

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054979.D
 Acq On : 30 Aug 2023 01:14
 Operator : MD/SY
 Sample : 04209-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 01:43:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

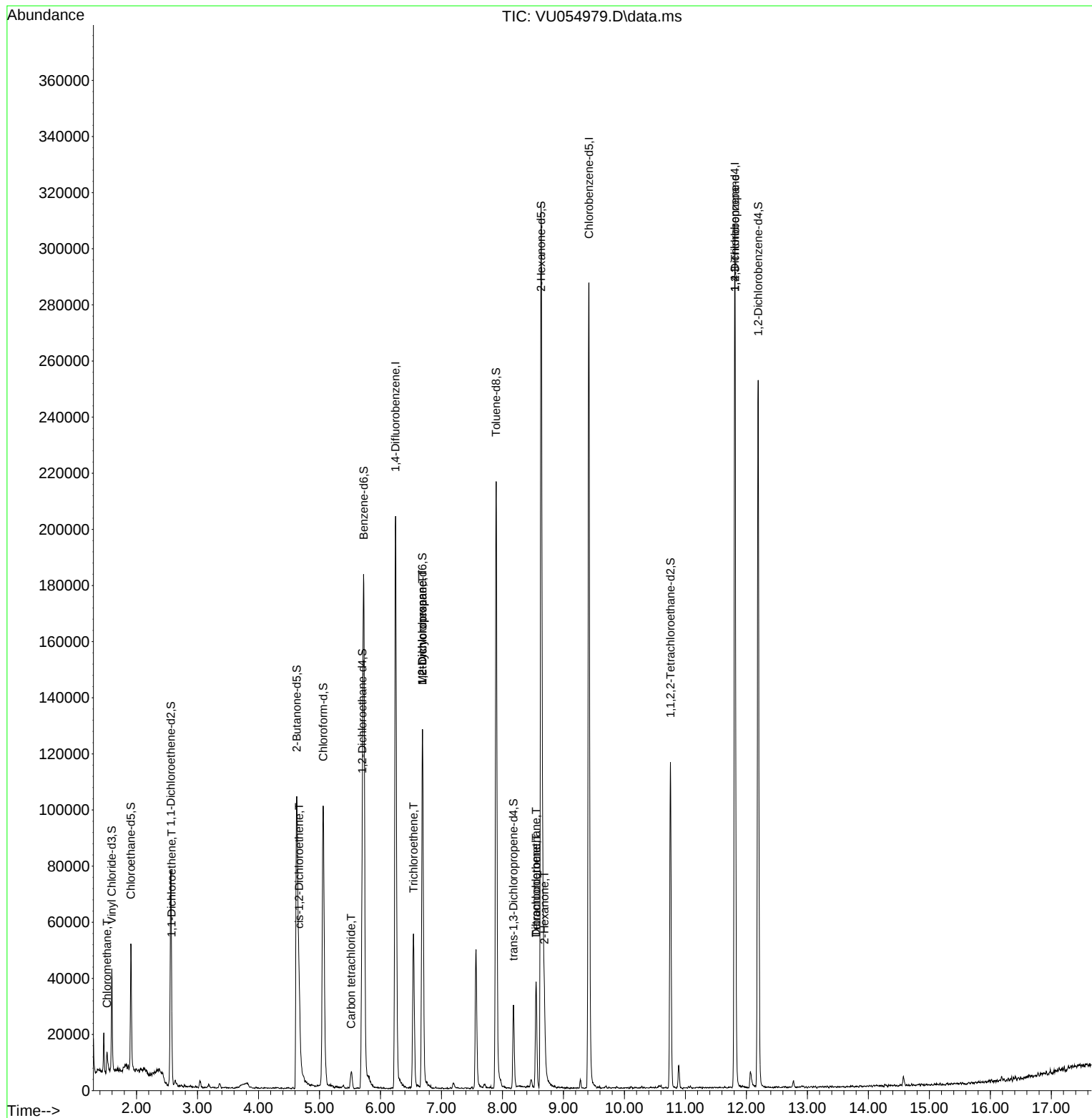
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	156102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	77278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24380	4.832	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.907	69	31282	4.799	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	14267	5.003	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.000%	
20) 2-Butanone-d5	4.628	46	163588	60.060	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.120%	
24) Chloroform-d	5.062	84	92316	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.702	65	52075	5.228	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.727	84	166193	4.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.689	67	60345	4.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.898	98	145772	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.181	79	16507	4.064	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.634	63	101092	52.442	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.880%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56589	5.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61738	5.004	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5595	0.541	ug/L	90
12) 1,1-Dichloroethene	2.576	96	927	0.128	ug/L #	1
22) cis-1,2-Dichloroethene	4.666	96	9283	0.987	ug/L	91
31) Carbon tetrachloride	5.518	117	4067	0.308	ug/L	98
34) Trichloroethene	6.544	95	18385	1.801	ug/L	94
35) Methylcyclohexane	6.689	83	13602	0.901	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	6900	0.672	ug/L #	90
47) Tetrachloroethene	8.553	164	8047	1.097	ug/L	95
48) 2-Hexanone	8.689	43	18644	4.399	ug/L #	88
49) Dibromochloromethane	8.553	129	8150	1.015	ug/L #	6
61) 1,2,3-Trichloropropane	11.814	75	10795	1.876	ug/L #	69

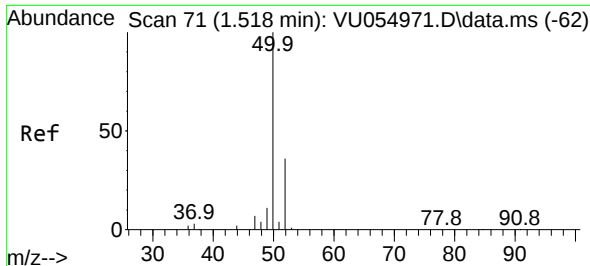
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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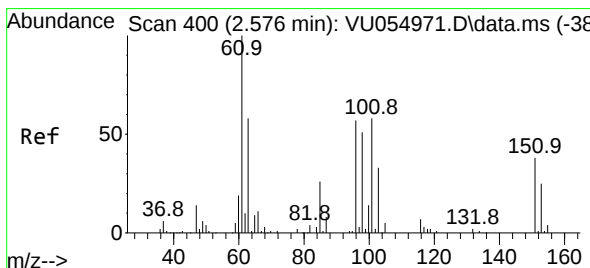
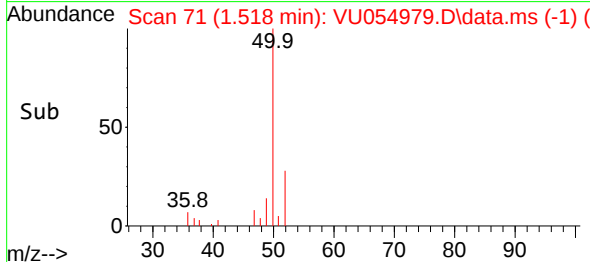
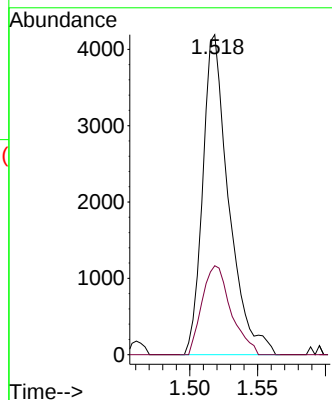
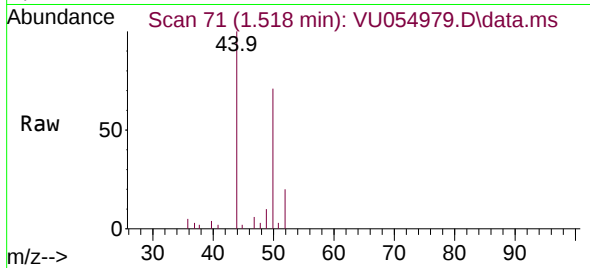




#3
Chloromethane
Concen: 0.541 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054979.D
Acq: 30 Aug 2023 01:14

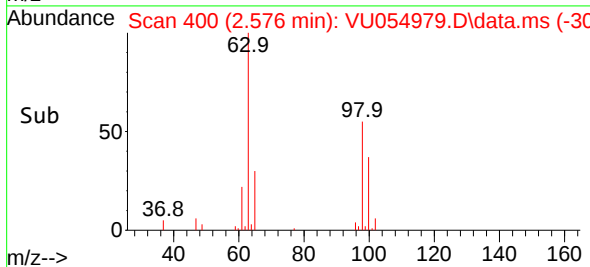
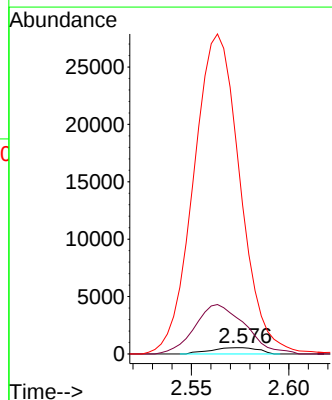
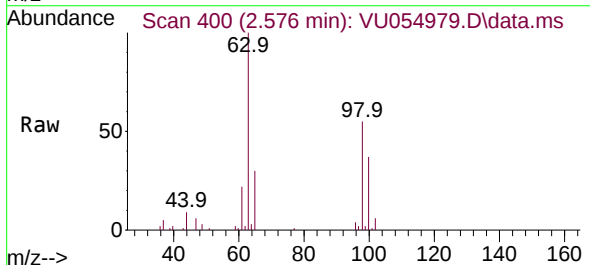
Instrument :
MSVOA_U
ClientSampleId :

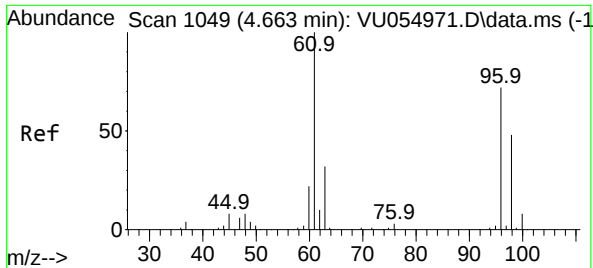
Tgt Ion: 50 Resp: 5595
Ion Ratio Lower Upper
50 100
52 27.8 23.4 43.6



#12
1,1-Dichloroethene
Concen: 0.128 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054979.D
Acq: 30 Aug 2023 01:14

Tgt Ion: 96 Resp: 927
Ion Ratio Lower Upper
96 100
61 356.2 132.4 245.8#
63 1653.1 82.5 153.1#





#22

cis-1,2-Dichloroethene

Concen: 0.987 ug/L

RT: 4.666 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU054979.D

Acq: 30 Aug 2023 01:14

Instrument :

MSVOA_U

ClientSampleId :

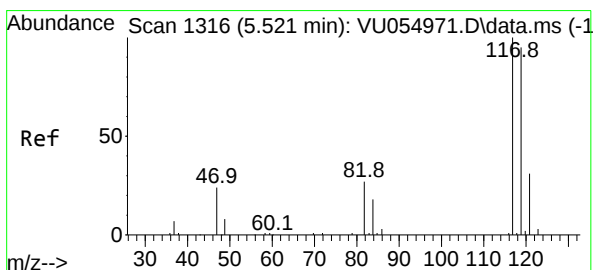
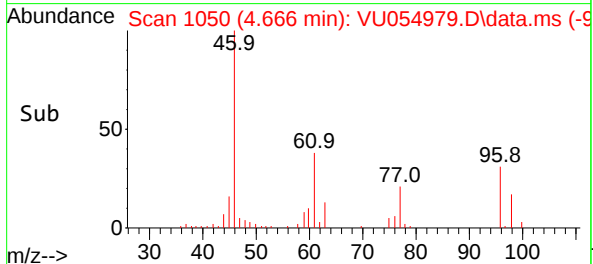
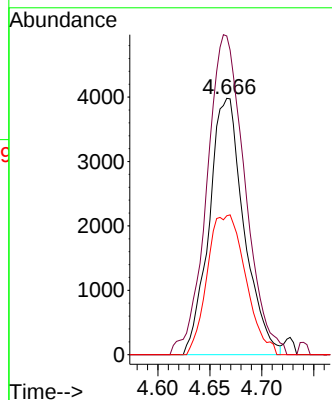
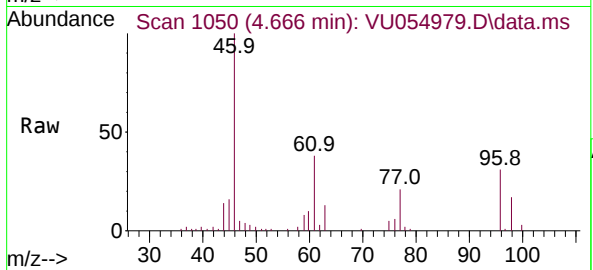
Tgt Ion: 96 Resp: 9283

Ion Ratio Lower Upper

96 100

61 119.3 88.4 164.2

98 51.9 44.0 81.6



#31

Carbon tetrachloride

Concen: 0.308 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU054979.D

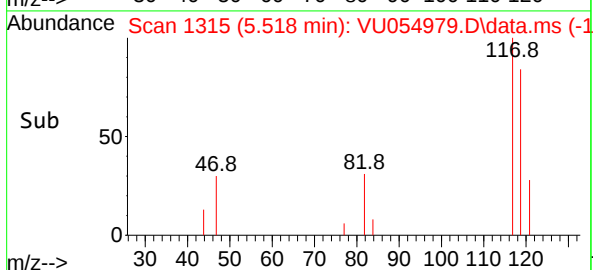
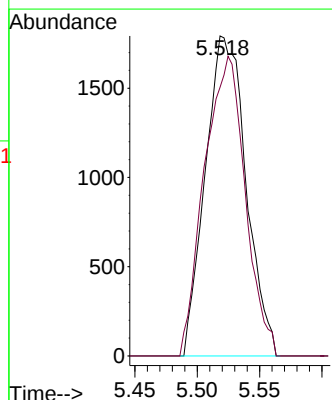
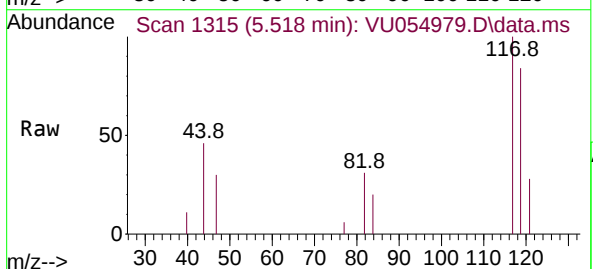
Acq: 30 Aug 2023 01:14

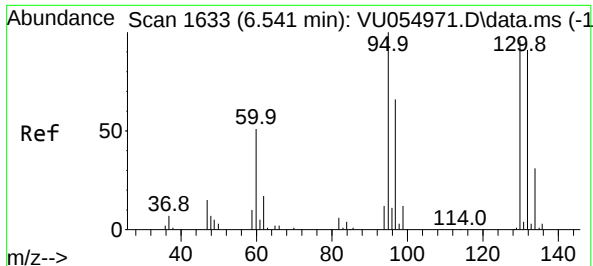
Tgt Ion: 117 Resp: 4067

Ion Ratio Lower Upper

117 100

119 93.8 76.6 115.0





#34

Trichloroethene

Concen: 1.801 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.003 min

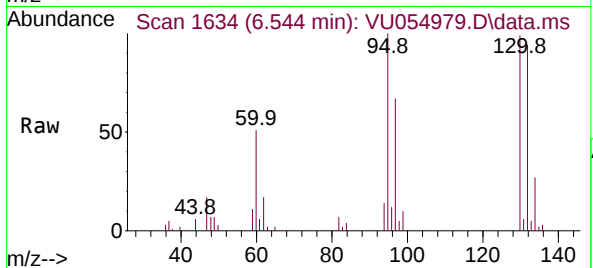
Lab File: VU054979.D

Acq: 30 Aug 2023 01:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 18385

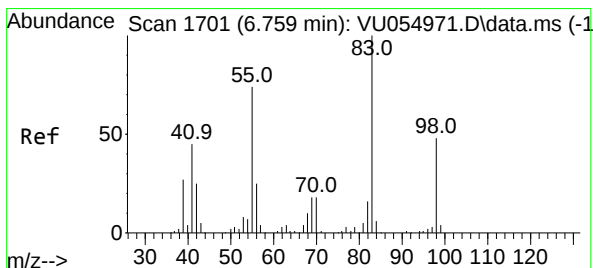
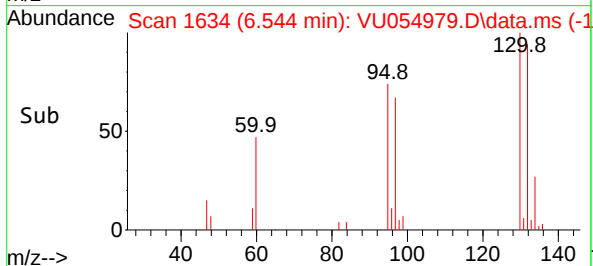
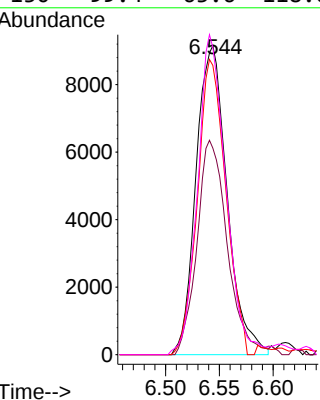
Ion Ratio Lower Upper

95 100

97 66.8 44.1 81.9

132 93.6 63.6 118.2

130 99.4 63.6 118.0



#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054979.D

Acq: 30 Aug 2023 01:14

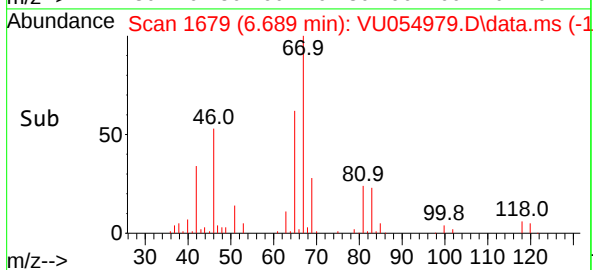
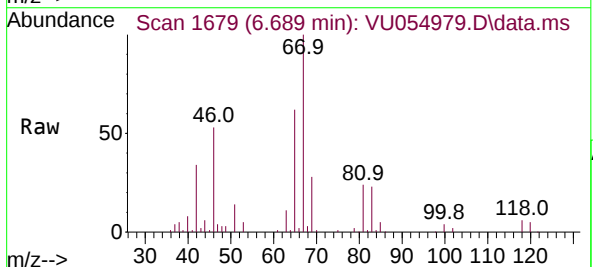
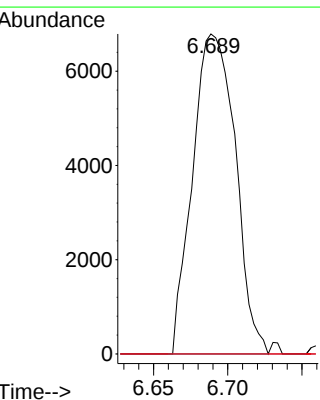
Tgt Ion: 83 Resp: 13602

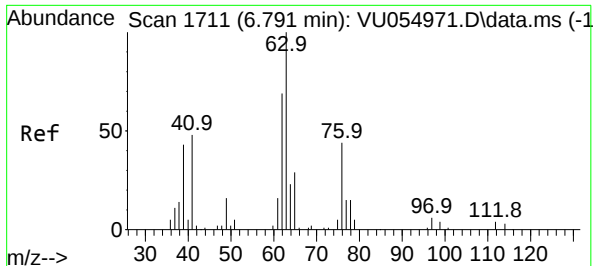
Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

98 0.5 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054979.D

Acq: 30 Aug 2023 01:14

Instrument :

MSVOA_U

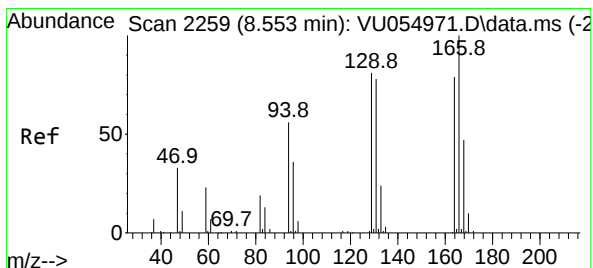
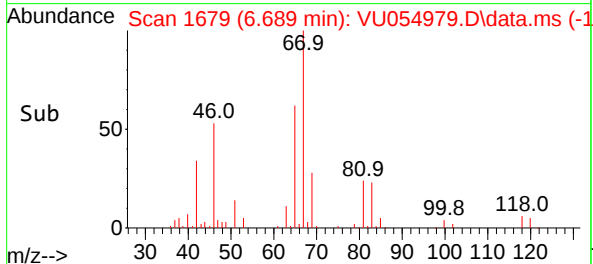
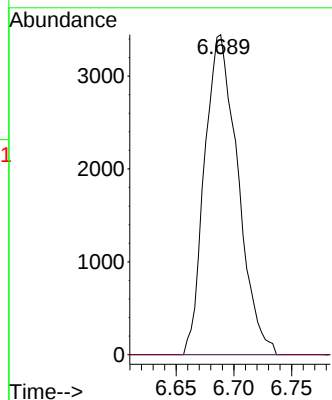
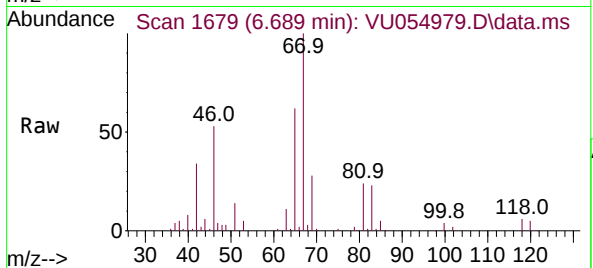
ClientSampleId :

Tgt Ion: 63 Resp: 6900

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 1.097 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.000 min

Lab File: VU054979.D

Acq: 30 Aug 2023 01:14

Tgt Ion:164 Resp: 8047

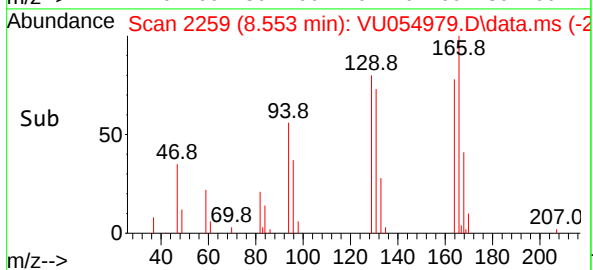
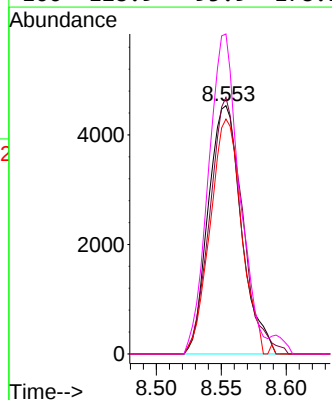
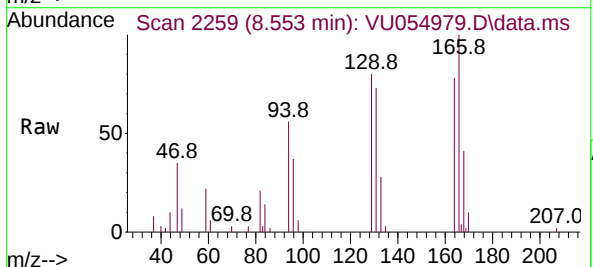
Ion Ratio Lower Upper

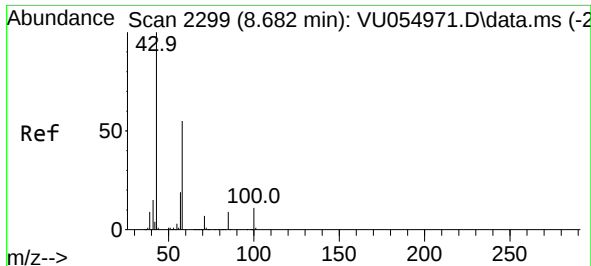
164 100

129 103.4 72.8 135.2

131 94.6 70.7 131.3

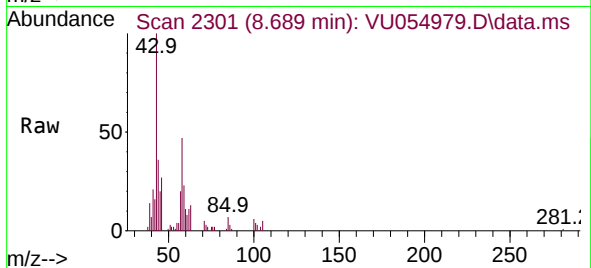
166 128.9 95.9 178.1



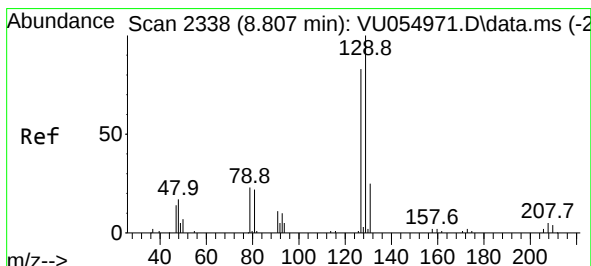
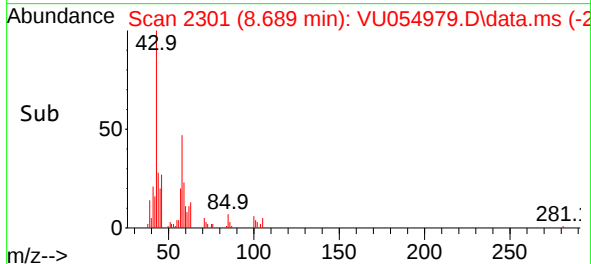
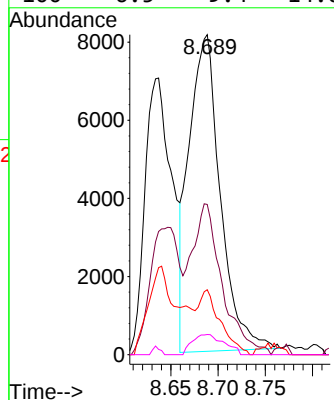


#48
2-Hexanone
Concen: 4.399 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054979.D
Acq: 30 Aug 2023 01:14

Instrument :
MSVOA_U
ClientSampleId :

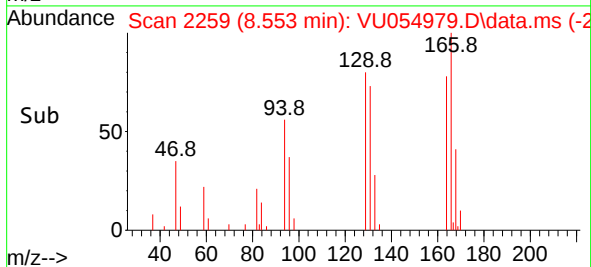
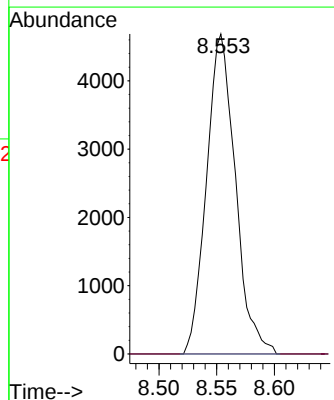
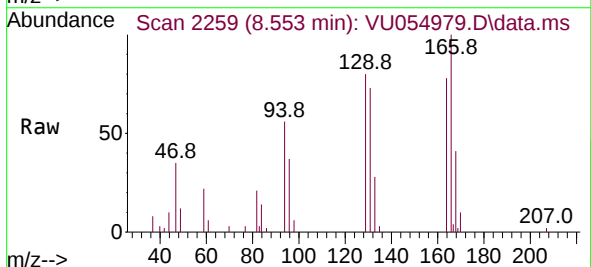


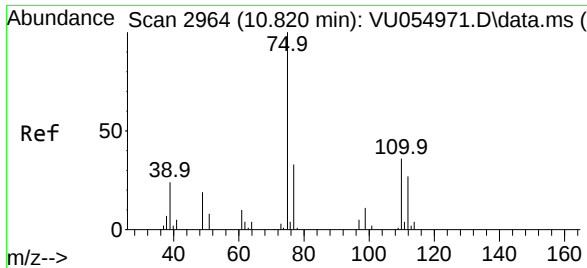
Tgt Ion: 43	Resp: 18644
Ion Ratio	Lower Upper
43	100
58	47.1 44.0 66.0
57	14.1 15.9 23.9#
100	6.5 9.4 14.0#



#49
Dibromochloromethane
Concen: 1.015 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU054979.D
Acq: 30 Aug 2023 01:14

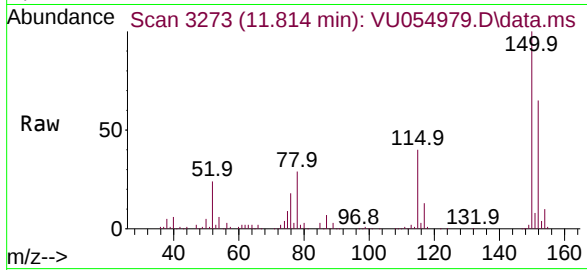
Tgt Ion: 129	Resp: 8150
Ion Ratio	Lower Upper
129	100
127	0.0 60.5 112.5#





#61
1,2,3-Trichloropropane
Concen: 1.876 ug/L
RT: 11.814 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU054979.D
Acq: 30 Aug 2023 01:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	10795
Ion	Ratio	Lower	Upper
75	100		
110	2.8	29.0	43.6#
77	35.1	26.5	39.7

