Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Quant Time: Nov 18 04:23:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 04:15:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38864	3.589	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	71.800%		
7) Chloroethane-d5	1.907	69	35255	3.814	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	76.200%		
11) 1,1-Dichloroethene-d2	2.557	65	17998	3.705	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	74.000%		
20) 2-Butanone-d5	4.653	46	95283	41.457	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	82.920%		
24) Chloroform-d	5.052	84	90635	4.211	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.200%		
26) 1,2-Dichloroethane-d4	5.692	65	45467	4.402	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.000%		
32) Benzene-d6	5.717	84	183481	4.056	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	81.200%		
36) 1,2-Dichloropropane-d6	6.682	67	57430	4.305	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	86.000%		
41) Toluene-d8	7.891	98	166916	3.959	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.200%		
43) trans-1,3-Dichloroprop...	8.174	79	17473	3.556	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	71.200%		
46) 2-Hexanone-d5	8.627	63	92162	47.459	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	94.920%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49761	4.731	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.600%		
66) 1,2-Dichlorobenzene-d4	12.183	152	68208	4.626	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	92.600%		
Target Compounds						Qvalue
25) Chloroform	5.081	83	7128	0.334	ug/L	95
30) Cyclohexane	5.380	56	3685	0.198	ug/L	98
33) Benzene	5.766	78	32643	0.660	ug/L	100
35) Methylcyclohexane	6.753	83	7768	0.385	ug/L #	84
51) Chlorobenzene	9.438	112	1041904	30.379	ug/L	99
54) o-Xylene	10.097	106	5512	0.261	ug/L	98
60) Isopropylbenzene	10.476	105	297110	5.175	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	32384	1.211	ug/L	95
67) 1,2-Dichlorobenzene	12.203	146	28673	1.171	ug/L	96

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

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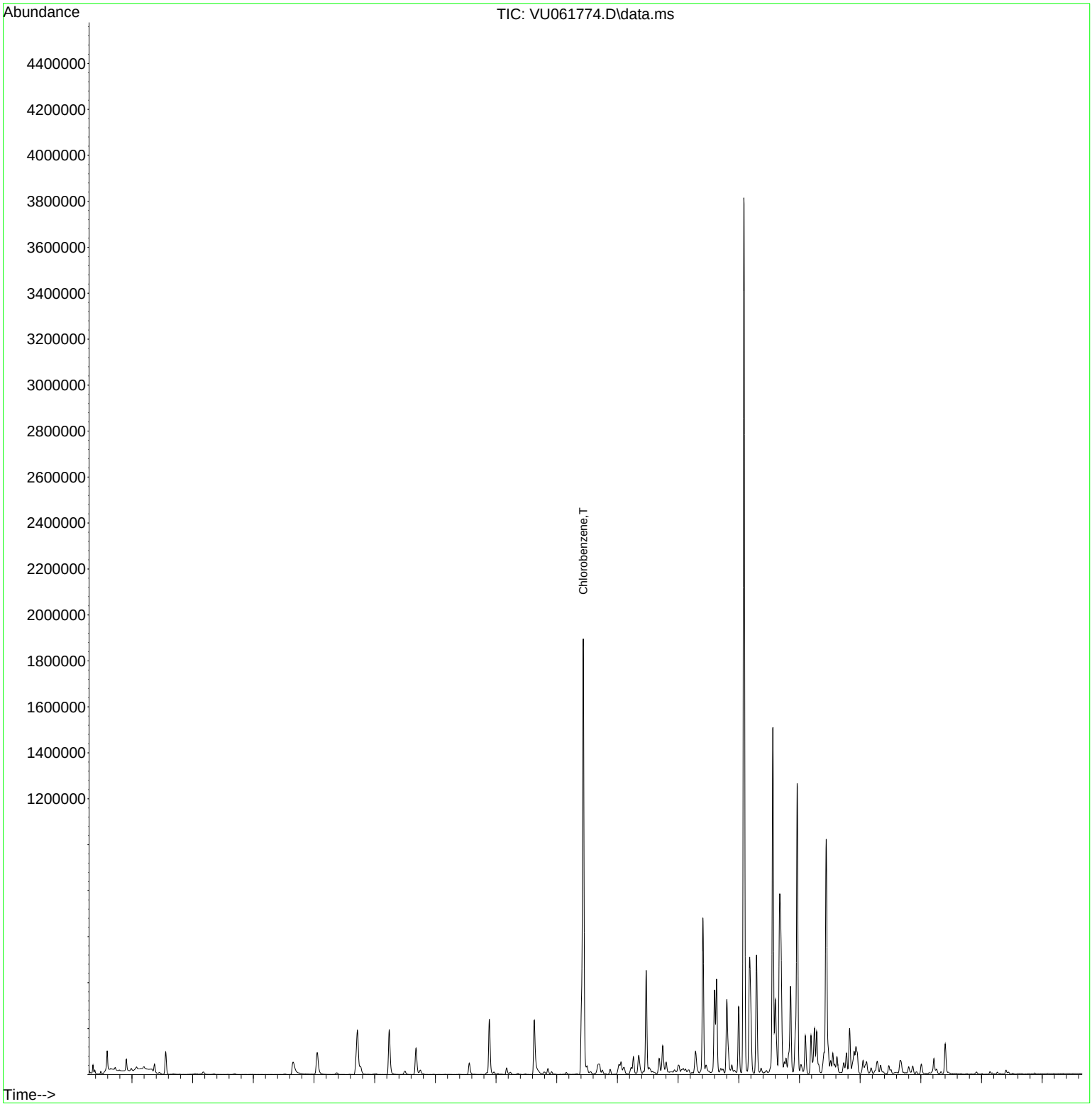
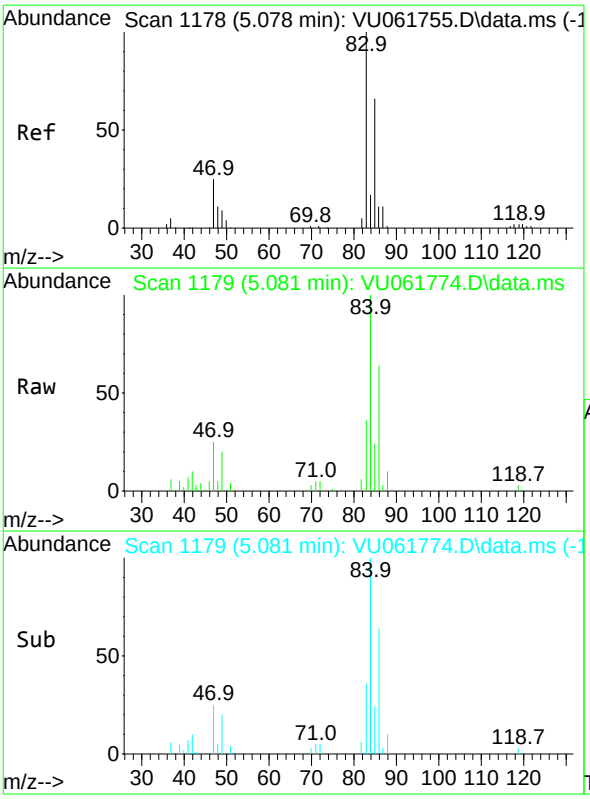


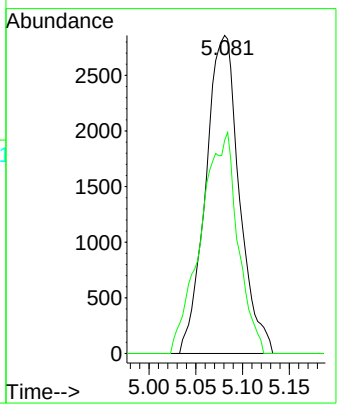


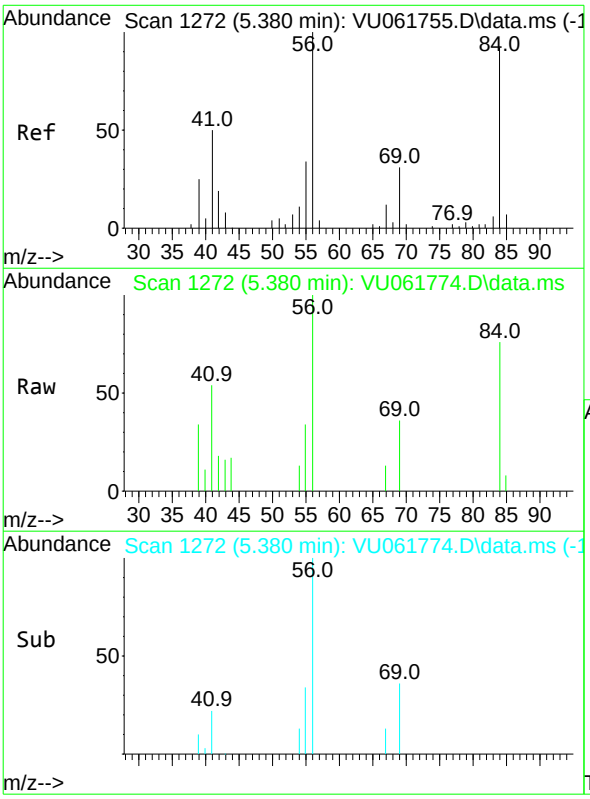
#25
Chloroform
Concen: 0.334 ug/L
RT: 5.081 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Tgt Ion: 83 Resp: 7128

Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.1	81.9

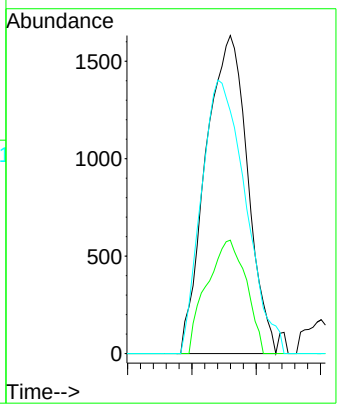


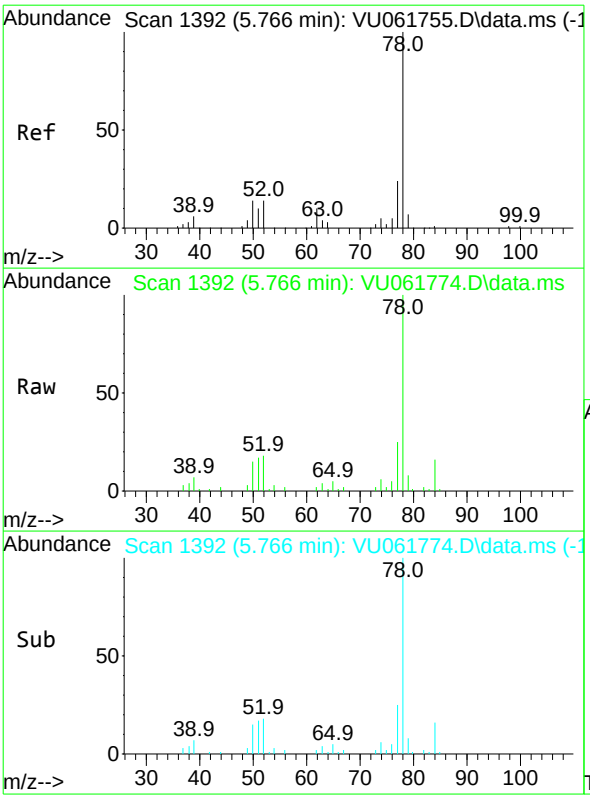


#30
Cyclohexane
Concen: 0.198 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Tgt Ion: 56 Resp: 3685

Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.6	38.4
84	90.6	74.3	111.5

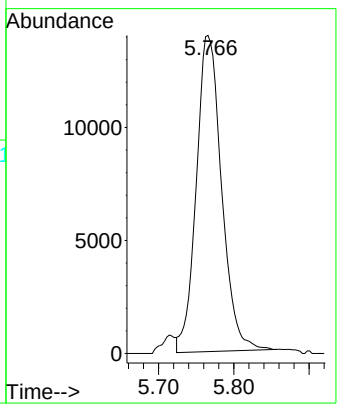


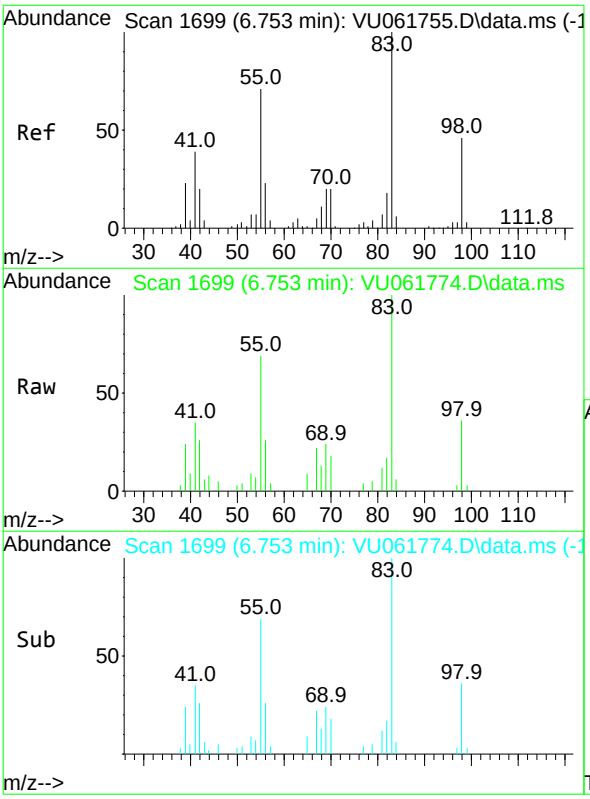


#33
Benzene
Concen: 0.660 ug/L
RT: 5.766 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Tgt Ion: 78 Resp: 32643

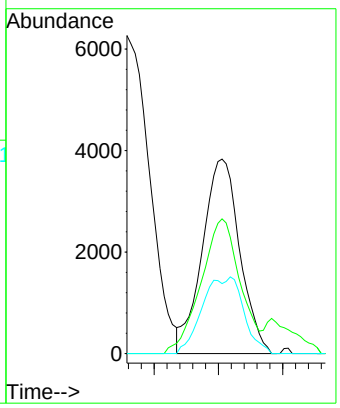


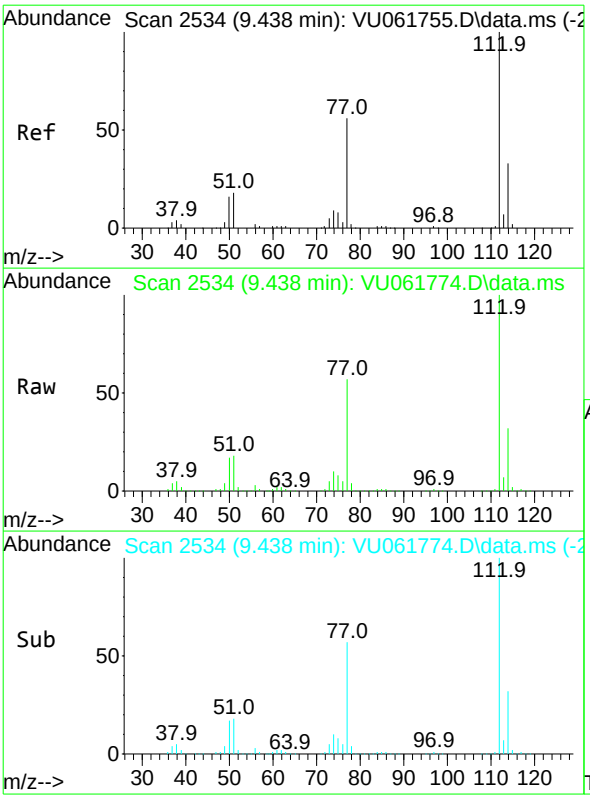


#35
Methylcyclohexane
Concen: 0.385 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Tgt Ion: 83 Resp: 7768

Ion	Ratio	Lower	Upper
83	100		
55	72.1	56.4	84.6
98	22.9	37.7	56.5#



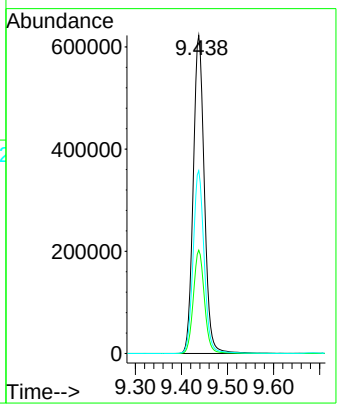


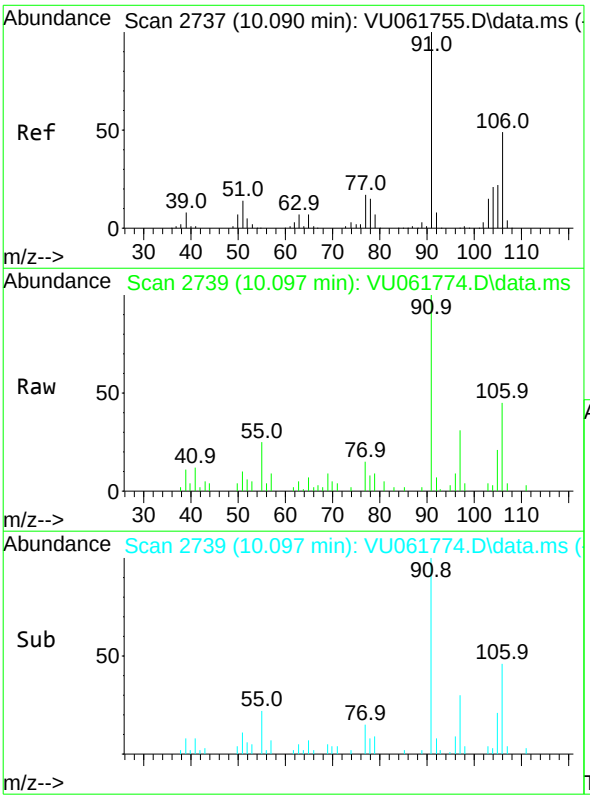
#51
Chlorobenzene
Concen: 30.379 ug/L
RT: 9.438 min Scan# 25
Delta R.T. -0.000 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Tgt Ion:112 Resp: 1041904

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	57.5	45.3	67.9

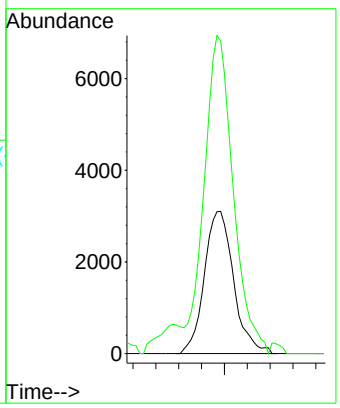


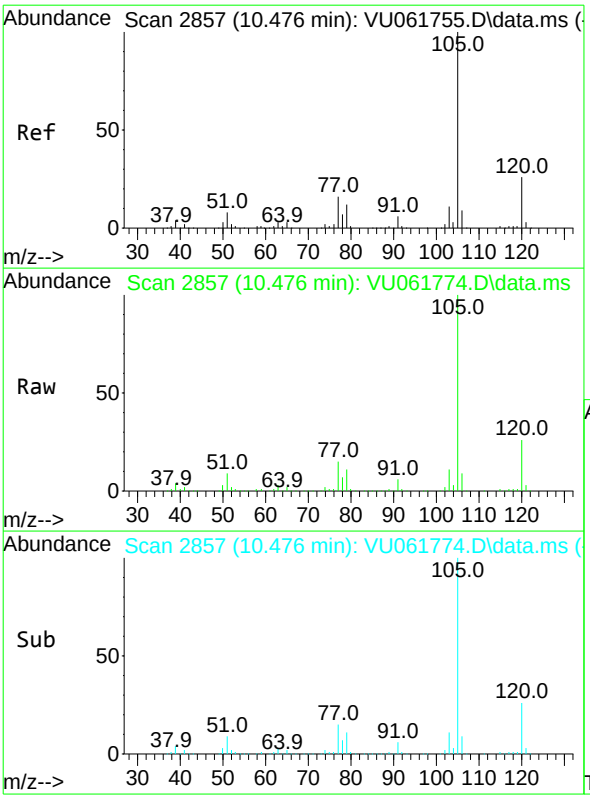


#54
o-Xylene
Concen: 0.261 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Tgt Ion:106 Resp: 5512

Ion	Ratio	Lower	Upper
106	100		
91	219.9	151.3	280.9



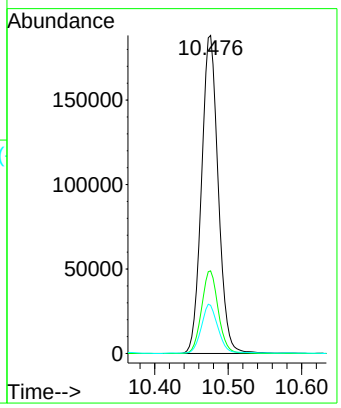


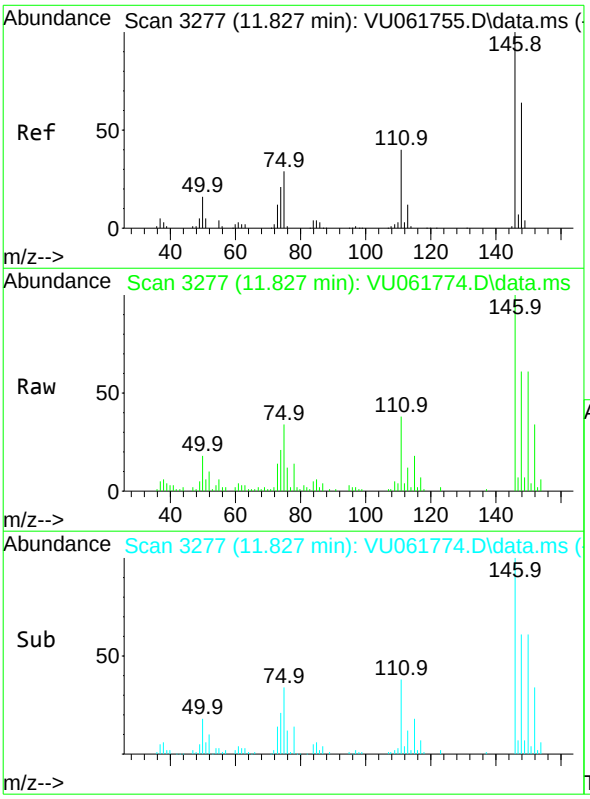
#60
Isopropylbenzene
Concen: 5.175 ug/L
RT: 10.476 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Tgt Ion:105 Resp: 297110

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.6	32.4
77	15.2	12.8	19.2

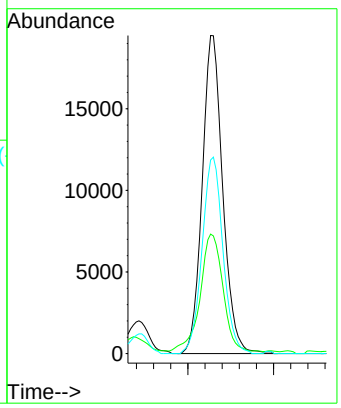


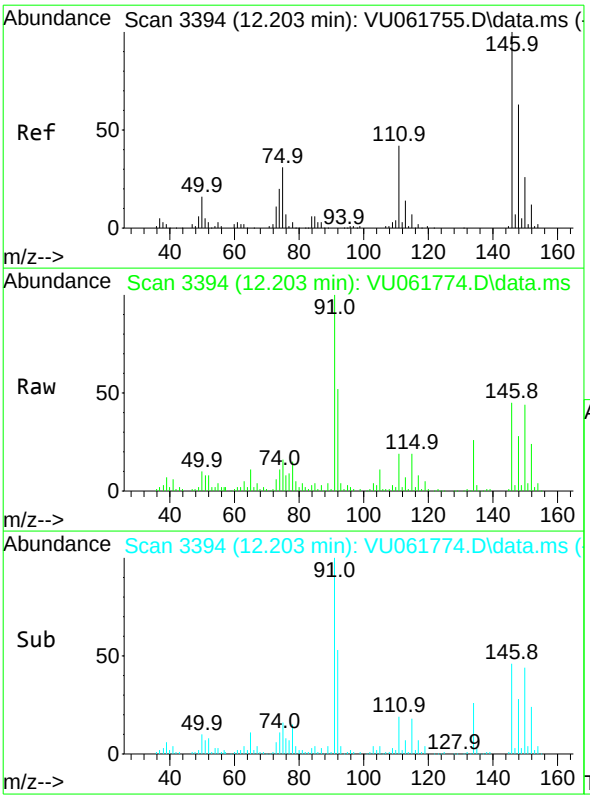


#65
1,4-Dichlorobenzene
Concen: 1.211 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Tgt Ion:146 Resp: 32384

Ion	Ratio	Lower	Upper
146	100		
111	37.6	28.8	53.4
148	60.9	44.7	83.1





#67
1,2-Dichlorobenzene
Concen: 1.171 ug/L
RT: 12.203 min Scan# 33
Delta R.T. -0.000 min
Lab File: VU061774.D
Acq: 17 Nov 2024 04:14

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Tgt Ion:146 Resp: 28673

Ion	Ratio	Lower	Upper
146	100		
111	41.4	35.2	52.8
148	62.6	52.6	79.0