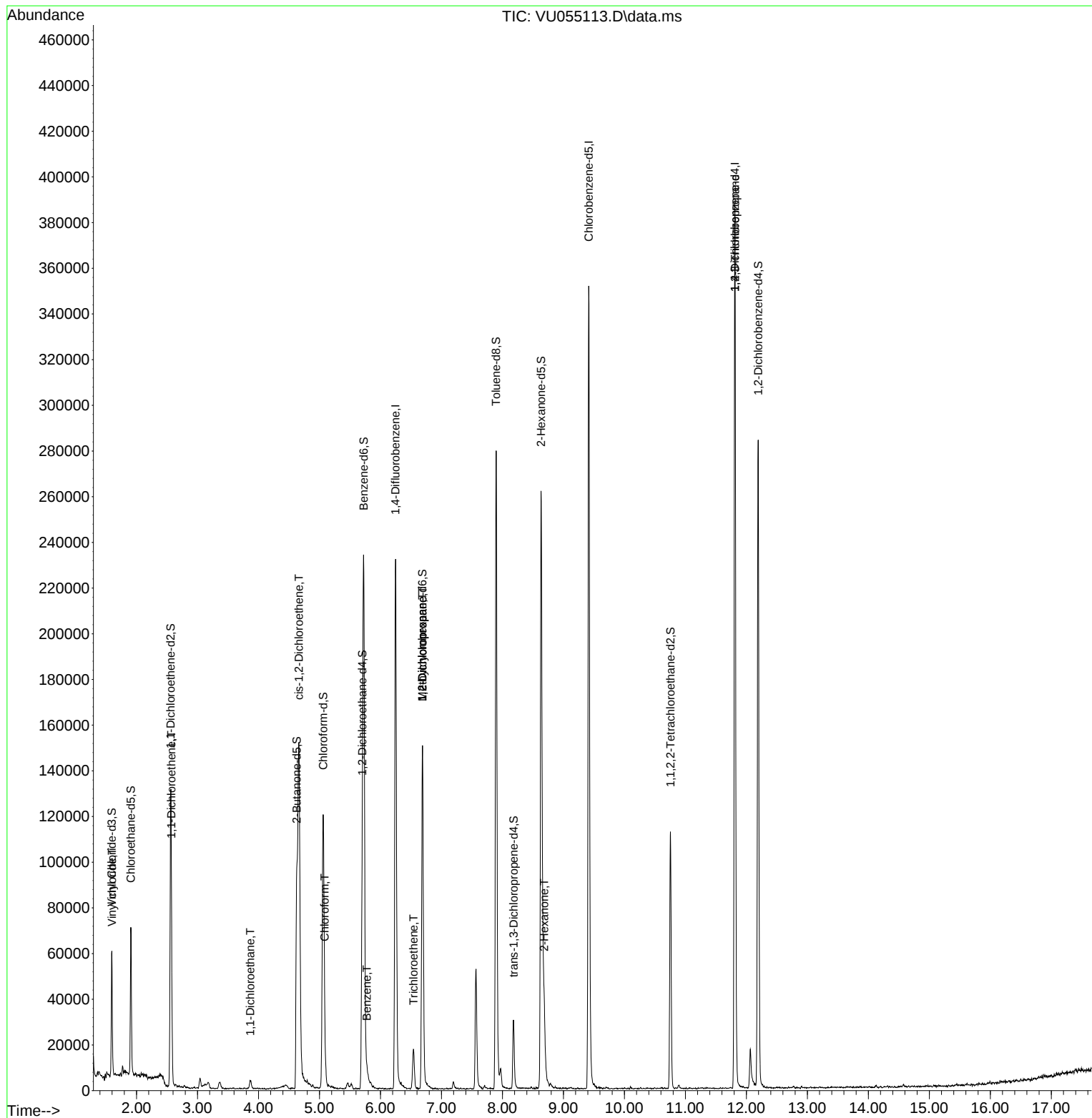
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	99139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36866	4.193	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.907	69	43752	4.299	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.560	65	23074	4.606	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.627	46	143635	56.293	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.580%	
24) Chloroform-d	5.062	84	110029	4.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.701	65	58071	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.724	84	215326	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.688	67	70073	4.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.897	98	187545	4.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	8.184	79	17599	4.292	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.634	63	82785	49.727	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.460%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54084	5.165	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	70768	4.890	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
5) Vinyl chloride	1.599	62	1539	0.131	ug/L #	37
12) 1,1-Dichloroethene	2.573	96	7745	0.893	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	4295	0.226	ug/L #	86
22) cis-1,2-Dichloroethene	4.663	96	67190	6.238	ug/L	95
25) Chloroform	5.084	83	8418	0.425	ug/L	94
33) Benzene	5.779	78	6471	0.160	ug/L	100
34) Trichloroethene	6.544	95	5253	0.468	ug/L	87
35) Methylcyclohexane	6.688	83	16090	1.022	ug/L #	19
37) 1,2-Dichloropropane	6.688	63	7600	0.692	ug/L #	88
48) 2-Hexanone	8.685	43	18606	3.789	ug/L #	92
61) 1,2,3-Trichloropropane	11.814	75	13740	2.088	ug/L #	70

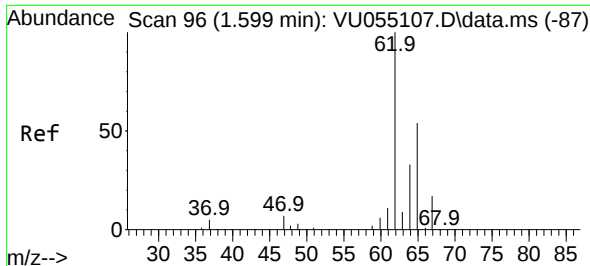
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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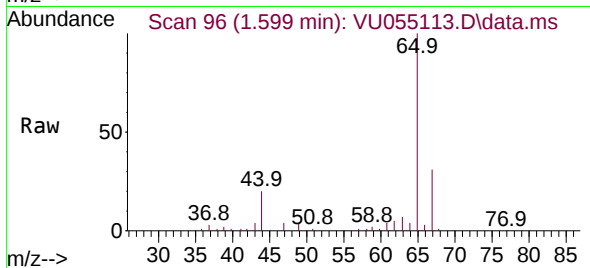
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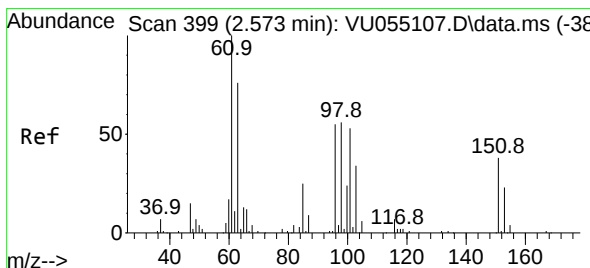
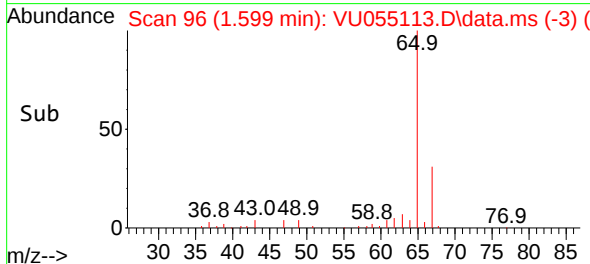
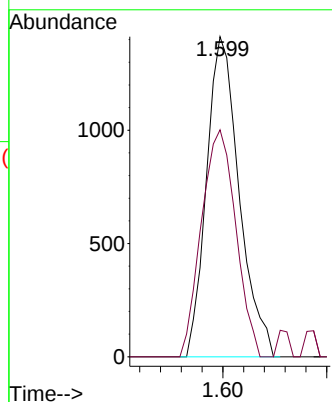


#5
 Vinyl chloride
 Concen: 0.131 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055113.D
 Acq: 05 Sep 2023 23:24

Instrument :
 MSVOA_U
 ClientSampleId :

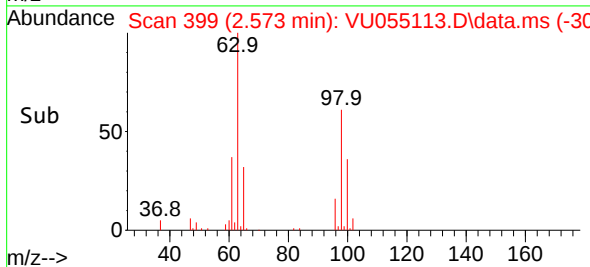
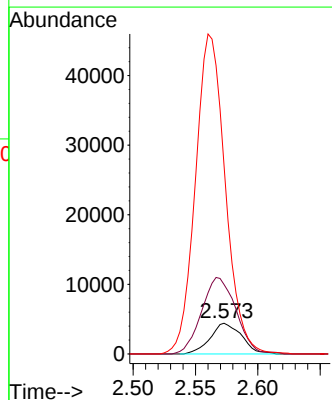
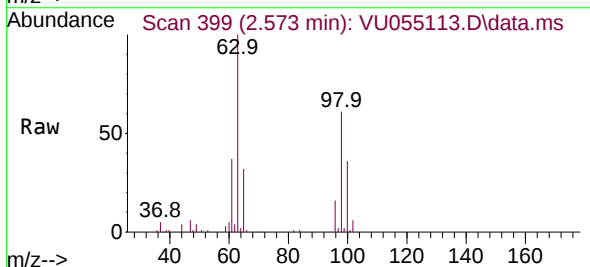


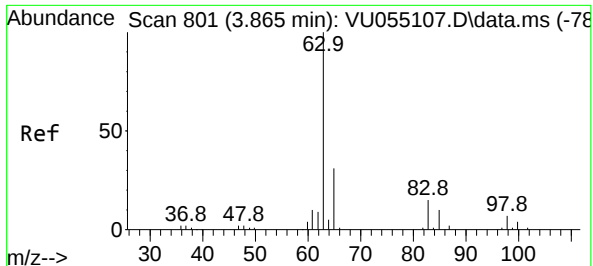
Tgt Ion: 62 Resp: 1539
 Ion Ratio Lower Upper
 62 100
 64 70.9 24.2 45.0#



#12
 1,1-Dichloroethene
 Concen: 0.893 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU055113.D
 Acq: 05 Sep 2023 23:24

Tgt Ion: 96 Resp: 7745
 Ion Ratio Lower Upper
 96 100
 61 226.0 120.8 224.4#
 63 613.1 94.5 175.5#





#19

1,1-Dichloroethane

Concen: 0.226 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055113.D

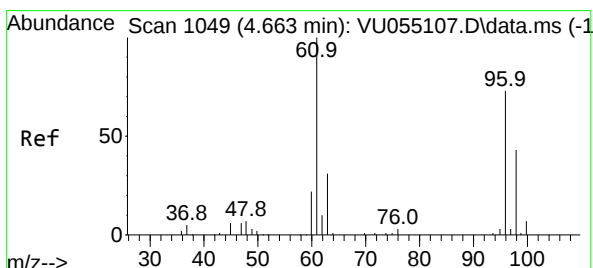
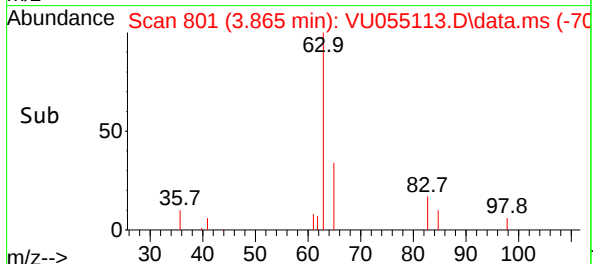
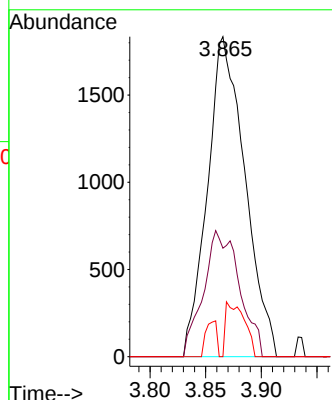
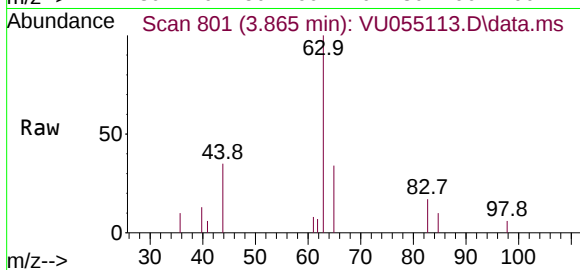
Acq: 05 Sep 2023 23:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	4295
Ion Ratio	Lower	Upper	
63	100		
65	33.9	22.2	41.2
83	0.0	10.6	19.8



#22

cis-1,2-Dichloroethene

Concen: 6.238 ug/L

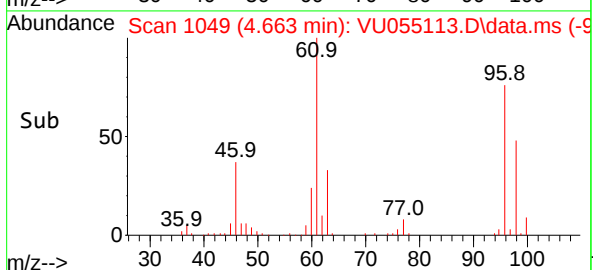
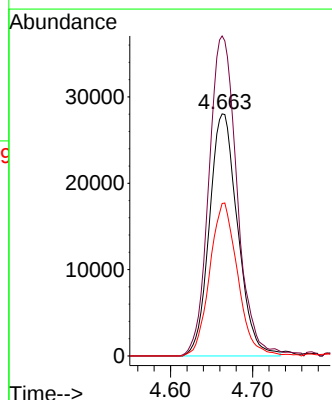
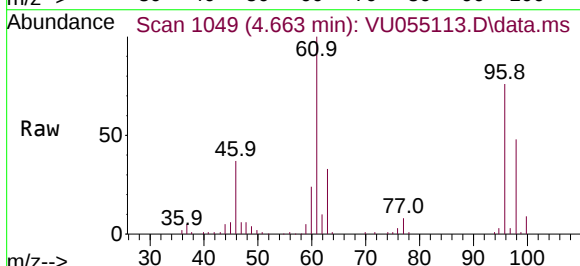
RT: 4.663 min Scan# 1049

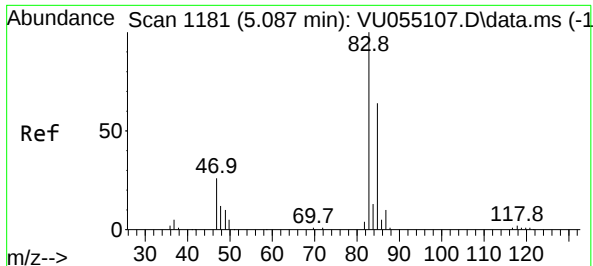
Delta R.T. 0.000 min

Lab File: VU055113.D

Acq: 05 Sep 2023 23:24

Tgt Ion:	96	Resp:	67190
Ion Ratio	Lower	Upper	
96	100		
61	132.2	97.2	180.4
98	63.0	46.1	85.7

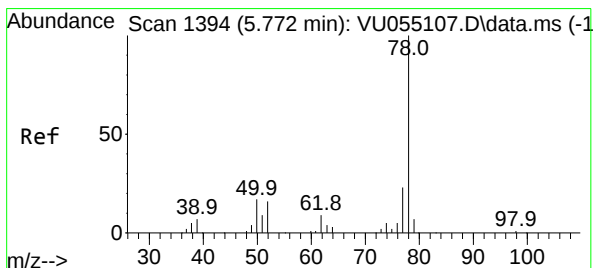
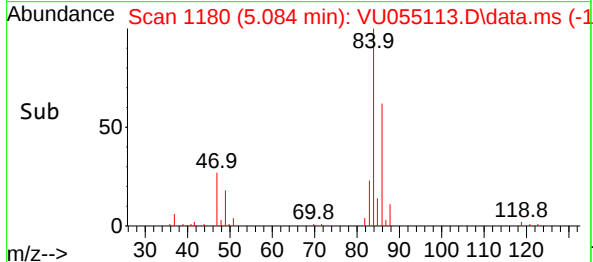
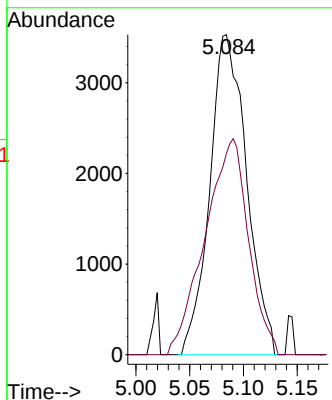
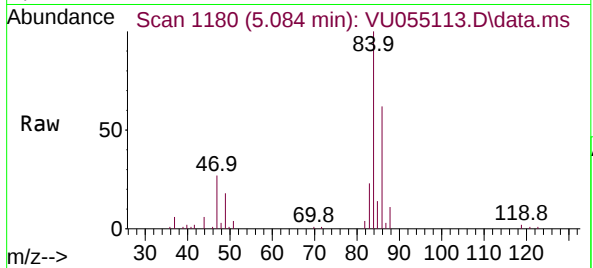




#25
Chloroform
Concen: 0.425 ug/L
RT: 5.084 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VU055113.D
Acq: 05 Sep 2023 23:24

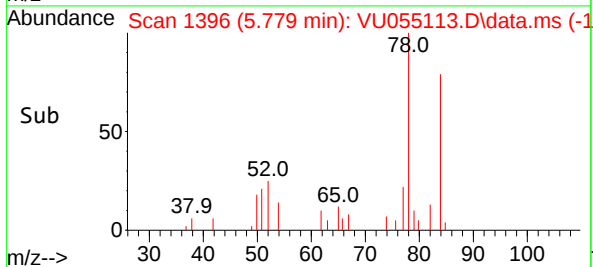
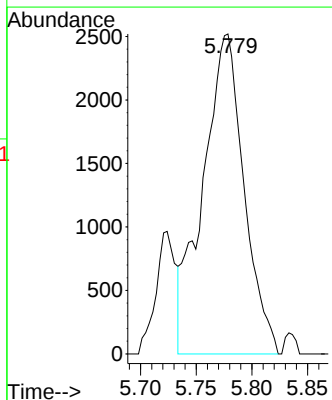
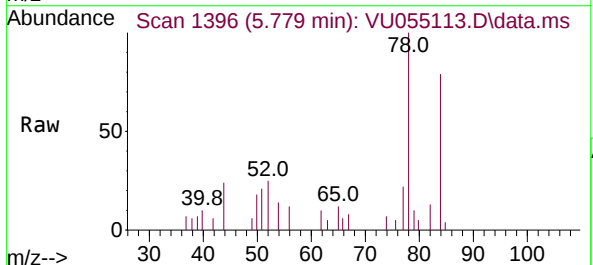
Instrument :
MSVOA_U
ClientSampleId :

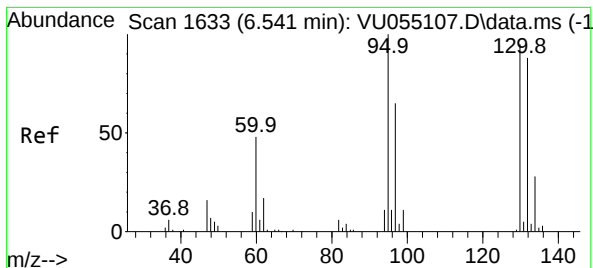
Tgt Ion: 83 Resp: 8418
Ion Ratio Lower Upper
83 100
85 62.8 47.2 87.6



#33
Benzene
Concen: 0.160 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VU055113.D
Acq: 05 Sep 2023 23:24

Tgt Ion: 78 Resp: 6471





#34

Trichloroethene

Concen: 0.468 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055113.D

Acq: 05 Sep 2023 23:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5253

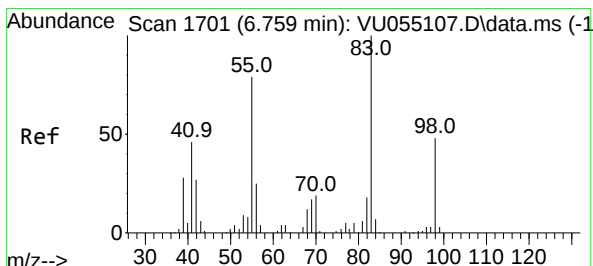
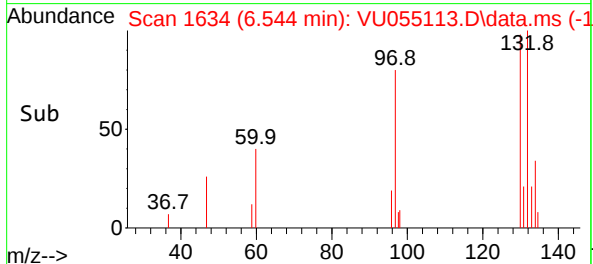
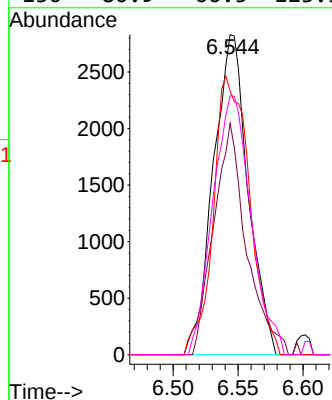
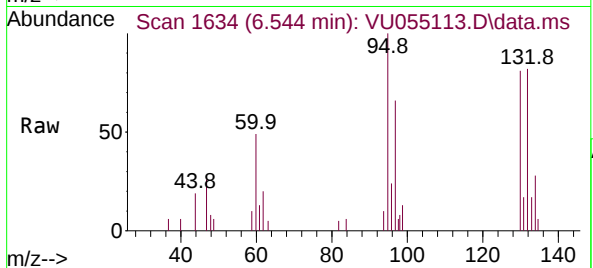
Ion Ratio Lower Upper

95 100

97 72.2 44.7 83.1

132 82.5 66.6 123.6

130 80.9 66.5 123.5



#35

Methylcyclohexane

Concen: 1.022 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055113.D

Acq: 05 Sep 2023 23:24

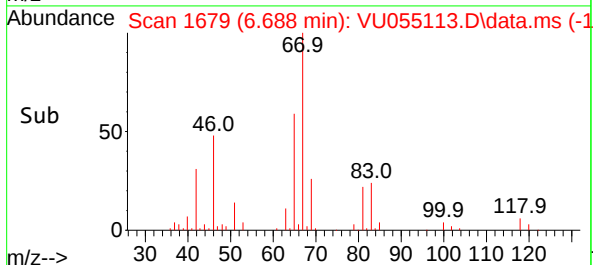
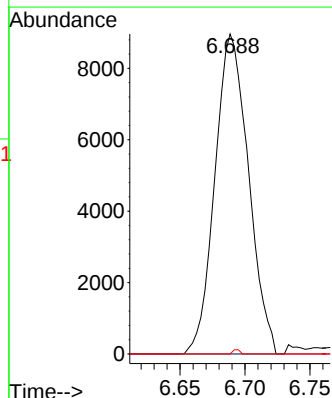
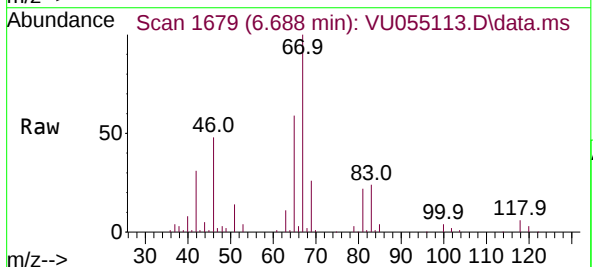
Tgt Ion: 83 Resp: 16090

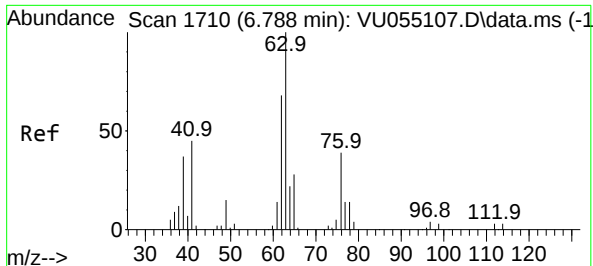
Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

98 0.3 35.3 52.9#

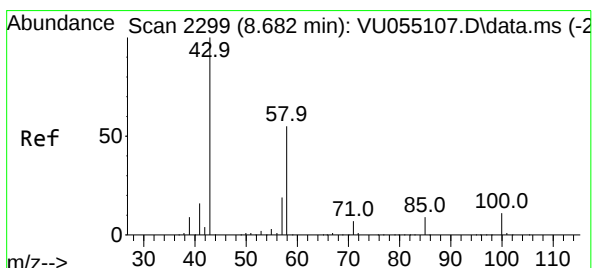
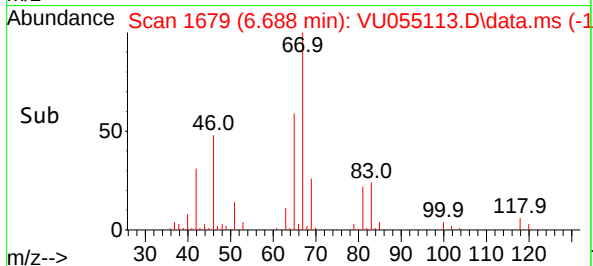
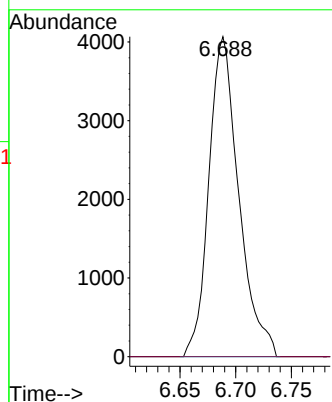
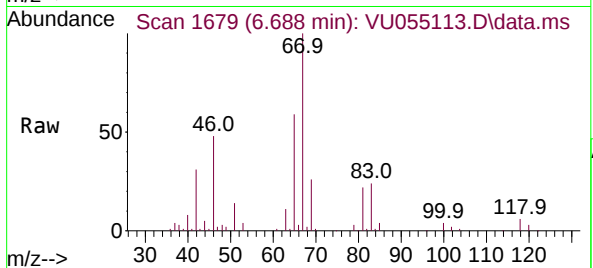




#37
1,2-Dichloropropane
Concen: 0.692 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU055113.D
Acq: 05 Sep 2023 23:24

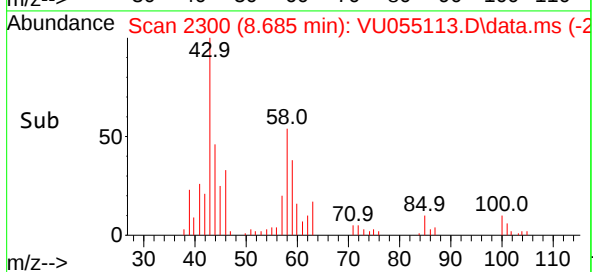
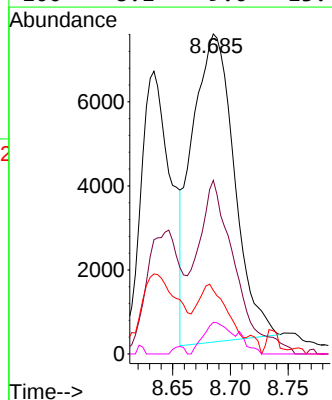
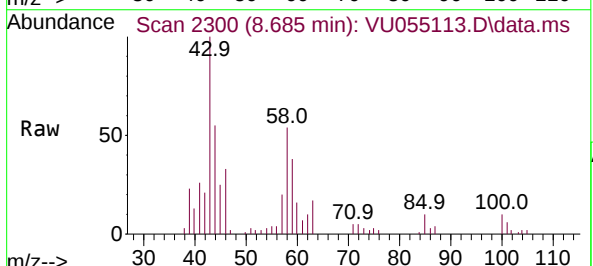
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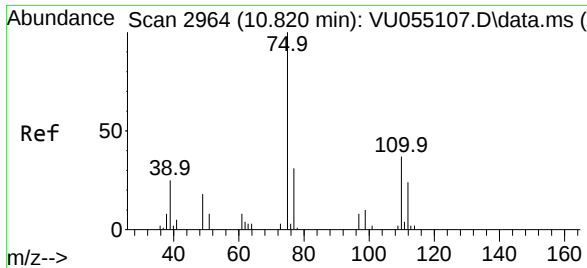
Tgt Ion: 63 Resp: 7600
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 3.789 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055113.D
Acq: 05 Sep 2023 23:24

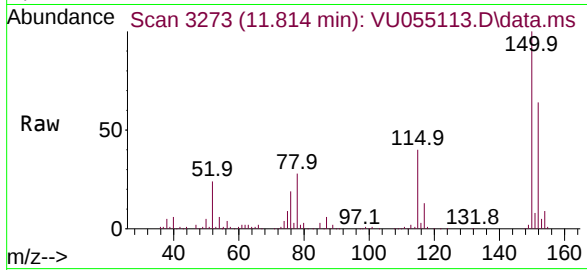
Tgt Ion: 43 Resp: 18606
Ion Ratio Lower Upper
43 100
58 49.2 44.0 66.0
57 16.8 16.2 24.2
100 8.1 9.0 13.4#





#61
1,2,3-Trichloropropane
Concen: 2.088 ug/L
RT: 11.814 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU055113.D
Acq: 05 Sep 2023 23:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 13740
Ion Ratio Lower Upper
75 100
110 2.2 28.2 42.2#
77 31.6 26.2 39.4

