

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057076.D
 Acq On : 20 Dec 2023 04:28
 Operator : MD/SY
 Sample : 05843-08DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:59:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

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

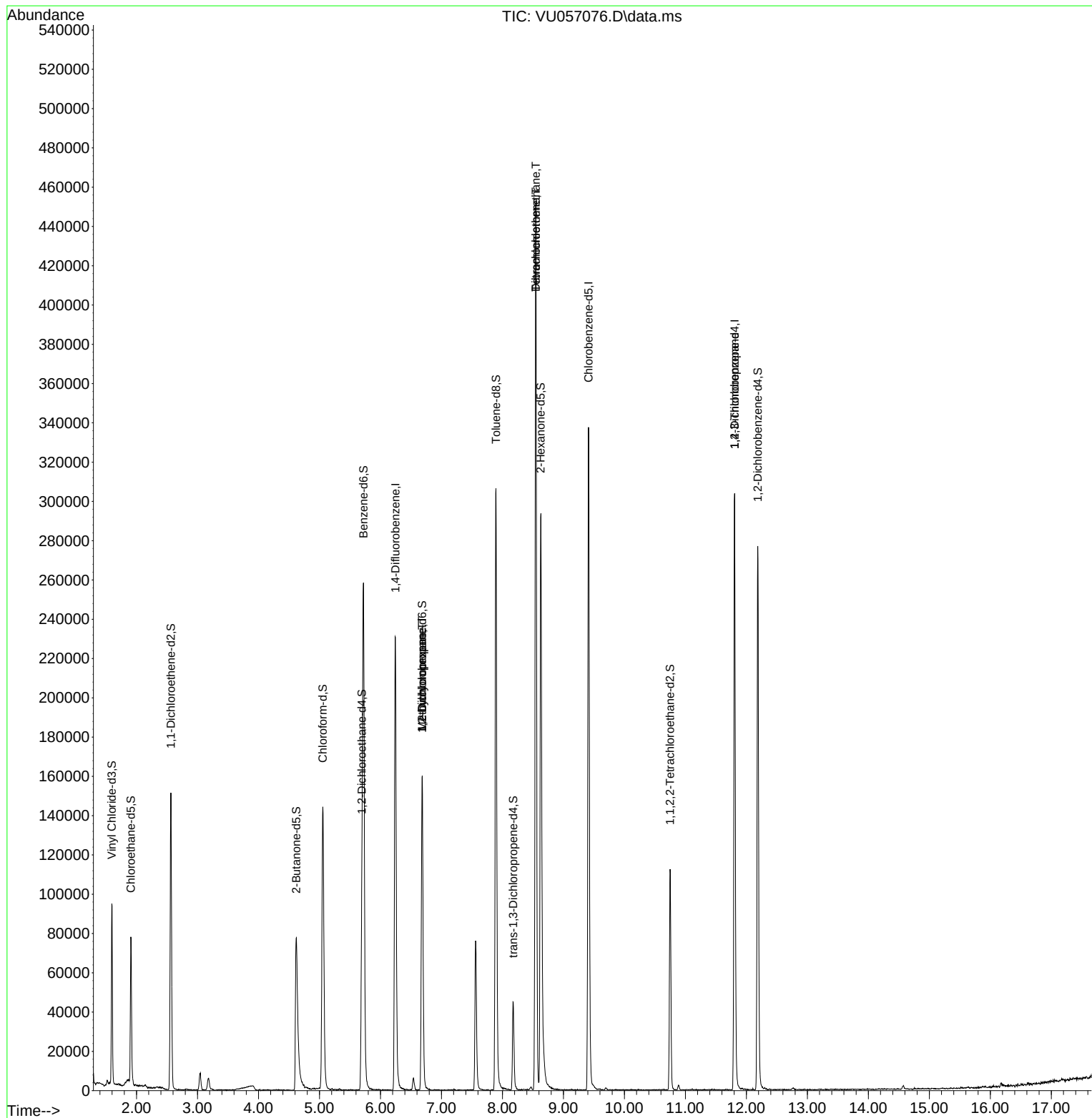
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	190138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	191865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66662	4.090	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	56193	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.563	65	29506	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.621	46	118036	36.673	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.340%
24) Chloroform-d	5.055	84	139658	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	67899	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.721	84	248300	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.682	67	76862	4.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.894	98	211230	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	26995	3.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.627	63	102410	37.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56762	4.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	74289	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	19285	0.707	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	8934	0.518	ug/L #	88
47) Tetrachloroethene	8.547	164	96241	7.435	ug/L	95
49) Dibromochloromethane	8.547	129	98109	7.319	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	9564	1.143	ug/L #	69

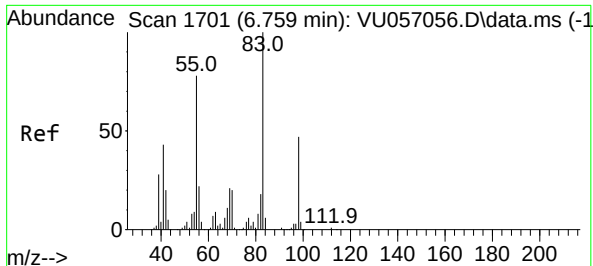
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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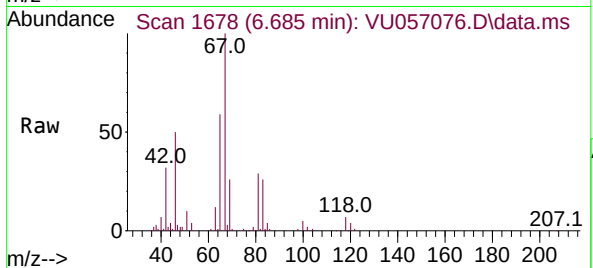
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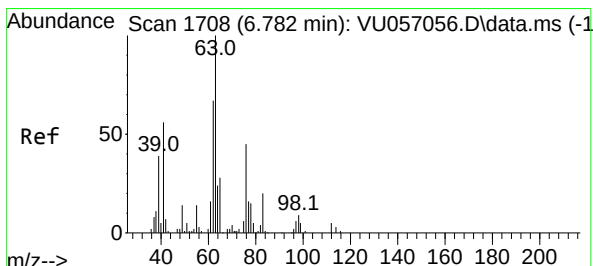
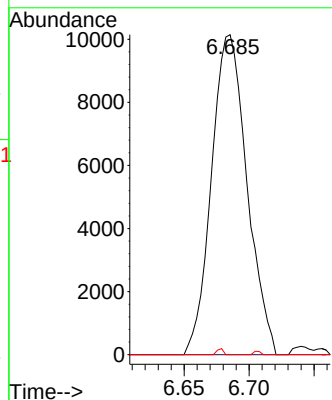
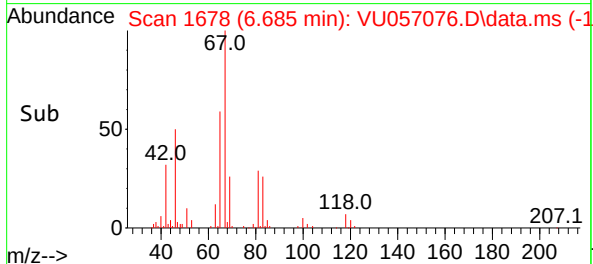


#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057076.D
Acq: 20 Dec 2023 04:28

Instrument :
MSVOA_U
ClientSampleId :

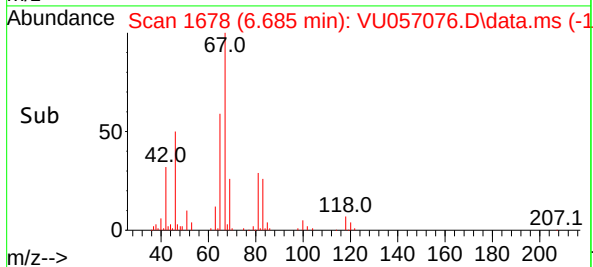
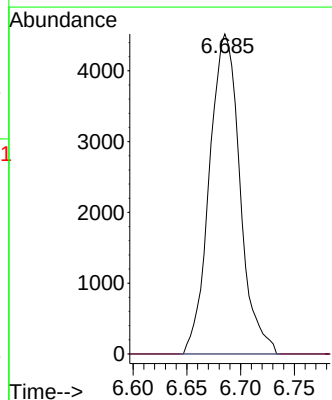
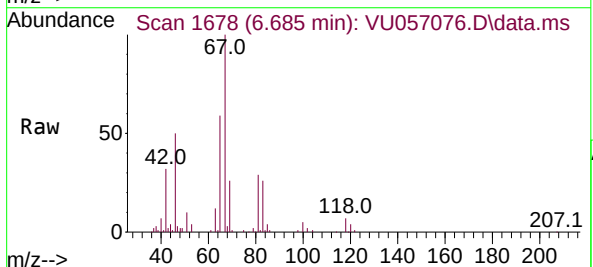


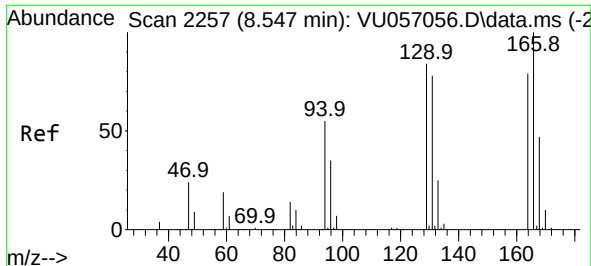
Tgt Ion: 83 Resp: 19285
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.3 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU057076.D
Acq: 20 Dec 2023 04:28

Tgt Ion: 63 Resp: 8934
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

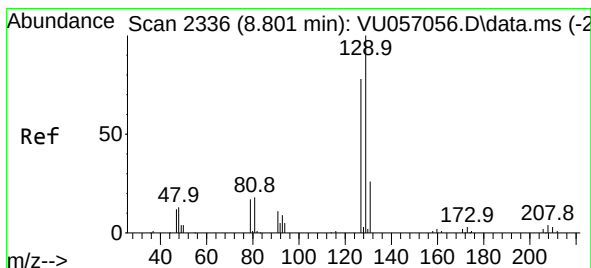
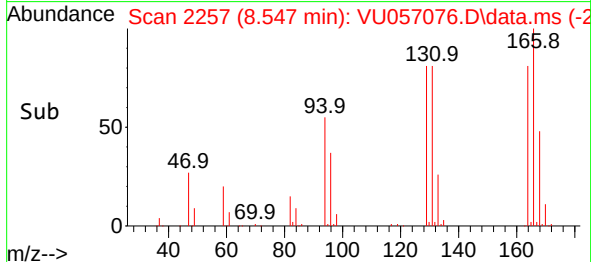
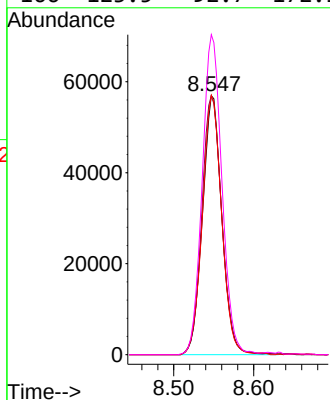
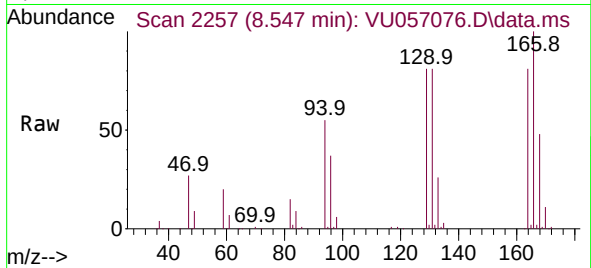




#47
Tetrachloroethene
Concen: 7.435 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057076.D
Acq: 20 Dec 2023 04:28

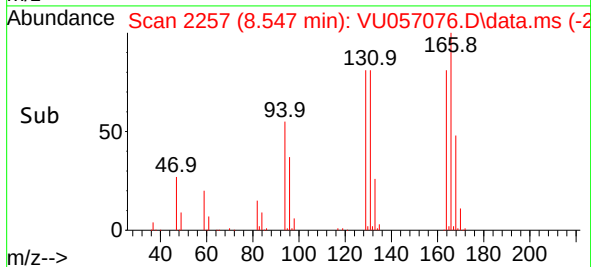
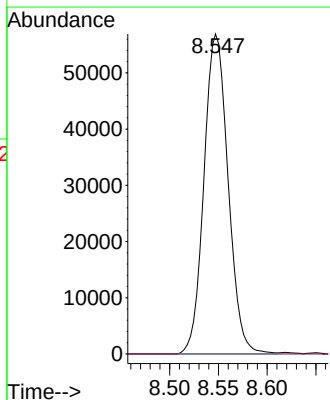
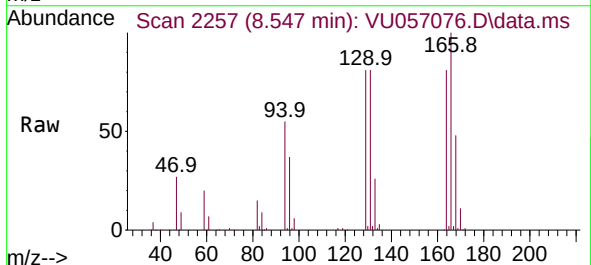
Instrument :
MSVOA_U
ClientSampleId :

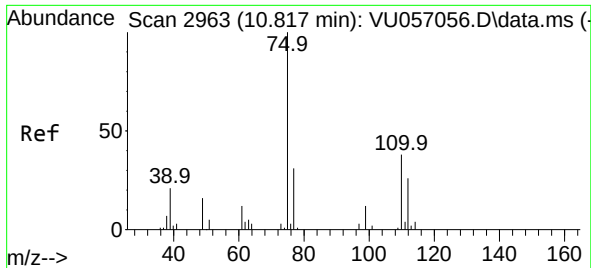
Tgt Ion:164 Resp: 96241
Ion Ratio Lower Upper
164 100
129 99.9 73.4 136.4
131 100.1 71.5 132.9
166 123.5 92.7 172.1



#49
Dibromochloromethane
Concen: 7.319 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU057076.D
Acq: 20 Dec 2023 04:28

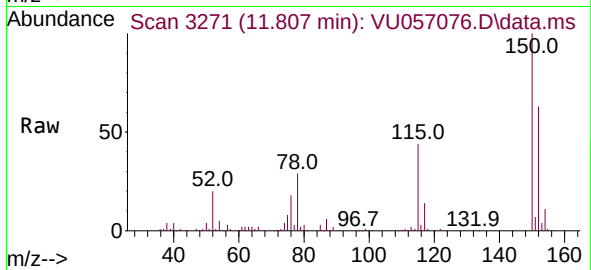
Tgt Ion:129 Resp: 98109
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.143 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057076.D
Acq: 20 Dec 2023 04:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9564
Ion Ratio Lower Upper
75 100
110 1.4 28.4 42.6#
77 34.1 26.3 39.5

