Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057081.D
Acq On : 20 Dec 2023 10:51
Operator : MD/SY
Sample : 05771-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Quant Time: Dec 20 23:42:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 23:41:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	160395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39588	2.879	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.600%			
7) Chloroethane-d5	1.907	69	41205	4.005	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.200%			
11) 1,1-Dichloroethene-d2	2.563	65	16674	2.835	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.600%#			
20) 2-Butanone-d5	4.618	46	197372	72.693	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 145.380%#			
24) Chloroform-d	5.055	84	107026	4.111	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
26) 1,2-Dichloroethane-d4	5.695	65	51788	4.204	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
32) Benzene-d6	5.721	84	179867	3.795	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.000%			
36) 1,2-Dichloropropane-d6	6.685	67	59194	3.991	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.800%			
41) Toluene-d8	7.894	98	146860	3.467	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.400%#			
43) trans-1,3-Dichloroprop...	8.177	79	16226	2.821	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 56.400%			
46) 2-Hexanone-d5	8.627	63	83945	38.693	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.380%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45730	4.261	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	60970	4.426	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4263	0.258	ug/L	95
13) Acetone	2.624	43	21514	13.002	ug/L	85
14) Carbon disulfide	2.788	76	28037	0.621	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	25023	0.867	ug/L #	77
22) cis-1,2-Dichloroethene	4.660	96	51398	3.578	ug/L	93
33) Benzene	5.769	78	306243	5.703	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	19810	3.037	ug/L	99
42) Toluene	7.965	91	65694	1.182	ug/L	100
51) Chlorobenzene	9.441	112	2130291	60.160	ug/L	99
52) Ethylbenzene	9.566	91	28899	0.472	ug/L	96
53) m,p-Xylene	9.688	106	30815	1.350	ug/L	91
54) o-Xylene	10.100	106	11642	0.535	ug/L	99
60) Isopropylbenzene	10.479	105	53471	0.966	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.084	105	15862	0.351	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	111985	2.492	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	147457	5.717	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	3658	0.153	ug/L #	87

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057081.D
Acq On : 20 Dec 2023 10:51
Operator : MD/SY
Sample : 05771-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Quant Time: Dec 20 23:42:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 23:41:59 2023
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\VU122023\
Data File : VU057081.D
Acq On : 20 Dec 2023 10:51
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Quant Title : TRACE VOA SFAM1.0
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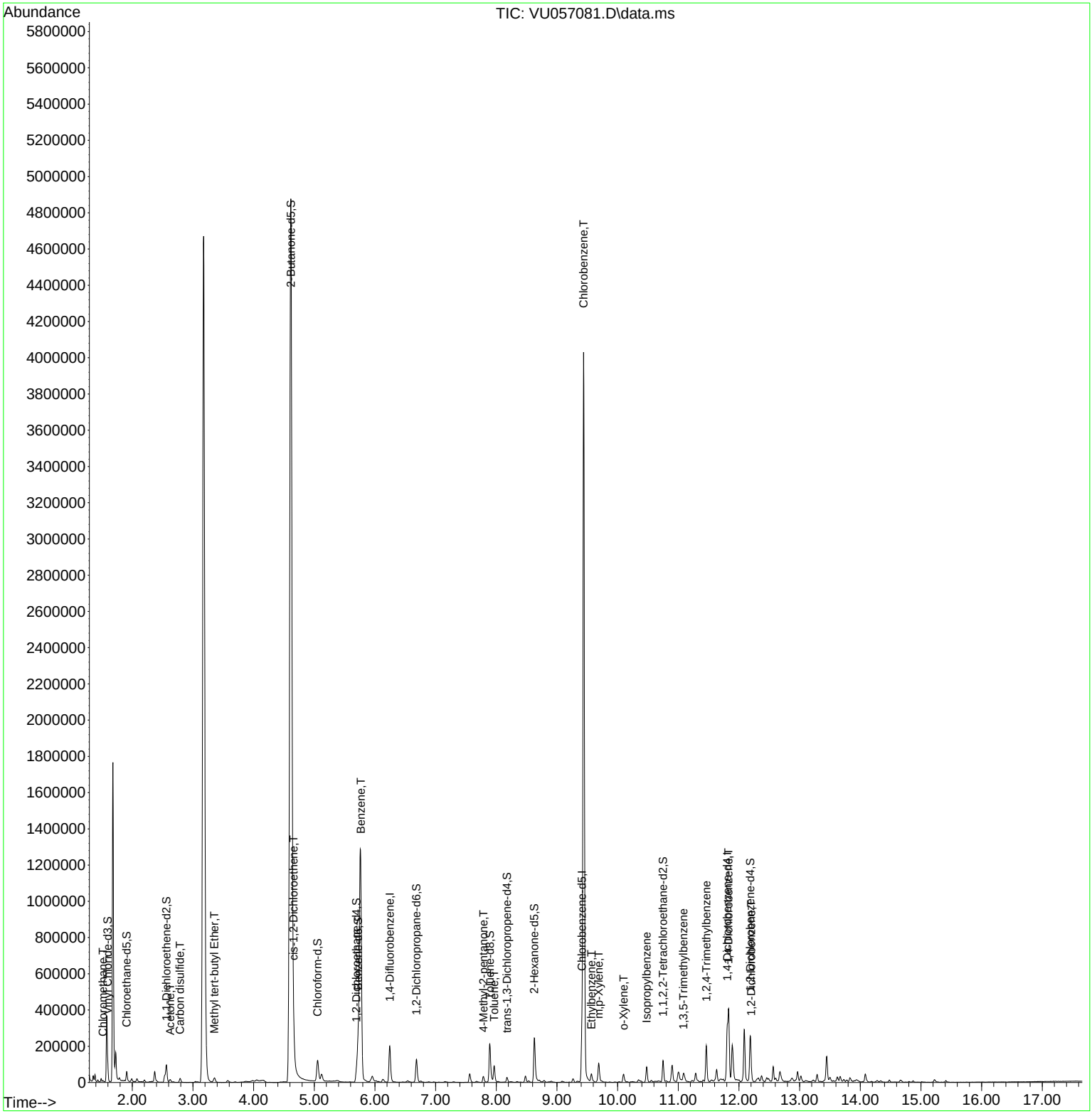
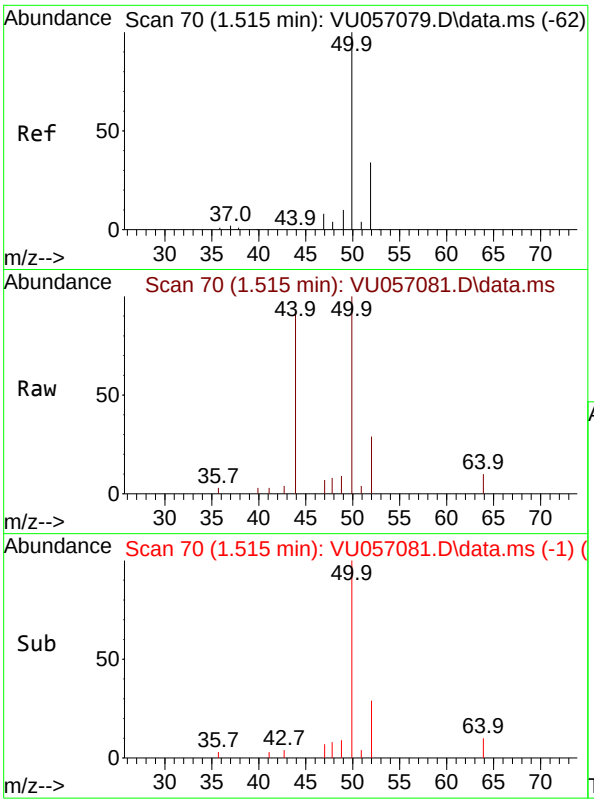


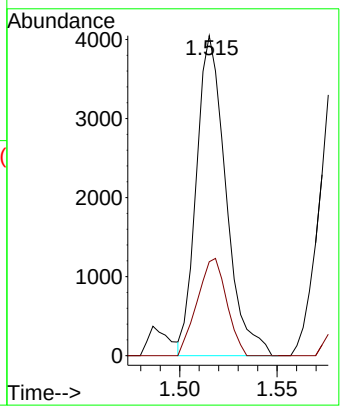


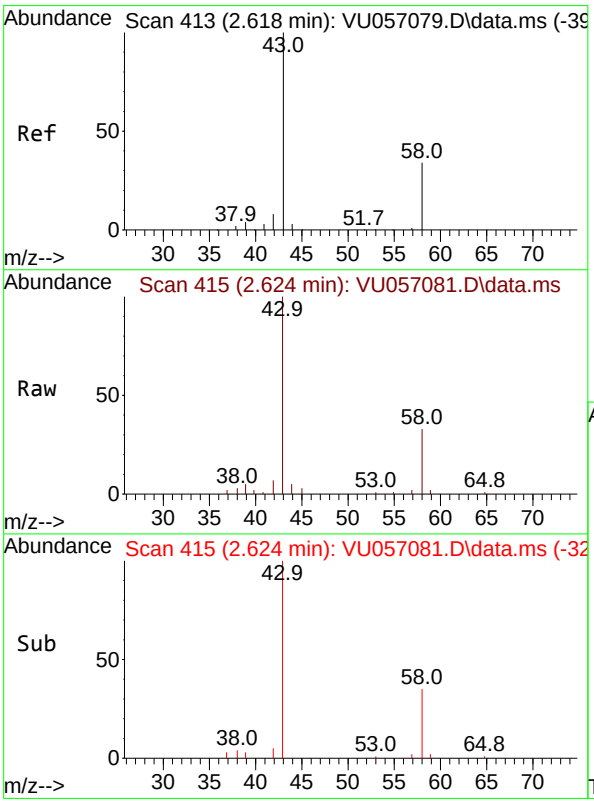
#3
Chloromethane
Concen: 0.258 ug/L
RT: 1.515 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion: 50 Resp: 4263

Ion	Ratio	Lower	Upper
50	100		
52	29.4	22.5	41.7

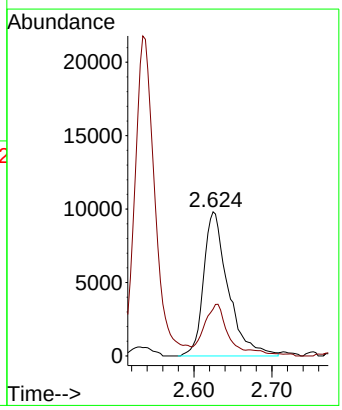


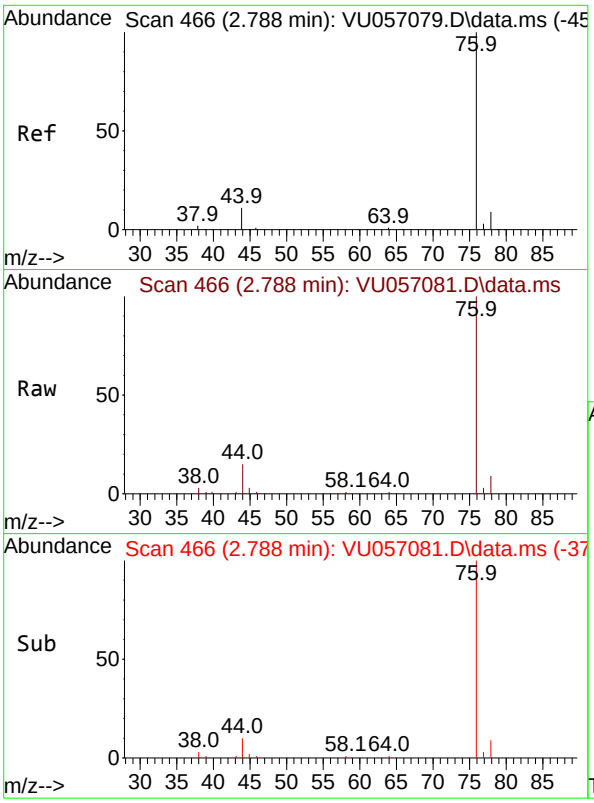


#13
Acetone
Concen: 13.002 ug/L
RT: 2.624 min Scan# 415
Delta R.T. 0.007 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion: 43 Resp: 21514

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	72.6



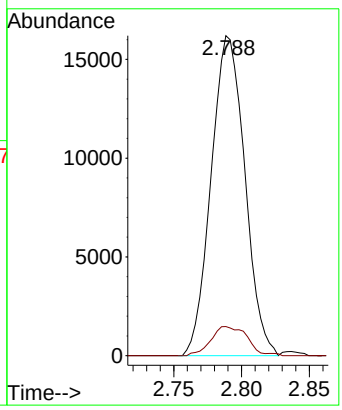


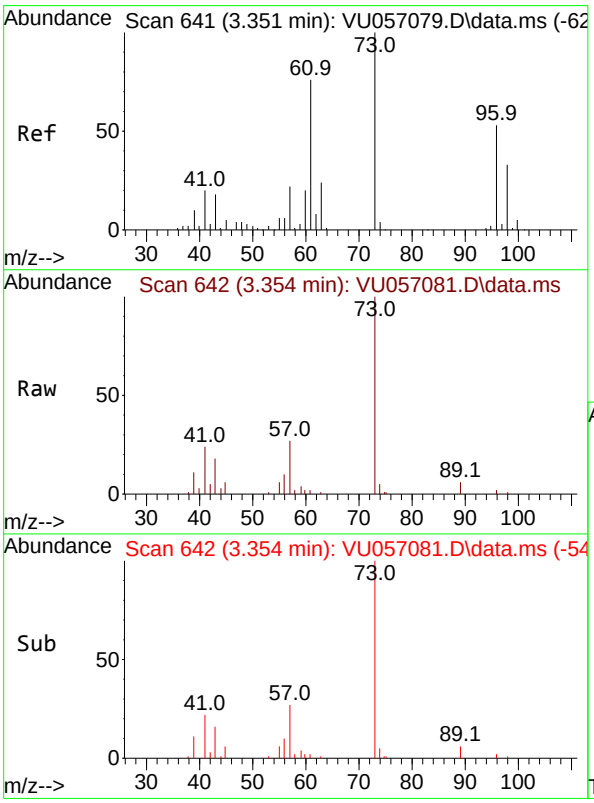
#14
Carbon disulfide
Concen: 0.621 ug/L
RT: 2.788 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion: 76 Resp: 28037

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

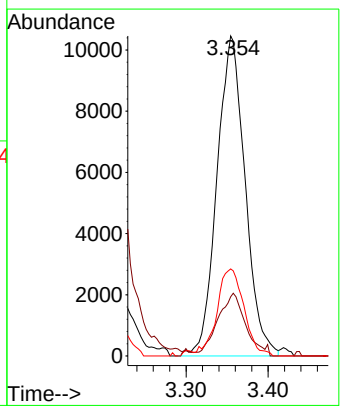


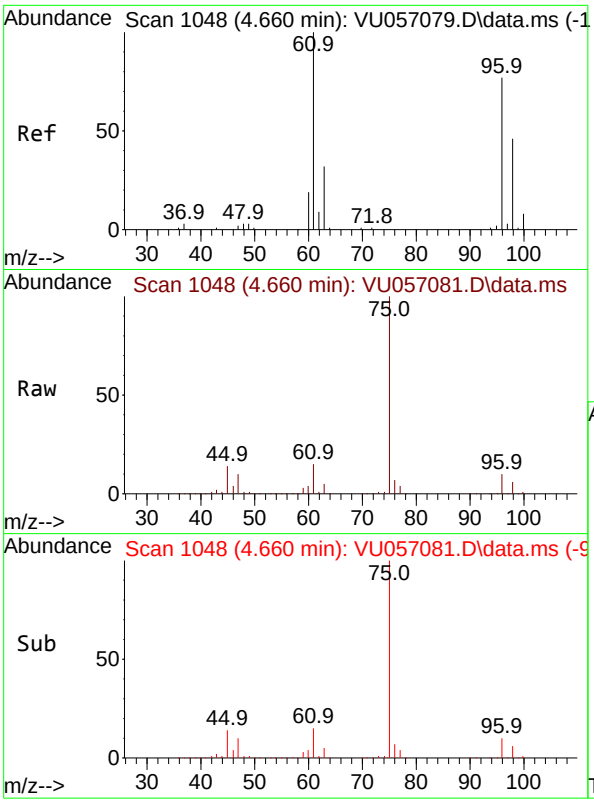


#17
Methyl tert-butyl Ether
Concen: 0.867 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion: 73 Resp: 25023

Ion	Ratio	Lower	Upper
73	100		
43	0.0	14.4	21.6#
57	26.1	17.8	26.8



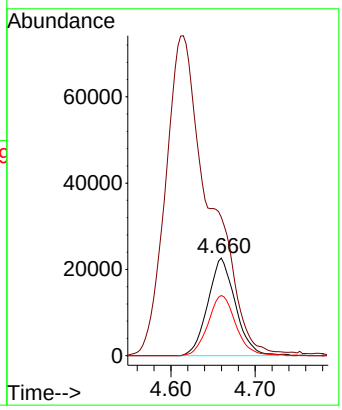


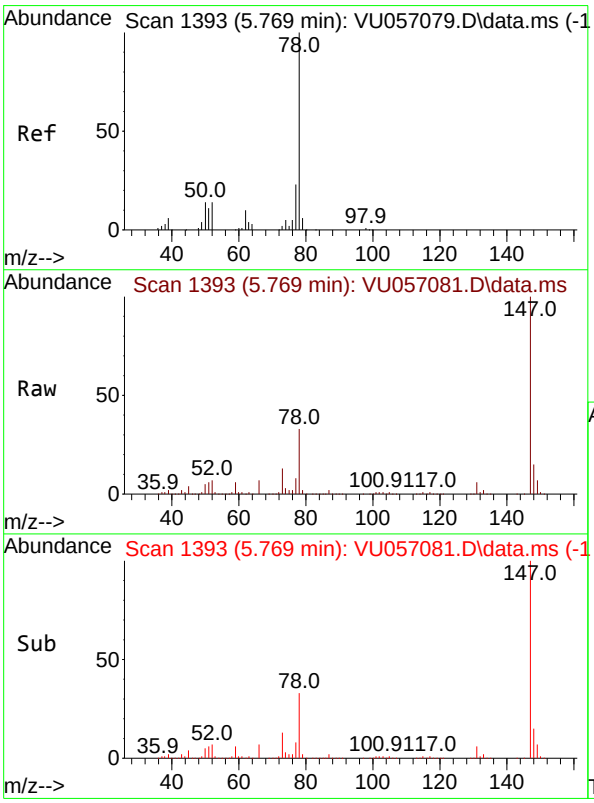
#22
cis-1,2-Dichloroethene
Concen: 3.578 ug/L
RT: 4.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion: 96 Resp: 51398

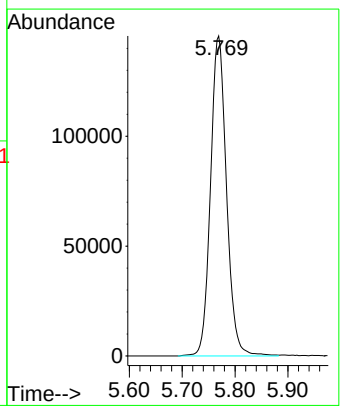
Ion	Ratio	Lower	Upper
96	100		
61	142.0	91.3	169.6
98	61.7	44.2	82.0

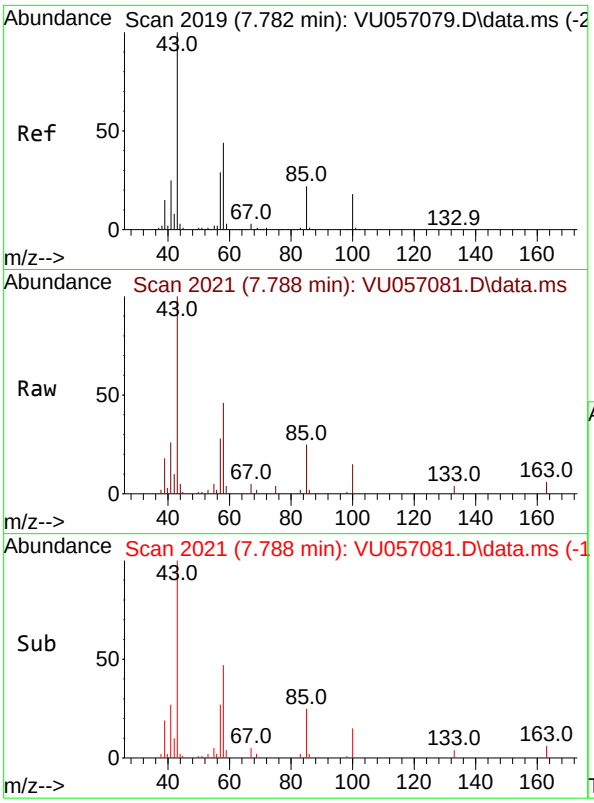




#33
Benzene
Concen: 5.703 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion: 78 Resp: 306243



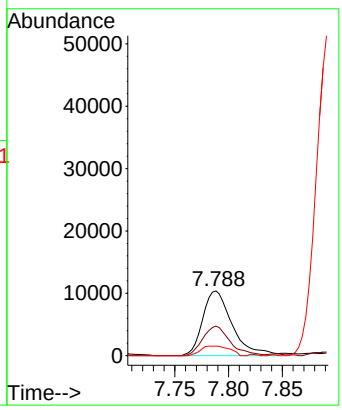


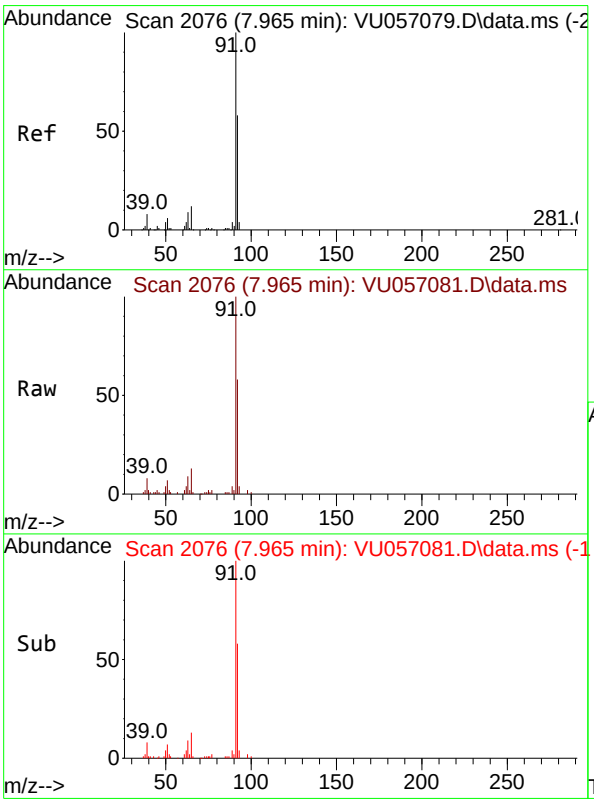
#40
4-Methyl-2-pentanone
Concen: 3.037 ug/L
RT: 7.788 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion: 43 Resp: 19810

Ion	Ratio	Lower	Upper
43	100		
58	42.2	33.7	50.5
100	14.5	13.0	19.4

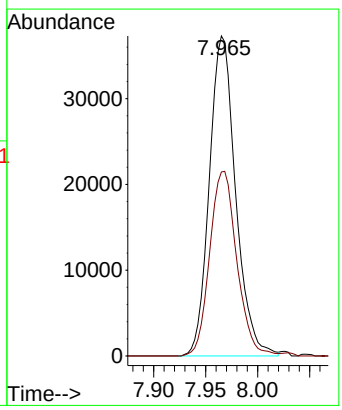


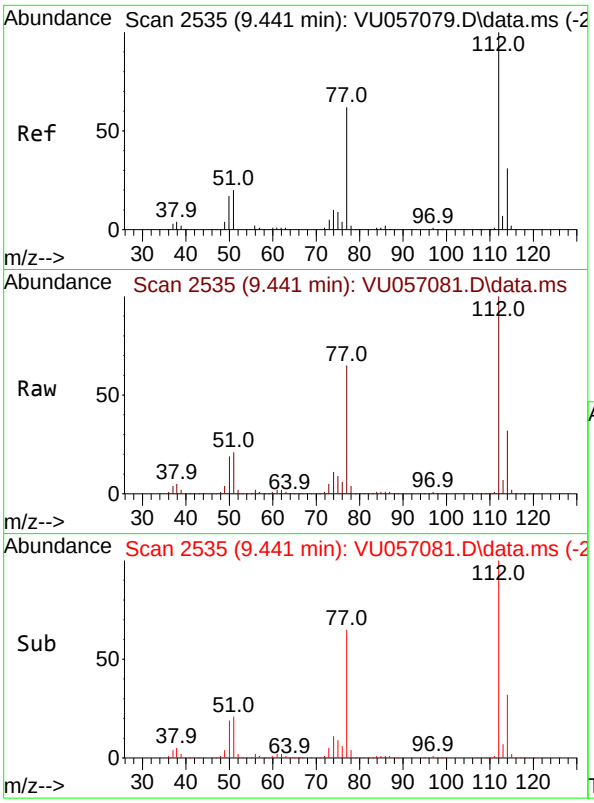


#42
Toluene
Concen: 1.182 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion: 91 Resp: 65694

Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.4	75.0



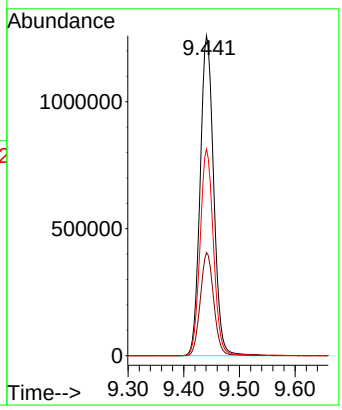


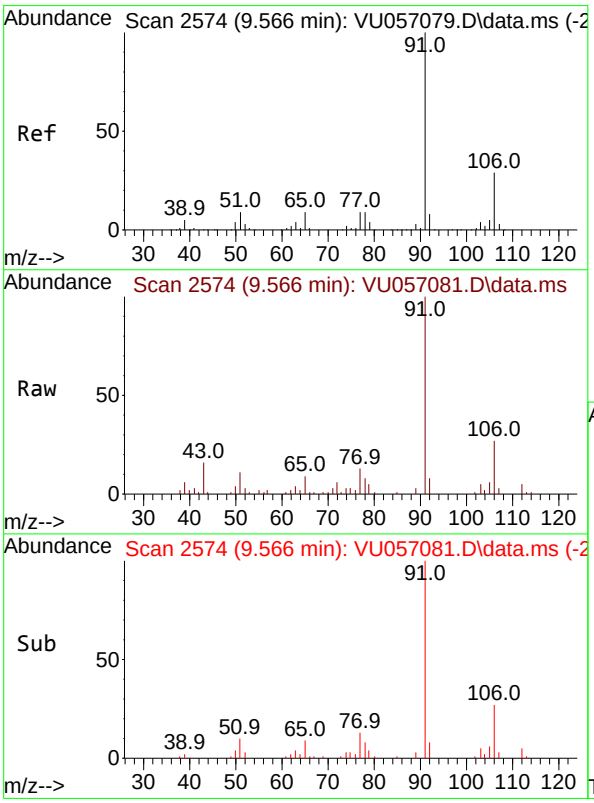
#51
Chlorobenzene
Concen: 60.160 ug/L
RT: 9.441 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion:112 Resp: 2130291

Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.9	40.7
77	64.6	51.6	77.4

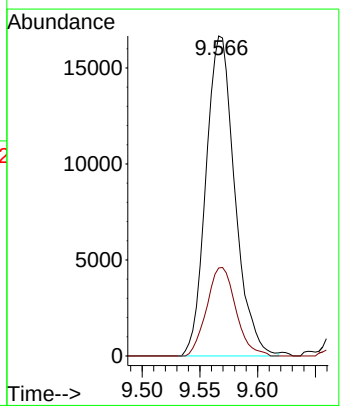


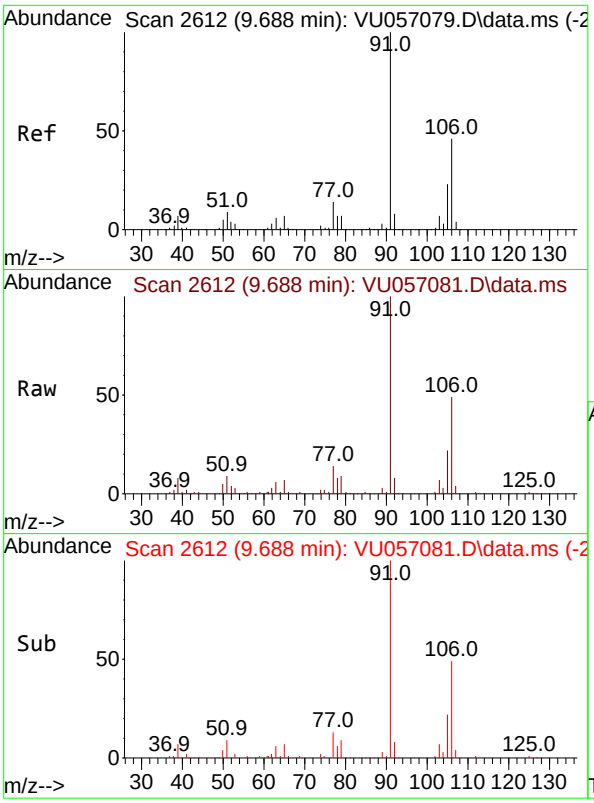


#52
Ethylbenzene
Concen: 0.472 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion: 91 Resp: 28899

Ion	Ratio	Lower	Upper
91	100		
106	27.5	20.6	38.4



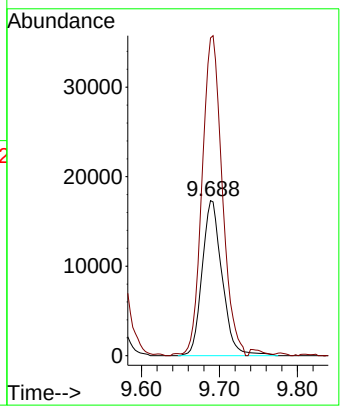


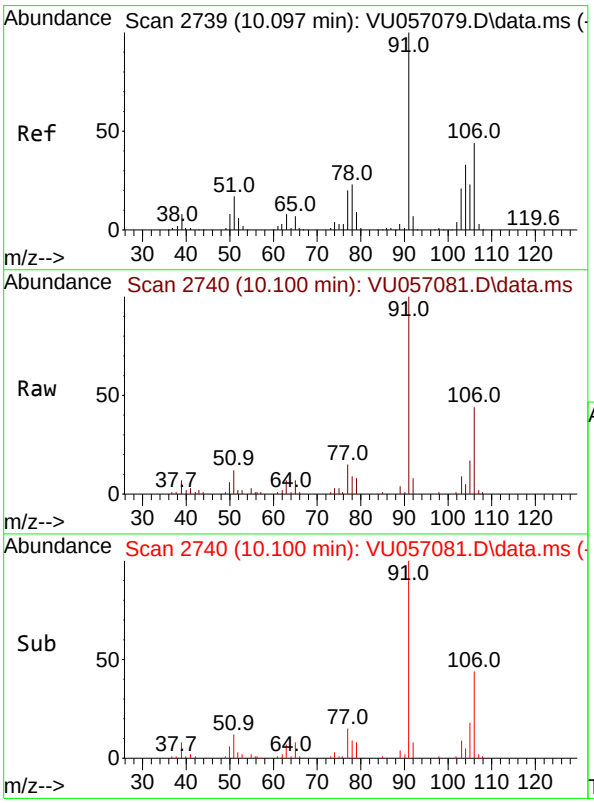
#53
m,p-Xylene
Concen: 1.350 ug/L
RT: 9.688 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion:106 Resp: 30815

Ion	Ratio	Lower	Upper
106	100		
91	205.0	154.0	286.0

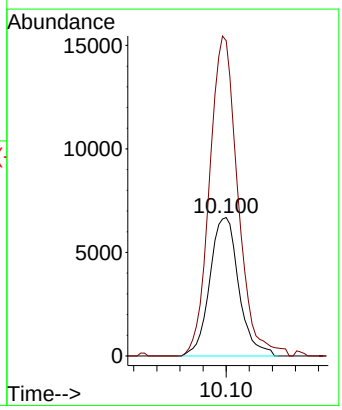


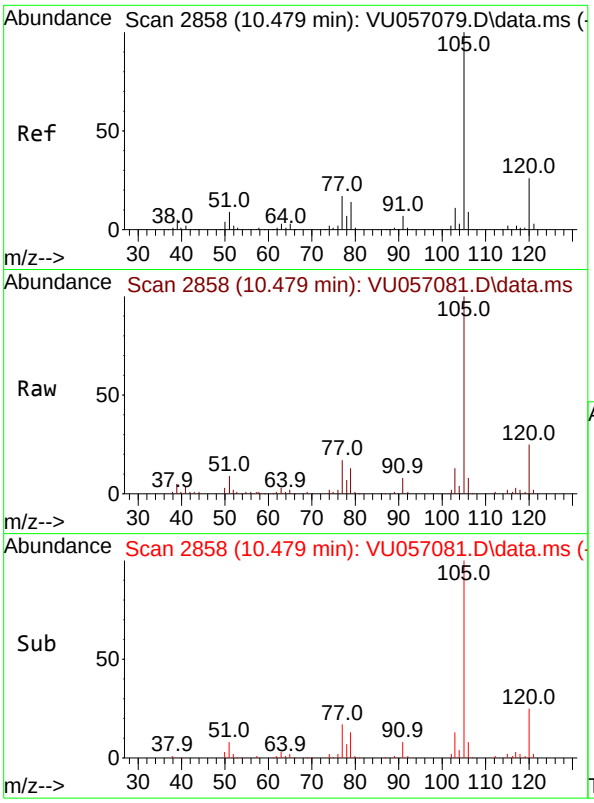


#54
o-Xylene
Concen: 0.535 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion:106 Resp: 11642

Ion	Ratio	Lower	Upper
106	100		
91	227.8	160.2	297.6



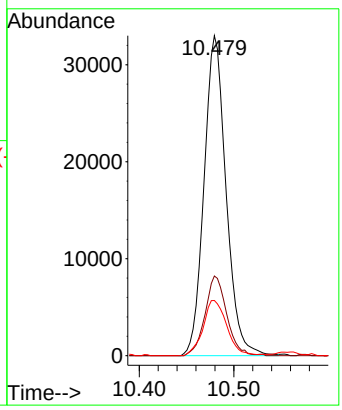


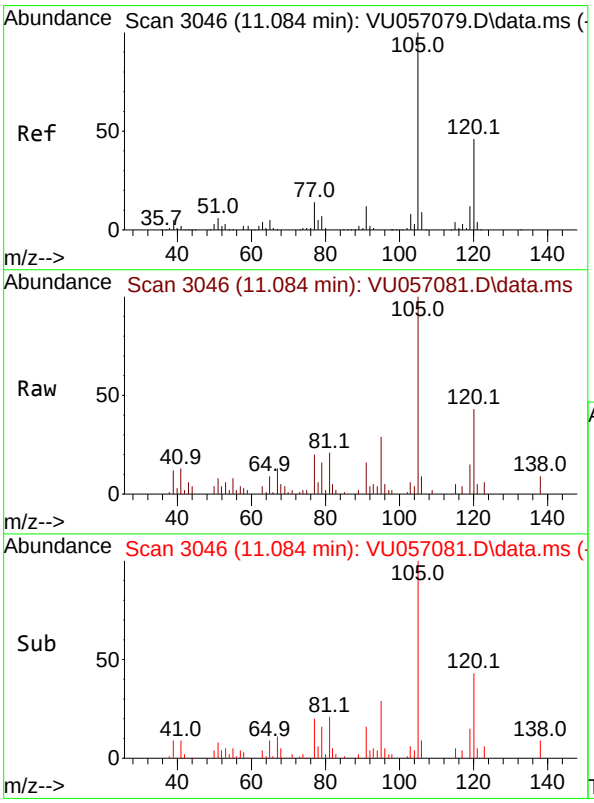
#60
Isopropylbenzene
Concen: 0.966 ug/L
RT: 10.479 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion:105 Resp: 53471

Ion	Ratio	Lower	Upper
105	100		
120	24.5	20.1	30.1
77	0.0	13.2	19.8#

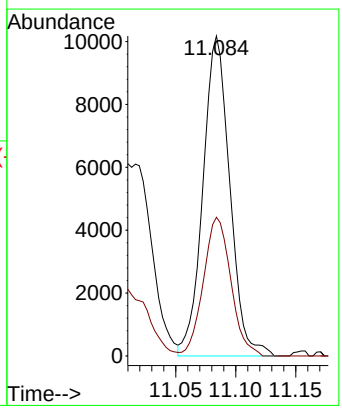


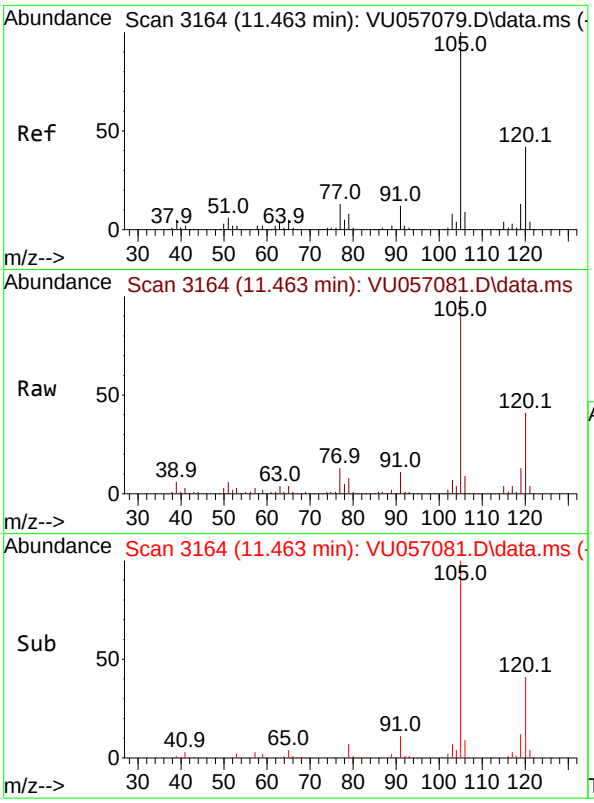


#62
1,3,5-Trimethylbenzene
Concen: 0.351 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion:105 Resp: 15862

Ion	Ratio	Lower	Upper
105	100		
120	44.4	36.8	55.2



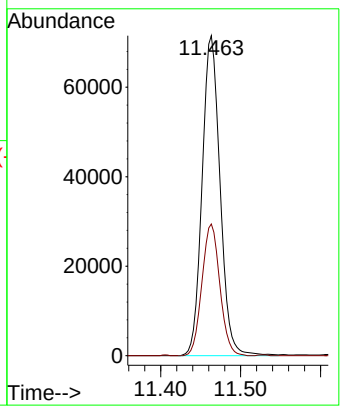


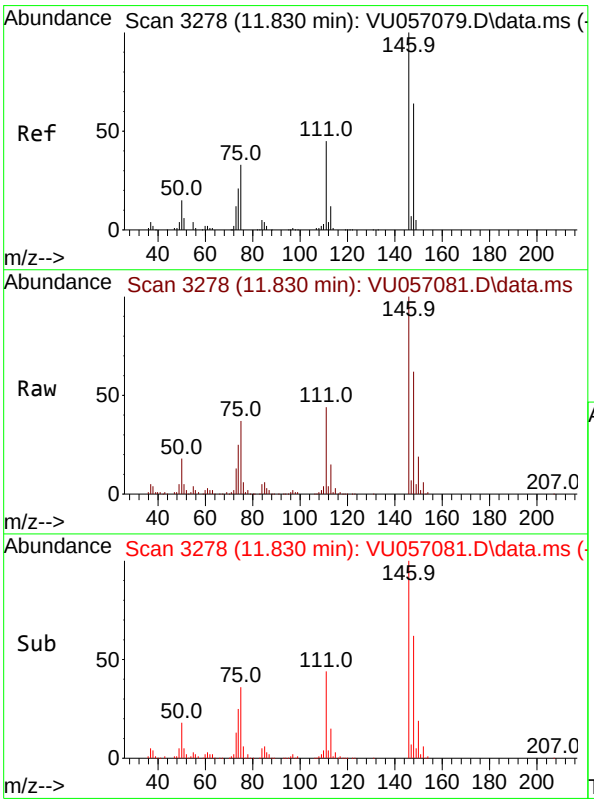
#63
1,2,4-Trimethylbenzene
Concen: 2.492 ug/L
RT: 11.463 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion:105 Resp: 111985

Ion	Ratio	Lower	Upper
105	100		
120	40.9	34.2	51.4

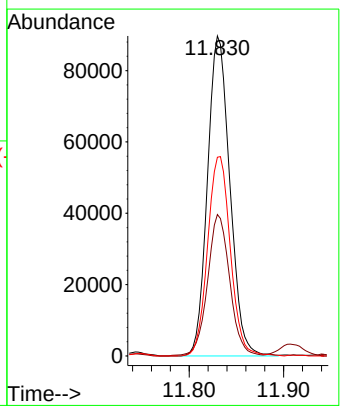


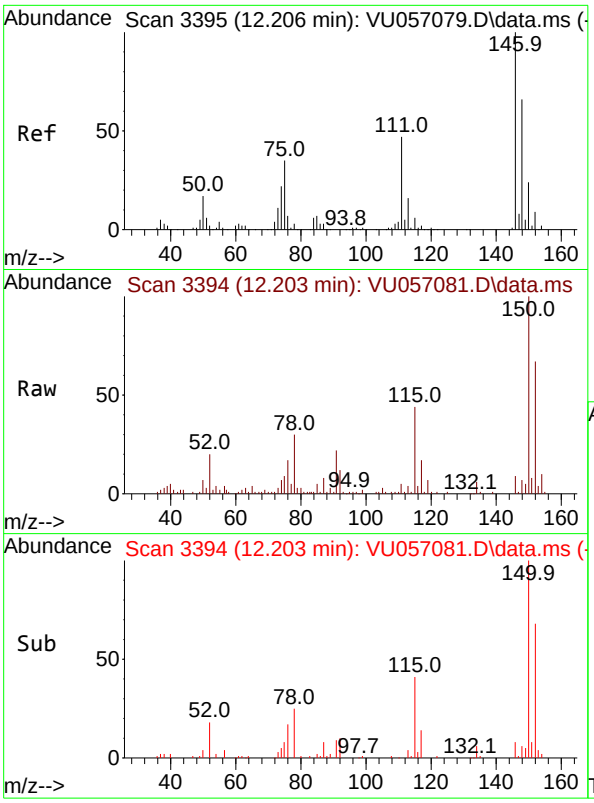


#65
1,4-Dichlorobenzene
Concen: 5.717 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Tgt Ion:146 Resp: 147457

Ion	Ratio	Lower	Upper
146	100		
111	44.2	31.2	58.0
148	62.1	45.6	84.8





#67
1,2-Dichlorobenzene
Concen: 0.153 ug/L
RT: 12.203 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU057081.D
Acq: 20 Dec 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Tgt Ion:146 Resp: 3658

Ion	Ratio	Lower	Upper
146	100		
111	56.9	36.9	55.3#
148	75.0	53.0	79.4