Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051146.D
Acq On : 05 Oct 2022 23:30
Operator : JC/MD
Sample : N4889-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Quant Time: Oct 06 12:16:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	319499	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	341274	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	151216	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108079	33.379	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.760%			
7) Chloroethane-d5	1.887	69	94509	31.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 62.840%#			
11) 1,1-Dichloroethene-d2	2.556	63	143241	29.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.900%#			
21) 2-Butanone-d5	4.620	46	233410	111.143	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.140%			
24) Chloroform-d	5.060	84	196404	37.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.300%			
26) 1,2-Dichloroethane-d4	5.697	65	127335	39.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.860%			
32) Benzene-d6	5.723	84	428107	42.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.680%			
36) 1,2-Dichloropropane-d6	6.690	67	142925	44.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.140%			
41) Toluene-d8	7.919	98	417728	45.241	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.480%			
43) trans-1,3-Dichloroprop...	8.189	79	60399	39.049	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.100%			
47) 2-Hexanone-d5	8.632	63	142099	108.520	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.520%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	234962	41.457	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.920%			
66) 1,2-Dichlorobenzene-d4	12.192	152	148854	46.079	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.160%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	1358	0.404	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1774	0.727	ug/L #	22
12) 1,1-Dichloroethene	2.559	96	1381	0.606	ug/L #	1
15) Methyl Acetate	2.954	43	5240	1.711	ug/L #	75
19) 1,1-Dichloroethane	3.864	63	5628	1.222	ug/L	96
20) cis-1,2-Dichloroethene	4.662	96	17990	6.647	ug/L	99
29) Cyclohexane	5.385	56	8186	2.463	ug/L	95
30) 1,1,1-Trichloroethane	5.311	97	7609	1.901	ug/L	97
33) Benzene	5.771	78	12163	1.169	ug/L	100
35) Methylcyclohexane	6.761	83	87665	23.901	ug/L #	85
38) Bromodichloromethane	7.076	83	1868	0.500	ug/L #	80
44) trans-1,3-Dichloropropene	8.189	75	2540	0.633	ug/L #	68
45) 1,1,2-Trichloroethane	8.375	97	32845	10.823	ug/L #	18
46) Tetrachloroethene	8.555	164	14310	7.007	ug/L	98
52) Ethylbenzene	9.571	91	8328462	705.535	ug/L	100
53) m,p-Xylene	9.694	106	4070042	916.874	ug/L	99
54) o-Xylene	10.099	106	672623	151.596	ug/L	100
55) Styrene	10.099	104	38102	4.969	ug/L #	1
61) Isopropylbenzene	10.484	105	66730	6.793	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051146.D
Acq On : 05 Oct 2022 23:30
Operator : JC/MD
Sample : N4889-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Quant Time: Oct 06 12:16:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.089	105	53274	6.632	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	168035	20.872	ug/L	98
71) Naphthalene	14.086	128	93530	9.300	ug/L	100

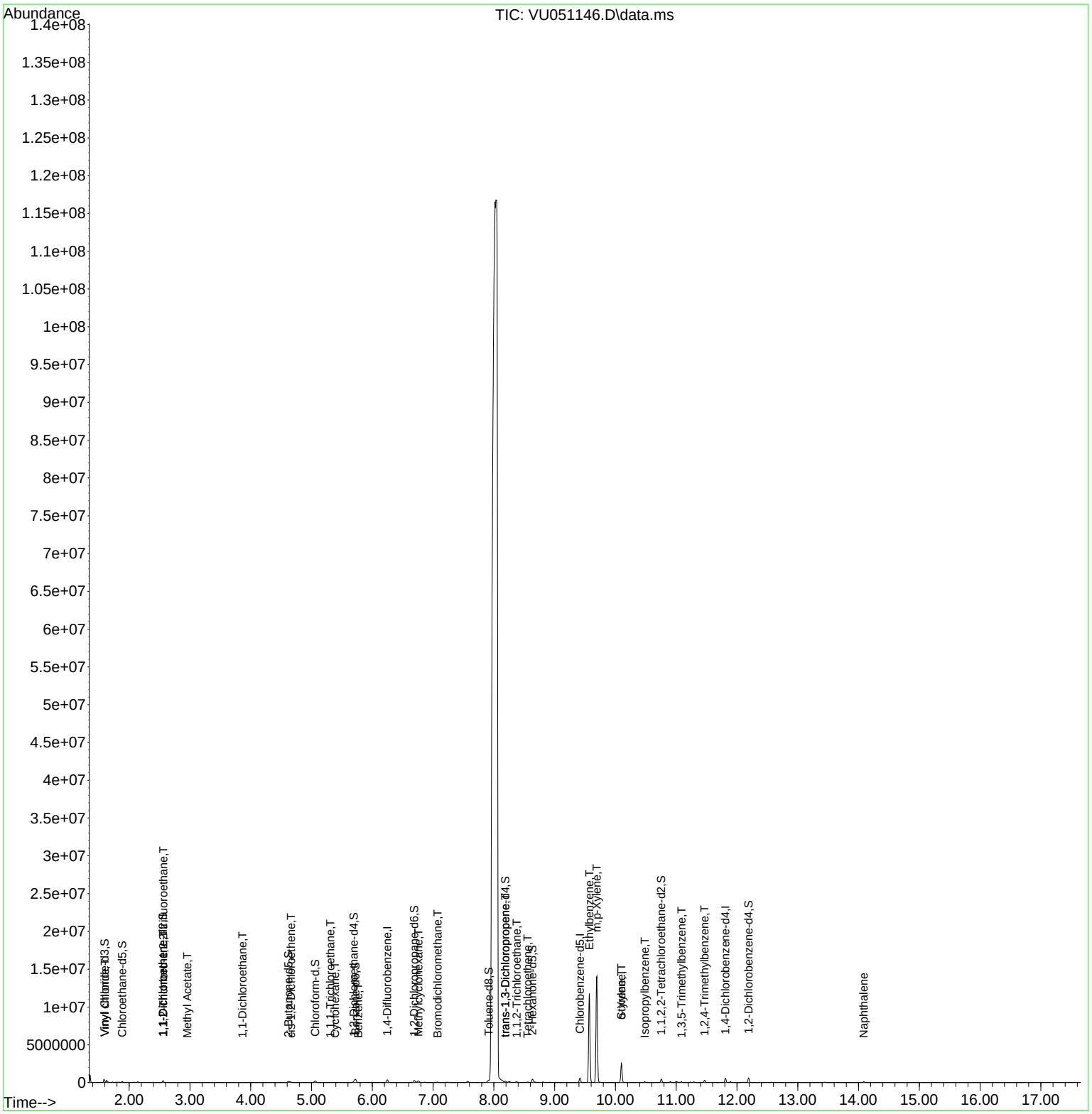
(#) = qualifier out of range (m) = manual integration (+) = signals summed

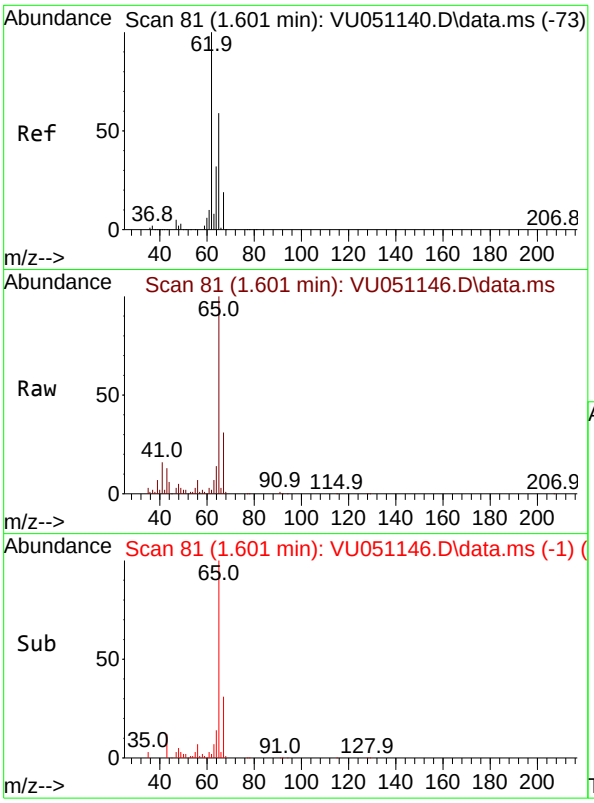
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051146.D
Acq On : 05 Oct 2022 23:30
Operator : JC/MD
Sample : N4889-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Quant Time: Oct 06 12:16:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration



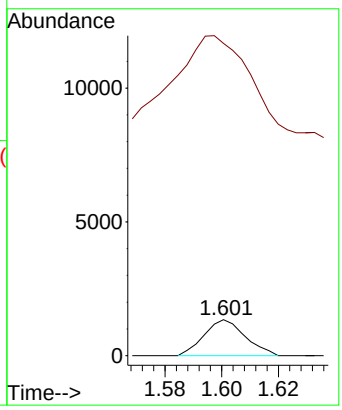


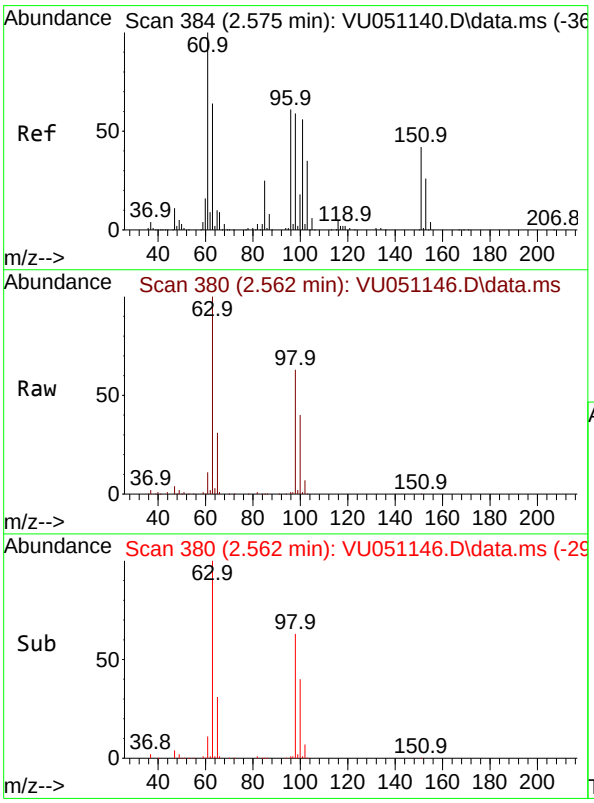
#5
Vinyl chloride
Concen: 0.404 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 62 Resp: 1358

Ion	Ratio	Lower	Upper
62	100		
64	866.0	23.5	43.7#

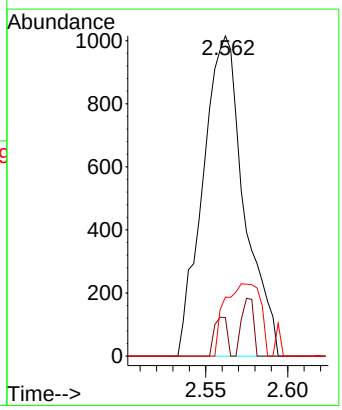


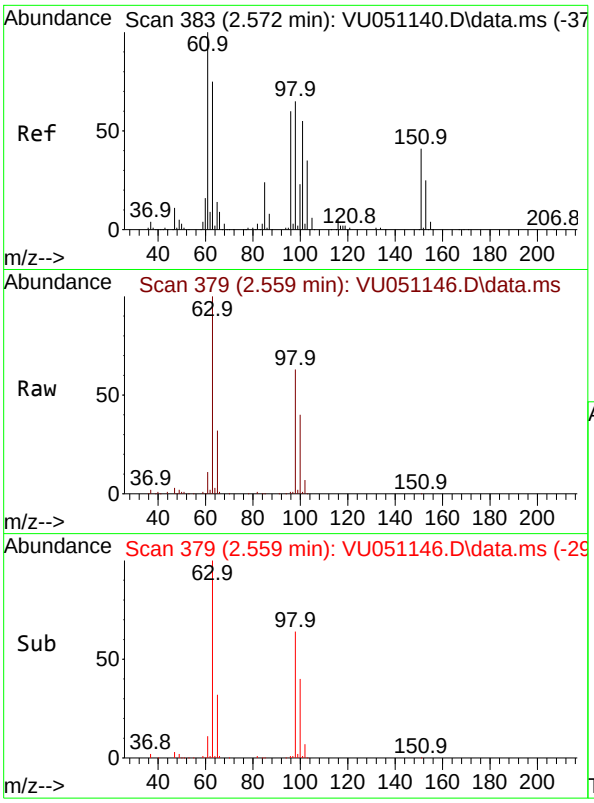


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.727 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion:101 Resp: 1774

Ion	Ratio	Lower	Upper
101	100		
85	3.8	34.6	52.0#
151	0.0	58.6	87.8#



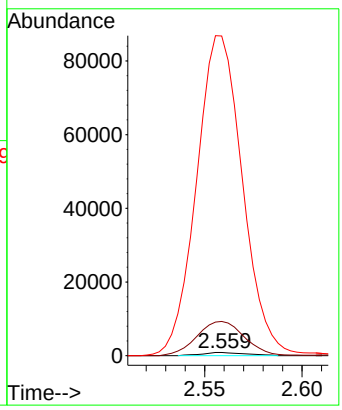


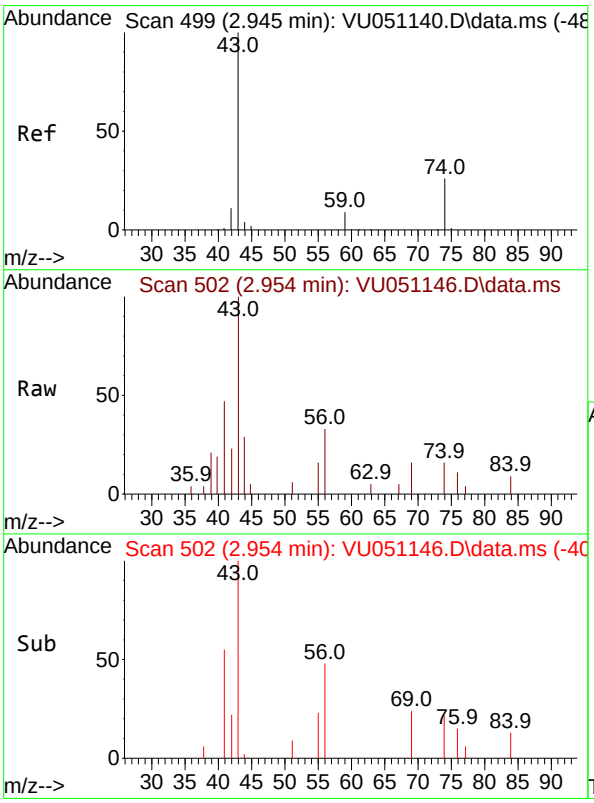
#12
1,1-Dichloroethene
Concen: 0.606 ug/L
RT: 2.559 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 96 Resp: 1381

Ion	Ratio	Lower	Upper
96	100		
61	1051.8	113.0	209.9#
63	9840.4	91.7	170.3#

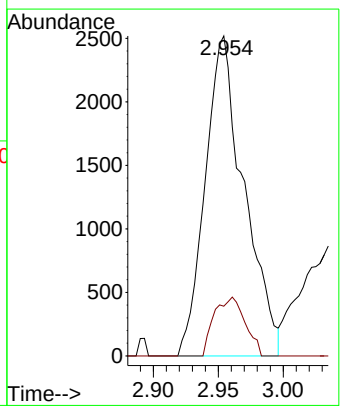


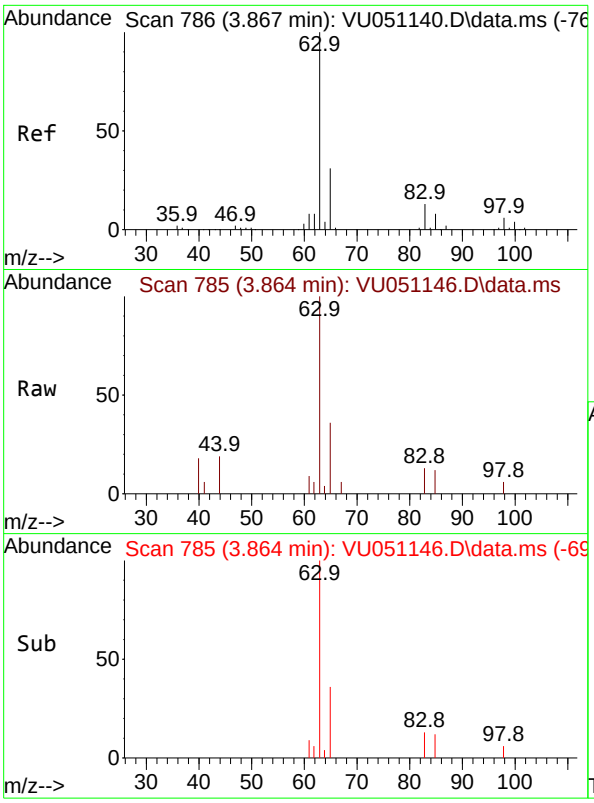


#15
Methyl Acetate
Concen: 1.711 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.010 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion: 43 Resp: 5240

Ion	Ratio	Lower	Upper
43	100		
74	14.6	22.4	33.6#



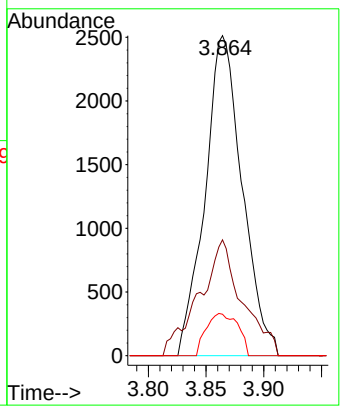


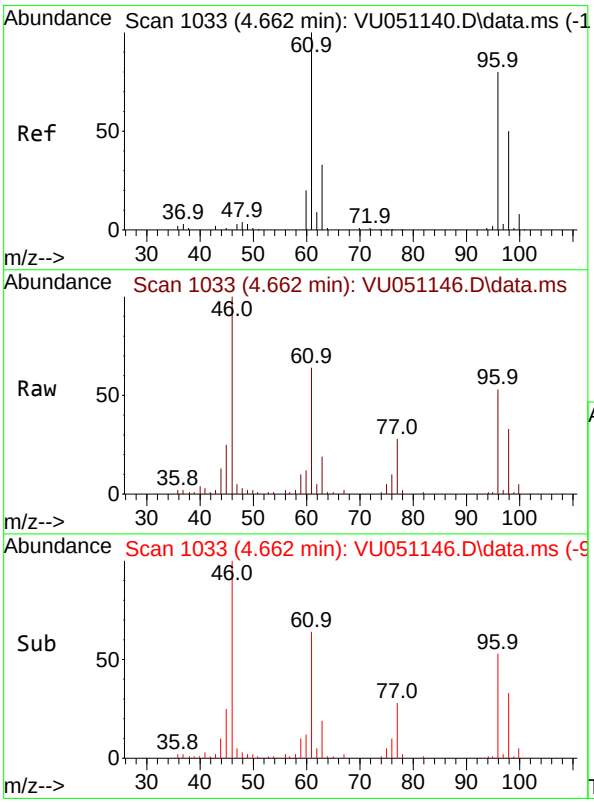
#19
1,1-Dichloroethane
Concen: 1.222 ug/L
RT: 3.864 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 63 Resp: 5628

Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.6	42.0
83	12.5	9.4	17.4

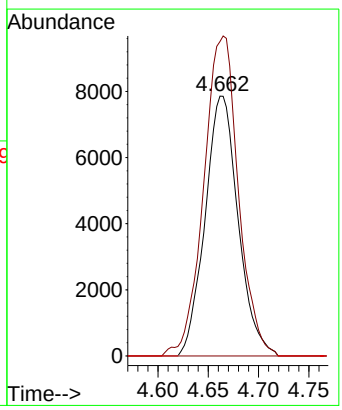


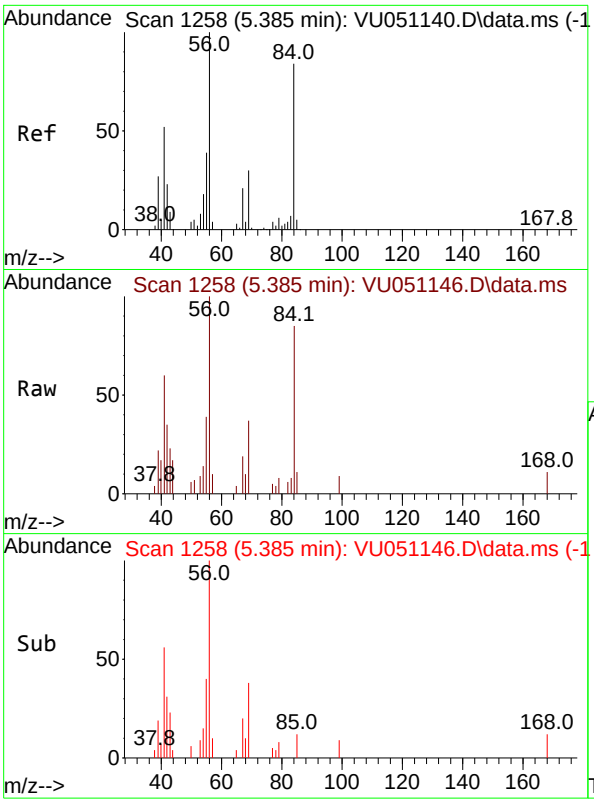


#20
cis-1,2-Dichloroethene
Concen: 6.647 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion: 96 Resp: 17990

Ion	Ratio	Lower	Upper
96	100		
61	121.0	85.4	158.6
68	0.0	0.0	0.0



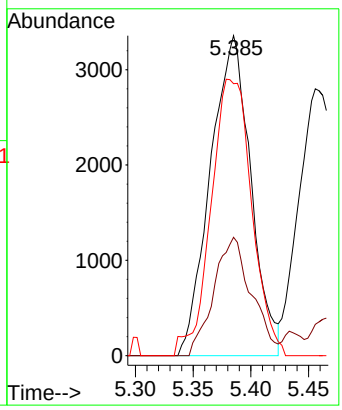


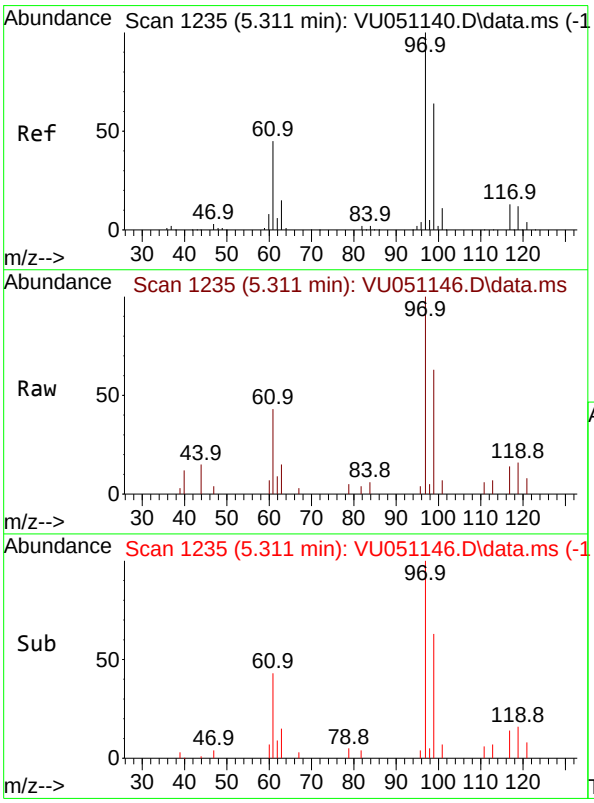
#29
Cyclohexane
Concen: 2.463 ug/L
RT: 5.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 56 Resp: 8186

Ion	Ratio	Lower	Upper
56	100		
69	34.6	24.8	37.2
84	85.1	71.8	107.6

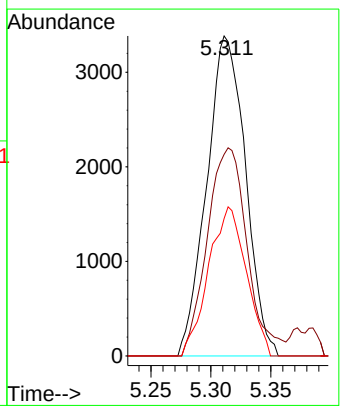


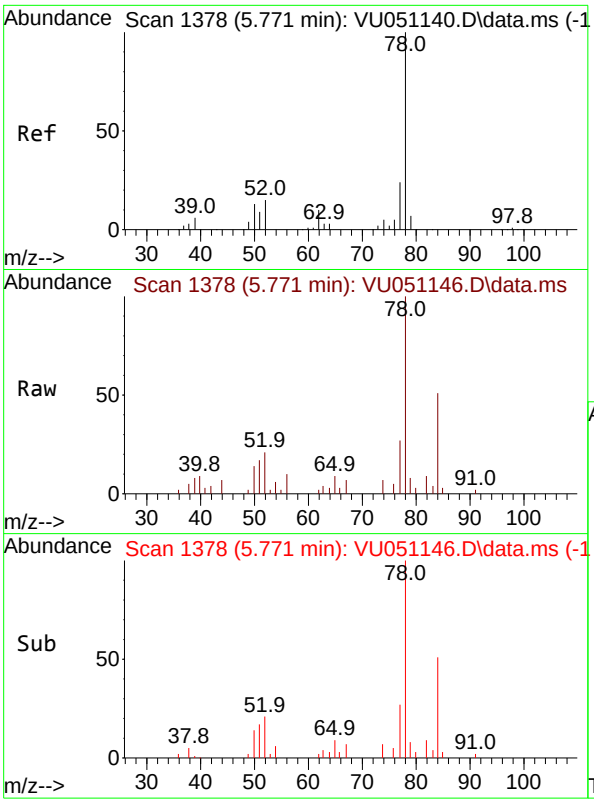


#30
1,1,1-Trichloroethane
Concen: 1.901 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion: 97 Resp: 7609

Ion	Ratio	Lower	Upper
97	100		
99	67.4	51.4	77.2
61	45.4	36.0	54.0

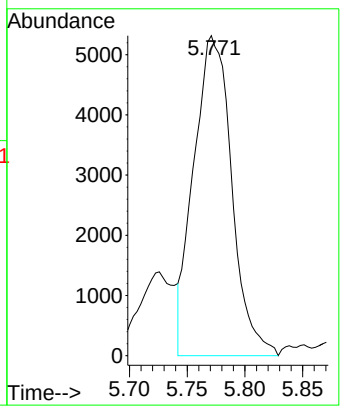


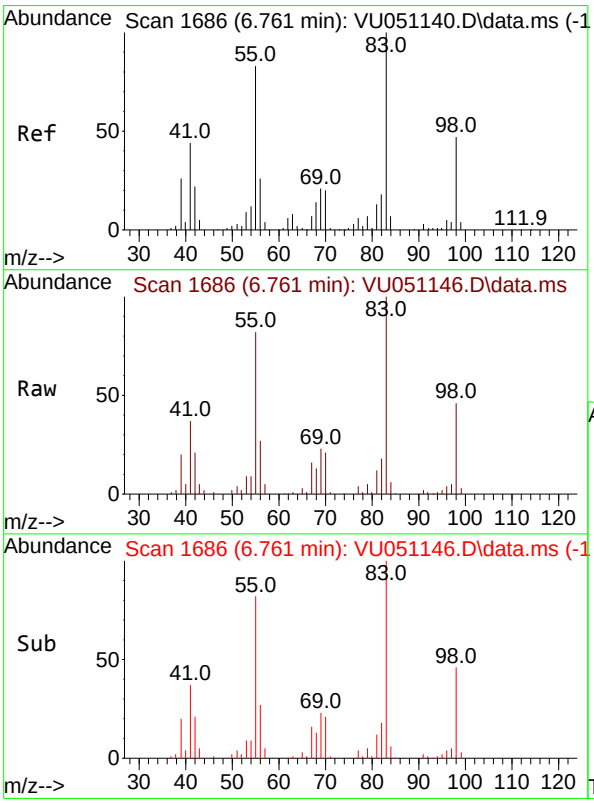


#33
Benzene
Concen: 1.169 ug/L
RT: 5.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 78 Resp: 12163

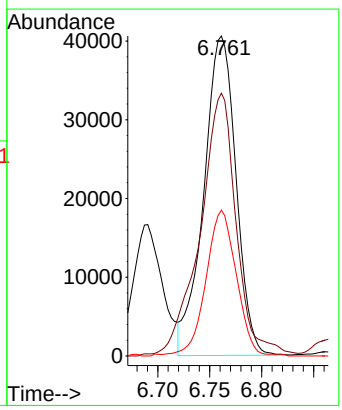


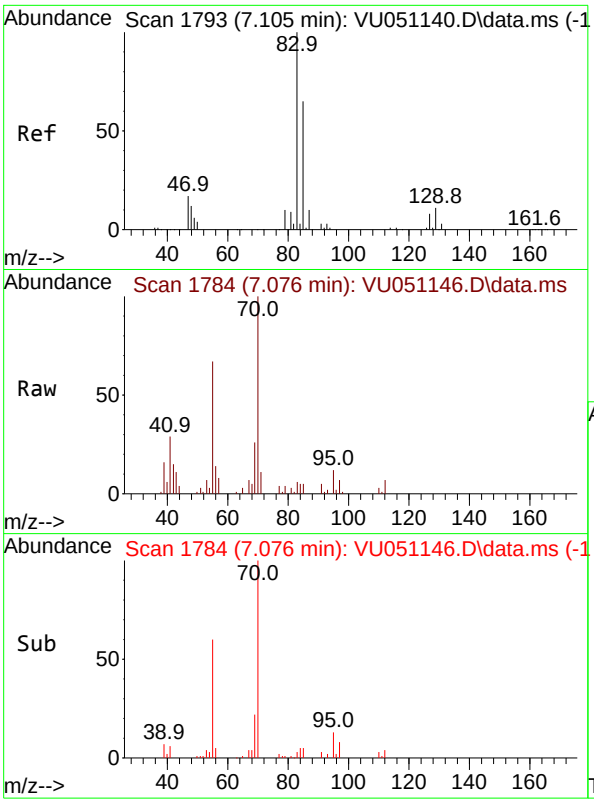


#35
Methylcyclohexane
Concen: 23.901 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion: 83 Resp: 87665

Ion	Ratio	Lower	Upper
83	100		
55	92.1	59.3	88.9#
98	42.0	36.0	54.0



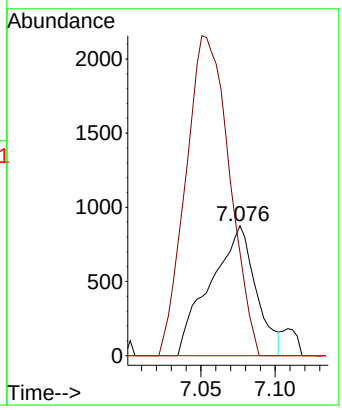


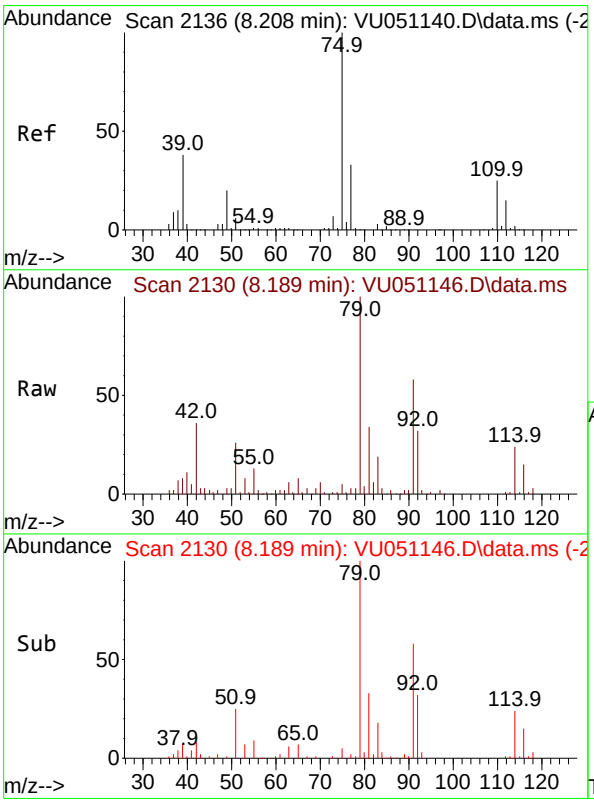
#38
Bromodichloromethane
Concen: 0.500 ug/L
RT: 7.076 min Scan# 1
Delta R.T. -0.029 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 83 Resp: 1868

Ion	Ratio	Lower	Upper
83	100		
85	79.3	45.1	83.7
127	0.0	6.7	10.1#

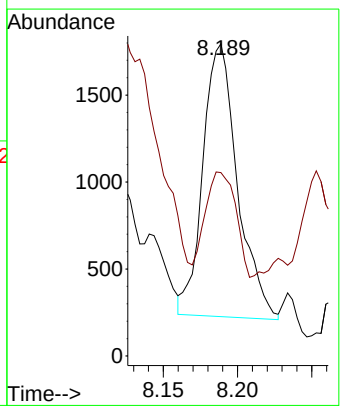


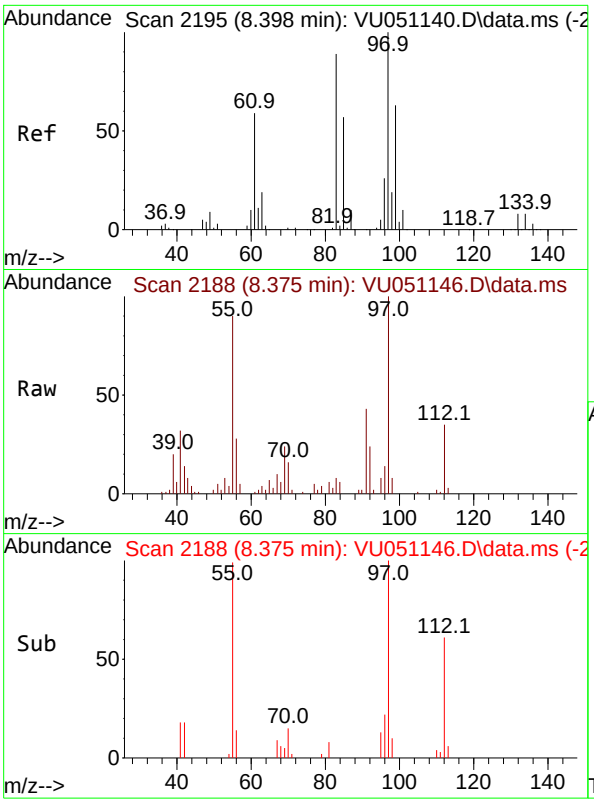


#44
trans-1,3-Dichloropropene
Concen: 0.633 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.019 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion: 75 Resp: 2540

Ion	Ratio	Lower	Upper
75	100		
77	50.2	22.7	42.3#



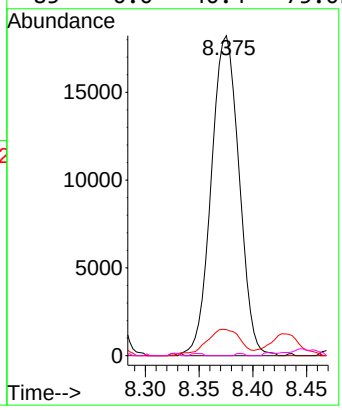


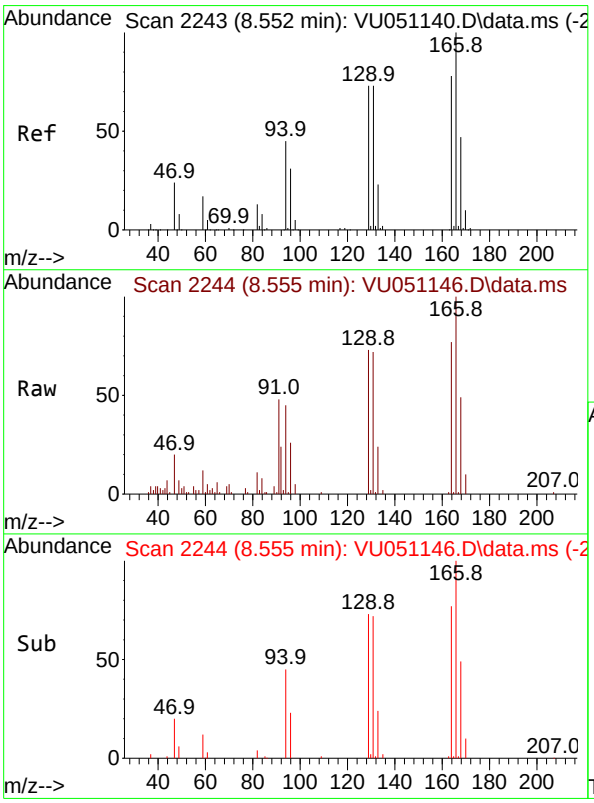
#45
1,1,2-Trichloroethane
Concen: 10.823 ug/L
RT: 8.375 min Scan# 21
Delta R.T. -0.022 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 97 Resp: 32845

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.4	82.4#
83	8.1	61.7	114.5#
85	0.0	40.4	75.0#

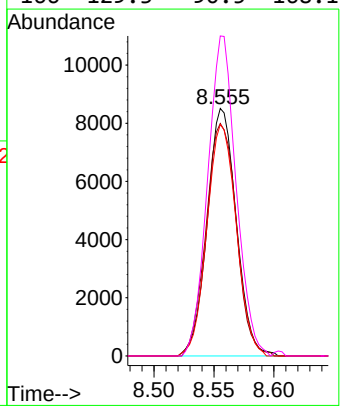


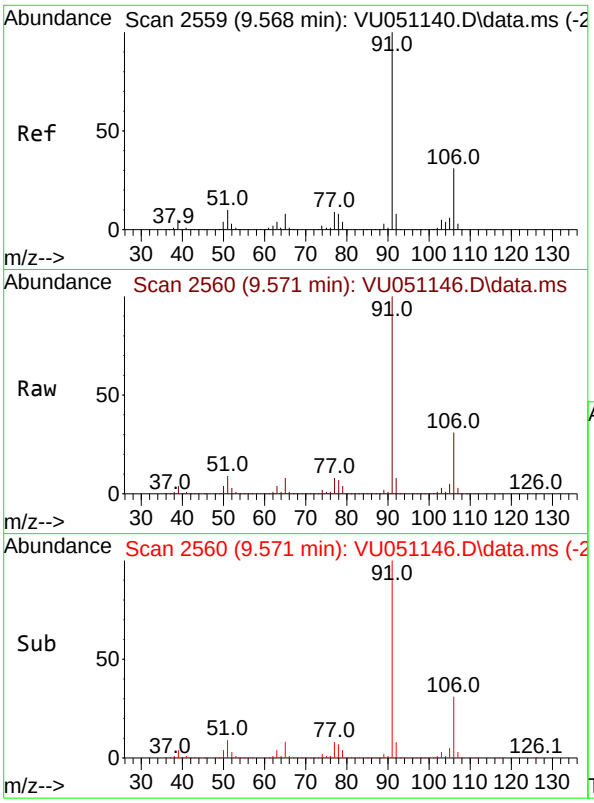


#46
Tetrachloroethene
Concen: 7.007 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion:164 Resp: 14310

Ion	Ratio	Lower	Upper
164	100		
129	93.9	68.1	126.5
131	93.6	67.8	126.0
166	129.3	90.5	168.1



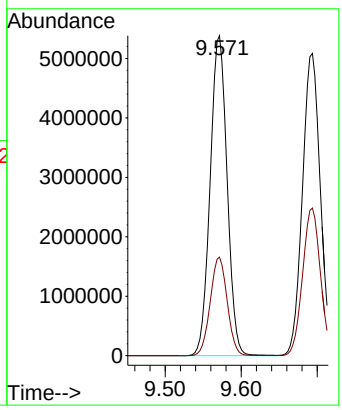


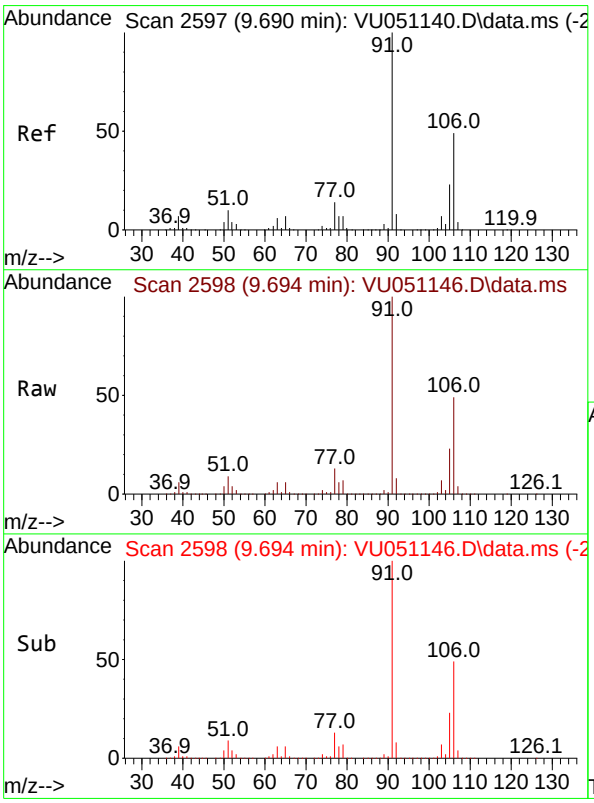
#52
Ethylbenzene
Concen: 705.535 ug/L
RT: 9.571 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion: 91 Resp: 8328462

Ion	Ratio	Lower	Upper
91	100		
106	30.8	21.7	40.3

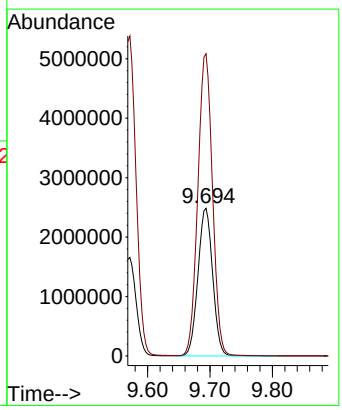


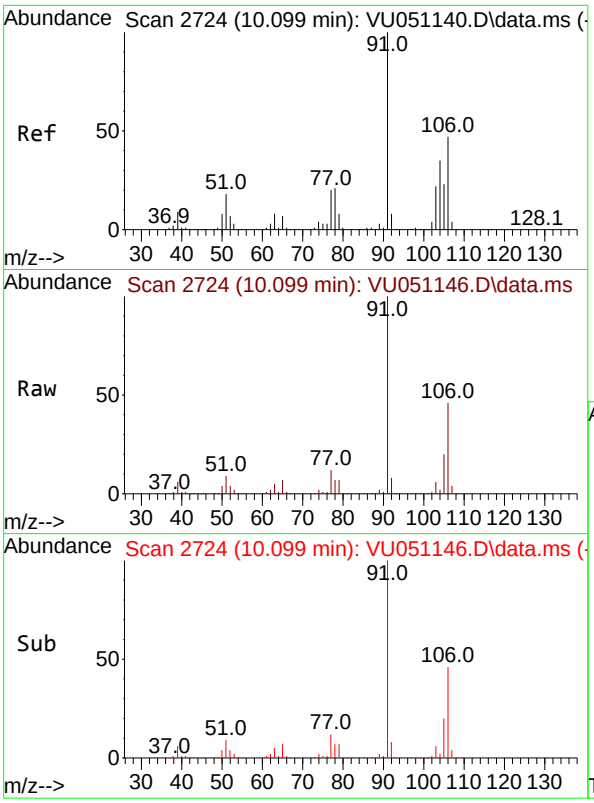


#53
m,p-Xylene
Concen: 916.874 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion:106 Resp: 4070042

Ion	Ratio	Lower	Upper
106	100		
91	204.6	141.9	263.5



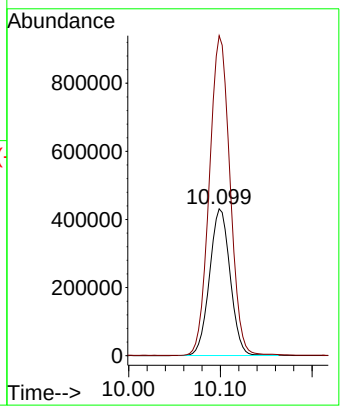


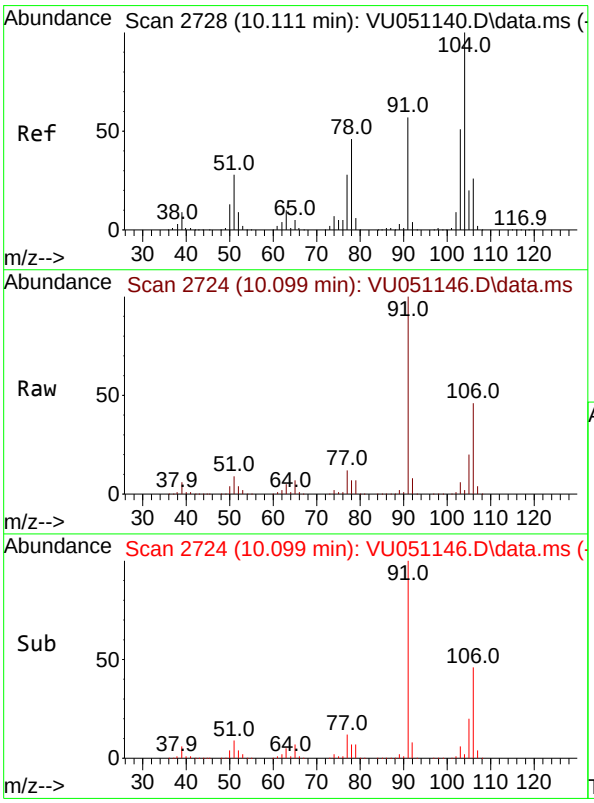
#54
o-Xylene
Concen: 151.596 ug/L
RT: 10.099 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion:106 Resp: 672623

Ion	Ratio	Lower	Upper
106	100		
91	218.0	152.4	283.0

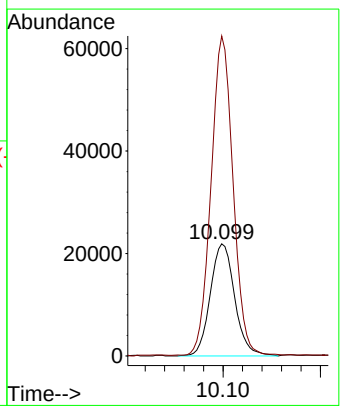


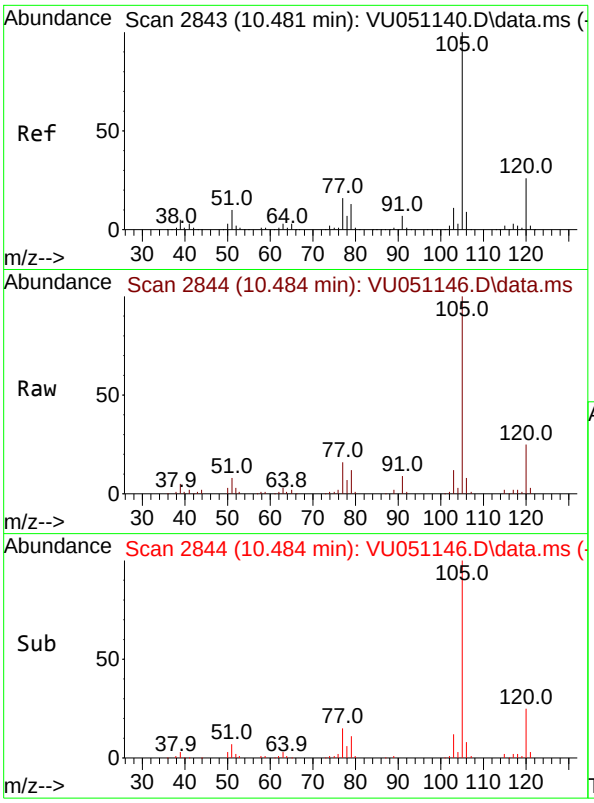


#55
Styrene
Concen: 4.969 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.013 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion:104 Resp: 38102

Ion	Ratio	Lower	Upper
104	100		
78	285.1	31.0	57.6#



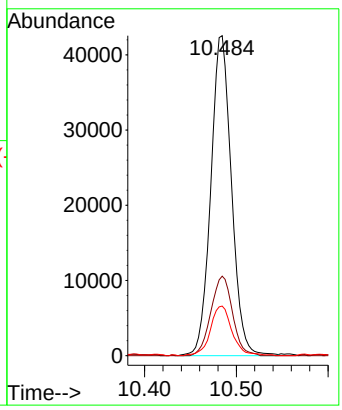


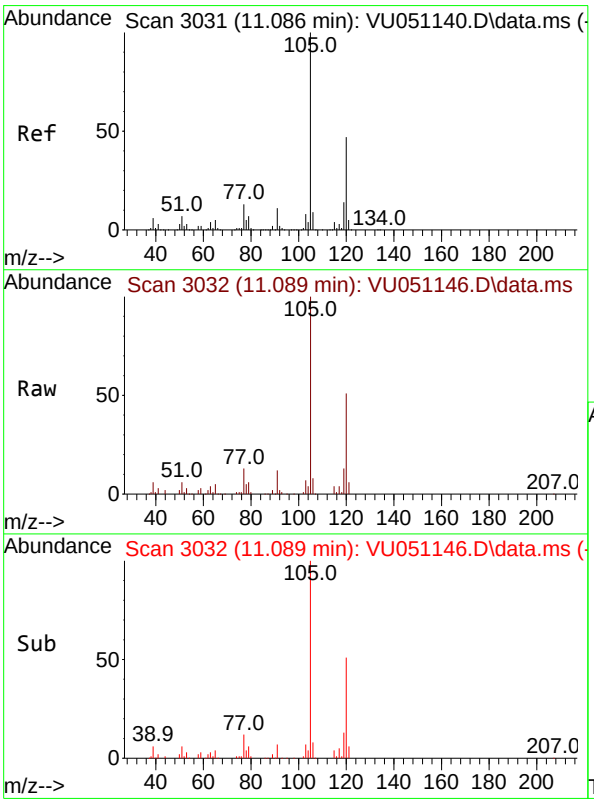
#61
Isopropylbenzene
Concen: 6.793 ug/L
RT: 10.484 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion:105 Resp: 66730

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.1	31.7
77	16.2	12.8	19.2

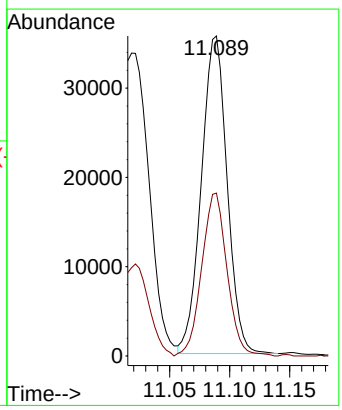


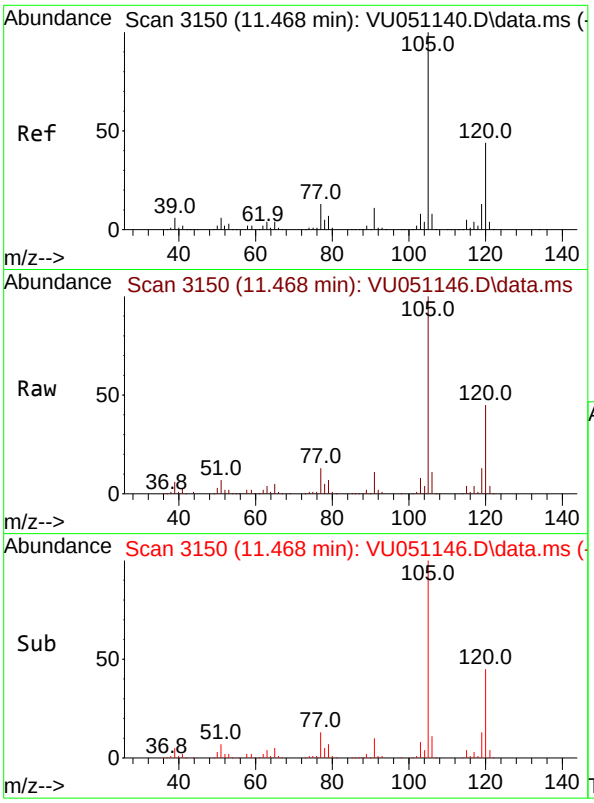


#62
1,3,5-Trimethylbenzene
Concen: 6.632 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion:105 Resp: 53274

Ion	Ratio	Lower	Upper
105	100		
120	50.3	37.8	56.8



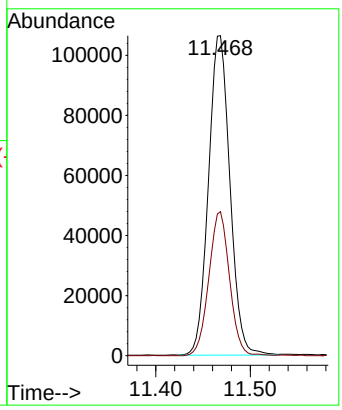


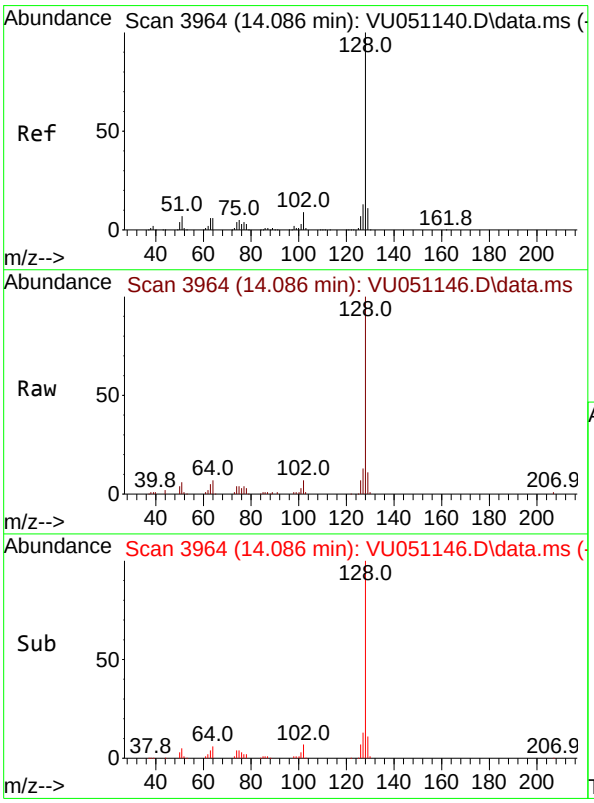
#63
1,2,4-Trimethylbenzene
Concen: 20.872 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Instrument :
MSVOA_U
ClientSampleId :
EXZ63

Tgt Ion:105 Resp: 168035

Ion	Ratio	Lower	Upper
105	100		
120	43.2	35.5	53.3





#71
Naphthalene
Concen: 9.300 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051146.D
Acq: 05 Oct 2022 23:30

Tgt Ion:128 Resp: 93530

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.8	8.6	13.0