

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055119.D
 Acq On : 06 Sep 2023 01:49
 Operator : MD/SY
 Sample : 04250-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 05:26:34 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)

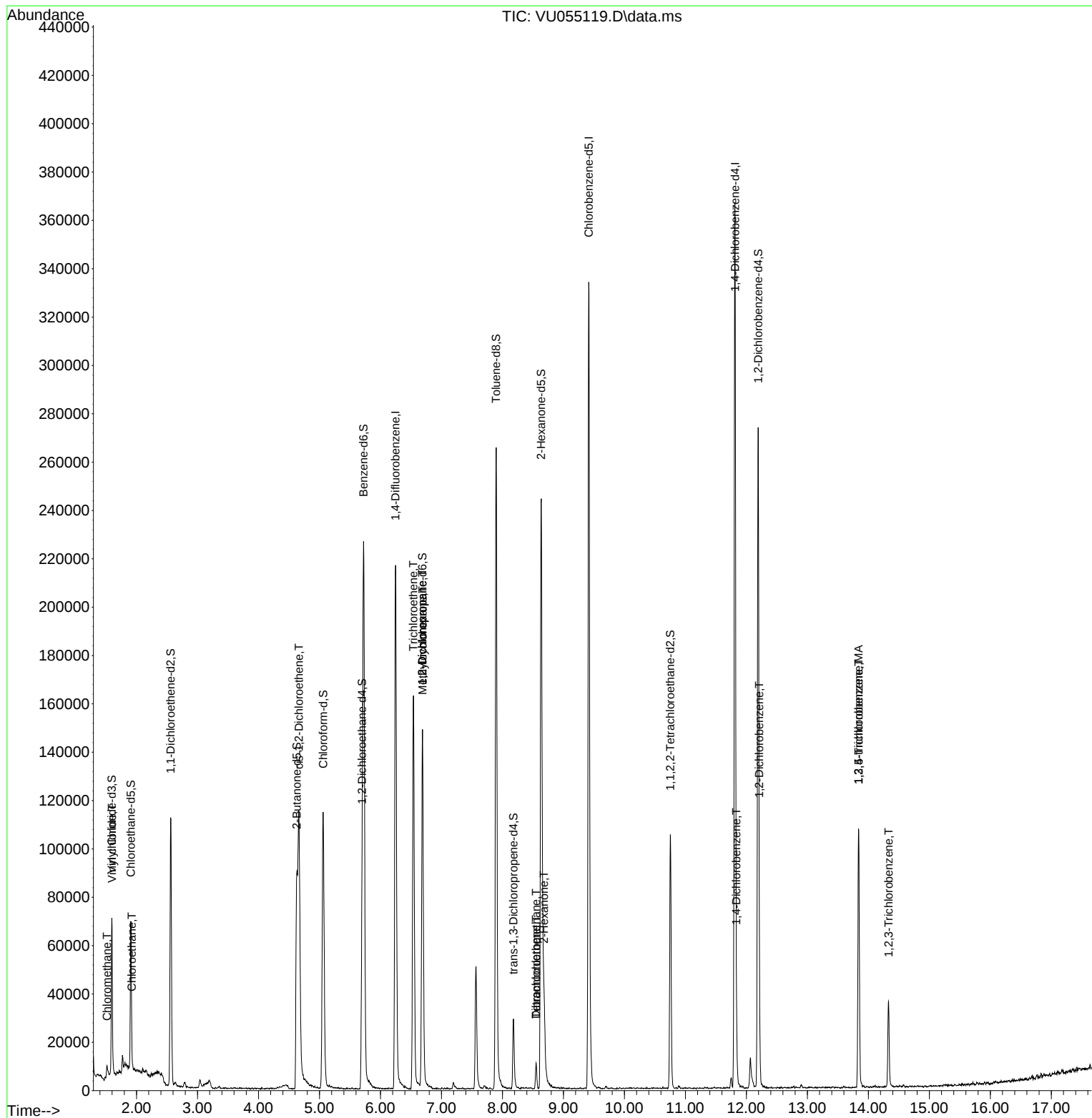
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177181	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34314	4.132	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.907	69	42646	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	21408	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.628	46	136735	56.741	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.480%
24) Chloroform-d	5.062	84	107555	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.698	65	57636	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.724	84	207800	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.689	67	70089	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.898	98	179721	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.180	79	16700	4.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.634	63	81317	50.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52467	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	68364	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3147	0.300	ug/L	94
5) Vinyl chloride	1.599	62	13193	1.193	ug/L	96
8) Chloroethane	1.923	64	961	0.133	ug/L #	60
22) cis-1,2-Dichloroethene	4.663	96	47785	4.697	ug/L	93
34) Trichloroethene	6.541	95	57375	5.332	ug/L	97
35) Methylcyclohexane	6.692	83	15582	1.032	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	8269	0.784	ug/L #	88
47) Tetrachloroethene	8.553	164	1851	0.249	ug/L	92
48) 2-Hexanone	8.682	43	16689	3.543	ug/L #	94
49) Dibromochloromethane	8.553	129	1868	0.241	ug/L #	9
65) 1,4-Dichlorobenzene	11.836	146	4789	0.232	ug/L #	82
67) 1,2-Dichlorobenzene	12.209	146	5019	0.259	ug/L	97
69) 1,3,5-Trichlorobenzene	13.839	180	31033	1.986	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	31033	2.118	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	10521	0.827	ug/L	98

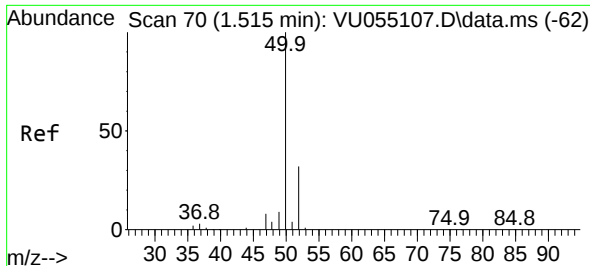
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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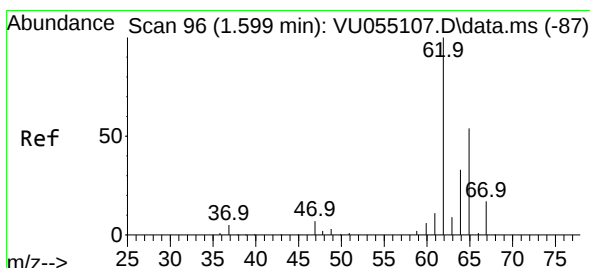
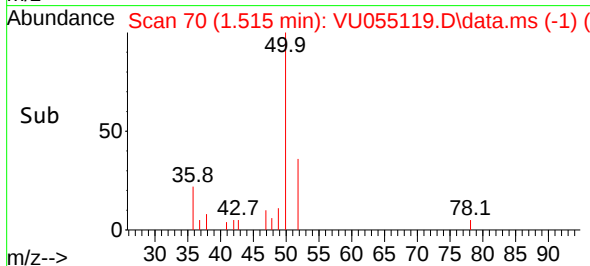
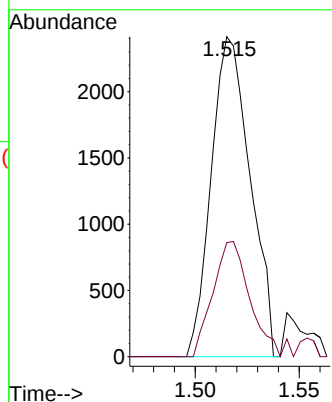
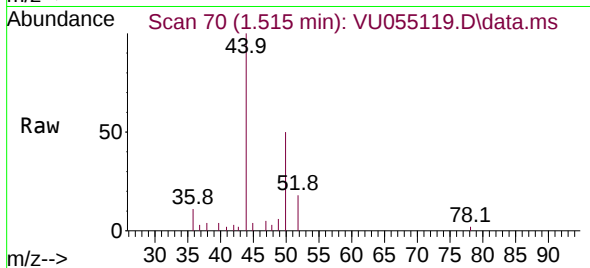
#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

Instrument :

MSVOA_U

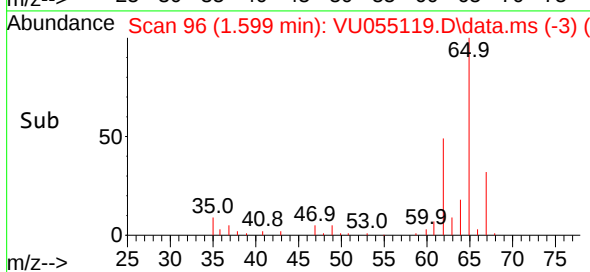
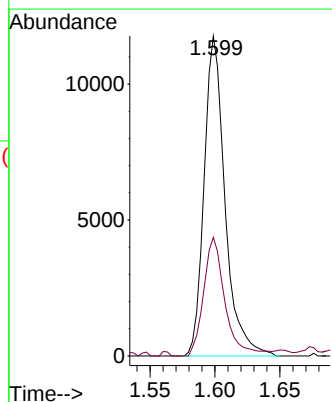
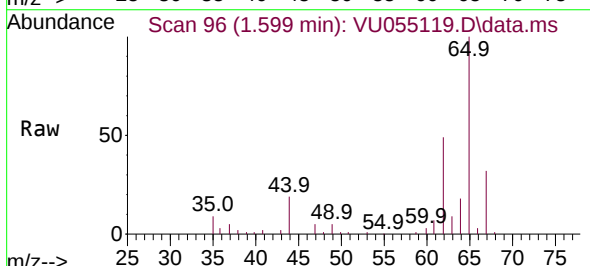
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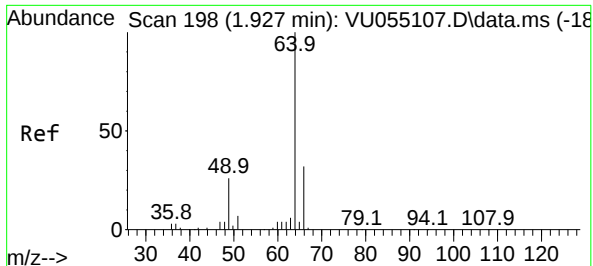
Tgt Ion: 50 Resp: 3147
Ion Ratio Lower Upper
50 100
52 35.7 22.5 41.7



#5
Vinyl chloride
Concen: 1.193 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

Tgt Ion: 62 Resp: 13193
Ion Ratio Lower Upper
62 100
64 37.1 24.2 45.0

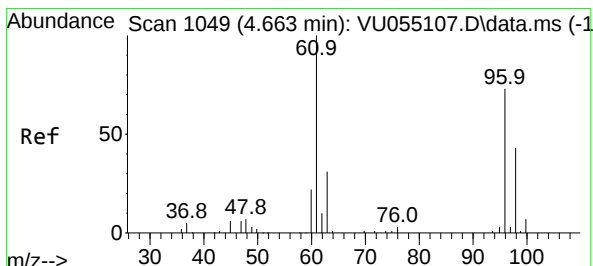
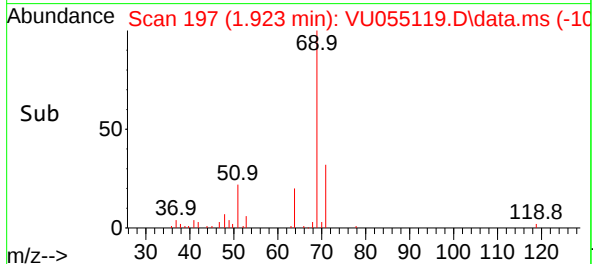
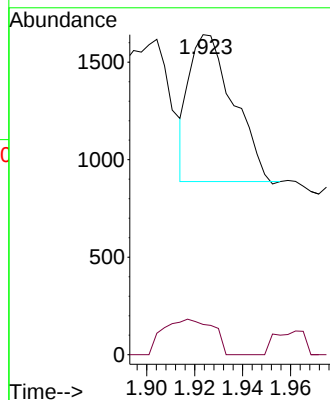
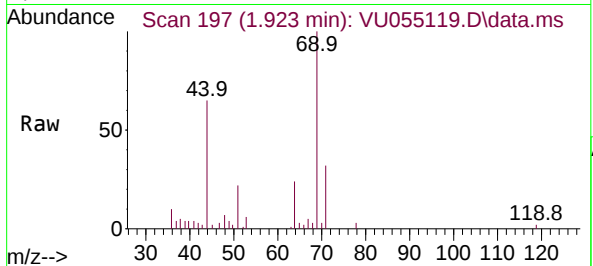




#8
Chloroethane
Concen: 0.133 ug/L
RT: 1.923 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

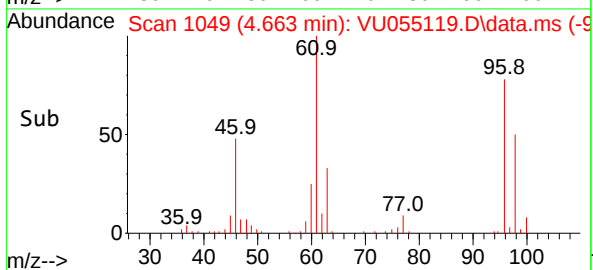
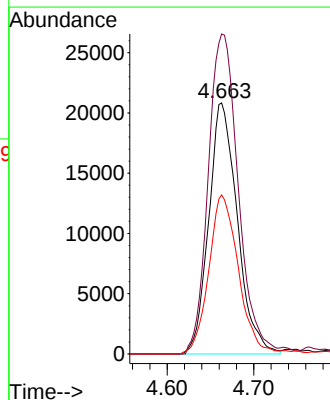
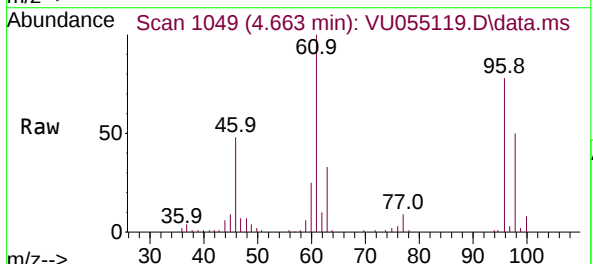
Instrument :
MSVOA_U
ClientSampleId :

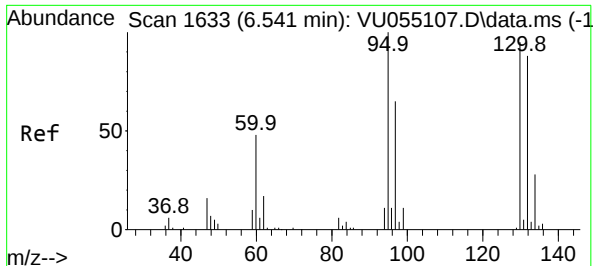
Tgt Ion: 64 Resp: 961
Ion Ratio Lower Upper
64 100
66 9.4 22.4 41.6#



#22
cis-1,2-Dichloroethene
Concen: 4.697 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

Tgt Ion: 96 Resp: 47785
Ion Ratio Lower Upper
96 100
61 127.5 97.2 180.4
98 63.4 46.1 85.7

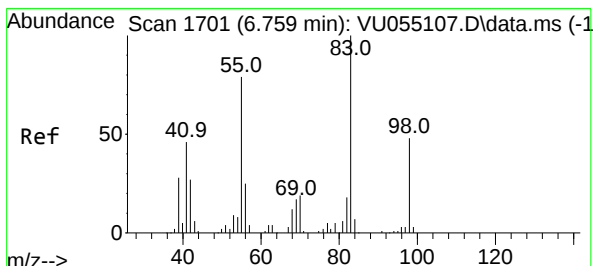
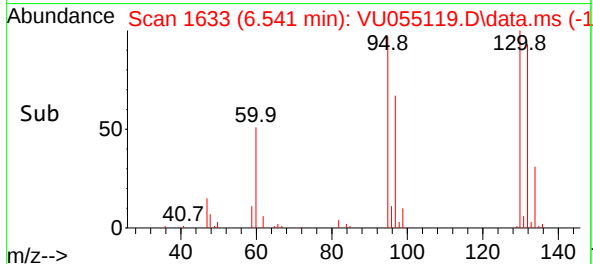
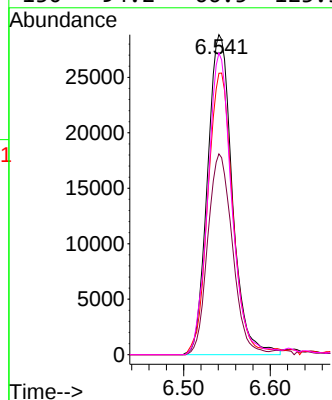
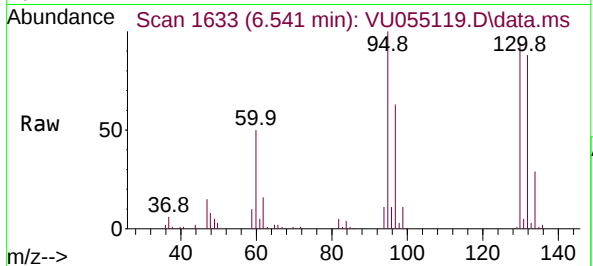




#34
Trichloroethene
Concen: 5.332 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

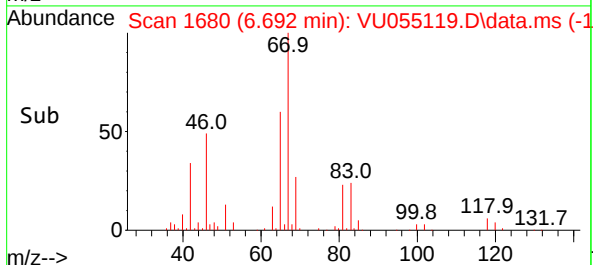
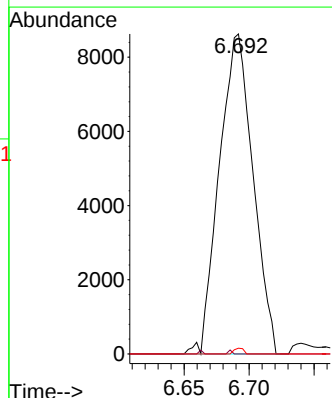
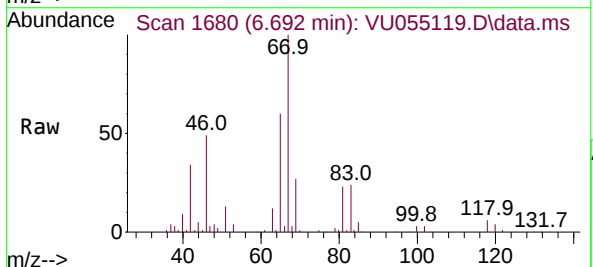
Instrument :
MSVOA_U
ClientSampleId :

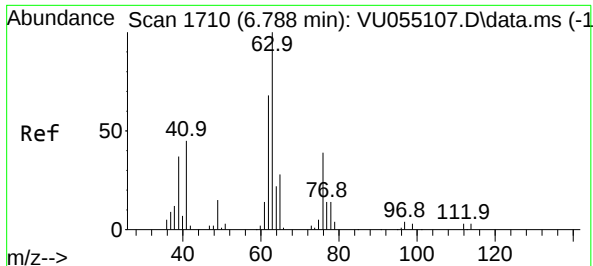
Tgt Ion: 95 Resp: 57375
Ion Ratio Lower Upper
95 100
97 62.7 44.7 83.1
132 88.0 66.6 123.6
130 94.2 66.5 123.5



#35
Methylcyclohexane
Concen: 1.032 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.067 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

Tgt Ion: 83 Resp: 15582
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.784 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055119.D

Acq: 06 Sep 2023 01:49

Instrument :

MSVOA_U

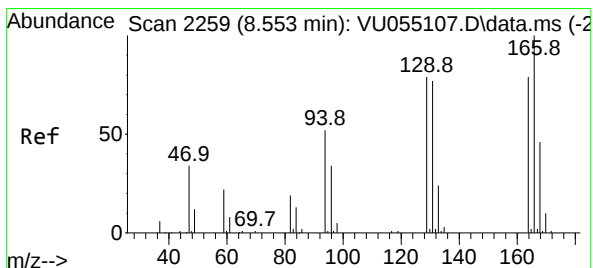
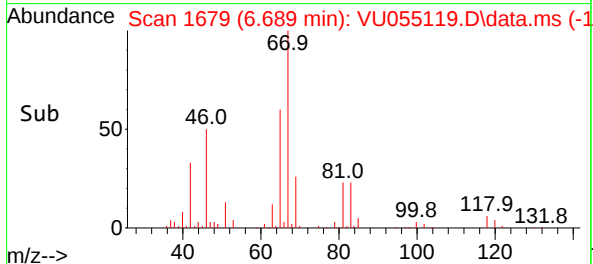
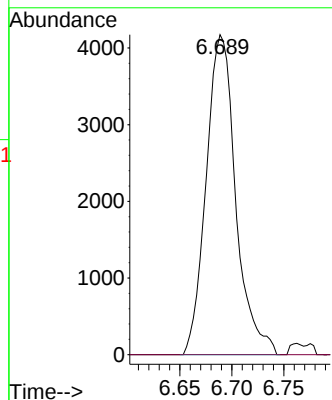
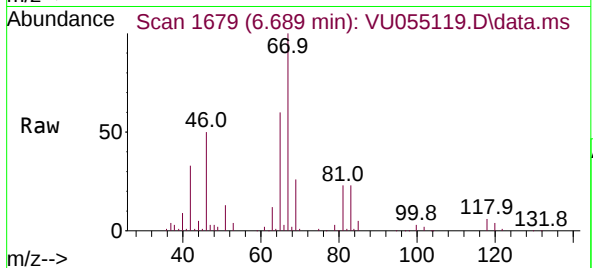
ClientSampleId :

Tgt Ion: 63 Resp: 8269

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.249 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.000 min

Lab File: VU055119.D

Acq: 06 Sep 2023 01:49

Tgt Ion: 164 Resp: 1851

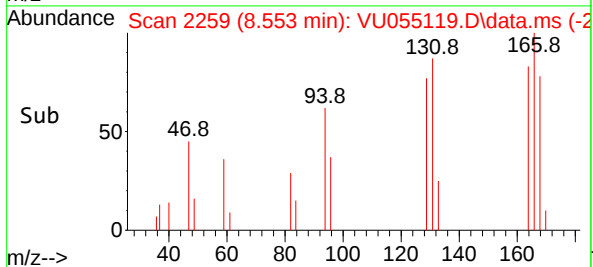
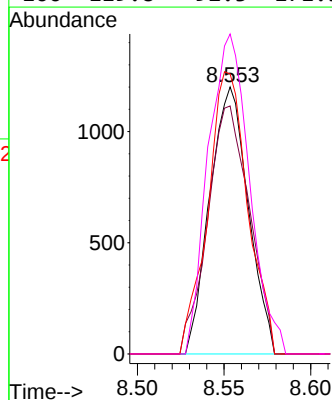
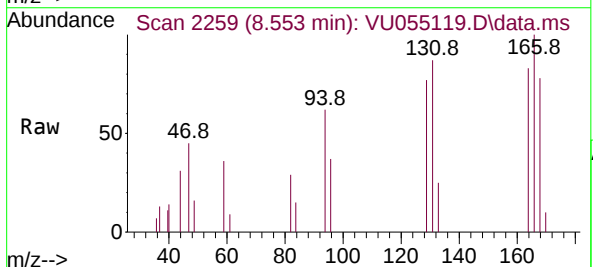
Ion Ratio Lower Upper

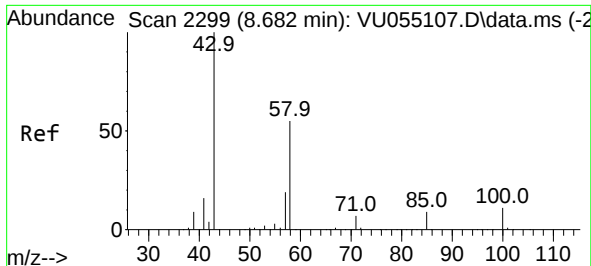
164 100

129 92.8 69.2 128.6

131 104.8 68.8 127.8

166 119.8 92.3 171.5

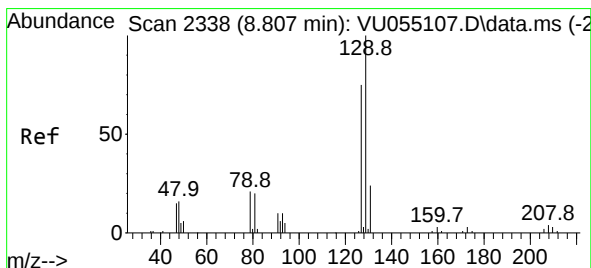
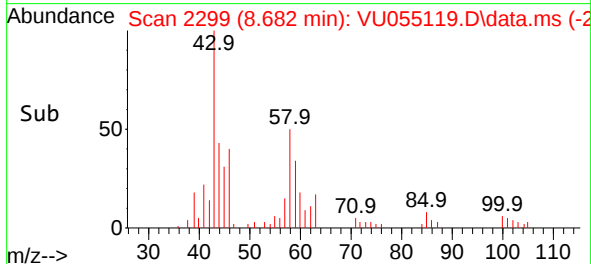
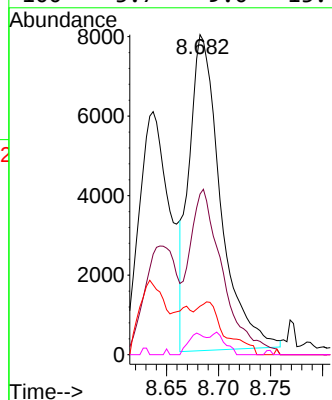
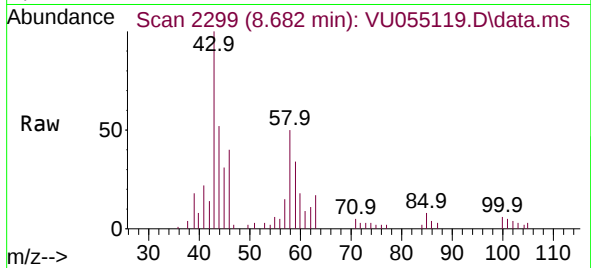




#48
2-Hexanone
Concen: 3.543 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

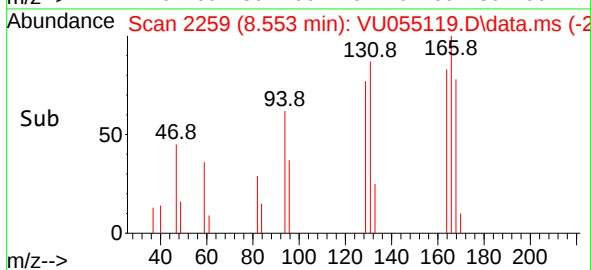
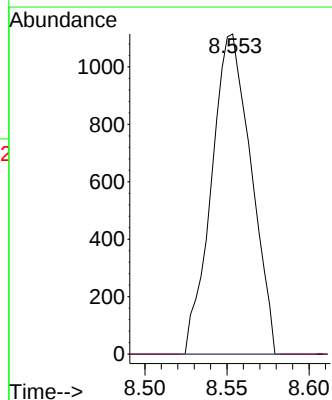
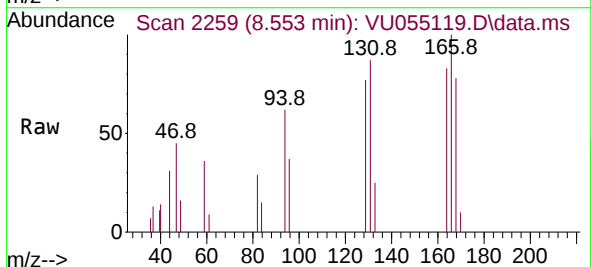
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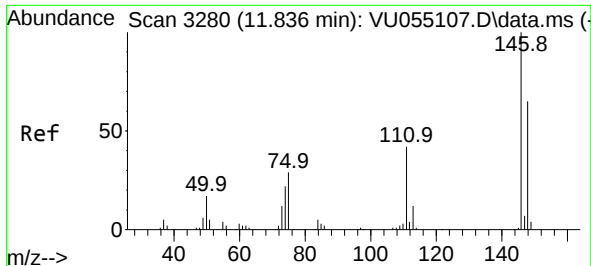
Tgt Ion: 43 Resp: 16689
Ion Ratio Lower Upper
43 100
58 56.0 44.0 66.0
57 14.6 16.2 24.2#
100 3.7 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.241 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

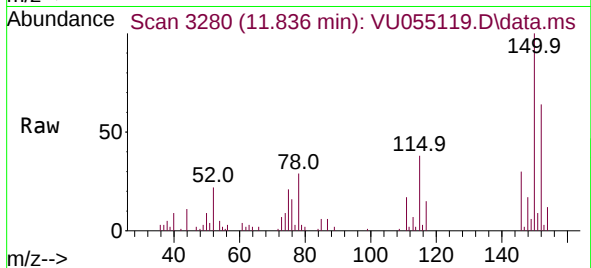
Tgt Ion: 129 Resp: 1868
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



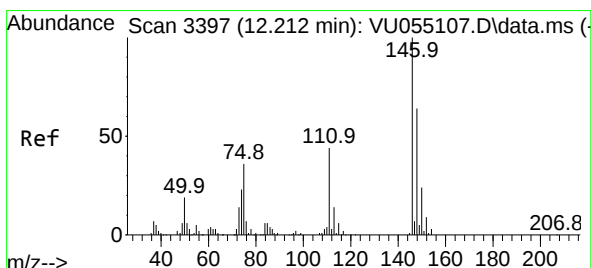
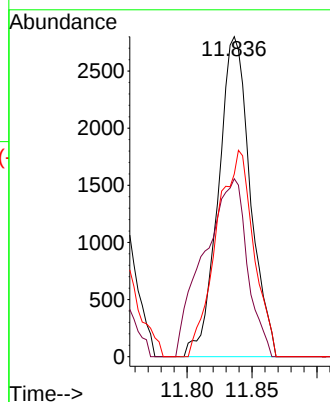
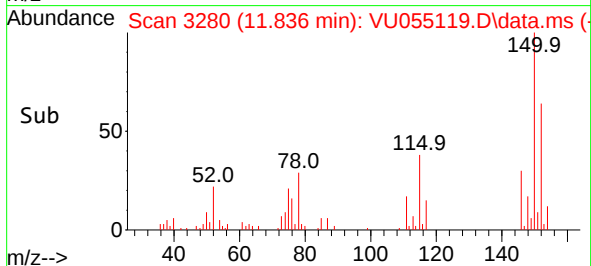


#65
1,4-Dichlorobenzene
Concen: 0.232 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49

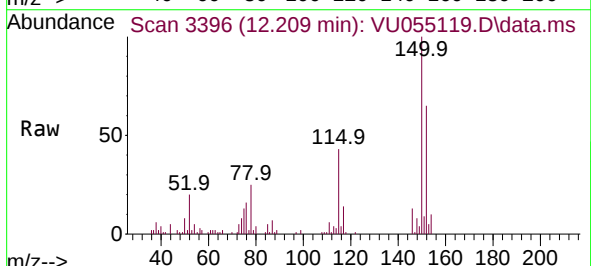
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MSVOA_U
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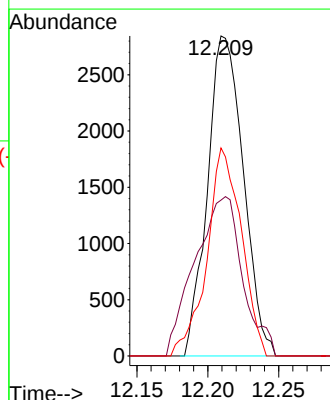
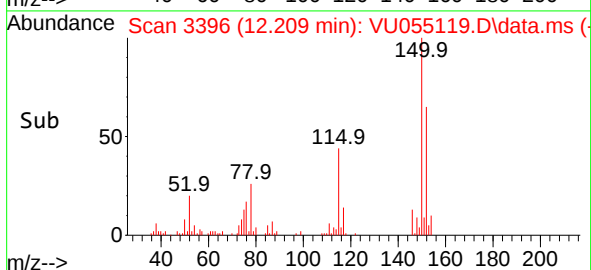
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Ion Ratio Lower Upper
146 100
111 61.9 28.1 52.1#
148 57.1 43.8 81.3

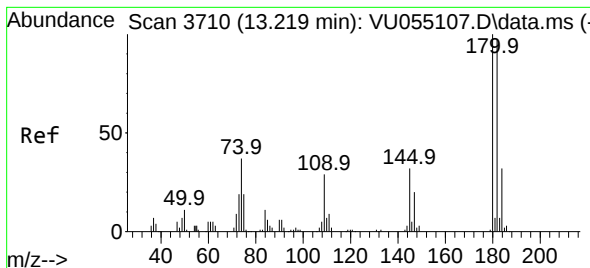


#67
1,2-Dichlorobenzene
Concen: 0.259 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. -0.003 min
Lab File: VU055119.D
Acq: 06 Sep 2023 01:49



Tgt Ion:146 Resp: 5019
Ion Ratio Lower Upper
146 100
111 48.7 35.6 53.4
148 65.0 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 1.986 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.621 min

Lab File: VU055119.D

Acq: 06 Sep 2023 01:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 31033

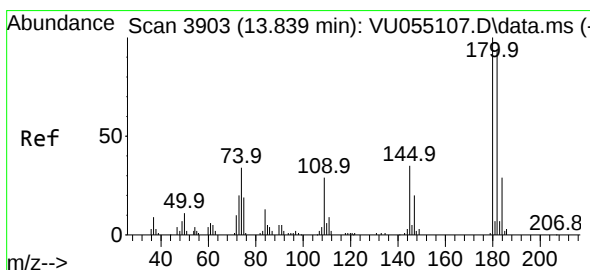
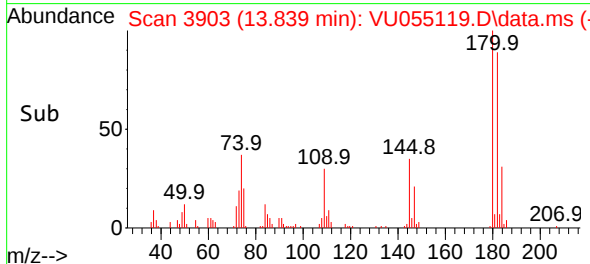
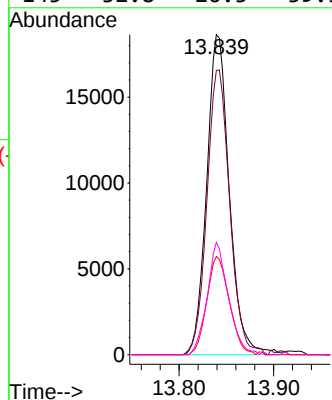
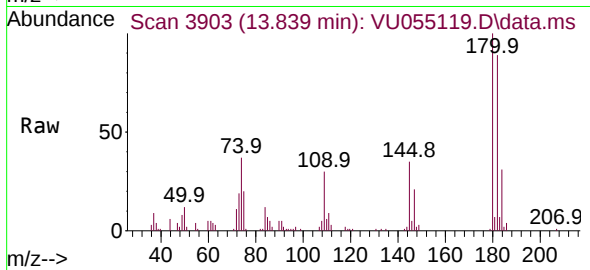
Ion Ratio Lower Upper

180 100

182 89.5 75.8 113.6

184 30.4 24.0 36.0

145 32.8 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 2.118 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055119.D

Acq: 06 Sep 2023 01:49

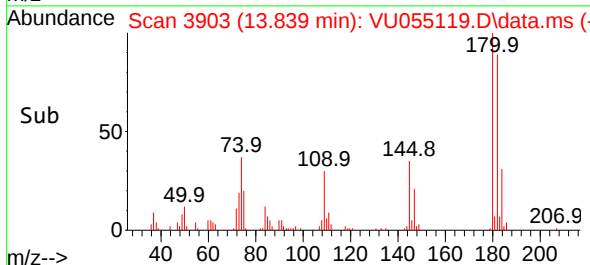
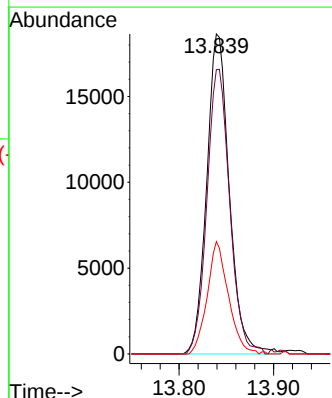
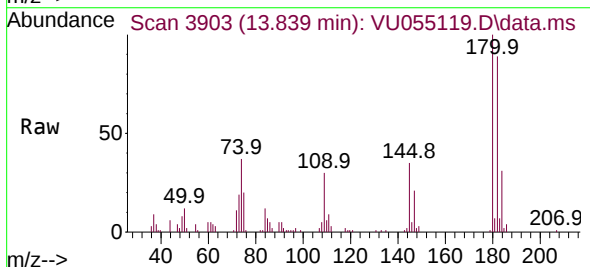
Tgt Ion:180 Resp: 31033

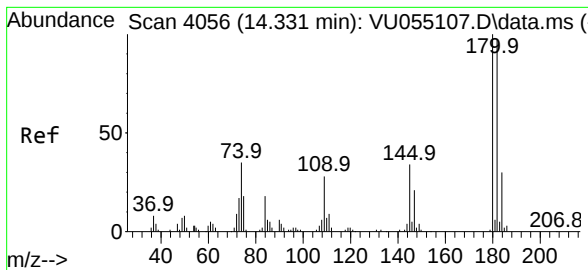
Ion Ratio Lower Upper

180 100

182 89.5 73.6 110.4

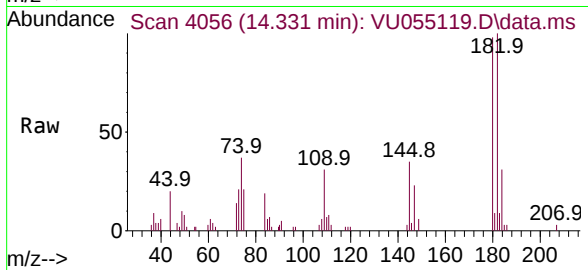
145 32.8 25.8 38.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.827 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.000 min
 Lab File: VU055119.D
 Acq: 06 Sep 2023 01:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	10521
Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.6	113.4
145	34.5	27.0	40.6

