

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054978.D
 Acq On : 30 Aug 2023 00:49
 Operator : MD/SY
 Sample : 04209-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 01:43:22 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)

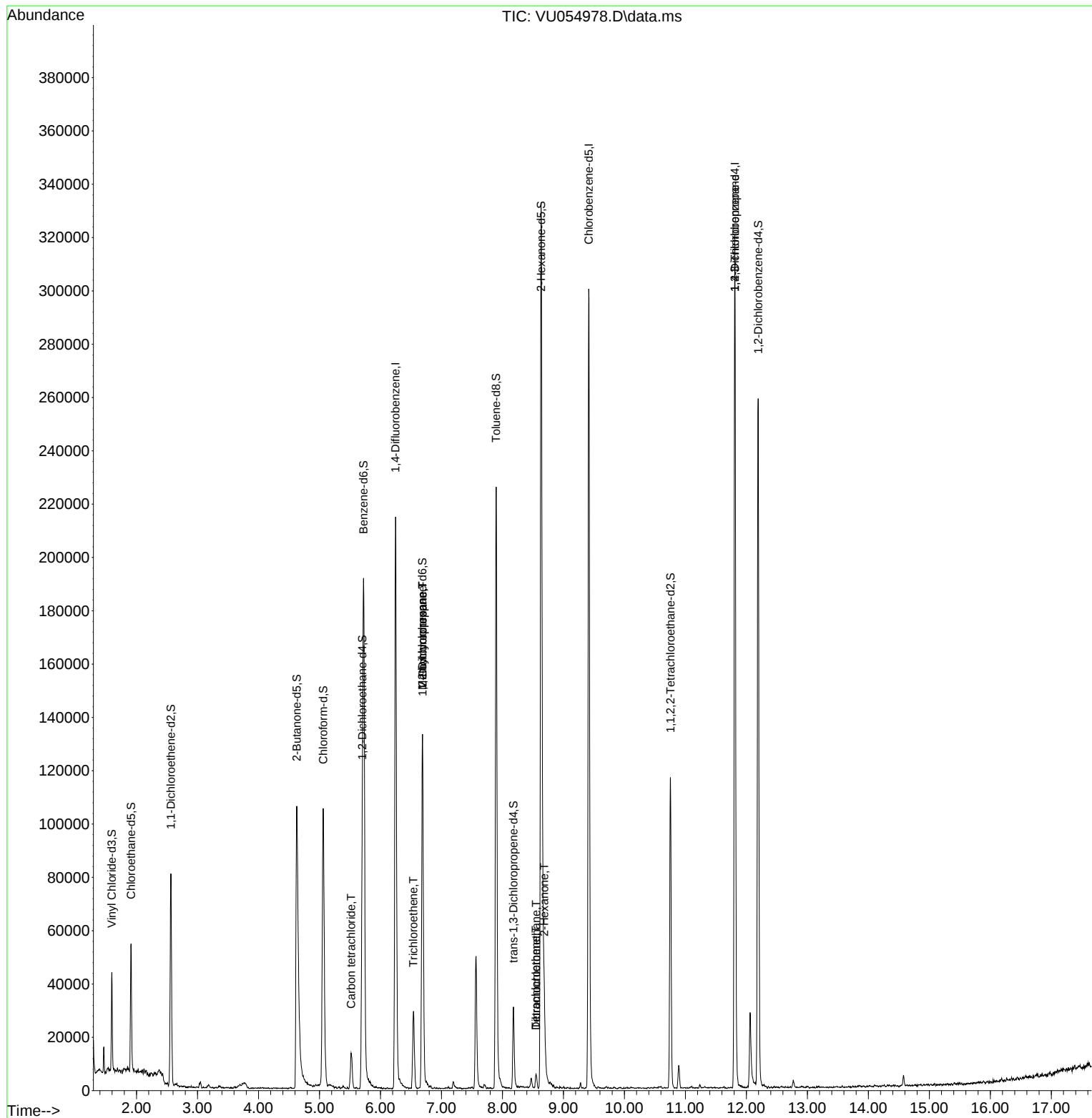
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167564	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	161497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25078	4.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.911	69	34508	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.563	65	15017	5.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.628	46	170298	59.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.300%
24) Chloroform-d	5.062	84	92151	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.701	65	56468	5.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.724	84	176632	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.689	67	63731	4.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.898	98	153216	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.180	79	17801	4.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.634	63	111480	55.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.800%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57424	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	65640	4.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
31) Carbon tetrachloride	5.518	117	9182	0.672	ug/L	95
34) Trichloroethene	6.541	95	8771	0.831	ug/L	79
35) Methylcyclohexane	6.689	83	14670	0.939	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	7206	0.678	ug/L #	90
47) Tetrachloroethene	8.550	164	1096	0.144	ug/L	96
48) 2-Hexanone	8.685	43	16572	3.779	ug/L #	93
49) Dibromochloromethane	8.553	129	1143	0.138	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	11457	1.854	ug/L #	68

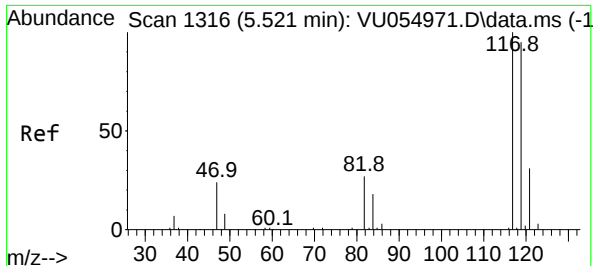
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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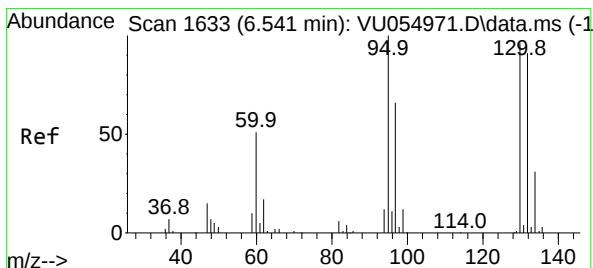
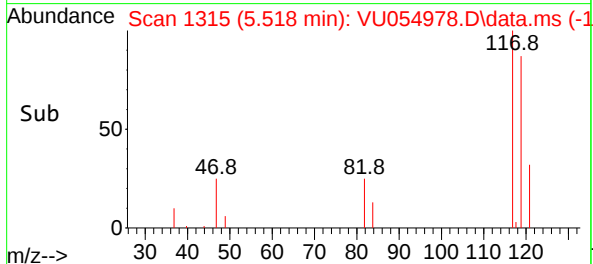
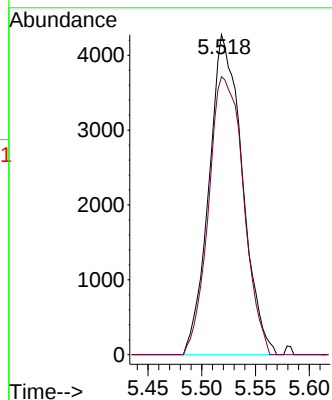
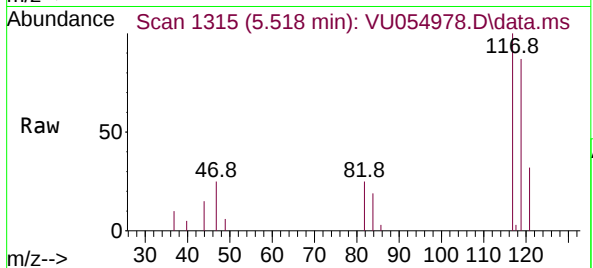




#31
Carbon tetrachloride
Concen: 0.672 ug/L
RT: 5.518 min Scan# 1117
Delta R.T. -0.003 min
Lab File: VU054978.D
Acq: 30 Aug 2023 00:49

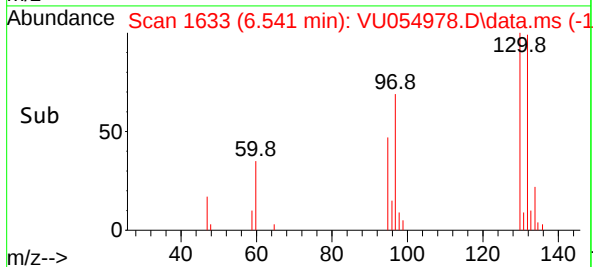
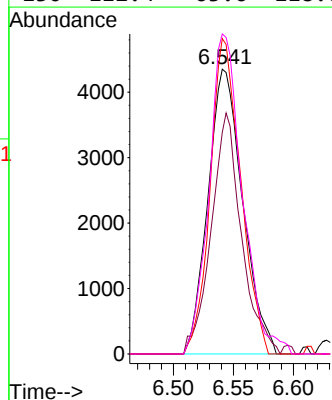
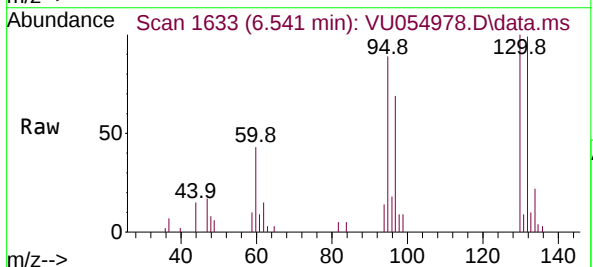
Instrument :
MSVOA_U
ClientSampleId :

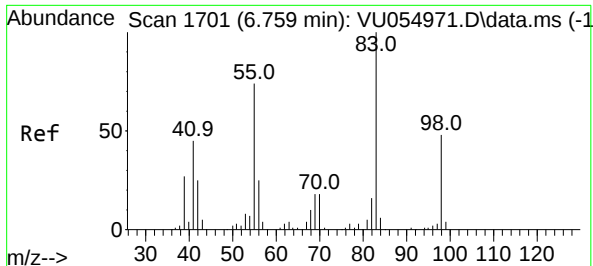
Tgt Ion:117 Resp: 9182
Ion Ratio Lower Upper
117 100
119 90.9 76.6 115.0



#34
Trichloroethene
Concen: 0.831 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054978.D
Acq: 30 Aug 2023 00:49

Tgt Ion: 95 Resp: 8771
Ion Ratio Lower Upper
95 100
97 77.8 44.1 81.9
132 110.7 63.6 118.2
130 112.4 63.6 118.0





#35

Methylcyclohexane

Concen: 0.939 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054978.D

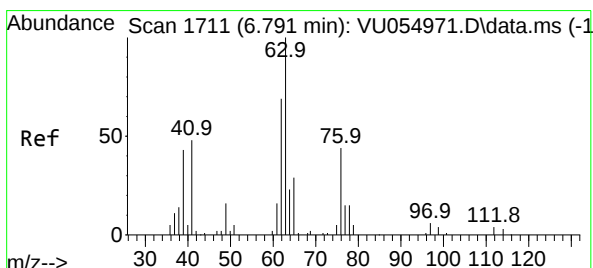
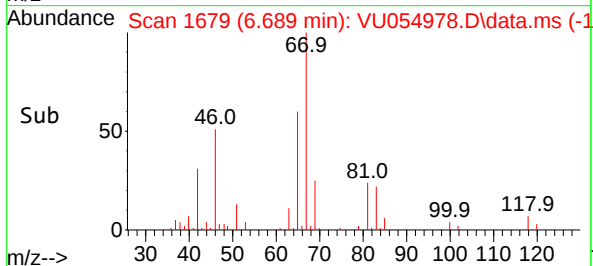
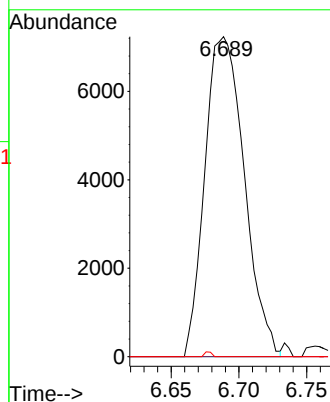
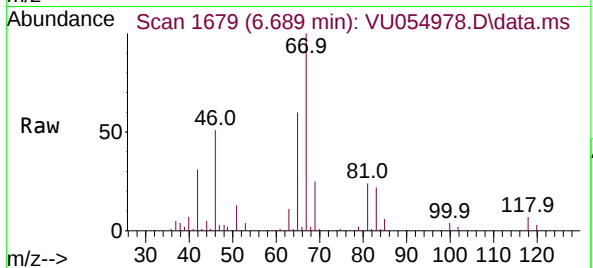
Acq: 30 Aug 2023 00:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14670
Ion Ratio	Lower Upper
83 100	
55 0.0	62.1 93.1#
98 0.3	37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.678 ug/L

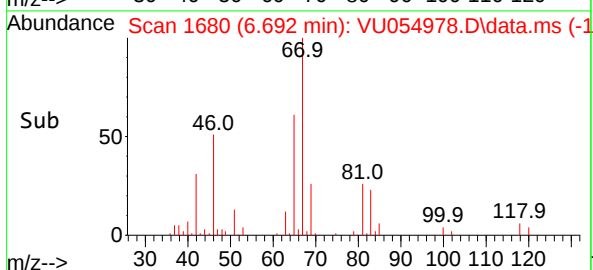
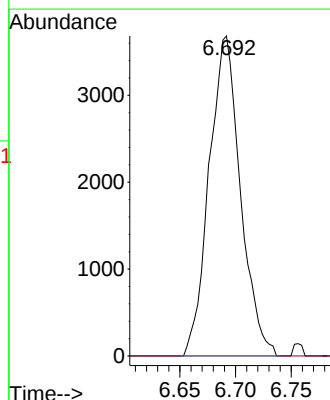
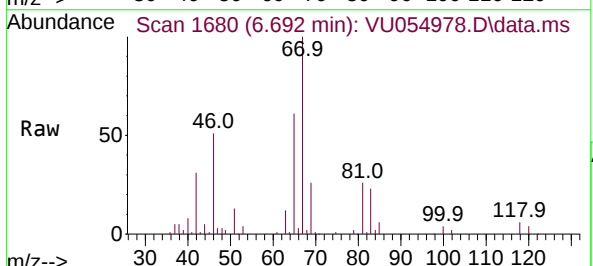
RT: 6.692 min Scan# 1680

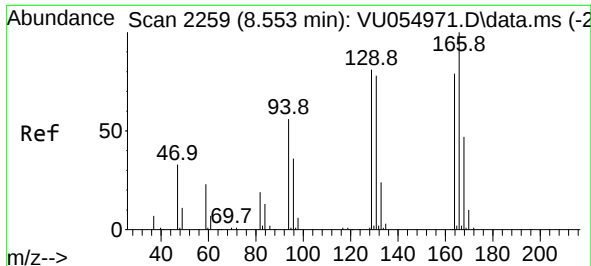
Delta R.T. -0.100 min

Lab File: VU054978.D

Acq: 30 Aug 2023 00:49

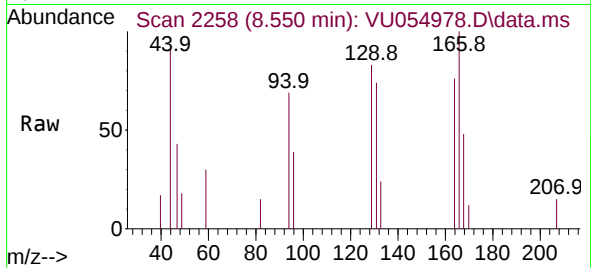
Tgt Ion: 63	Resp: 7206
Ion Ratio	Lower Upper
63 100	
112 0.0	2.7 4.1#



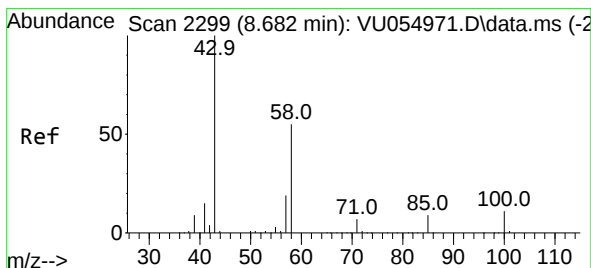
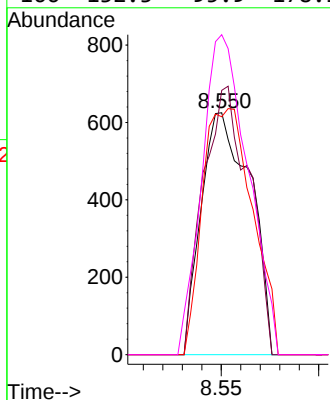
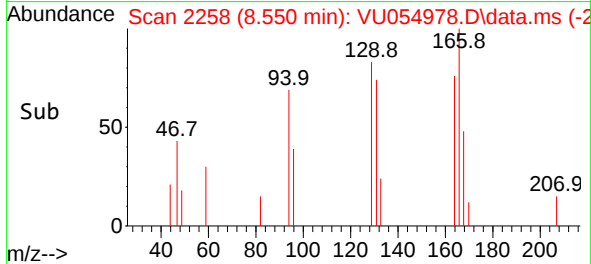


#47
Tetrachloroethene
Concen: 0.144 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054978.D
Acq: 30 Aug 2023 00:49

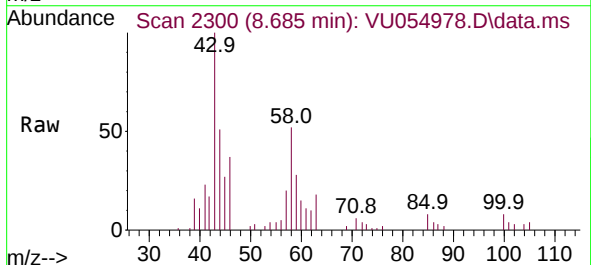
Instrument :
MSVOA_U
ClientSampleId :



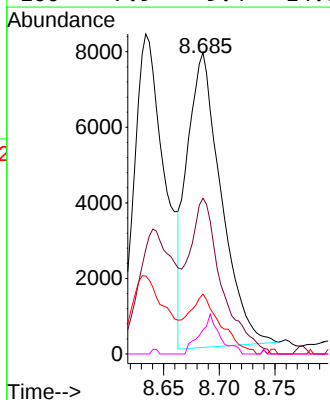
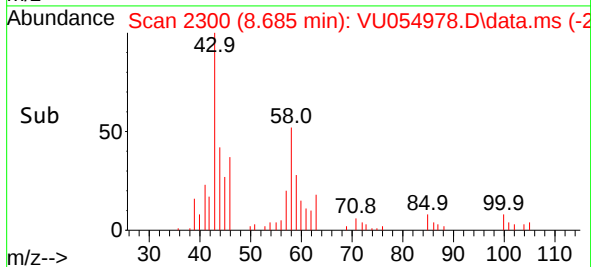
Tgt Ion:164	Resp:	1096
Ion	Ratio	Lower Upper
164	100	
129	109.3	72.8 135.2
131	98.4	70.7 131.3
166	132.3	95.9 178.1

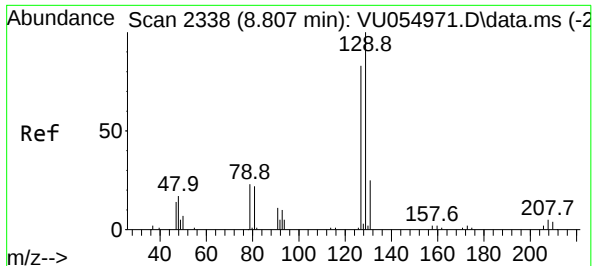


#48
2-Hexanone
Concen: 3.779 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054978.D
Acq: 30 Aug 2023 00:49



Tgt Ion: 43	Resp:	16572
Ion	Ratio	Lower Upper
43	100	
58	49.4	44.0 66.0
57	18.6	15.9 23.9
100	7.9	9.4 14.0





#49

Dibromochloromethane

Concen: 0.138 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054978.D

Acq: 30 Aug 2023 00:49

Instrument :

MSVOA_U

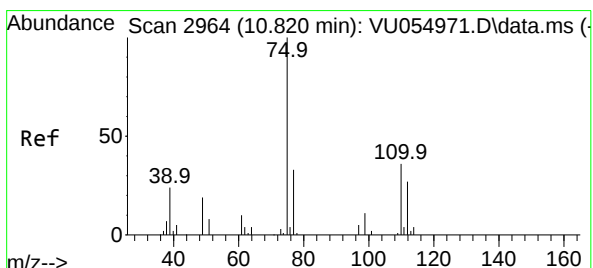
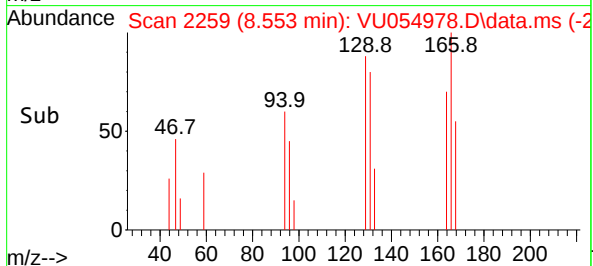
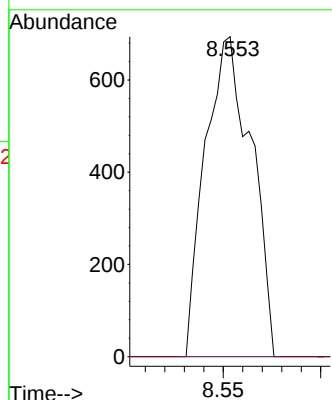
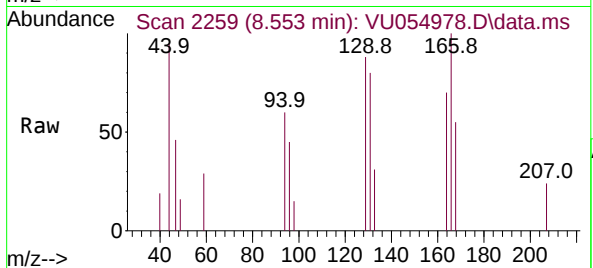
ClientSampleId :

Tgt Ion:129 Resp: 1143

Ion Ratio Lower Upper

129 100

127 0.0 60.5 112.5#



#61

1,2,3-Trichloropropane

Concen: 1.854 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU054978.D

Acq: 30 Aug 2023 00:49

Tgt Ion: 75 Resp: 11457

Ion Ratio Lower Upper

75 100

110 2.1 29.0 43.6#

77 35.0 26.5 39.7

