Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
Data File : VU057727.D
Acq On : 29 Jan 2024 19:22
Operator : MD/SY
Sample : P1239-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Quant Time: Jan 30 00:36:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 00:30:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	62859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	59183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27735	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27039	7.807	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 156.200%#			
7) Chloroethane-d5	1.910	69	16278	5.609	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.200%			
11) 1,1-Dichloroethene-d2	2.563	65	9099	5.587	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.800%			
20) 2-Butanone-d5	4.669	46	22357	34.219	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 68.440%			
24) Chloroform-d	5.058	84	35913	5.109	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
26) 1,2-Dichloroethane-d4	5.695	65	18286	5.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.400%			
32) Benzene-d6	5.721	84	73244	5.276	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.600%			
36) 1,2-Dichloropropane-d6	6.682	67	22551	5.386	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.800%			
41) Toluene-d8	7.891	98	68842	5.224	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.400%			
43) trans-1,3-Dichloroprop...	8.174	79	8778	5.260	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.200%			
46) 2-Hexanone-d5	8.630	63	30363	57.025	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.060%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15092	5.377	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	21800	5.601	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	979859	172.737	ug/L	99
12) 1,1-Dichloroethene	2.576	96	75496	16.526	ug/L	91
14) Carbon disulfide	2.798	76	8121	0.548	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	276596	57.484	ug/L	98
19) 1,1-Dichloroethane	3.862	63	238077	26.794	ug/L	99
22) cis-1,2-Dichloroethene	4.669	96	19893526	3845.720	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	94602	10.890	ug/L	97
30) Cyclohexane	5.383	56	29448	3.513	ug/L	96
33) Benzene	5.769	78	5274	0.260	ug/L	100
34) Trichloroethene	6.534	95	50242	8.978	ug/L	97
35) Methylcyclohexane	6.756	83	130285	14.412	ug/L	97
42) Toluene	7.962	91	100304	4.583	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	2858	0.865	ug/L	95
52) Ethylbenzene	9.566	91	25613	1.039	ug/L	98
53) m,p-Xylene	9.692	106	5502	0.605	ug/L	92
54) o-Xylene	10.097	106	5067	0.571	ug/L	98
60) Isopropylbenzene	10.479	105	6588	0.303	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
Data File : VU057727.D
Acq On : 29 Jan 2024 19:22
Operator : MD/SY
Sample : P1239-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Quant Time: Jan 30 00:36:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 00:30:52 2024
Response via : Initial Calibration

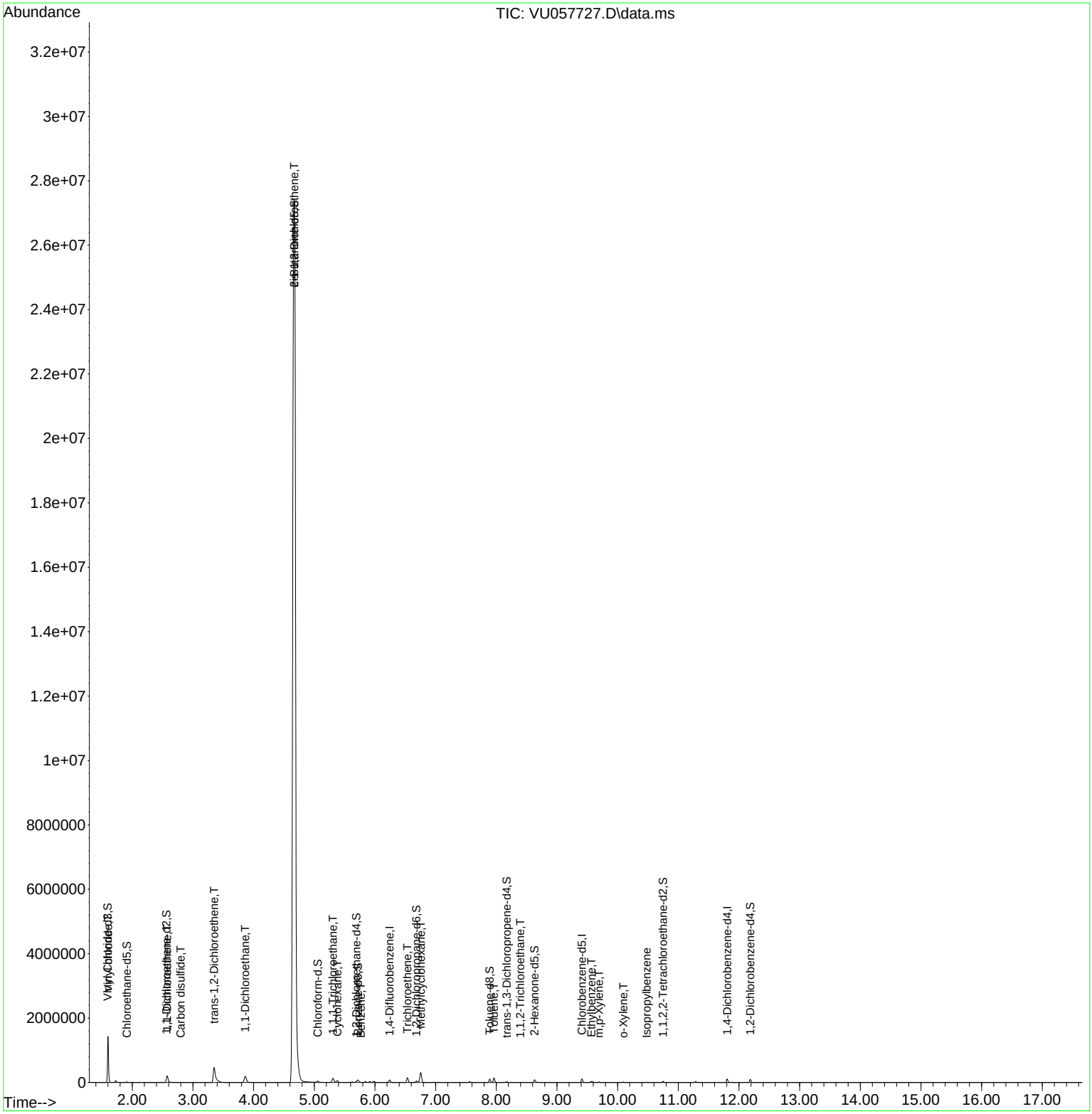
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

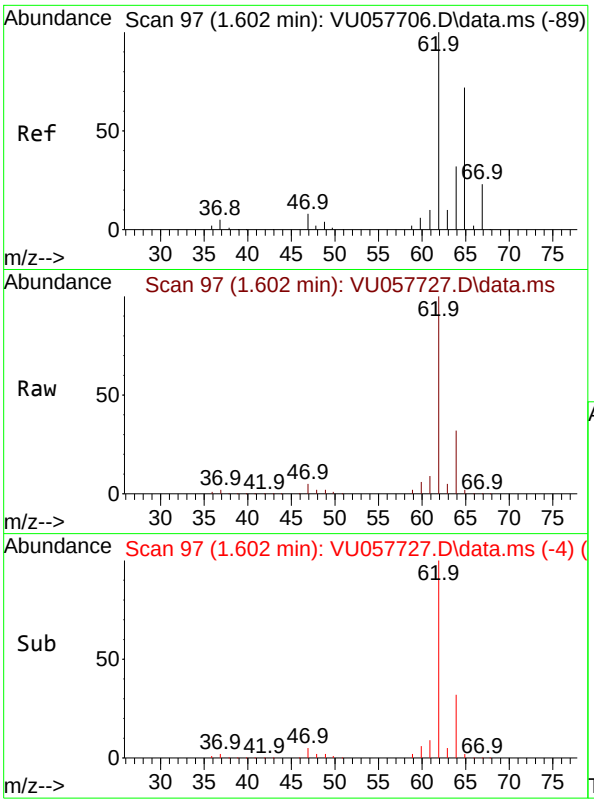
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
Data File : VU057727.D
Acq On : 29 Jan 2024 19:22
Operator : MD/SY
Sample : P1239-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Quant Time: Jan 30 00:36:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 00:30:52 2024
Response via : Initial Calibration



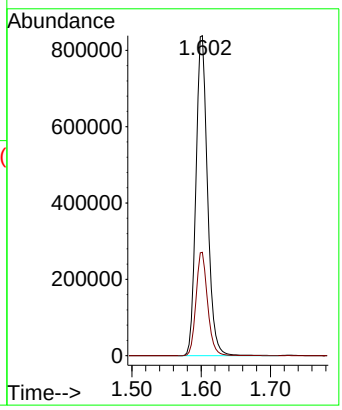


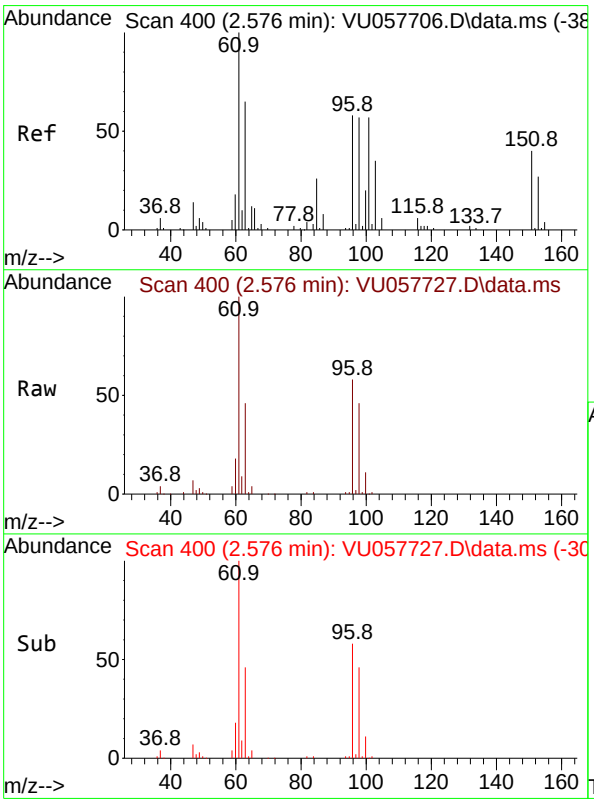
#5
Vinyl chloride
Concen: 172.737 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion: 62 Resp: 979859

Ion	Ratio	Lower	Upper
62	100		
64	32.3	22.8	42.4

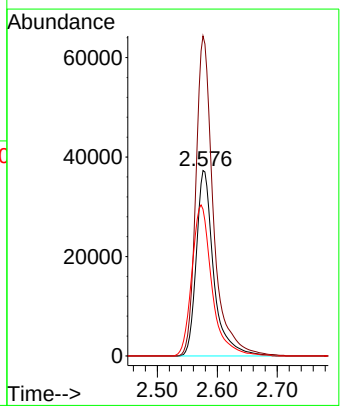


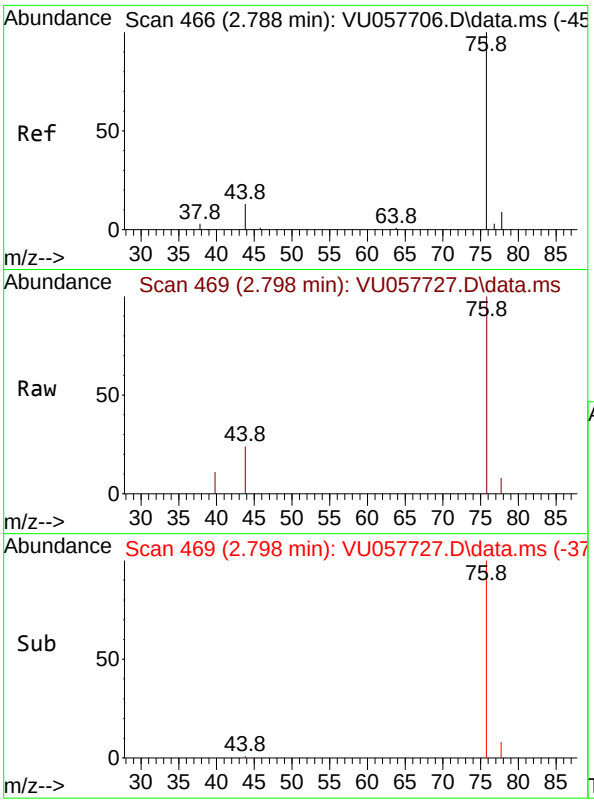


#12
1,1-Dichloroethene
Concen: 16.526 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion: 96 Resp: 75496

Ion	Ratio	Lower	Upper
96	100		
61	172.6	120.7	224.1
63	79.2	72.5	134.7



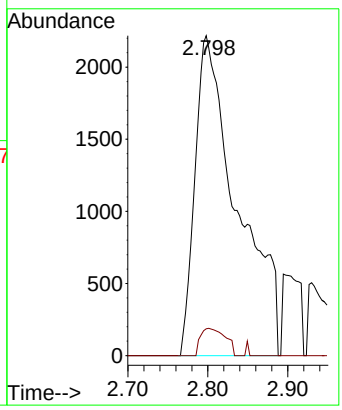


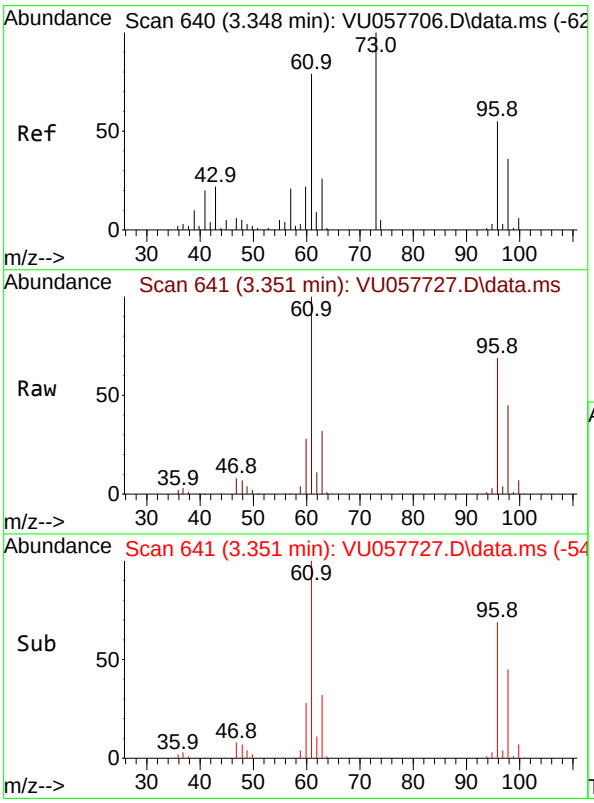
#14
Carbon disulfide
Concen: 0.548 ug/L
RT: 2.798 min Scan# 4
Delta R.T. 0.010 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion: 76 Resp: 8121

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

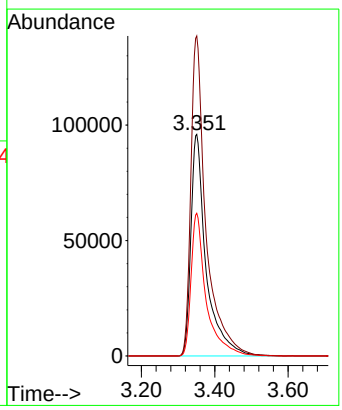


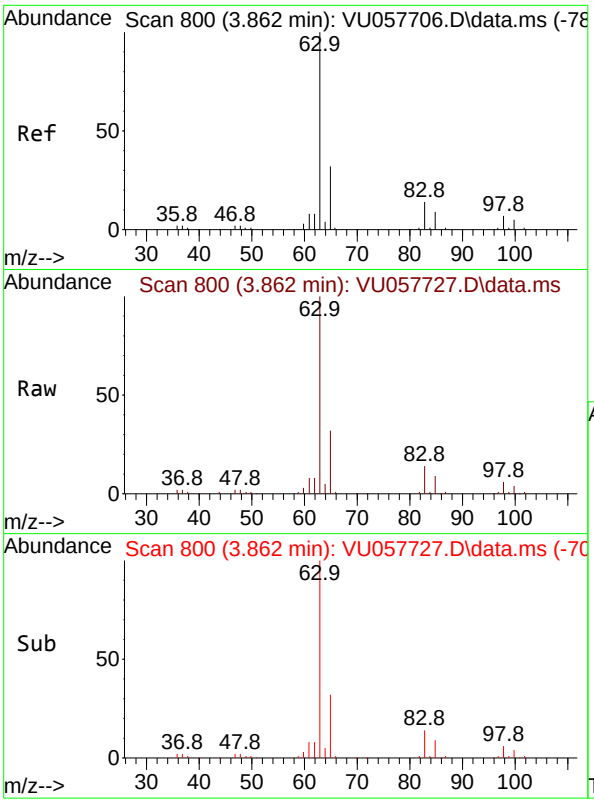


#18
trans-1,2-Dichloroethene
Concen: 57.484 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion: 96 Resp: 276596

Ion	Ratio	Lower	Upper
96	100		
61	144.4	99.3	184.5
98	64.4	44.5	82.7



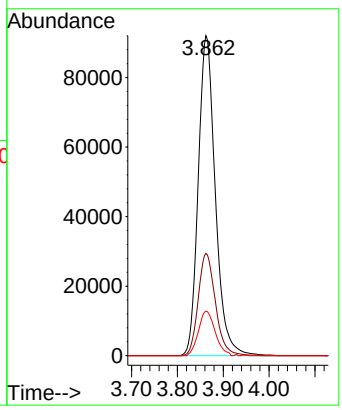


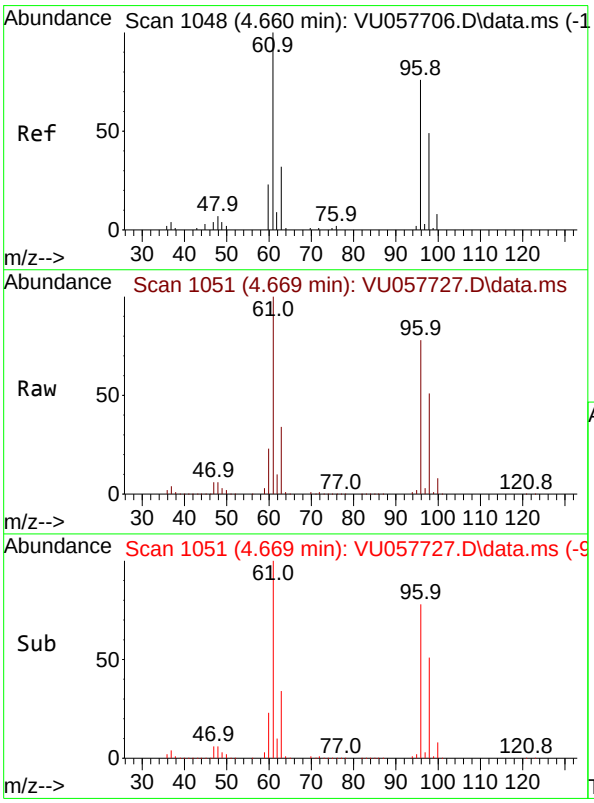
#19
1,1-Dichloroethane
Concen: 26.794 ug/L
RT: 3.862 min Scan# 8(
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion: 63 Resp: 238077

Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.0	42.8
83	13.9	9.7	17.9

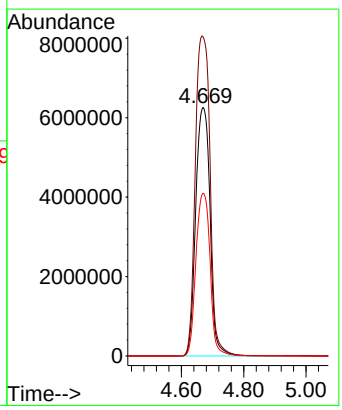


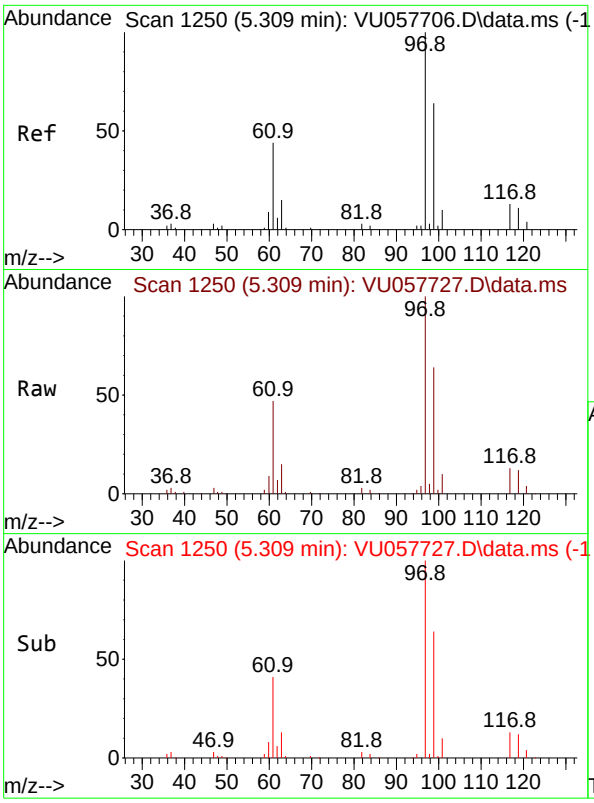


#22
cis-1,2-Dichloroethene
Concen: 3845.720 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion: 96 Resp:19893526

Ion	Ratio	Lower	Upper
96	100		
61	128.5	92.7	172.1
98	65.5	44.9	83.5



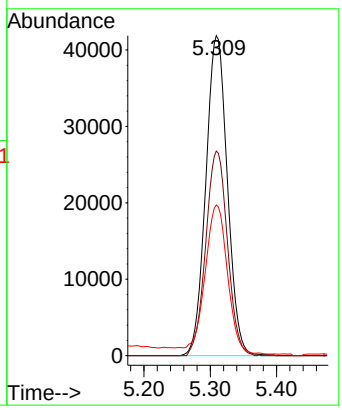


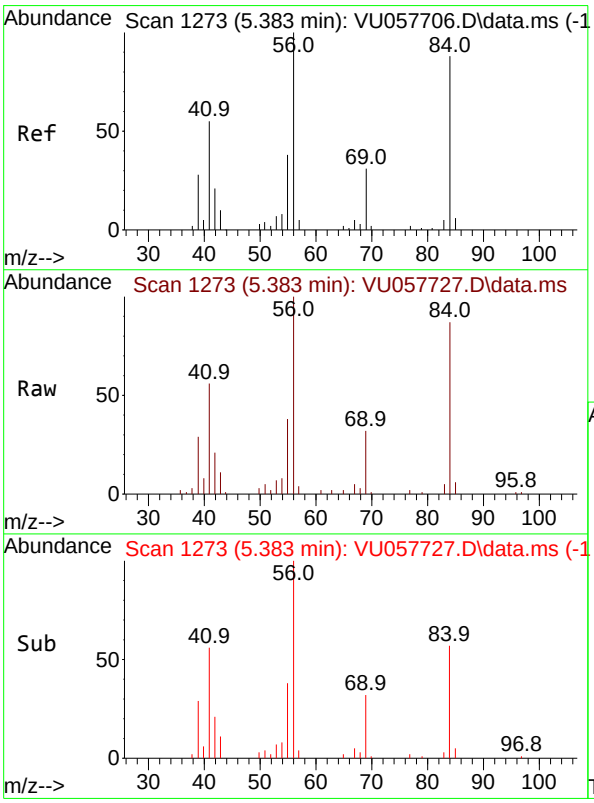
#29
1,1,1-Trichloroethane
Concen: 10.890 ug/L
RT: 5.309 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion: 97 Resp: 94602

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	47.9	35.3	52.9

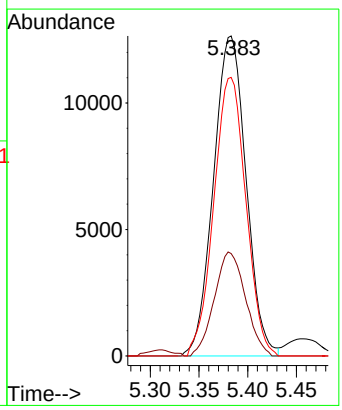


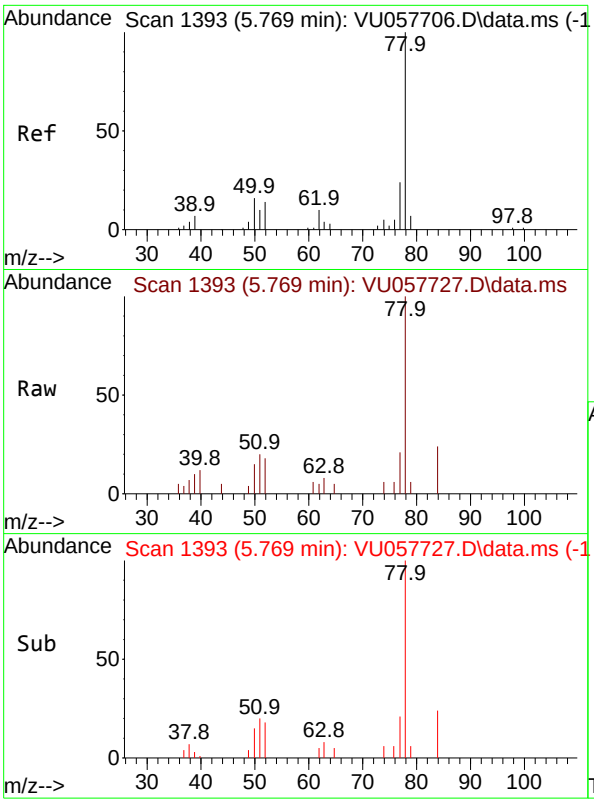


#30
Cyclohexane
Concen: 3.513 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion: 56 Resp: 29448

Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.8	38.8
84	85.6	72.0	108.0

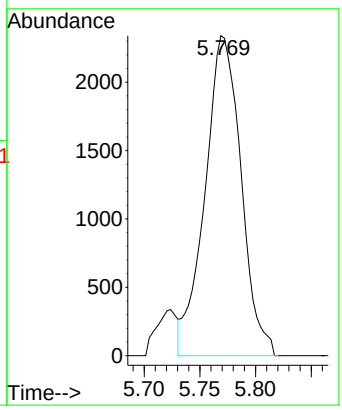


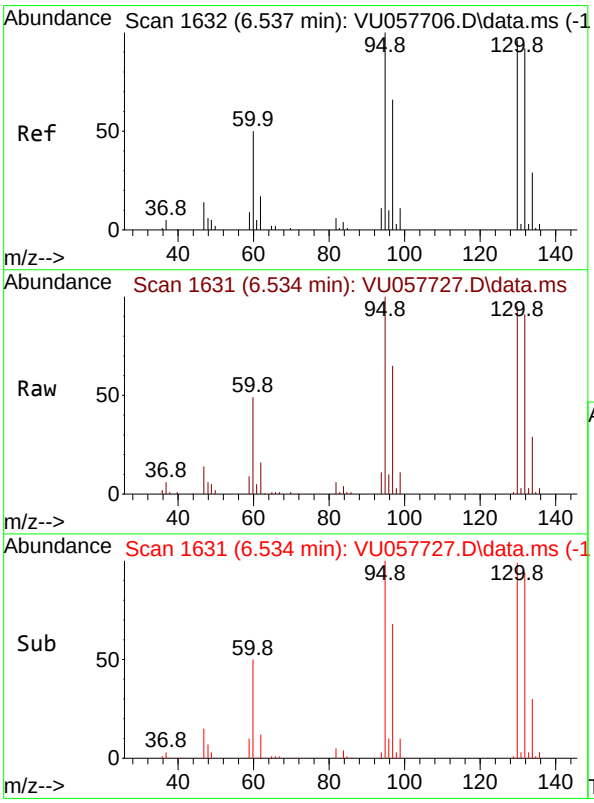


#33
Benzene
Concen: 0.260 ug/L
RT: 5.769 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion: 78 Resp: 5274

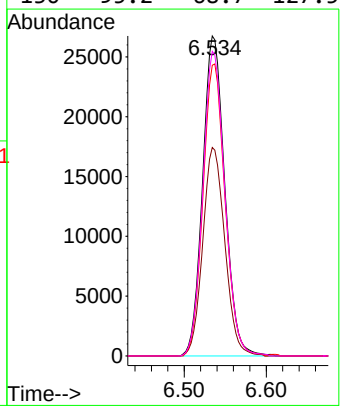


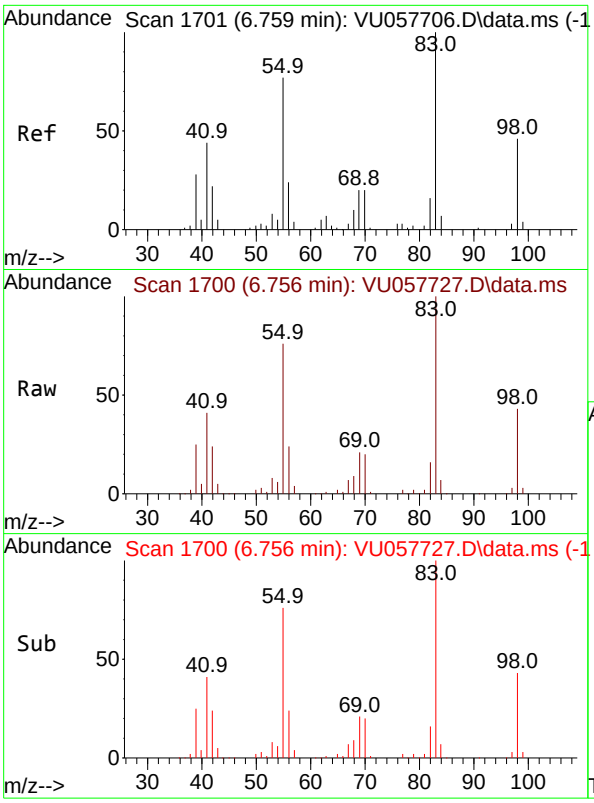


#34
Trichloroethene
Concen: 8.978 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion: 95 Resp: 50242

Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.1	85.5
132	90.8	66.1	122.8
130	95.2	68.7	127.5



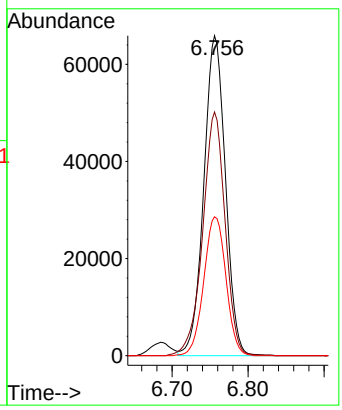


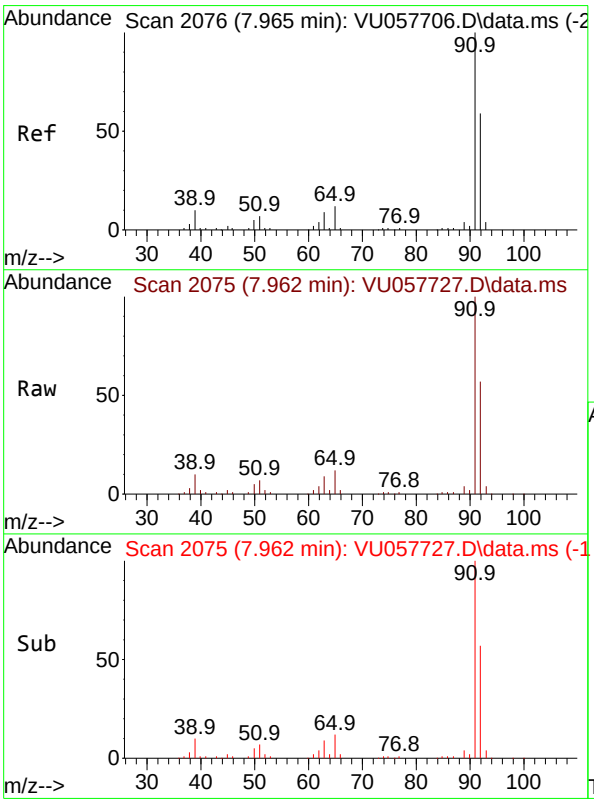
#35
Methylcyclohexane
Concen: 14.412 ug/L
RT: 6.756 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion: 83 Resp: 130285

Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.4	92.0
98	44.5	38.2	57.4

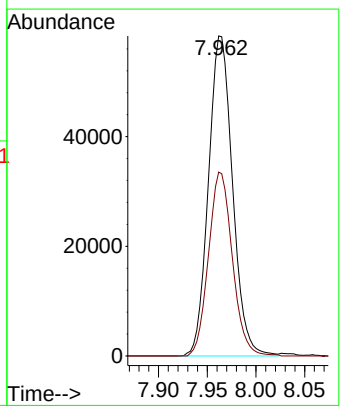


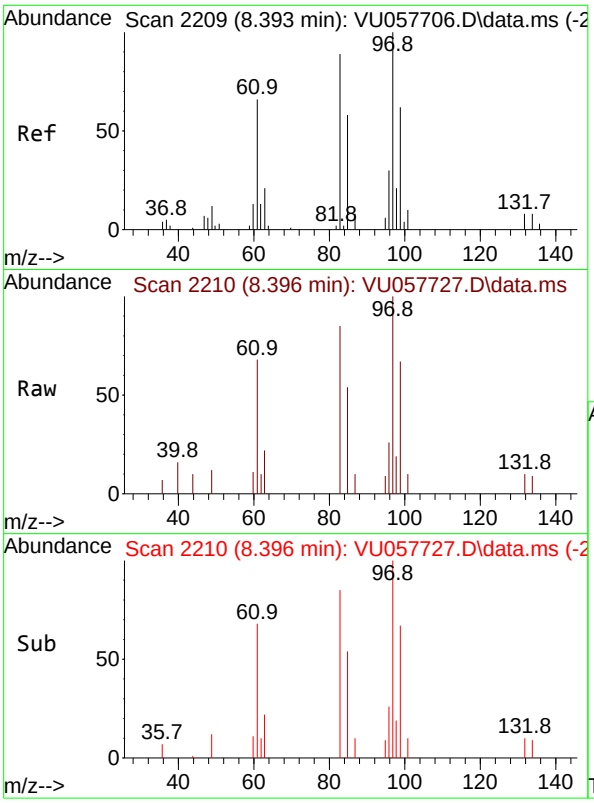


#42
Toluene
Concen: 4.583 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion: 91 Resp: 100304

Ion	Ratio	Lower	Upper
91	100		
92	57.4	39.7	73.7



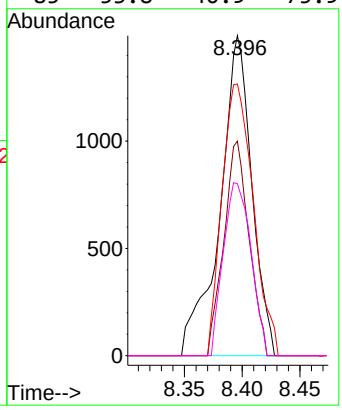


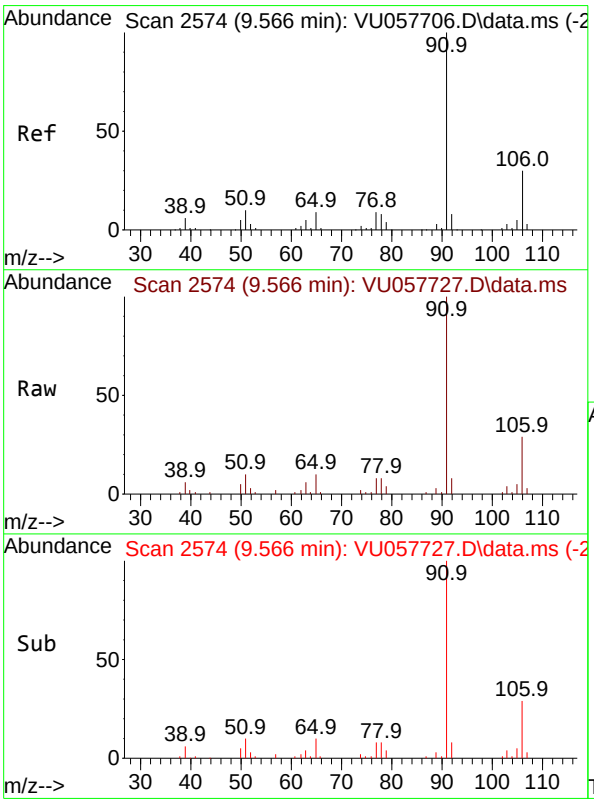
#45
1,1,2-Trichloroethane
Concen: 0.865 ug/L
RT: 8.396 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion: 97 Resp: 2858

Ion	Ratio	Lower	Upper
97	100		
99	67.0	45.1	83.7
83	84.9	62.3	115.7
85	53.8	40.9	75.9

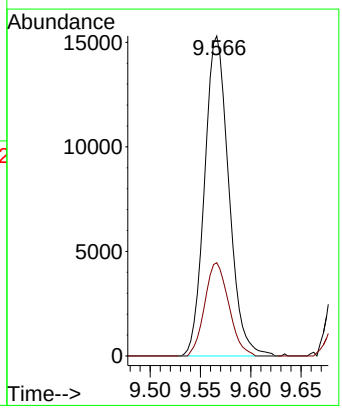


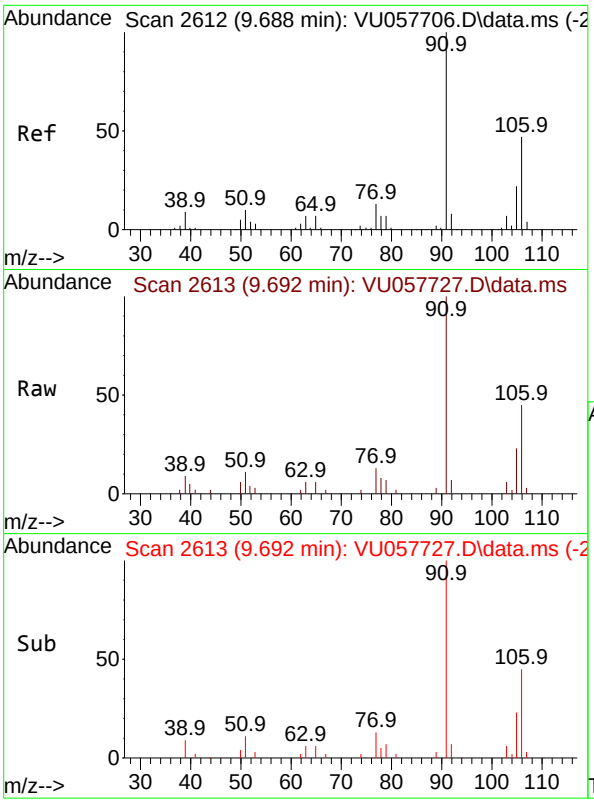


#52
Ethylbenzene
Concen: 1.039 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion: 91 Resp: 25613

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.3	39.5



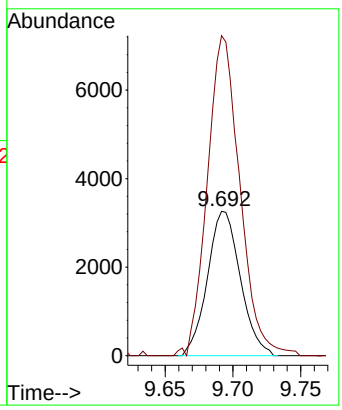


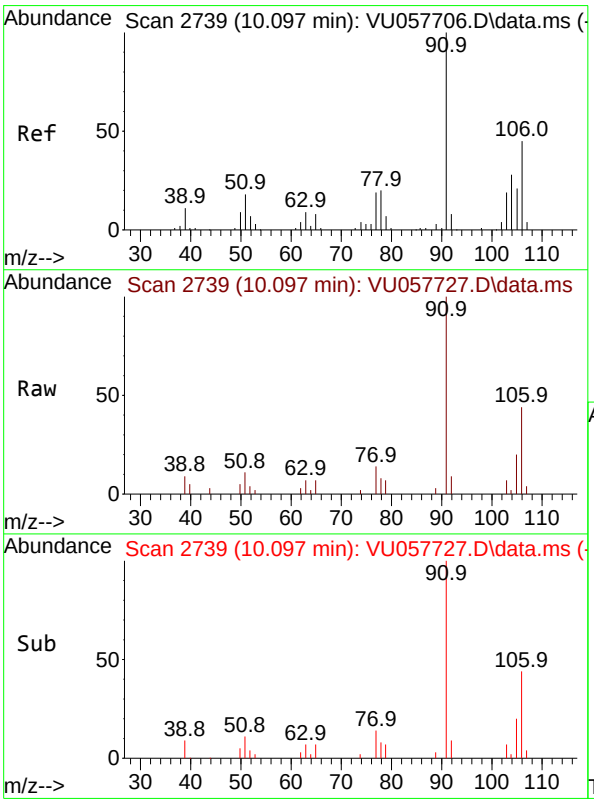
#53
m,p-Xylene
Concen: 0.605 ug/L
RT: 9.692 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion:106 Resp: 5502

Ion	Ratio	Lower	Upper
106	100		
91	221.7	146.9	272.9

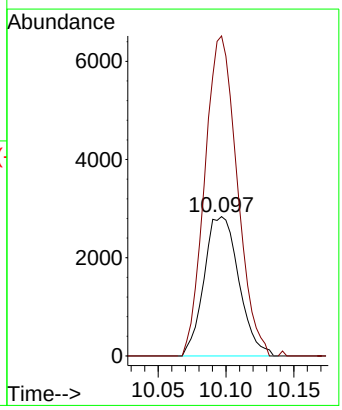


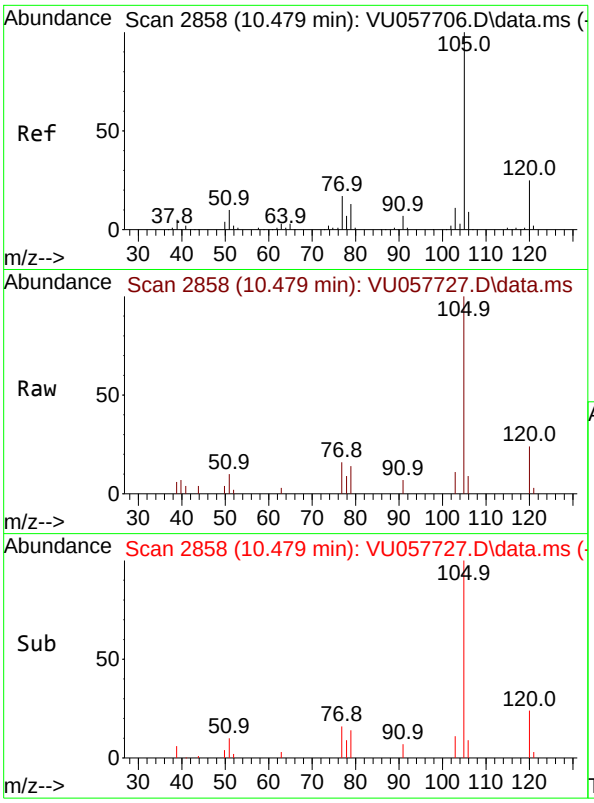


#54
o-Xylene
Concen: 0.571 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Tgt Ion:106 Resp: 5067

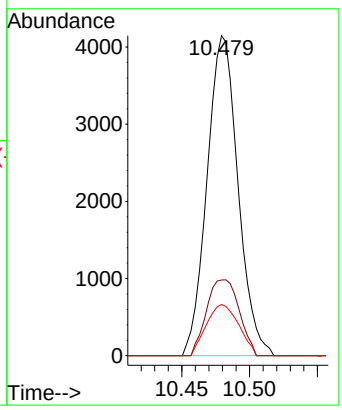
Ion	Ratio	Lower	Upper
106	100		
91	229.6	158.1	293.5





#60
Isopropylbenzene
Concen: 0.303 ug/L
RT: 10.479 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU057727.D
Acq: 29 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0FC3

Tgt Ion:105 Resp: 6588

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.8	31.2
77	16.7	13.2	19.8