Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 01 01:28:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	371832	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	185238	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	140152	37.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.380%			
7) Chloroethane-d5	1.903	69	129389	36.963	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.920%			
11) 1,1-Dichloroethene-d2	2.565	63	179018	32.160	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.320%			
21) 2-Butanone-d5	4.620	46	252143	103.165	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.160%			
24) Chloroform-d	5.060	84	281628	46.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.780%			
26) 1,2-Dichloroethane-d4	5.700	65	185798	49.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.880%			
32) Benzene-d6	5.726	84	545338	48.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.380%			
36) 1,2-Dichloropropane-d6	6.690	67	193186	52.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.220%			
41) Toluene-d8	7.896	98	445415	42.599	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	8.179	79	76954	43.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.860%			
47) 2-Hexanone-d5	8.632	63	136576	92.107	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.110%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	308216	48.024	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.040%			
66) 1,2-Dichlorobenzene-d4	12.192	152	207331	52.393	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.780%			
Target Compounds						Qvalue
8) Chloroethane	1.703	64	4267	1.486	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1896	0.668	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1438	0.542	ug/L #	1
13) Acetone	2.629	43	4649	2.382	ug/L	95
27) 1,2-Dichloroethane	5.771	62	11021	2.468	ug/L #	75
33) Benzene	5.771	78	1228558	104.275	ug/L	100
42) Toluene	7.967	91	73503	5.865	ug/L	93
44) trans-1,3-Dichloropropene	8.182	75	3289	0.724	ug/L	100
45) 1,1,2-Trichloroethane	8.272	97	2550	0.742	ug/L #	18
52) Ethylbenzene	9.568	91	955047	71.446	ug/L	99
53) m,p-Xylene	9.693	106	27183	5.408	ug/L	99
54) o-Xylene	10.098	106	143778	28.616	ug/L	97
55) Styrene	10.098	104	12925	1.488	ug/L #	1
61) Isopropylbenzene	10.481	105	98708	8.203	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	23207	2.359	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	25566	2.592	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.024	75	48343	33.984	ug/L #	3
71) Naphthalene	14.082	128	674345	54.740	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 01 01:28:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration

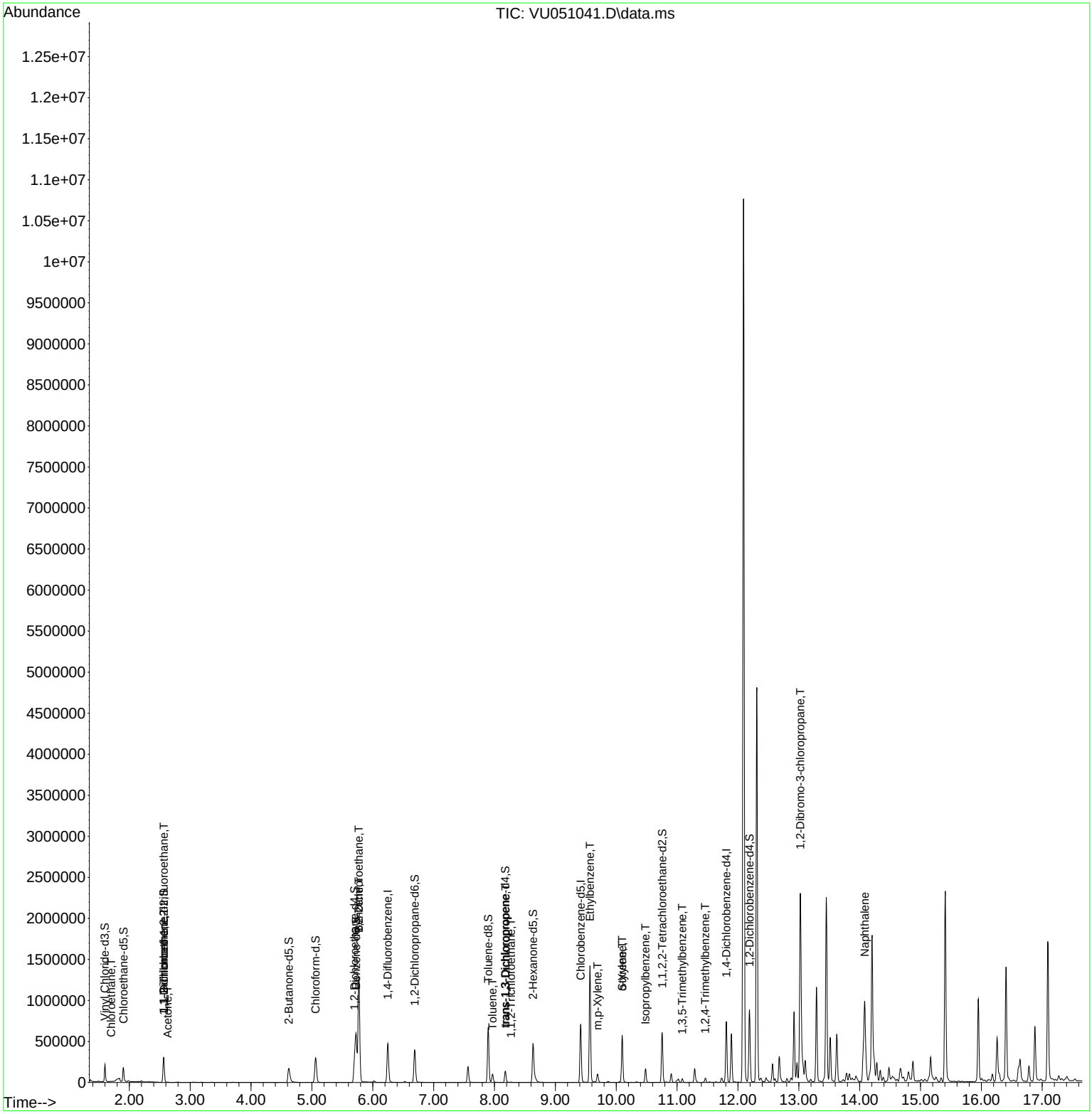
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

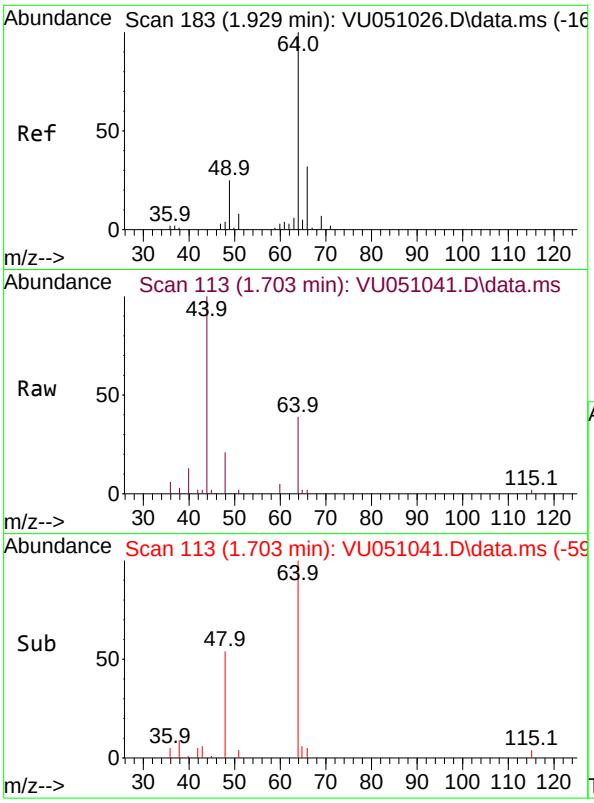
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 01 01:28:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration



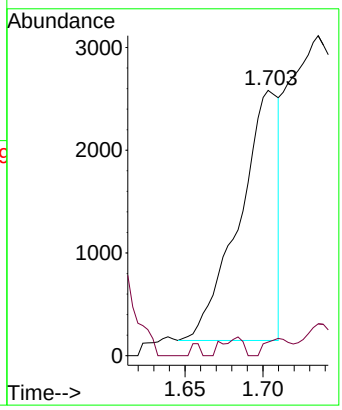


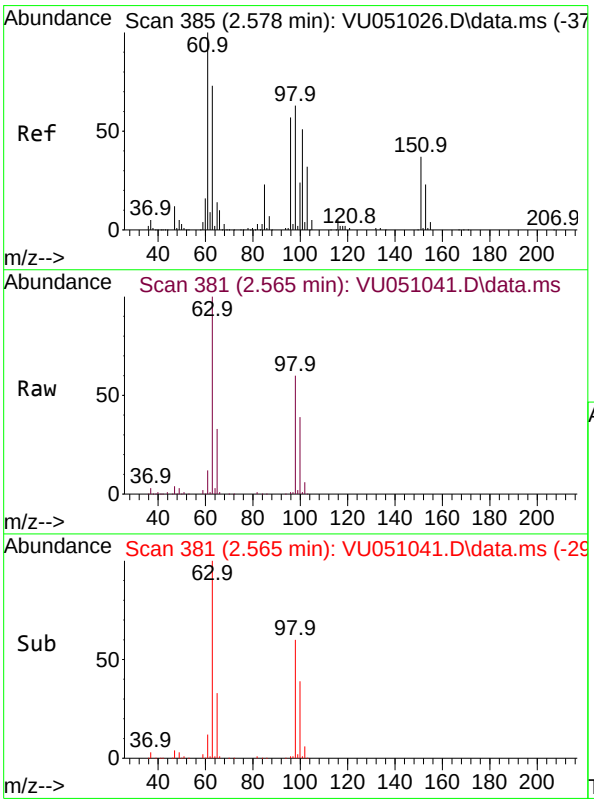
#8
Chloroethane
Concen: 1.486 ug/L
RT: 1.703 min Scan# 1
Delta R.T. -0.225 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 4267

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.3	41.3#

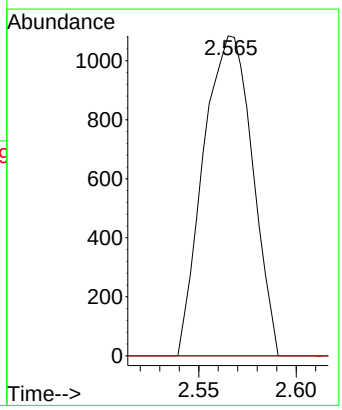


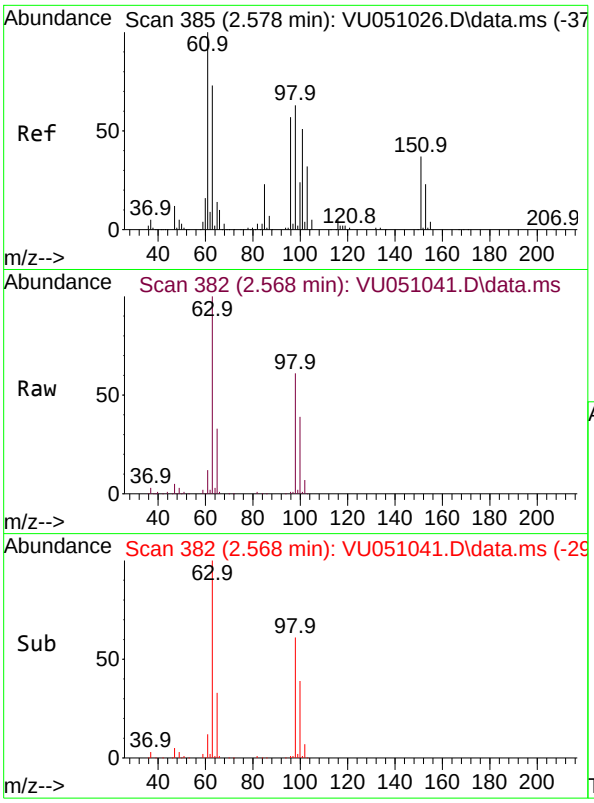


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.668 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion:101 Resp: 1896

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



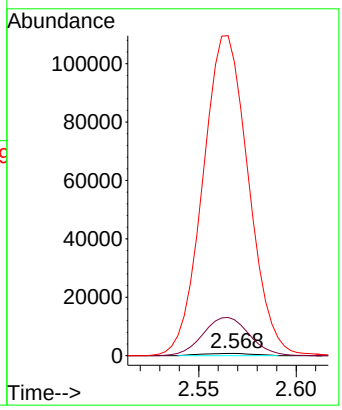


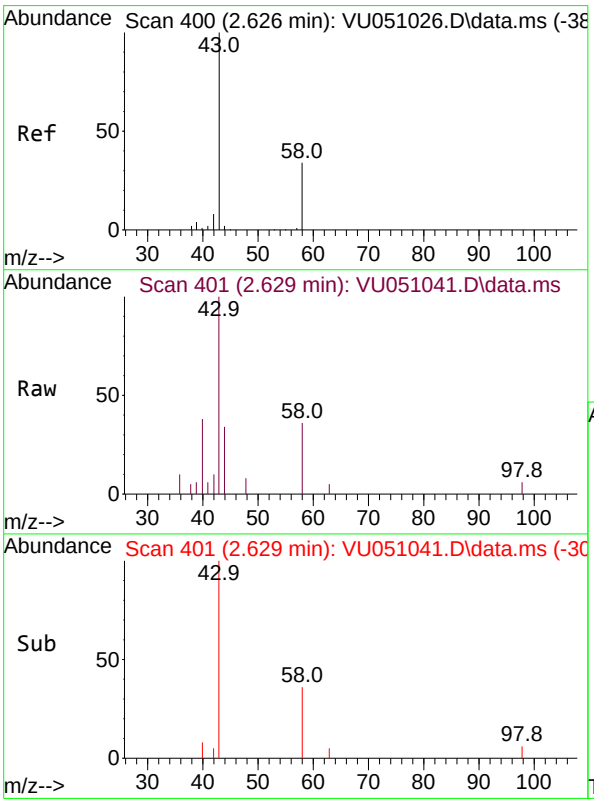
#12
1,1-Dichloroethene
Concen: 0.542 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1438

Ion	Ratio	Lower	Upper
96	100		
61	1593.0	113.0	209.9#
63	13019.4	91.7	170.3#

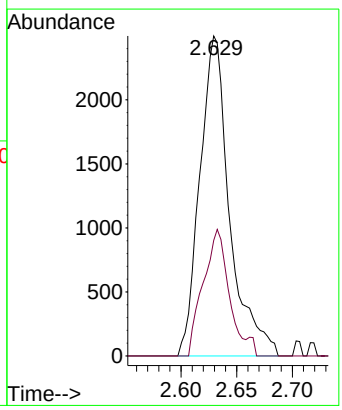


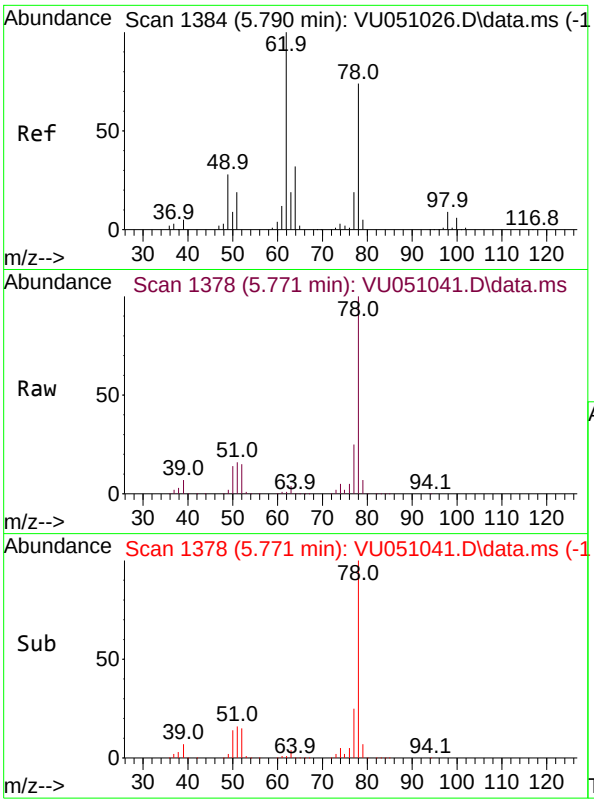


#13
Acetone
Concen: 2.382 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion: 43 Resp: 4649

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	73.6



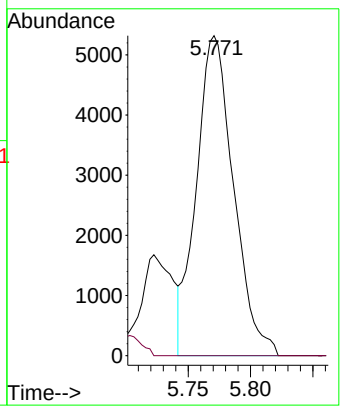


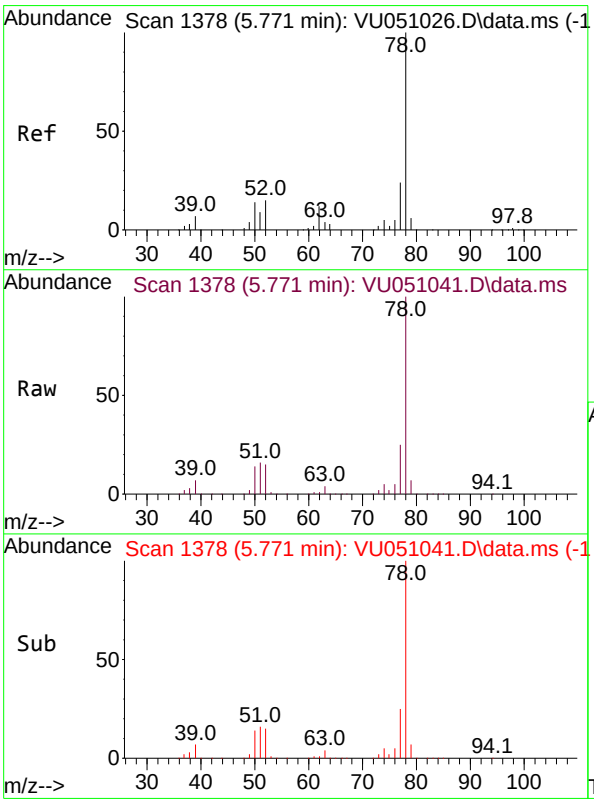
#27
1,2-Dichloroethane
Concen: 2.468 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.019 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 11021

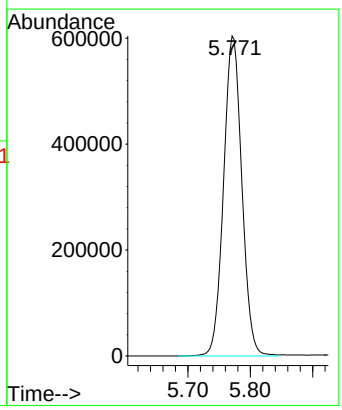
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

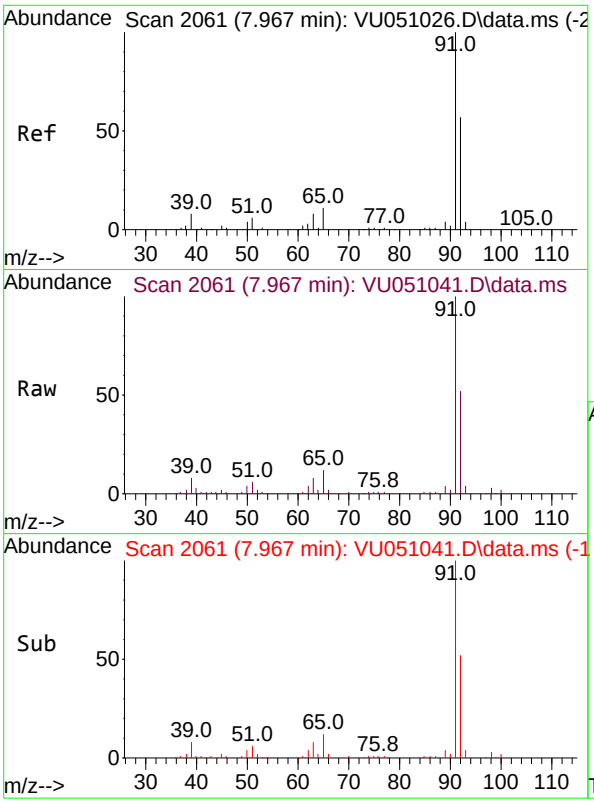




#33
Benzene
Concen: 104.275 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion: 78 Resp: 1228558



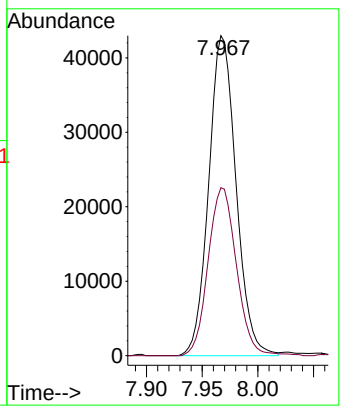


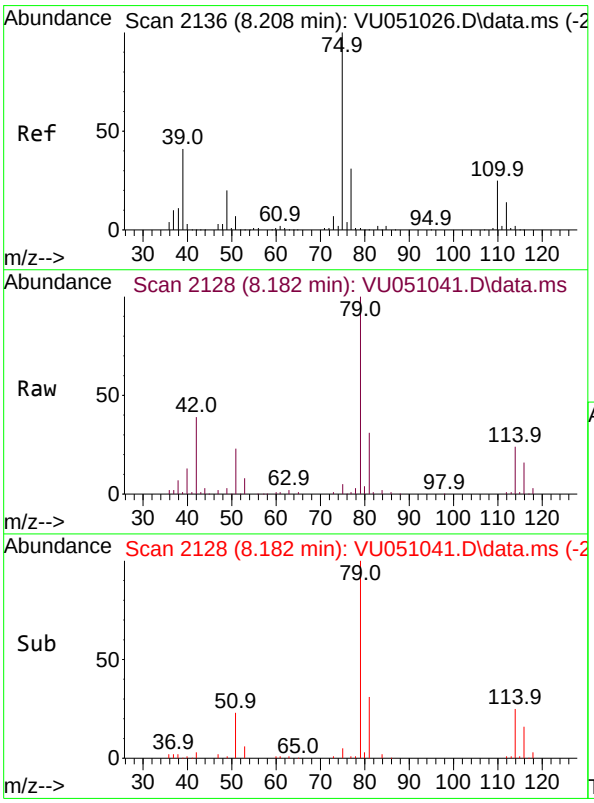
#42
Toluene
Concen: 5.865 ug/L
RT: 7.967 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 73503

Ion	Ratio	Lower	Upper
91	100		
92	52.5	40.1	74.5

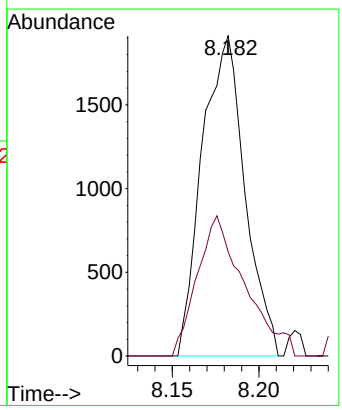


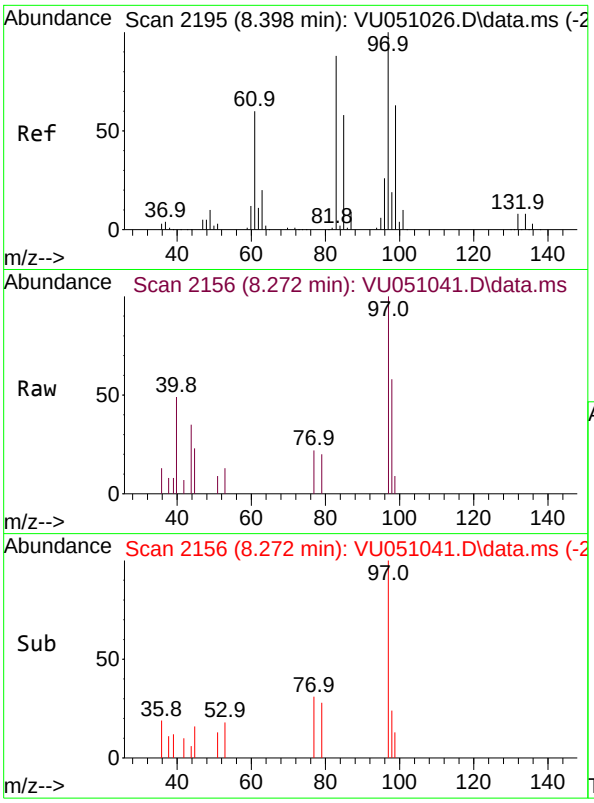


#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.026 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion: 75 Resp: 3289

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.7	42.3



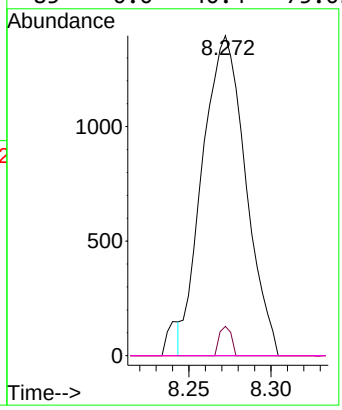


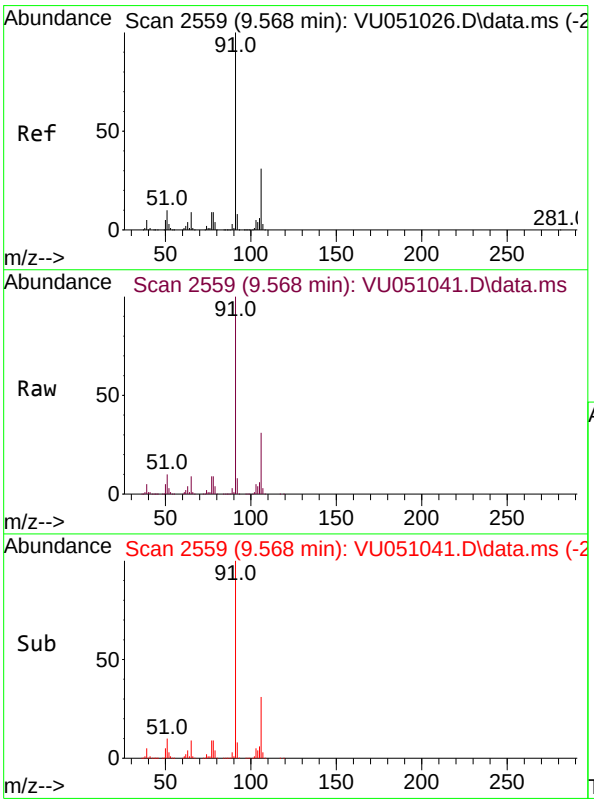
#45
1,1,2-Trichloroethane
Concen: 0.742 ug/L
RT: 8.272 min Scan# 21
Delta R.T. -0.126 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 2550

Ion	Ratio	Lower	Upper
97	100		
99	9.2	44.4	82.4#
83	0.0	61.7	114.5#
85	0.0	40.4	75.0#

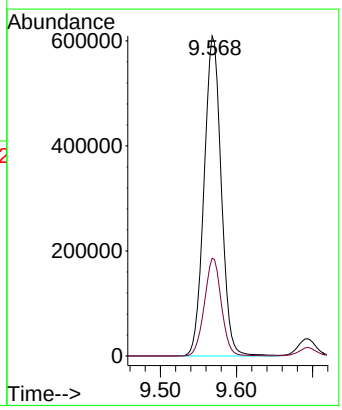


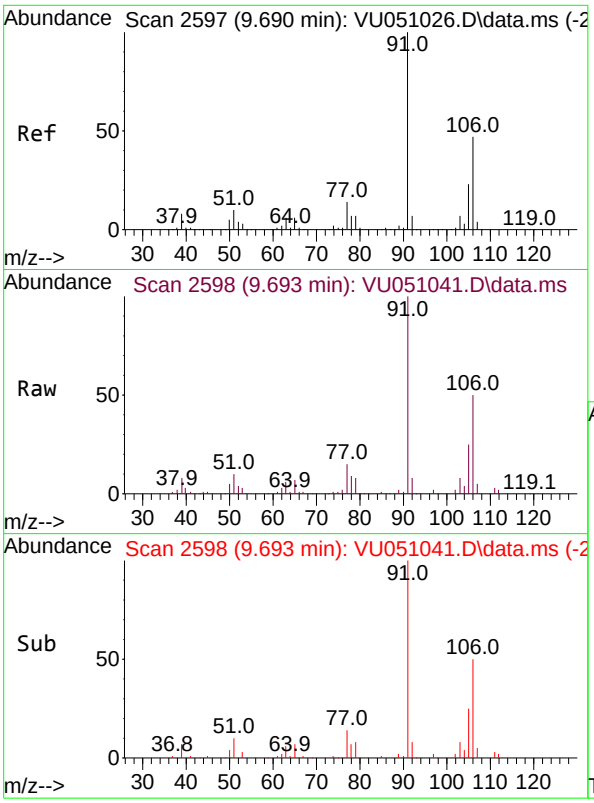


#52
Ethylbenzene
Concen: 71.446 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion: 91 Resp: 955047

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.7	40.3



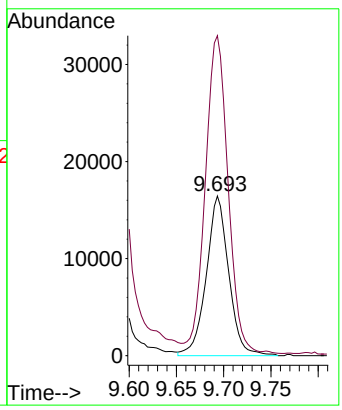


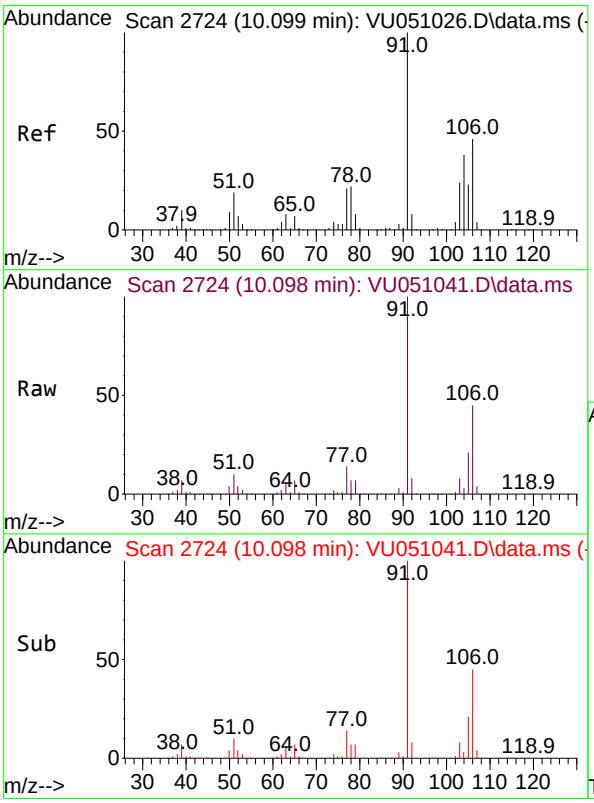
#53
m,p-Xylene
Concen: 5.408 ug/L
RT: 9.693 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 27183

Ion	Ratio	Lower	Upper
106	100		
91	200.4	141.9	263.5

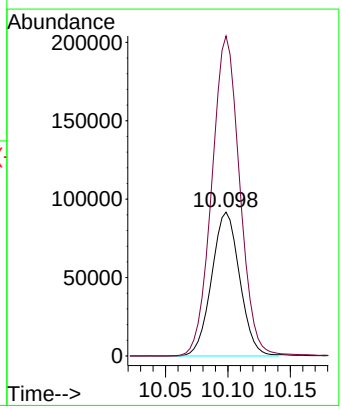


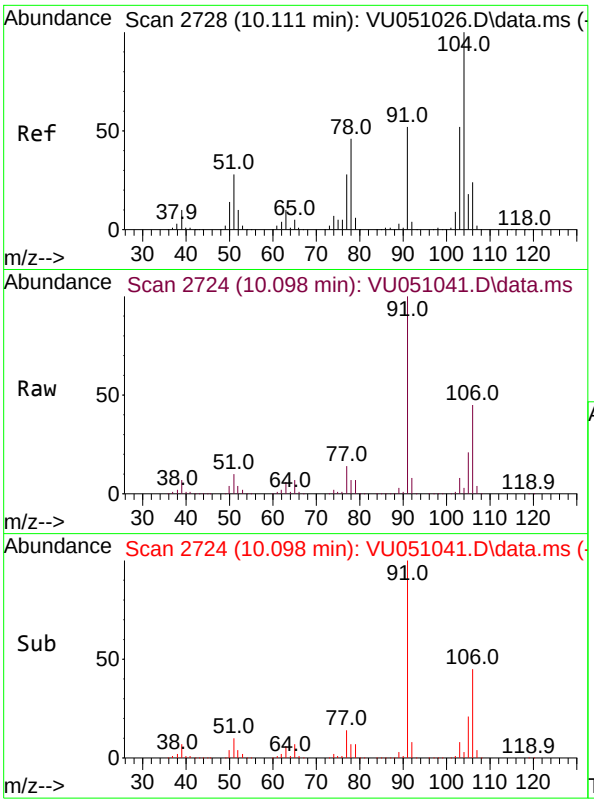


#54
o-Xylene
Concen: 28.616 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion:106 Resp: 143778

Ion	Ratio	Lower	Upper
106	100		
91	222.4	152.4	283.0



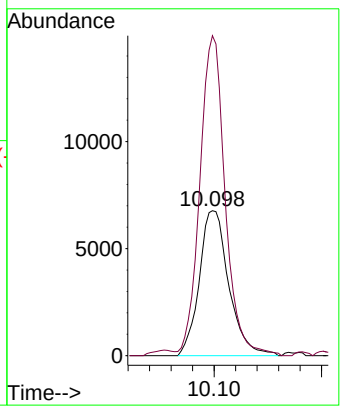


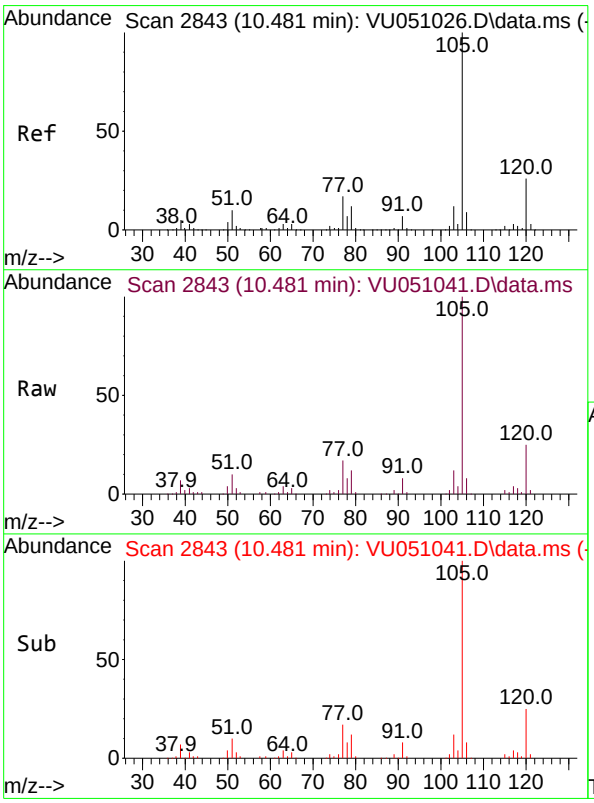
#55
Styrene
Concen: 1.488 ug/L
RT: 10.098 min Scan# 2
Delta R.T. -0.013 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 12925

Ion	Ratio	Lower	Upper
104	100		
78	220.7	31.0	57.6#

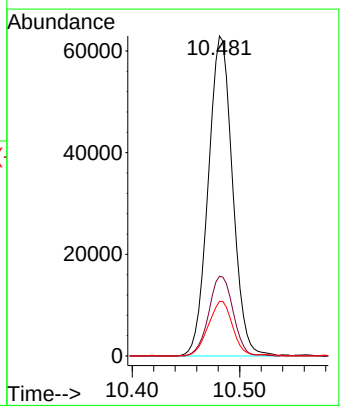


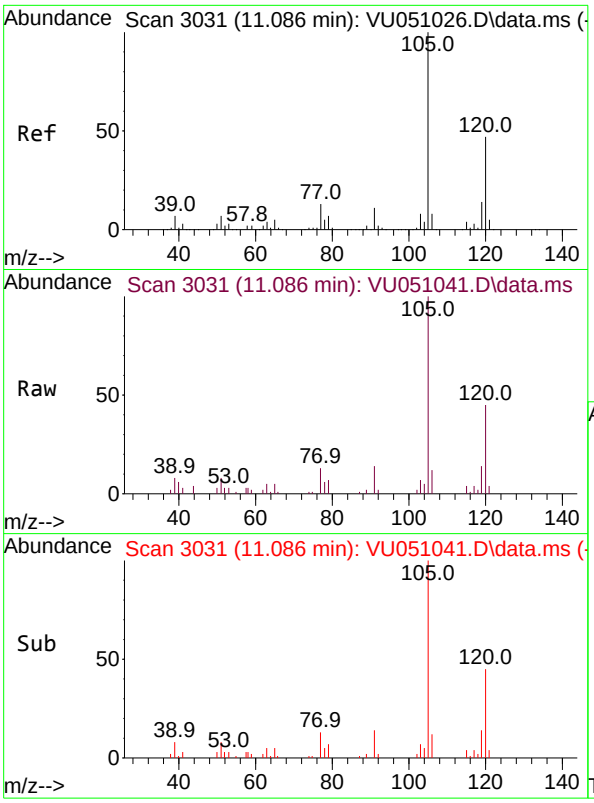


#61
Isopropylbenzene
Concen: 8.203 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion:105 Resp: 98708

Ion	Ratio	Lower	Upper
105	100		
120	25.1	21.1	31.7
77	17.1	12.8	19.2



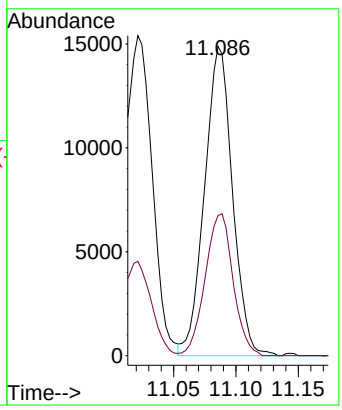


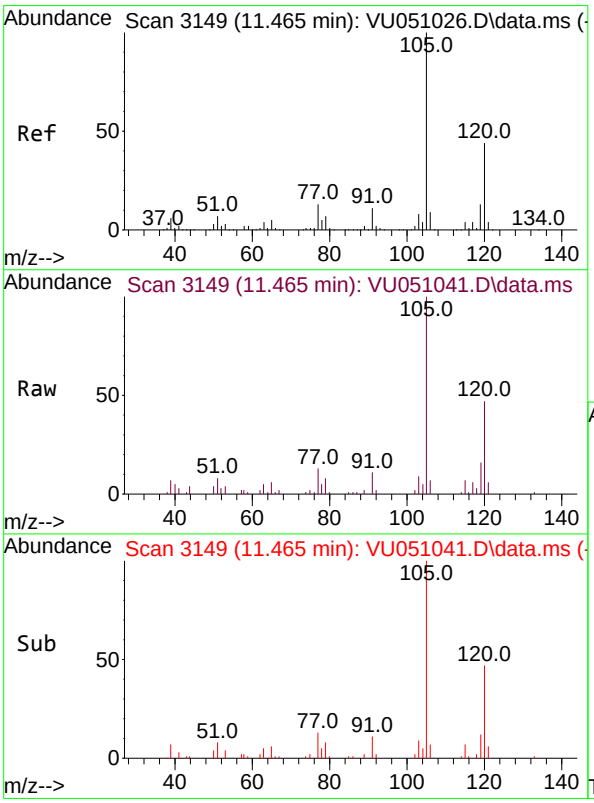
#62
1,3,5-Trimethylbenzene
Concen: 2.359 ug/L
RT: 11.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 23207

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.8	56.8

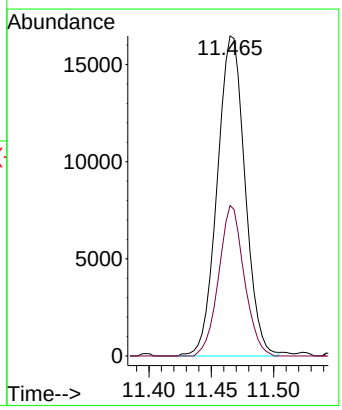


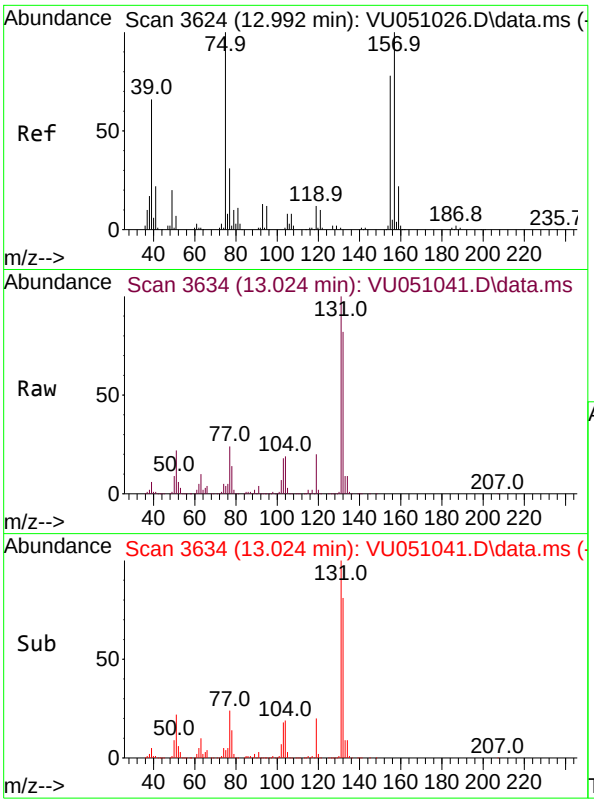


#63
1,2,4-Trimethylbenzene
Concen: 2.592 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion:105 Resp: 25566

Ion	Ratio	Lower	Upper
105	100		
120	43.1	35.5	53.3



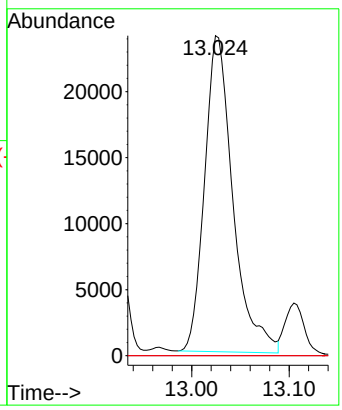


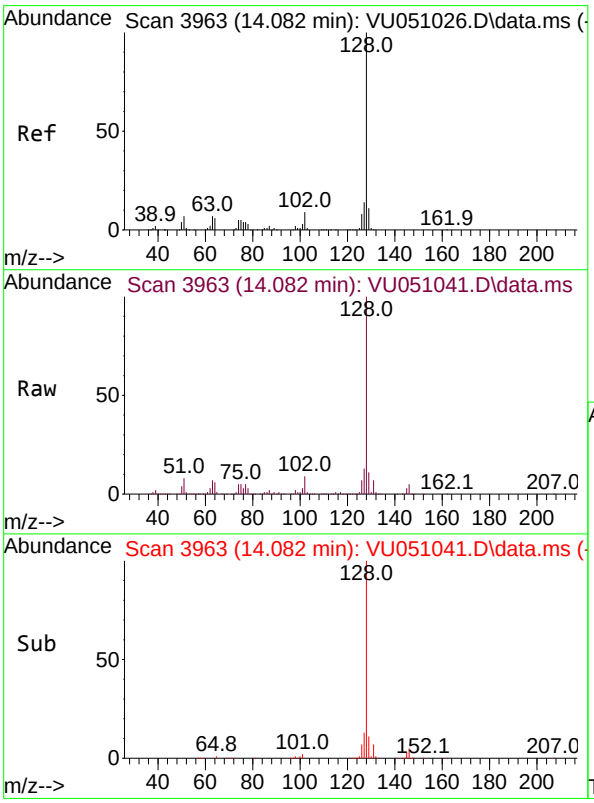
#68
1,2-Dibromo-3-chloropropane
Concen: 33.984 ug/L
RT: 13.024 min Scan# 3
Delta R.T. 0.032 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 48343

Ion	Ratio	Lower	Upper
75	100		
155	0.0	64.4	96.6#
157	0.0	82.2	123.2#





#71
Naphthalene
Concen: 54.740 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion:128 Resp: 674345

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	11.2	8.6	13.0