Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Quant Time: Nov 08 00:30:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 08 00:26:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	143755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62270	6.215	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 124.400%			
7) Chloroethane-d5	1.908	69	45832	4.990	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.800%			
11) 1,1-Dichloroethene-d2	2.560	65	21455	5.005	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.200%			
20) 2-Butanone-d5	4.631	46	104700	51.471	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.940%			
24) Chloroform-d	5.052	84	104737	5.507	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.200%			
26) 1,2-Dichloroethane-d4	5.695	65	54155	5.713	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.200%			
32) Benzene-d6	5.718	84	215131	5.311	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.200%			
36) 1,2-Dichloropropane-d6	6.682	67	65894	5.411	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.200%			
41) Toluene-d8	7.891	98	198312	5.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
43) trans-1,3-Dichloroprop...	8.174	79	22210	4.468	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.400%			
46) 2-Hexanone-d5	8.628	63	104189	51.173	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.340%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50252	5.457	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	71925	5.808	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	1696495	148.808	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6816	0.741	ug/L	93
18) trans-1,2-Dichloroethene	3.348	96	14689	1.523	ug/L	98
19) 1,1-Dichloroethane	3.859	63	132237	7.271	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	477697	43.372	ug/L	99
30) Cyclohexane	5.380	56	11178	0.633	ug/L	98
33) Benzene	5.766	78	291152	6.549	ug/L	100
42) Toluene	7.962	91	3221958	66.735	ug/L	99
51) Chlorobenzene	9.441	112	28204	0.924	ug/L	93
52) Ethylbenzene	9.560	91	1271237	23.938	ug/L	99
53) m,p-Xylene	9.685	106	482990	23.873	ug/L	97
54) o-Xylene	10.090	106	543550	27.222	ug/L	97
60) Isopropylbenzene	10.476	105	33285	0.623	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	28764	0.661	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	133094	3.096	ug/L	100

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

Quantitation Report (LSC Reviewed)

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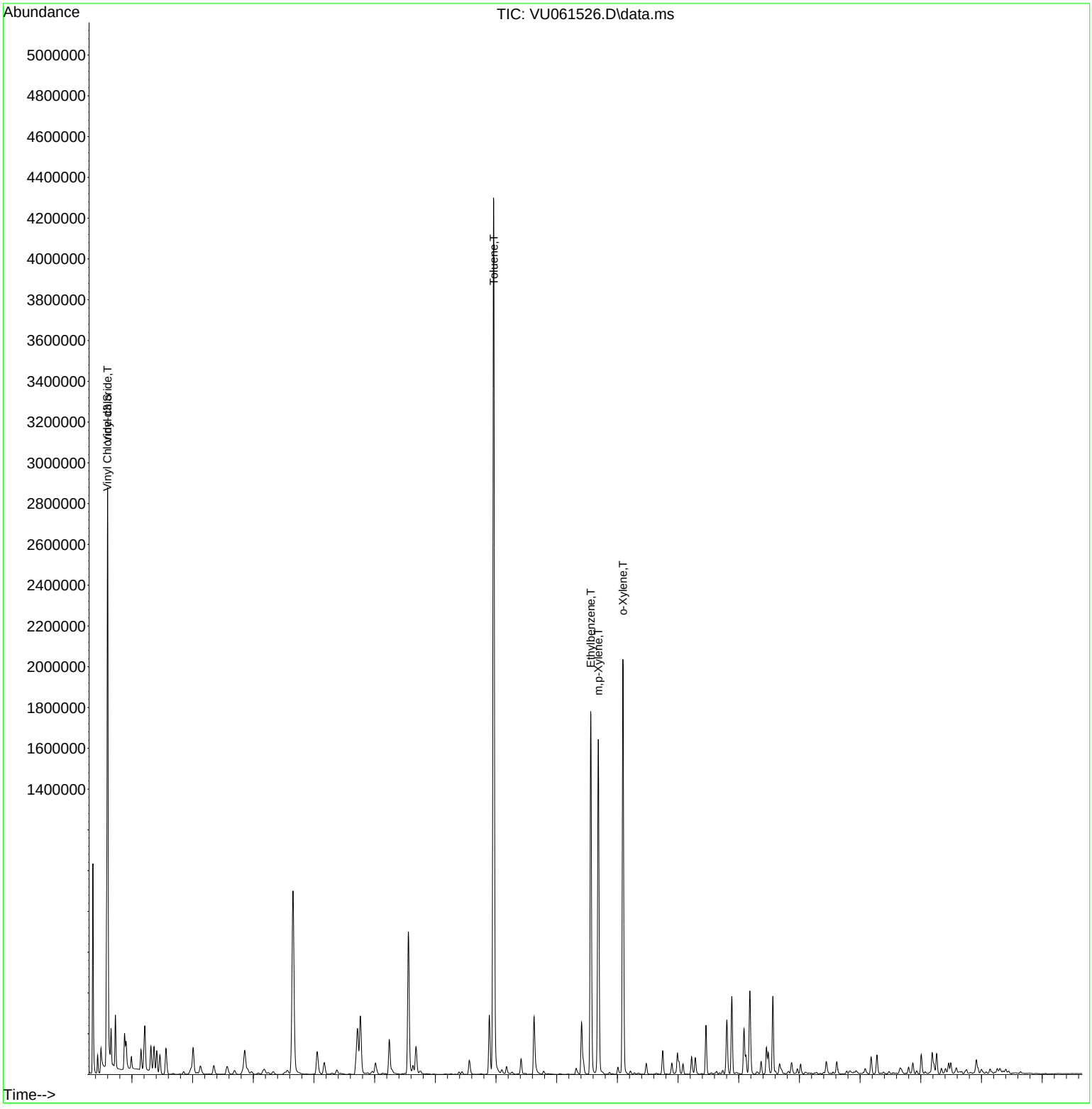
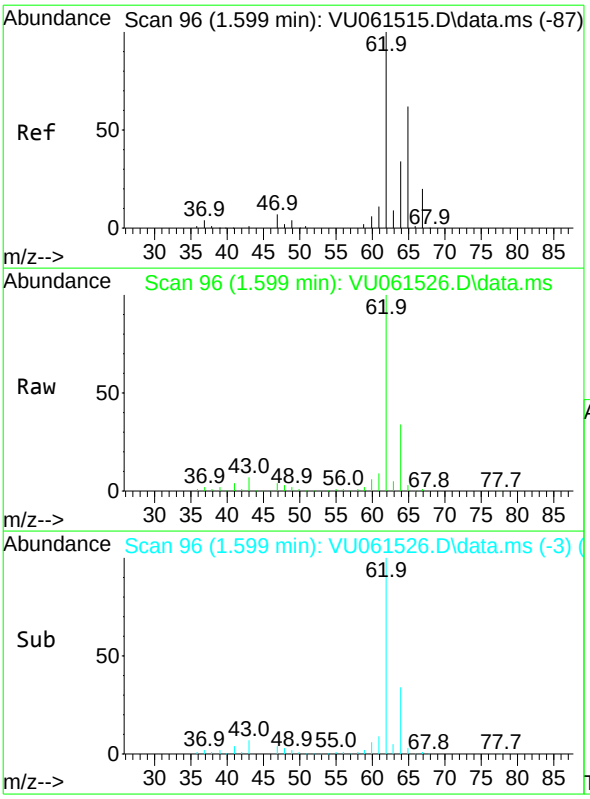
Quant Time: Nov 08 00:30:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 08 00:26:16 2024
Response via : Initial Calibration



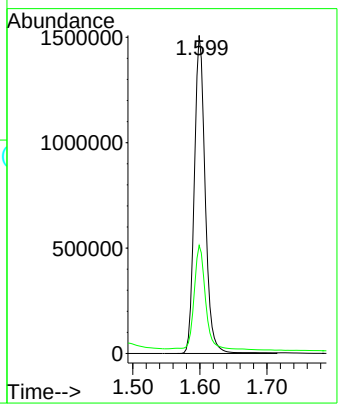


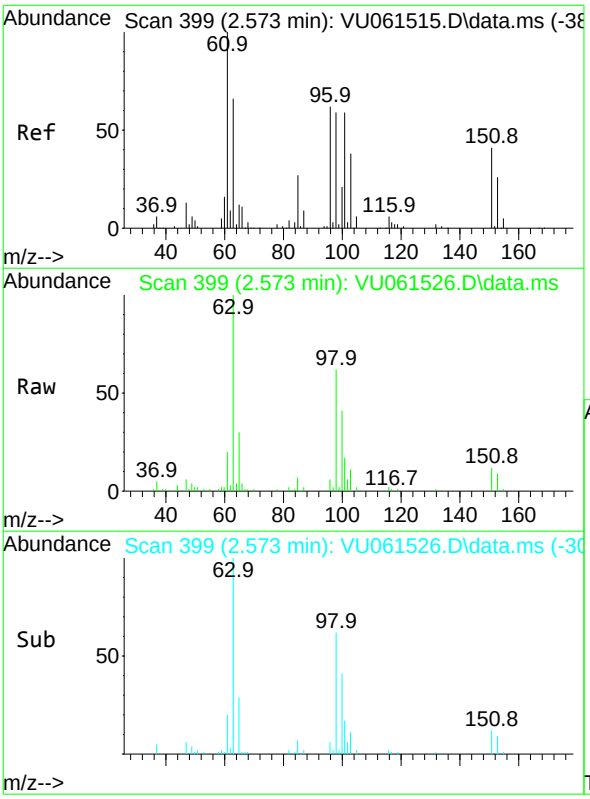
#5
Vinyl chloride
Concen: 148.808 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion: 62 Resp: 1696495

Ion	Ratio	Lower	Upper
62	100		
64	34.0	22.6	42.0

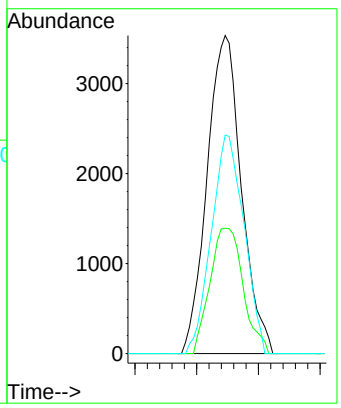


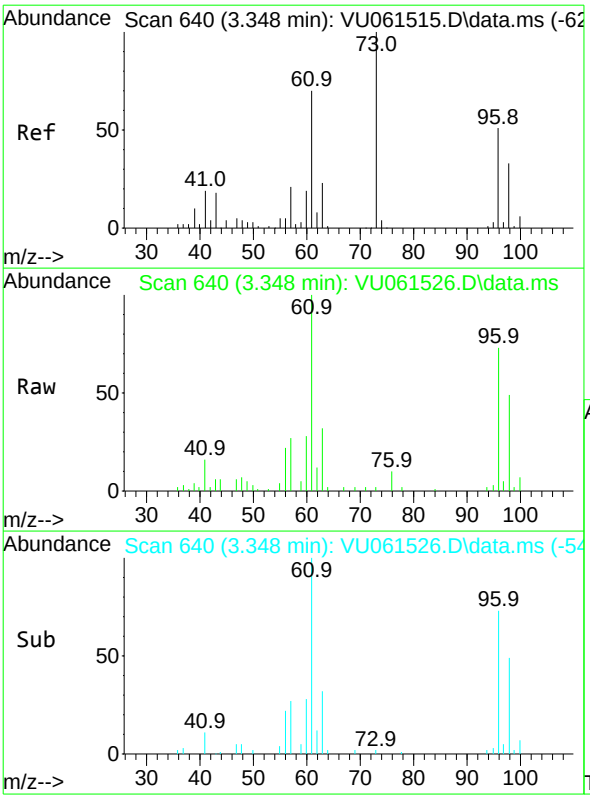


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.741 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Tgt Ion:101 Resp: 6816

Ion	Ratio	Lower	Upper
101	100		
85	38.2	35.6	53.4
151	65.4	55.9	83.9



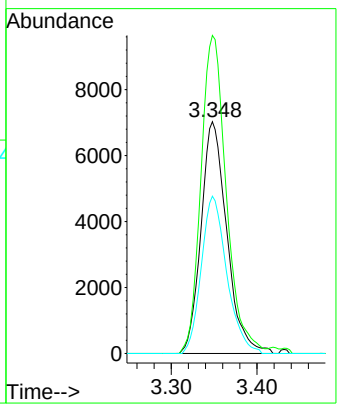


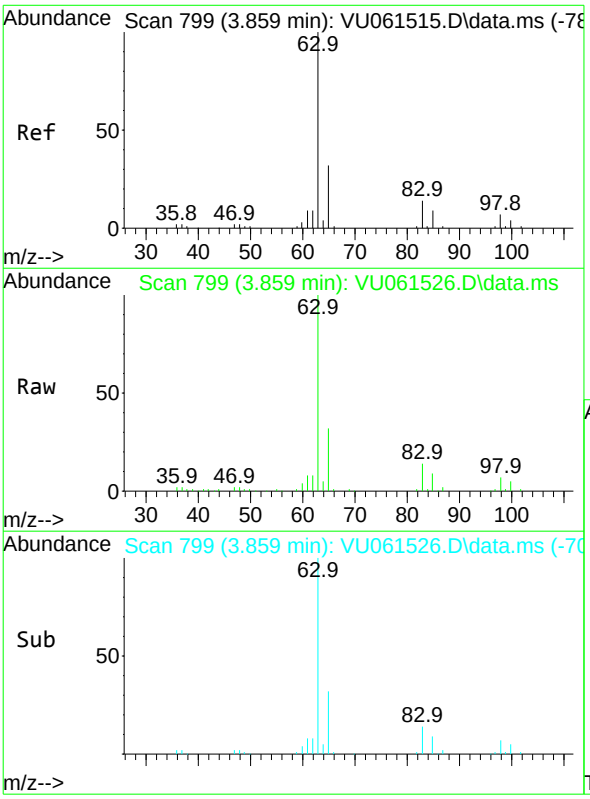
#18
trans-1,2-Dichloroethene
Concen: 1.523 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion: 96 Resp: 14689

Ion	Ratio	Lower	Upper
96	100		
61	137.2	97.9	181.7
98	67.9	46.2	85.8

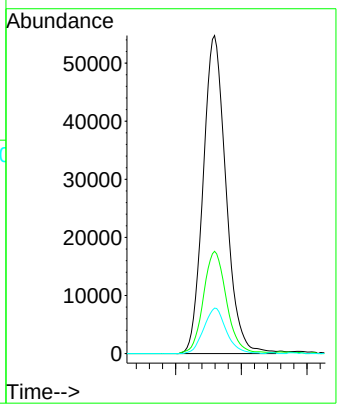


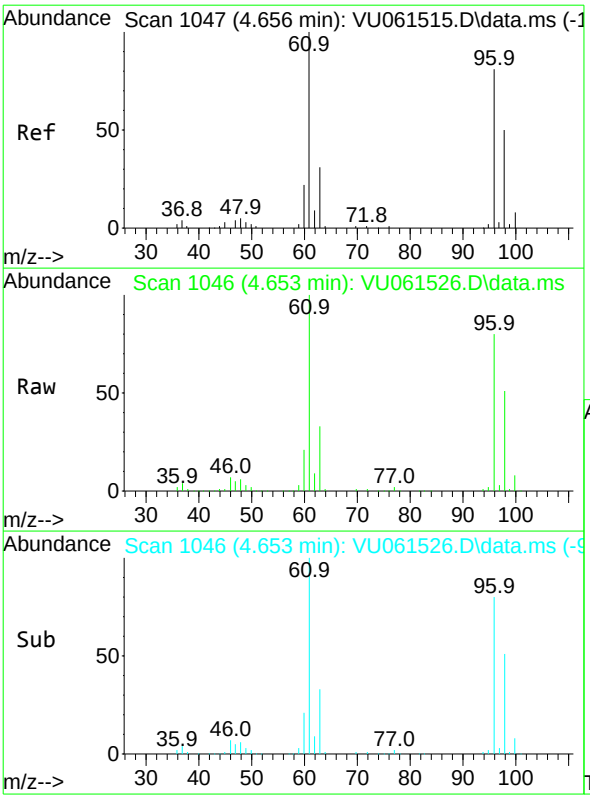


#19
1,1-Dichloroethane
Concen: 7.271 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Tgt Ion: 63 Resp: 132237

Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.0	42.6
83	14.3	9.7	17.9



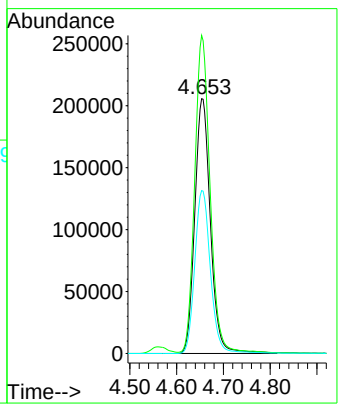


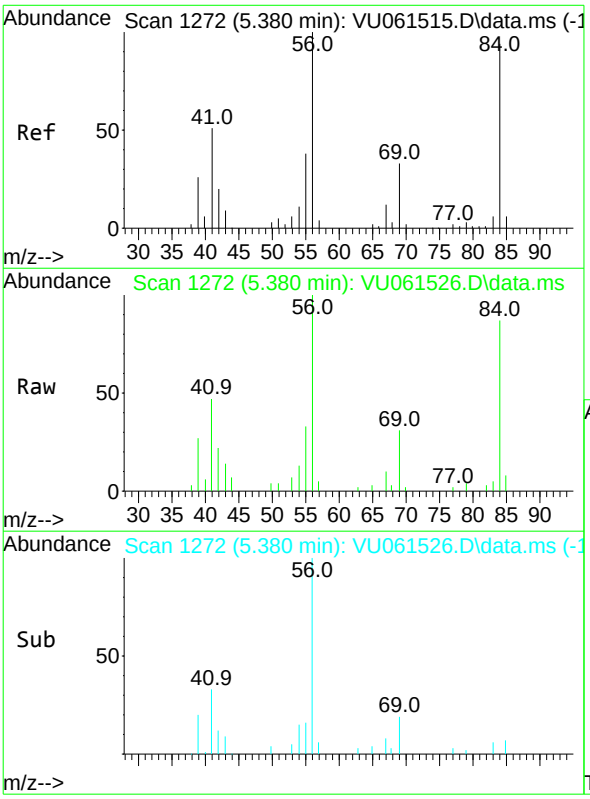
#22
cis-1,2-Dichloroethene
Concen: 43.372 ug/L
RT: 4.653 min Scan# 10
Delta R.T. -0.003 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion: 96 Resp: 477697

Ion	Ratio	Lower	Upper
96	100		
61	124.8	88.1	163.5
98	63.9	45.0	83.6

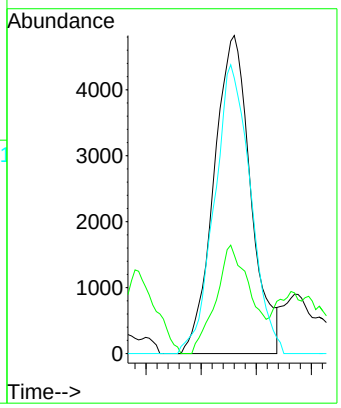


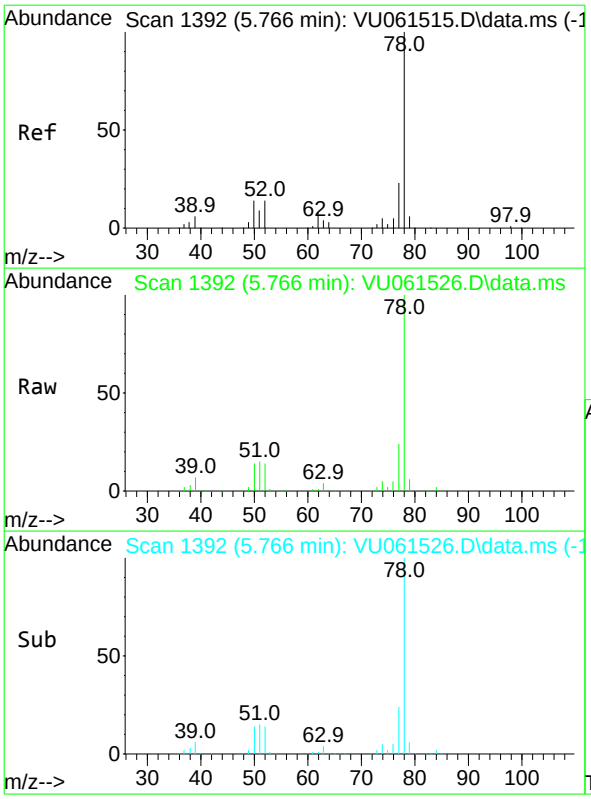


#30
Cyclohexane
Concen: 0.633 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Tgt Ion: 56 Resp: 11178

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.8	38.6
84	89.3	73.9	110.9

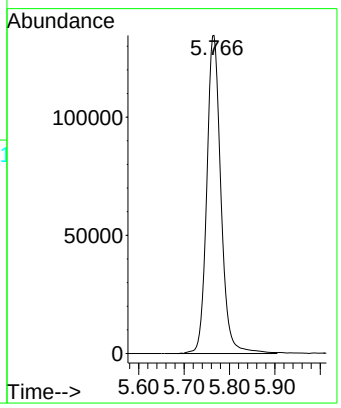


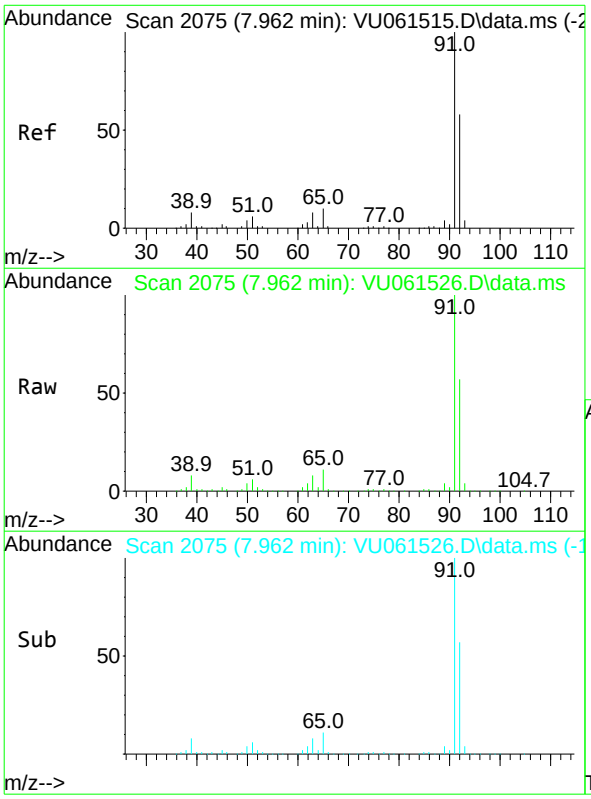


#33
Benzene
Concen: 6.549 ug/L
RT: 5.766 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion: 78 Resp: 291152

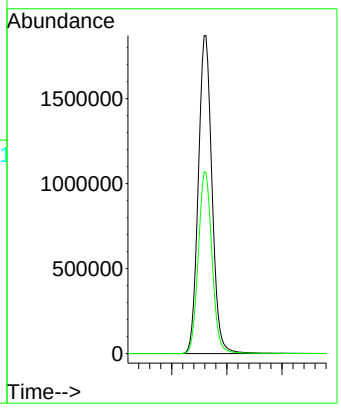


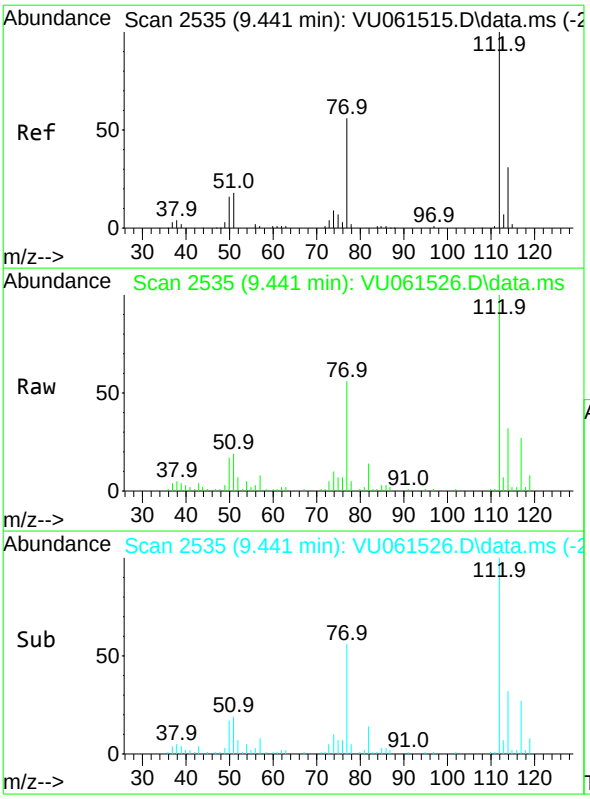


#42
Toluene
Concen: 66.735 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Tgt Ion: 91 Resp: 3221958

Ion	Ratio	Lower	Upper
91	100		
92	56.9	40.3	74.8



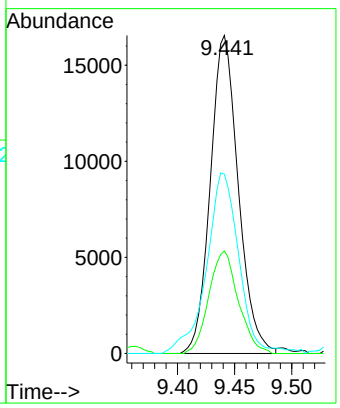


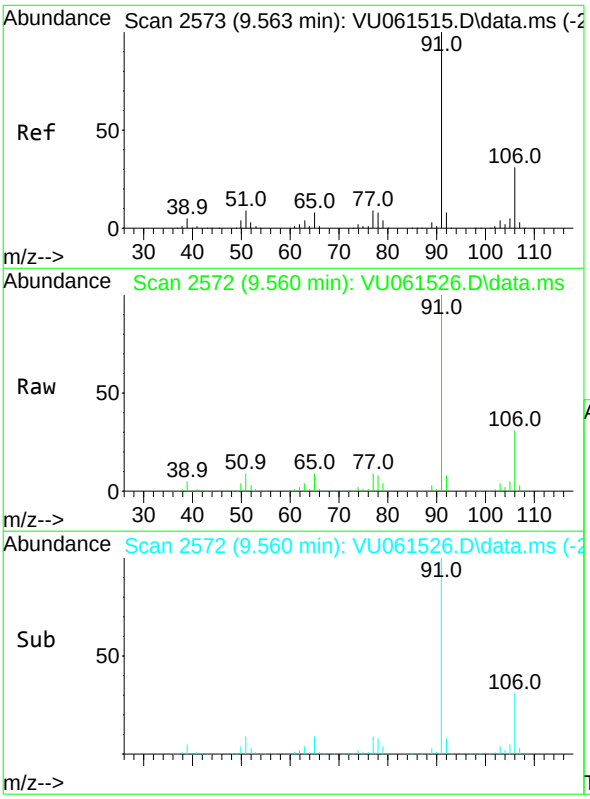
#51
Chlorobenzene
Concen: 0.924 ug/L
RT: 9.441 min Scan# 25
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion:112 Resp: 28204

Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.9	42.5
77	52.8	47.1	70.7

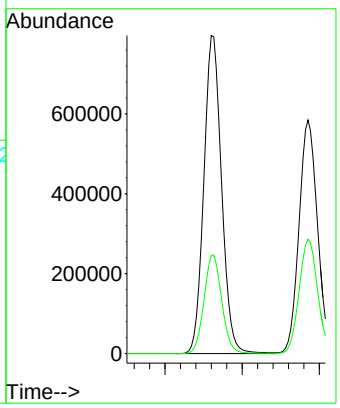


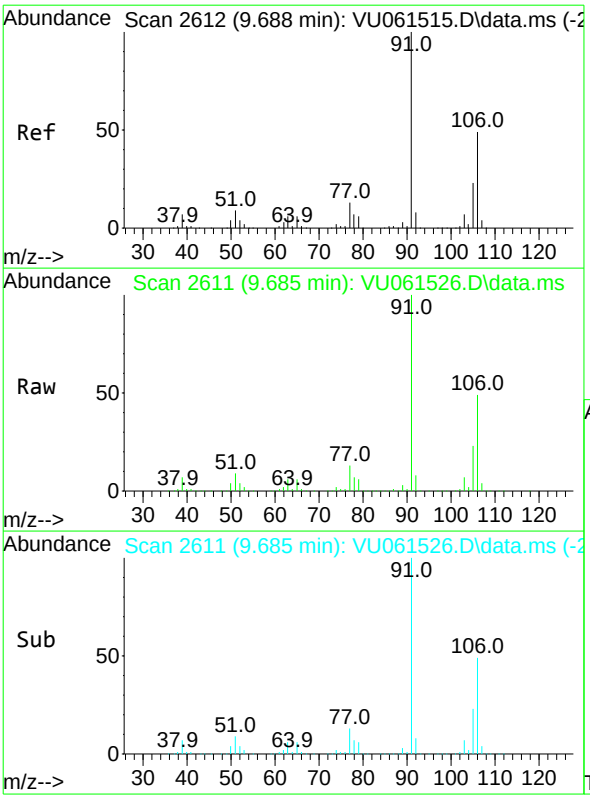


#52
Ethylbenzene
Concen: 23.938 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Tgt Ion: 91 Resp: 1271237

Ion	Ratio	Lower	Upper
91	100		
106	30.9	22.0	41.0



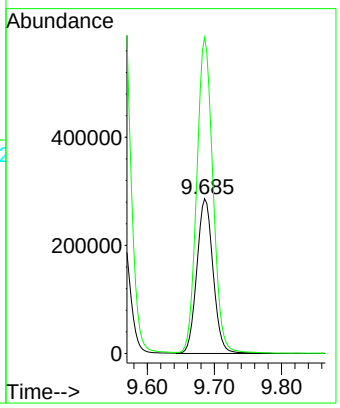


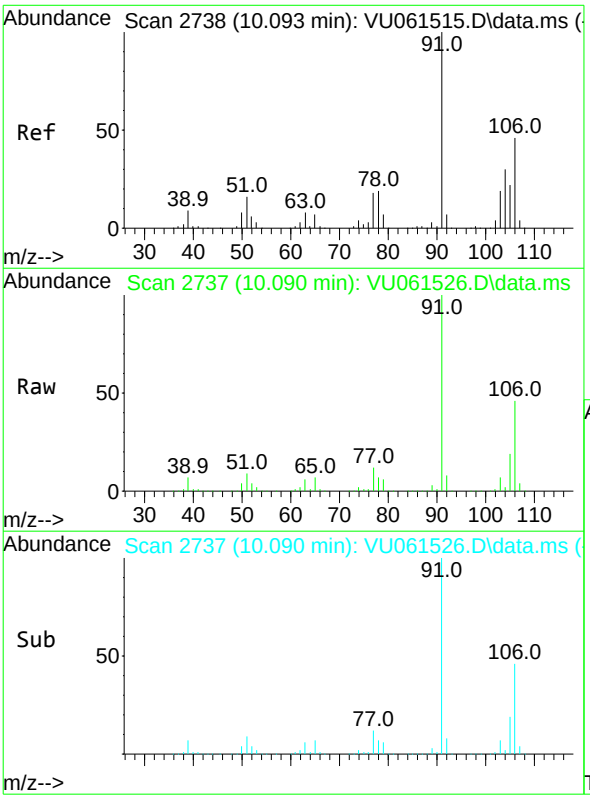
#53
m,p-Xylene
Concen: 23.873 ug/L
RT: 9.685 min Scan# 26
Delta R.T. -0.003 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion:106 Resp: 482990

Ion	Ratio	Lower	Upper
106	100		
91	204.2	145.7	270.7

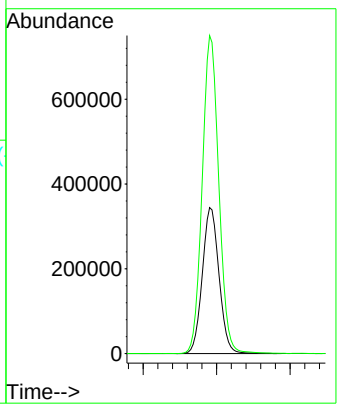


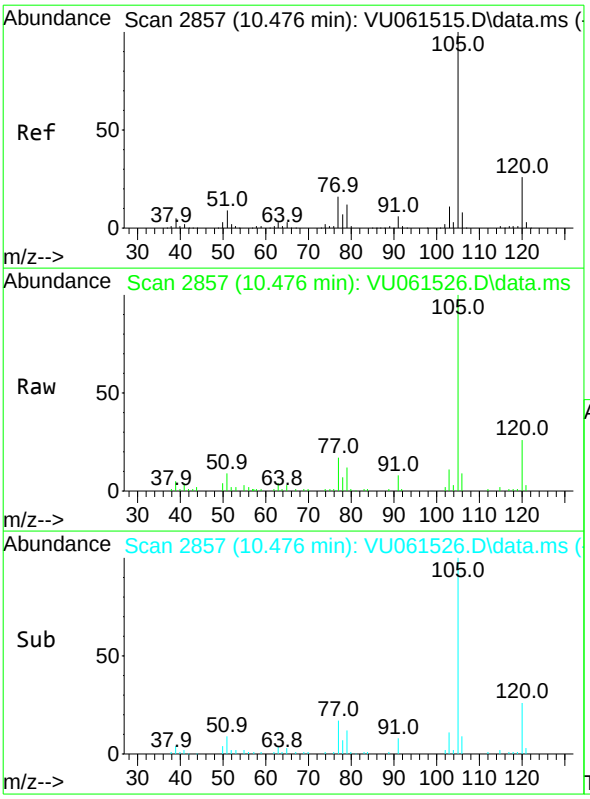


#54
o-Xylene
Concen: 27.222 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Tgt Ion:106 Resp: 543550

Ion	Ratio	Lower	Upper
106	100		
91	217.8	148.8	276.4



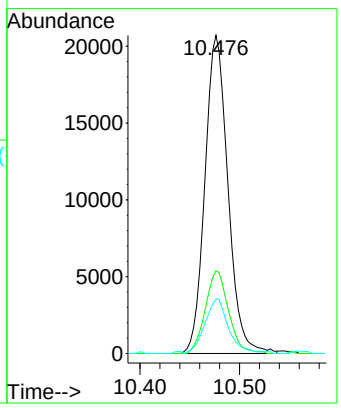


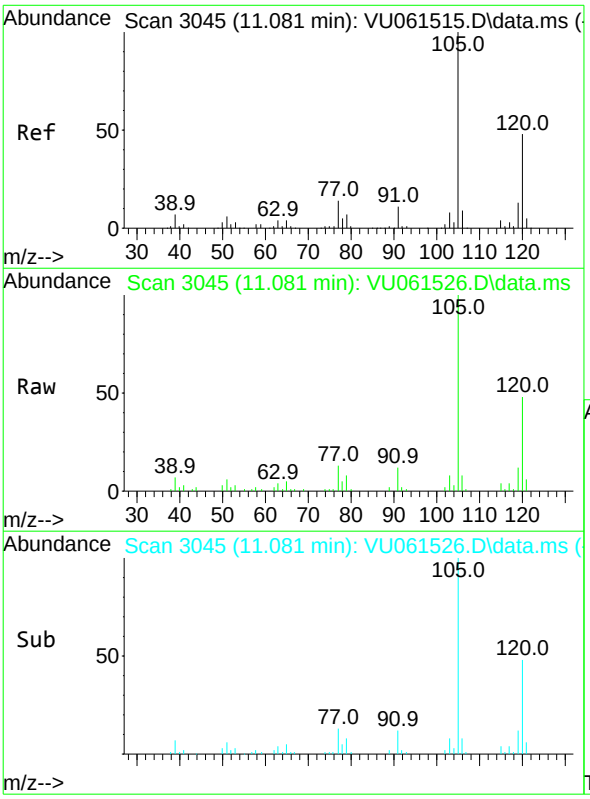
#60
Isopropylbenzene
Concen: 0.623 ug/L
RT: 10.476 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion:105 Resp: 33285

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.2	31.8
77	17.5	12.6	19.0

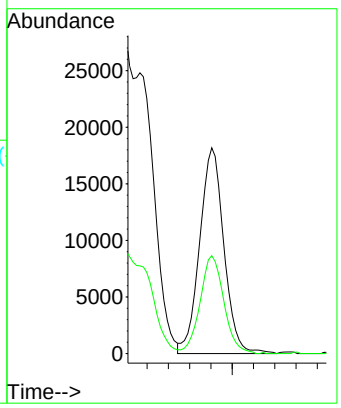


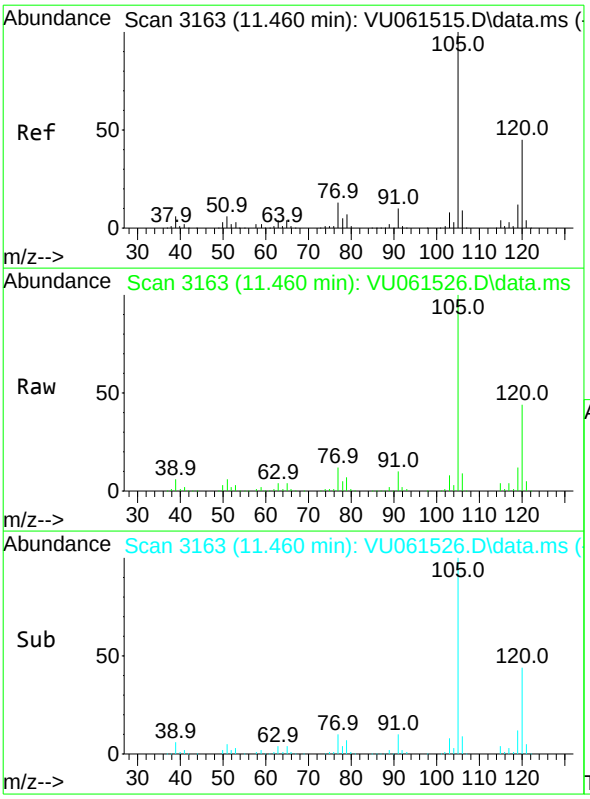


#62
1,3,5-Trimethylbenzene
Concen: 0.661 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Tgt Ion:105 Resp: 28764

Ion	Ratio	Lower	Upper
105	100		
120	46.5	38.7	58.1





#63
1,2,4-Trimethylbenzene
Concen: 3.096 ug/L
RT: 11.460 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061526.D
Acq: 07 Nov 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Tgt Ion:105 Resp: 133094

Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.4	53.0