Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060093.D
Acq On : 22 Jul 2024 15:10
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 23 06:38:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 20 01:37:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	100594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	107636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53957	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28550	4.079	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.600%			
7) Chloroethane-d5	1.911	69	29875	4.595	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.560	65	11283	4.129	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.600%			
20) 2-Butanone-d5	4.621	46	97263	59.440	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.880%			
24) Chloroform-d	5.055	84	71307	4.848	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.695	65	35956	5.250	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.000%			
32) Benzene-d6	5.721	84	130688	4.532	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	6.685	67	44035	4.792	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.800%			
41) Toluene-d8	7.894	98	98771	3.791	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.800%			
43) trans-1,3-Dichloroprop...	8.177	79	14369	4.594	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.627	63	71827	51.745	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.480%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45045	5.508	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	48037	4.932	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	42344	4.111	ug/L	99
16) Methylene chloride	3.039	84	3595	0.382	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	146903	16.422	ug/L	99
35) Methylcyclohexane	6.685	83	9994	0.808	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	4360	0.454	ug/L #	88
42) Toluene	7.965	91	143929	3.804	ug/L	99
52) Ethylbenzene	9.569	91	12303	0.326	ug/L	100
53) m,p-Xylene	9.688	106	16298	1.118	ug/L	94
54) o-Xylene	10.097	106	11914	0.855	ug/L	100
60) Isopropylbenzene	10.483	105	2315	0.066	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	12678	0.470	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	35515	1.363	ug/L	97
71) Naphthalene	14.087	128	14458	0.936	ug/L	98

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

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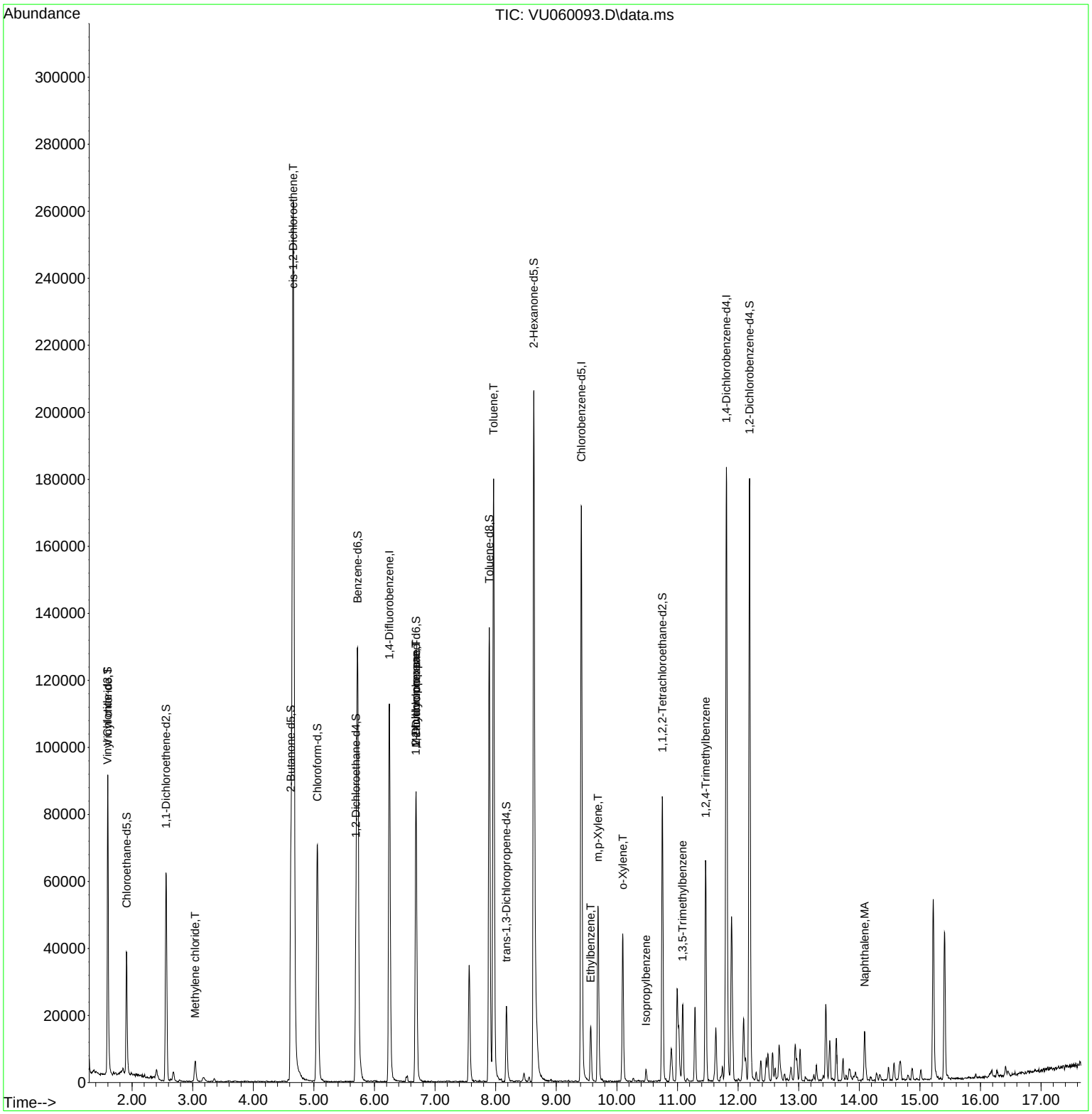
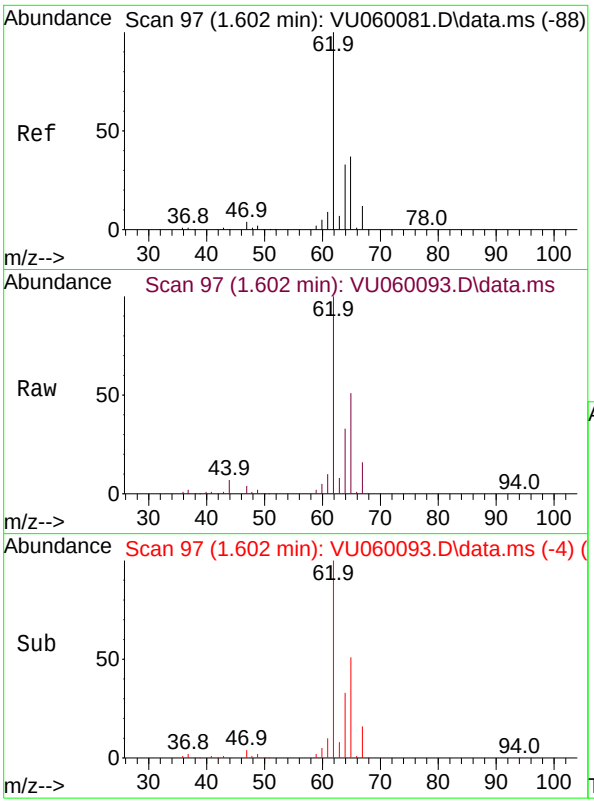
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 20 01:37:26 2024
Response via : Initial Calibration



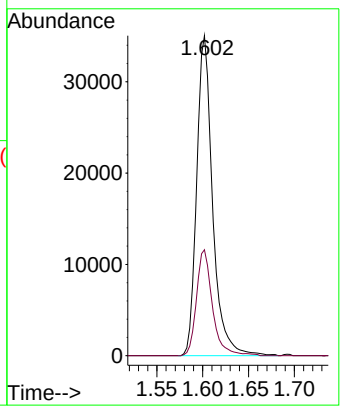


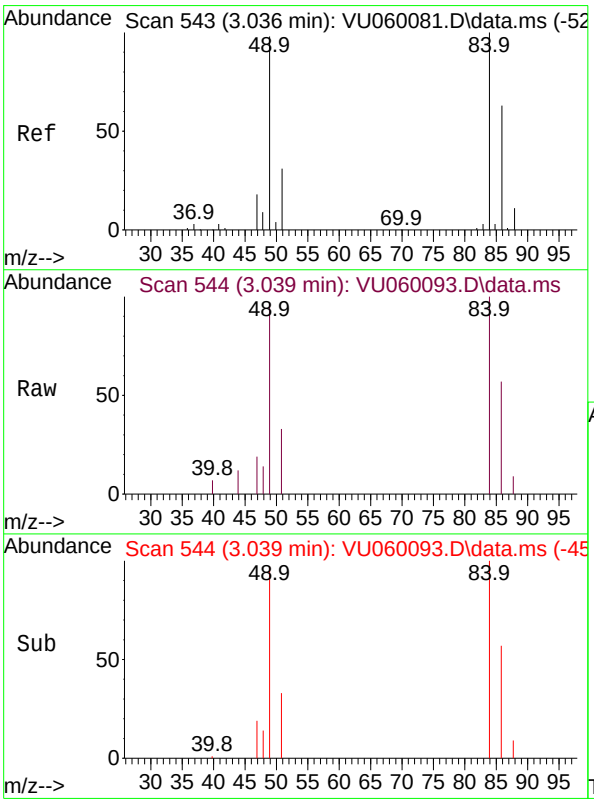
#5
Vinyl chloride
Concen: 4.111 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 42344

Ion	Ratio	Lower	Upper
62	100		
64	33.1	22.8	42.4

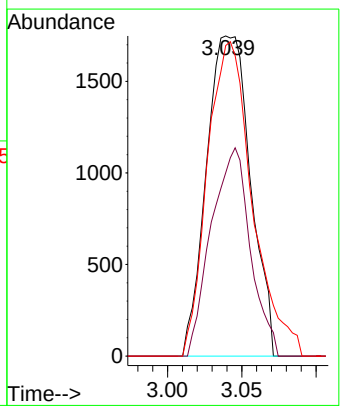


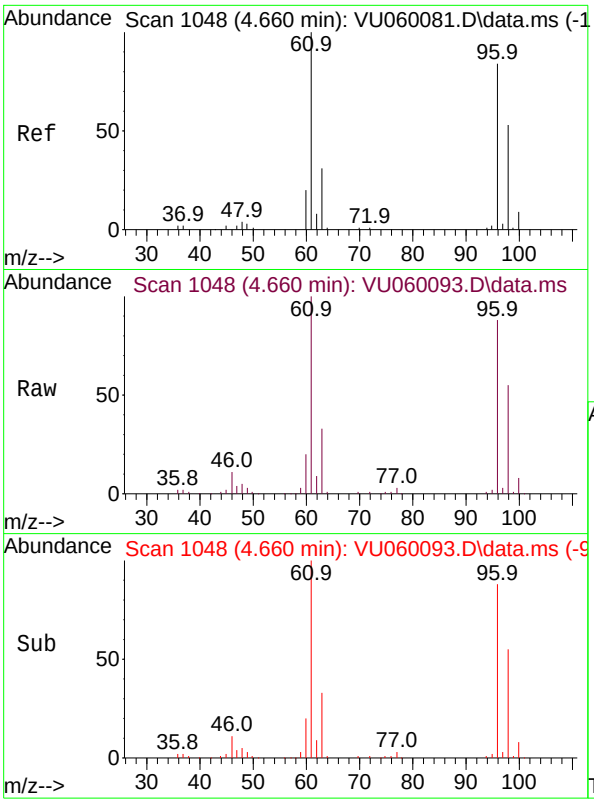


#16
Methylene chloride
Concen: 0.382 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Tgt Ion: 84 Resp: 3595

Ion	Ratio	Lower	Upper
84	100		
86	57.3	44.4	82.5
49	97.0	72.0	133.6



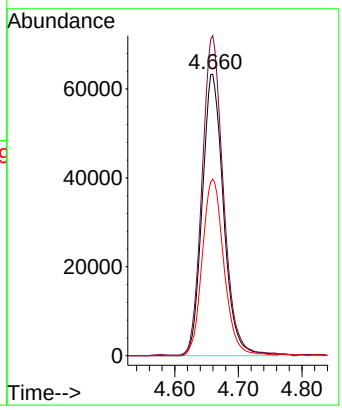


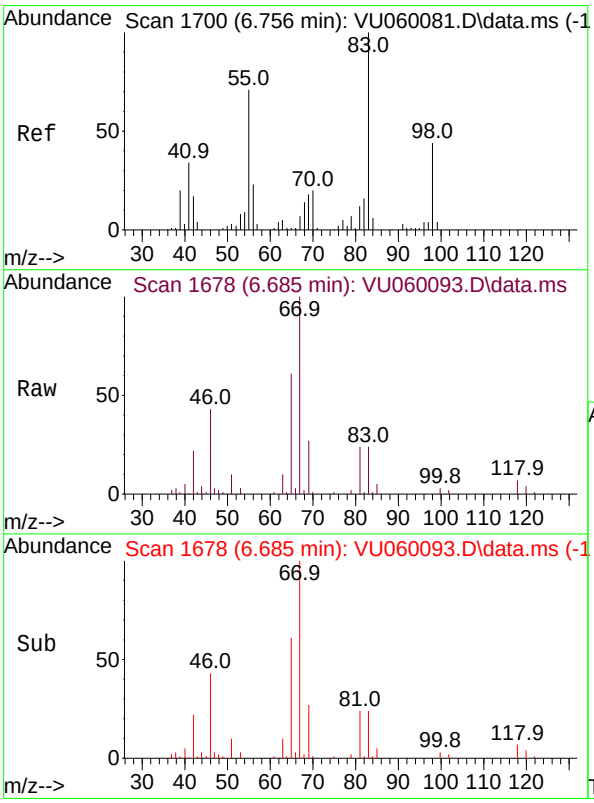
#22
cis-1,2-Dichloroethene
Concen: 16.422 ug/L
RT: 4.660 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 146903

Ion	Ratio	Lower	Upper
96	100		
61	113.7	80.2	148.9
98	62.7	44.7	83.1

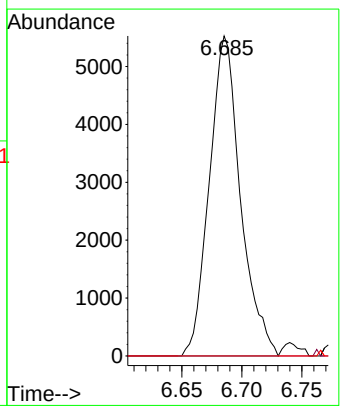


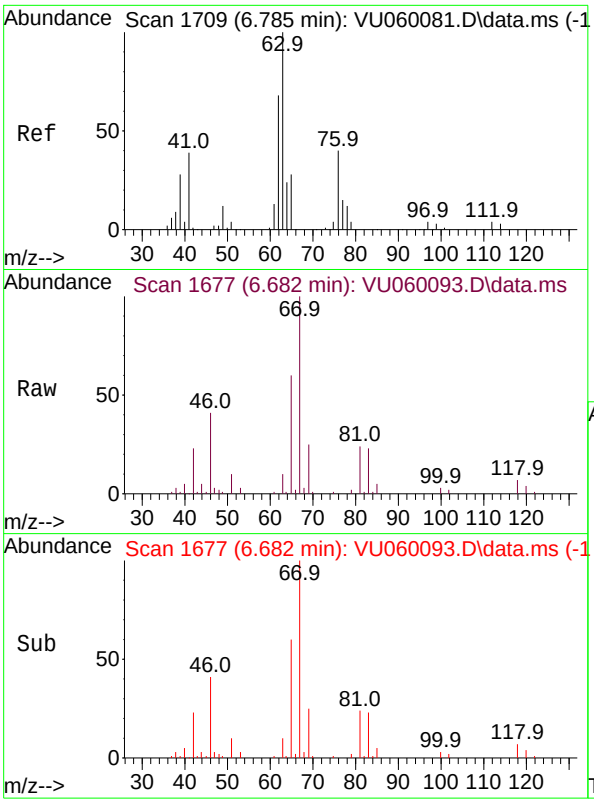


#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Tgt Ion: 83 Resp: 9994

Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.7	85.1#
98	0.2	36.6	55.0#



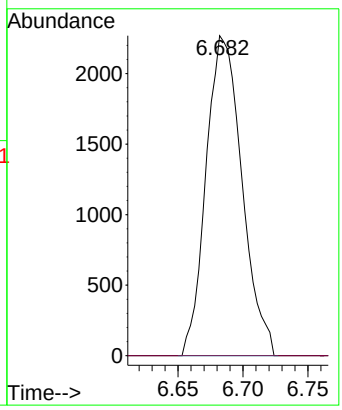


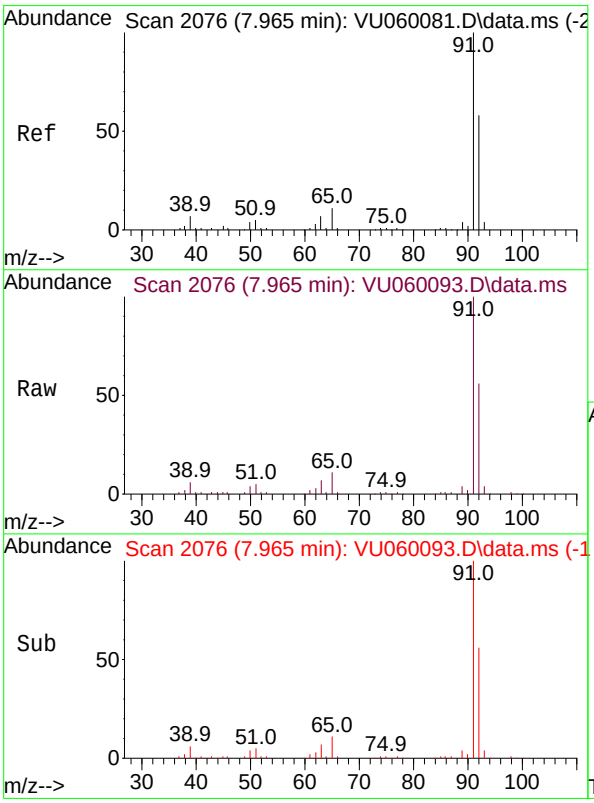
#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4360

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

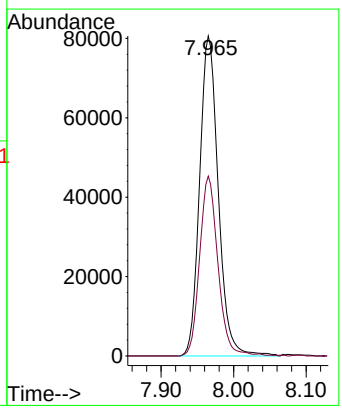


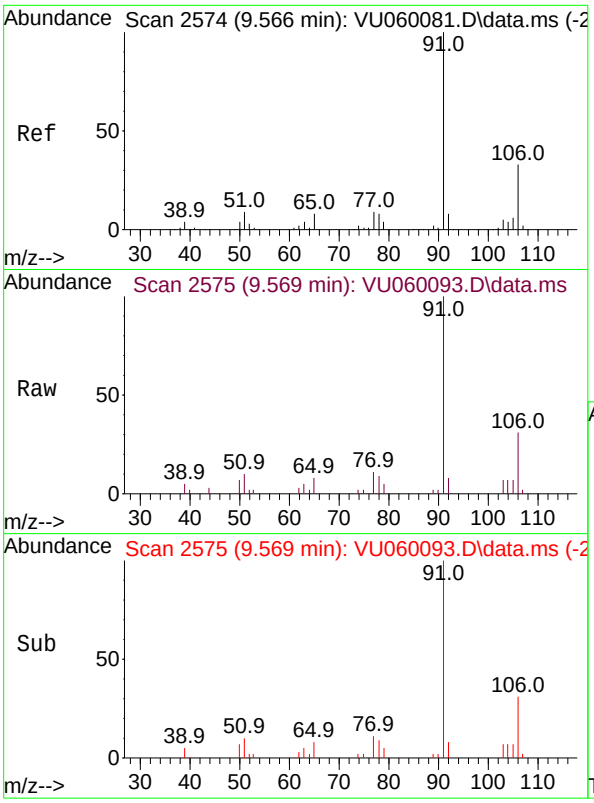


#42
Toluene
Concen: 3.804 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Tgt Ion: 91 Resp: 143929

Ion	Ratio	Lower	Upper
91	100		
92	56.2	39.8	73.8



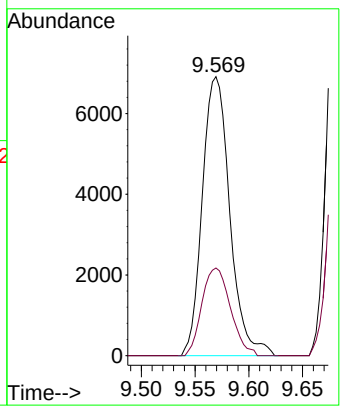


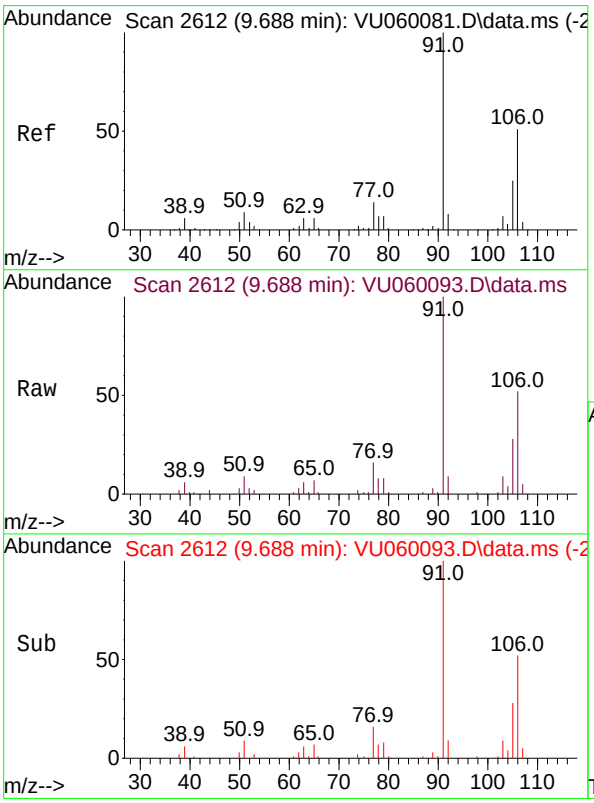
#52
Ethylbenzene
Concen: 0.326 ug/L
RT: 9.569 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 12303

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.9	40.7

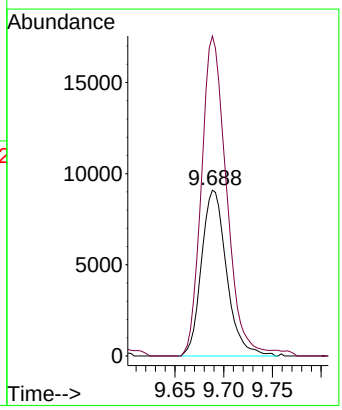


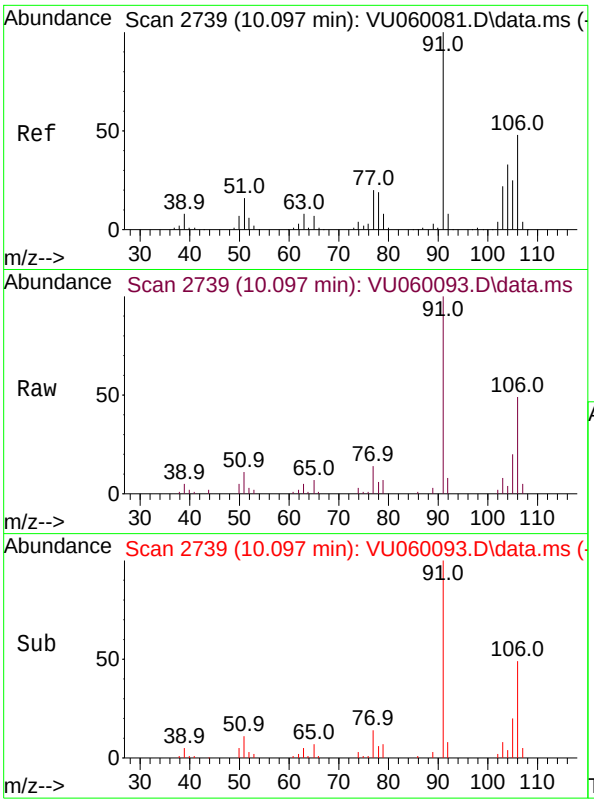


#53
m,p-Xylene
Concen: 1.118 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Tgt Ion:106 Resp: 16298

Ion	Ratio	Lower	Upper
106	100		
91	193.0	141.3	262.5



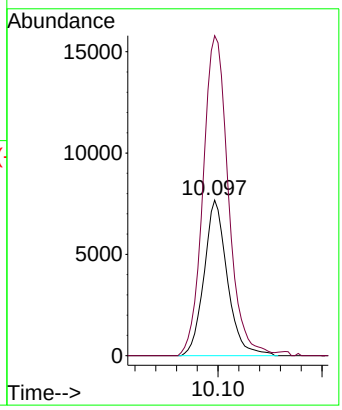


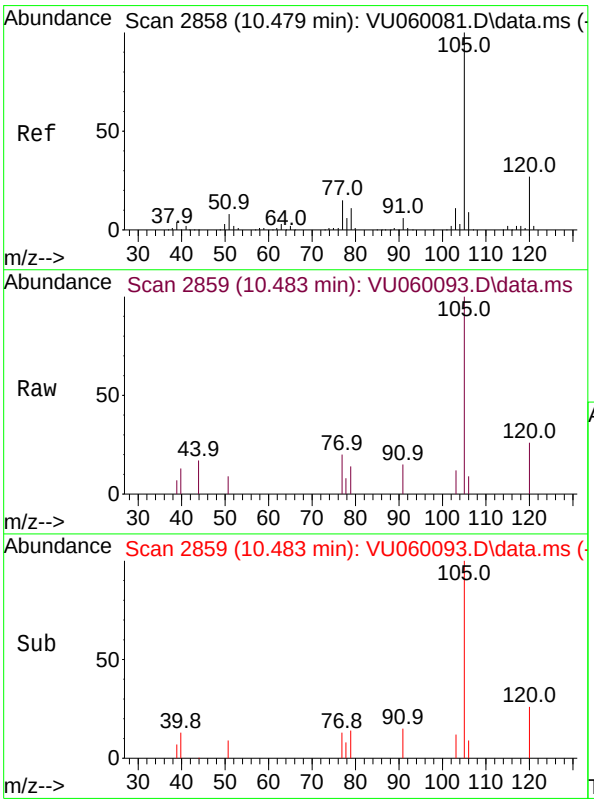
#54
o-Xylene
Concen: 0.855 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 11914

Ion	Ratio	Lower	Upper
106	100		
91	205.8	143.6	266.6

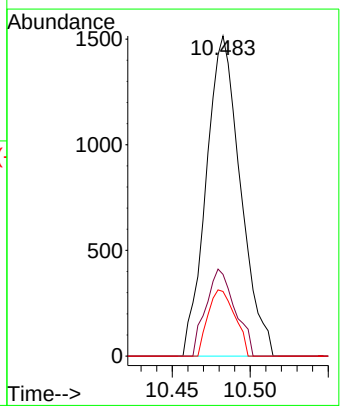


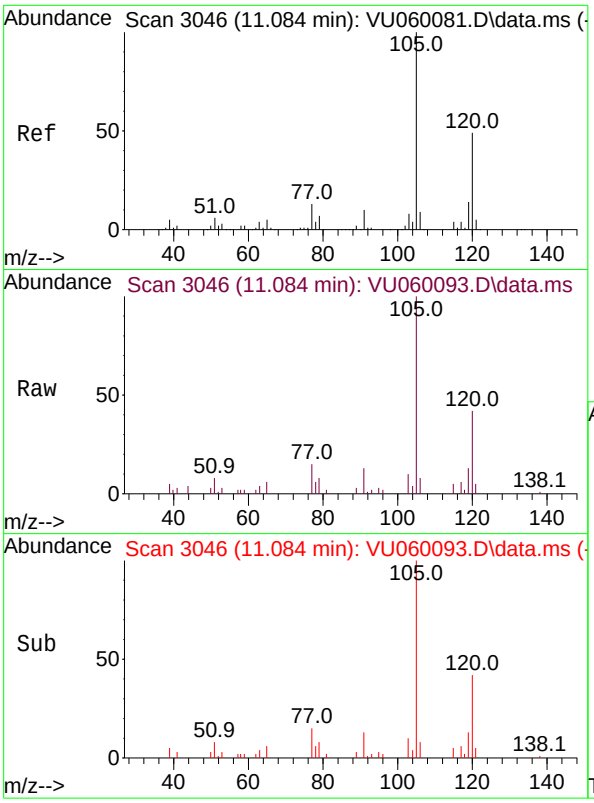


#60
Isopropylbenzene
Concen: 0.066 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.006 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Tgt Ion:105 Resp: 2315

Ion	Ratio	Lower	Upper
105	100		
120	23.0	21.9	32.9
77	16.2	12.1	18.1



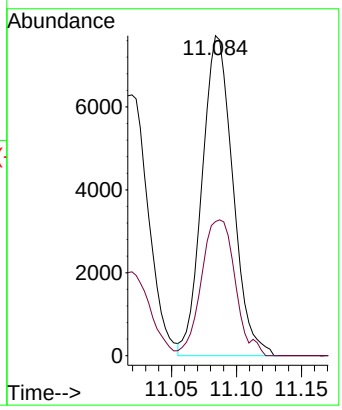


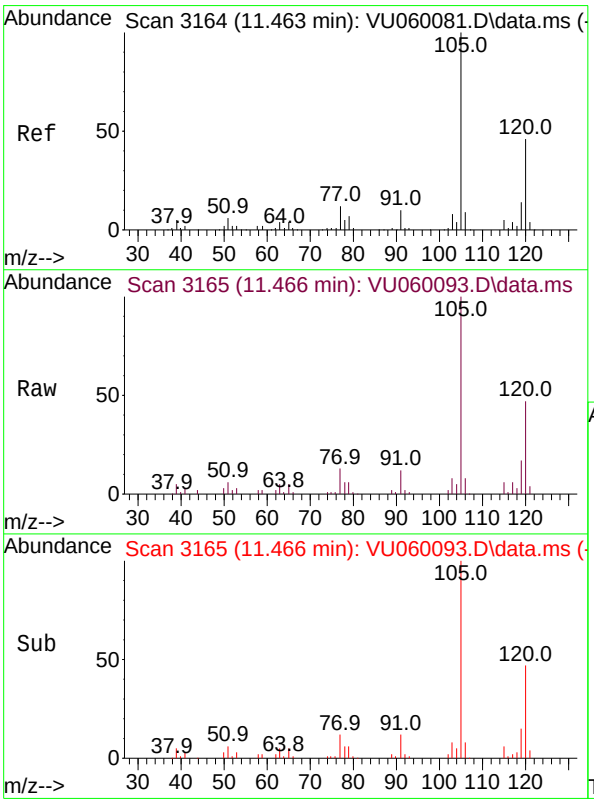
#62
1,3,5-Trimethylbenzene
Concen: 0.470 ug/L
RT: 11.084 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 12678

Ion	Ratio	Lower	Upper
105	100		
120	46.8	39.4	59.2

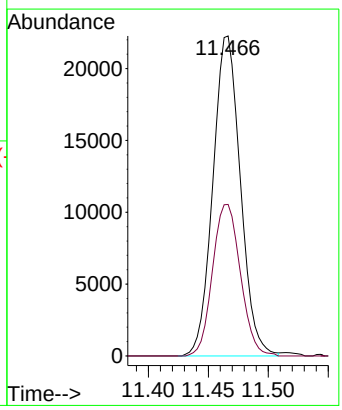


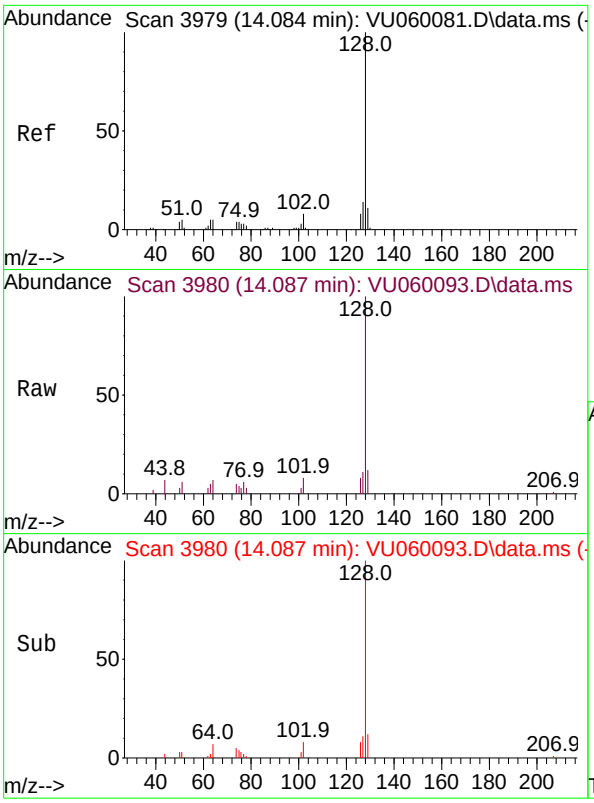


#63
1,2,4-Trimethylbenzene
Concen: 1.363 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Tgt Ion:105 Resp: 35515

Ion	Ratio	Lower	Upper
105	100		
120	47.9	36.7	55.1





#71
Naphthalene
Concen: 0.936 ug/L
RT: 14.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU060093.D
Acq: 22 Jul 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 14458

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.2	12.4
127	12.1	10.6	16.0