

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054993.D
 Acq On : 30 Aug 2023 12:48
 Operator : MD/SY
 Sample : 04209-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

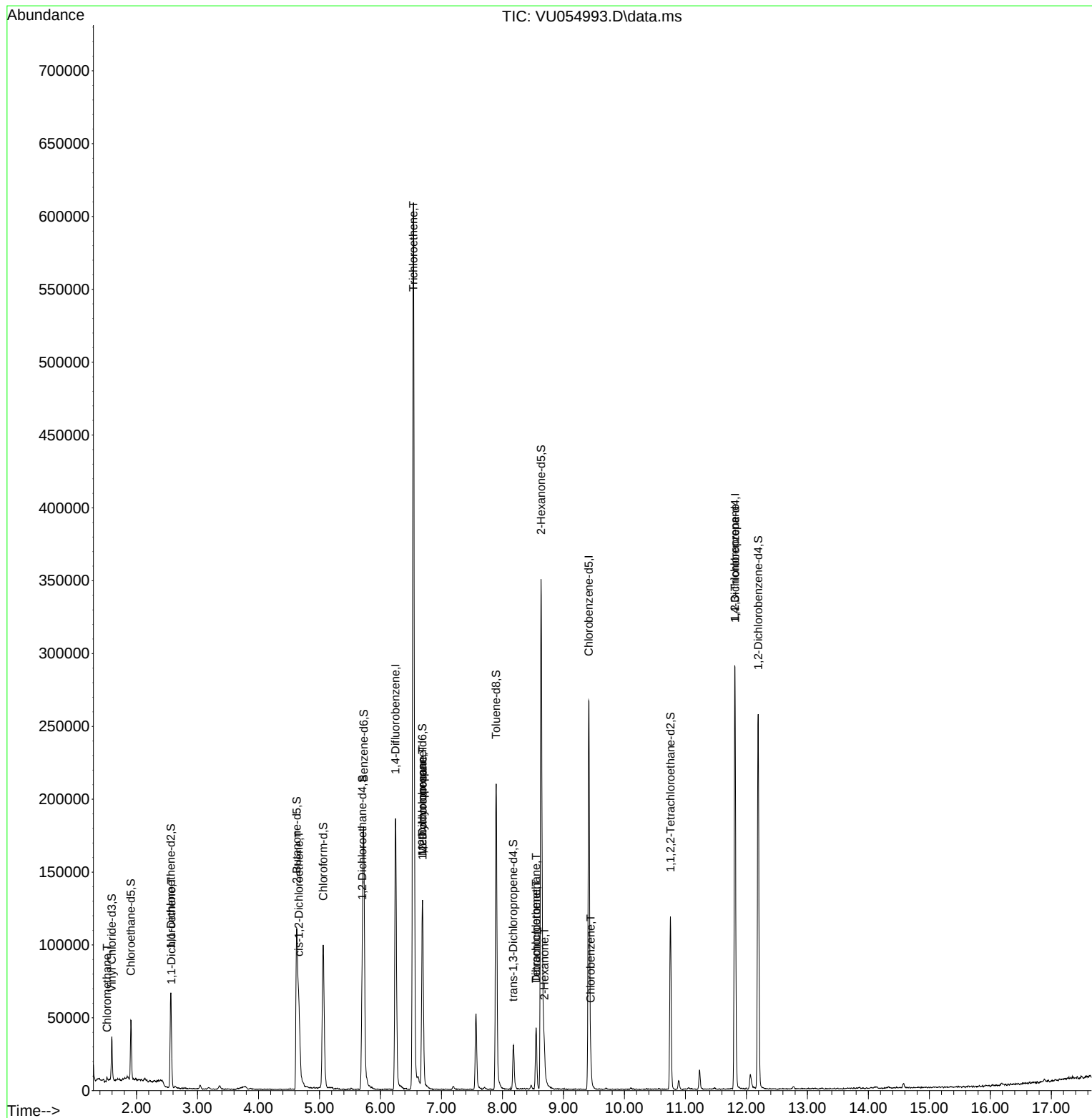
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	147002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	147785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	73037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	19277	4.155	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.907	69	28524	4.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.563	65	12085	4.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.627	46	175258	69.979	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	139.960%#	
24) Chloroform-d	5.062	84	92581	5.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	5.701	65	52597	5.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
32) Benzene-d6	5.724	84	160327	4.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.688	67	59689	5.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.897	98	143734	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	8.177	79	17806	4.631	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.634	63	115314	63.187	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.380%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58456	5.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	64195	5.505	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1932	0.203	ug/L	98
12) 1,1-Dichloroethene	2.573	96	973	0.147	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	16779	1.940	ug/L	97
34) Trichloroethene	6.541	95	206641	21.387	ug/L	96
35) Methylcyclohexane	6.688	83	14546	1.018	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	6697	0.689	ug/L #	90
47) Tetrachloroethene	8.553	164	8529	1.228	ug/L	97
48) 2-Hexanone	8.688	43	14261	3.554	ug/L #	78
49) Dibromochloromethane	8.553	129	8715	1.147	ug/L #	6
51) Chlorobenzene	9.447	112	6856	0.272	ug/L	95
61) 1,2,3-Trichloropropane	11.810	75	10223	1.880	ug/L #	68

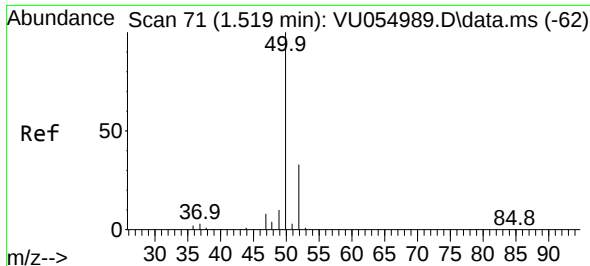
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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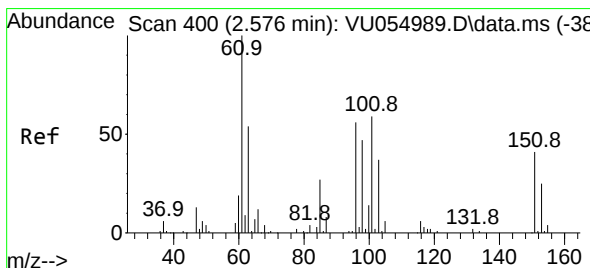
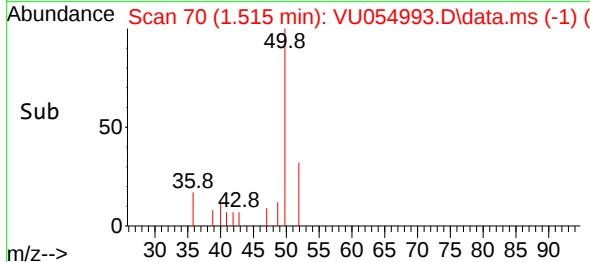
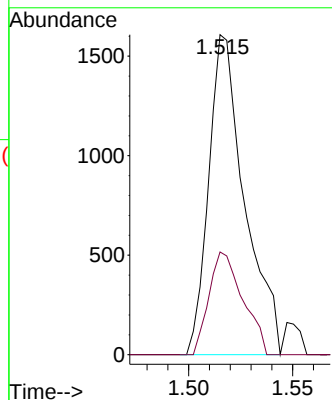
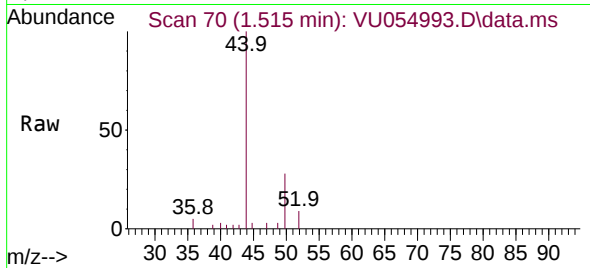




#3
Chloromethane
Concen: 0.203 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.004 min
Lab File: VU054993.D
Acq: 30 Aug 2023 12:48

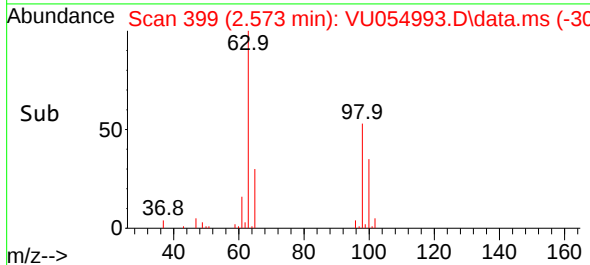
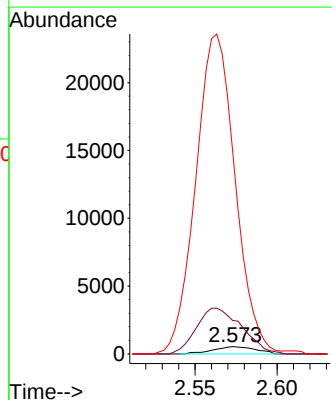
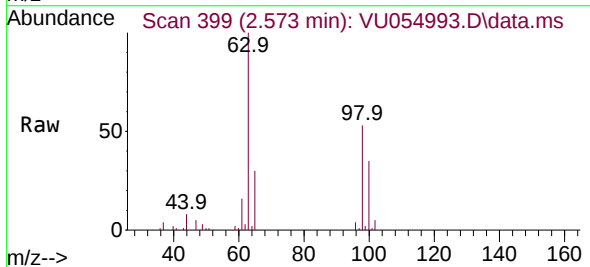
Instrument :
MSVOA_U
ClientSampleId :

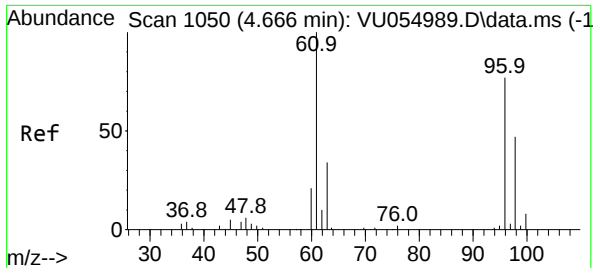
Tgt Ion: 50 Resp: 1932
Ion Ratio Lower Upper
50 100
52 32.1 23.4 43.6



#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.004 min
Lab File: VU054993.D
Acq: 30 Aug 2023 12:48

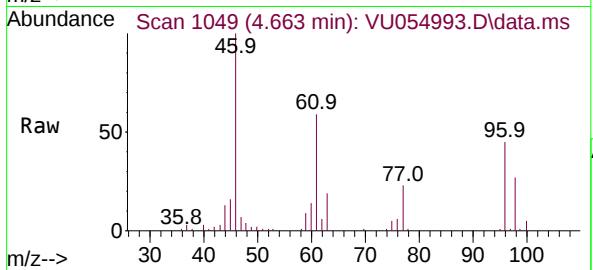
Tgt Ion: 96 Resp: 973
Ion Ratio Lower Upper
96 100
61 451.3 132.4 245.8#
63 2736.1 82.5 153.1#



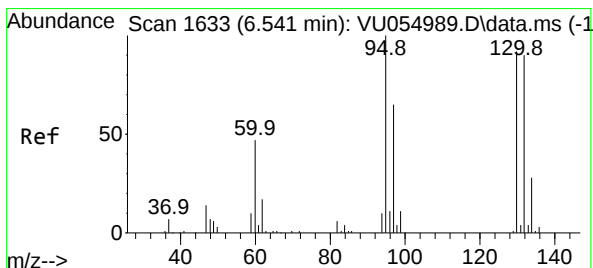
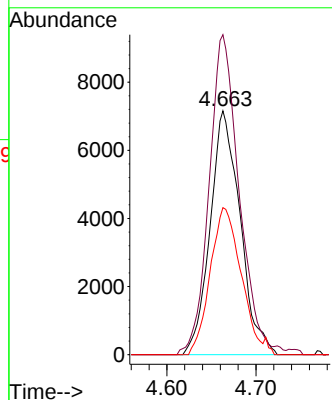
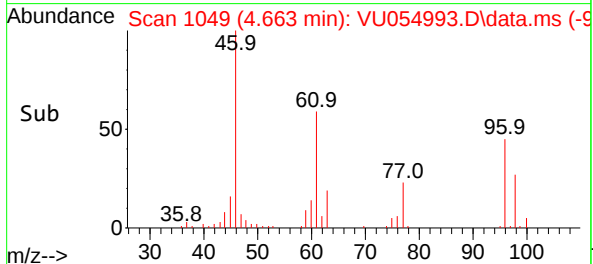


#22
cis-1,2-Dichloroethene
Concen: 1.940 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.004 min
Lab File: VU054993.D
Acq: 30 Aug 2023 12:48

Instrument :
MSVOA_U
ClientSampleId :

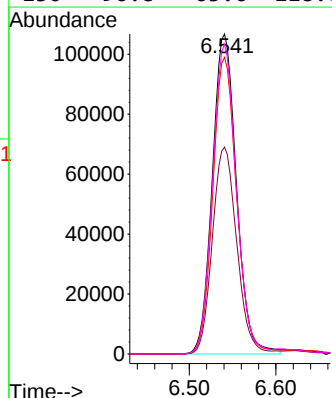
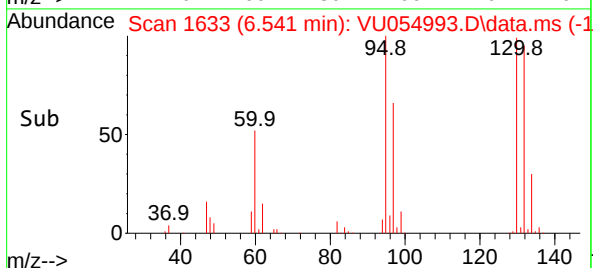
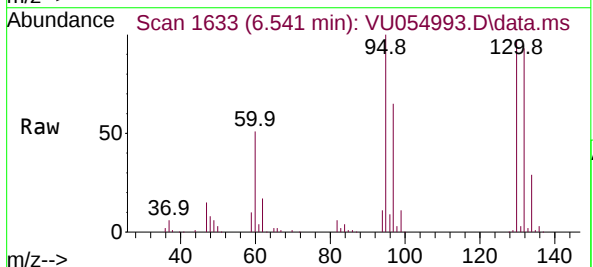


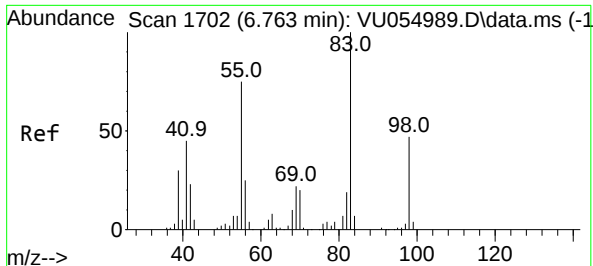
Tgt Ion: 96 Resp: 16779
Ion Ratio Lower Upper
96 100
61 131.2 88.4 164.2
98 62.8 44.0 81.6



#34
Trichloroethene
Concen: 21.387 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054993.D
Acq: 30 Aug 2023 12:48

Tgt Ion: 95 Resp: 206641
Ion Ratio Lower Upper
95 100
97 64.6 44.1 81.9
132 92.7 63.6 118.2
130 96.8 63.6 118.0

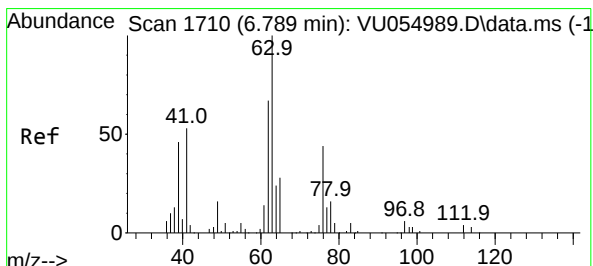
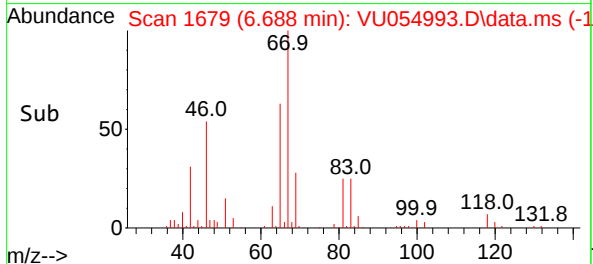
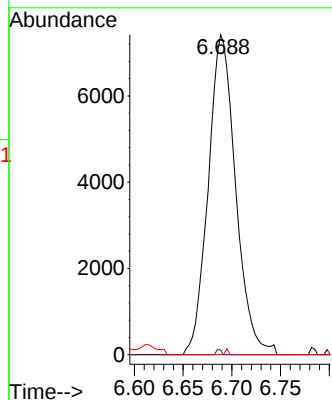
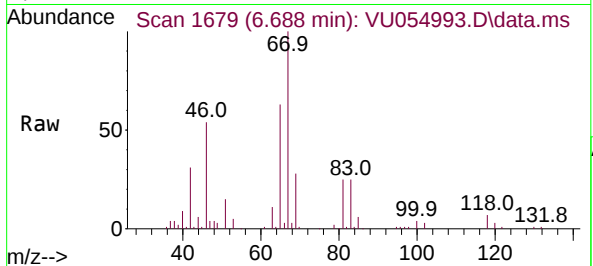




#35
Methylcyclohexane
Concen: 1.018 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054993.D
Acq: 30 Aug 2023 12:48

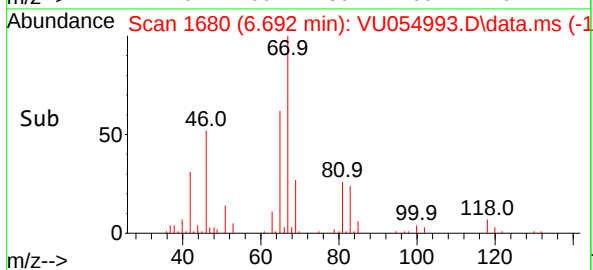
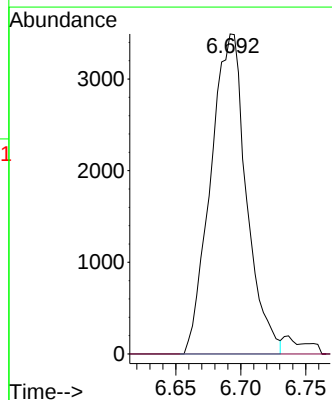
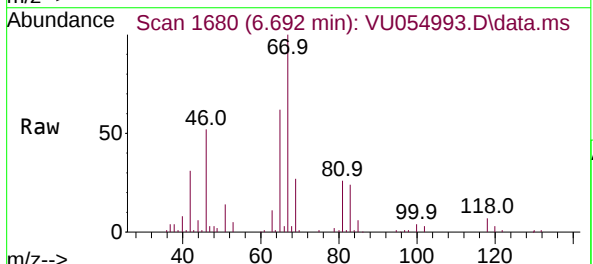
Instrument :
MSVOA_U
ClientSampleId :

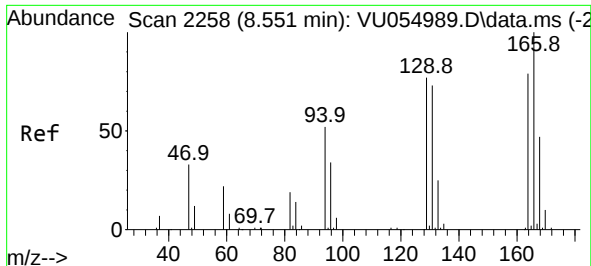
Tgt Ion: 83 Resp: 14546
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 2.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.689 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.097 min
Lab File: VU054993.D
Acq: 30 Aug 2023 12:48

Tgt Ion: 63 Resp: 6697
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 1.228 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

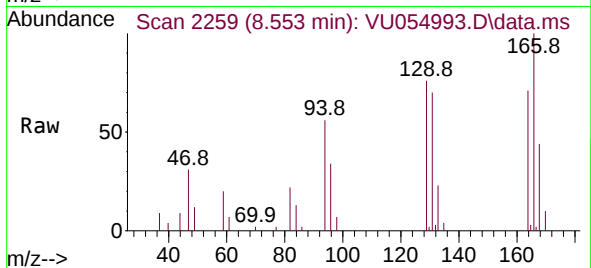
Lab File: VU054993.D

Acq: 30 Aug 2023 12:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 8529

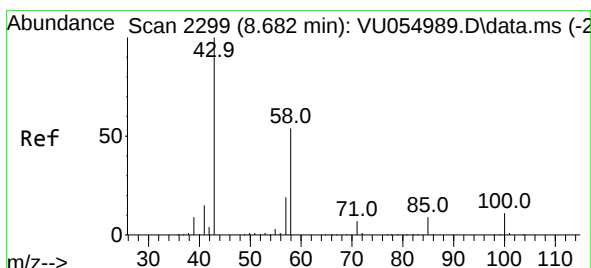
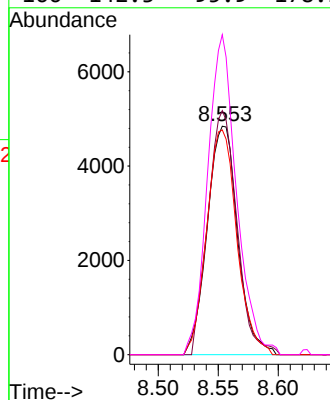
Ion Ratio Lower Upper

164 100

129 106.8 72.8 135.2

131 98.3 70.7 131.3

166 142.3 95.9 178.1



#48

2-Hexanone

Concen: 3.554 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU054993.D

Acq: 30 Aug 2023 12:48

Tgt Ion: 43 Resp: 14261

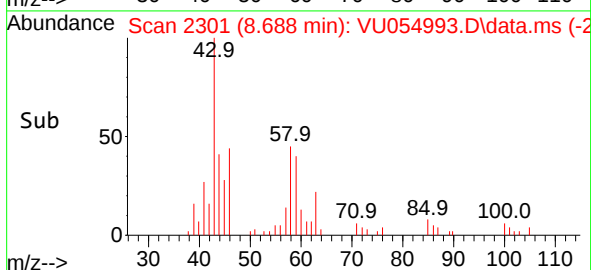
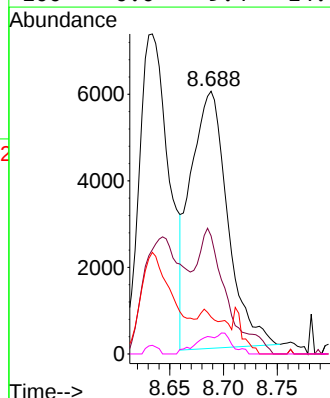
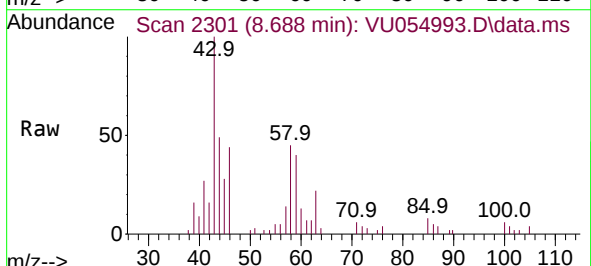
Ion Ratio Lower Upper

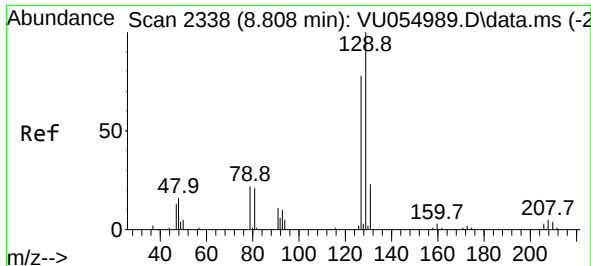
43 100

58 39.3 44.0 66.0#

57 12.1 15.9 23.9#

100 0.0 9.4 14.0#





#49

Dibromochloromethane

Concen: 1.147 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054993.D

Acq: 30 Aug 2023 12:48

Instrument :

MSVOA_U

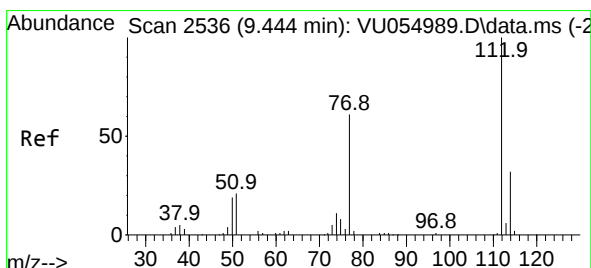
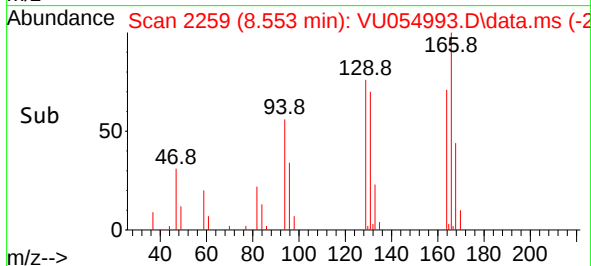
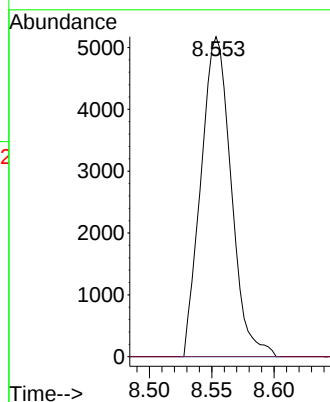
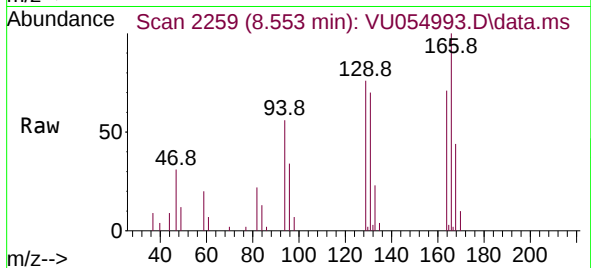
ClientSampleId :

Tgt Ion:129 Resp: 8715

Ion Ratio Lower Upper

129 100

127 0.0 60.5 112.5#



#51

Chlorobenzene

Concen: 0.272 ug/L

RT: 9.447 min Scan# 2537

Delta R.T. 0.003 min

Lab File: VU054993.D

Acq: 30 Aug 2023 12:48

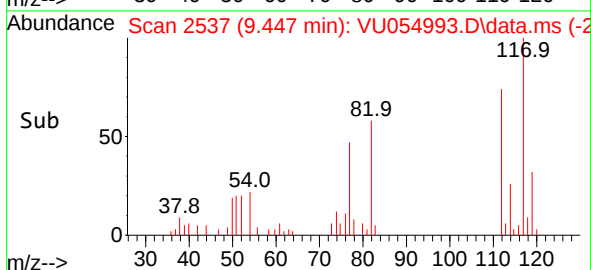
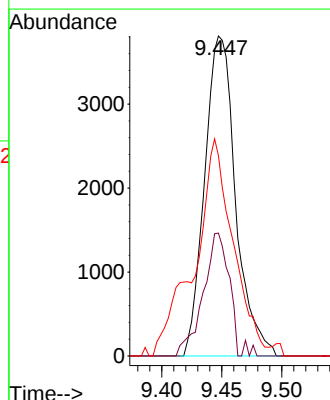
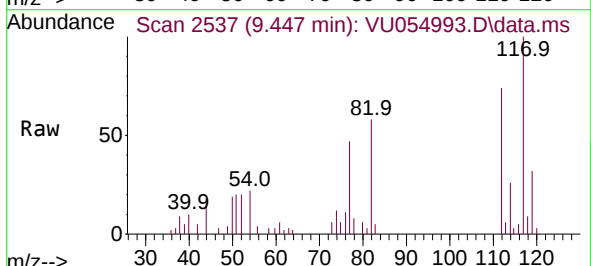
Tgt Ion:112 Resp: 6856

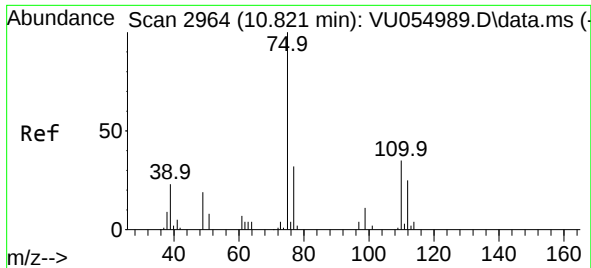
Ion Ratio Lower Upper

112 100

114 35.4 23.4 43.4

77 57.7 49.3 73.9





#61

1,2,3-Trichloropropane

Concen: 1.880 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

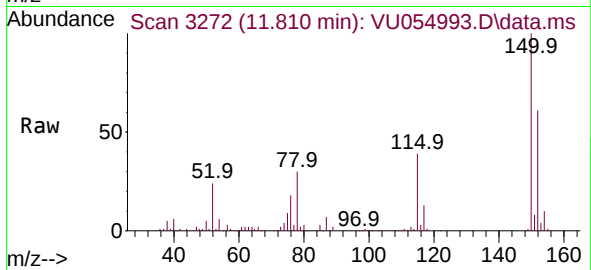
Lab File: VU054993.D

Acq: 30 Aug 2023 12:48

Instrument :

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ClientSampleId :



Tgt Ion:	75	Resp:	10223
Ion	Ratio	Lower	Upper
75	100		
110	2.5	29.0	43.6#
77	31.0	26.5	39.7

