

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055006.D
 Acq On : 30 Aug 2023 19:22
 Operator : MD/SY
 Sample : 04230-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:39:11 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)

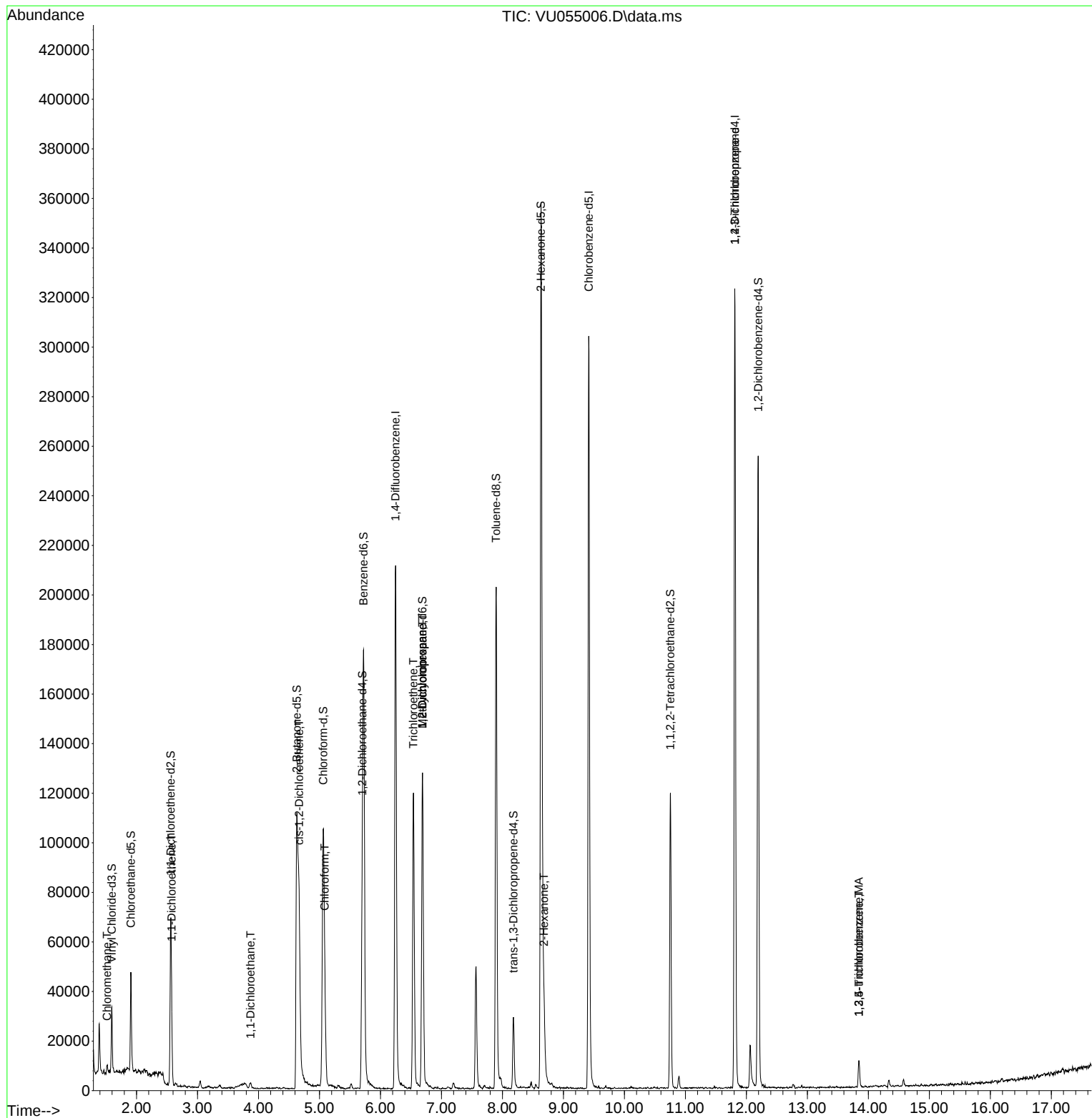
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	81191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18134	3.427	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	27260	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.560	65	12760	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.627	46	176565	61.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.640%
24) Chloroform-d	5.062	84	91194	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.701	65	53029	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.724	84	158829	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.688	67	61447	4.734	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.897	98	139441	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.180	79	17620	4.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.631	63	116091	57.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57702	5.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	63657	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2320	0.214	ug/L #	82
12) 1,1-Dichloroethene	2.576	96	5195	0.686	ug/L #	27
19) 1,1-Dichloroethane	3.869	63	2785	0.160	ug/L	87
22) cis-1,2-Dichloroethene	4.666	96	24984	2.533	ug/L	90
25) Chloroform	5.087	83	28616	1.503	ug/L	94
34) Trichloroethene	6.541	95	40194	3.744	ug/L	95
35) Methylcyclohexane	6.688	83	13835	0.871	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	7020	0.650	ug/L #	90
48) 2-Hexanone	8.682	43	13915	3.121	ug/L #	86
61) 1,2,3-Trichloropropane	11.810	75	11479	1.899	ug/L #	67
69) 1,3,5-Trichlorobenzene	13.846	180	3815	0.282	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	3815	0.360	ug/L	96

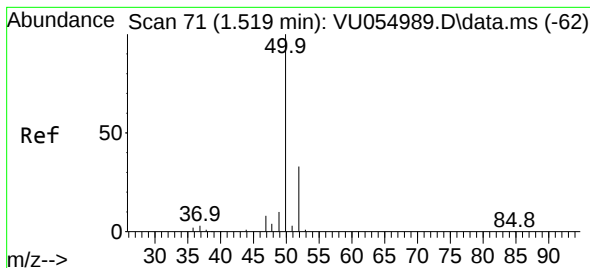
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.214 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

Instrument :

MSVOA_U

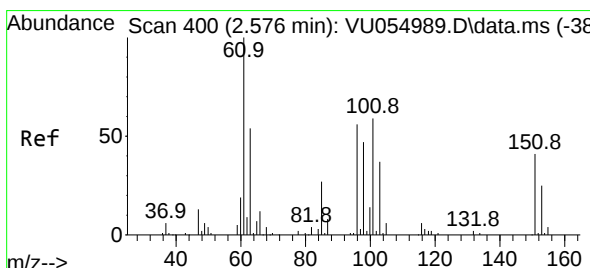
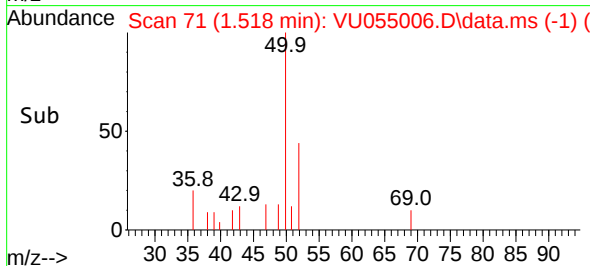
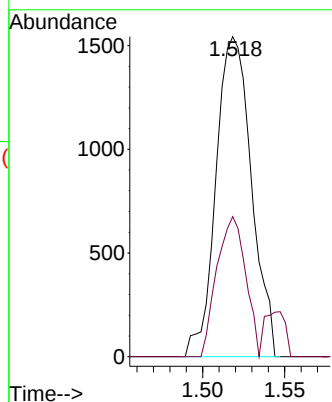
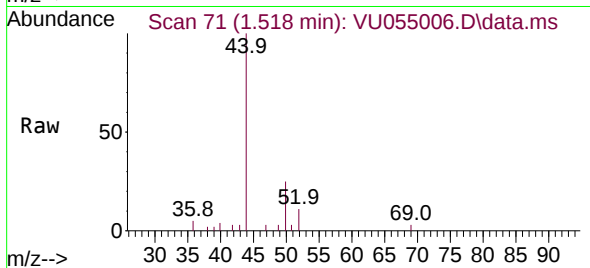
ClientSampleId :

Tgt Ion: 50 Resp: 2320

Ion Ratio Lower Upper

50 100

52 43.7 23.4 43.6#



#12

1,1-Dichloroethene

Concen: 0.686 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

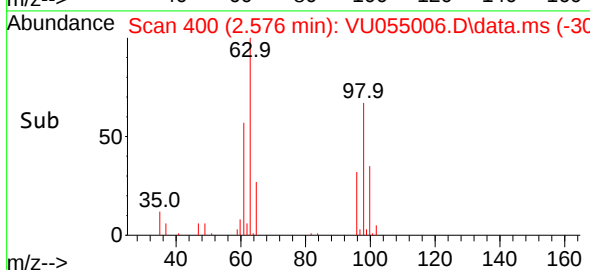
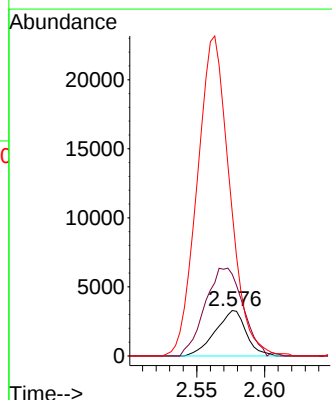
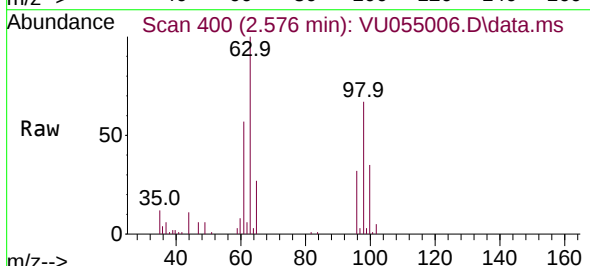
Tgt Ion: 96 Resp: 5195

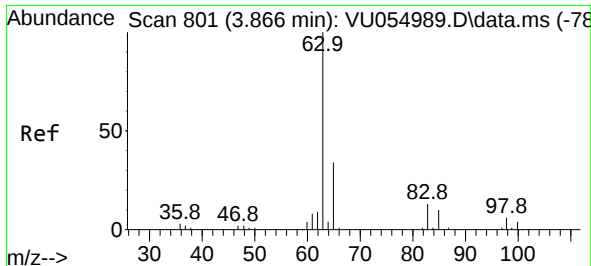
Ion Ratio Lower Upper

96 100

61 180.0 132.4 245.8

63 317.0 82.5 153.1#





#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

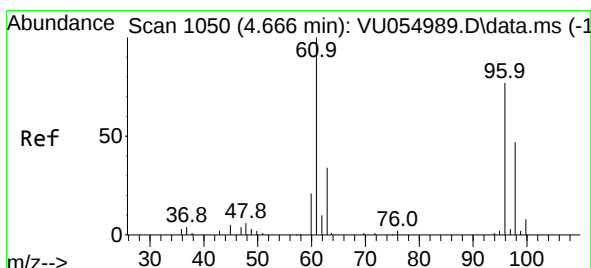
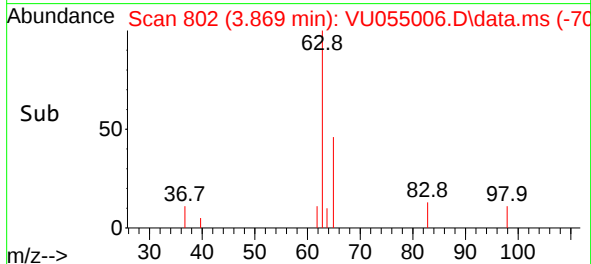
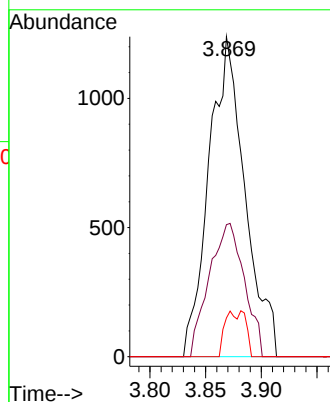
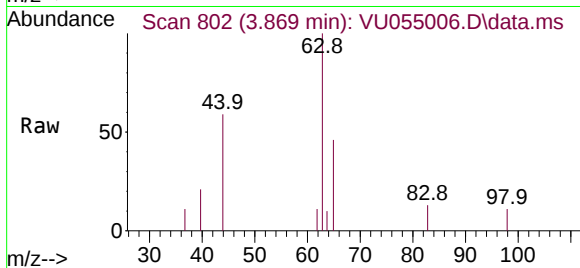
Tgt Ion: 63 Resp: 2785

Ion Ratio Lower Upper

63 100

65 41.2 22.5 41.7

83 12.1 9.5 17.7



#22

cis-1,2-Dichloroethene

Concen: 2.533 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

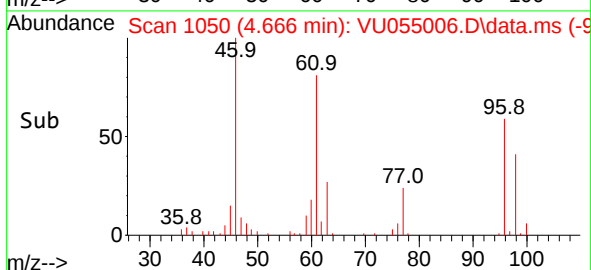
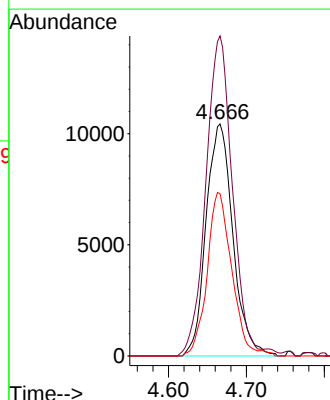
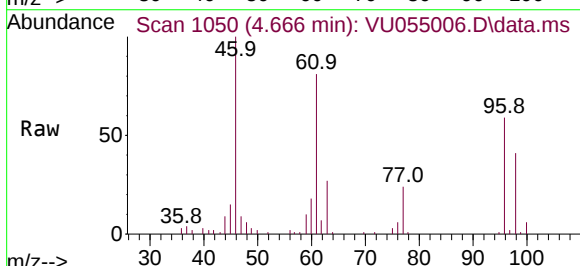
Tgt Ion: 96 Resp: 24984

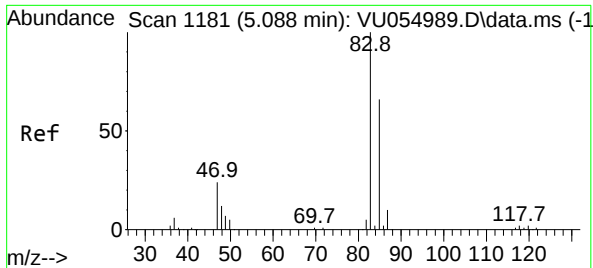
Ion Ratio Lower Upper

96 100

61 137.9 88.4 164.2

98 69.9 44.0 81.6

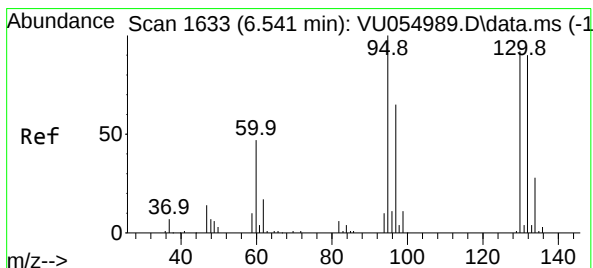
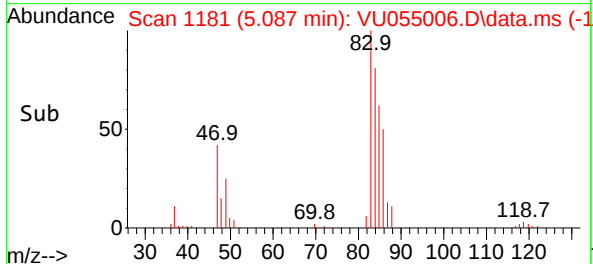
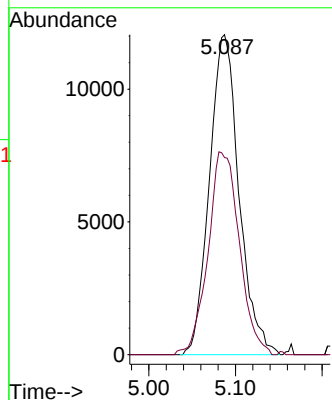
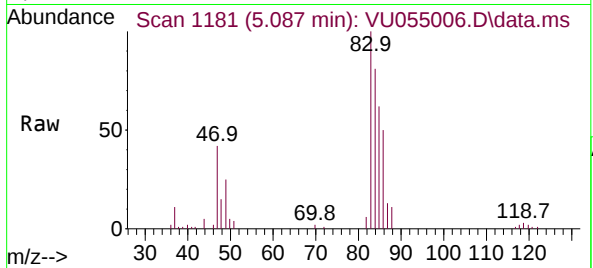




#25
Chloroform
Concen: 1.503 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VU055006.D
Acq: 30 Aug 2023 19:22

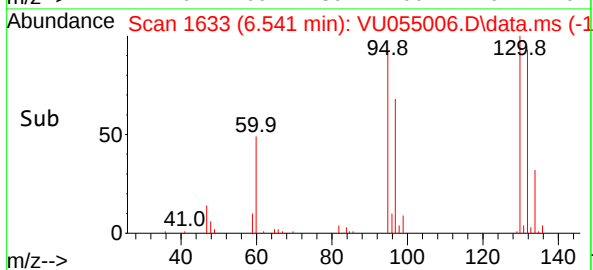
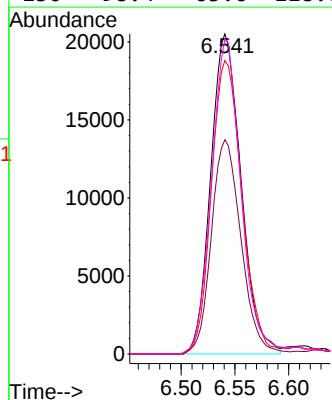
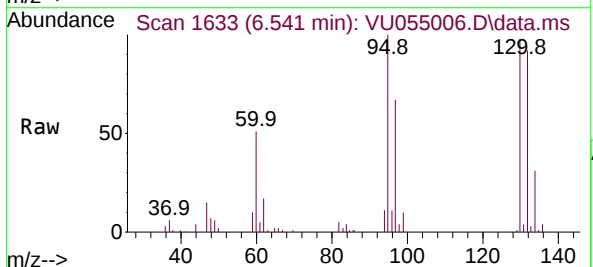
Instrument :
MSVOA_U
ClientSampleId :

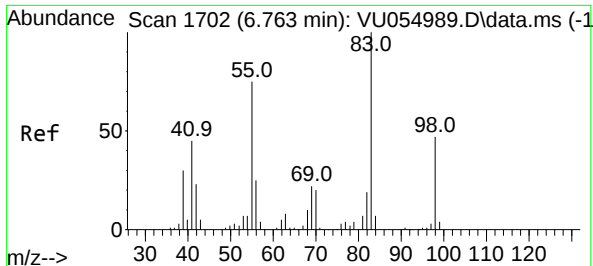
Tgt Ion: 83 Resp: 28616
Ion Ratio Lower Upper
83 100
85 61.6 46.7 86.7



#34
Trichloroethene
Concen: 3.744 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055006.D
Acq: 30 Aug 2023 19:22

Tgt Ion: 95 Resp: 40194
Ion Ratio Lower Upper
95 100
97 67.0 44.1 81.9
132 91.7 63.6 118.2
130 98.4 63.6 118.0





#35

Methylcyclohexane

Concen: 0.871 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055006.D

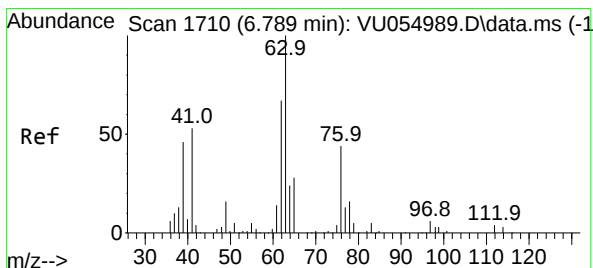
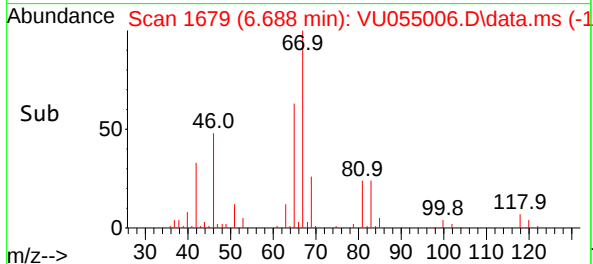
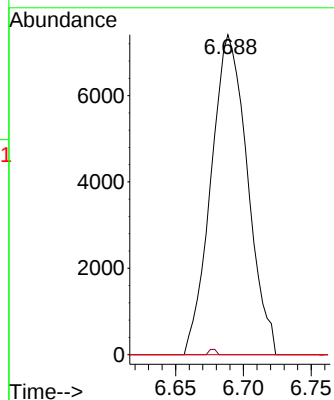
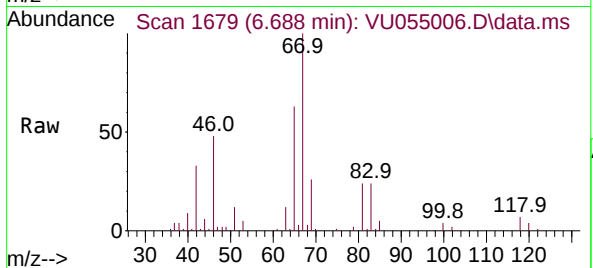
Acq: 30 Aug 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13835
Ion Ratio	Lower Upper
83	100
55	0.3 62.1 93.1#
98	0.5 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.650 ug/L

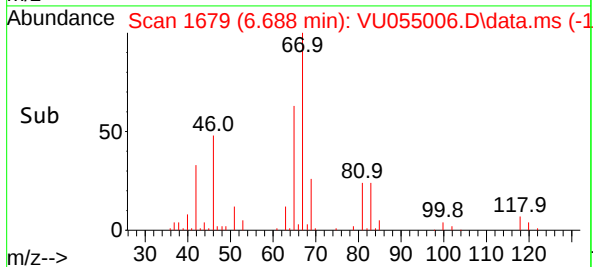
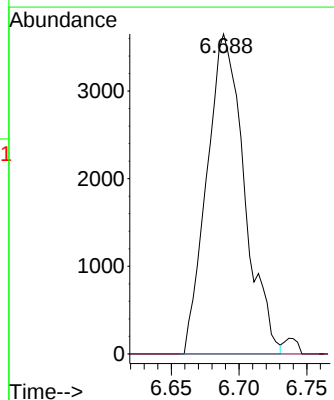
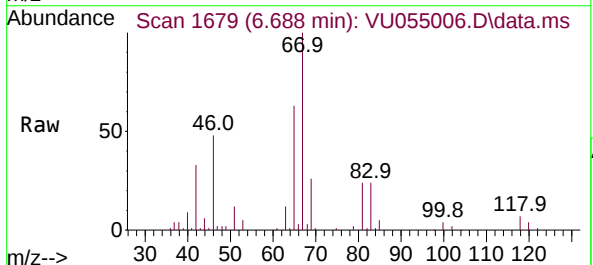
RT: 6.688 min Scan# 1679

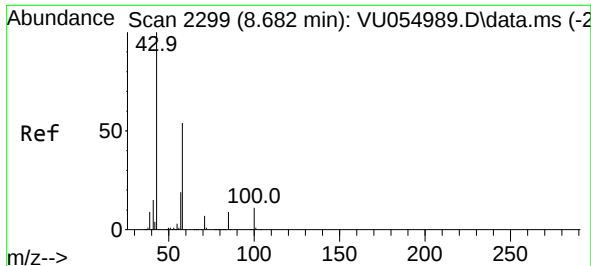
Delta R.T. -0.100 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

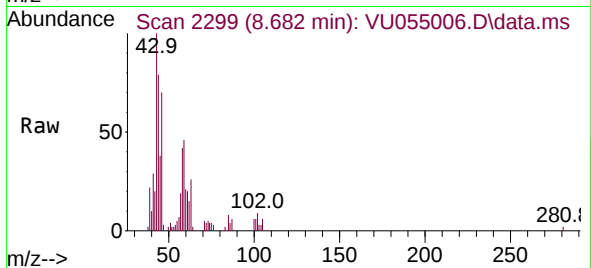
Tgt Ion: 63	Resp: 7020
Ion Ratio	Lower Upper
63	100
112	0.0 2.7 4.1#



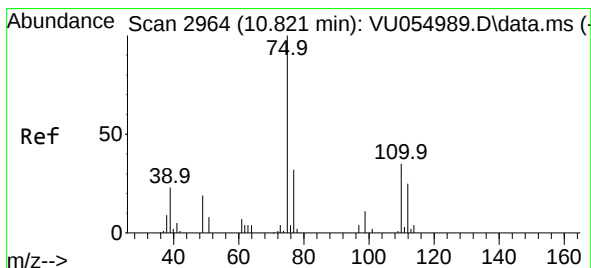
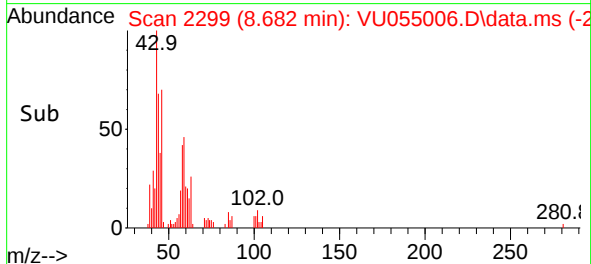
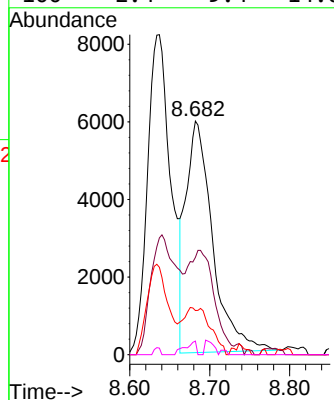


#48
2-Hexanone
Concen: 3.121 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055006.D
Acq: 30 Aug 2023 19:22

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MSVOA_U
ClientSampleId :

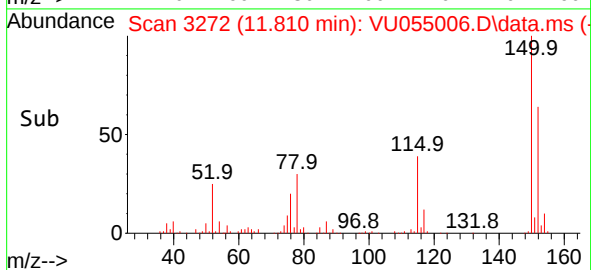
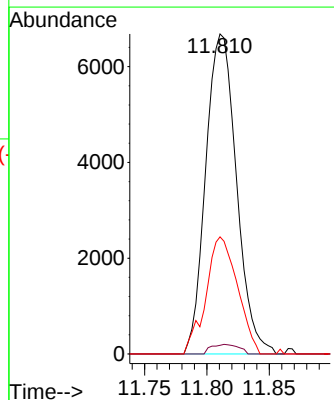
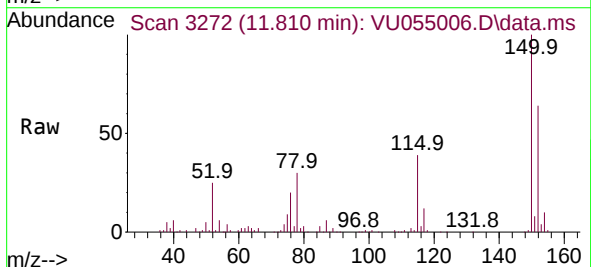


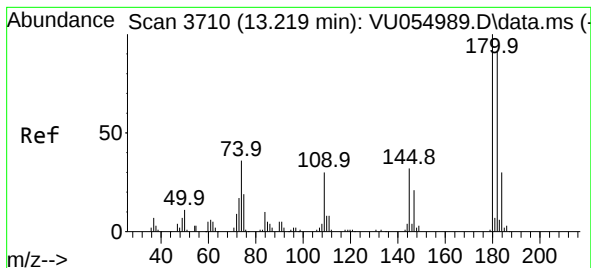
Tgt Ion:	43	Resp:	13915
Ion	Ratio	Lower	Upper
43	100		
58	42.9	44.0	66.0#
57	21.0	15.9	23.9
100	2.4	9.4	14.0#



#61
1,2,3-Trichloropropane
Concen: 1.899 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055006.D
Acq: 30 Aug 2023 19:22

Tgt Ion:	75	Resp:	11479
Ion	Ratio	Lower	Upper
75	100		
110	2.7	29.0	43.6#
77	37.4	26.5	39.7





#69

1,3,5-Trichlorobenzene

Concen: 0.282 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.627 min

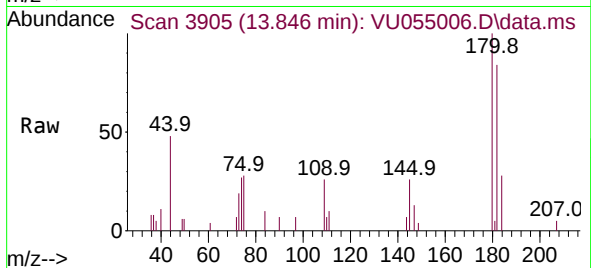
Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3815

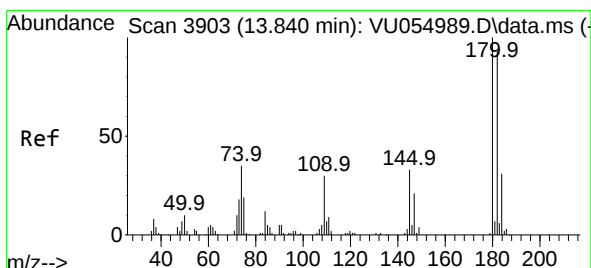
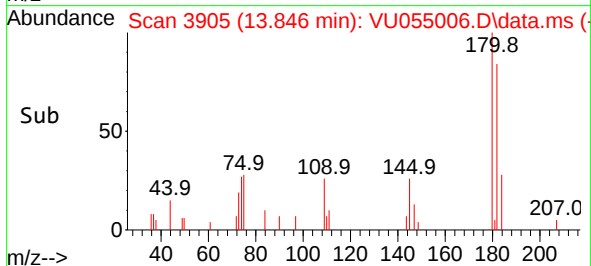
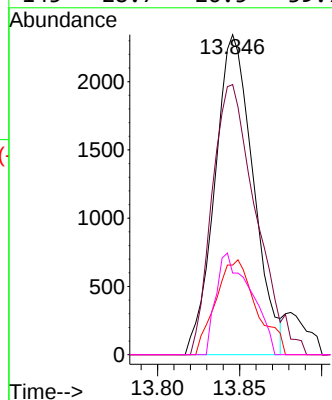
Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

184 31.3 23.6 35.4

145 28.7 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 0.360 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.006 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

Tgt Ion:180 Resp: 3815

Ion Ratio Lower Upper

180 100

182 96.3 74.9 112.3

145 28.7 25.8 38.8

