Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102424\
Data File : VU061197.D
Acq On : 24 Oct 2024 14:29
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 25 02:36:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 25 02:35:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214117	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	196832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53232	3.660	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.200%			
7) Chloroethane-d5	1.907	69	50314	3.773	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.400%			
11) 1,1-Dichloroethene-d2	2.560	65	24775	3.981	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.600%			
20) 2-Butanone-d5	4.628	46	132479	44.861	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.720%			
24) Chloroform-d	5.055	84	116094	4.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	5.695	65	60579	4.402	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
32) Benzene-d6	5.718	84	239462	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.682	67	73279	4.395	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.800%			
41) Toluene-d8	7.891	98	218857	4.220	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	8.177	79	28237	4.149	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.000%			
46) 2-Hexanone-d5	8.627	63	118471	42.497	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.000%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53346	4.231	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	71611	4.530	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
35) Methylcyclohexane	6.682	83	16997	0.645	ug/L #	22
52) Ethylbenzene	9.573	91	6726	0.092	ug/L	99
55) Styrene	10.123	104	5154	0.118	ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	13733	1.544	ug/L #	67
65) 1,4-Dichlorobenzene	11.833	146	8826	0.302	ug/L	92
67) 1,2-Dichlorobenzene	12.209	146	8363	0.310	ug/L	91
69) 1,3,5-Trichlorobenzene	13.846	180	6977	0.355	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	6977	0.439	ug/L	99

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

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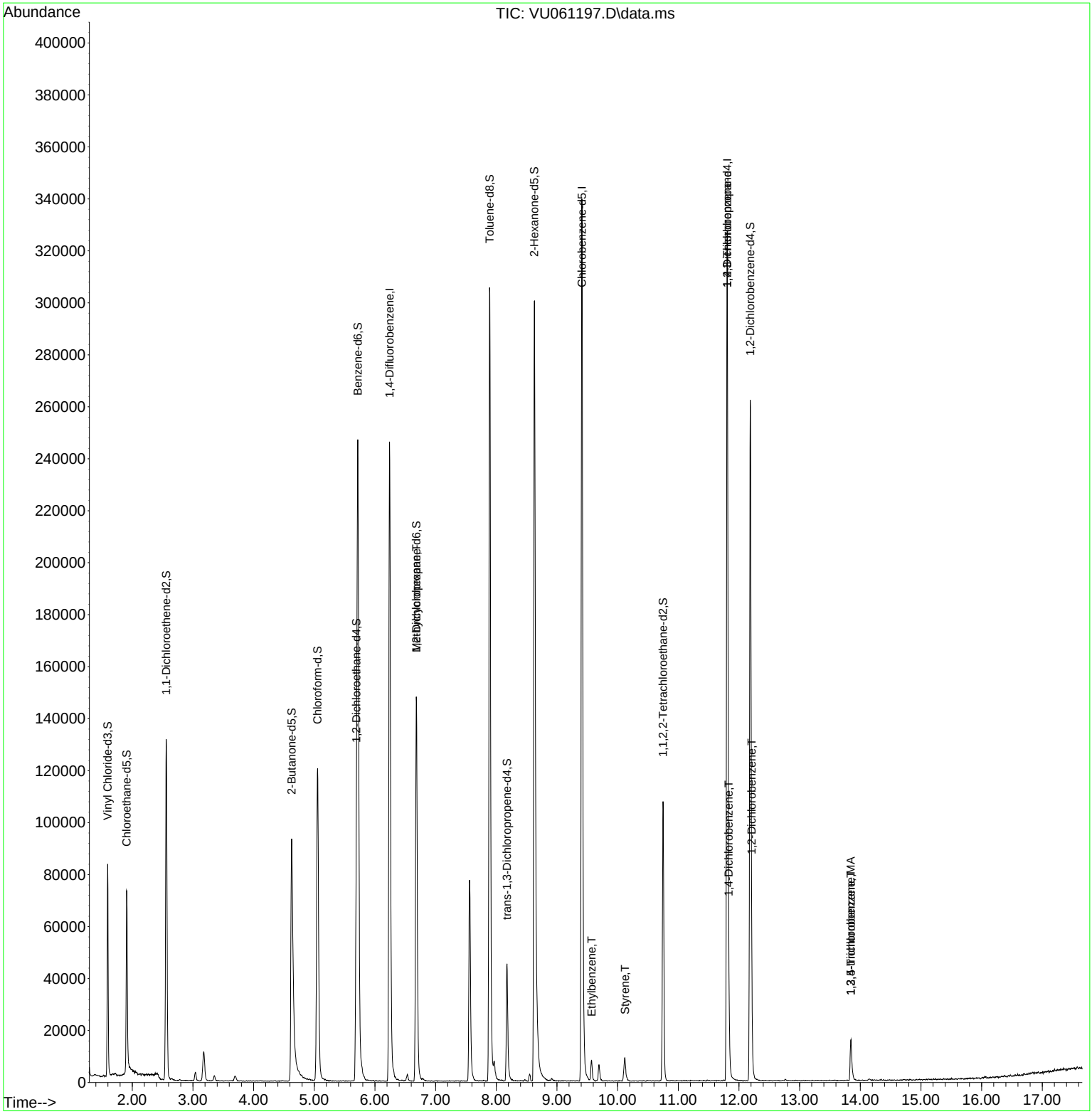
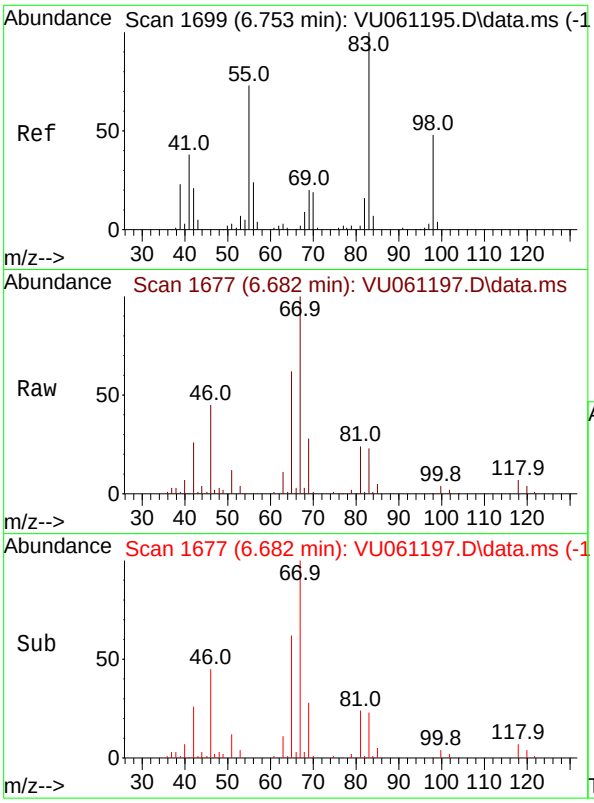


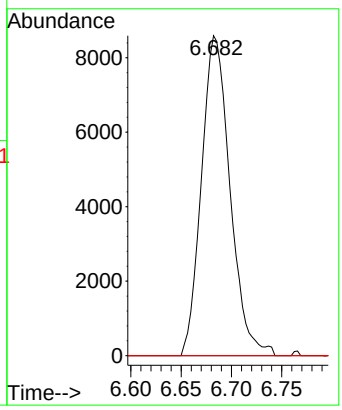


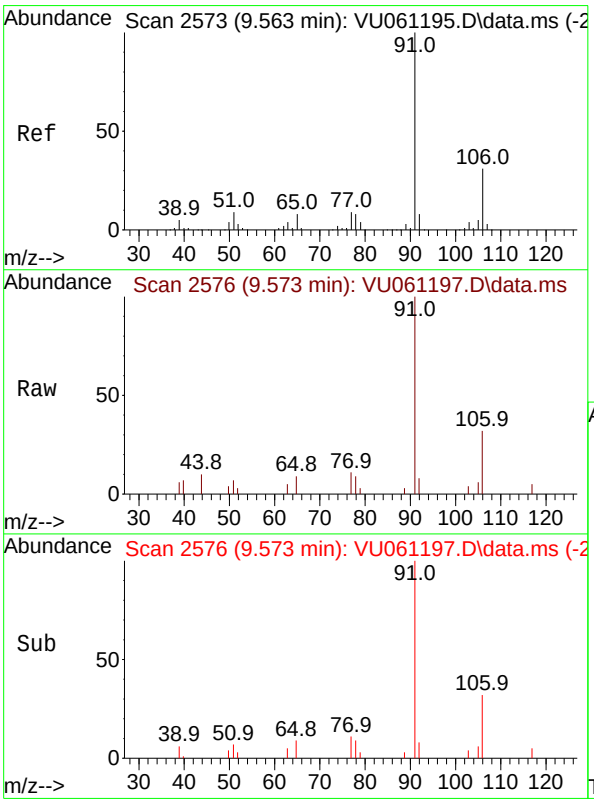
#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 16997

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.9	83.9#
98	0.7	35.9	53.9#

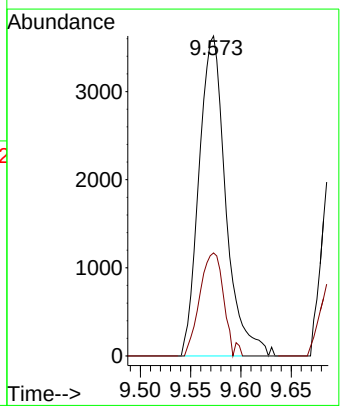


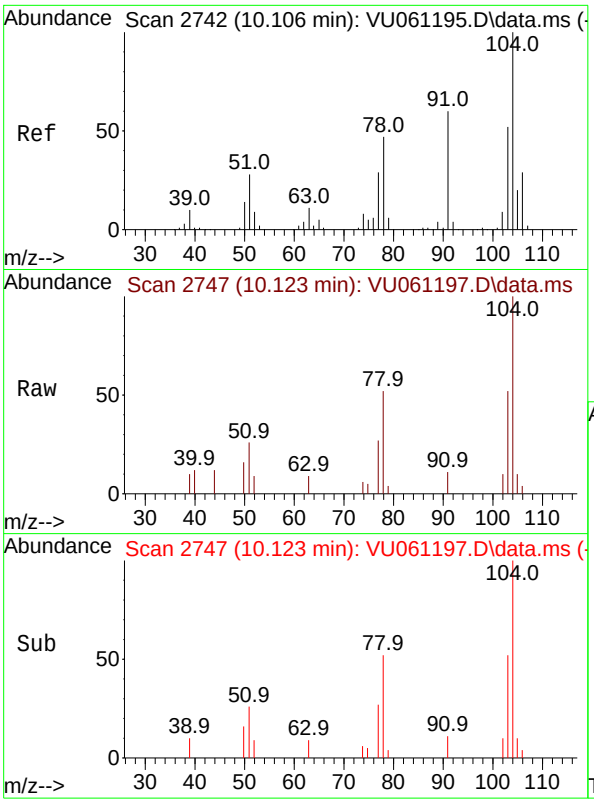


#52
Ethylbenzene
Concen: 0.092 ug/L
RT: 9.573 min Scan# 2576
Delta R.T. 0.010 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Tgt Ion: 91 Resp: 6726

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.0	41.0



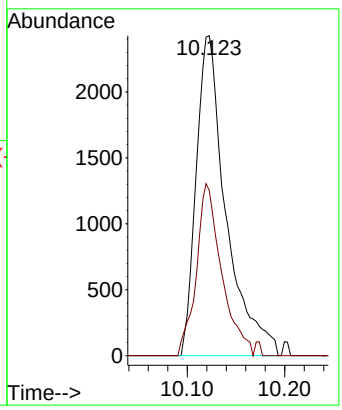


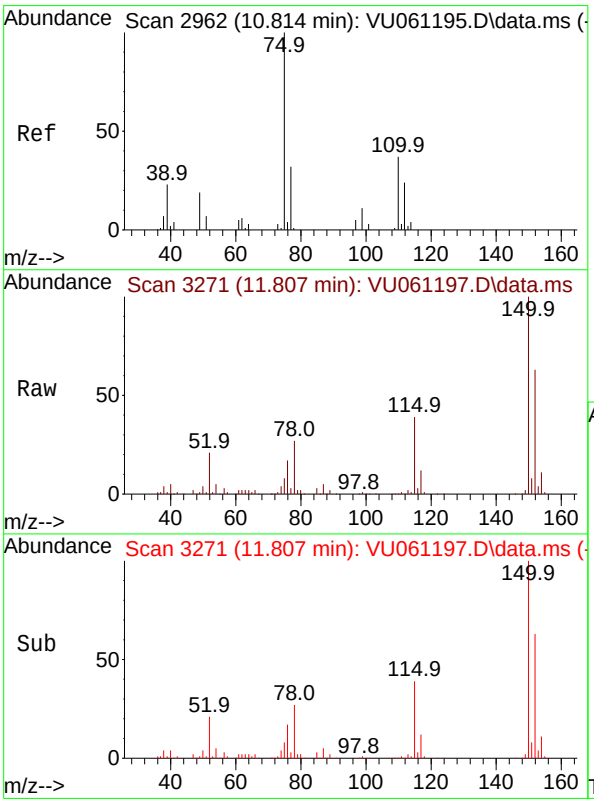
#55
Styrene
Concen: 0.118 ug/L
RT: 10.123 min Scan# 2
Delta R.T. 0.016 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 5154

Ion	Ratio	Lower	Upper
104	100		
78	51.7	32.3	59.9

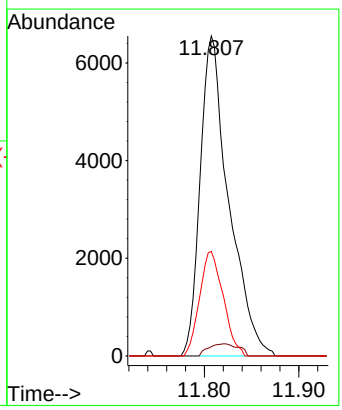


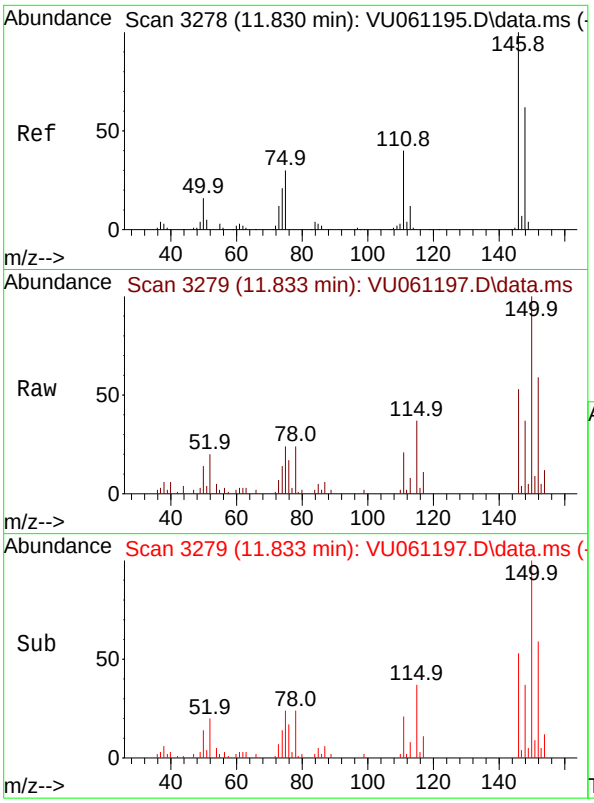


#61
1,2,3-Trichloropropane
Concen: 1.544 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Tgt Ion: 75 Resp: 13733

Ion	Ratio	Lower	Upper
75	100		
110	4.0	28.8	43.2#
77	27.0	25.7	38.5



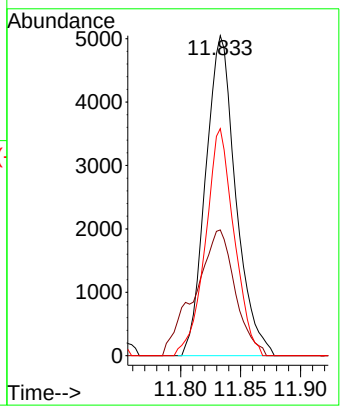


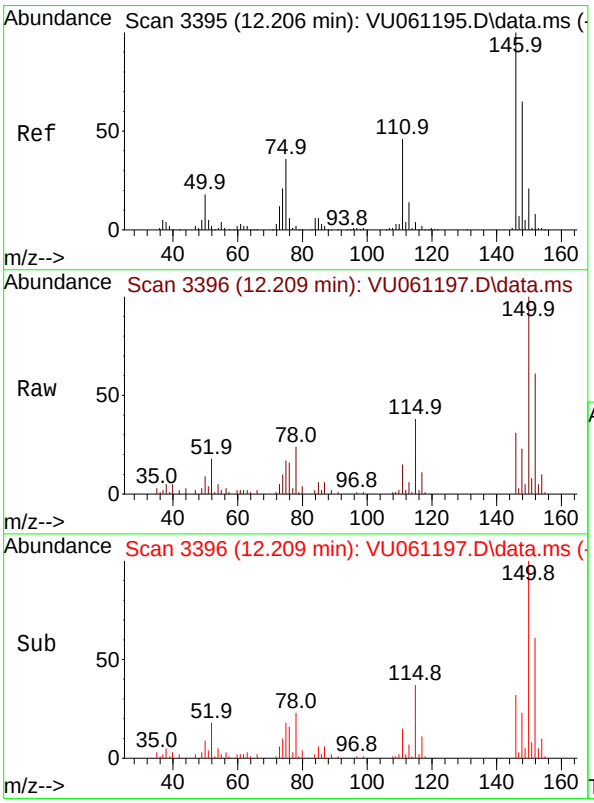
#65
1,4-Dichlorobenzene
Concen: 0.302 ug/L
RT: 11.833 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 8826

Ion	Ratio	Lower	Upper
146	100		
111	39.3	28.2	52.4
148	70.9	43.3	80.3

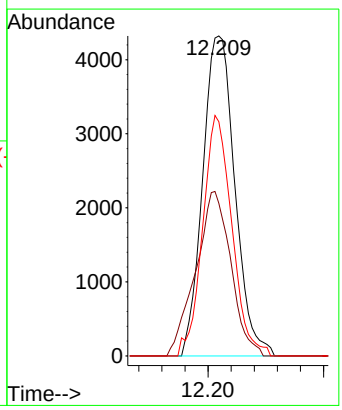


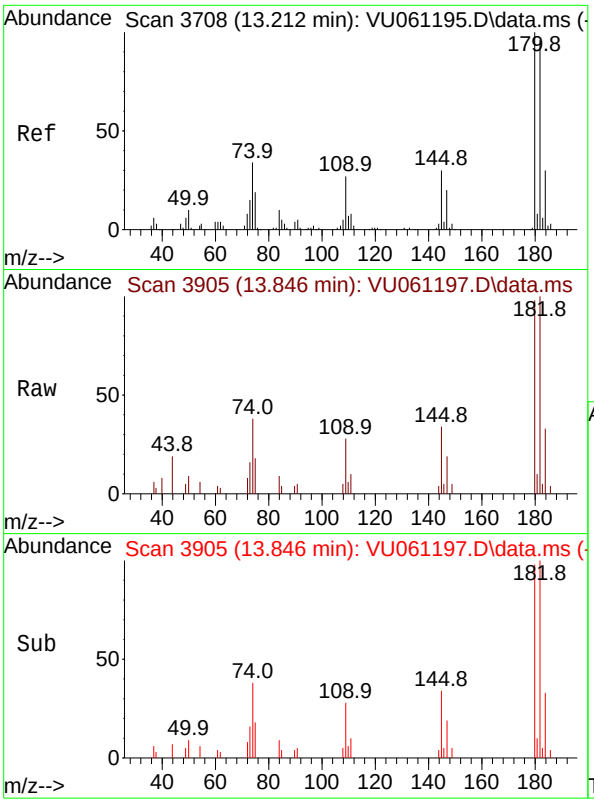


#67
1,2-Dichlorobenzene
Concen: 0.310 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Tgt Ion:146 Resp: 8363

Ion	Ratio	Lower	Upper
146	100		
111	47.7	35.2	52.8
148	73.2	51.3	76.9



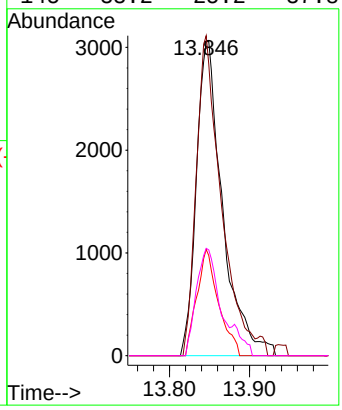


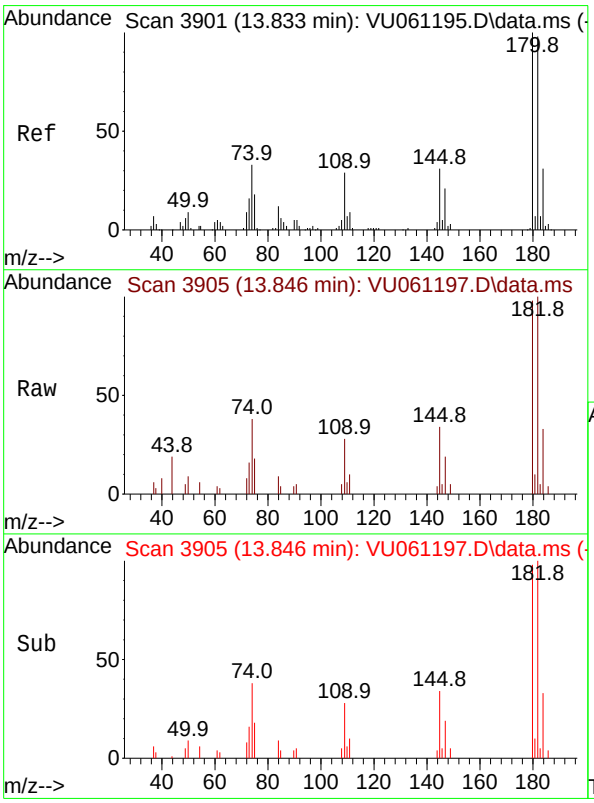
#69
1,3,5-Trichlorobenzene
Concen: 0.355 ug/L
RT: 13.846 min Scan# 3
Delta R.T. 0.633 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 6977

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.4	116.2
184	28.0	24.4	36.6
145	33.2	25.2	37.8





#70
1,2,4-trichlorobenzene
Concen: 0.439 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU061197.D
Acq: 24 Oct 2024 14:29

Tgt Ion:180 Resp: 6977

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.2	115.8
145	33.2	25.6	38.4