Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
Data File : VU061837.D
Acq On : 19 Nov 2024 02:13
Operator : MD/SY
Sample : P4885-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Quant Time: Nov 19 03:42:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 03:37:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87810	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35347	3.300	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.000%			
7) Chloroethane-d5	1.907	69	35909	3.927	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.600%			
11) 1,1-Dichloroethene-d2	2.560	65	16598	3.454	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.000%			
20) 2-Butanone-d5	4.611	46	110280	48.508	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.020%			
24) Chloroform-d	5.052	84	92485	4.344	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
26) 1,2-Dichloroethane-d4	5.692	65	48486	4.746	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.717	84	187375	4.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
36) 1,2-Dichloropropane-d6	6.679	67	59205	4.565	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.891	98	164699	4.018	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	8.171	79	19197	4.018	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.400%			
46) 2-Hexanone-d5	8.621	63	89135	47.216	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.440%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49280	4.820	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	76602	4.898	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	22736	2.121	ug/L	98
16) Methylene chloride	3.036	84	34907	3.027	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	7753	0.316	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	2844	0.230	ug/L	92
25) Chloroform	5.074	83	5181	0.246	ug/L	97
27) 1,2-Dichloroethane	5.791	62	4654	0.352	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	142288	7.866	ug/L	100
34) Trichloroethene	6.534	95	28476	2.192	ug/L	98
42) Toluene	7.962	91	100513	1.941	ug/L	99
47) Tetrachloroethene	8.544	164	298403	30.571	ug/L	97
51) Chlorobenzene	9.438	112	49566	1.487	ug/L	98
52) Ethylbenzene	9.563	91	58415	1.059	ug/L	98
53) m,p-Xylene	9.682	106	43978	2.083	ug/L	98
54) o-Xylene	10.097	106	7895	0.385	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	51651	1.989	ug/L	98

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

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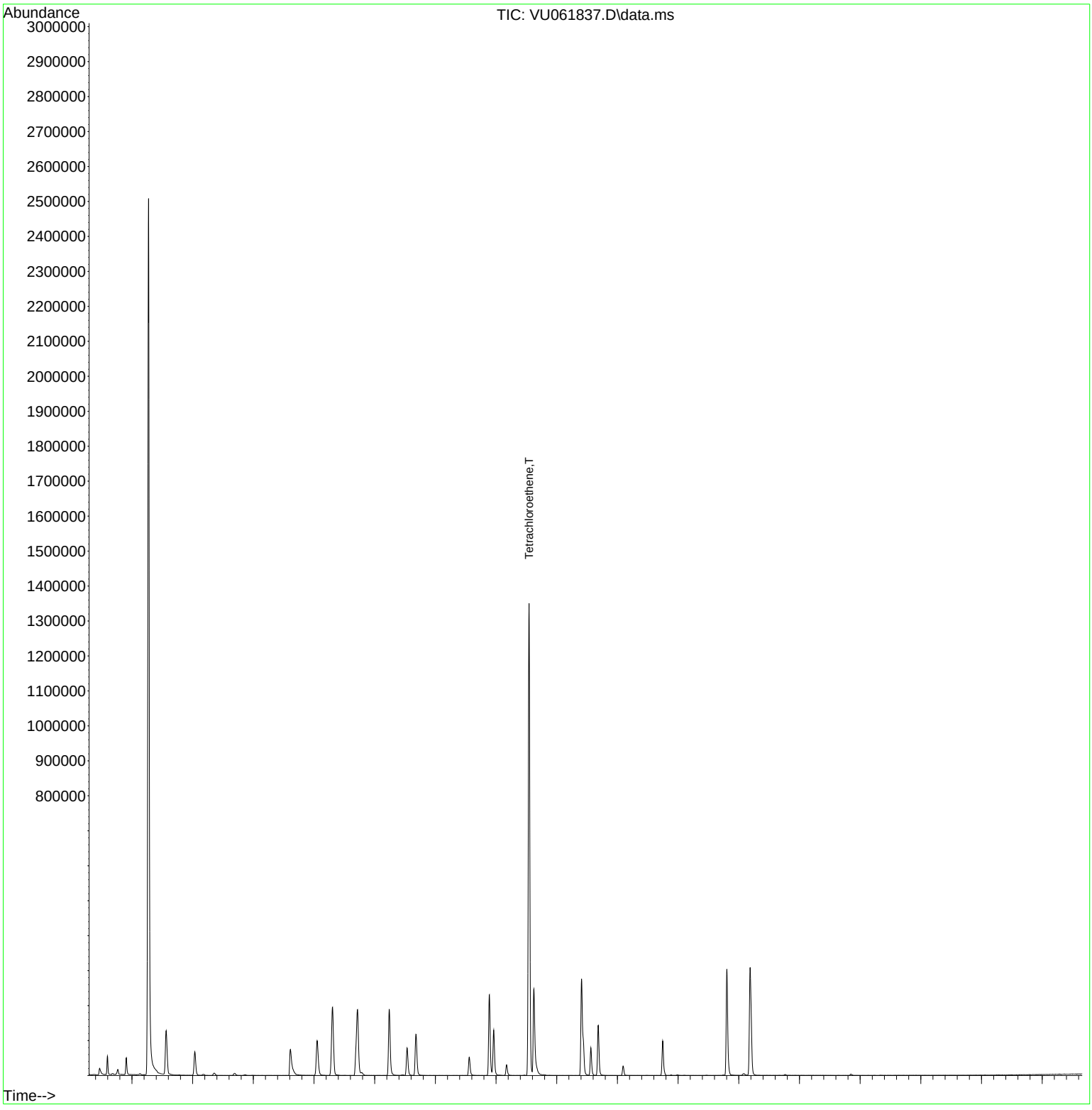
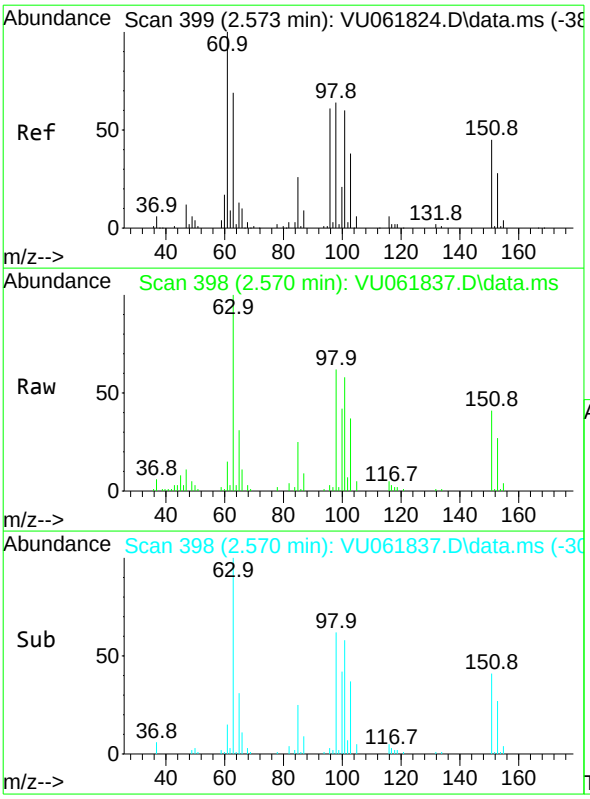
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 03:37:44 2024
Response via : Initial Calibration



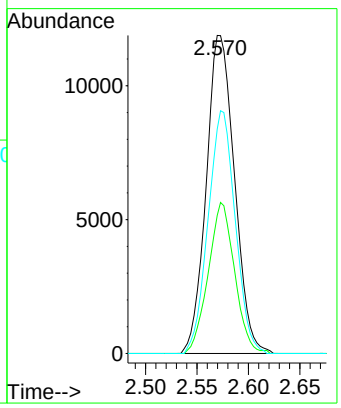


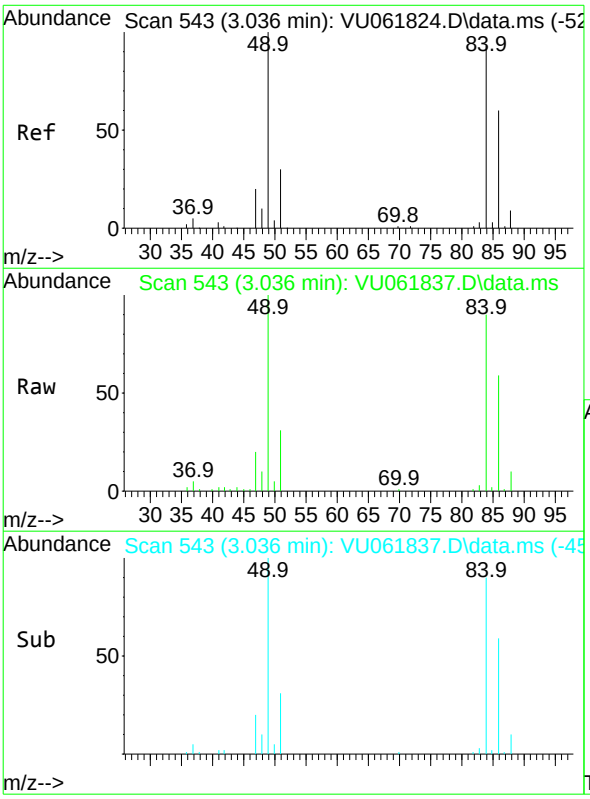
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.121 ug/L
RT: 2.570 min Scan# 39
Delta R.T. -0.003 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion:101 Resp: 22736

Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.1	52.7
151	73.2	56.9	85.3

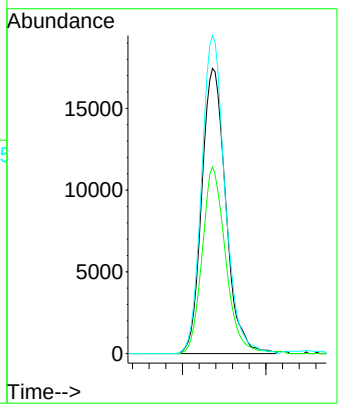


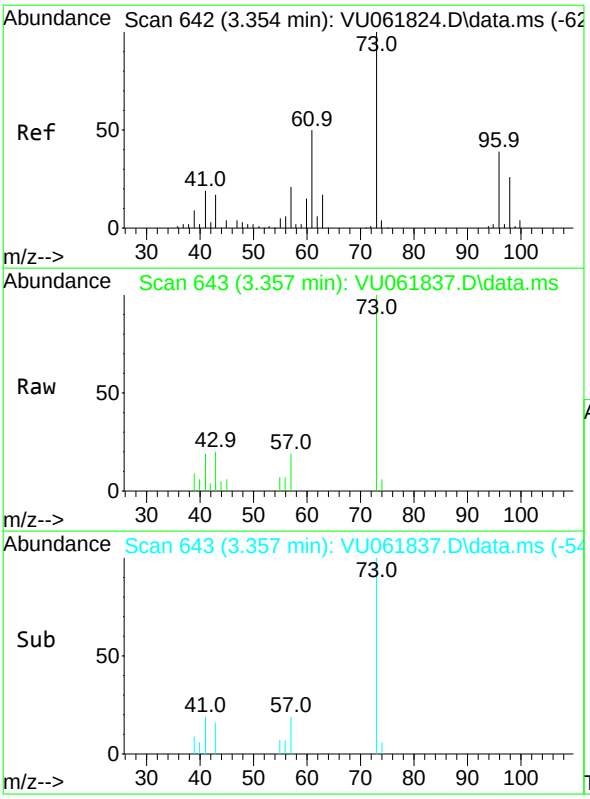


#16
Methylene chloride
Concen: 3.027 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Tgt Ion: 84 Resp: 34907

Ion	Ratio	Lower	Upper
84	100		
86	65.5	45.1	83.7
49	111.5	76.3	141.7



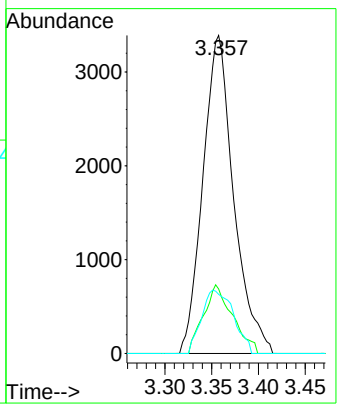


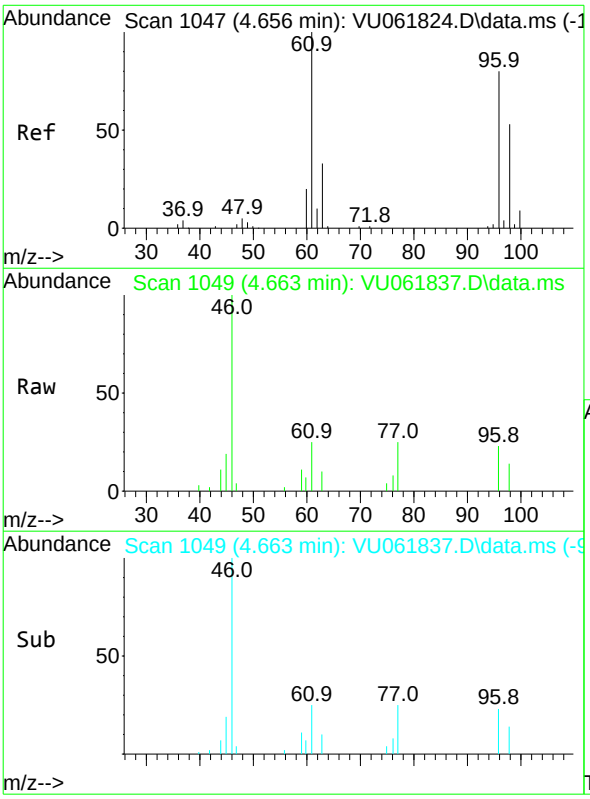
#17
Methyl tert-butyl Ether
Concen: 0.316 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion: 73 Resp: 7753

Ion	Ratio	Lower	Upper
73	100		
43	20.5	14.2	21.4
57	20.6	16.9	25.3

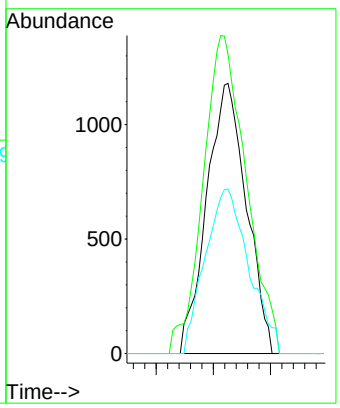


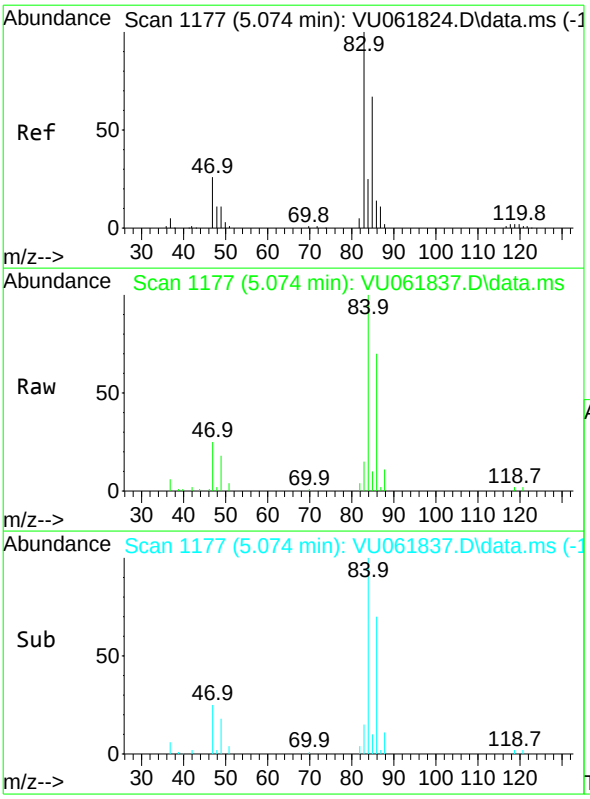


#22
cis-1,2-Dichloroethene
Concen: 0.230 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Tgt Ion: 96 Resp: 2844

Ion	Ratio	Lower	Upper
96	100		
61	110.9	85.6	159.0
98	60.9	45.6	84.8



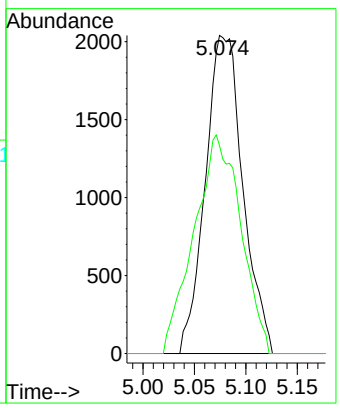


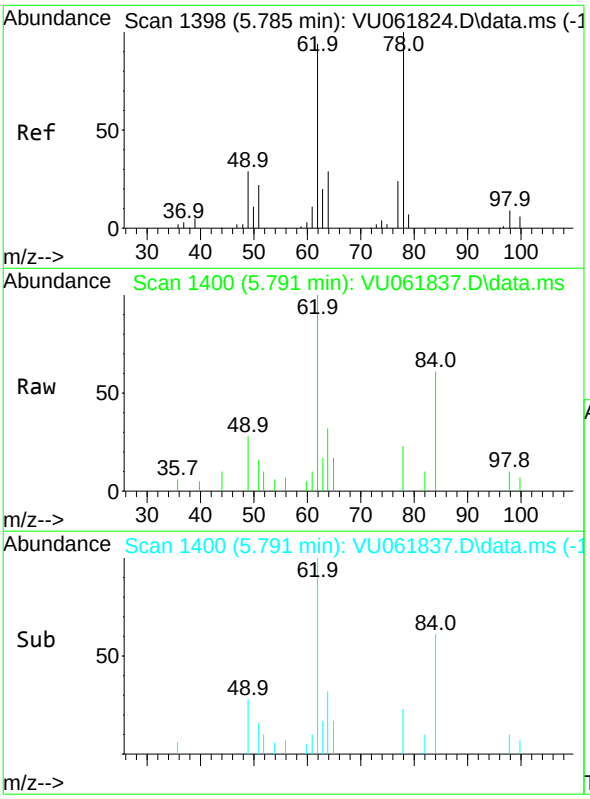
#25
Chloroform
Concen: 0.246 ug/L
RT: 5.074 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion: 83 Resp: 5181

Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.1	81.9

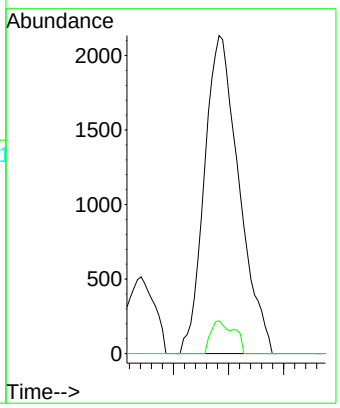


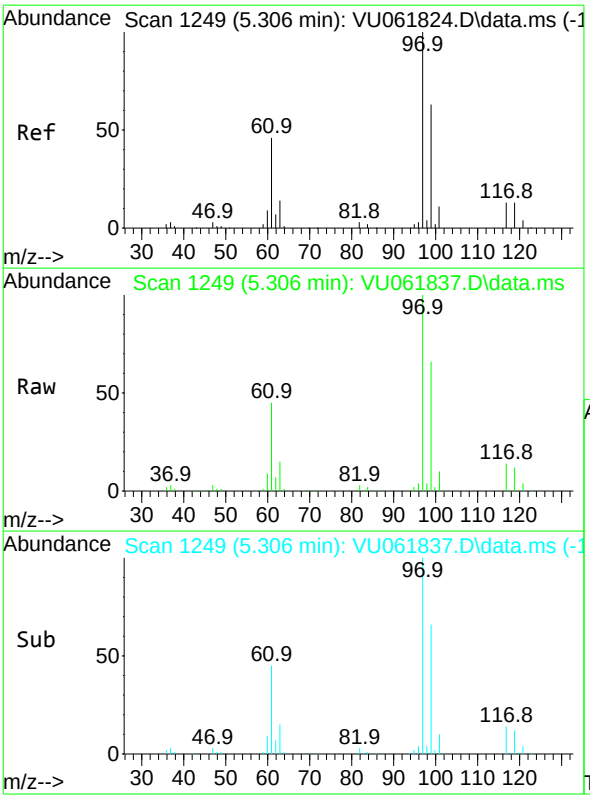


#27
1,2-Dichloroethane
Concen: 0.352 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Tgt Ion: 62 Resp: 4654

Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.7	11.5



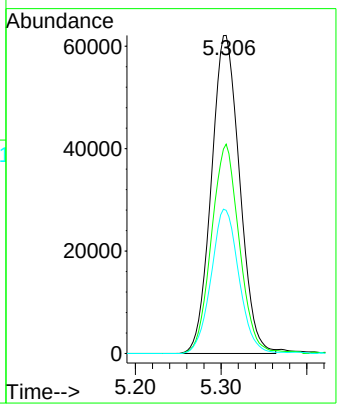


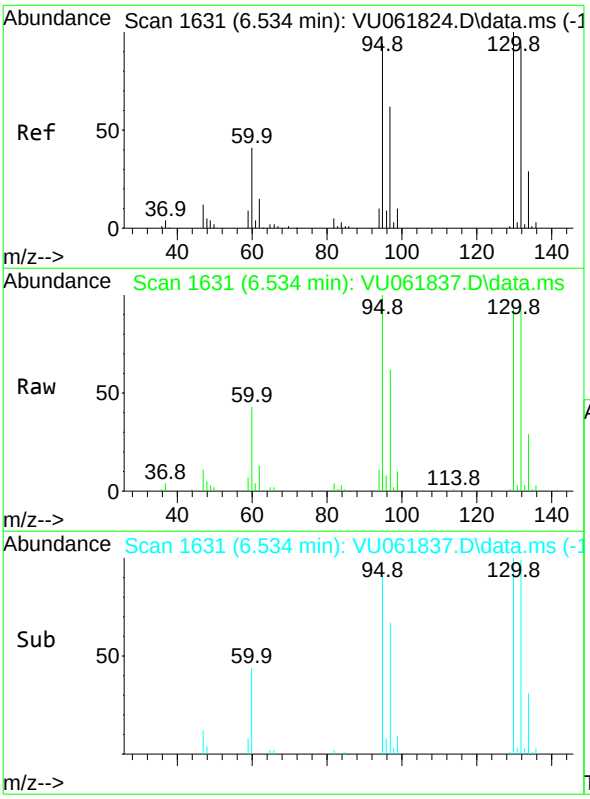
#29
1,1,1-Trichloroethane
Concen: 7.866 ug/L
RT: 5.306 min Scan# 12
Delta R.T. 0.000 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion: 97 Resp: 142288

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	44.7	35.4	53.0

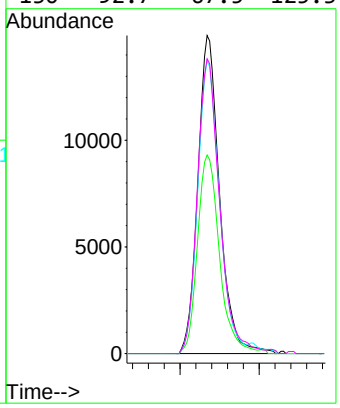


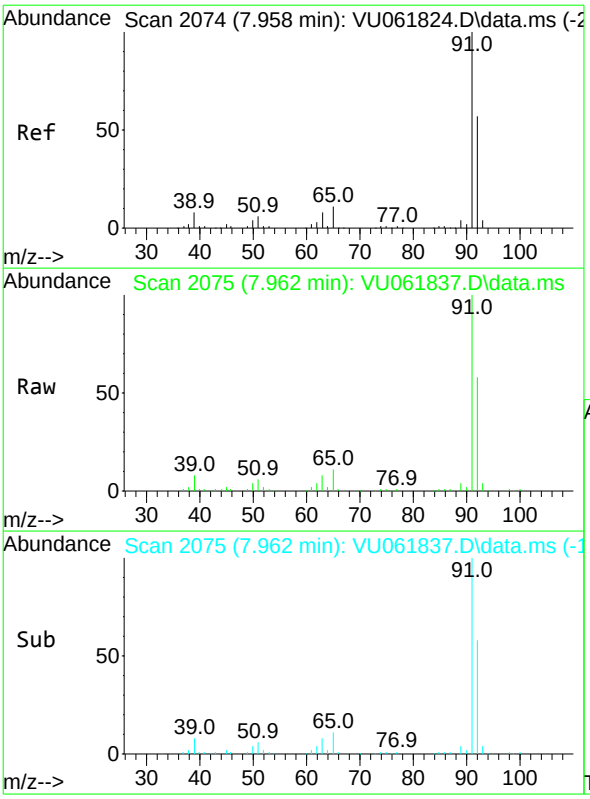


#34
Trichloroethene
Concen: 2.192 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Tgt Ion: 95 Resp: 28476

Ion	Ratio	Lower	Upper
95	100		
97	62.4	43.5	80.9
132	92.2	65.2	121.0
130	92.7	67.5	125.3



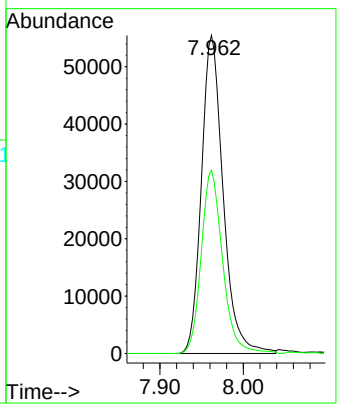


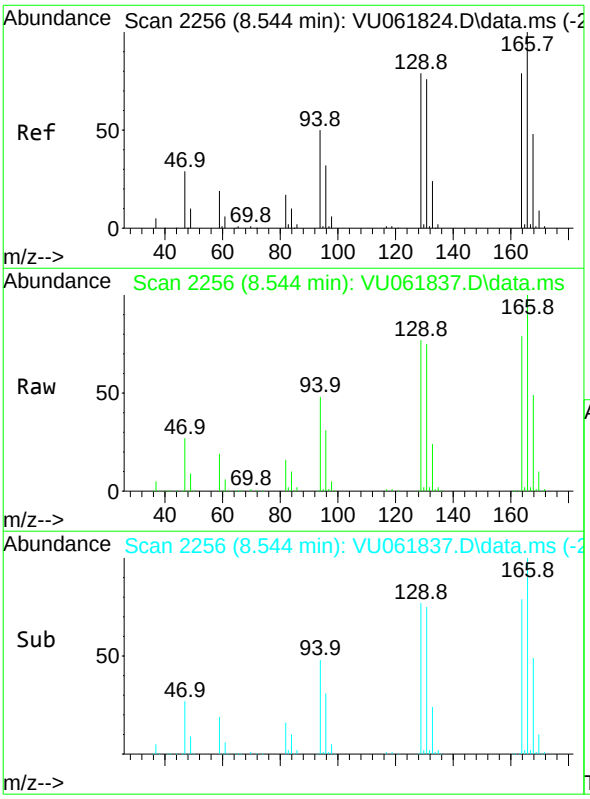
#42
Toluene
Concen: 1.941 ug/L
RT: 7.962 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion: 91 Resp: 100513

Ion	Ratio	Lower	Upper
91	100		
92	57.6	39.7	73.7

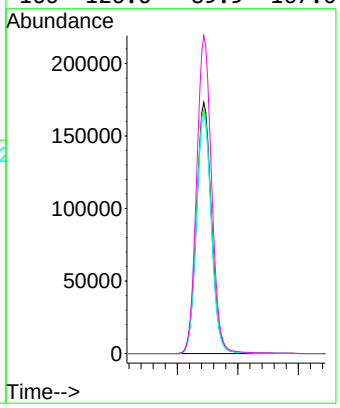


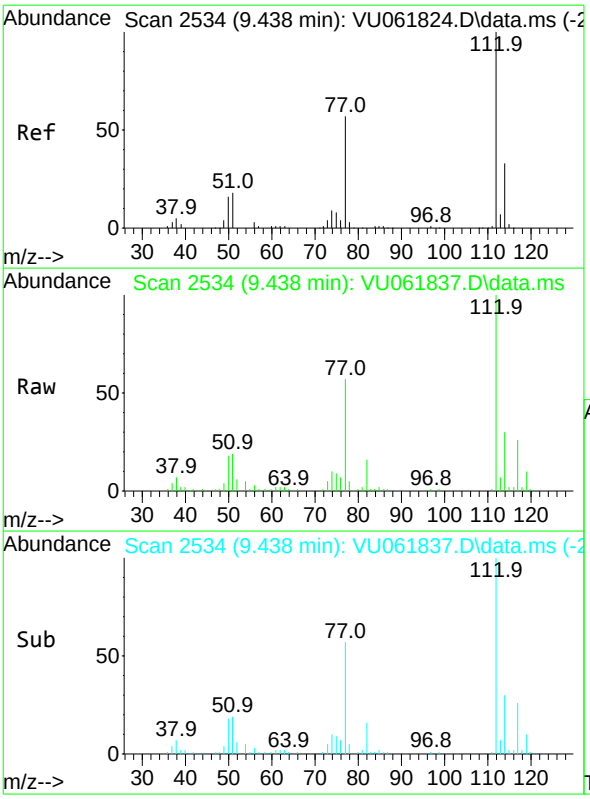


#47
Tetrachloroethene
Concen: 30.571 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Tgt Ion:164 Resp: 298403

Ion	Ratio	Lower	Upper
164	100		
129	97.0	71.7	133.3
131	95.2	68.2	126.6
166	126.6	89.9	167.0



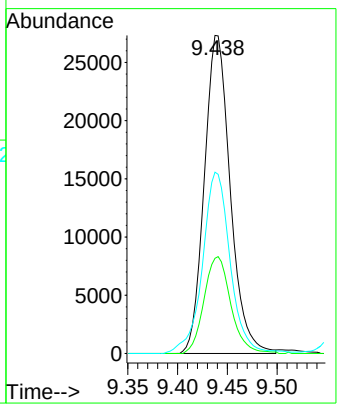


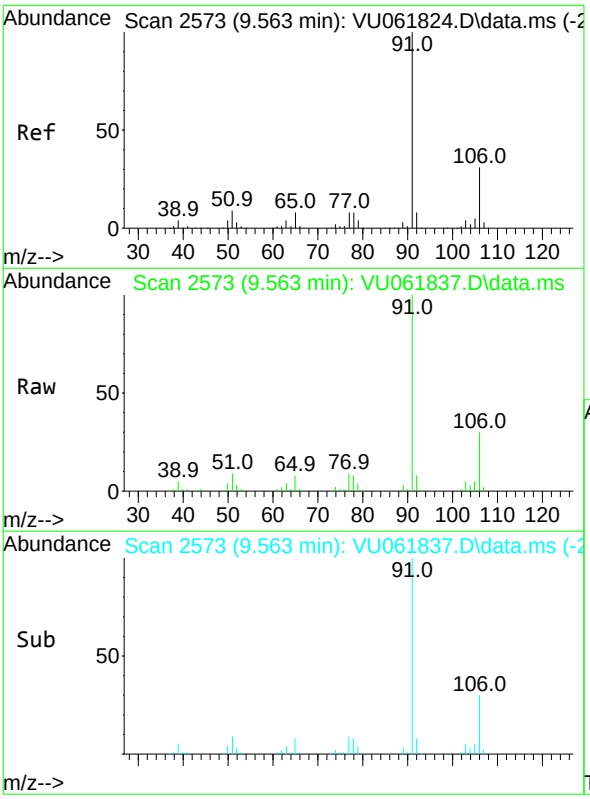
#51
Chlorobenzene
Concen: 1.487 ug/L
RT: 9.438 min Scan# 25
Delta R.T. 0.000 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion:112 Resp: 49566

Ion	Ratio	Lower	Upper
112	100		
114	29.9	22.5	41.9
77	57.0	45.3	67.9

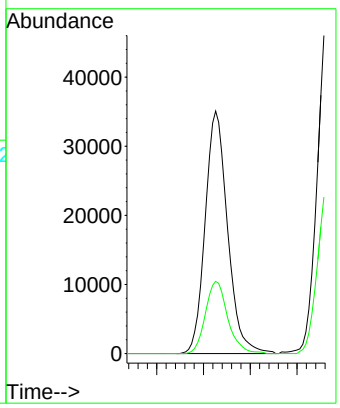


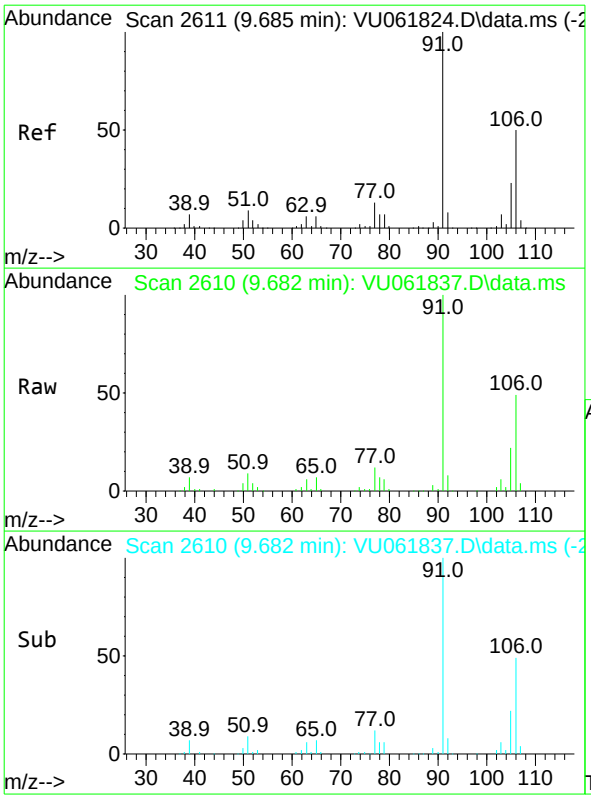


#52
Ethylbenzene
Concen: 1.059 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Tgt Ion: 91 Resp: 58415

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.7	40.3



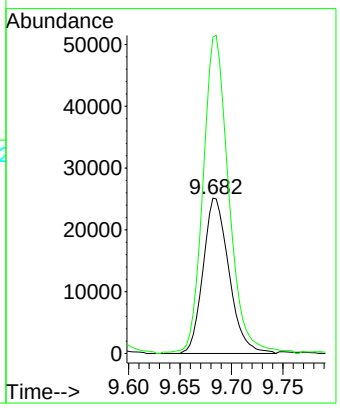


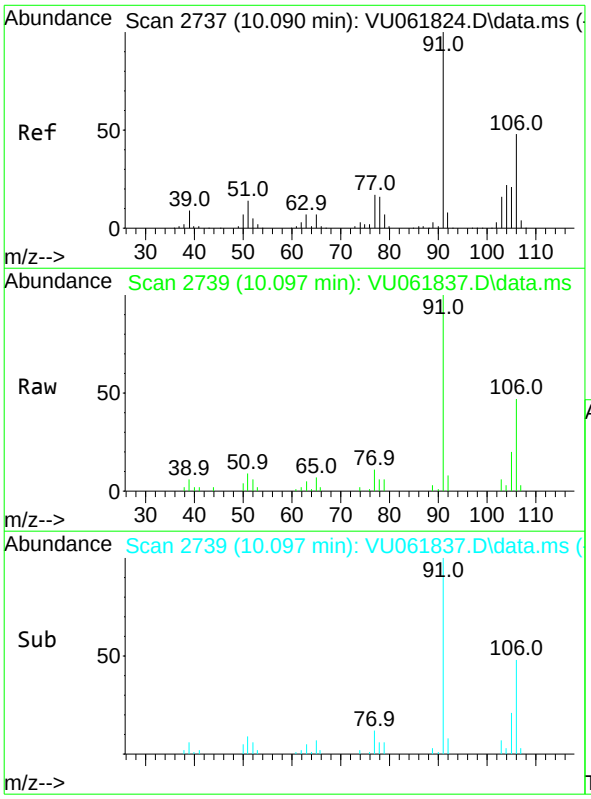
#53
m,p-Xylene
Concen: 2.083 ug/L
RT: 9.682 min Scan# 26
Delta R.T. -0.003 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion:106 Resp: 43978

Ion	Ratio	Lower	Upper
106	100		
91	203.8	140.4	260.8

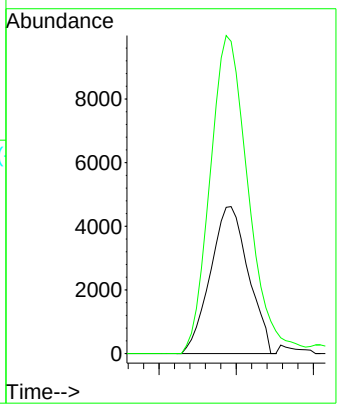


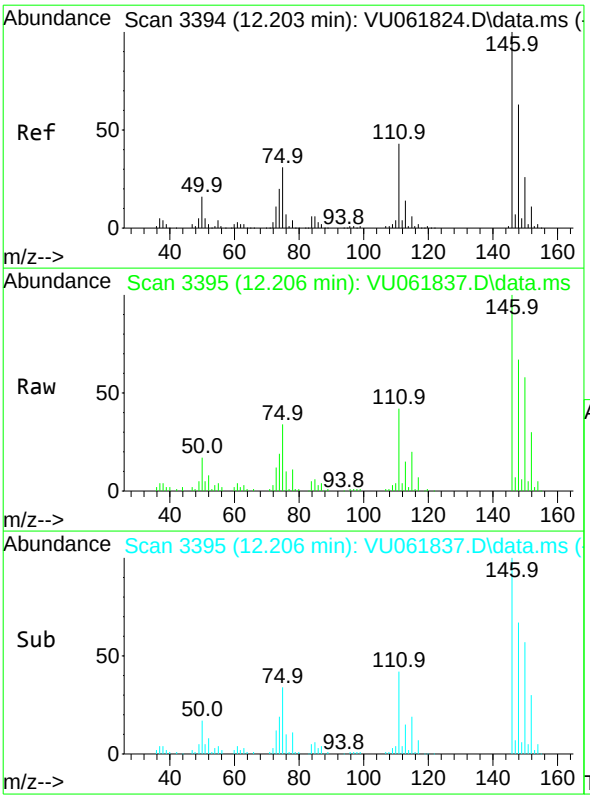


#54
o-Xylene
Concen: 0.385 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.007 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Tgt Ion:106 Resp: 7895

Ion	Ratio	Lower	Upper
106	100		
91	212.4	151.3	280.9





#67
1,2-Dichlorobenzene
Concen: 1.989 ug/L
RT: 12.206 min Scan# 33
Delta R.T. 0.003 min
Lab File: VU061837.D
Acq: 19 Nov 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4

Tgt Ion:146 Resp: 51651

Ion	Ratio	Lower	Upper
146	100		
111	42.2	35.2	52.8
148	67.0	52.6	79.0