Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
Data File : VU062158.D
Acq On : 09 Dec 2024 14:45
Operator : MD/SY
Sample : P5116-06
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E1PK0

Quant Time: Dec 09 15:57:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 09 13:19:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	105817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	99333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	47749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30133	4.222	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.400%			
7) Chloroethane-d5	1.907	69	22901	4.511	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.560	65	15004	4.419	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.400%			
20) 2-Butanone-d5	4.621	46	71856	52.531	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.060%			
24) Chloroform-d	5.052	84	70748	4.580	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.695	65	38167	5.025	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
32) Benzene-d6	5.717	84	134370	4.697	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	6.682	67	40552	4.954	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.891	98	123395	4.566	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
43) trans-1,3-Dichloroprop...	8.177	79	14298	3.968	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.400%			
46) 2-Hexanone-d5	8.627	63	54262	49.918	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.840%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	32686	5.131	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	44875	5.100	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.000%			
Target Compounds						Qvalue
30) Cyclohexane	5.373	56	1121	0.099	ug/L	98
35) Methylcyclohexane	6.756	83	1639	0.127	ug/L	89
38) Bromodichloromethane	7.103	83	1540	0.146	ug/L #	67
42) Toluene	7.965	91	8130	0.245	ug/L	89
49) Dibromochloromethane	8.801	129	2192	0.321	ug/L	94
53) m,p-Xylene	9.698	106	1435	0.104	ug/L	96
59) Bromoform	10.286	173	760	0.203	ug/L #	93
63) 1,2,4-Trimethylbenzene	11.466	105	1930	0.067	ug/L	93
72) 1,2,3-Trichlorobenzene	14.328	180	1608	0.196	ug/L	90

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

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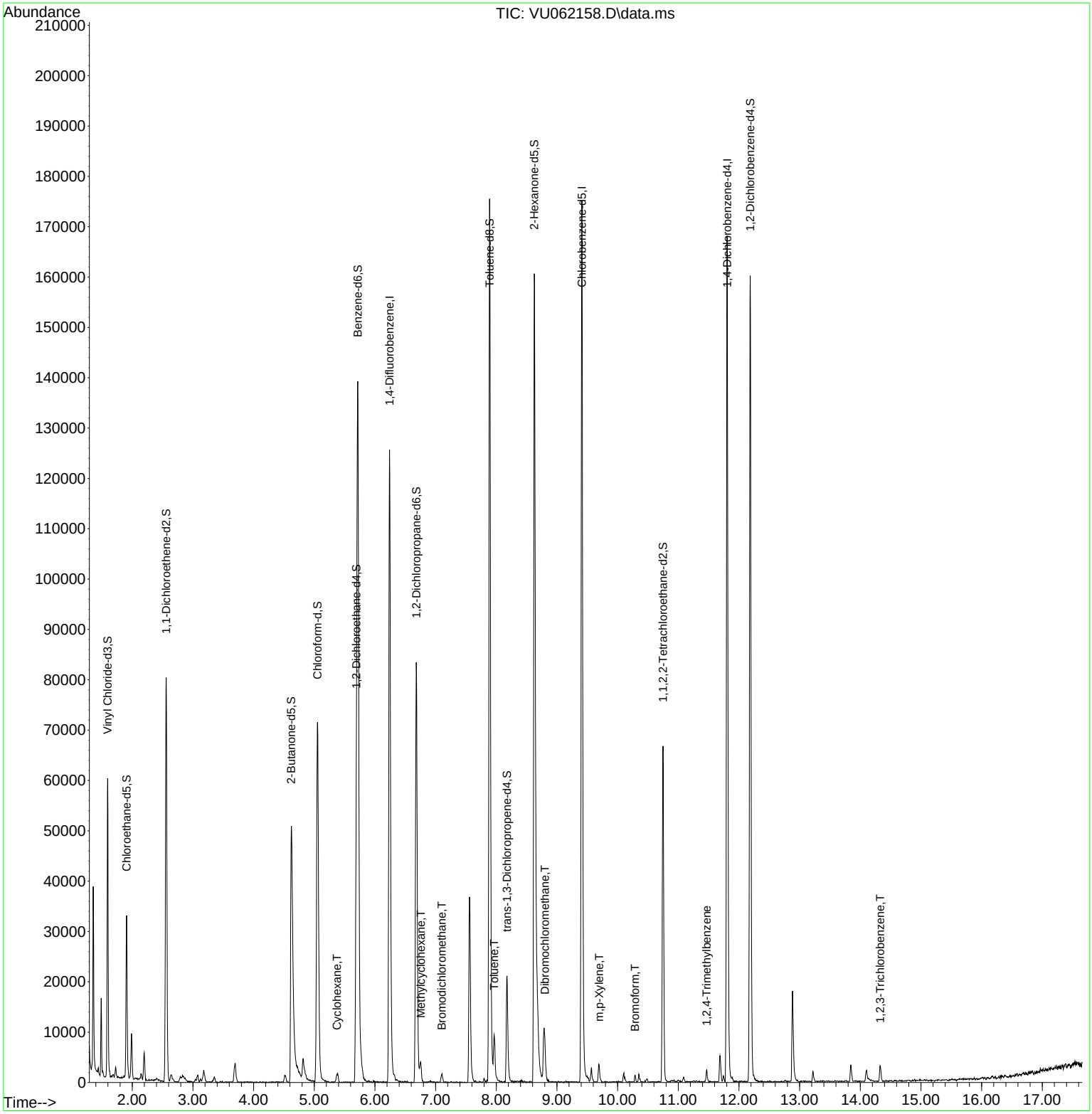
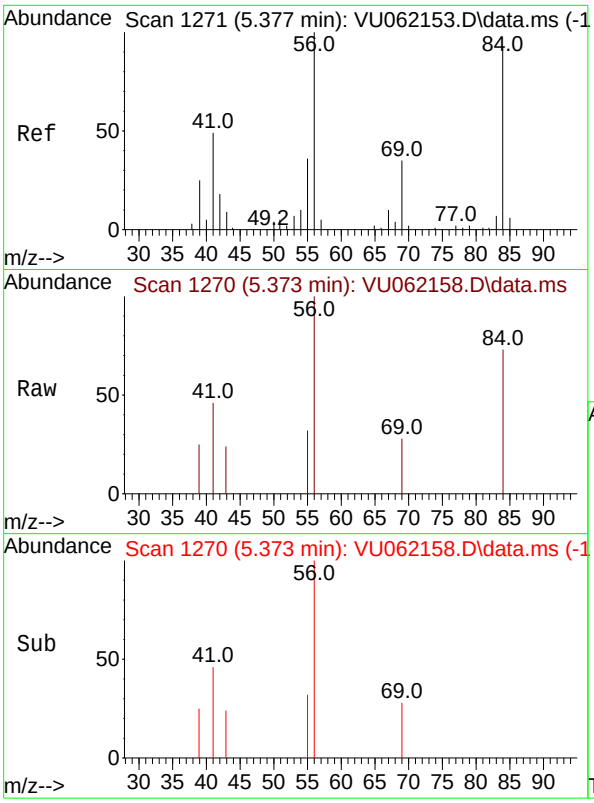


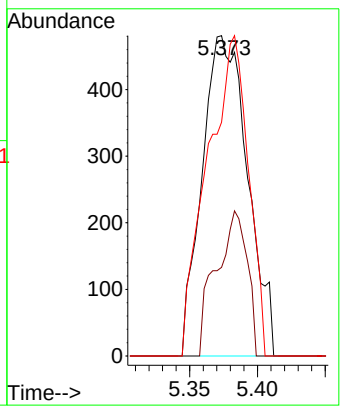


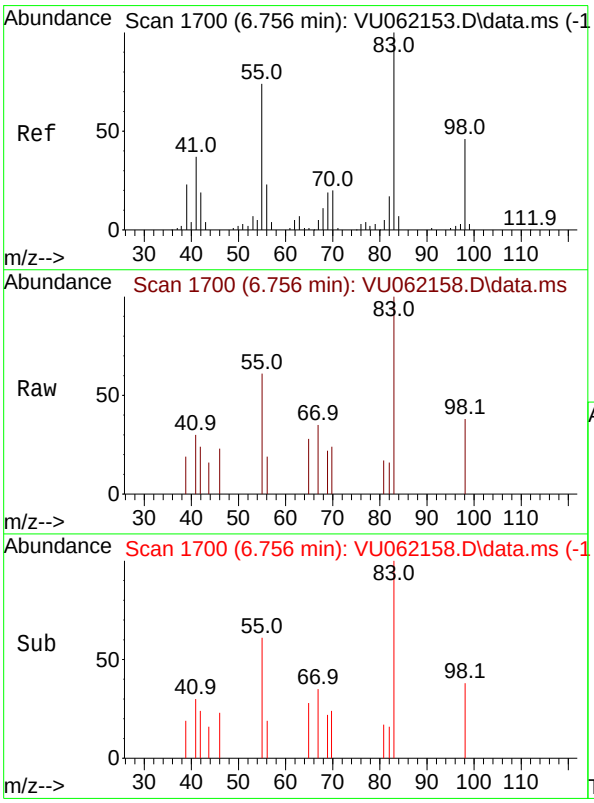
#30
Cyclohexane
Concen: 0.099 ug/L
RT: 5.373 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :
E1PK0

Tgt Ion: 56 Resp: 1121

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.1	37.7
84	90.0	70.6	105.8

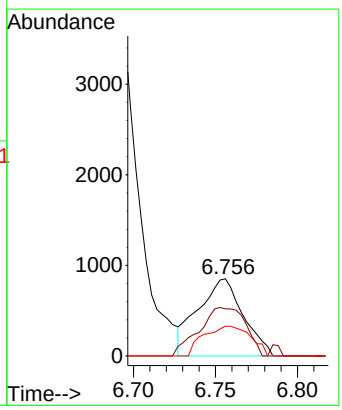


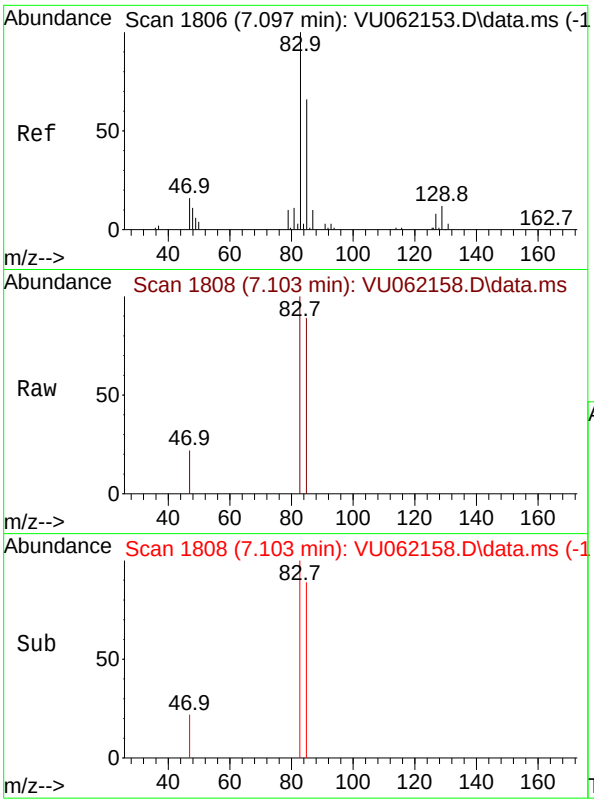


#35
Methylcyclohexane
Concen: 0.127 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 83 Resp: 1639

Ion	Ratio	Lower	Upper
83	100		
55	64.2	60.7	91.1
98	39.9	34.8	52.2



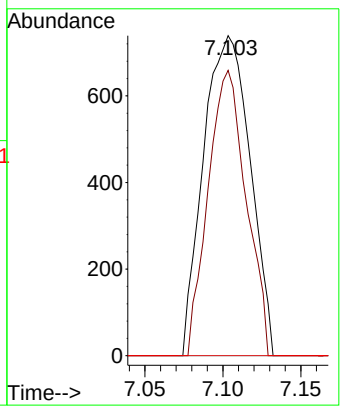


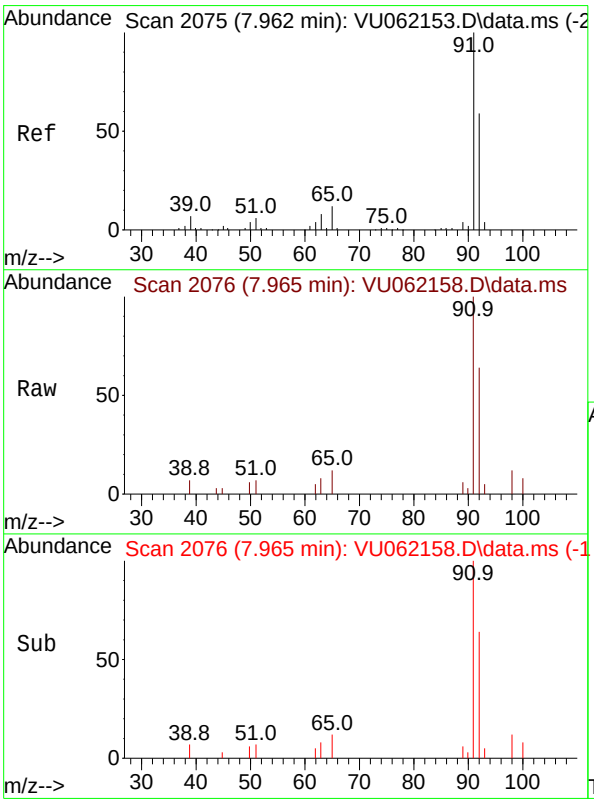
#38
Bromodichloromethane
Concen: 0.146 ug/L
RT: 7.103 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :
E1PK0

Tgt Ion: 83 Resp: 1540

Ion	Ratio	Lower	Upper
83	100		
85	89.2	44.1	81.9#
127	0.0	6.9	10.3#

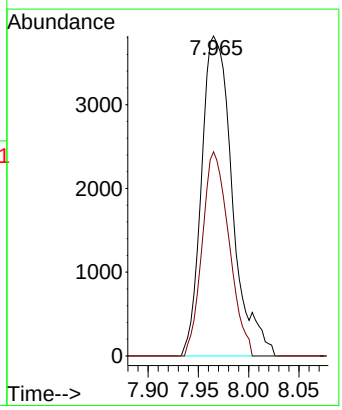


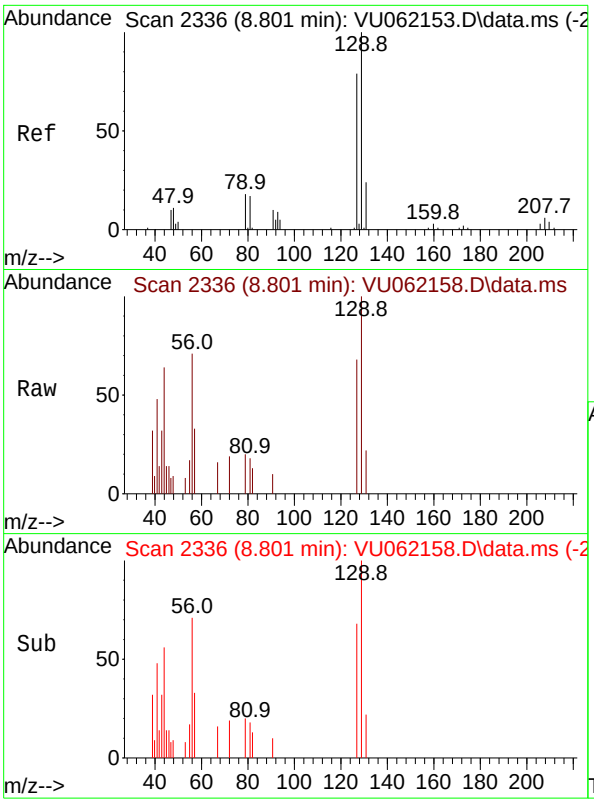


#42
Toluene
Concen: 0.245 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 91 Resp: 8130

Ion	Ratio	Lower	Upper
91	100		
92	63.8	39.0	72.4



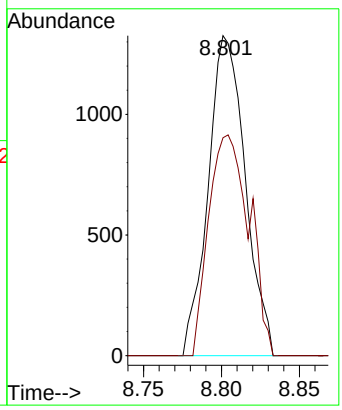


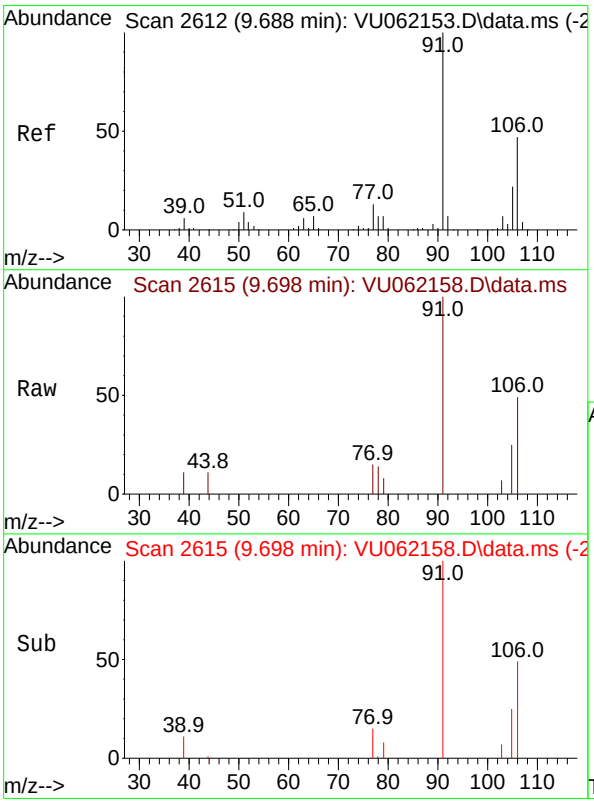
#49
Dibromochloromethane
Concen: 0.321 ug/L
RT: 8.801 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :
E1PK0

Tgt Ion:129 Resp: 2192

Ion	Ratio	Lower	Upper
129	100		
127	68.1	51.1	94.9

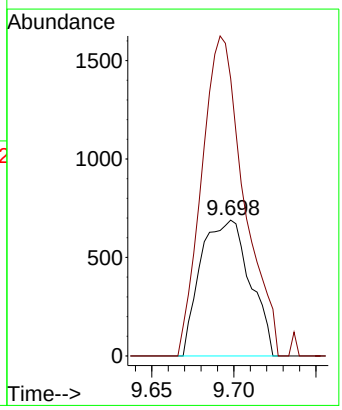


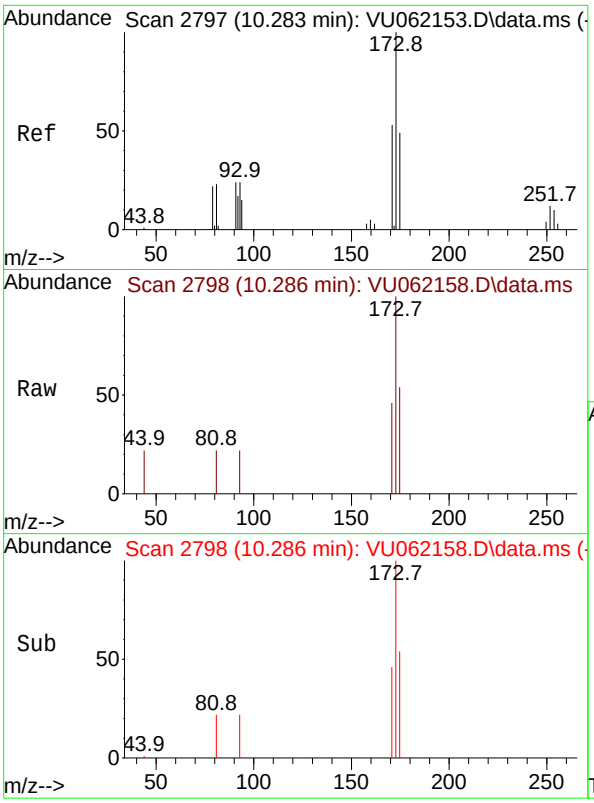


#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.013 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion:106 Resp: 1435

Ion	Ratio	Lower	Upper
106	100		
91	204.2	147.6	274.0



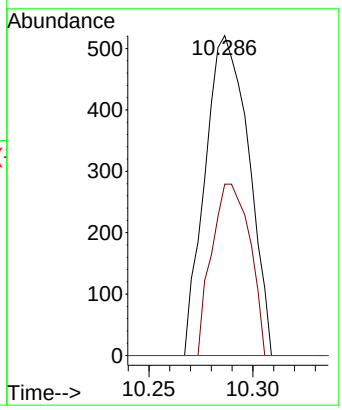


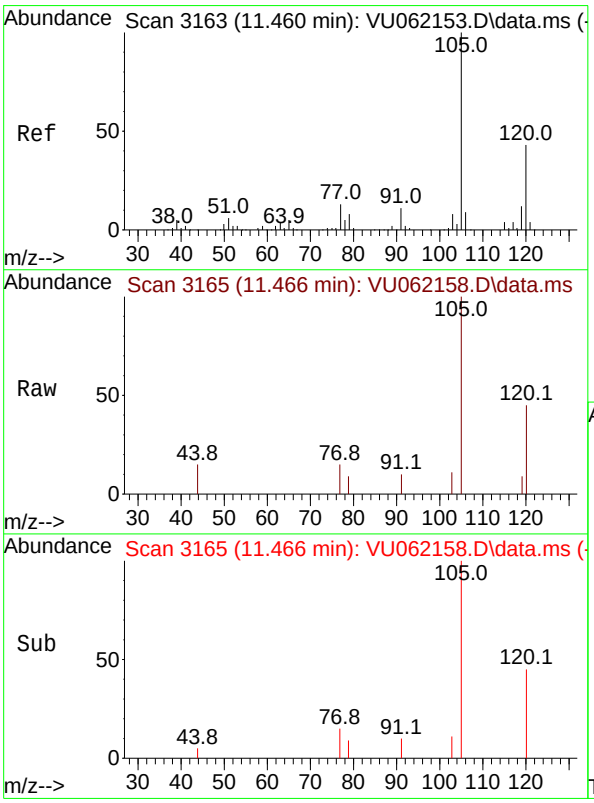
#59
Bromoform
Concen: 0.203 ug/L
RT: 10.286 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :
E1PK0

Tgt Ion:173 Resp: 760

Ion	Ratio	Lower	Upper
173	100		
175	46.6	39.0	58.4
254	0.0	7.4	11.0#

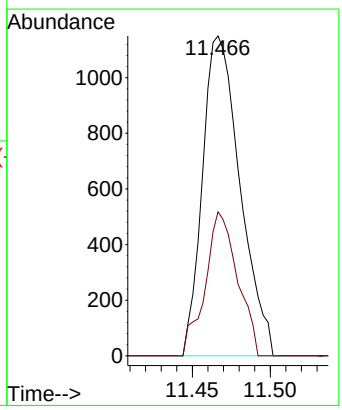


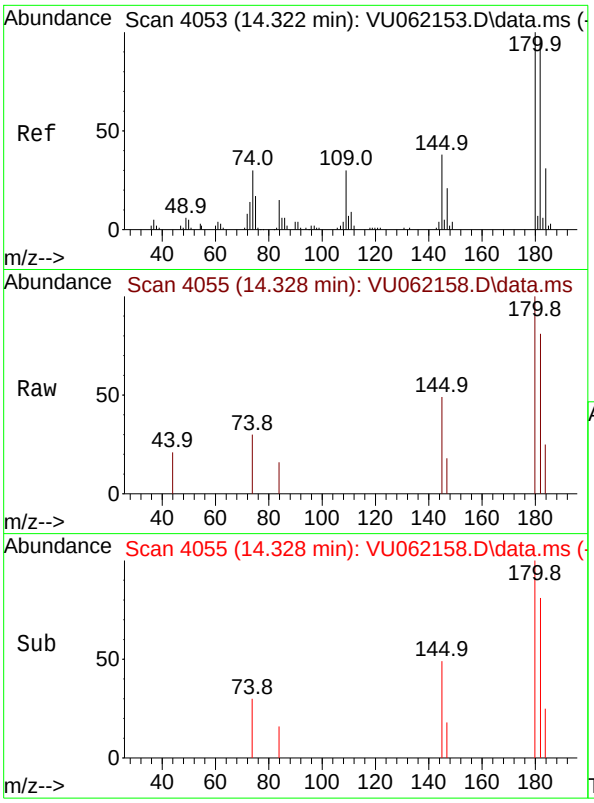


#63
1,2,4-Trimethylbenzene
Concen: 0.067 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion:105 Resp: 1930

Ion	Ratio	Lower	Upper
105	100		
120	38.7	34.7	52.1





#72
1,2,3-Trichlorobenzene
Concen: 0.196 ug/L
RT: 14.328 min Scan# 4
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :
E1PK0

Tgt Ion:180 Resp: 1608

Ion	Ratio	Lower	Upper
180	100		
182	84.0	76.1	114.1
145	38.2	27.4	41.0