

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057598.D
 Acq On : 24 Jan 2024 04:00
 Operator : MD/SY
 Sample : P1227-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 05:27:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

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

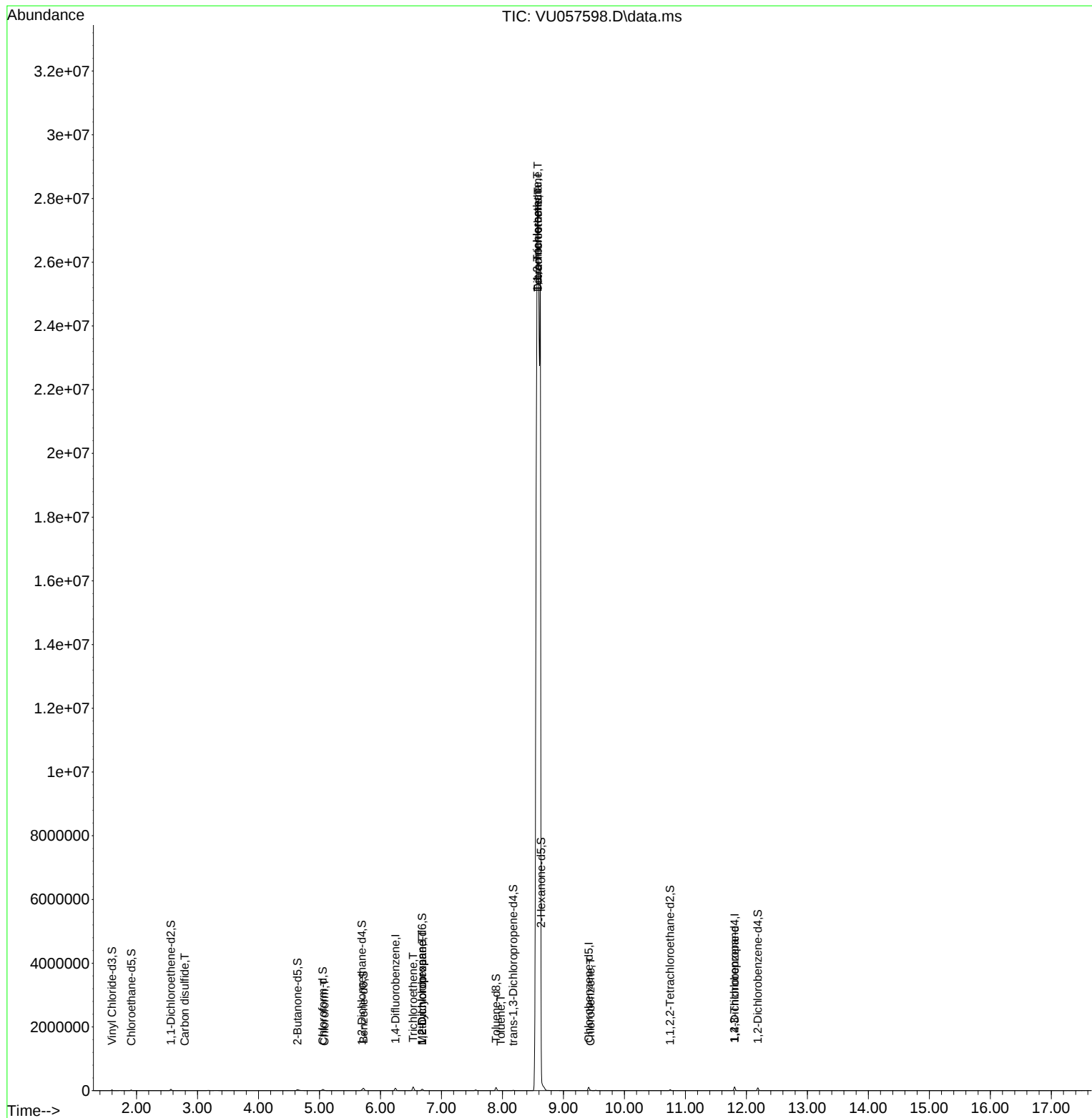
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	61599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	57036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17348	5.111	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.914	69	14326	5.038	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.800%		
11) 1,1-Dichloroethene-d2	2.563	65	7829	4.906	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	4.637	46	36226	56.580	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 113.160%		
24) Chloroform-d	5.055	84	34345	4.985	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.800%		
26) 1,2-Dichloroethane-d4	5.695	65	16835	5.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.600%		
32) Benzene-d6	5.721	84	69892	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.400%		
36) 1,2-Dichloropropane-d6	6.685	67	21531	5.336	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.800%		
41) Toluene-d8	7.894	98	67282	5.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
43) trans-1,3-Dichloroprop...	8.177	79	8038	4.998	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.000%		
46) 2-Hexanone-d5	8.634	63	23005	44.832	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 89.660%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15155	5.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	22513	5.374	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.400%		
Target Compounds						Qvalue
14) Carbon disulfide	2.792	76	1507	0.104	ug/L #	75
25) Chloroform	5.081	83	3074	0.333	ug/L	98
34) Trichloroethene	6.537	95	40348	7.481	ug/L	95
35) Methylcyclohexane	6.685	83	4795	0.550	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2386	0.488	ug/L #	89
42) Toluene	7.971	91	2578	0.122	ug/L	100
45) 1,1,2-Trichloroethane	8.573	97	126088	39.608	ug/L #	14
47) Tetrachloroethene	8.582	164	13574968	3425.187	ug/L	95
49) Dibromochloromethane	8.579	129	12598241	3056.144	ug/L #	10
51) Chlorobenzene	9.444	112	4622	0.349	ug/L	94
61) 1,2,3-Trichloropropane	11.804	75	3835	1.280	ug/L #	66

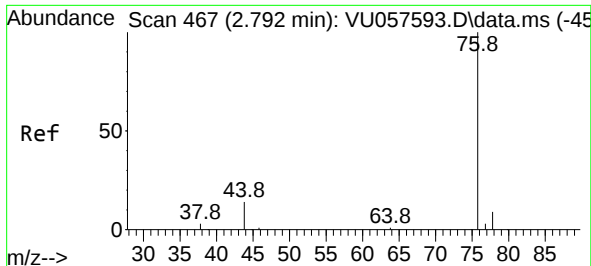
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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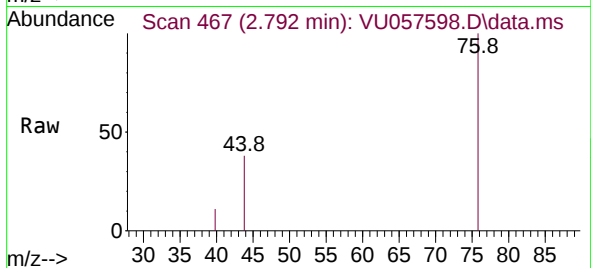
Quant Time: Jan 24 05:27:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
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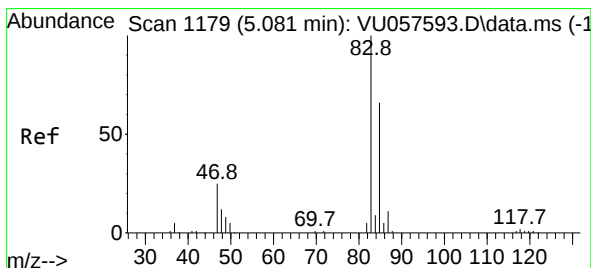
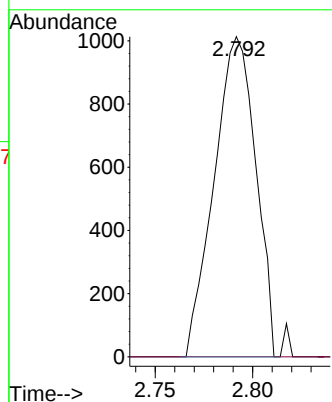
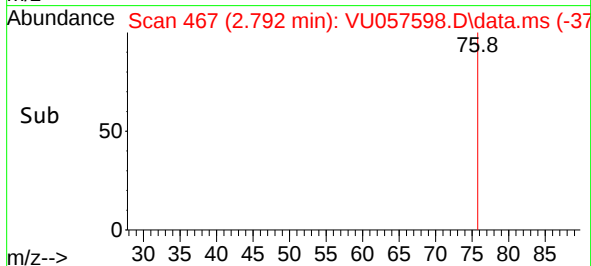


#14
Carbon disulfide
Concen: 0.104 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

Instrument :
MSVOA_U
ClientSampleId :

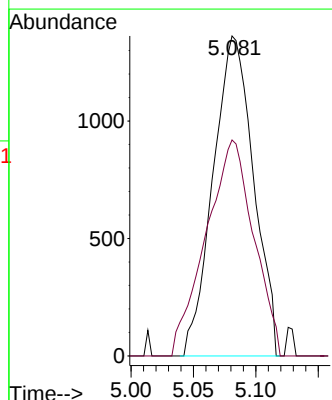
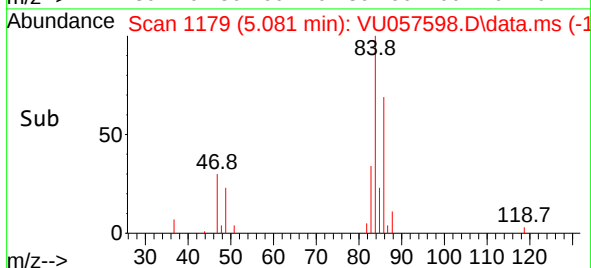
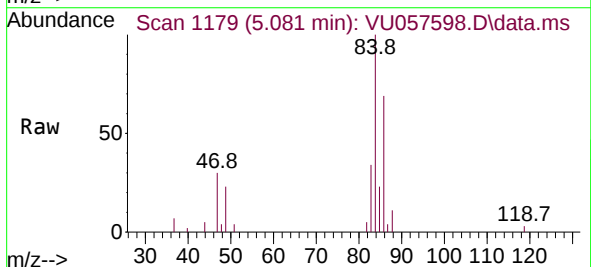


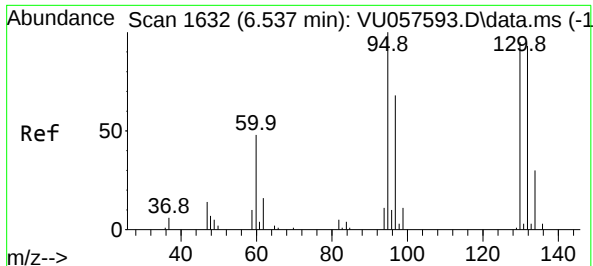
Tgt Ion: 76 Resp: 1507
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#25
Chloroform
Concen: 0.333 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

Tgt Ion: 83 Resp: 3074
Ion Ratio Lower Upper
83 100
85 67.5 46.1 85.5

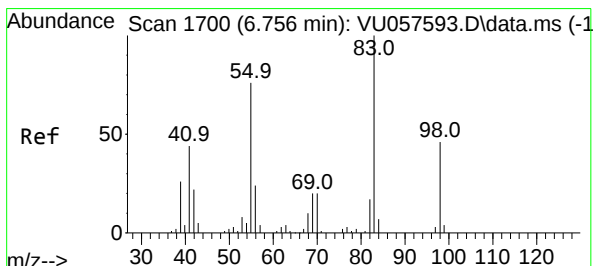
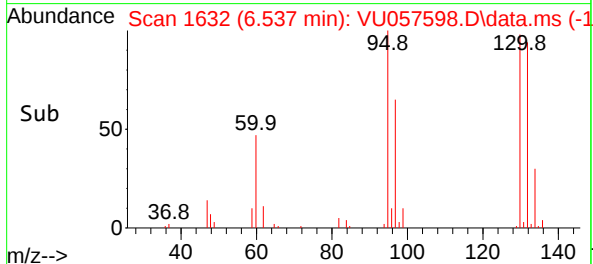
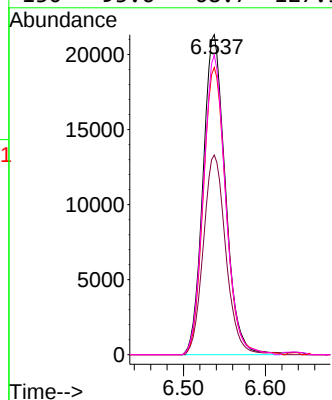
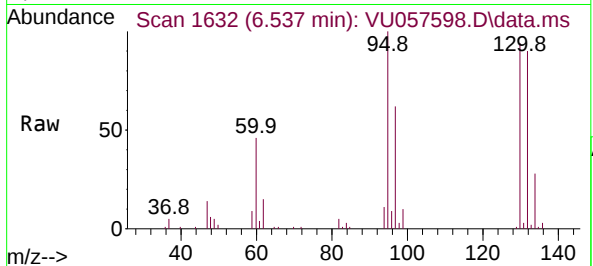




#34
Trichloroethene
Concen: 7.481 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

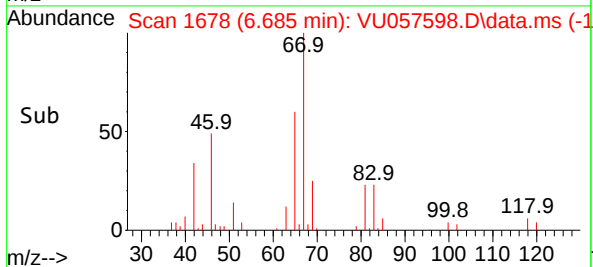
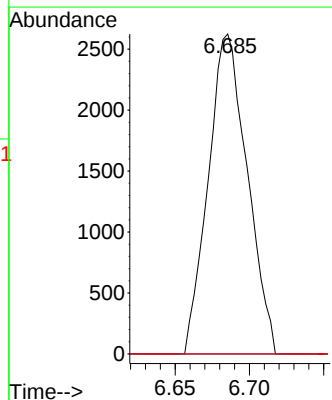
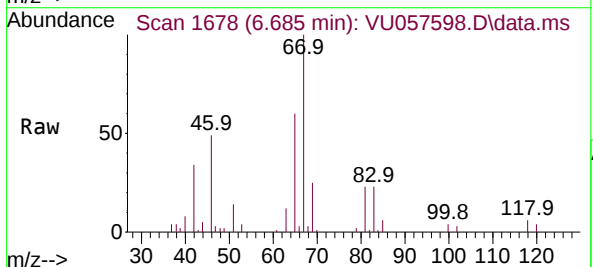
Instrument :
MSVOA_U
ClientSampleId :

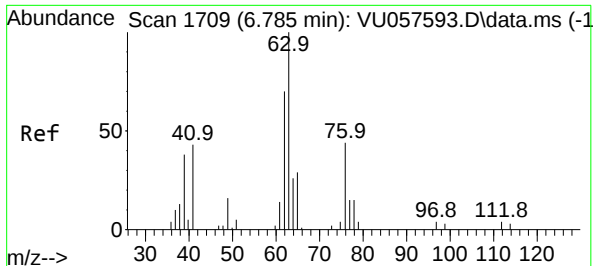
Tgt Ion: 95 Resp: 40348
Ion Ratio Lower Upper
95 100
97 62.4 46.1 85.5
132 89.8 66.1 122.8
130 93.6 68.7 127.5



#35
Methylcyclohexane
Concen: 0.550 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

Tgt Ion: 83 Resp: 4795
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

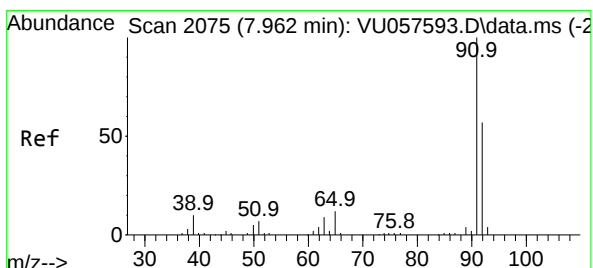
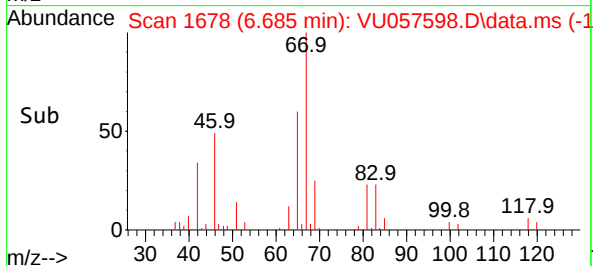
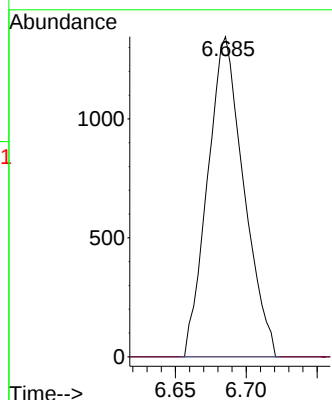
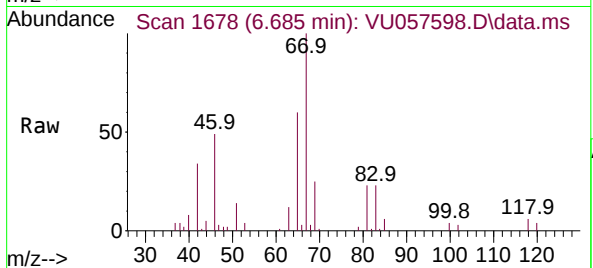




#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

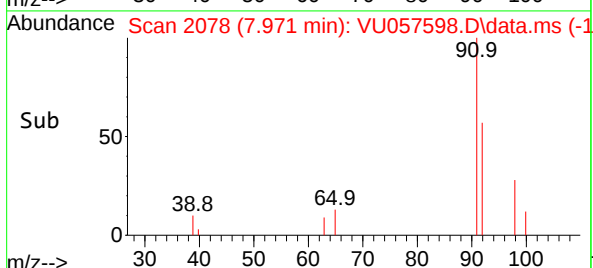
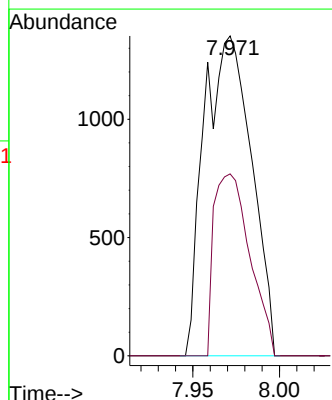
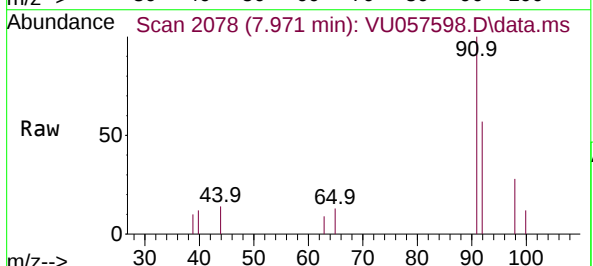
Instrument :
MSVOA_U
ClientSampleId :

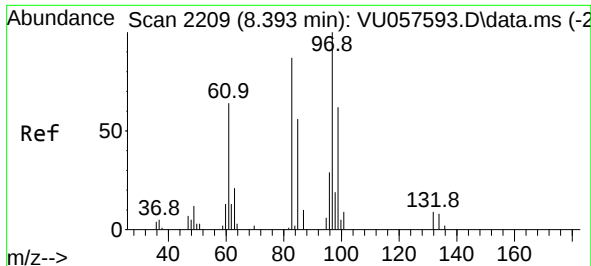
Tgt Ion: 63 Resp: 2386
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 0.122 ug/L
RT: 7.971 min Scan# 2078
Delta R.T. 0.010 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

Tgt Ion: 91 Resp: 2578
Ion Ratio Lower Upper
91 100
92 56.9 39.7 73.7

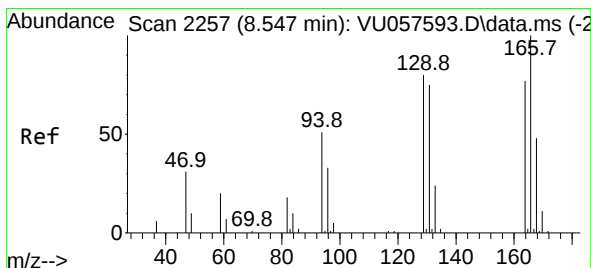
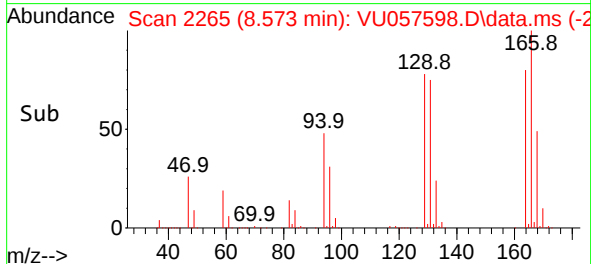
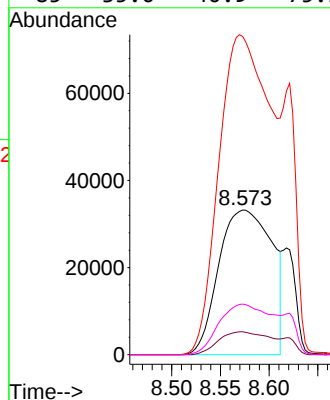
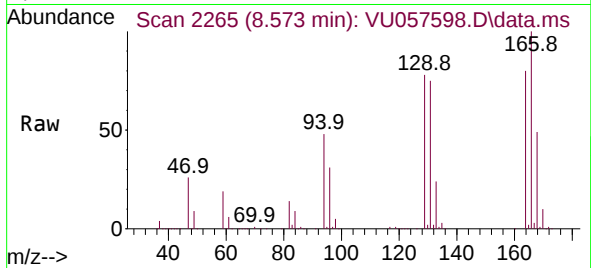




#45
1,1,2-Trichloroethane
Concen: 39.608 ug/L
RT: 8.573 min Scan# 21
Delta R.T. 0.180 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

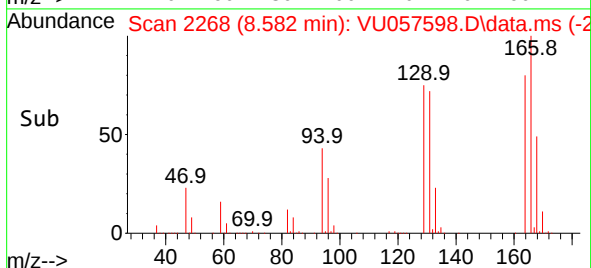
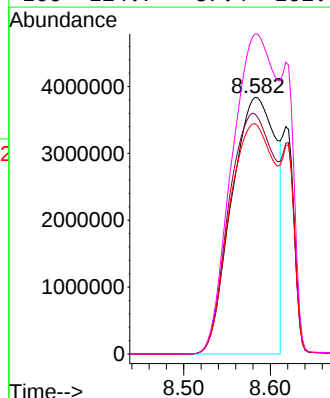
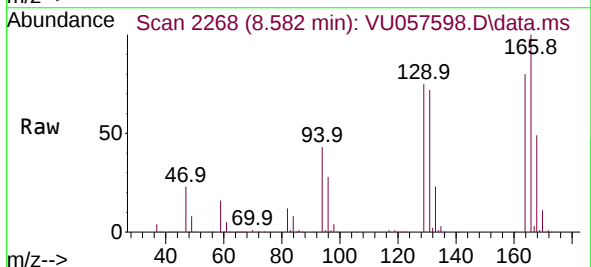
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MSVOA_U
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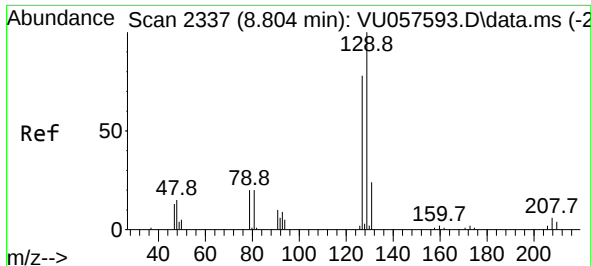
Tgt Ion: 97 Resp: 126088
Ion Ratio Lower Upper
97 100
99 15.8 45.1 83.7#
83 220.0 62.3 115.7#
85 35.0 40.9 75.9#



#47
Tetrachloroethene
Concen: 3425.187 ug/L
RT: 8.582 min Scan# 2268
Delta R.T. 0.035 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

Tgt Ion:164 Resp:13574968
Ion Ratio Lower Upper
164 100
129 93.5 71.3 132.5
131 89.7 68.1 126.5
166 124.7 87.4 162.4





#49

Dibromochloromethane

Concen: 3056.144 ug/L

RT: 8.579 min Scan# 21

Delta R.T. -0.225 min

Lab File: VU057598.D

Acq: 24 Jan 2024 04:00

Instrument :

MSVOA_U

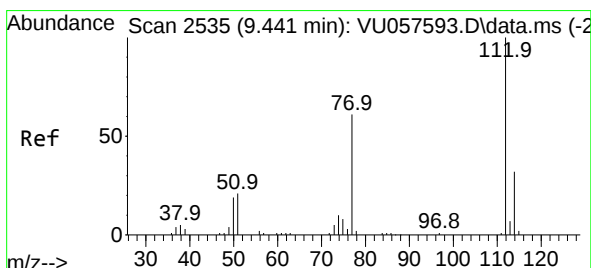
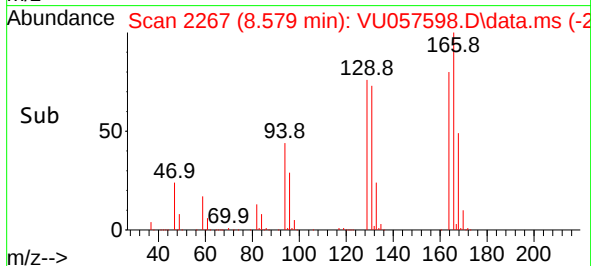
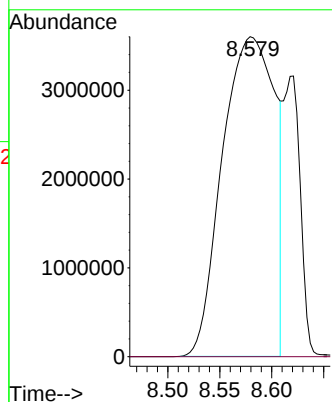
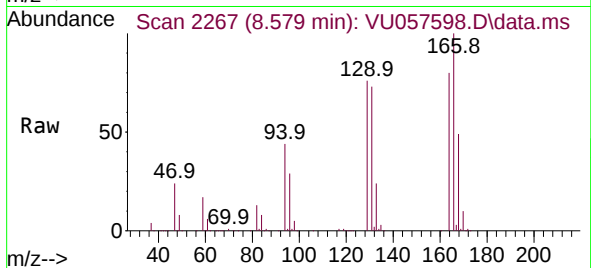
ClientSampleId :

Tgt Ion:129 Resp:12598241

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#51

Chlorobenzene

Concen: 0.349 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU057598.D

Acq: 24 Jan 2024 04:00

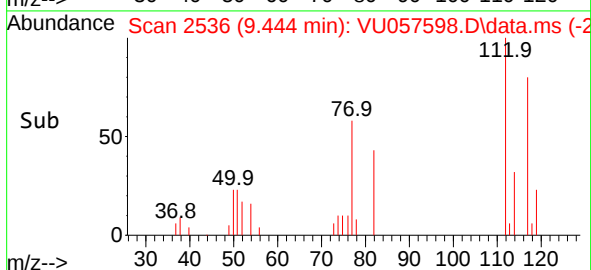
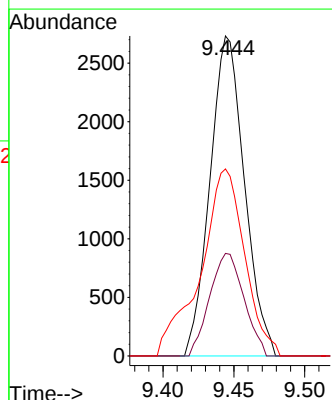
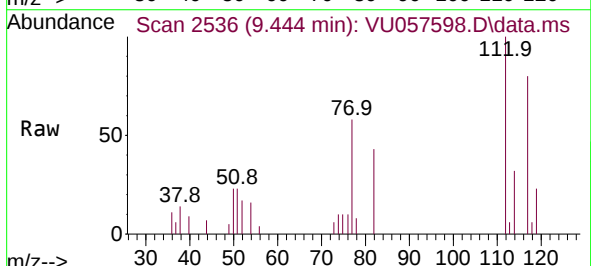
Tgt Ion:112 Resp: 4622

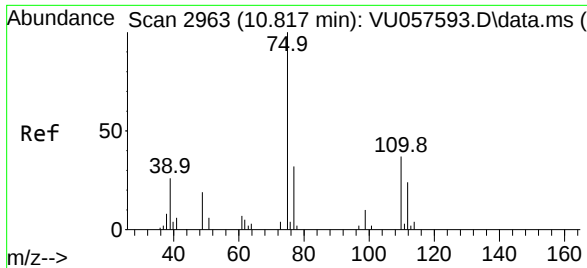
Ion Ratio Lower Upper

112 100

114 30.1 22.0 40.8

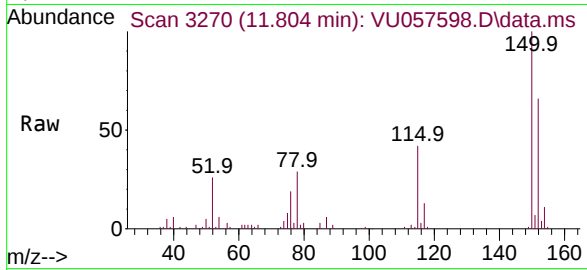
77 55.0 49.2 73.8





#61
1,2,3-Trichloropropane
Concen: 1.280 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU057598.D
Acq: 24 Jan 2024 04:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3835
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 32.4 25.5 38.3

