Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045167.D
Acq On : 06 Oct 2021 00:20
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A29

Quant Time: Oct 06 04:39:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	297230	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279733	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105825	32.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.040%			
7) Chloroethane-d5	1.913	69	103279	40.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.120%			
11) 1,1-Dichloroethene-d2	2.572	63	156474	28.636	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.280%#			
21) 2-Butanone-d5	4.636	46	274427	106.683	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.680%			
24) Chloroform-d	5.070	84	207276	40.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.660%			
26) 1,2-Dichloroethane-d4	5.707	65	149213	42.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.740%			
32) Benzene-d6	5.732	84	427426	44.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.060%			
36) 1,2-Dichloropropane-d6	6.697	67	137559	43.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.920%			
41) Toluene-d8	7.903	98	378861	45.228	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.460%			
43) trans-1,3-Dichloroprop...	8.182	79	61808	43.901	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.800%			
47) 2-Hexanone-d5	8.639	63	188238	107.322	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.320%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220946	44.830	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.660%			
66) 1,2-Dichlorobenzene-d4	12.195	152	138518	49.349	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.700%			
Target Compounds						Qvalue
13) Acetone	2.642	43	11923	4.010	ug/L	100
18) Methyl tert-butyl Ether	3.372	73	167847	20.994	ug/L #	73
29) Cyclohexane	5.395	56	34446	8.192	ug/L	98
33) Benzene	5.781	78	116243	11.204	ug/L	100
35) Methylcyclohexane	6.768	83	18785	4.502	ug/L #	78
39) cis-1,3-Dichloropropene	7.571	75	4044	1.001	ug/L #	56
42) Toluene	7.973	91	7034	0.667	ug/L	96
44) trans-1,3-Dichloropropene	8.186	75	2694	0.701	ug/L #	78
45) 1,1,2-Trichloroethane	8.372	97	4550	1.777	ug/L #	18
53) m,p-Xylene	9.697	106	1984	0.470	ug/L	99
60) 1,2,3-Trichloropropane	11.816	75	18150	5.088	ug/L #	67
61) Isopropylbenzene	10.485	105	6889	0.730	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	2609	0.323	ug/L	98
71) Naphthalene	14.089	128	51622	5.922	ug/L	99

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

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
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Acq On : 06 Oct 2021 00:20
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Sample : M3996-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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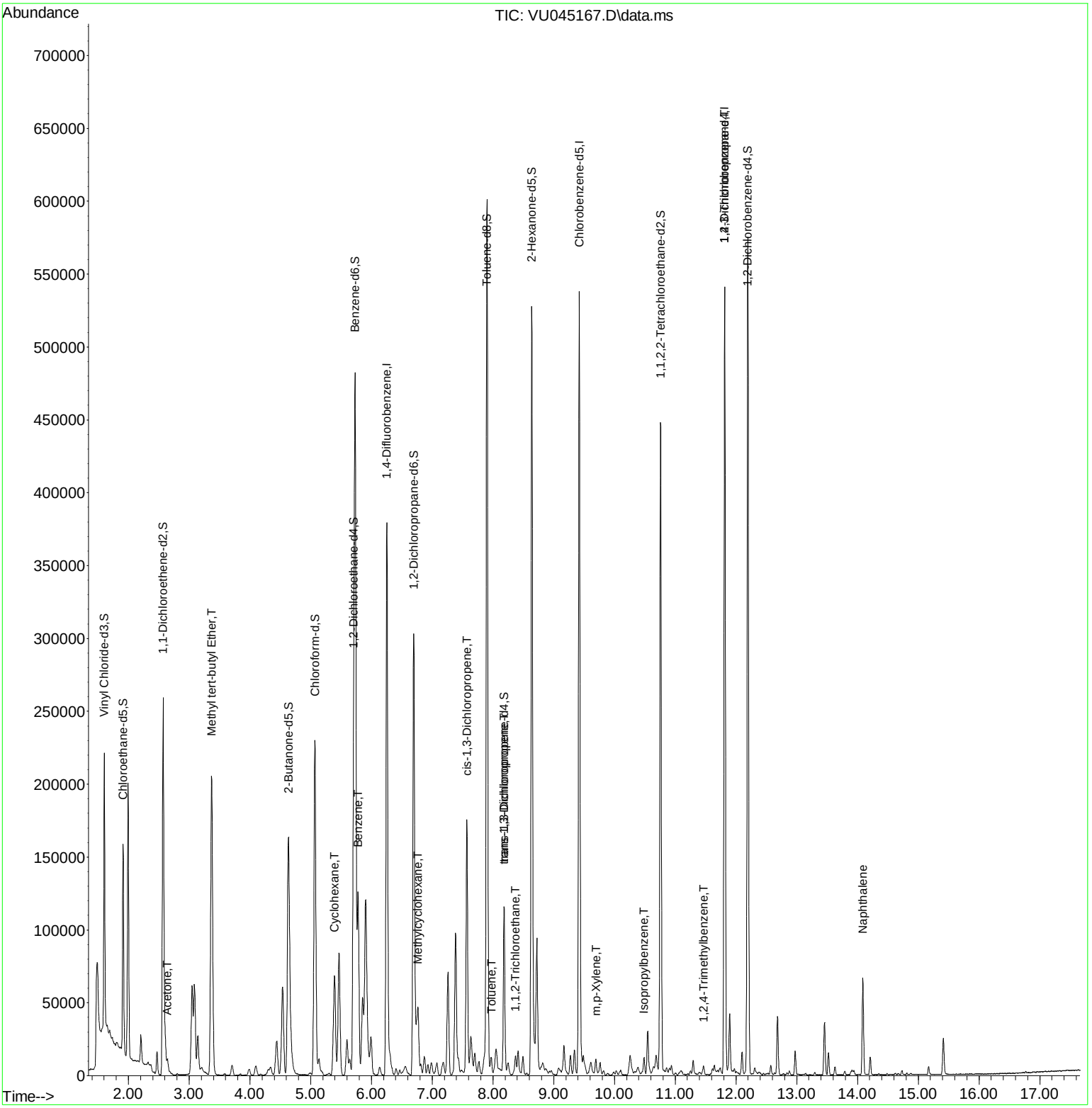
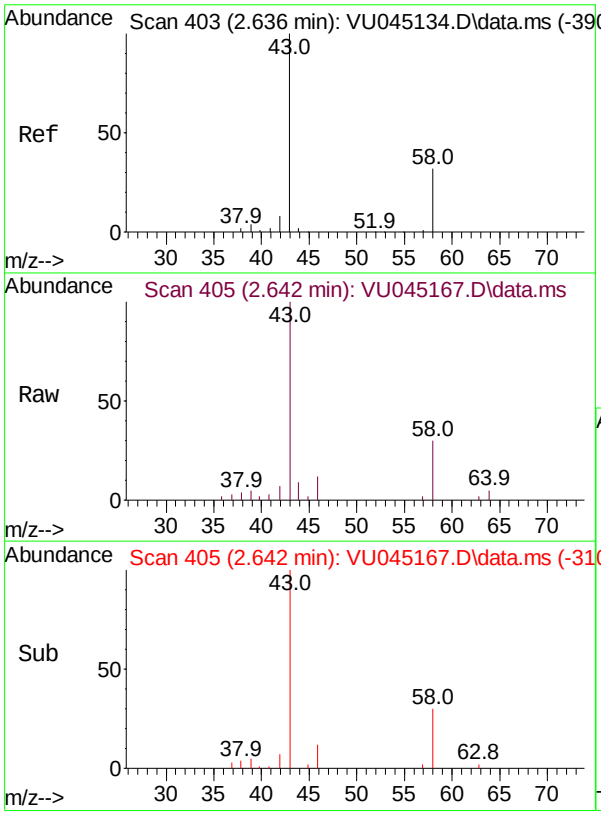
Quant Time: Oct 06 04:39:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

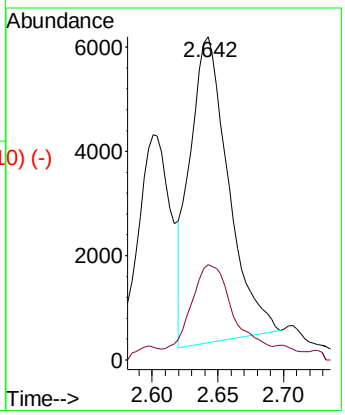




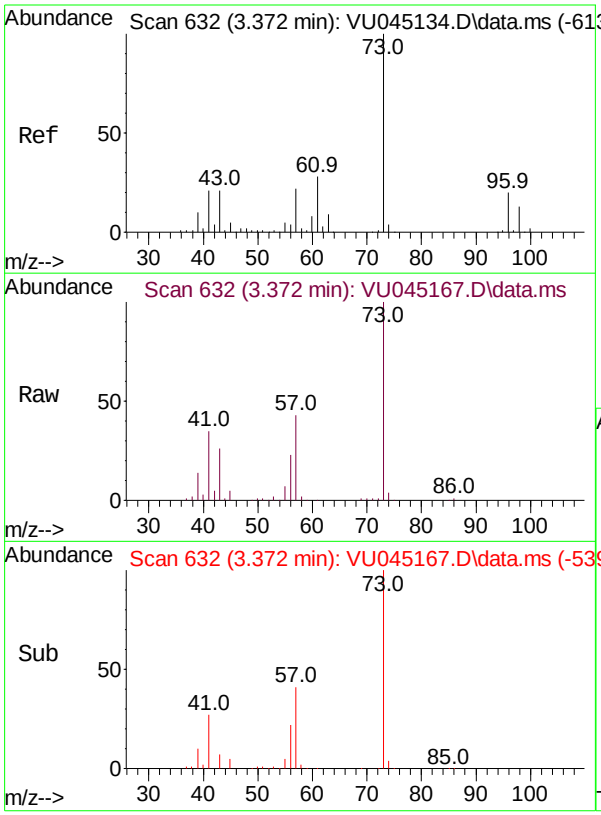
#13
Acetone
Concen: 4.010 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.007 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 43 Resp: 11923

Ion	Ratio	Lower	Upper
43	100		
58	31.1	0.0	62.8



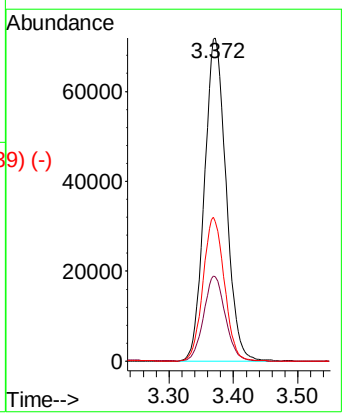
Instrument :
MSVOA_U
ClientSampleId :
F4A29



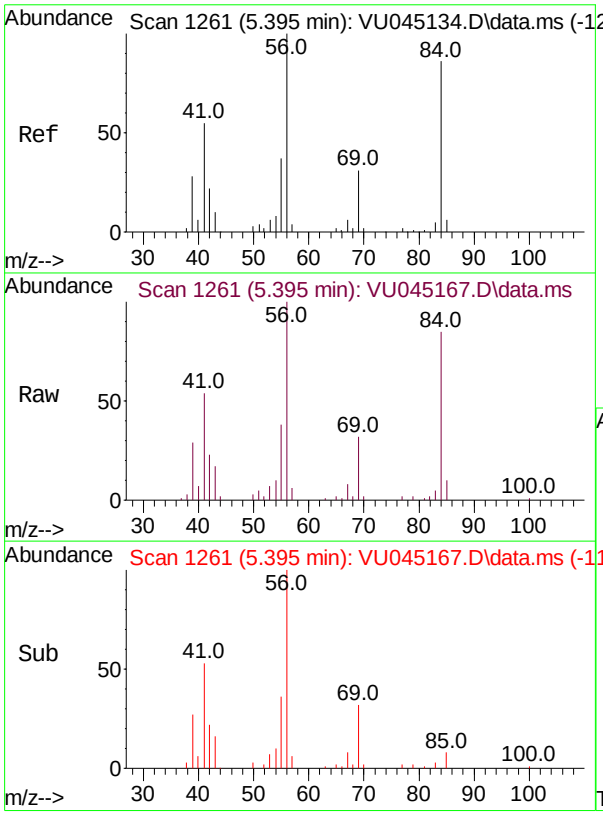
#18
Methyl tert-butyl Ether
Concen: 20.994 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 73 Resp: 167847

Ion	Ratio	Lower	Upper
73	100		
43	26.4	17.3	25.9#
57	43.8	18.7	28.1#



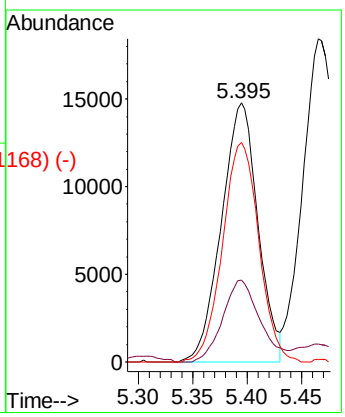
Instrument :
MSVOA_U
ClientSampleId :
F4A29

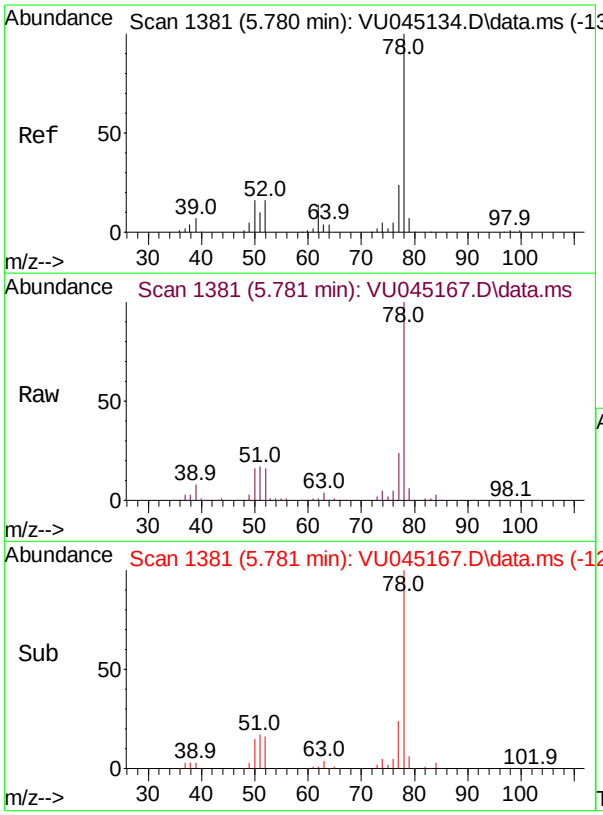


#29
Cyclohexane
Concen: 8.192 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 56 Resp: 34446

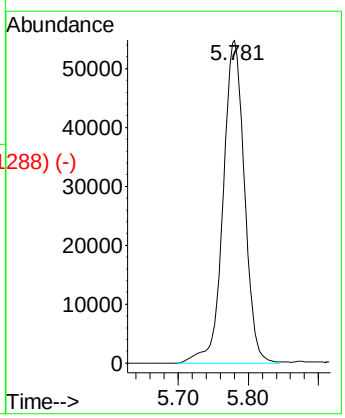
Ion	Ratio	Lower	Upper
56	100		
69	32.4	23.8	35.8
84	84.2	66.8	100.2



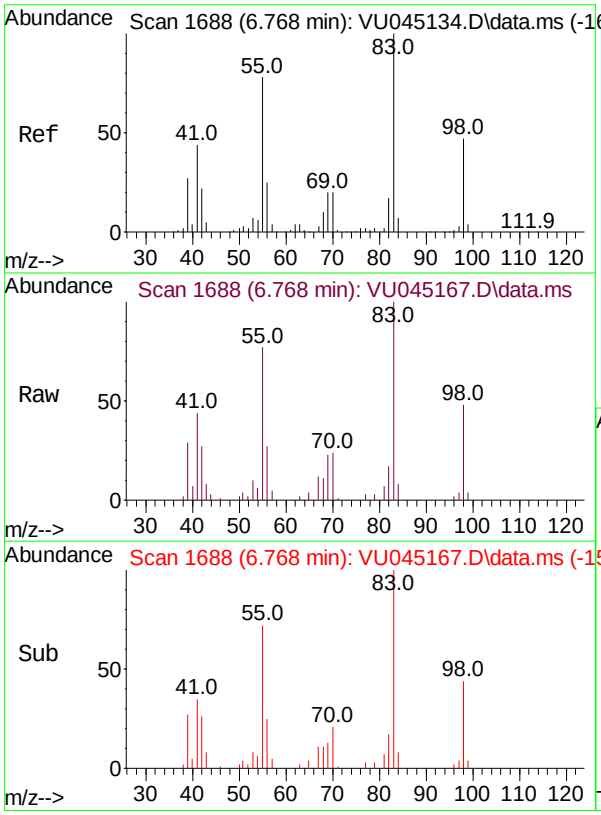


#33
Benzene
Concen: 11.204 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 78 Resp: 116243



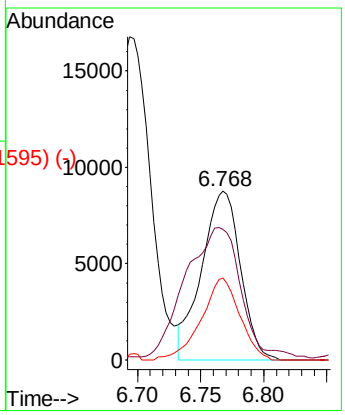
Instrument :
MSVOA_U
ClientSampleId :
F4A29

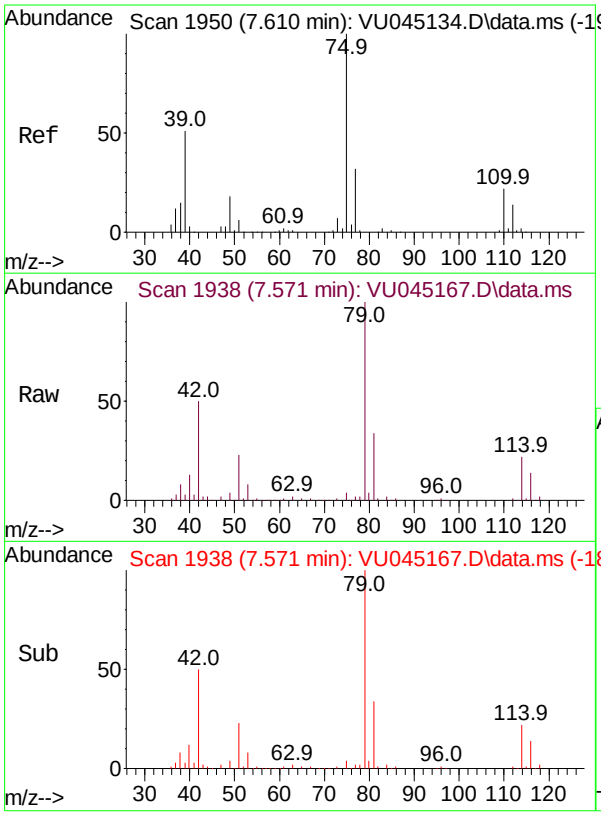


#35
Methylcyclohexane
Concen: 4.502 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 83 Resp: 18785

Ion	Ratio	Lower	Upper
83	100		
55	111.6	65.8	98.6#
98	47.9	37.1	55.7

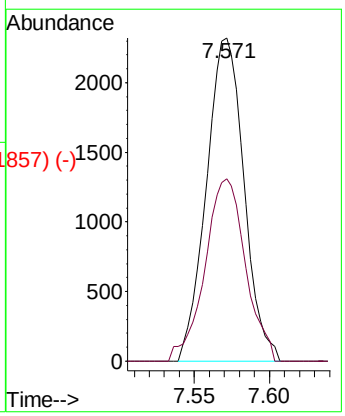


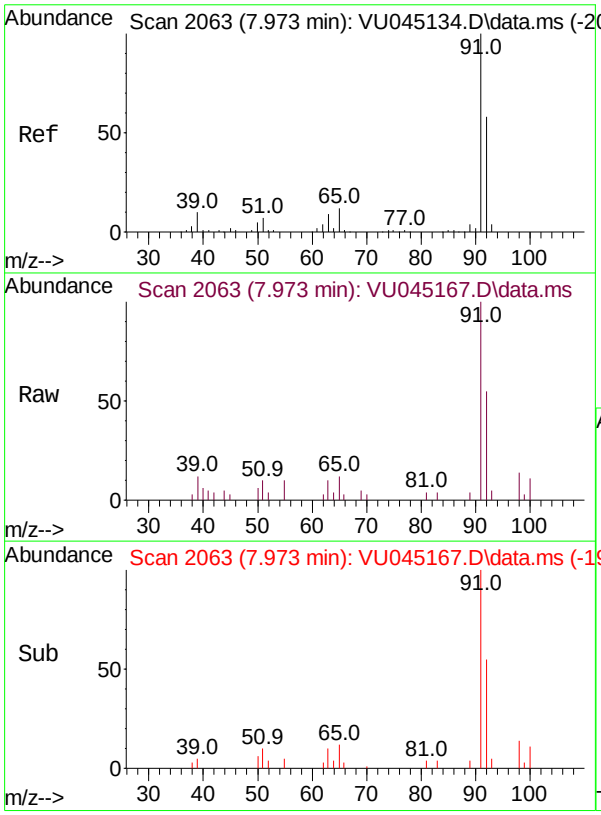


#39
cis-1,3-Dichloropropene
Concen: 1.001 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.038 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 75 Resp: 4044

Ion	Ratio	Lower	Upper
75	100		
77	56.4	22.4	41.6#

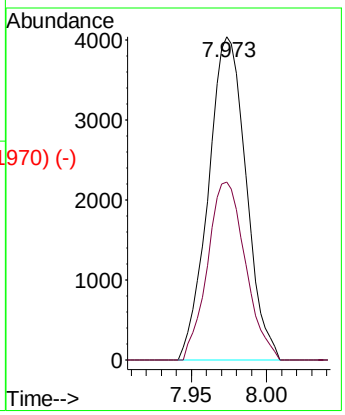




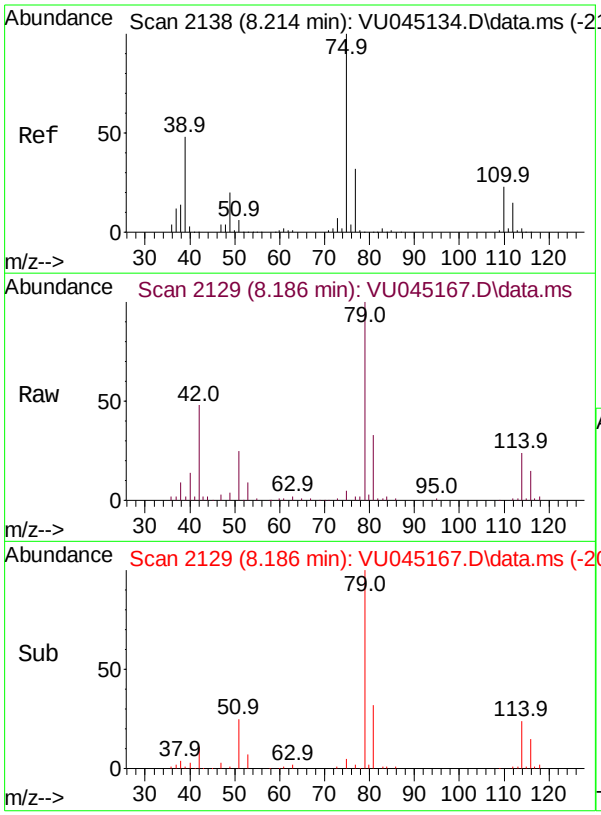
#42
Toluene
Concen: 0.667 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 91 Resp: 7034

Ion	Ratio	Lower	Upper
91	100		
92	55.1	40.5	75.1



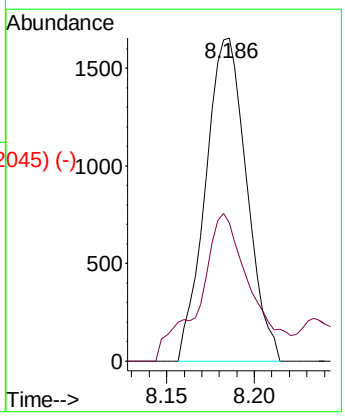
Instrument :
MSVOA_U
ClientSampleId :
F4A29



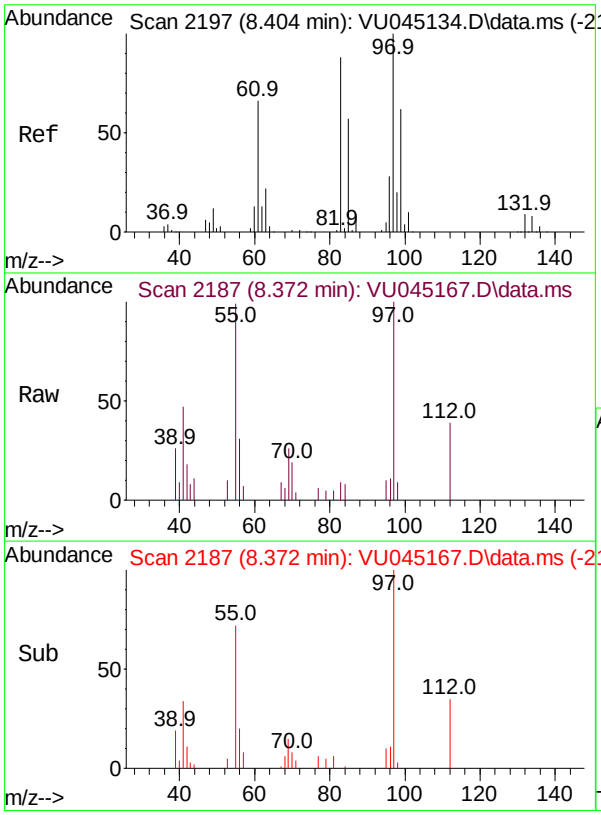
#44
trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 75 Resp: 2694

Ion	Ratio	Lower	Upper
75	100		
77	42.8	21.7	40.3#



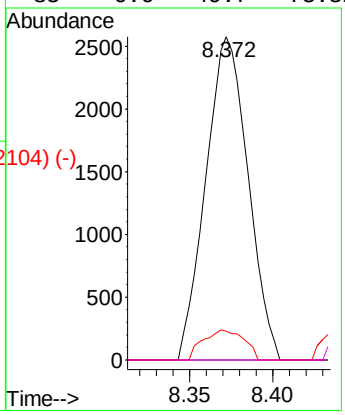
Instrument :
MSVOA_U
ClientSampleId :
F4A29

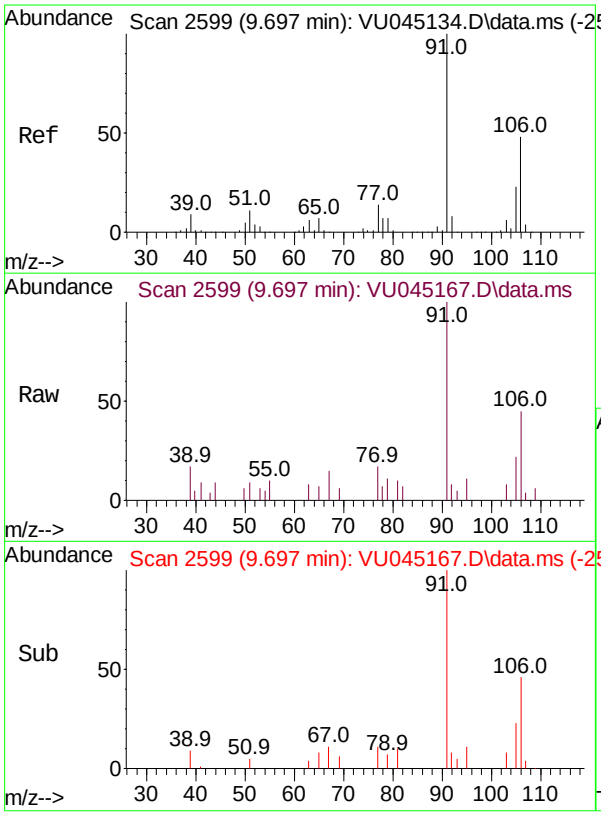


#45
1,1,2-Trichloroethane
Concen: 1.777 ug/L
RT: 8.372 min Scan# 2187
Delta R.T. -0.032 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 97 Resp: 4550

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.7	81.1#
83	8.9	61.9	115.1#
85	0.0	40.7	75.5#

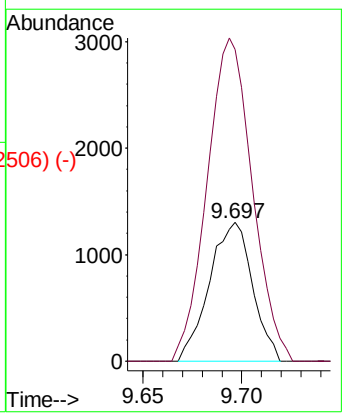




#53
m,p-Xylene
Concen: 0.470 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion:106 Resp: 1984

Ion	Ratio	Lower	Upper
106	100		
91	208.0	146.7	272.4



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MSVOA_U
ClientSampleId :
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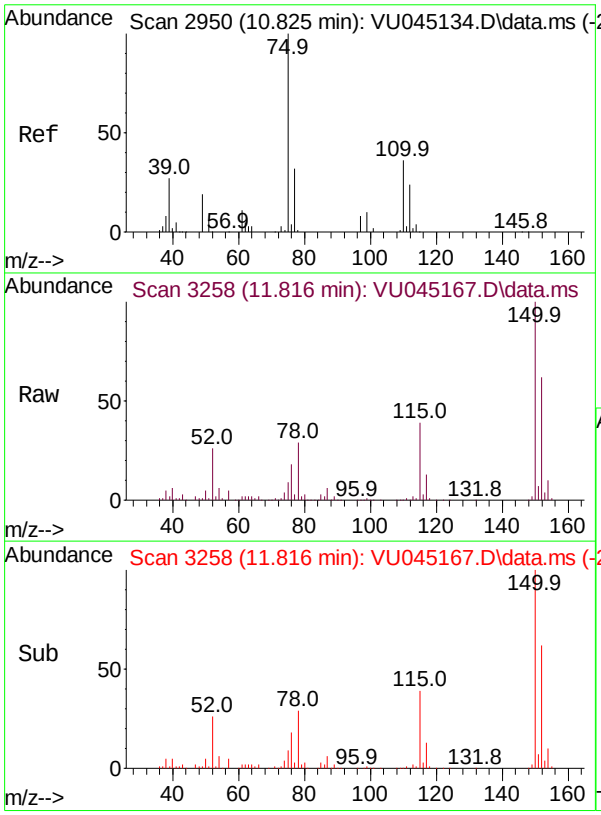
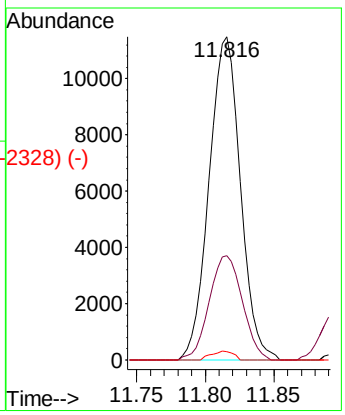
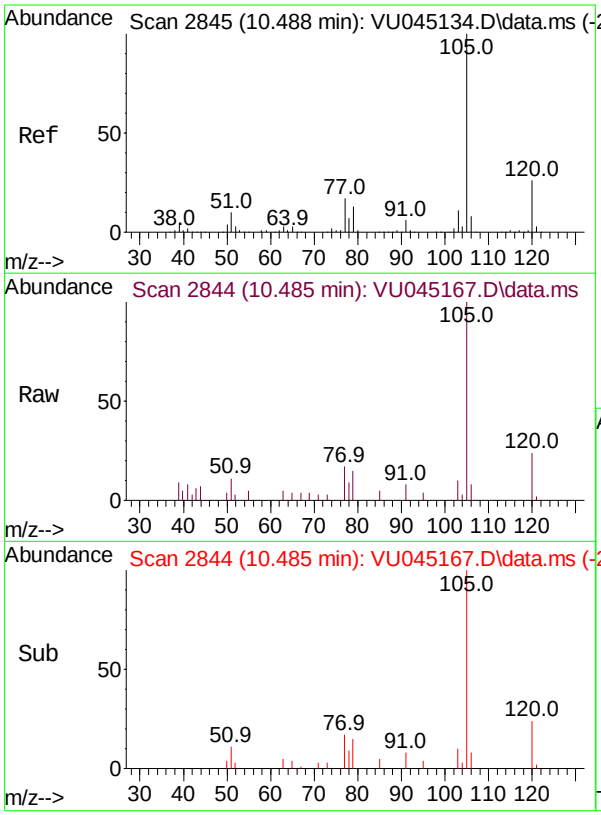


#60
1,2,3-Trichloropropane
Concen: 5.088 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion: 75 Resp: 18150

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.5	38.3
110	1.9	29.0	43.4#

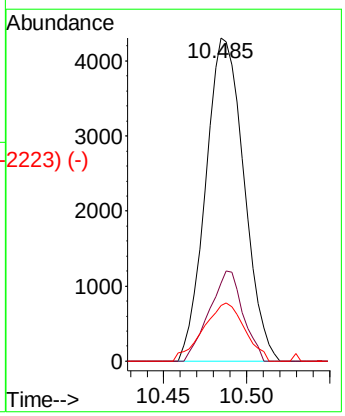




#61
Isopropylbenzene
Concen: 0.730 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion:105 Resp: 6889

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.5	30.7
77	19.4	13.5	20.3



Instrument :
MSVOA_U
ClientSampleId :
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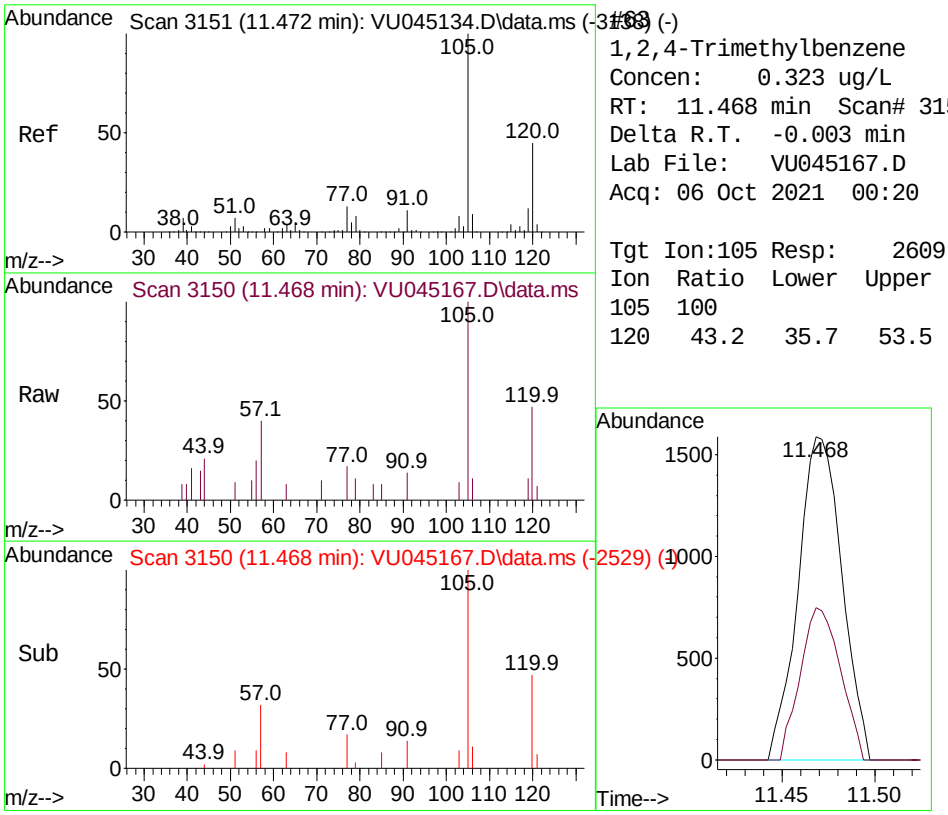
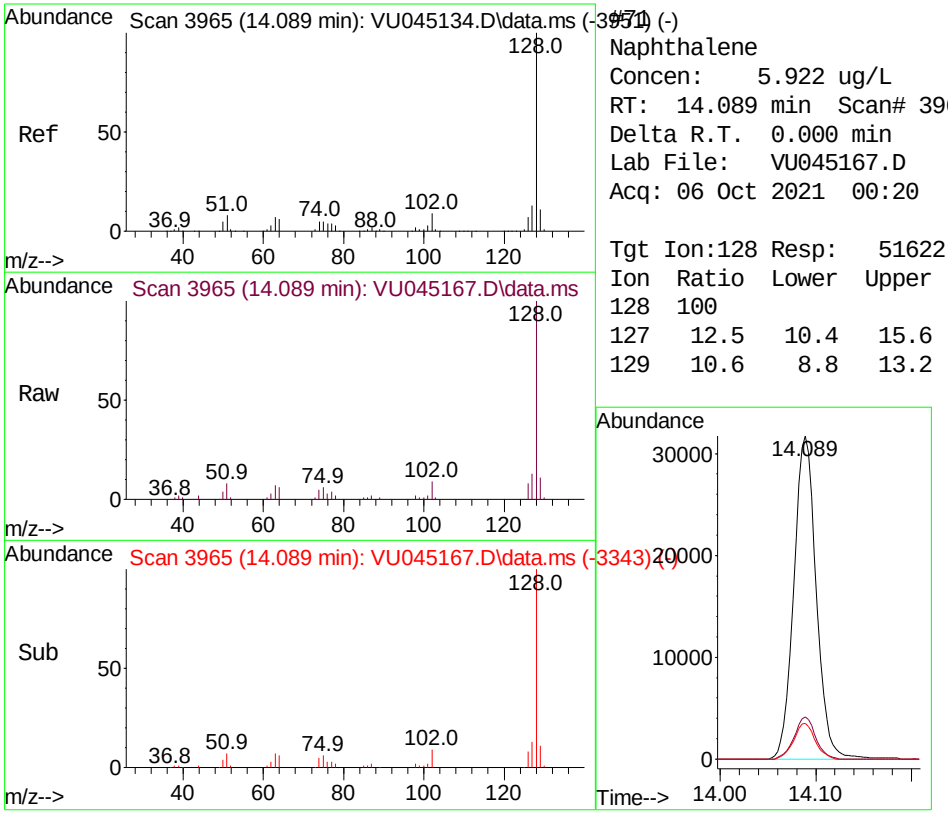


#68
1,2,4-Trimethylbenzene
Concen: 0.323 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion:105 Resp: 2609

Ion	Ratio	Lower	Upper
105	100		
120	43.2	35.7	53.5



#71
Naphthalene
Concen: 5.922 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion:128 Resp: 51622

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.6	8.8	13.2