Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110624\
Data File : VU061507.D
Acq On : 06 Nov 2024 17:22
Operator : MD/SY
Sample : P4714-03DL 4X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 07 00:54:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 07 00:10:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145709	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45485	4.595	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.000%			
7) Chloroethane-d5	1.907	69	49723	5.480	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.600%			
11) 1,1-Dichloroethene-d2	2.560	65	20633	4.872	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.400%			
20) 2-Butanone-d5	4.624	46	110484	54.978	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.960%			
24) Chloroform-d	5.052	84	97362	5.182	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
26) 1,2-Dichloroethane-d4	5.692	65	52464	5.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.000%			
32) Benzene-d6	5.718	84	203887	5.277	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.600%			
36) 1,2-Dichloropropane-d6	6.682	67	61700	5.312	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.200%			
41) Toluene-d8	7.891	98	177189	4.905	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
43) trans-1,3-Dichloroprop...	8.174	79	18671	3.938	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.800%			
46) 2-Hexanone-d5	8.627	63	98184	50.559	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.120%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48494	5.521	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	67927	5.731	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.600%			
Target Compounds						Qvalue
33) Benzene	5.769	78	38703	0.913	ug/L	100
35) Methylcyclohexane	6.682	83	14596	0.795	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	6470	0.602	ug/L #	89
42) Toluene	7.968	91	9250	0.201	ug/L	92
52) Ethylbenzene	9.563	91	247011	4.876	ug/L	99
53) m,p-Xylene	9.688	106	52266	2.708	ug/L	98
54) o-Xylene	10.094	106	37691	1.979	ug/L	99
55) Styrene	10.090	104	2100	0.069	ug/L #	1
60) Isopropylbenzene	10.476	105	58288	1.140	ug/L	98
61) 1,2,3-Trichloropropane	11.460	75	1850	0.277	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.081	105	38433	0.923	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	185838	4.516	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.016	75	12025	8.589	ug/L #	2
71) Naphthalene	14.077	128	2827328	150.501	ug/L	99

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

Quantitation Report (Not Reviewed)

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Acq On : 06 Nov 2024 17:22
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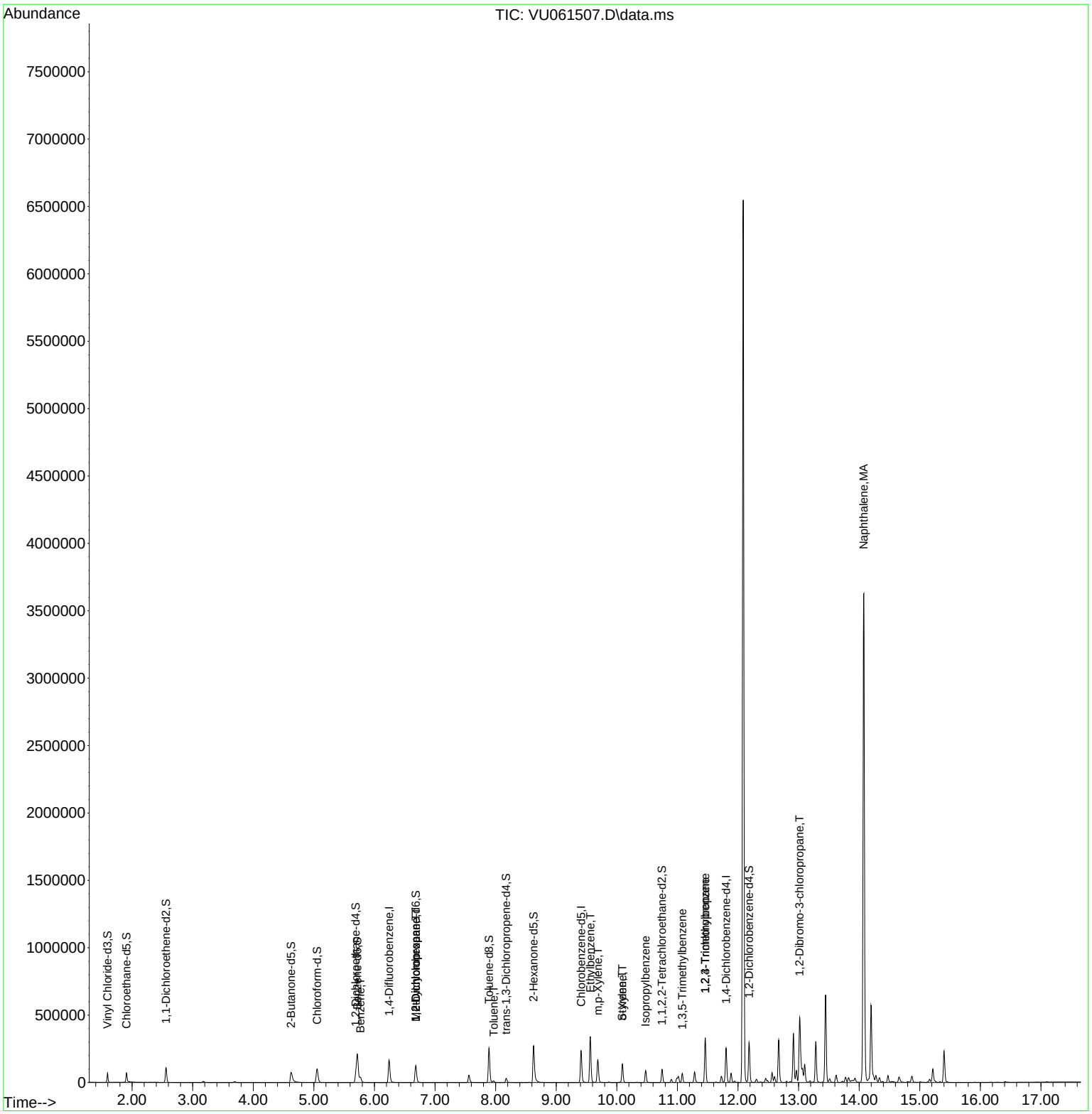
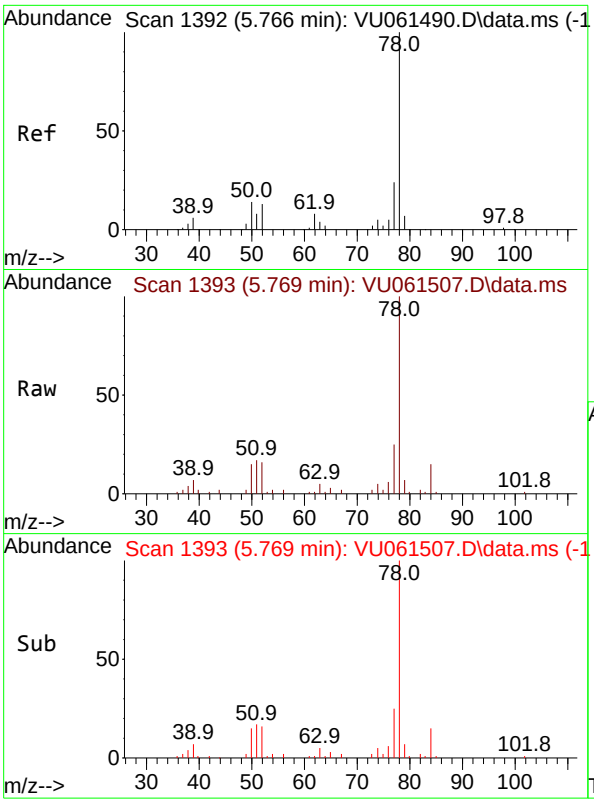
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 07 00:54:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 07 00:10:32 2024
Response via : Initial Calibration

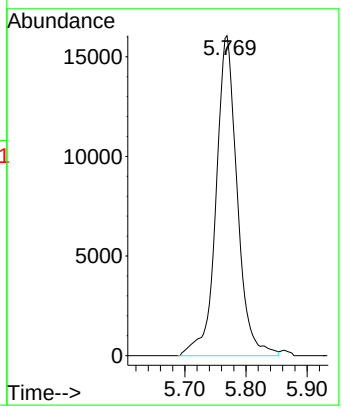


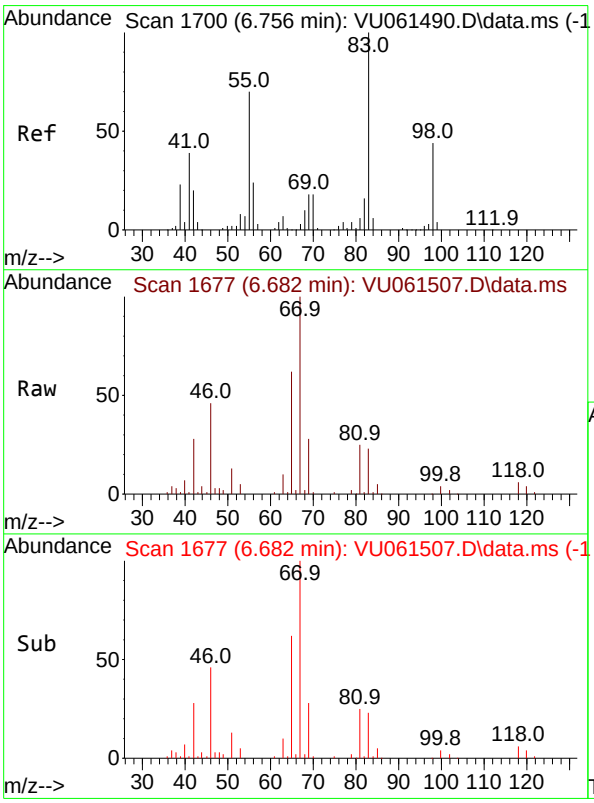


#33
Benzene
Concen: 0.913 ug/L
RT: 5.769 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 38703

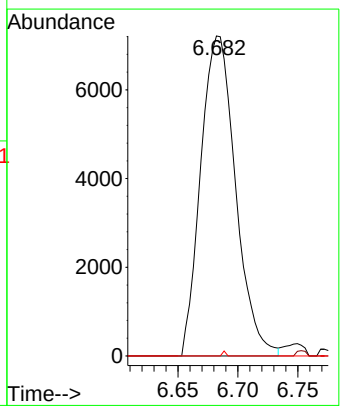


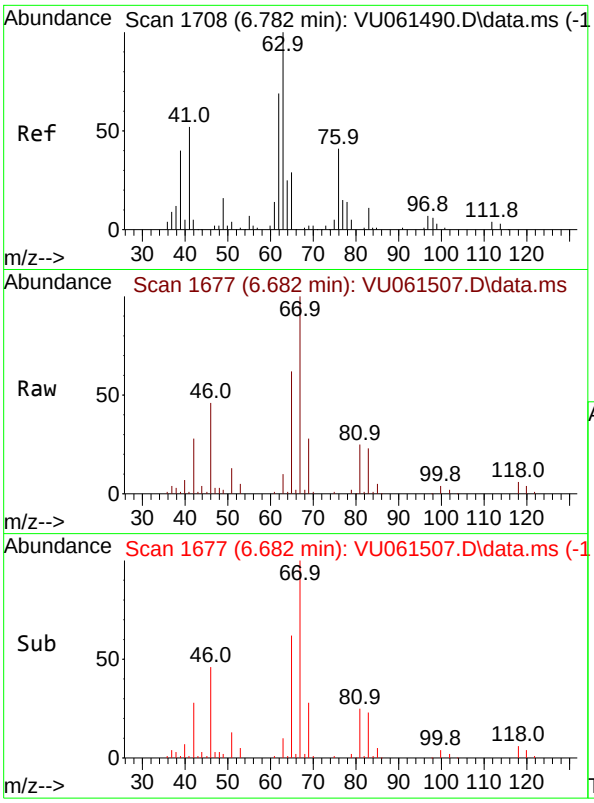


#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion: 83 Resp: 14596

Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.9	83.9#
98	0.1	35.9	53.9#



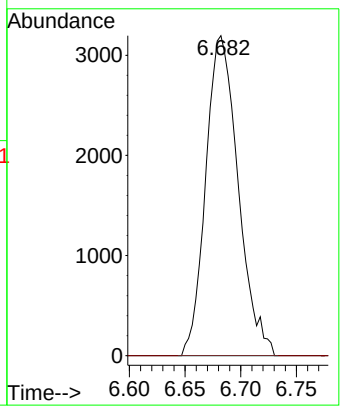


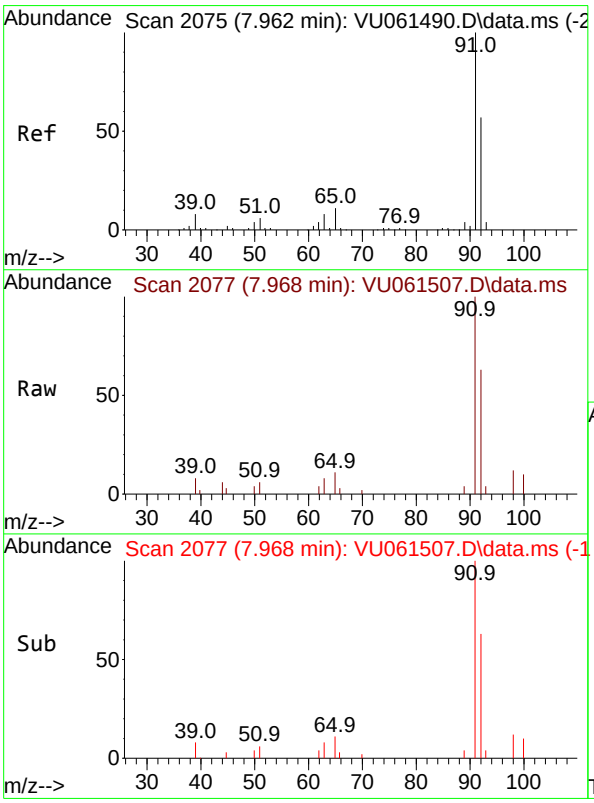
#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6470

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

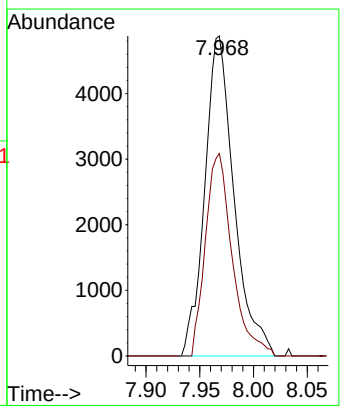


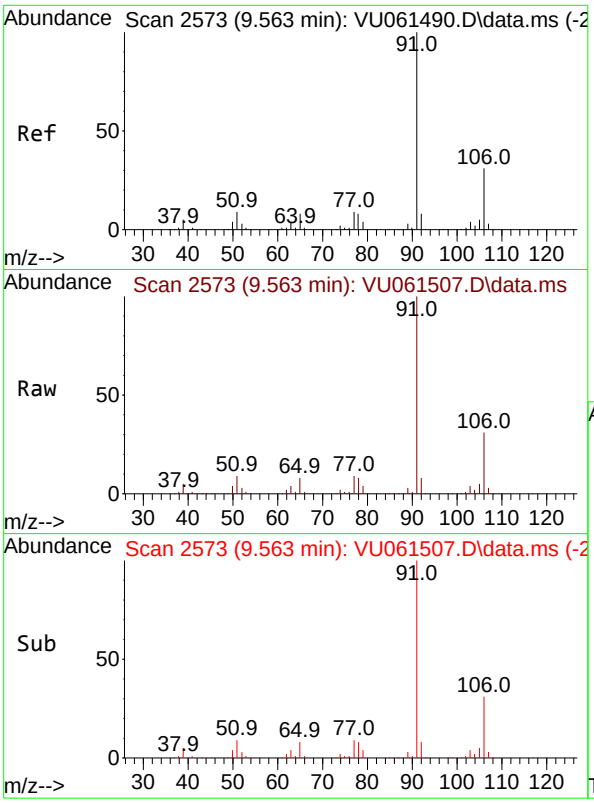


#42
Toluene
Concen: 0.201 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion: 91 Resp: 9250

Ion	Ratio	Lower	Upper
91	100		
92	63.2	40.3	74.8



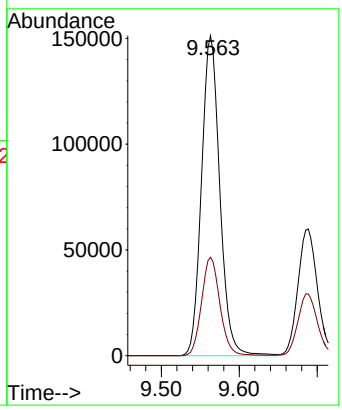


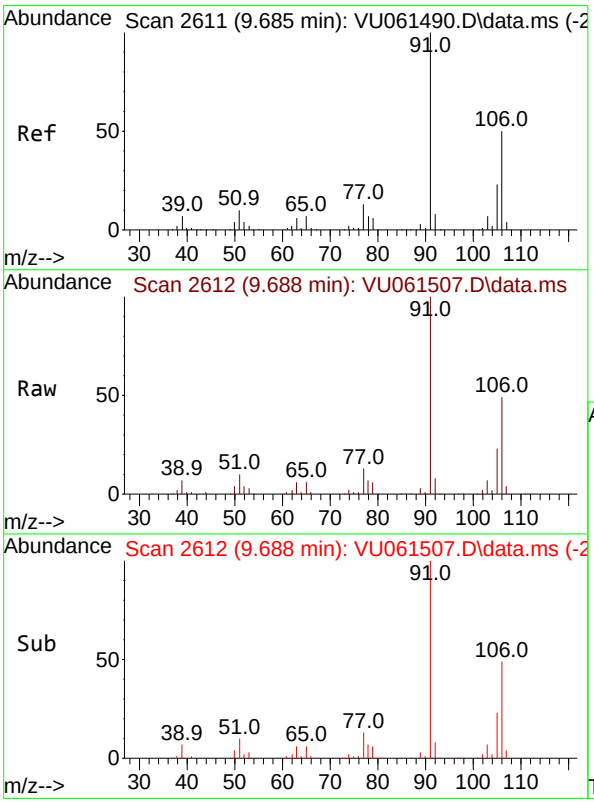
#52
Ethylbenzene
Concen: 4.876 ug/L
RT: 9.563 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 247011

Ion	Ratio	Lower	Upper
91	100		
106	30.8	22.0	41.0

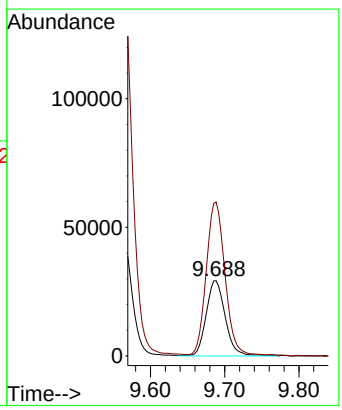


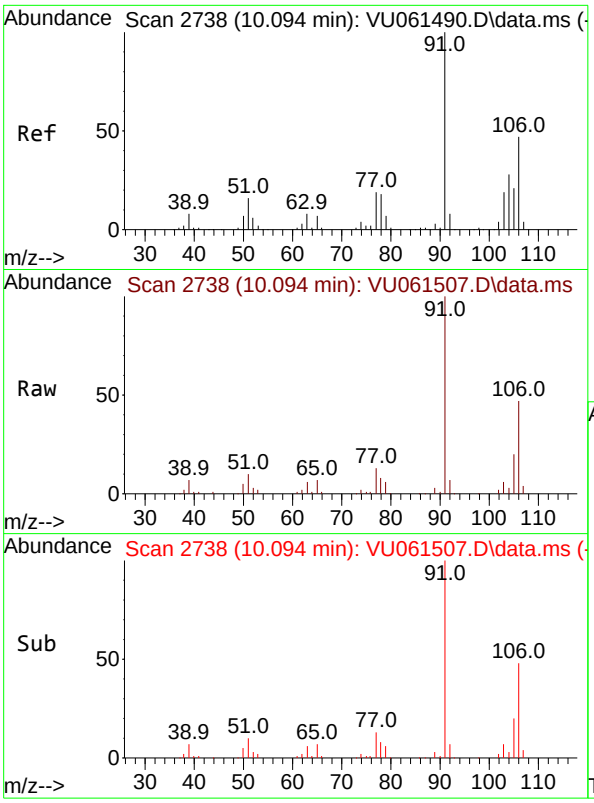


#53
m,p-Xylene
Concen: 2.708 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion:106 Resp: 52266

Ion	Ratio	Lower	Upper
106	100		
91	204.8	145.7	270.7



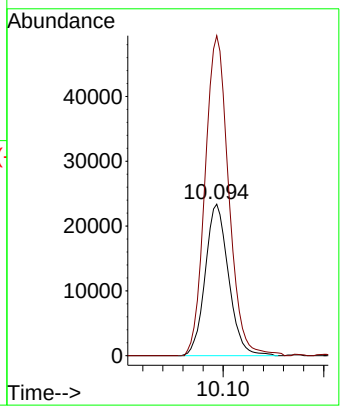


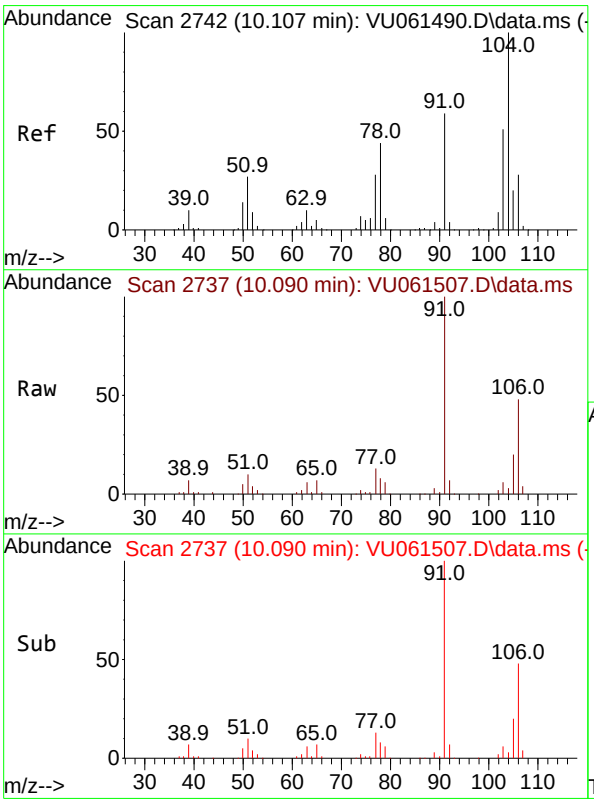
#54
o-Xylene
Concen: 1.979 ug/L
RT: 10.094 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 37691

Ion	Ratio	Lower	Upper
106	100		
91	211.2	148.8	276.4

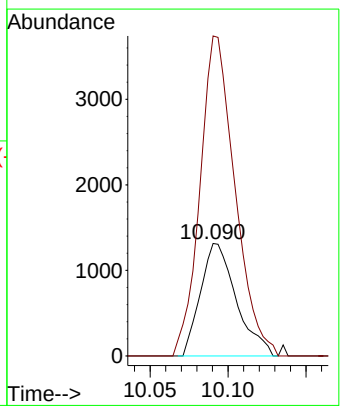


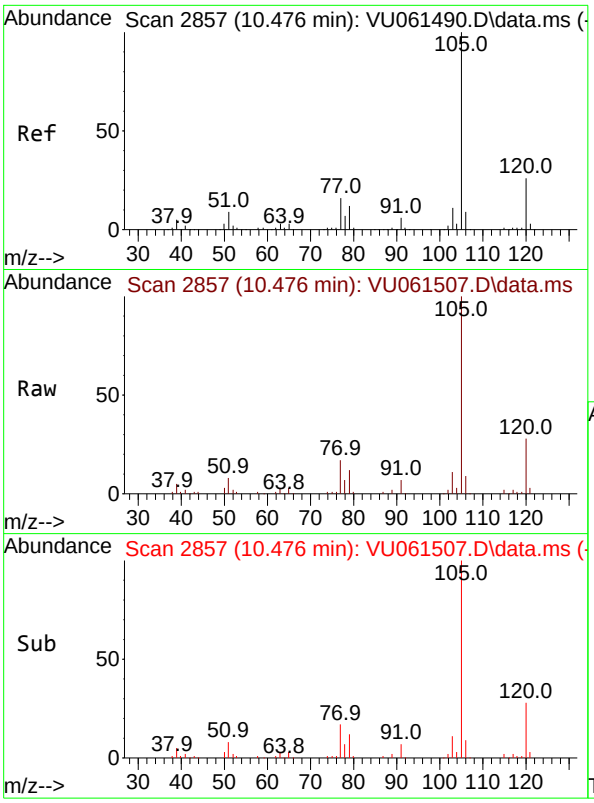


#55
Styrene
Concen: 0.069 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.016 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion:104 Resp: 2100

Ion	Ratio	Lower	Upper
104	100		
78	284.6	32.3	59.9#



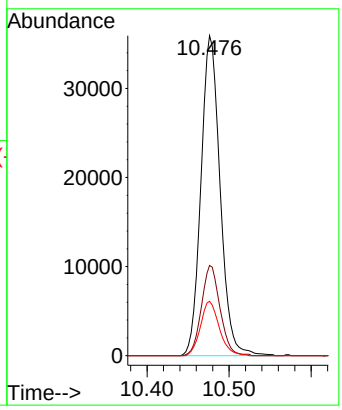


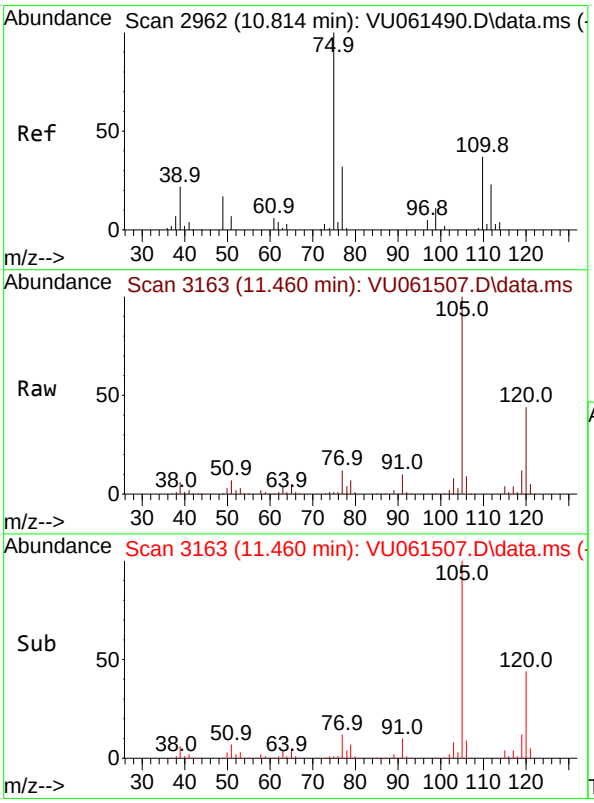
#60
Isopropylbenzene
Concen: 1.140 ug/L
RT: 10.476 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 58288

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.2	31.8
77	16.6	12.6	19.0

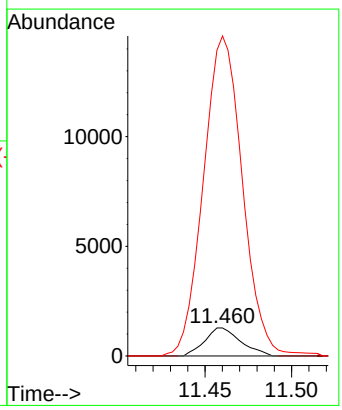


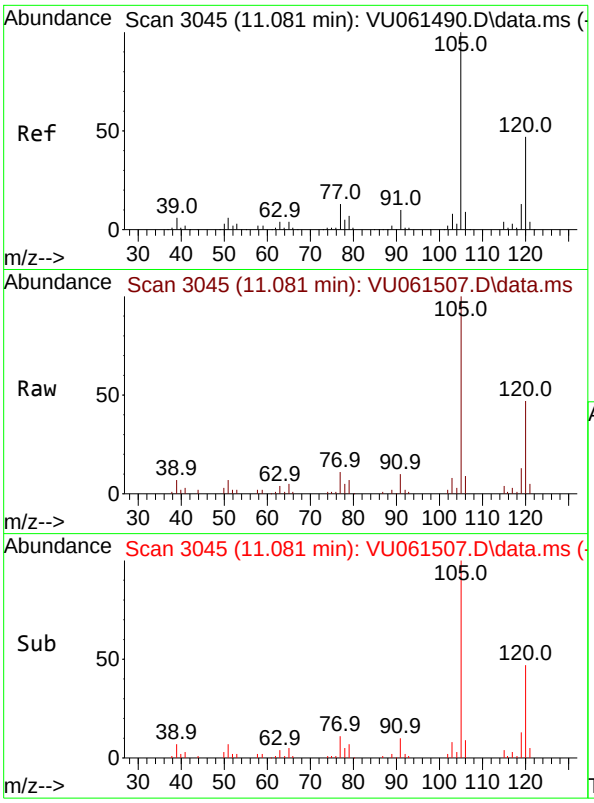


#61
1,2,3-Trichloropropane
Concen: 0.277 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.646 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion: 75 Resp: 1850

Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.8	43.2#
77	1238.2	25.7	38.5#



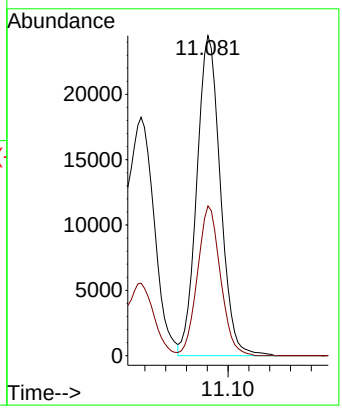


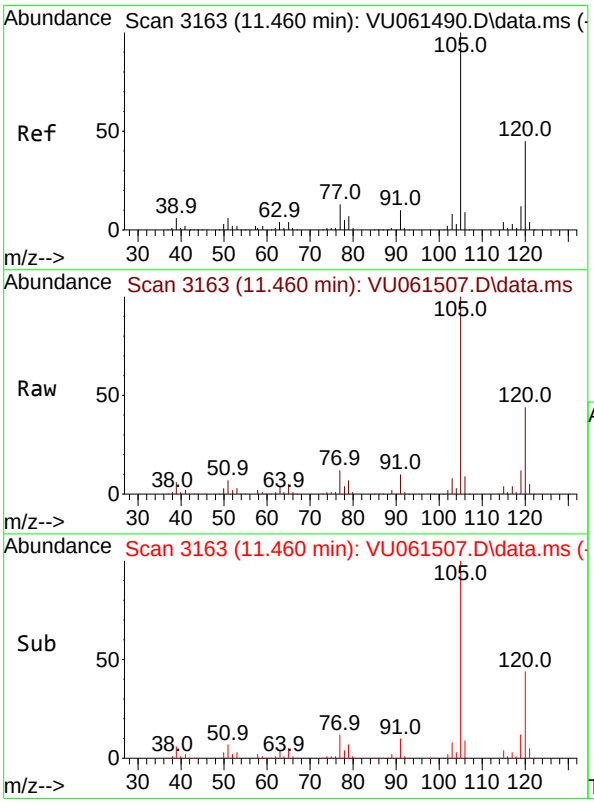
#62
1,3,5-Trimethylbenzene
Concen: 0.923 ug/L
RT: 11.081 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 38433

Ion	Ratio	Lower	Upper
105	100		
120	45.8	38.7	58.1

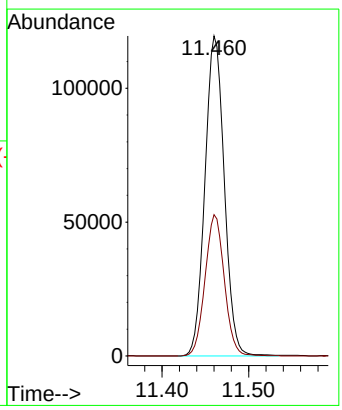


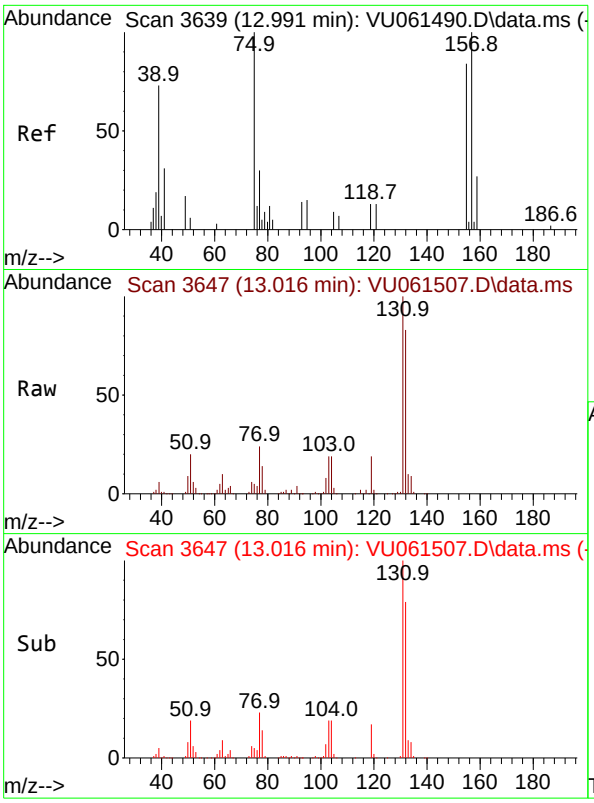


#63
1,2,4-Trimethylbenzene
Concen: 4.516 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion:105 Resp: 185838

Ion	Ratio	Lower	Upper
105	100		
120	43.9	35.4	53.0



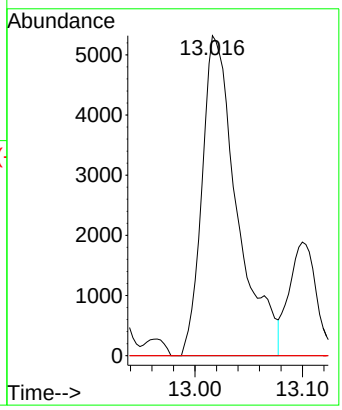


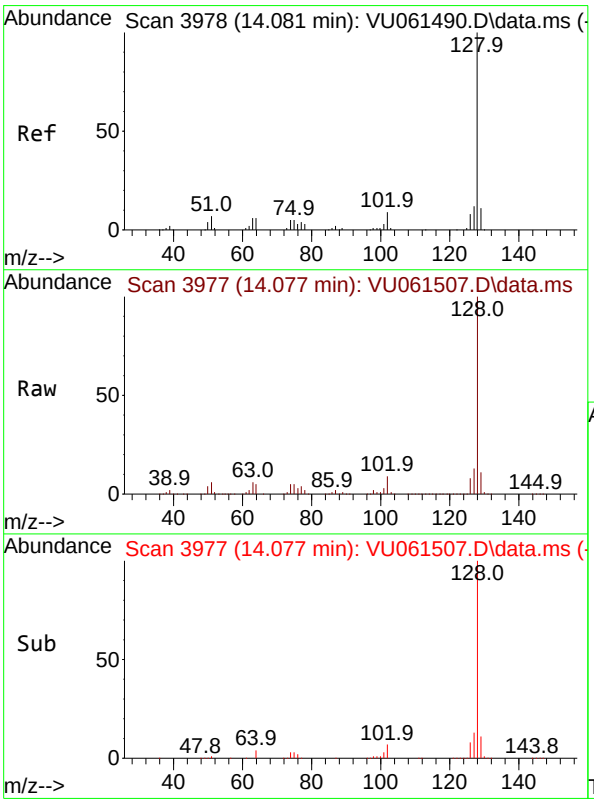
#68
1,2-Dibromo-3-chloropropane
Concen: 8.589 ug/L
RT: 13.016 min Scan# 3
Delta R.T. 0.026 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12025

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.3	103.9#
157	0.0	81.4	122.2#





#71
Naphthalene
Concen: 150.501 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion:128 Resp: 2827328

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.0	10.0	15.0