Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 29 07:31:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 07:27:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.236	114	92032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	99976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	55934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	20127	6.084	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 121.600%			
7) Chloroethane-d5	1.901	69	15855	6.312	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 126.200%			
11) 1,1-Dichloroethene-d2	2.548	65	7683	3.883	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.600%			
20) 2-Butanone-d5	4.634	46	28808	30.002	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 60.000%			
24) Chloroform-d	5.049	84	55724	4.240	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
26) 1,2-Dichloroethane-d4	5.689	65	33155	4.420	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
32) Benzene-d6	5.715	84	84280	3.689	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.800%			
36) 1,2-Dichloropropane-d6	6.679	67	22543	3.875	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.600%			
41) Toluene-d8	7.885	98	92974	4.116	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.400%			
43) trans-1,3-Dichloroprop...	8.174	79	14630	4.062	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.200%			
46) 2-Hexanone-d5	8.625	63	46904	52.200	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.400%			
56) 1,1,2,2-Tetrachloroeth...	10.747	84	28587	5.175	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	46042	4.598	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.721	62	2241	0.506	ug/L #	73
14) Carbon disulfide	2.773	76	6800	0.555	ug/L	97
33) Benzene	5.763	78	2915	0.120	ug/L	100
35) Methylcyclohexane	6.679	83	7802	0.752	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3630	0.666	ug/L #	85
39) cis-1,3-Dichloropropene	7.557	75	1311	0.128	ug/L	94
42) Toluene	7.959	91	46323	1.609	ug/L	99
53) m,p-Xylene	9.689	106	1294	0.100	ug/L	83
54) o-Xylene	10.091	106	1941	0.164	ug/L	86
61) 1,2,3-Trichloropropane	11.801	75	5423	1.205	ug/L #	56
62) 1,3,5-Trimethylbenzene	11.081	105	8153	0.262	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	19379	0.659	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.013	75	314	0.264	ug/L #	8
71) Naphthalene	14.078	128	105640	7.318	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
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Acq On : 27 Jan 2025 21:04
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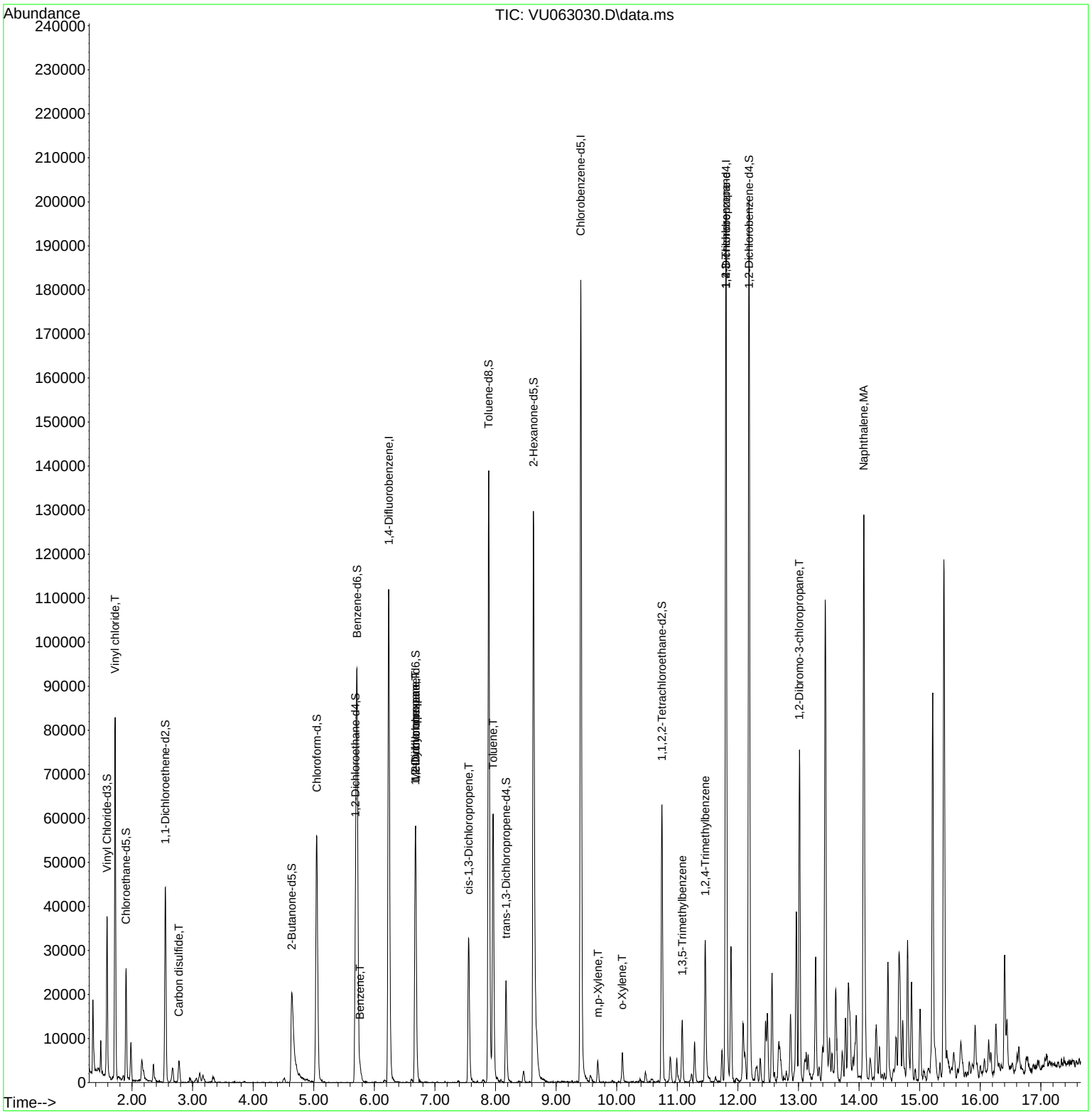
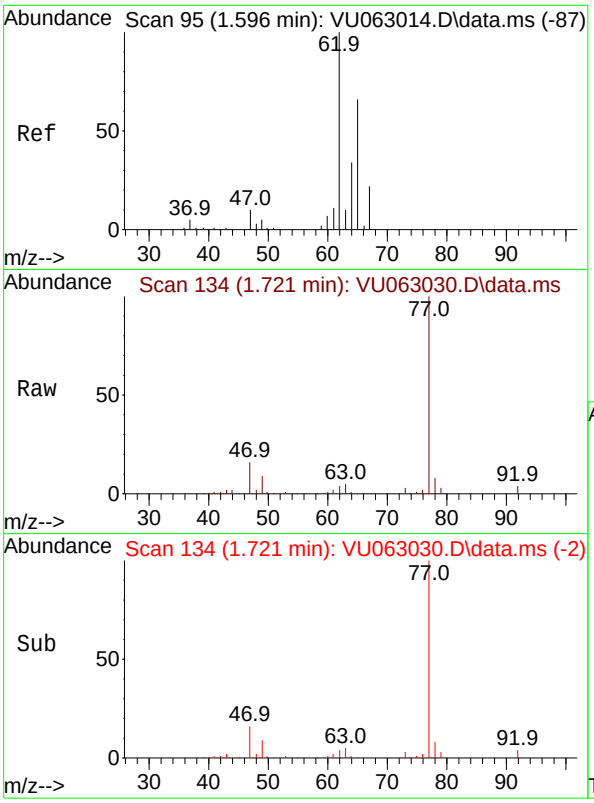
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 29 07:31:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 07:27:08 2025
Response via : Initial Calibration



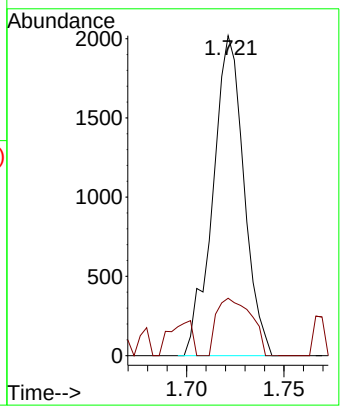


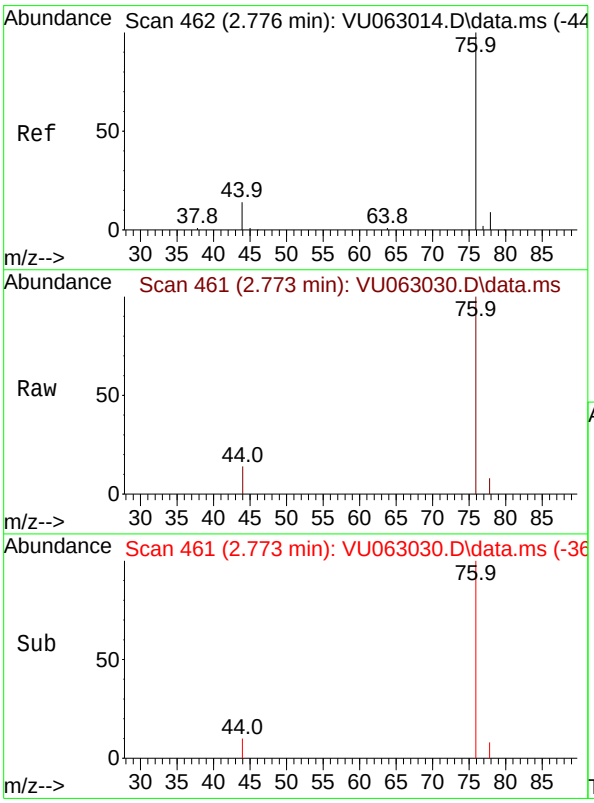
#5
Vinyl chloride
Concen: 0.506 ug/L
RT: 1.721 min Scan# 1
Delta R.T. 0.126 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2241

Ion	Ratio	Lower	Upper
62	100		
64	17.9	23.4	43.4#

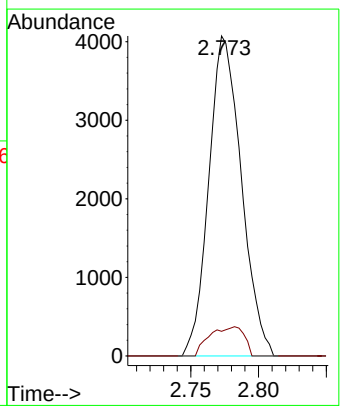


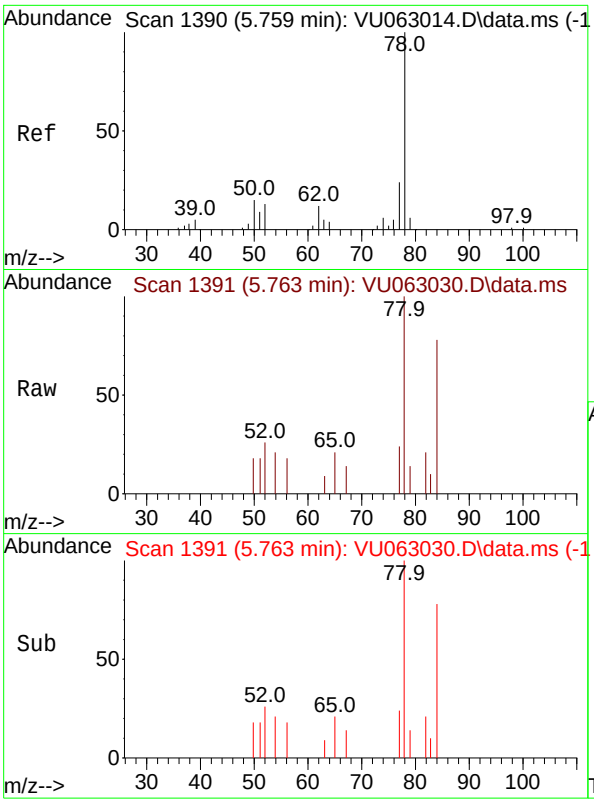


#14
Carbon disulfide
Concen: 0.555 ug/L
RT: 2.773 min Scan# 461
Delta R.T. -0.003 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Tgt Ion: 76 Resp: 6800

Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.0	10.6

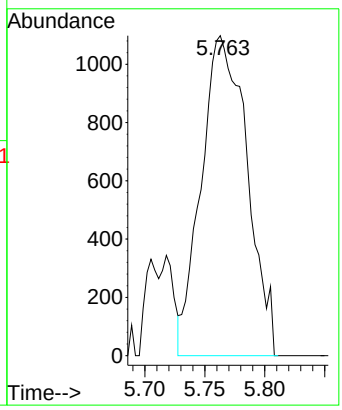


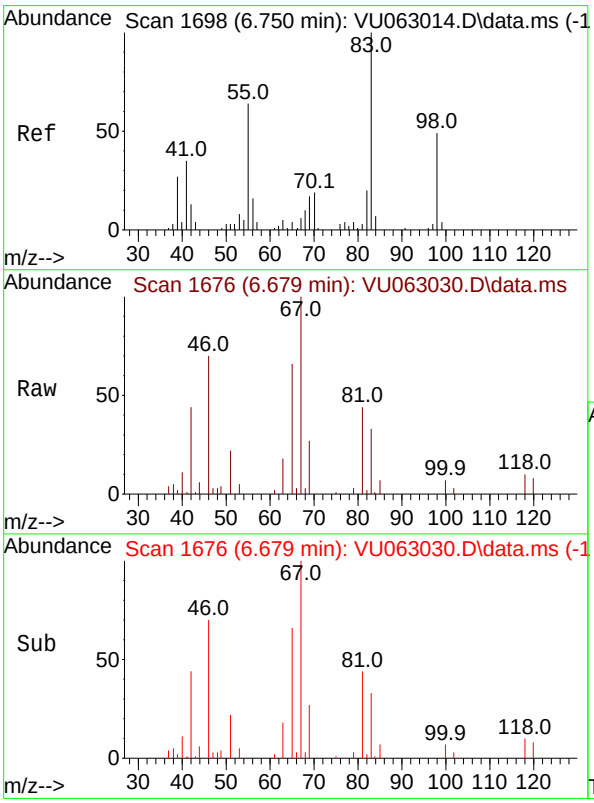


#33
Benzene
Concen: 0.120 ug/L
RT: 5.763 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 2915

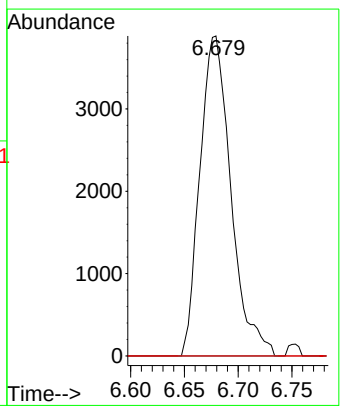


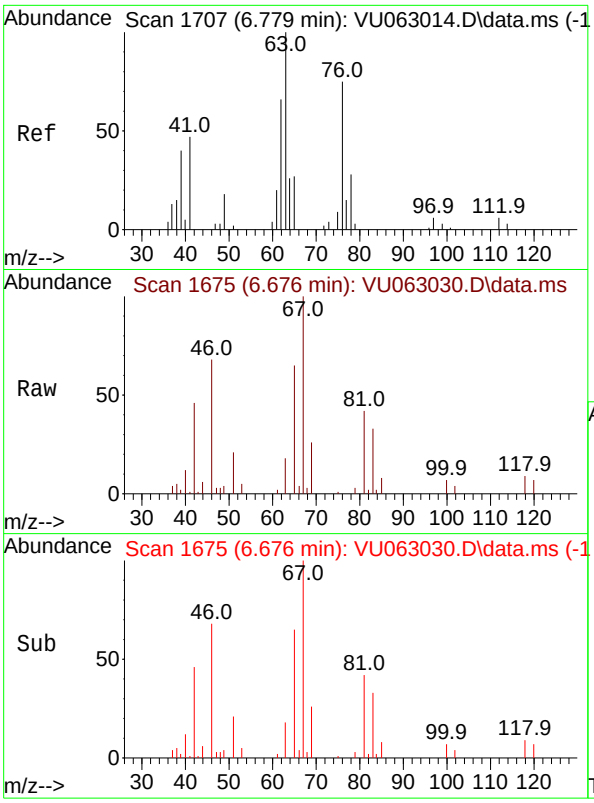


#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.070 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Tgt Ion: 83 Resp: 7802

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.0	36.6	55.0#



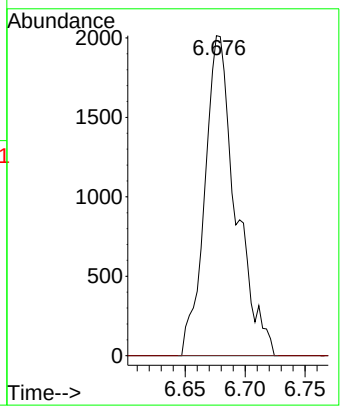


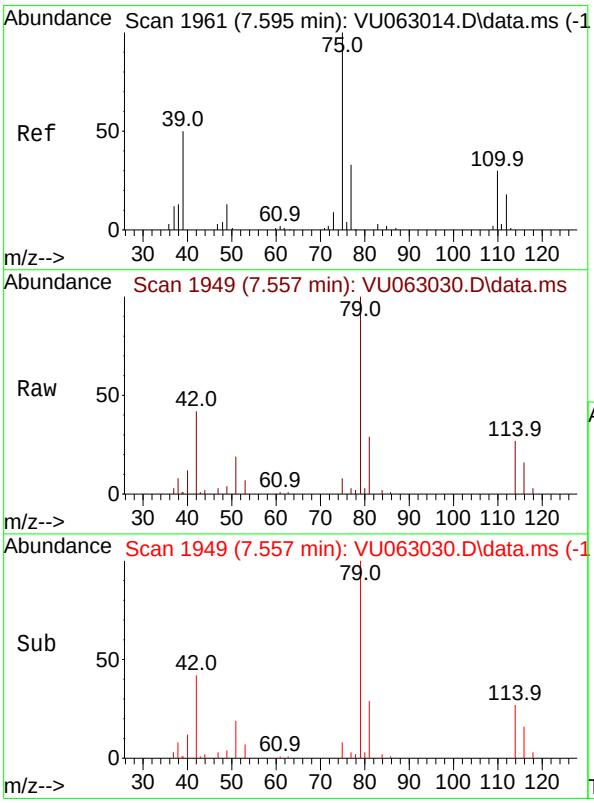
#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3630

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

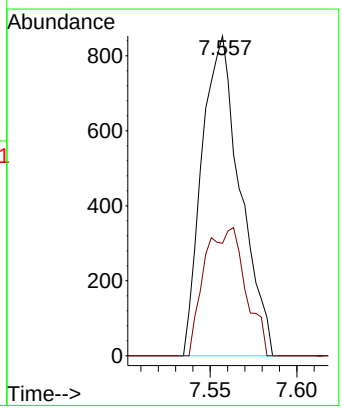


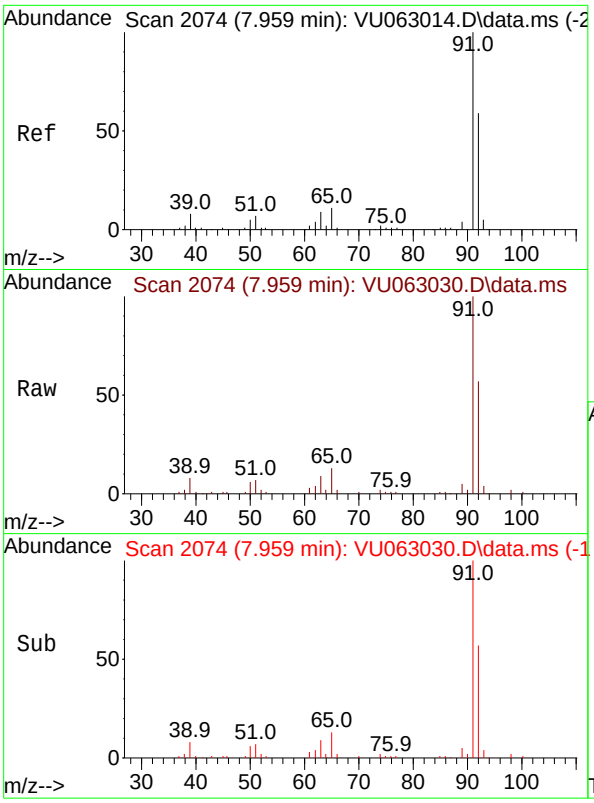


#39
cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 7.557 min Scan# 1949
Delta R.T. -0.038 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Tgt Ion: 75 Resp: 1311

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.3	41.3



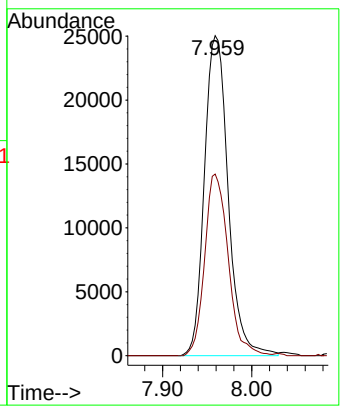


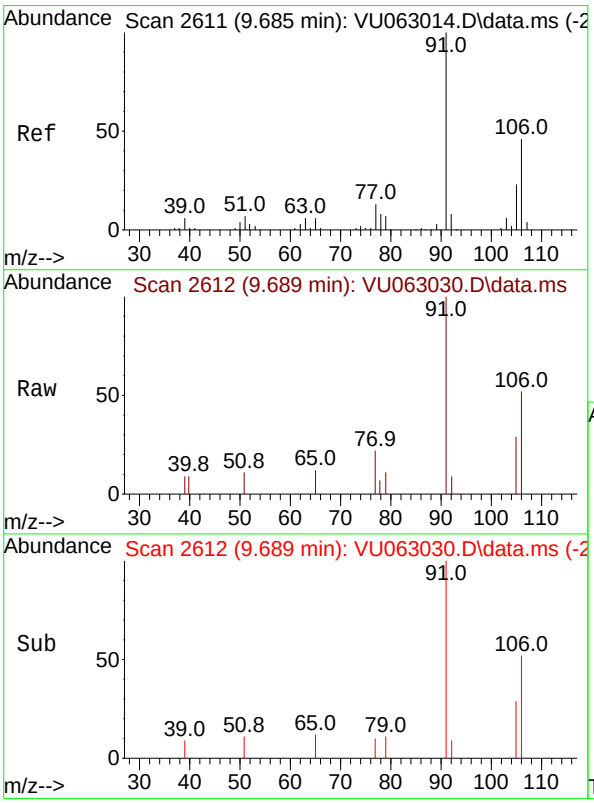
#42
Toluene
Concen: 1.609 ug/L
RT: 7.959 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 46323

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.4	75.0

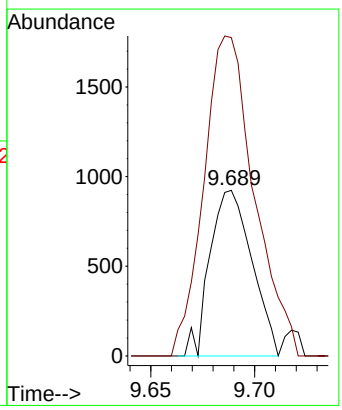


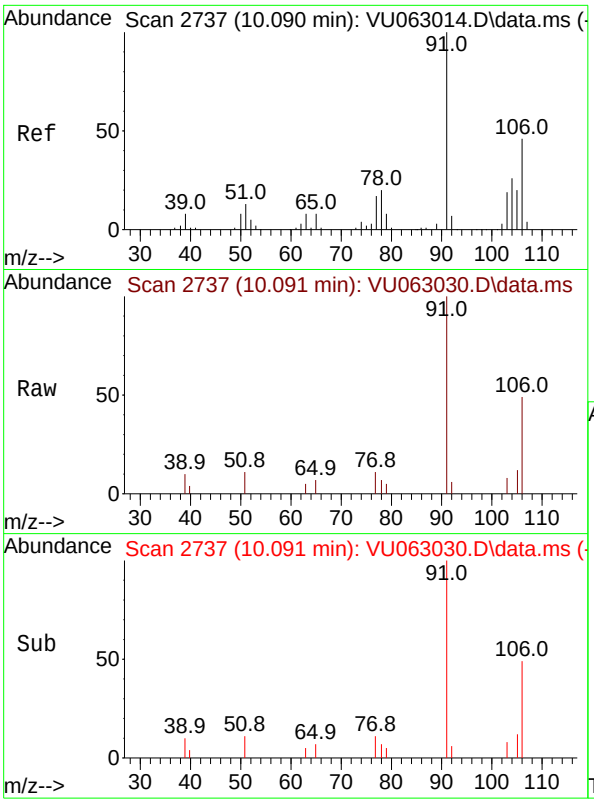


#53
m,p-Xylene
Concen: 0.100 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Tgt Ion:106 Resp: 1294

Ion	Ratio	Lower	Upper
106	100		
91	192.2	153.1	284.3



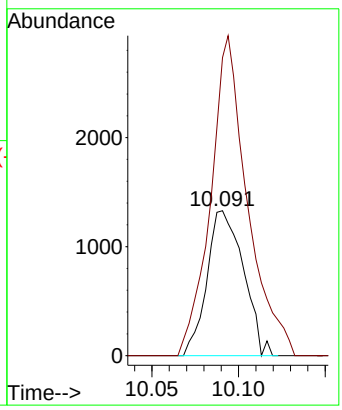


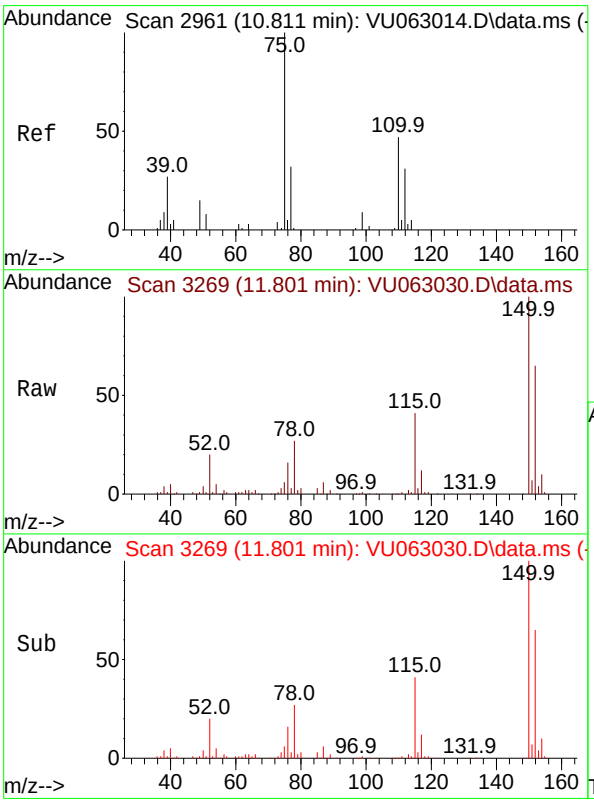
#54
o-Xylene
Concen: 0.164 ug/L
RT: 10.091 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1941

Ion	Ratio	Lower	Upper
106	100		
91	205.7	160.4	297.8

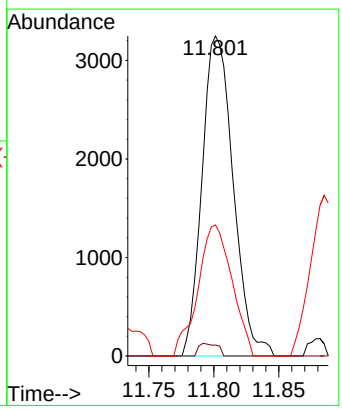


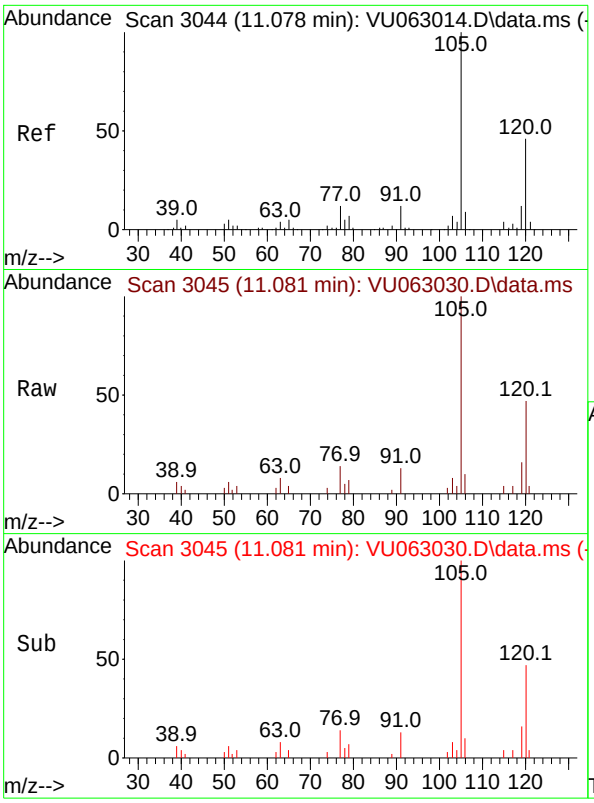


#61
1,2,3-Trichloropropane
Concen: 1.205 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.991 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Tgt Ion: 75 Resp: 5423

Ion	Ratio	Lower	Upper
75	100		
110	2.4	33.2	49.8#
77	44.6	25.9	38.9#



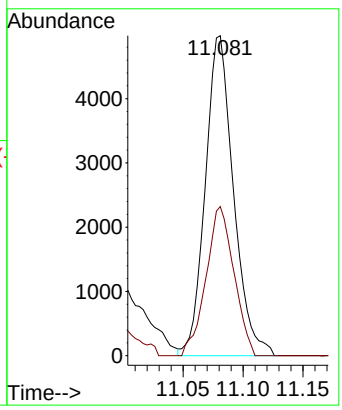


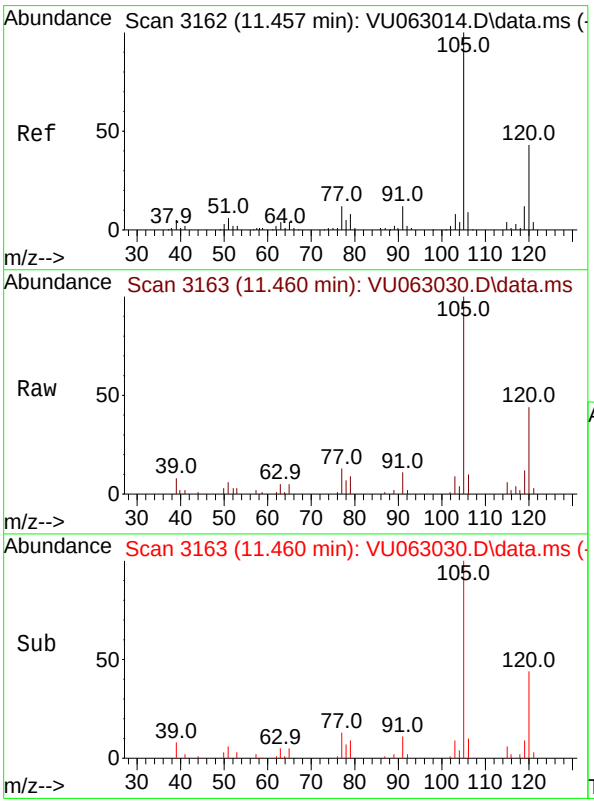
#62
1,3,5-Trimethylbenzene
Concen: 0.262 ug/L
RT: 11.081 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 8153

Ion	Ratio	Lower	Upper
105	100		
120	46.1	35.9	53.9

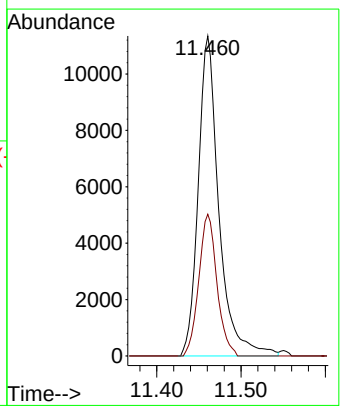


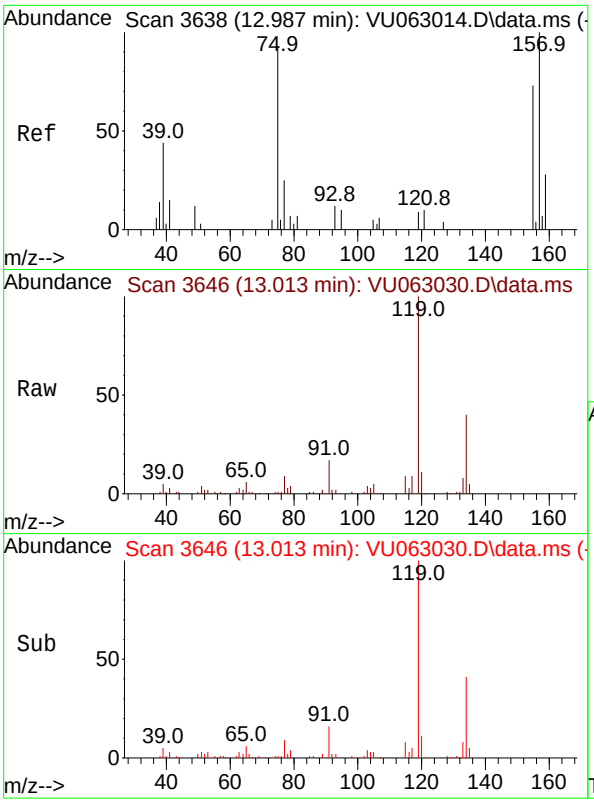


#63
1,2,4-Trimethylbenzene
Concen: 0.659 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Tgt Ion:105 Resp: 19379

Ion	Ratio	Lower	Upper
105	100		
120	38.9	34.2	51.2



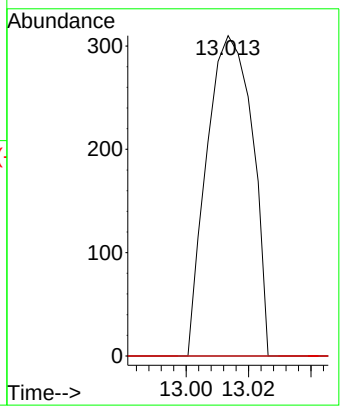


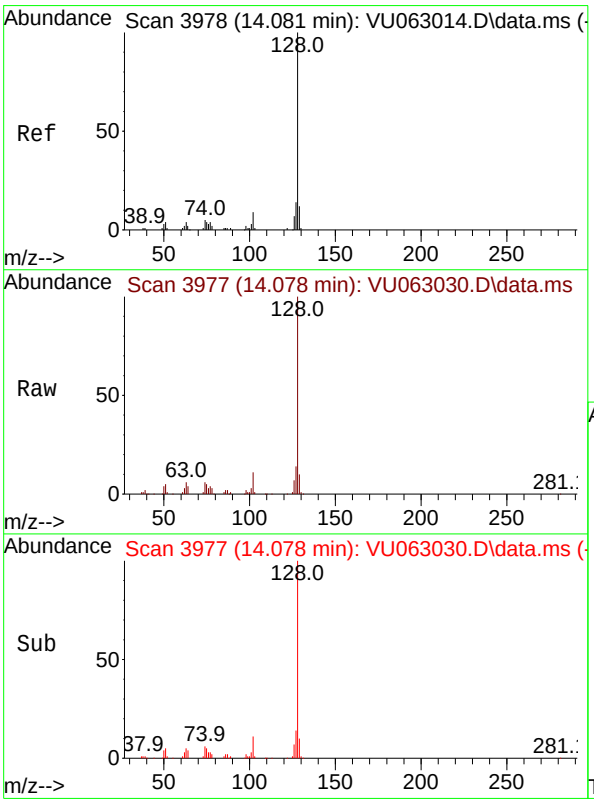
#68
1,2-Dibromo-3-chloropropane
Concen: 0.264 ug/L
RT: 13.013 min Scan# 3
Delta R.T. 0.026 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 314

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.6	89.4#
157	0.0	70.8	106.2#





#71
Naphthalene
Concen: 7.318 ug/L
RT: 14.078 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU063030.D
Acq: 27 Jan 2025 21:04

Tgt Ion:128 Resp: 105640

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.9	10.2	15.2