

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056817.D
 Acq On : 13 Dec 2023 05:01
 Operator : MD/SY
 Sample : 05684-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06H6

Quant Time: Dec 13 06:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

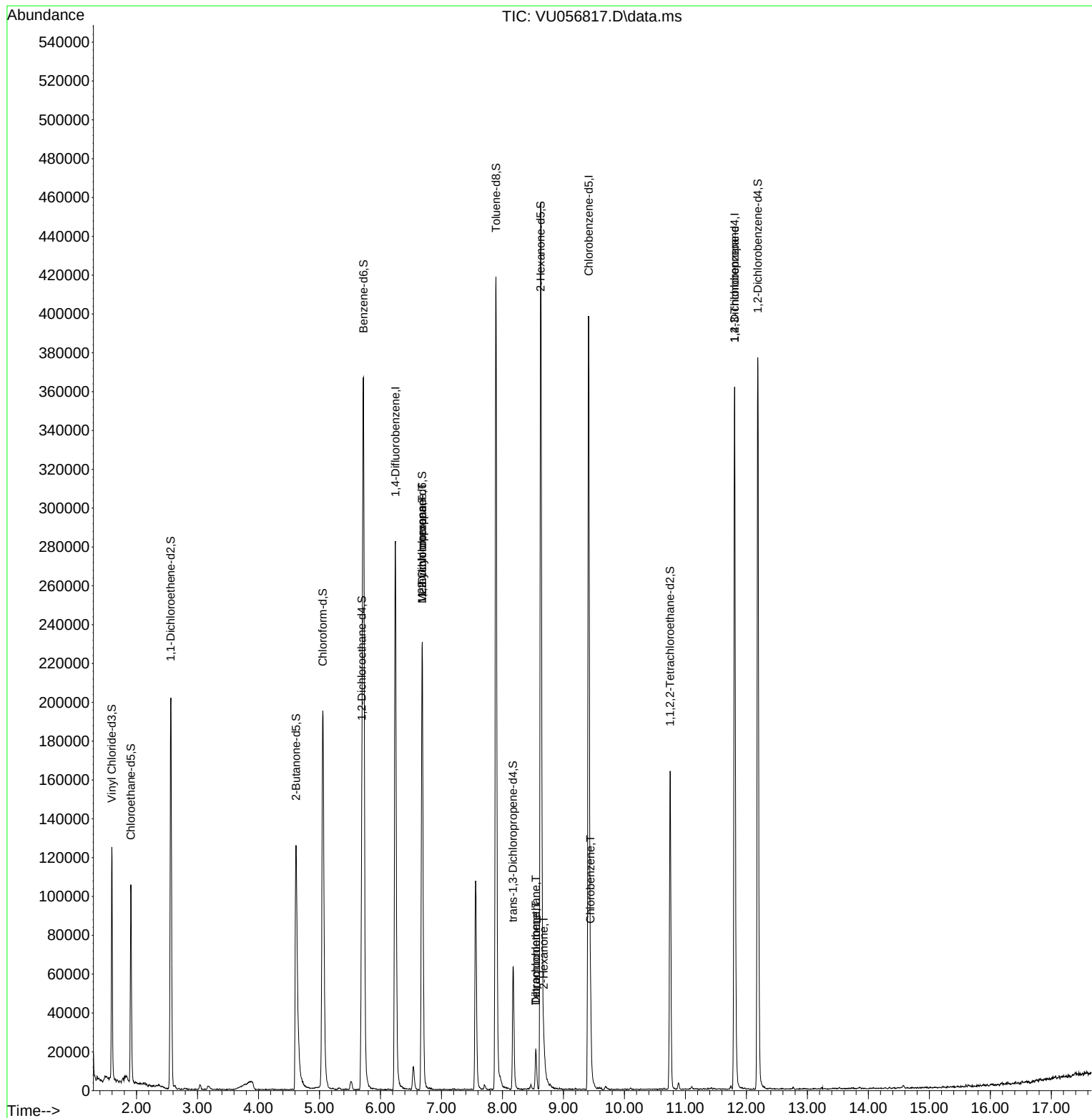
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231573	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	235323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84844	4.274	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.907	69	75993	5.116	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.560	65	38532	4.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.615	46	199688	50.941	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.880%	
24) Chloroform-d	5.055	84	188873	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.695	65	93374	5.250	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.721	84	361155	4.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.682	67	114010	4.990	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.894	98	294253	4.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	8.174	79	40673	4.591	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.627	63	154073	46.109	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.220%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	84470	5.110	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	99922	5.270	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	26957	0.805	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12179	0.576	ug/L #	88
47) Tetrachloroethene	8.547	164	4644	0.293	ug/L	90
48) 2-Hexanone	8.679	43	7707	1.077	ug/L #	88
49) Dibromochloromethane	8.547	129	4816	0.293	ug/L #	11
51) Chlorobenzene	9.444	112	19757	0.362	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	11749	1.134	ug/L #	69

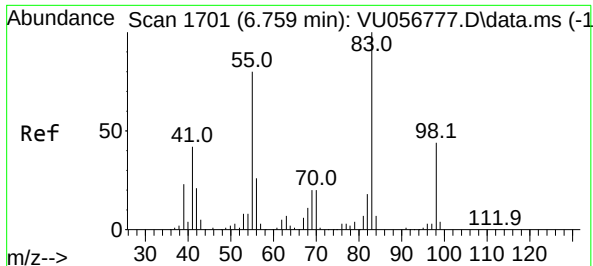
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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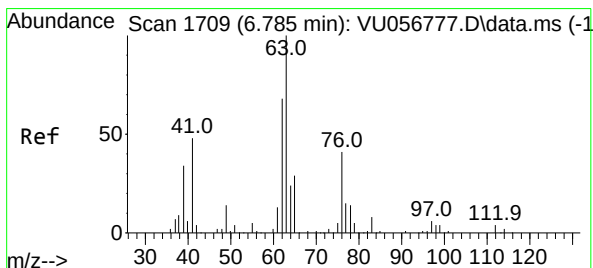
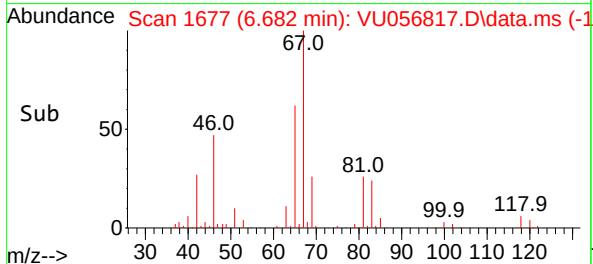
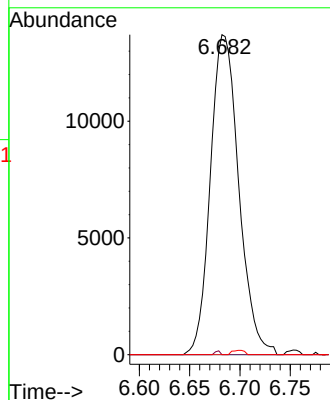
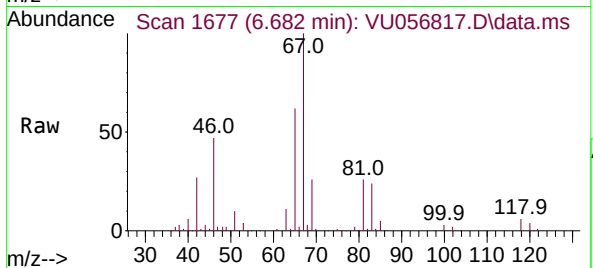




#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056817.D
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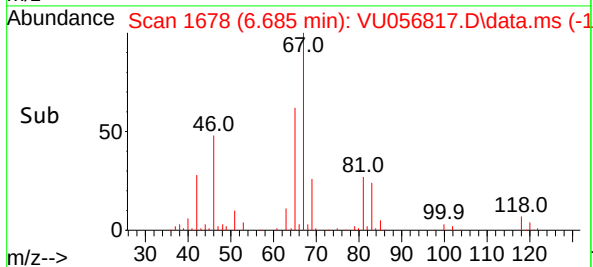
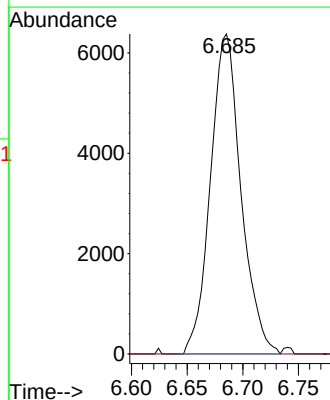
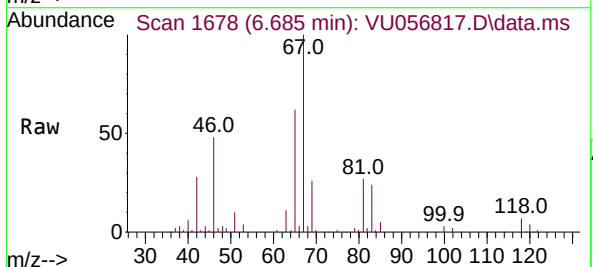
Instrument :
MSVOA_U
ClientSampleId :
E06H6

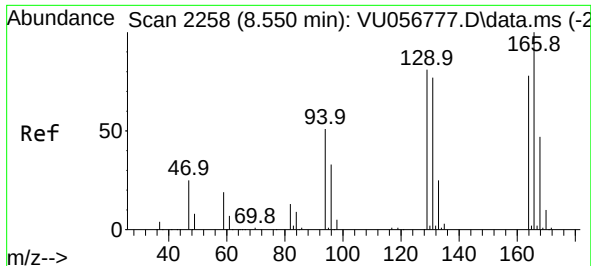
Tgt Ion: 83 Resp: 26957
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.6 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056817.D
Acq: 13 Dec 2023 05:01

Tgt Ion: 63 Resp: 12179
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

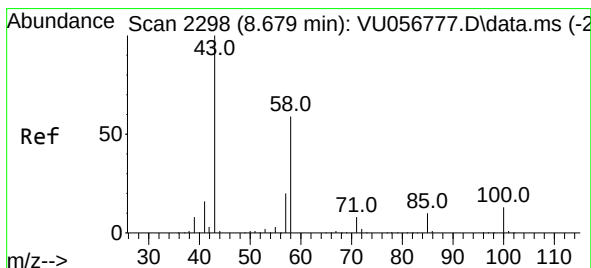
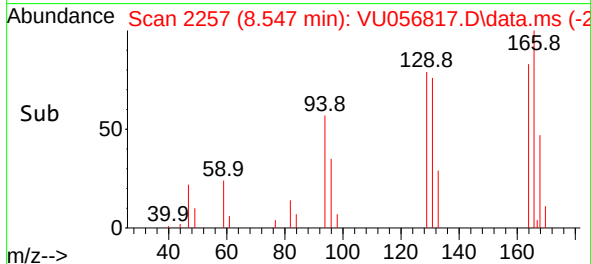
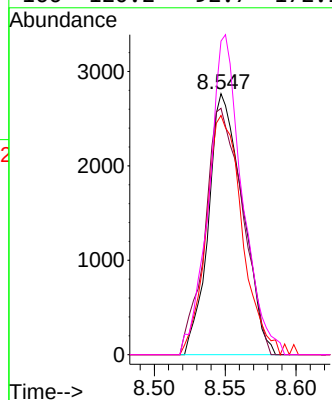
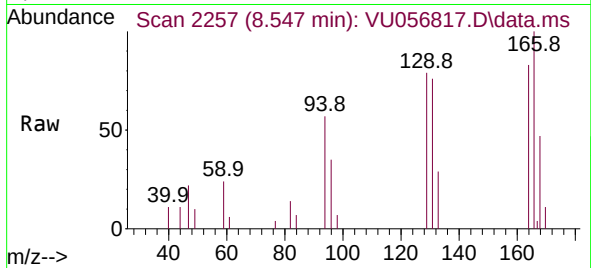




#47
Tetrachloroethene
Concen: 0.293 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056817.D
Acq: 13 Dec 2023 05:01

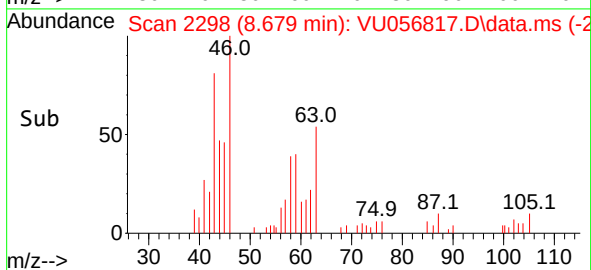
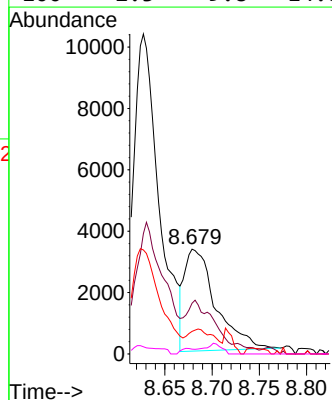
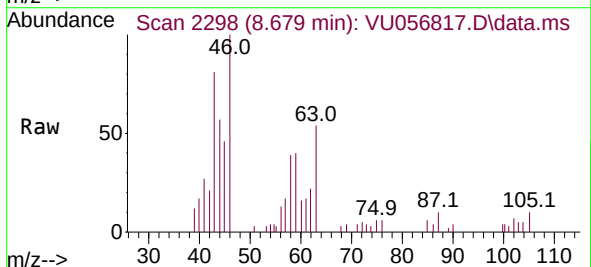
Instrument :
MSVOA_U
ClientSampleId :
E06H6

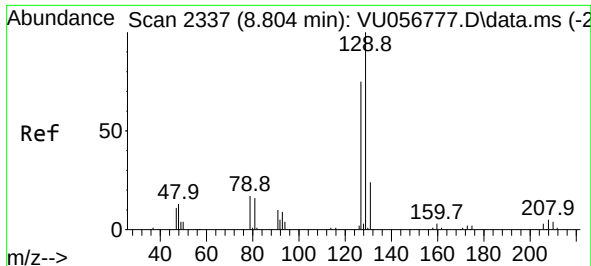
Tgt Ion:164 Resp: 4644
Ion Ratio Lower Upper
164 100
129 94.4 73.4 136.4
131 91.6 71.5 132.9
166 120.2 92.7 172.1



#48
2-Hexanone
Concen: 1.077 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU056817.D
Acq: 13 Dec 2023 05:01

Tgt Ion: 43 Resp: 7707
Ion Ratio Lower Upper
43 100
58 49.7 47.5 71.3
57 20.5 17.0 25.4
100 2.3 9.8 14.8#

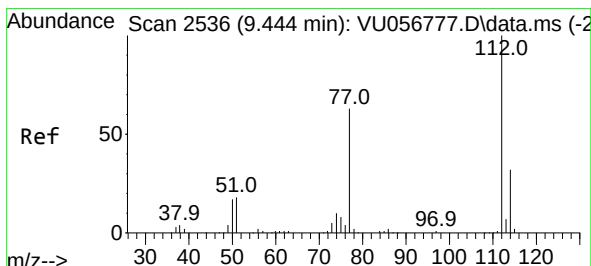
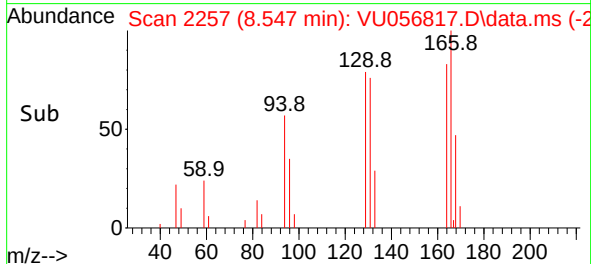
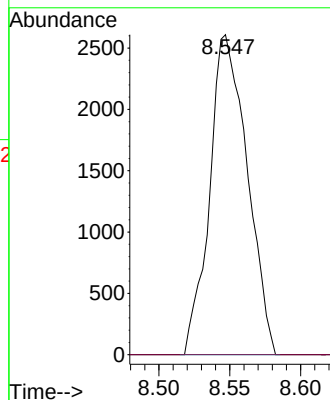
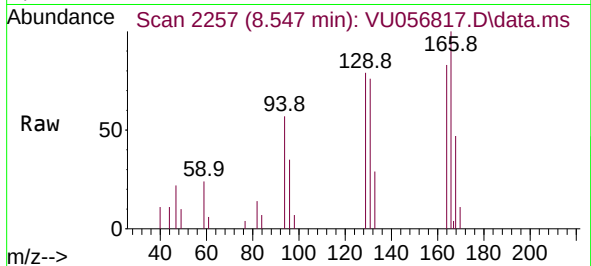




#49
Dibromochloromethane
Concen: 0.293 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056817.D
Acq: 13 Dec 2023 05:01

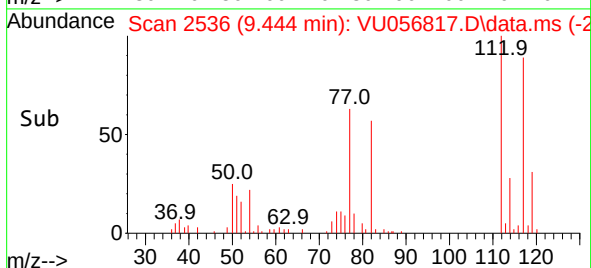
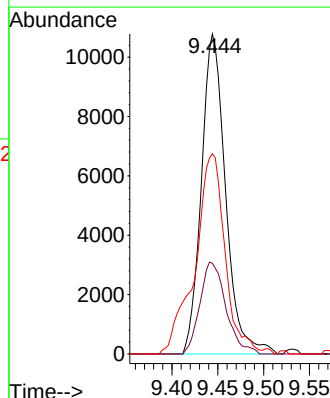
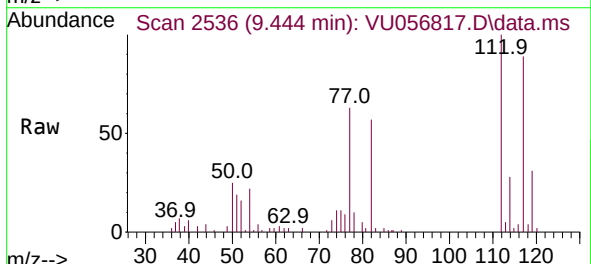
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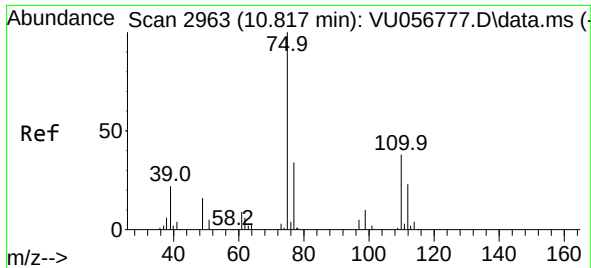
Tgt Ion:129 Resp: 4816
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#51
Chlorobenzene
Concen: 0.362 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056817.D
Acq: 13 Dec 2023 05:01

Tgt Ion:112 Resp: 19757
Ion Ratio Lower Upper
112 100
114 28.3 21.9 40.7
77 62.5 51.6 77.4





#61
 1,2,3-Trichloropropane
 Concen: 1.134 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056817.D
 Acq: 13 Dec 2023 05:01

Instrument :
 MSVOA_U
 ClientSampleId :
 E06H6

Tgt Ion: 75 Resp: 11749
 Ion Ratio Lower Upper
 75 100
 110 1.5 28.4 42.6#
 77 31.8 26.3 39.5

