

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055162.D
 Acq On : 07 Sep 2023 00:34
 Operator : MD/SY
 Sample : 04286-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 02:28:36 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)

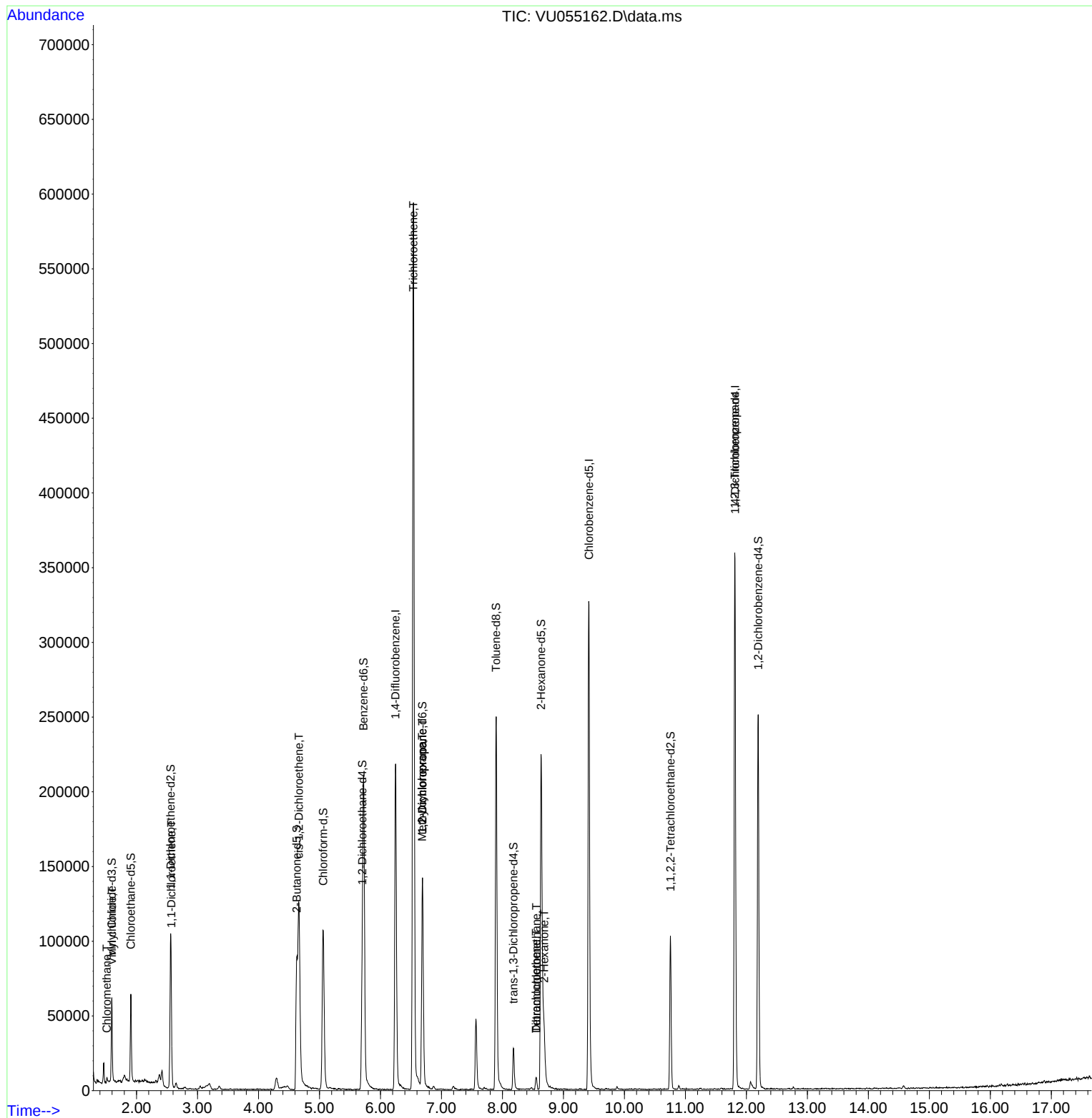
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172729	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	180274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32072	3.962	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.907	69	40048	4.274	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.560	65	19788	4.290	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	4.628	46	124212	52.873	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.740%	
24) Chloroform-d	5.062	84	100402	4.674	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.701	65	54703	5.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.724	84	193432	4.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.689	67	65900	4.656	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.897	98	168335	4.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.180	79	16336	4.191	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.634	63	72509	45.823	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.640%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50560	5.080	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	62262	4.589	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2553	0.250	ug/L	92
5) Vinyl chloride	1.599	62	7887	0.732	ug/L	98
12) 1,1-Dichloroethene	2.570	96	1394	0.175	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	54618	5.507	ug/L	98
34) Trichloroethene	6.541	95	201027	18.853	ug/L	98
35) Methylcyclohexane	6.685	83	14501	0.969	ug/L #	26
37) 1,2-Dichloropropane	6.689	63	7636	0.731	ug/L #	88
47) Tetrachloroethene	8.553	164	1670	0.227	ug/L	93
48) 2-Hexanone	8.685	43	21247	4.552	ug/L #	85
49) Dibromochloromethane	8.557	129	2029	0.264	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	12517	2.029	ug/L #	70

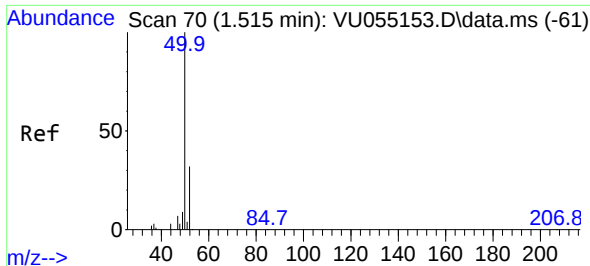
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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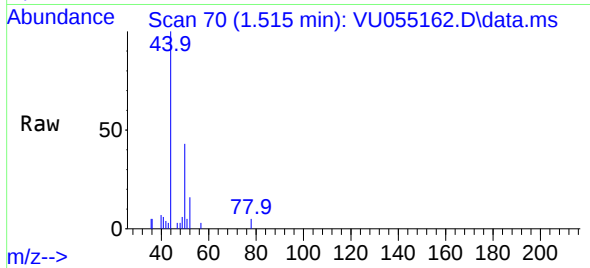
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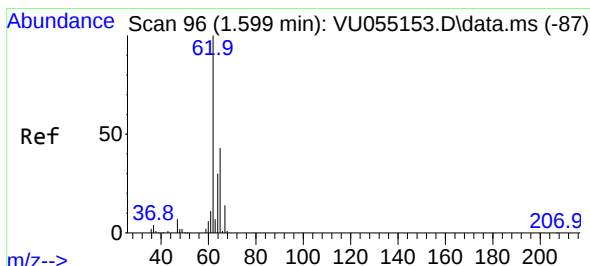
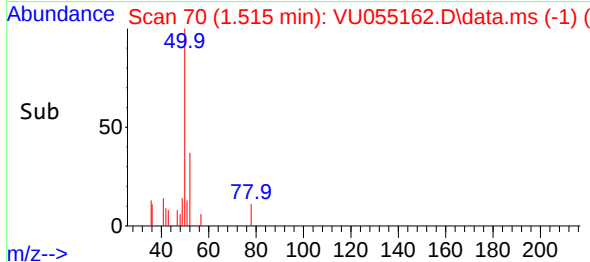
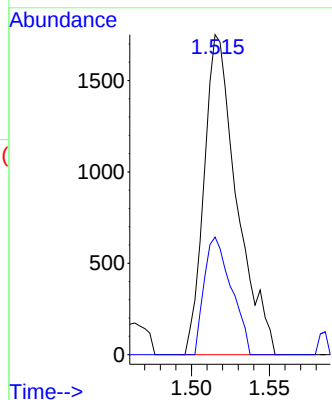


#3
Chloromethane
Concen: 0.250 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :

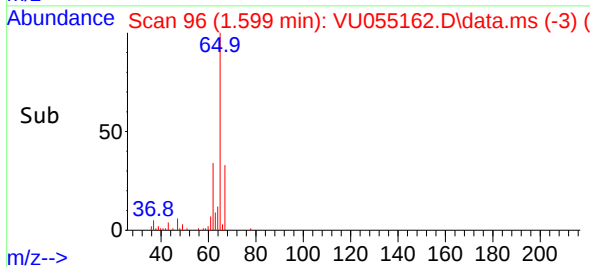
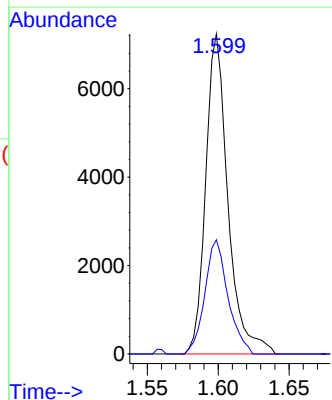
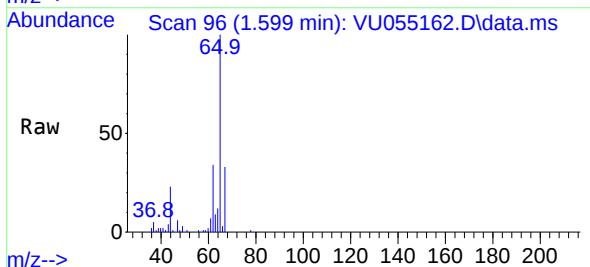


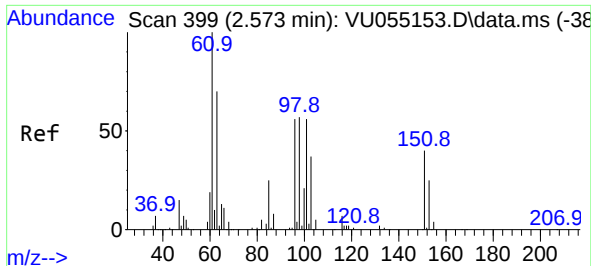
Tgt Ion: 50 Resp: 2553
Ion Ratio Lower Upper
50 100
52 36.7 22.5 41.7



#5
Vinyl chloride
Concen: 0.732 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

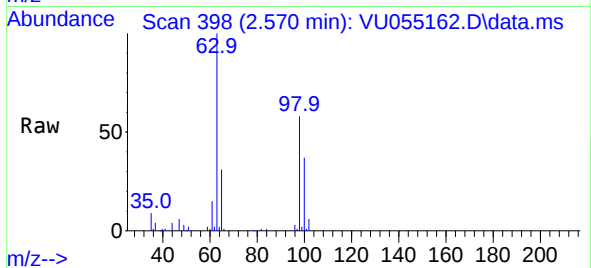
Tgt Ion: 62 Resp: 7887
Ion Ratio Lower Upper
62 100
64 35.7 24.2 45.0



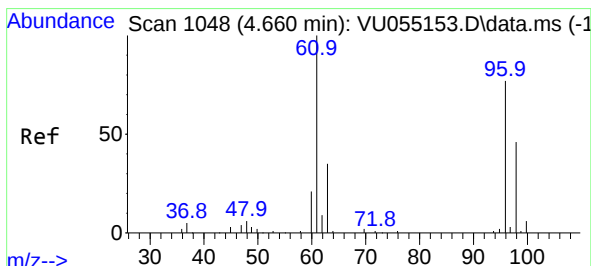
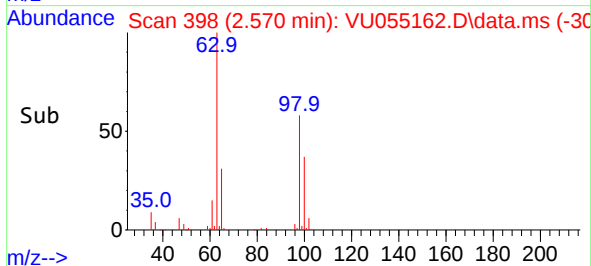
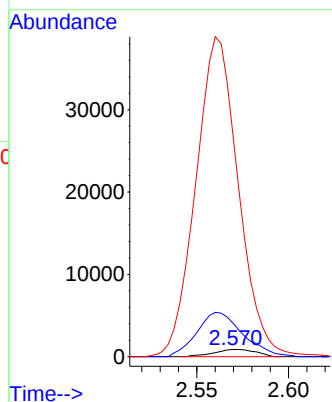


#12
1,1-Dichloroethene
Concen: 0.175 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :

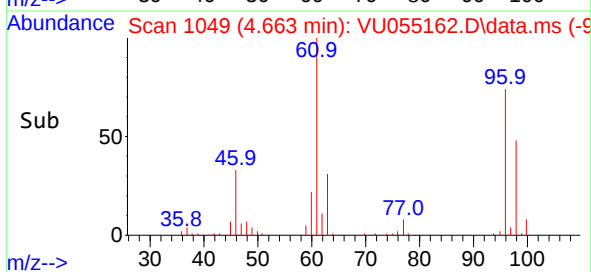
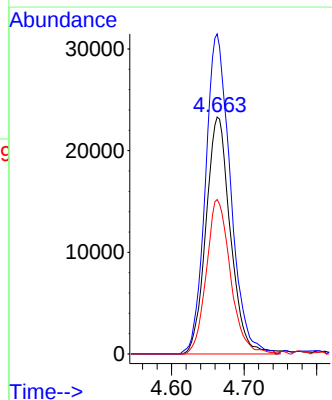
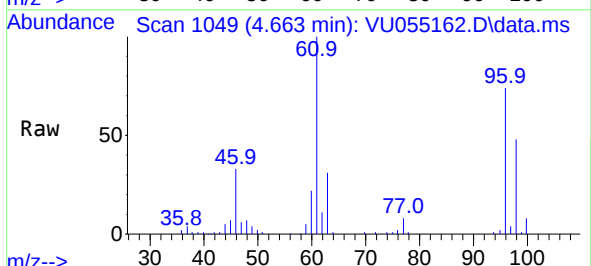


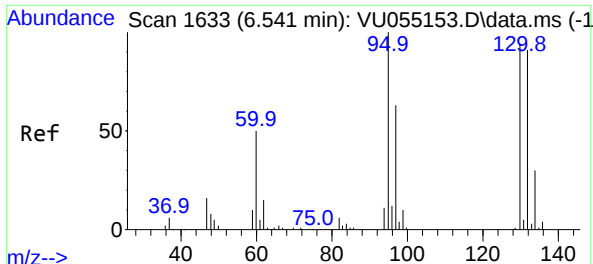
Tgt Ion: 96 Resp: 1394
Ion Ratio Lower Upper
96 100
61 463.6 120.8 224.4#
63 3051.2 94.5 175.5#



#22
cis-1,2-Dichloroethene
Concen: 5.507 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

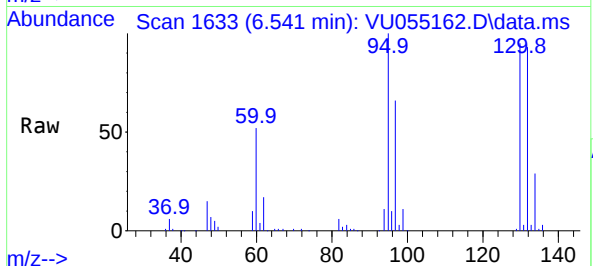
Tgt Ion: 96 Resp: 54618
Ion Ratio Lower Upper
96 100
61 135.0 97.2 180.4
98 65.2 46.1 85.7



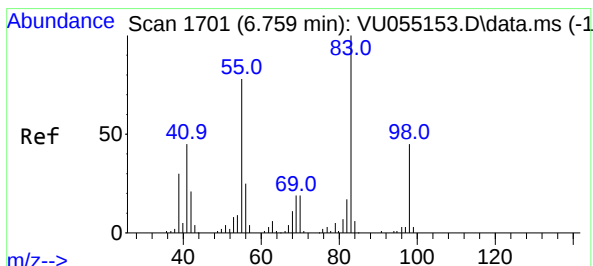
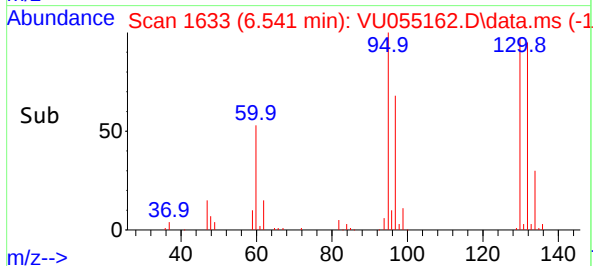
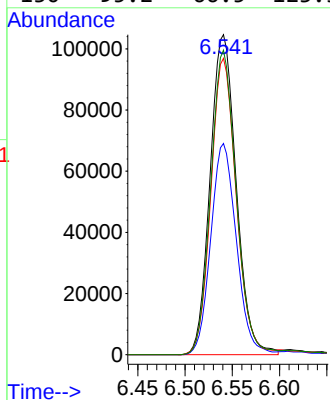


#34
Trichloroethene
Concen: 18.853 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :

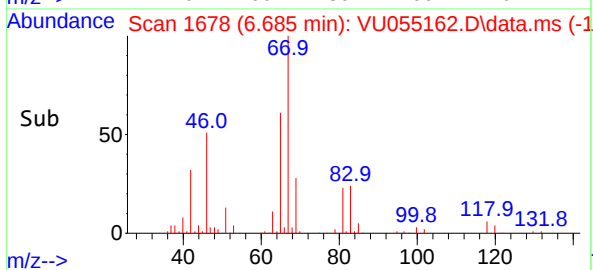
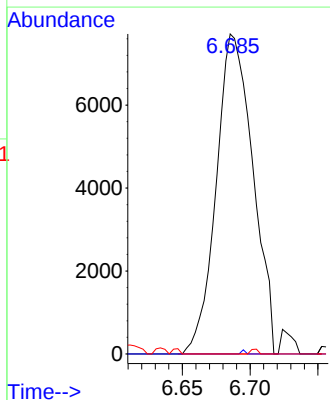
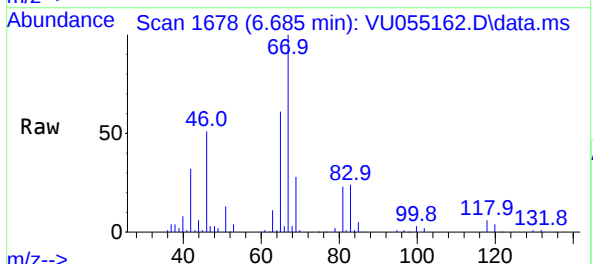


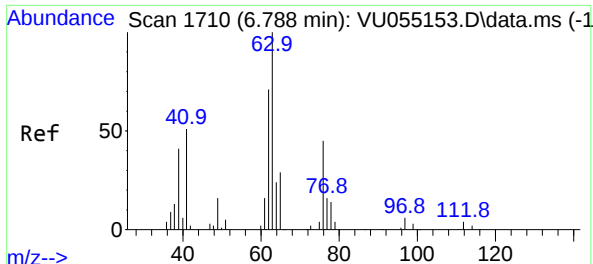
Tgt Ion: 95 Resp: 201027
Ion Ratio Lower Upper
95 100
97 66.0 44.7 83.1
132 92.6 66.6 123.6
130 95.2 66.5 123.5



#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

Tgt Ion: 83 Resp: 14501
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 11.5 35.3 52.9#

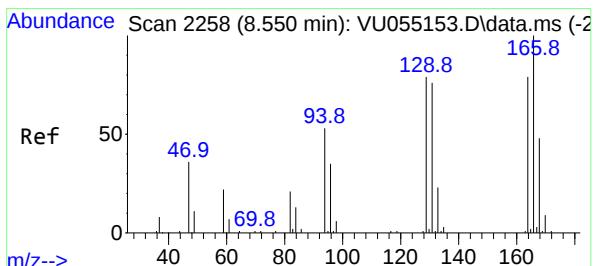
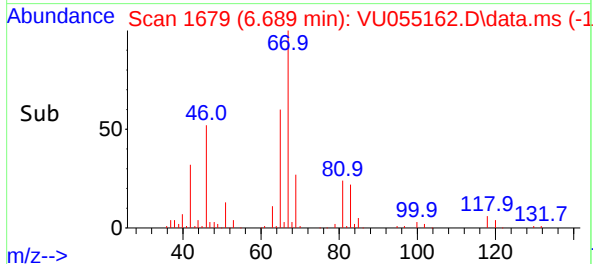
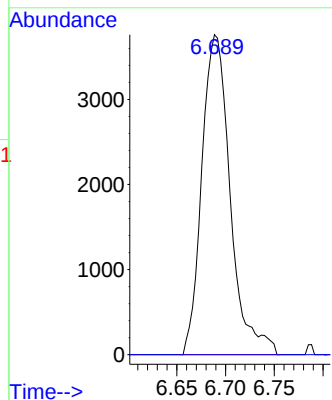
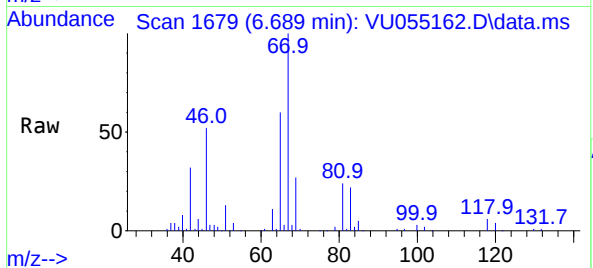




#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

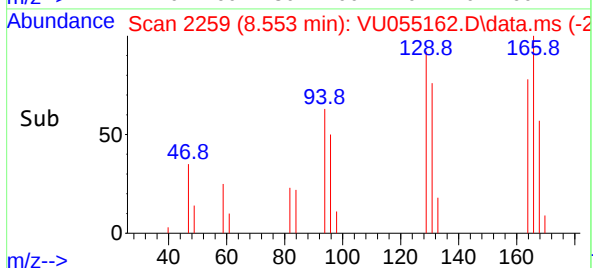
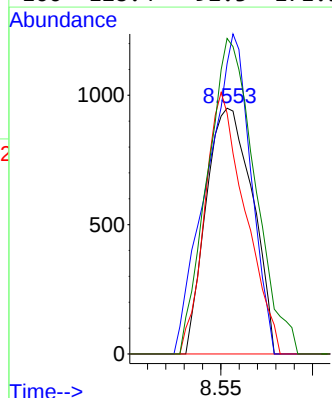
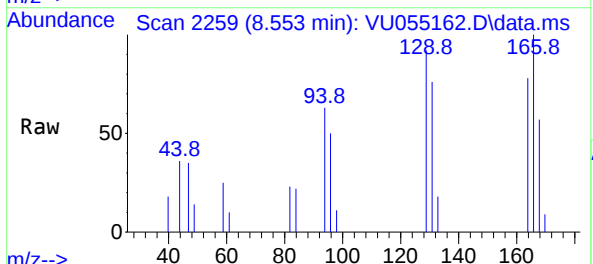
Instrument :
MSVOA_U
ClientSampleId :

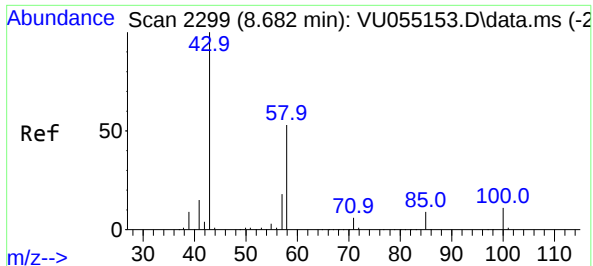
Tgt Ion: 63 Resp: 7636
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.227 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

Tgt Ion:164 Resp: 1670
Ion Ratio Lower Upper
164 100
129 118.1 69.2 128.6
131 98.0 68.8 127.8
166 128.4 92.3 171.5





#48

2-Hexanone

Concen: 4.552 ug/L

RT: 8.685 min Scan# 21247

Delta R.T. 0.003 min

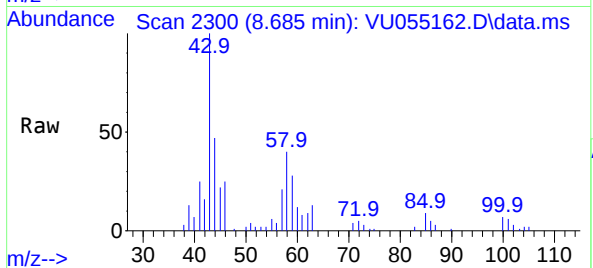
Lab File: VU055162.D

Acq: 07 Sep 2023 00:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 21247

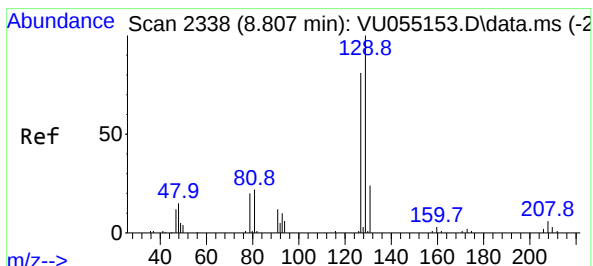
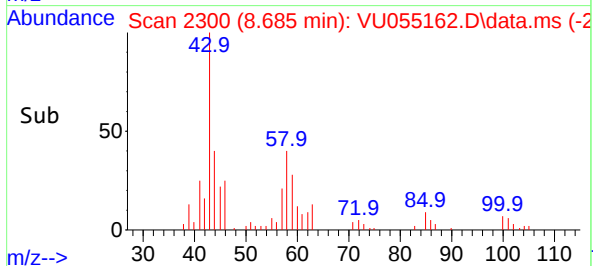
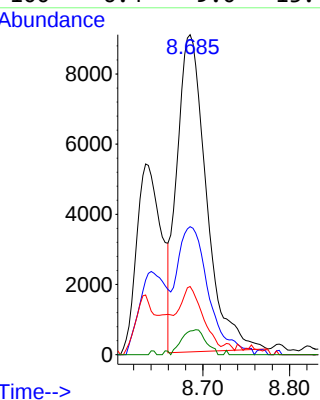
Ion Ratio Lower Upper

43 100

58 43.1 44.0 66.0#

57 14.2 16.2 24.2#

100 6.4 9.0 13.4#



#49

Dibromochloromethane

Concen: 0.264 ug/L

RT: 8.557 min Scan# 2260

Delta R.T. -0.251 min

Lab File: VU055162.D

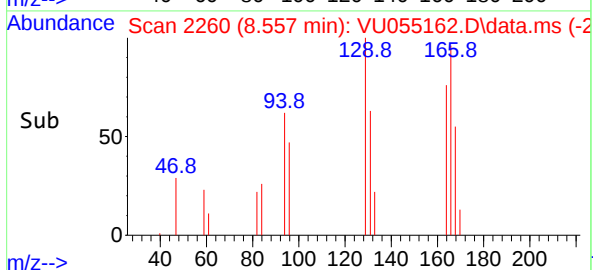
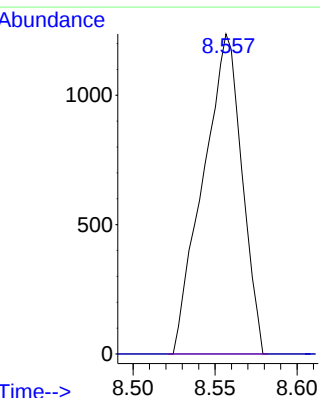
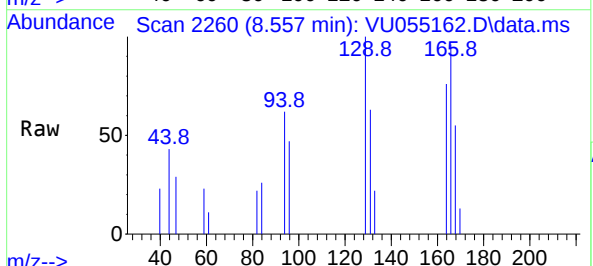
Acq: 07 Sep 2023 00:34

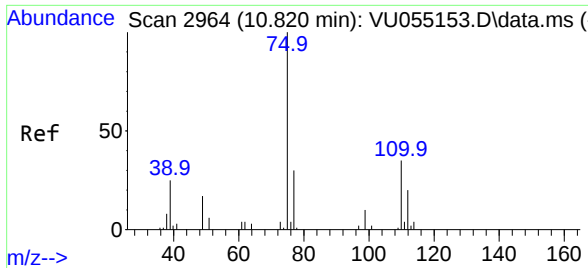
Tgt Ion: 129 Resp: 2029

Ion Ratio Lower Upper

129 100

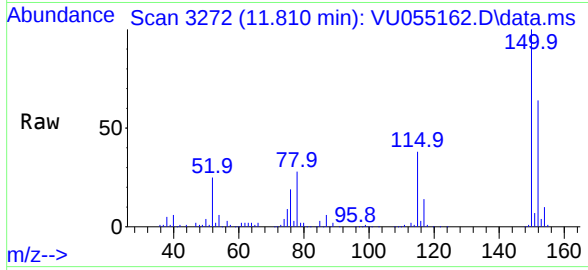
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 2.029 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055162.D
 Acq: 07 Sep 2023 00:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12517

Ion	Ratio	Lower	Upper
75	100		
110	3.6	28.2	42.2#
77	34.6	26.2	39.4

