Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062987.D
Acq On : 24 Jan 2025 12:46
Operator : MD/SY
Sample : Q1174-01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 24 19:03:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.271	114	100504	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.415	117	94963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.605	65	16812	3.020	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.400%			
7) Chloroethane-d5	1.933	69	11895	2.656	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 53.200%#			
11) 1,1-Dichloroethene-d2	2.576	65	7529	2.611	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.200%#			
20) 2-Butanone-d5	4.763	46	34303	30.153	ug/L	0.15
Spiked Amount 50.000	Range 40 - 130		Recovery = 60.300%			
24) Chloroform-d	5.107	84	60454	4.414	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	5.740	65	28809	3.878	ug/L	0.05
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.600%			
32) Benzene-d6	5.756	84	95417	4.110	ug/L	0.04
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	6.708	67	28760	4.469	ug/L	0.03
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.904	98	83316	3.684	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.600%			
43) trans-1,3-Dichloroprop...	8.187	79	10673	3.327	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.600%			
46) 2-Hexanone-d5	8.644	63	31325	31.045	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 62.100%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	24493	4.544	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.800%			
66) 1,2-Dichlorobenzene-d4	12.184	152	31667	3.621	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 72.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.747	62	1847	0.255	ug/L	89
15) Methyl Acetate	2.962	43	688	0.353	ug/L #	44
35) Methylcyclohexane	6.708	83	7468	0.651	ug/L #	23
37) 1,2-Dichloropropane	6.808	63	935	0.145	ug/L #	85
42) Toluene	7.975	91	44987	1.505	ug/L	97
53) m,p-Xylene	9.695	106	1627	0.128	ug/L	88
54) o-Xylene	10.097	106	1615	0.133	ug/L	75
60) Isopropylbenzene	11.287	105	3667	0.101	ug/L	97
61) 1,2,3-Trichloropropane	11.801	75	6586	1.412	ug/L #	61
62) 1,3,5-Trimethylbenzene	11.084	105	5299	0.172	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	10359	0.348	ug/L	92
67) 1,2-Dichlorobenzene	12.200	146	2260	0.144	ug/L #	74
70) 1,2,4-trichlorobenzene	13.827	180	2394	0.235	ug/L #	87
71) Naphthalene	14.077	128	26015	1.745	ug/L	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
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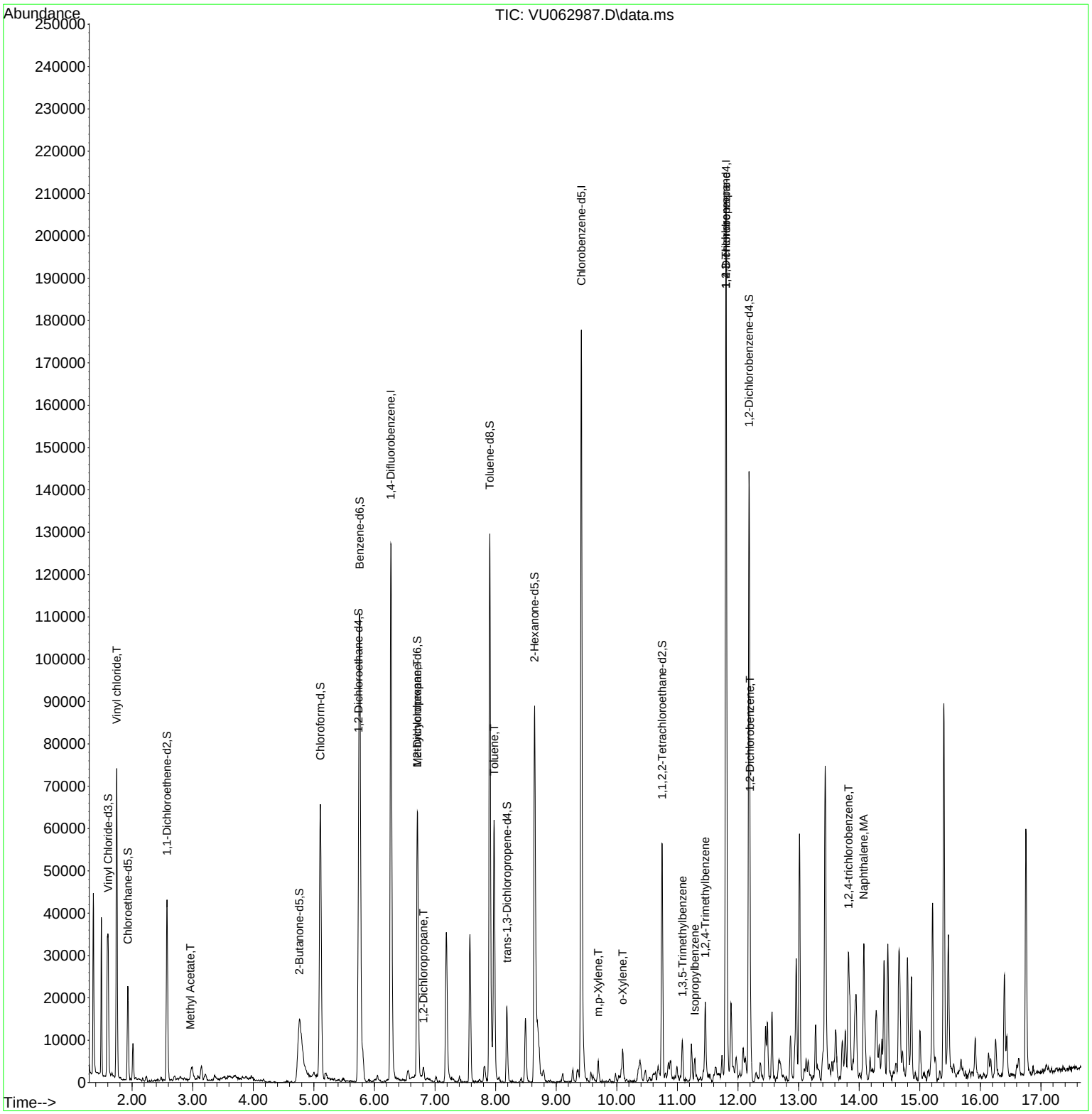
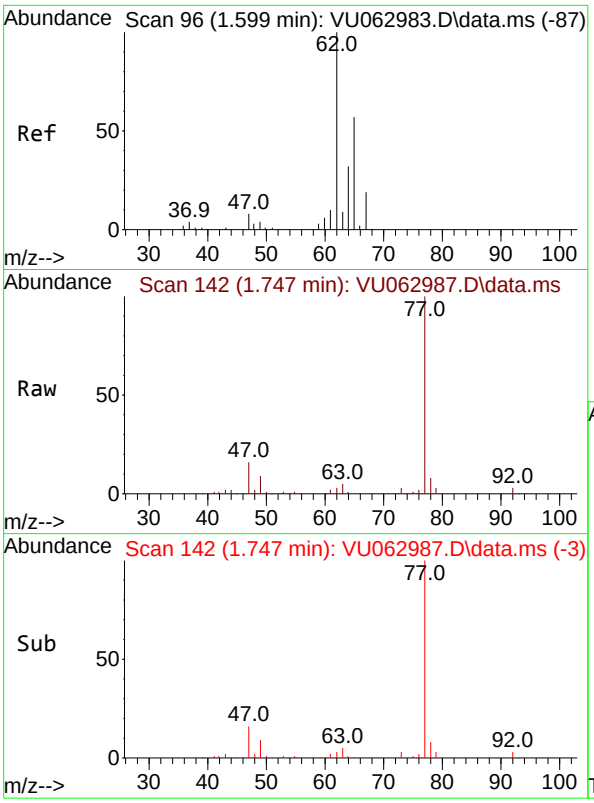
Acq On : 24 Jan 2025 12:46
Operator : MD/SY
Sample : Q1174-01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 24 19:03:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration



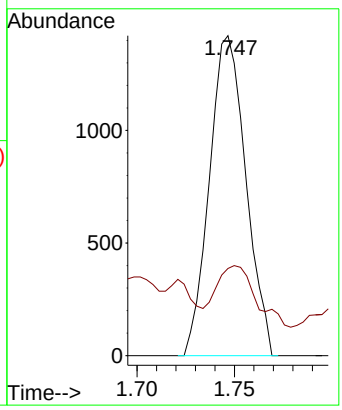


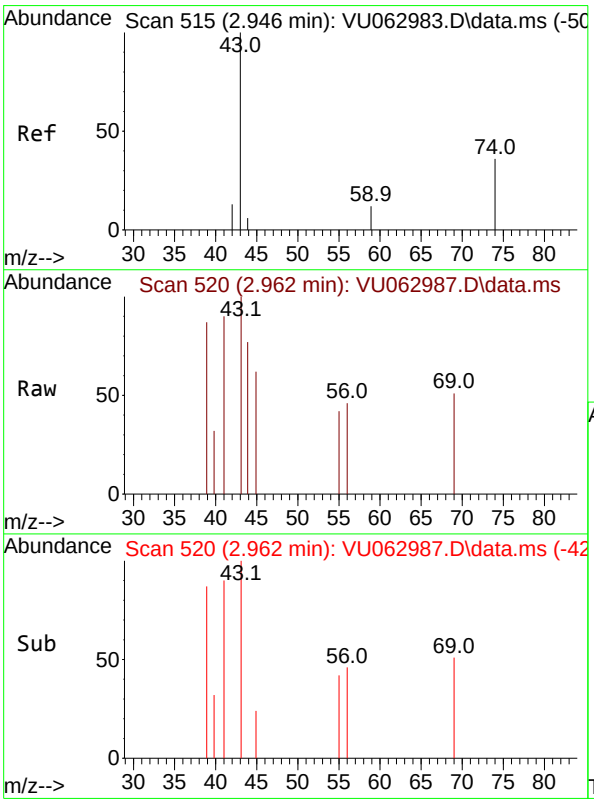
#5
Vinyl chloride
Concen: 0.255 ug/L
RT: 1.747 min Scan# 14
Delta R.T. 0.148 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1847

Ion	Ratio	Lower	Upper
62	100		
64	27.2	23.4	43.4

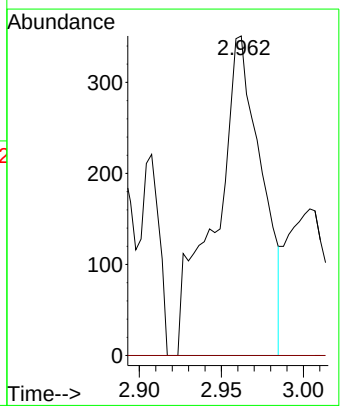


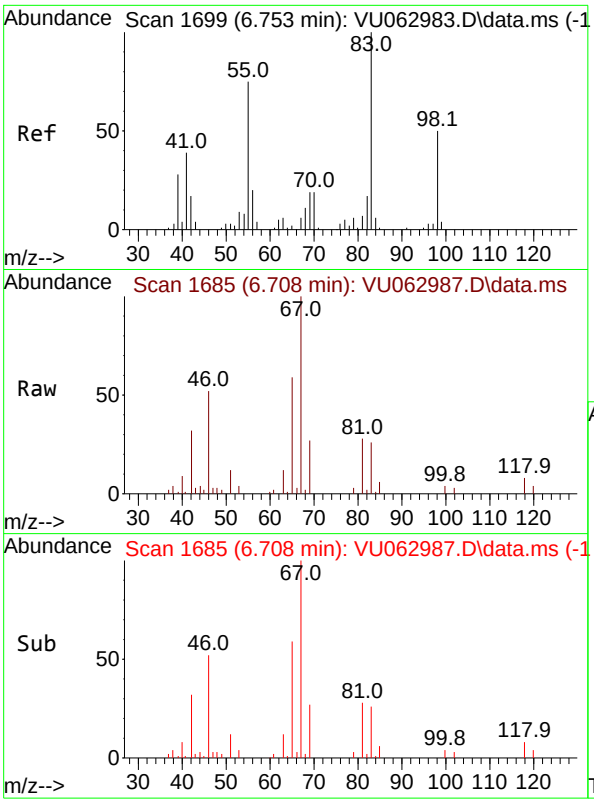


#15
Methyl Acetate
Concen: 0.353 ug/L
RT: 2.962 min Scan# 520
Delta R.T. 0.016 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion: 43 Resp: 688

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.4	36.6#



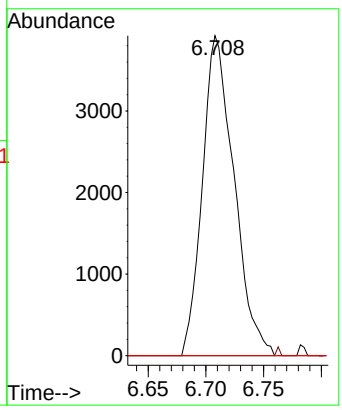


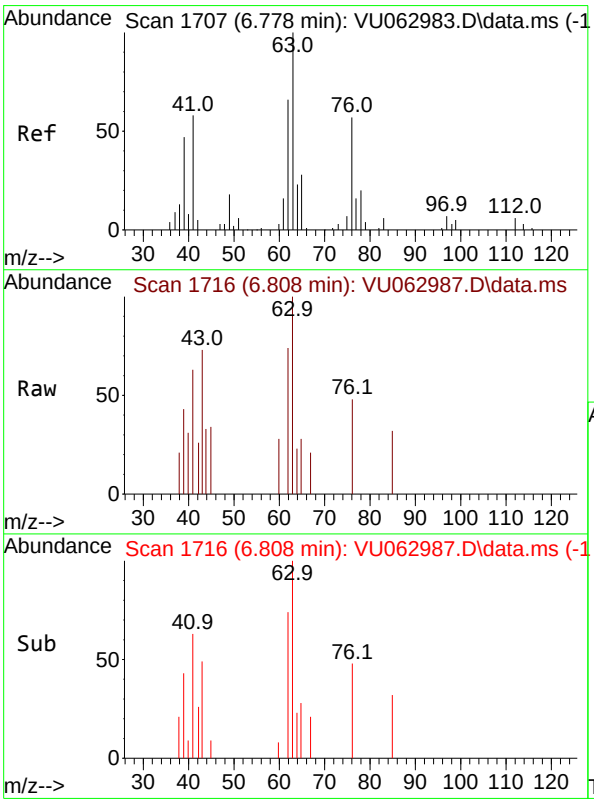
#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.708 min Scan# 1
Delta R.T. -0.045 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 7468

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.2	85.8#
98	3.3	36.6	55.0#

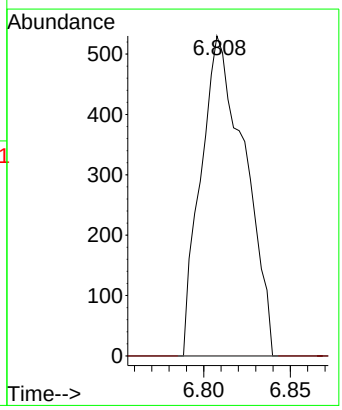


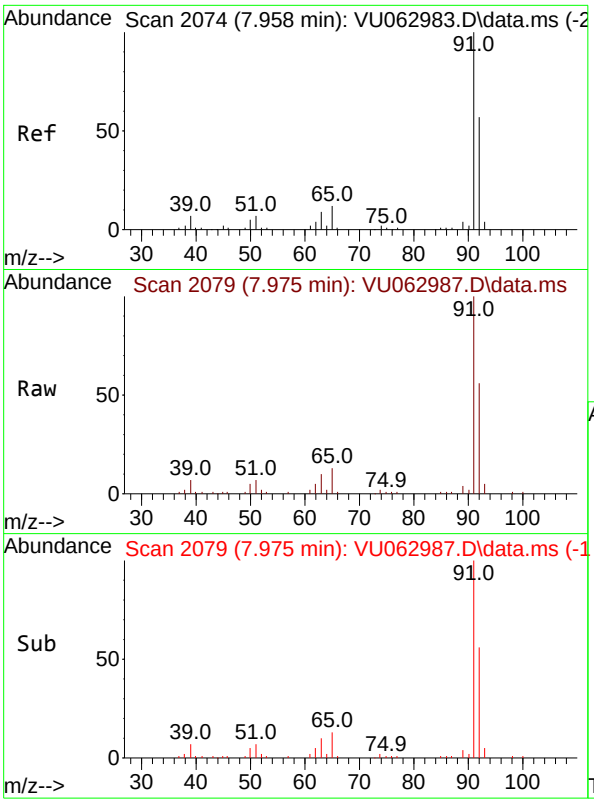


#37
1,2-Dichloropropane
Concen: 0.145 ug/L
RT: 6.808 min Scan# 1716
Delta R.T. 0.029 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion: 63 Resp: 935

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



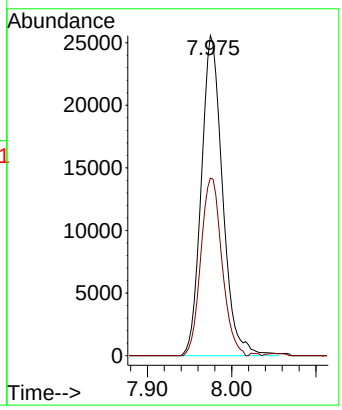


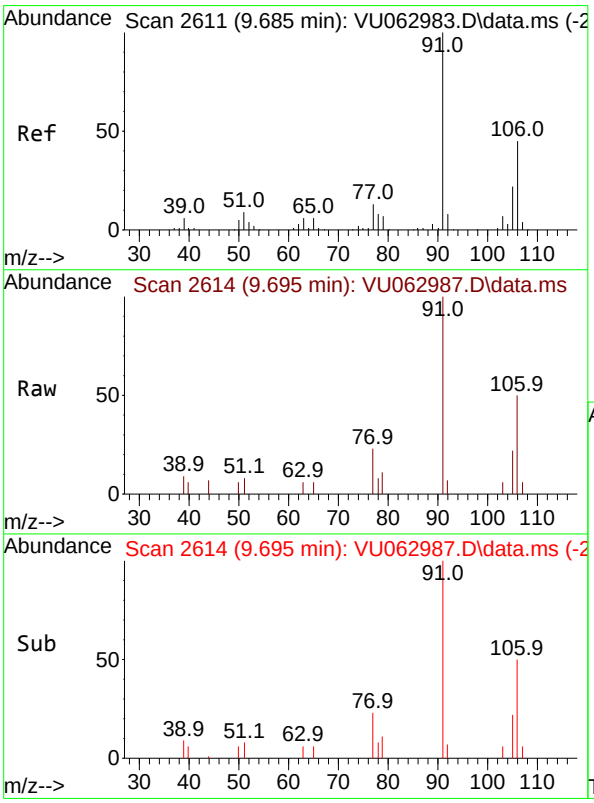
#42
Toluene
Concen: 1.505 ug/L
RT: 7.975 min Scan# 2
Delta R.T. 0.016 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 44987

Ion	Ratio	Lower	Upper
91	100		
92	55.5	40.4	75.0

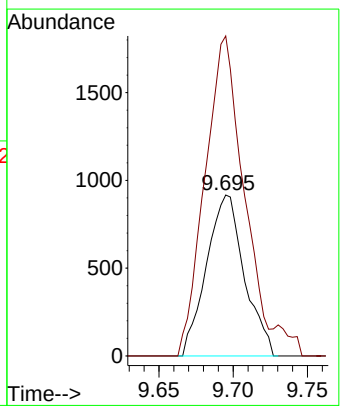


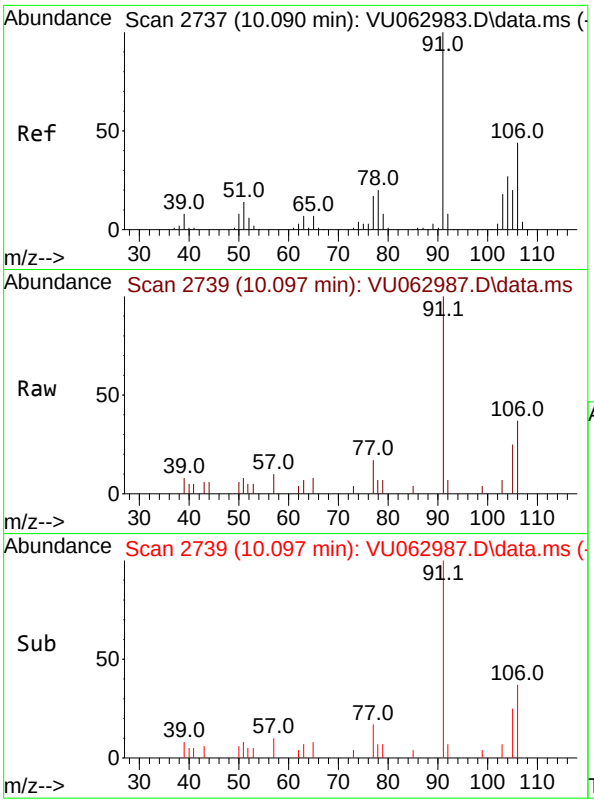


#53
m,p-Xylene
Concen: 0.128 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.010 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion:106 Resp: 1627

Ion	Ratio	Lower	Upper
106	100		
91	198.8	153.1	284.3



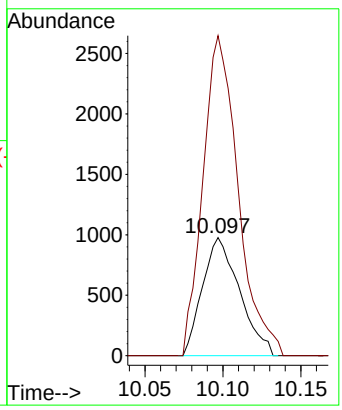


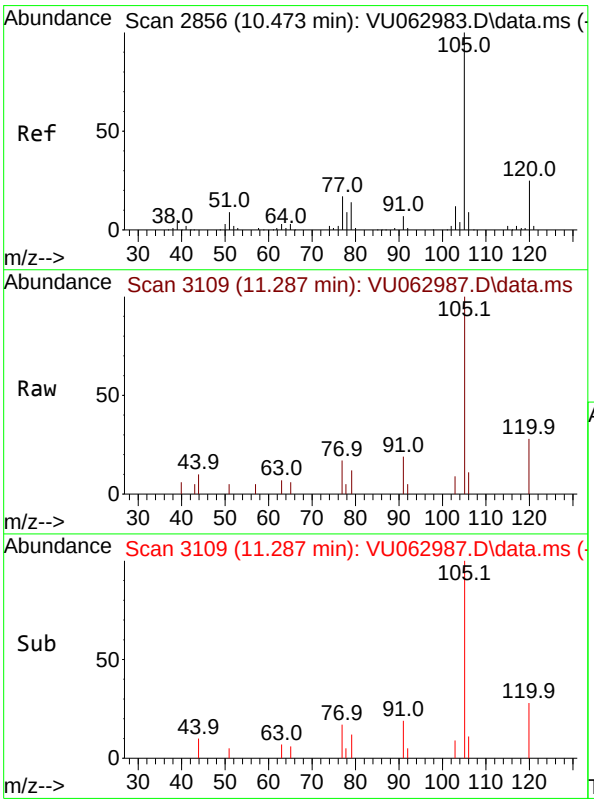
#54
o-Xylene
Concen: 0.133 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1615

Ion	Ratio	Lower	Upper
106	100		
91	270.9	160.4	297.8

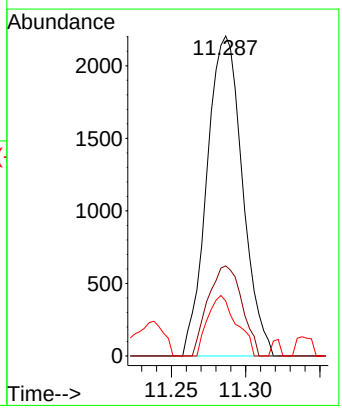


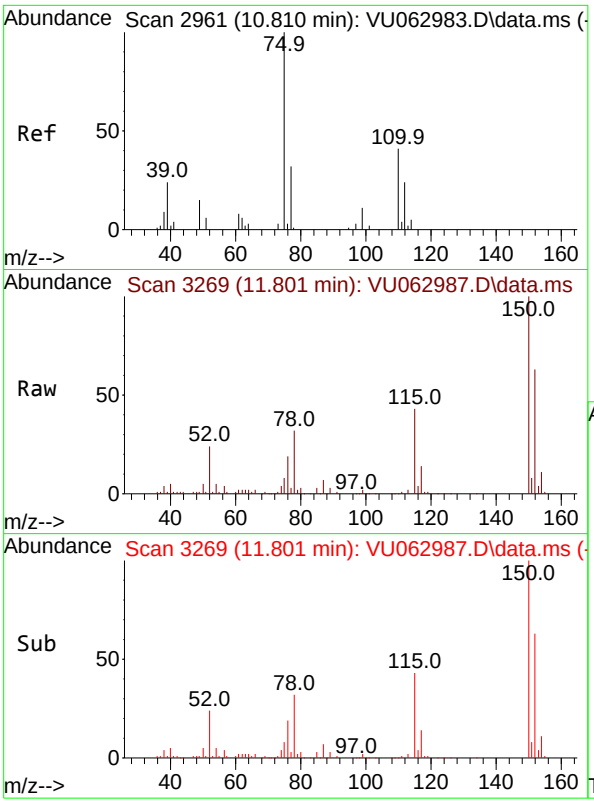


#60
Isopropylbenzene
Concen: 0.101 ug/L
RT: 11.287 min Scan# 3109
Delta R.T. 0.814 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion:105 Resp: 3667

Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.2	30.2
77	15.3	13.0	19.4



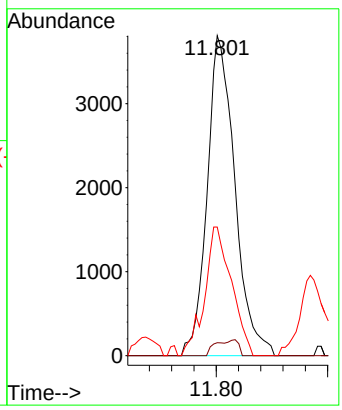


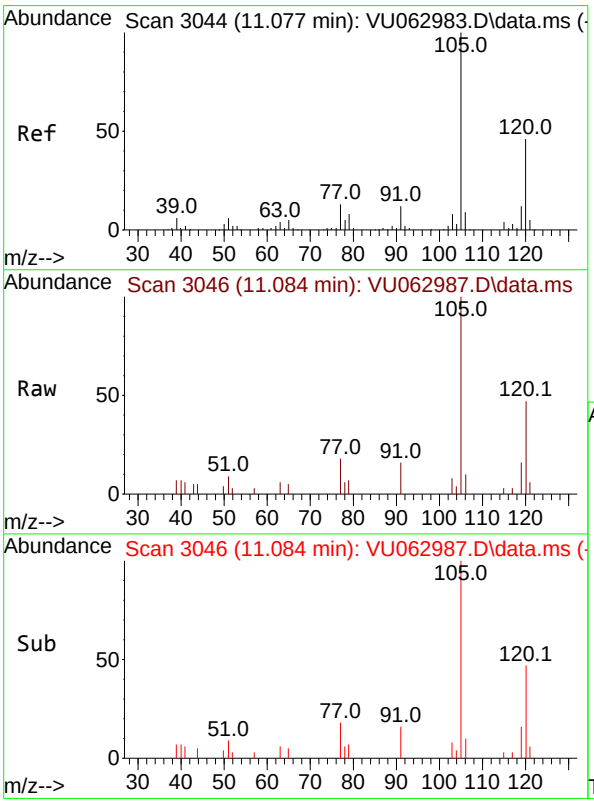
#61
1,2,3-Trichloropropane
Concen: 1.412 ug/L
RT: 11.801 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6586

Ion	Ratio	Lower	Upper
75	100		
110	4.0	33.2	49.8#
77	38.9	25.9	38.9#

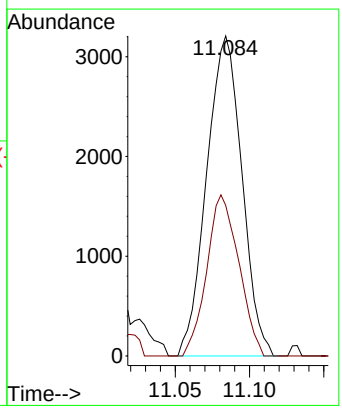


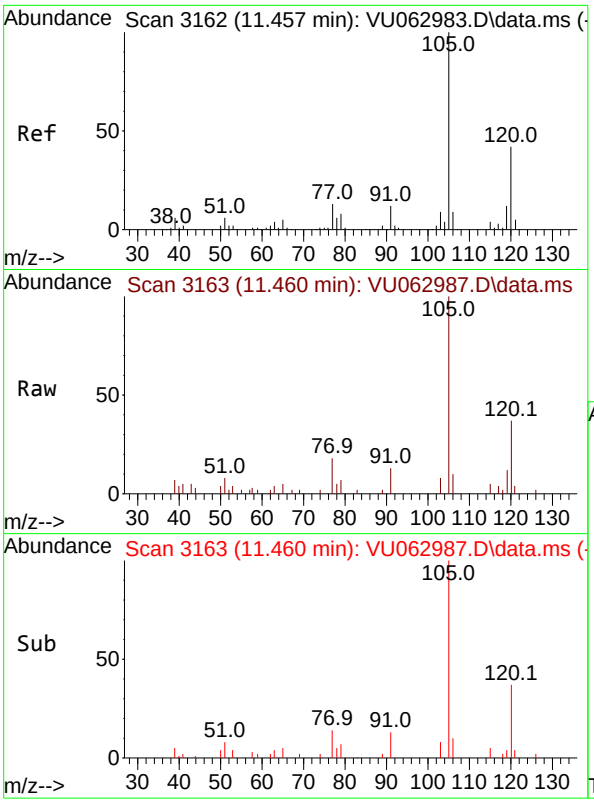


#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.007 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion:105 Resp: 5299

Ion	Ratio	Lower	Upper
105	100		
120	45.8	35.9	53.9



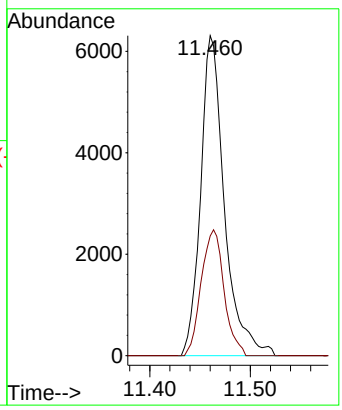


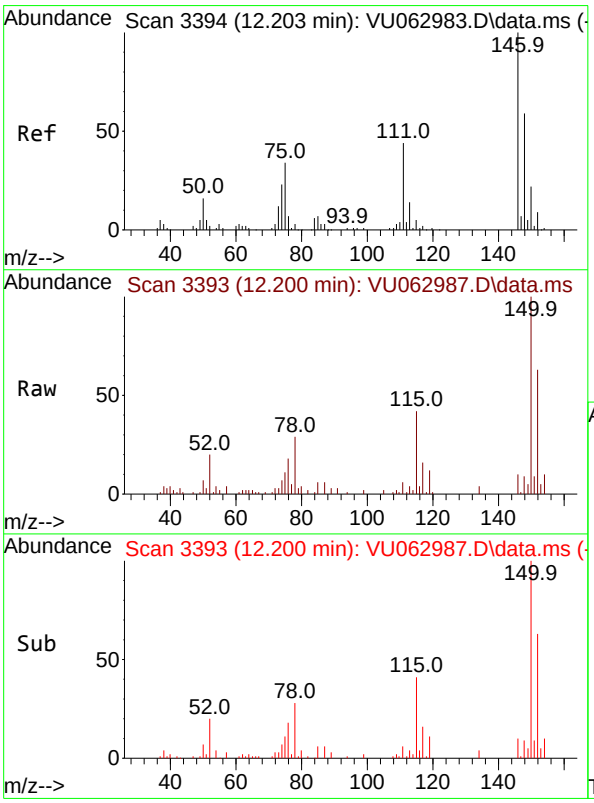
#63
1,2,4-Trimethylbenzene
Concen: 0.348 ug/L
RT: 11.460 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 10359

Ion	Ratio	Lower	Upper
105	100		
120	37.8	34.2	51.2

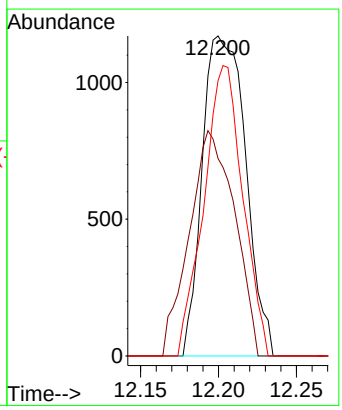


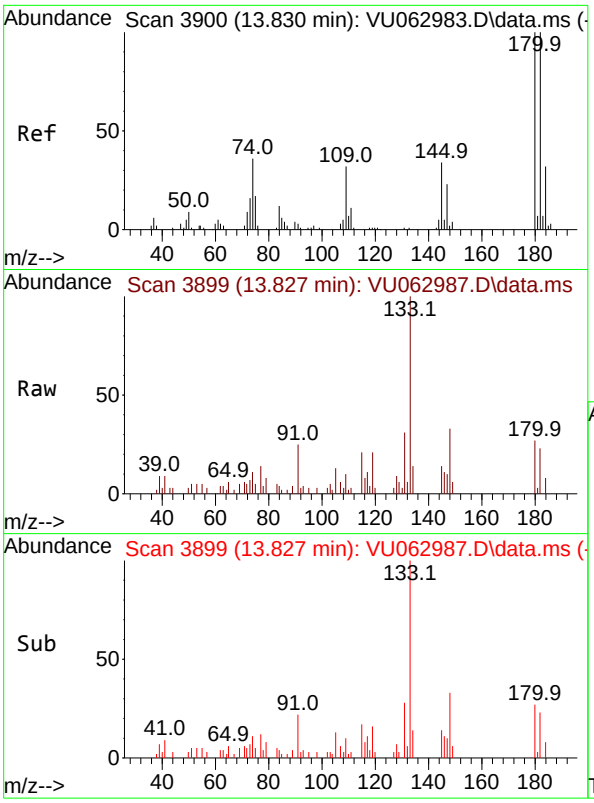


#67
1,2-Dichlorobenzene
Concen: 0.144 ug/L
RT: 12.200 min Scan# 3393
Delta R.T. -0.003 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion:146 Resp: 2260

Ion	Ratio	Lower	Upper
146	100		
111	61.7	36.3	54.5#
148	86.0	52.0	78.0#



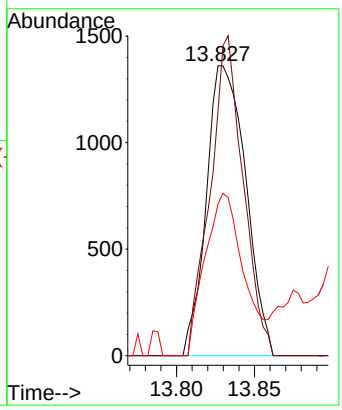


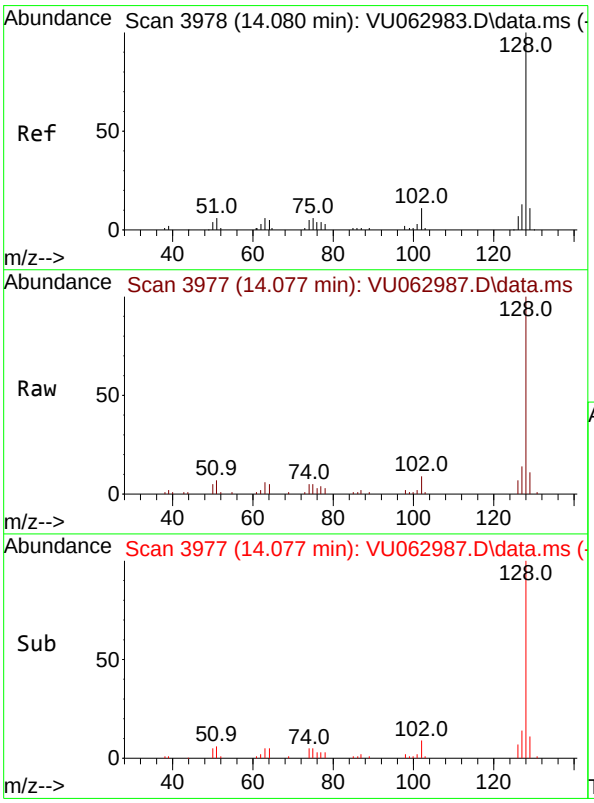
#70
1,2,4-trichlorobenzene
Concen: 0.235 ug/L
RT: 13.827 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 2394

Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.1	115.7
145	54.3	26.9	40.3#





#71
Naphthalene
Concen: 1.745 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion:128 Resp: 26015

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	13.7	10.2	15.2