Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Time: Oct 07 03:02:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288129	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	277912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128113	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106059	33.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.240%			
7) Chloroethane-d5	1.900	69	93745	37.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.020%			
11) 1,1-Dichloroethene-d2	2.565	63	126592	23.899	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.800%#			
21) 2-Butanone-d5	4.629	46	220445	88.404	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.400%			
24) Chloroform-d	5.070	84	201571	40.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.920%			
26) 1,2-Dichloroethane-d4	5.707	65	143203	42.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.880%			
32) Benzene-d6	5.732	84	410824	42.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.200%			
36) 1,2-Dichloropropane-d6	6.694	67	134952	42.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.840%			
41) Toluene-d8	7.903	98	353144	42.434	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.860%			
43) trans-1,3-Dichloroprop...	8.182	79	56407	40.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.660%			
47) 2-Hexanone-d5	8.636	63	156922	90.054	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.050%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214519	43.811	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.620%			
66) 1,2-Dichlorobenzene-d4	12.195	152	128153	45.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.920%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	887028	263.285	ug/L #	82
8) Chloroethane	1.922	64	65840	31.137	ug/L #	73
13) Acetone	2.633	43	8802	3.054	ug/L	99
14) Carbon disulfide	2.803	76	21969	3.073	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	2386	1.015	ug/L	96
19) 1,1-Dichloroethane	3.874	63	106146	21.708	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	687794	265.558	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	4893	1.272	ug/L	96
33) Benzene	5.780	78	7349	0.713	ug/L	100
34) Trichloroethene	6.546	95	3203	1.294	ug/L	95
35) Methylcyclohexane	6.768	83	4331	1.045	ug/L	89
42) Toluene	7.973	91	100891	9.633	ug/L	99
52) Ethylbenzene	9.575	91	659696	59.627	ug/L	100
53) m,p-Xylene	9.697	106	716320	170.910	ug/L	98
54) o-xylene	10.105	106	161509	39.215	ug/L	100
61) Isopropylbenzene	10.488	105	86978	9.277	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	4593	0.587	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	30731	3.833	ug/L	98

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM3

Quant Time: Oct 07 03:02:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
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\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
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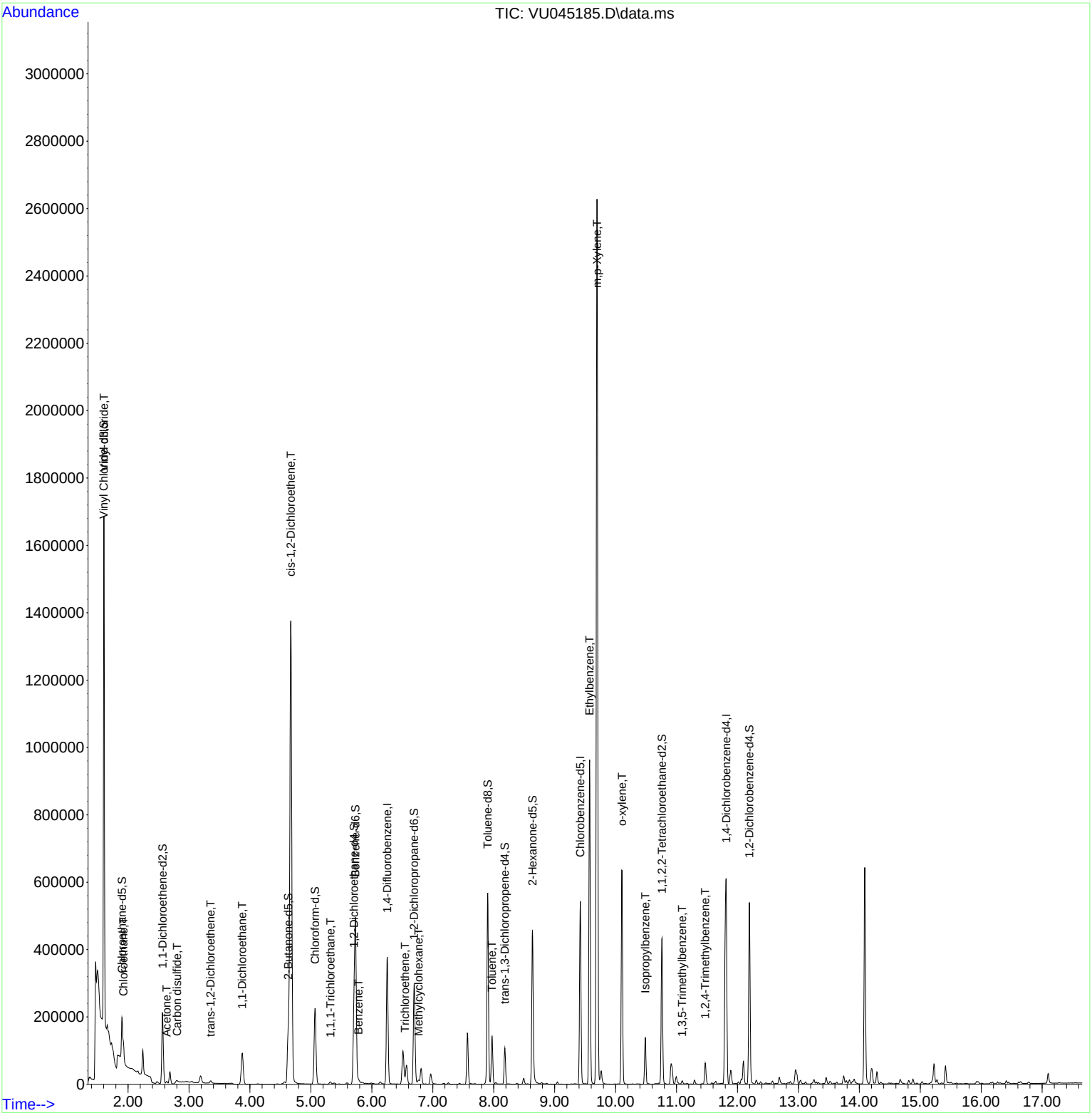
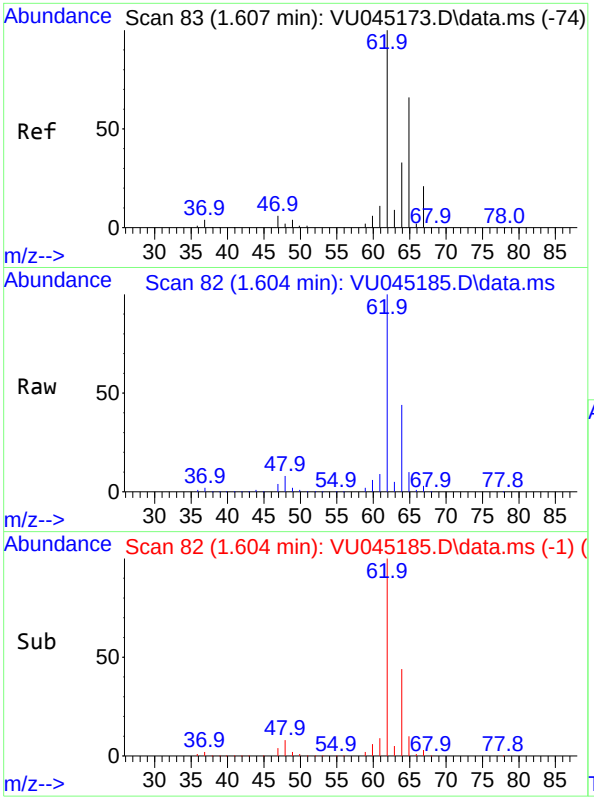
Quant Time: Oct 07 03:02:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
Response via : Initial Calibration



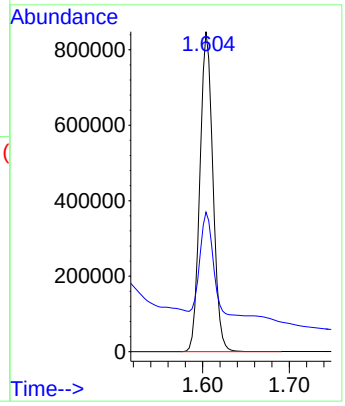
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

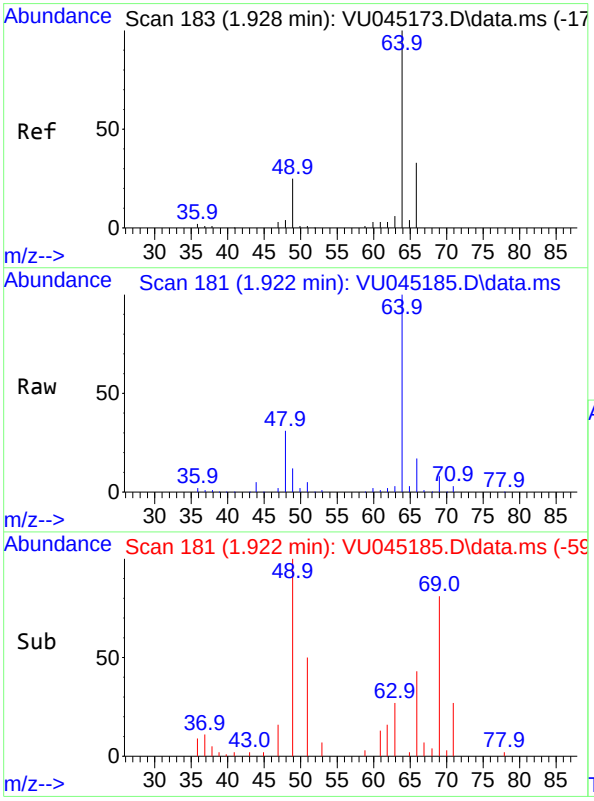


#5
Vinyl chloride
Concen: 263.285 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 62 Resp: 887028

Ion	Ratio	Lower	Upper
62	100		
64	43.6	23.4	43.6#

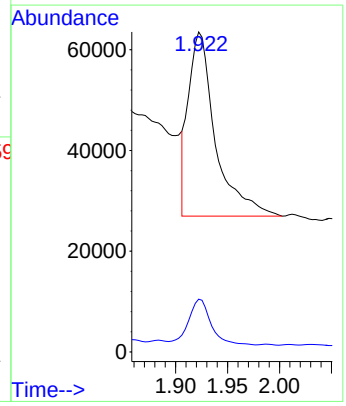




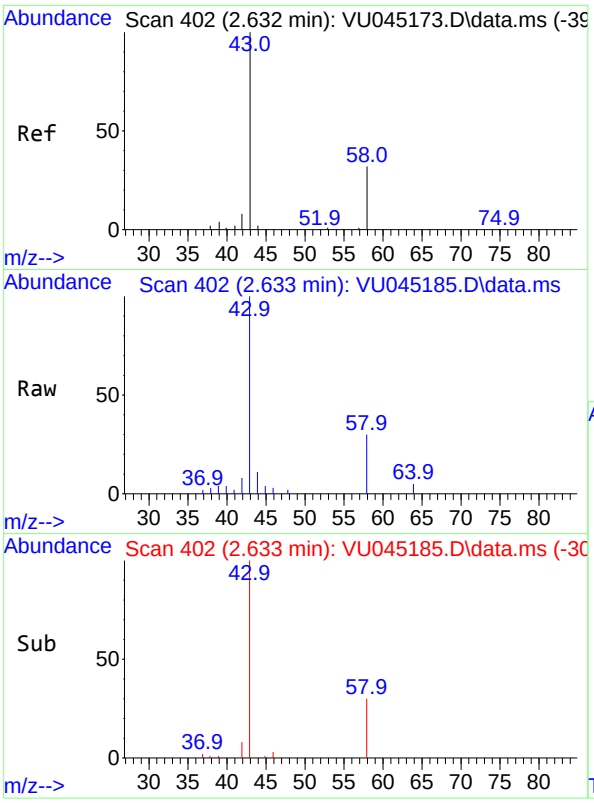
#8
Chloroethane
Concen: 31.137 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.006 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 64 Resp: 65840

Ion	Ratio	Lower	Upper
64	100		
66	16.5	22.3	41.3#



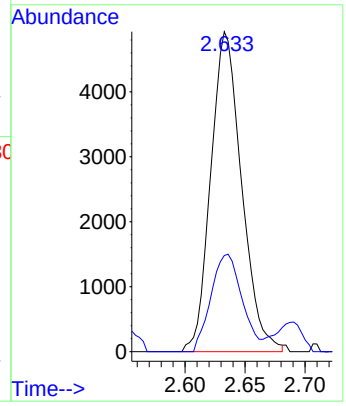
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

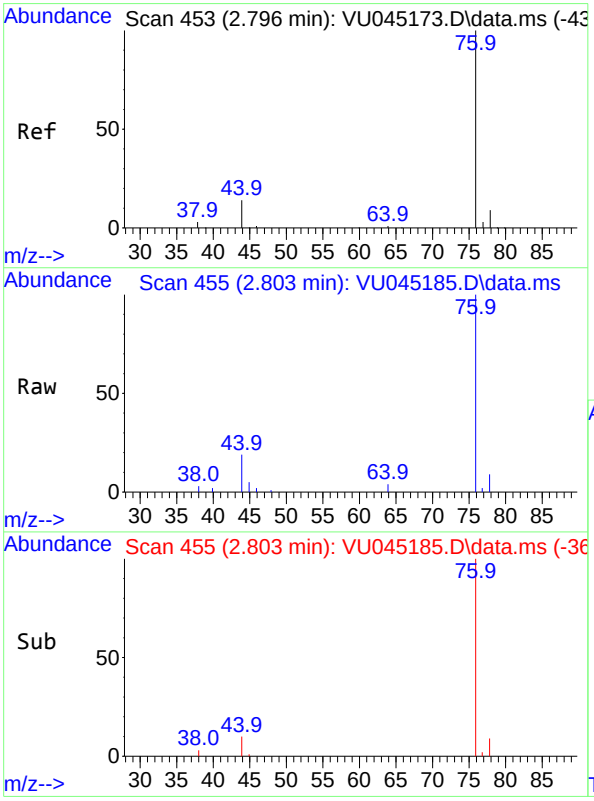


#13
Acetone
Concen: 3.054 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 43 Resp: 8802

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	62.8

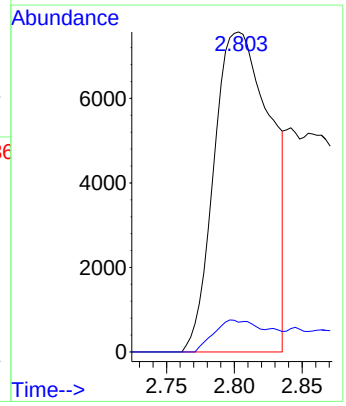




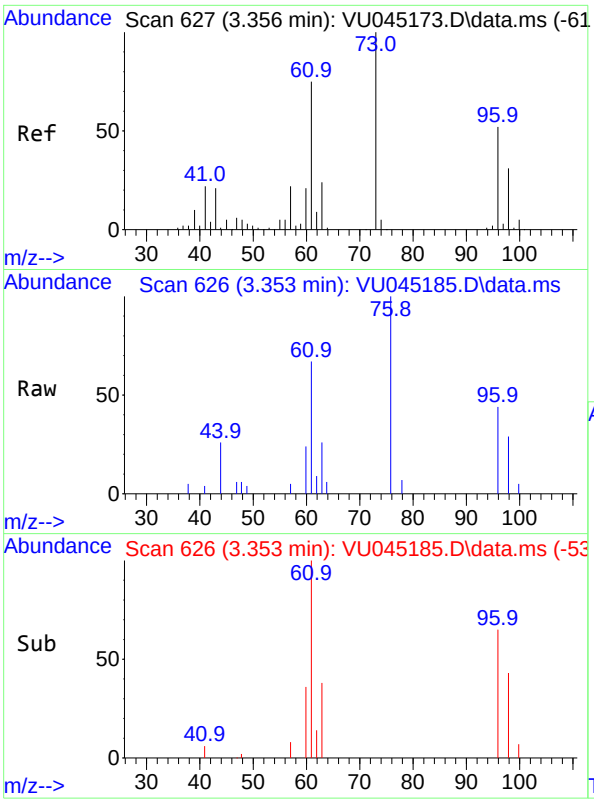
#14
Carbon disulfide
Concen: 3.073 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.007 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 76 Resp: 21969

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9



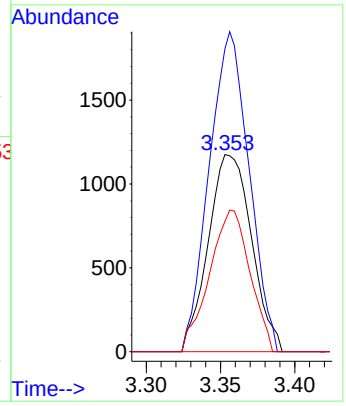
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

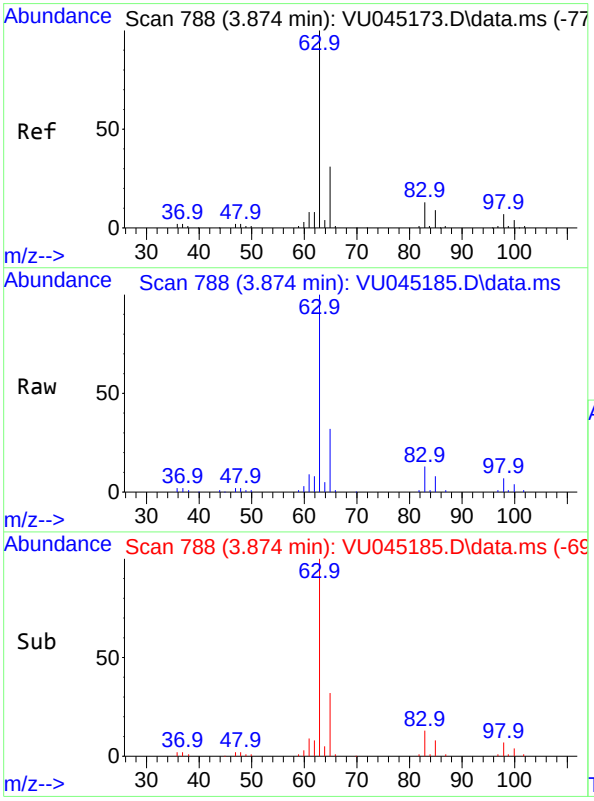


#17
trans-1,2-Dichloroethene
Concen: 1.015 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 96 Resp: 2386

Ion	Ratio	Lower	Upper
96	100		
61	153.7	105.1	195.3
98	66.1	43.0	79.8

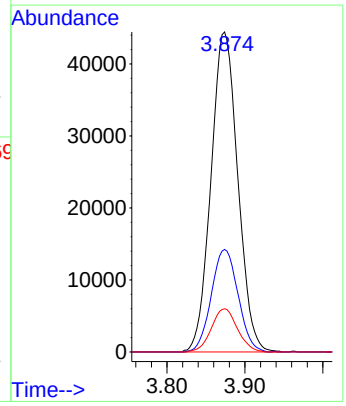




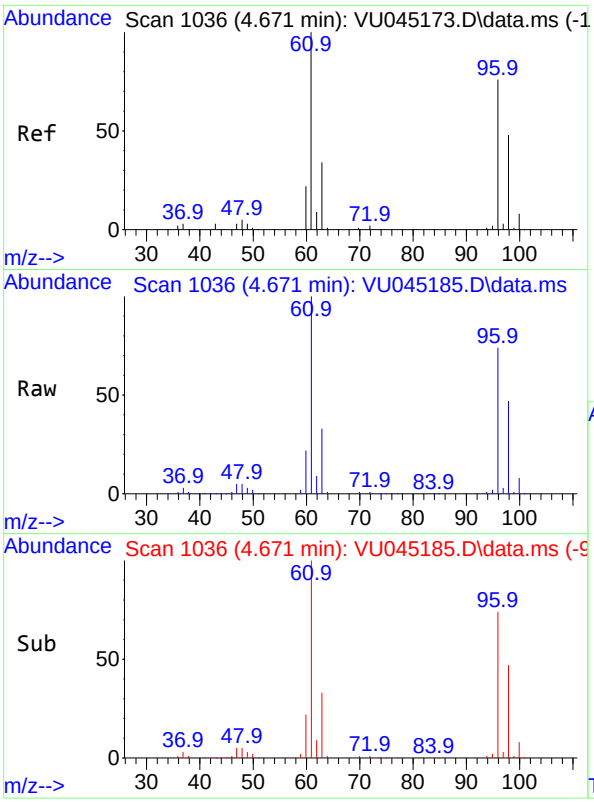
#19
1,1-Dichloroethane
Concen: 21.708 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 63 Resp: 106146

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.0	40.8
83	13.5	9.0	16.6



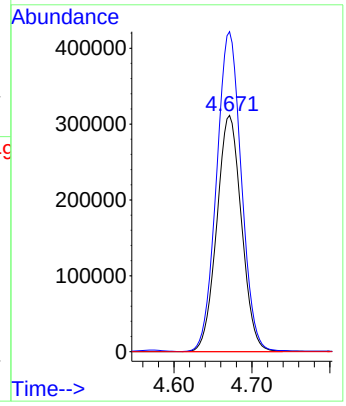
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

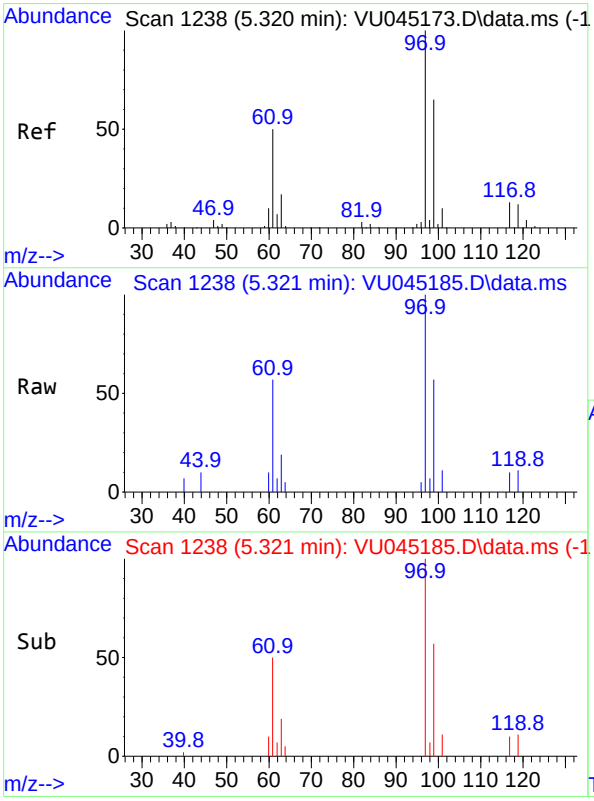


#20
cis-1,2-Dichloroethene
Concen: 265.558 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 96 Resp: 687794

Ion	Ratio	Lower	Upper
96	100		
61	135.5	100.2	186.0
68	0.0	0.0	0.0

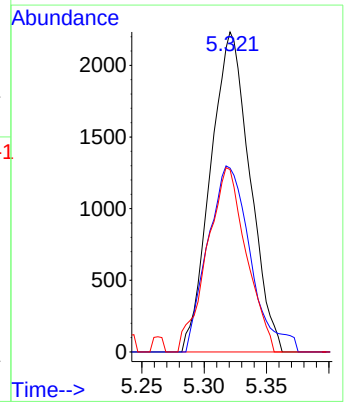


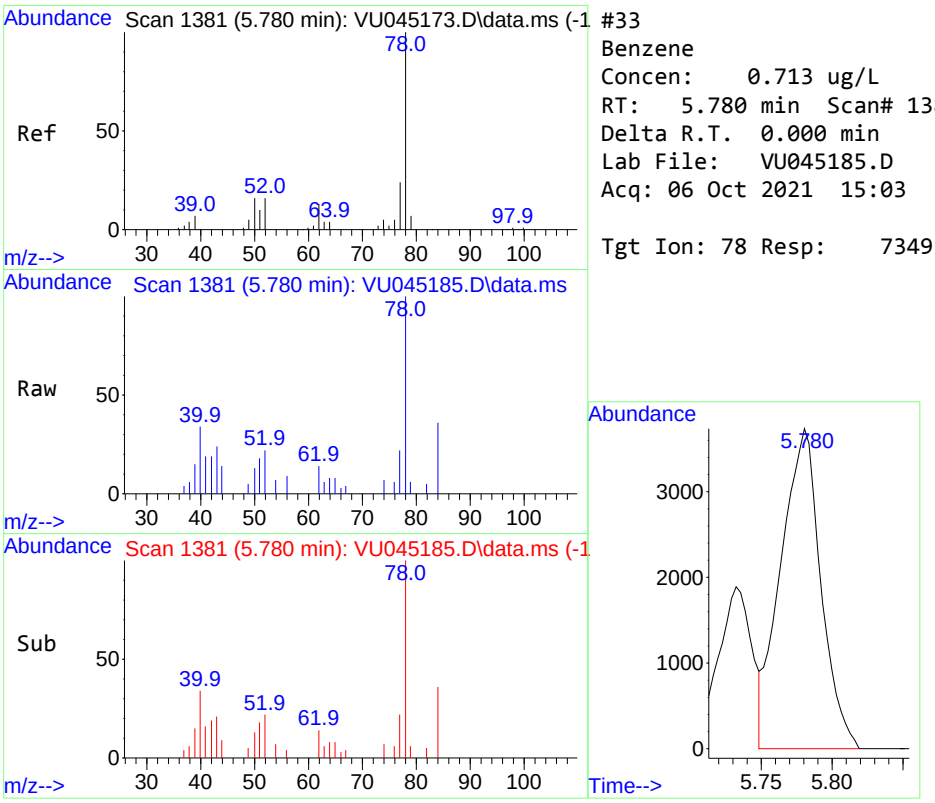


#30
1,1,1-Trichloroethane
Concen: 1.272 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 97 Resp: 4893

Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.6	75.8
61	57.3	41.3	61.9

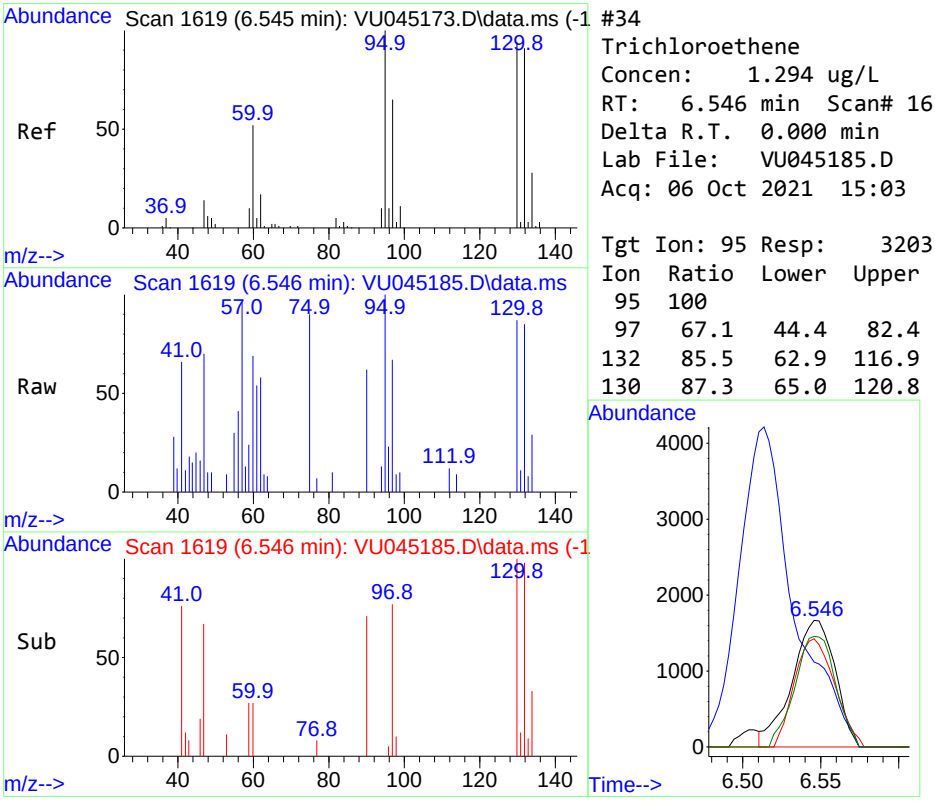




#33
Benzene
Concen: 0.713 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 78 Resp: 7349

Instrument :
MSVOA_U
ClientSampleId :
C0AM3

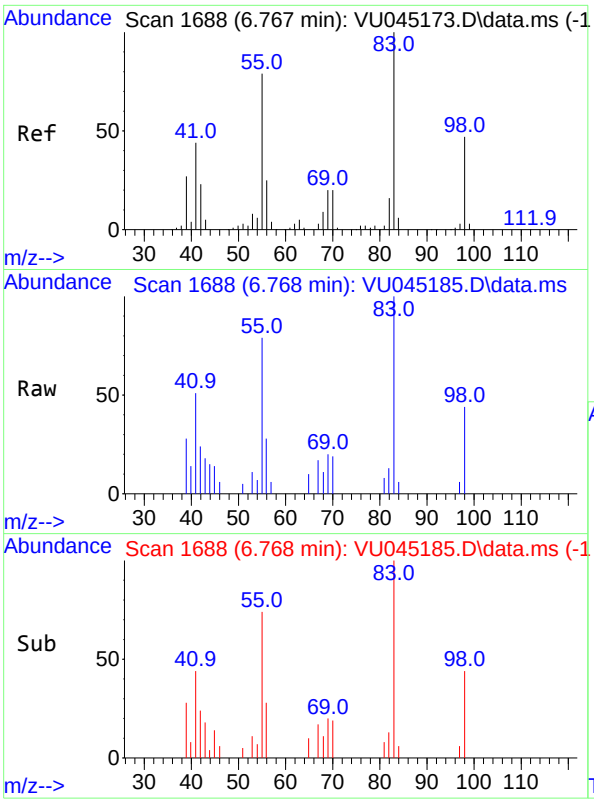


#34
Trichloroethene
Concen: 1.294 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 95 Resp: 3203

Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.4	82.4
132	85.5	62.9	116.9
130	87.3	65.0	120.8

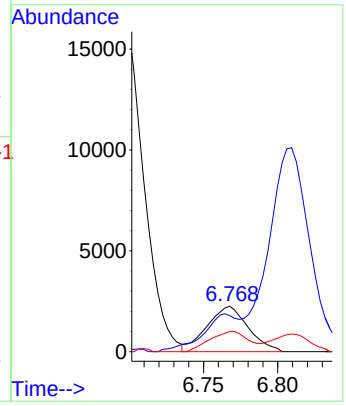
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

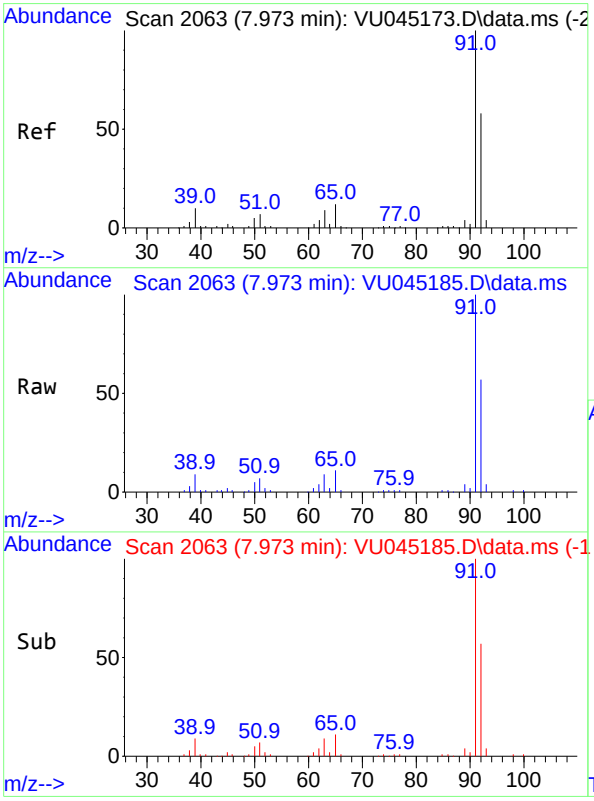


#35
Methylcyclohexane
Concen: 1.045 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 83 Resp: 4331

Ion	Ratio	Lower	Upper
83	100		
55	70.4	65.8	98.6
98	41.5	37.1	55.7

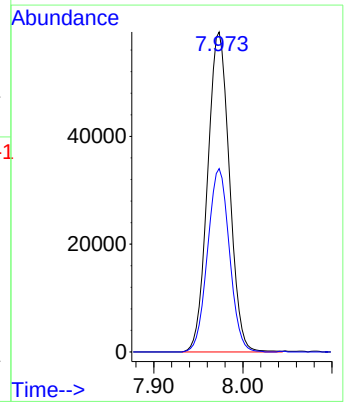




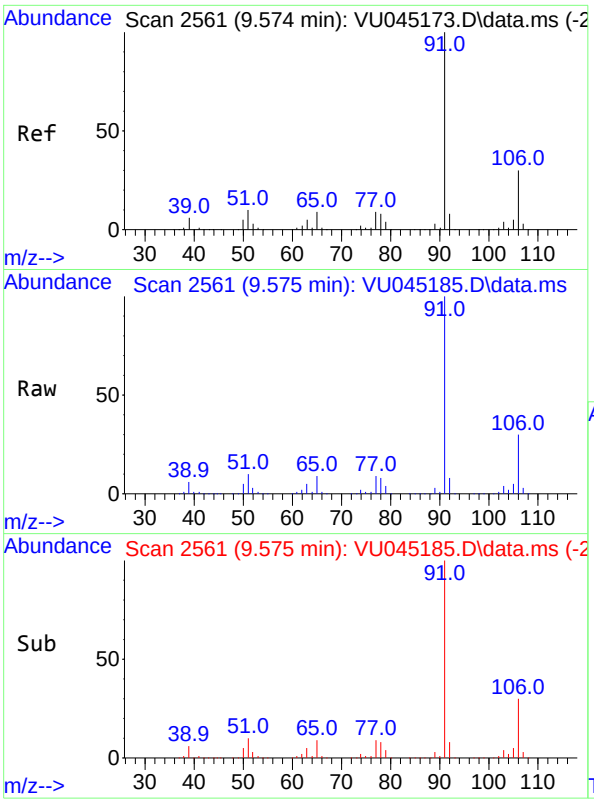
#42
Toluene
Concen: 9.633 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 91 Resp: 100891

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.5	75.1



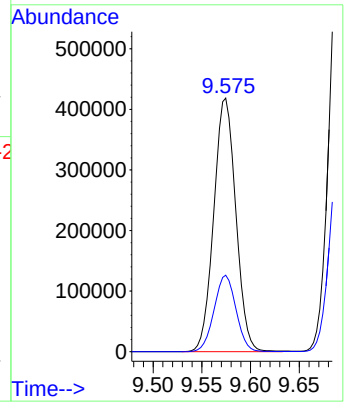
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

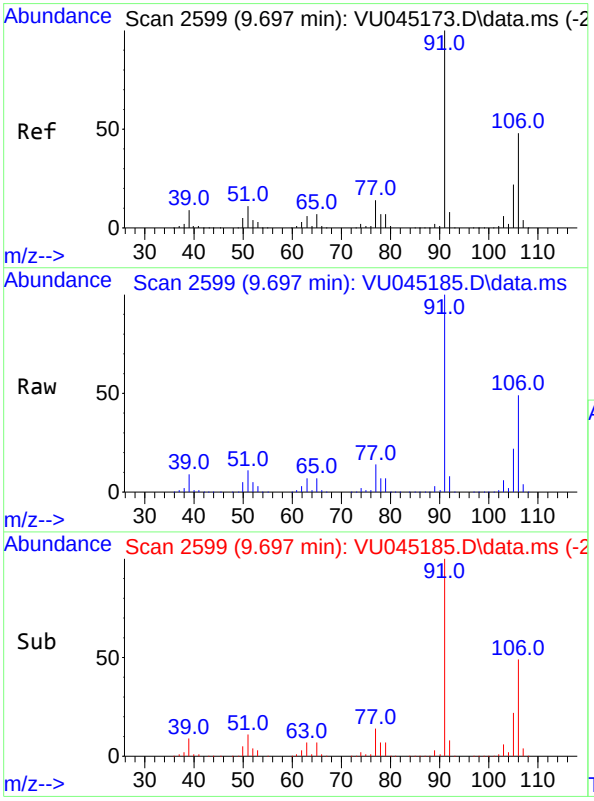


#52
Ethylbenzene
Concen: 59.627 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion: 91 Resp: 659696

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.2	39.4

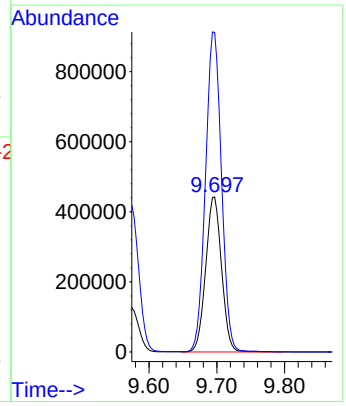




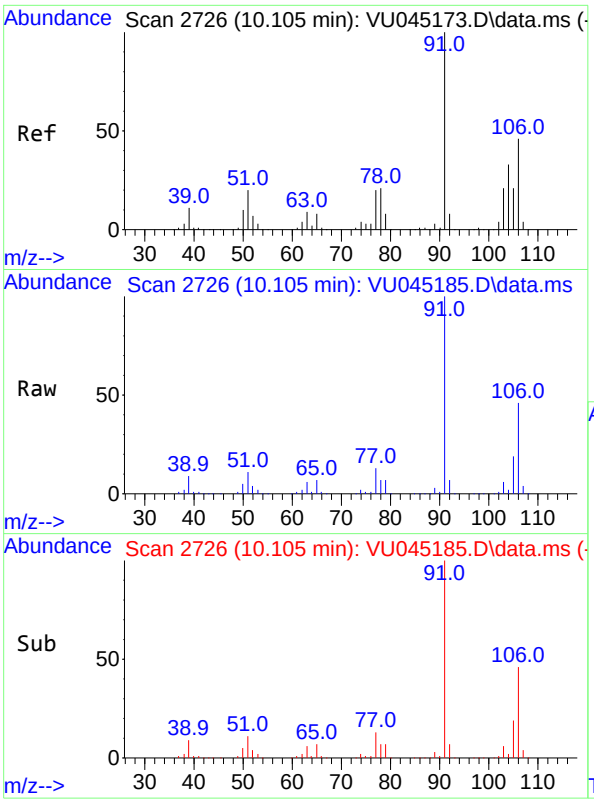
#53
m,p-Xylene
Concen: 170.910 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion:106 Resp: 716320

Ion	Ratio	Lower	Upper
106	100		
91	206.1	146.7	272.4



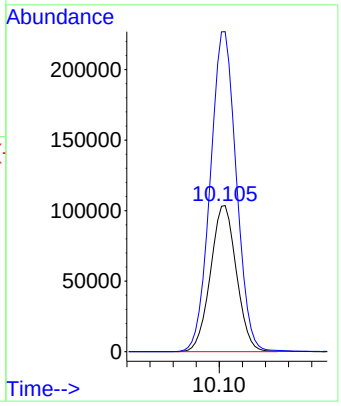
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

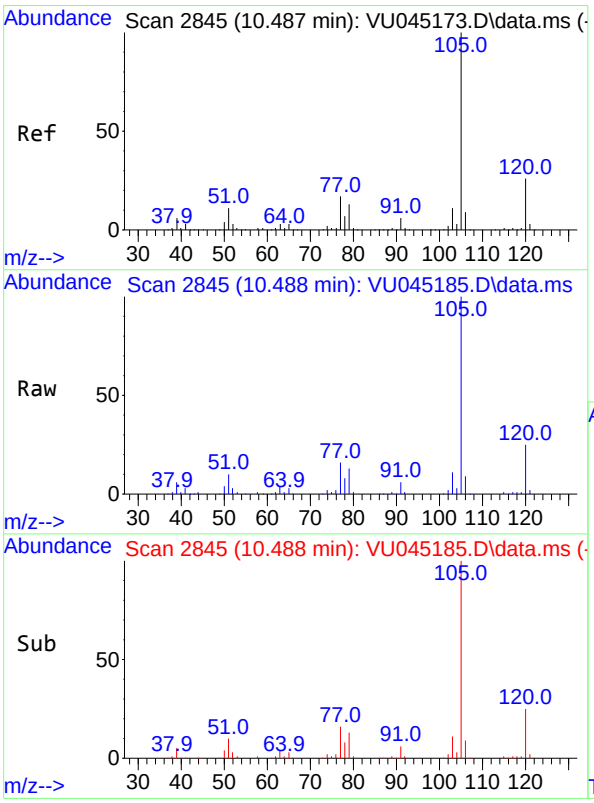


#54
o-xylene
Concen: 39.215 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion:106 Resp: 161509

Ion	Ratio	Lower	Upper
106	100		
91	219.0	152.9	283.9

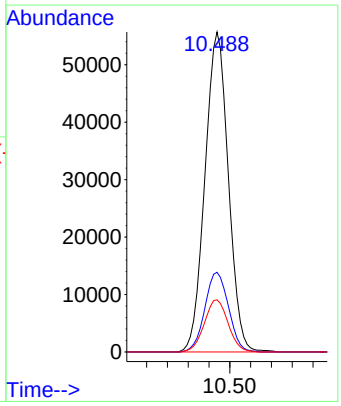




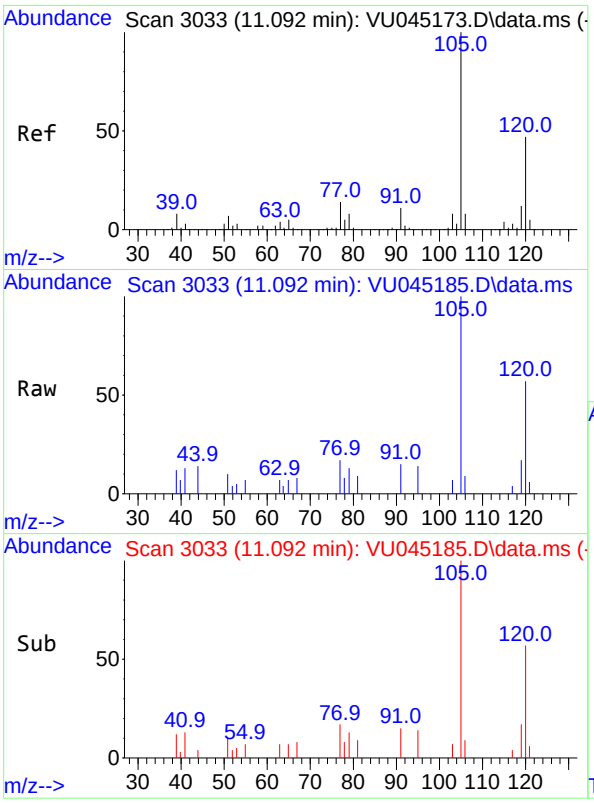
#61
Isopropylbenzene
Concen: 9.277 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion:105 Resp: 86978

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.5	30.7
77	16.6	13.5	20.3



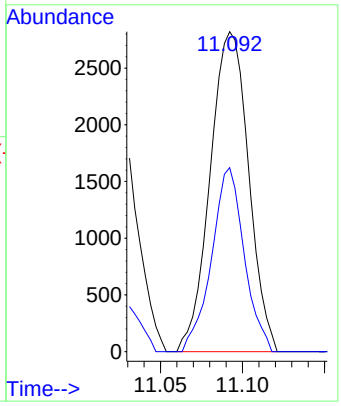
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

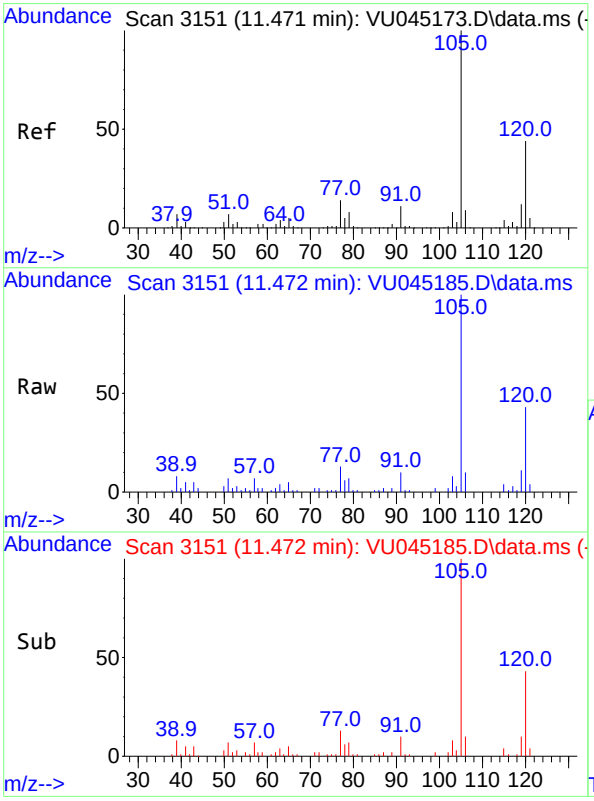


#62
1,3,5-Trimethylbenzene
Concen: 0.587 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion:105 Resp: 4593

Ion	Ratio	Lower	Upper
105	100		
120	48.8	38.8	58.2





#63
1,2,4-Trimethylbenzene
Concen: 3.833 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045185.D
Acq: 06 Oct 2021 15:03

Tgt Ion:105 Resp: 30731

Ion	Ratio	Lower	Upper
105	100		
120	43.5	35.7	53.5