Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU051019.D
Acq On : 30 Sep 2022 07:24
Operator : JC/MD
Sample : N4859-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 30 07:58:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 02:29:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	386226	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	149405	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168056	42.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.860%			
7) Chloroethane-d5	1.906	69	152058	41.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.640%			
11) 1,1-Dichloroethene-d2	2.565	63	201680	34.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.760%			
21) 2-Butanone-d5	4.623	46	254335	100.183	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.180%			
24) Chloroform-d	5.060	84	300807	47.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.700	65	195521	50.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.180%			
32) Benzene-d6	5.726	84	587101	51.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.820%			
36) 1,2-Dichloropropane-d6	6.687	67	200394	54.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.200%			
41) Toluene-d8	7.896	98	464873	44.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.980%			
43) trans-1,3-Dichloroprop...	8.179	79	74276	42.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.860%			
47) 2-Hexanone-d5	8.632	63	126261	85.200	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.200%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	300370	46.829	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.660%			
66) 1,2-Dichlorobenzene-d4	12.192	152	164889	51.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.320%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1850	0.627	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1628	0.591	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	2713	0.926	ug/L	85
20) cis-1,2-Dichloroethene	4.665	96	4604	1.407	ug/L	97
33) Benzene	5.774	78	116432	9.888	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	4405	0.981	ug/L #	47
44) trans-1,3-Dichloropropene	8.176	75	3389	0.746	ug/L	97
52) Ethylbenzene	9.568	91	141490	10.591	ug/L	99
53) m,p-Xylene	9.693	106	14703	2.927	ug/L	93
54) o-Xylene	10.098	106	18109	3.606	ug/L	98
61) Isopropylbenzene	10.484	105	14958	1.541	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	8191	1.030	ug/L	96
71) Naphthalene	14.085	128	28017	2.820	ug/L #	95

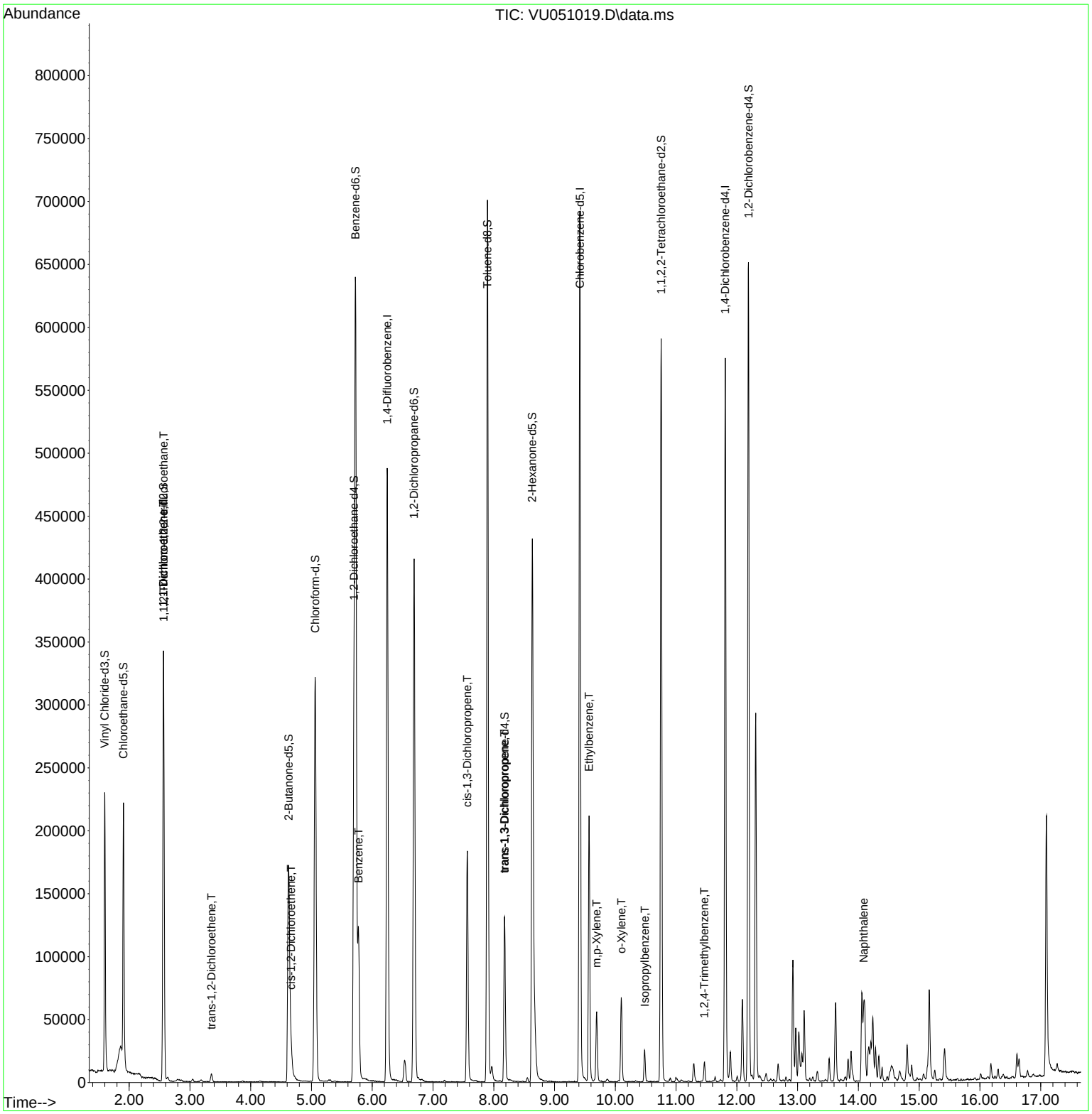
(#) = qualifier out of range (m) = manual integration (+) = signals summed

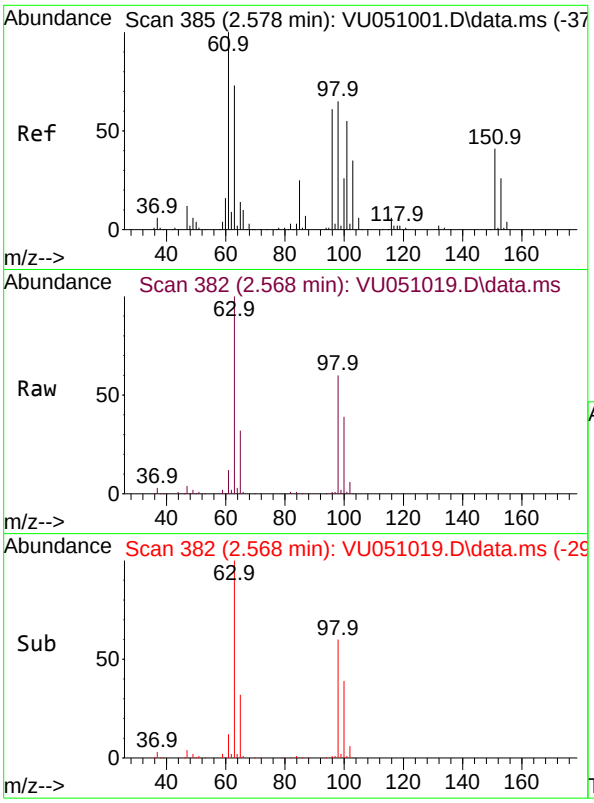
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU051019.D
Acq On : 30 Sep 2022 07:24
Operator : JC/MD
Sample : N4859-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 30 07:58:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 02:29:24 2022
Response via : Initial Calibration



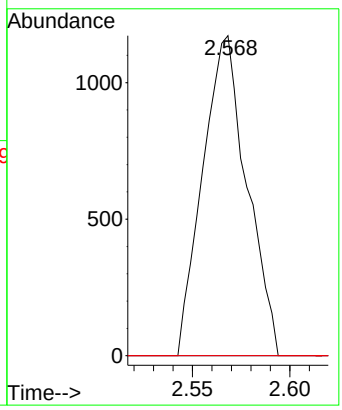


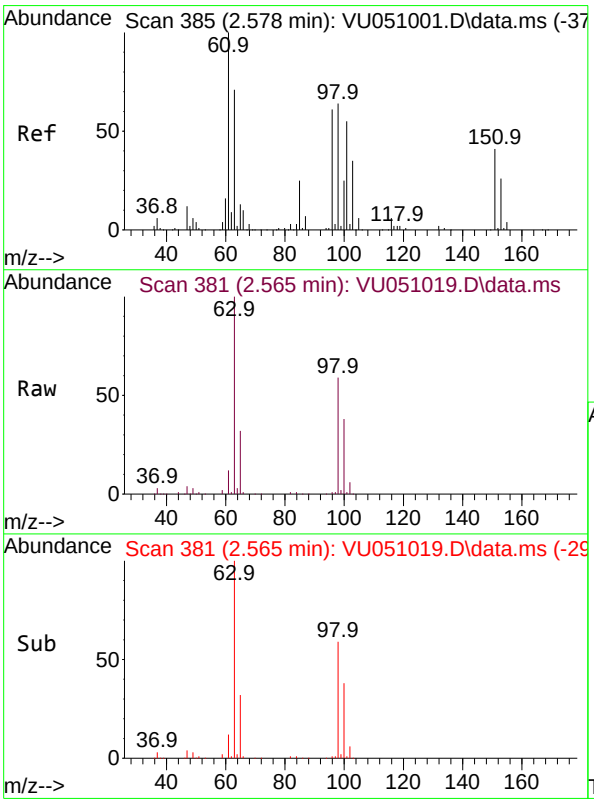
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.627 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 1850

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

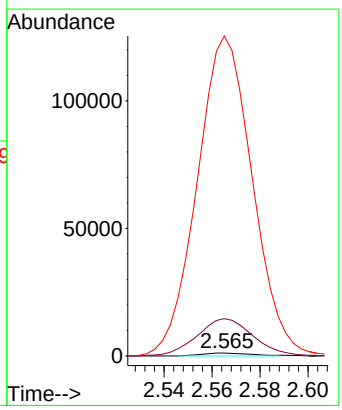


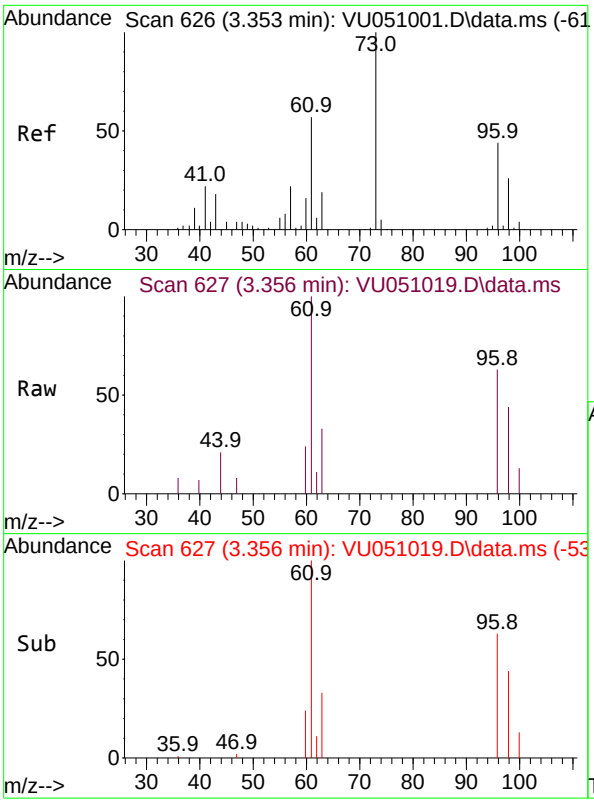


#12
1,1-Dichloroethene
Concen: 0.591 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion: 96 Resp: 1628

Ion	Ratio	Lower	Upper
96	100		
61	1300.5	113.0	209.9#
63	11173.6	91.7	170.3#



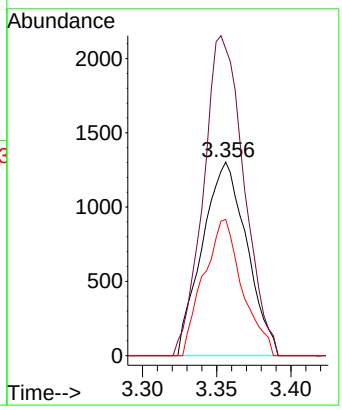


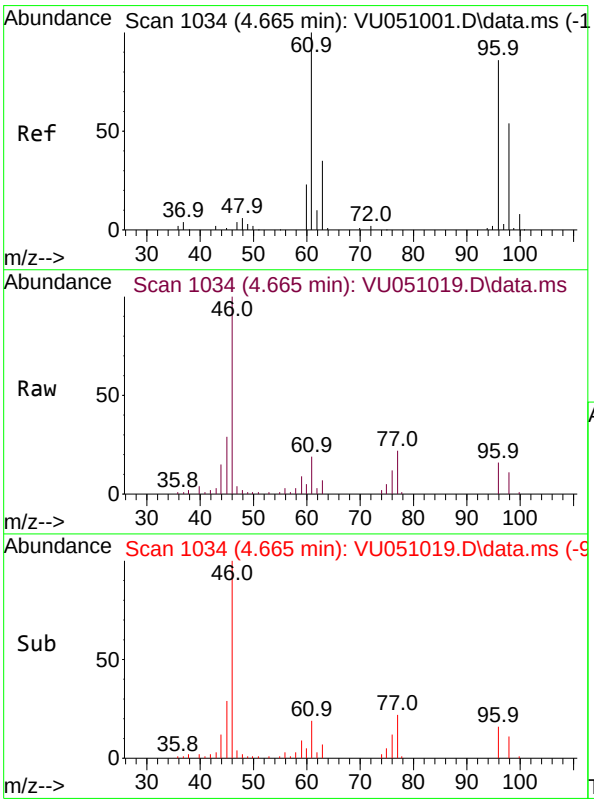
#17
trans-1,2-Dichloroethene
Concen: 0.926 ug/L
RT: 3.356 min Scan# 6
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2713

Ion	Ratio	Lower	Upper
96	100		
61	158.6	95.1	176.5
98	70.4	45.1	83.7

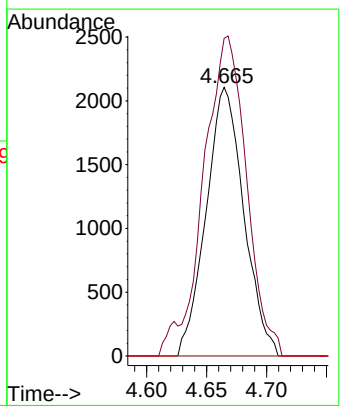


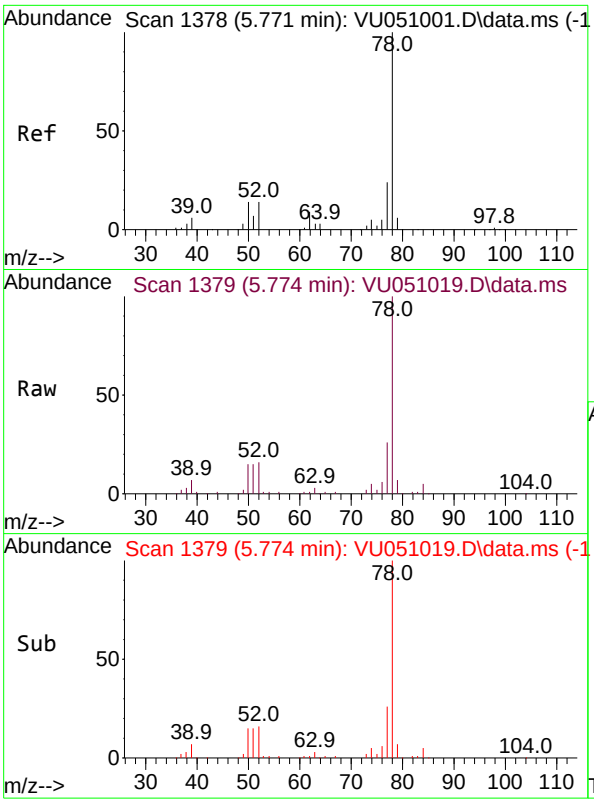


#20
cis-1,2-Dichloroethene
Concen: 1.407 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion: 96 Resp: 4604

Ion	Ratio	Lower	Upper
96	100		
61	118.2	85.4	158.6
68	0.0	0.0	0.0

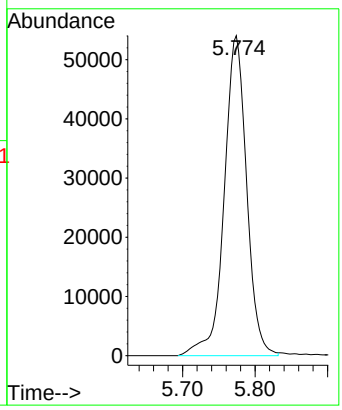


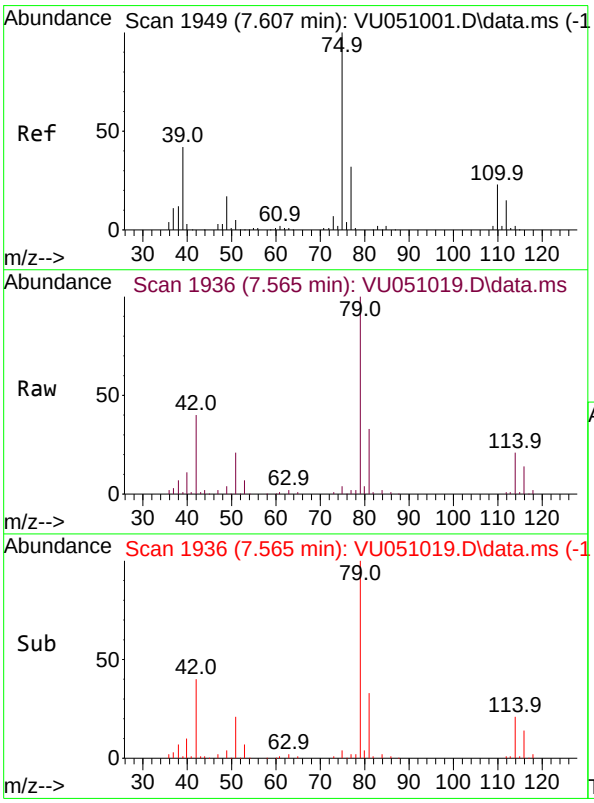


#33
Benzene
Concen: 9.888 ug/L
RT: 5.774 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 116432

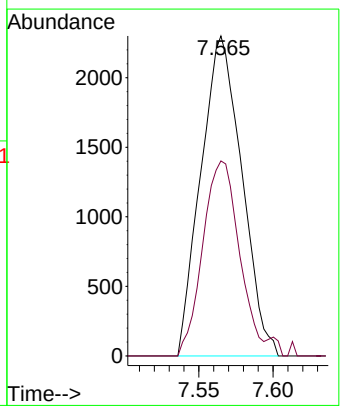


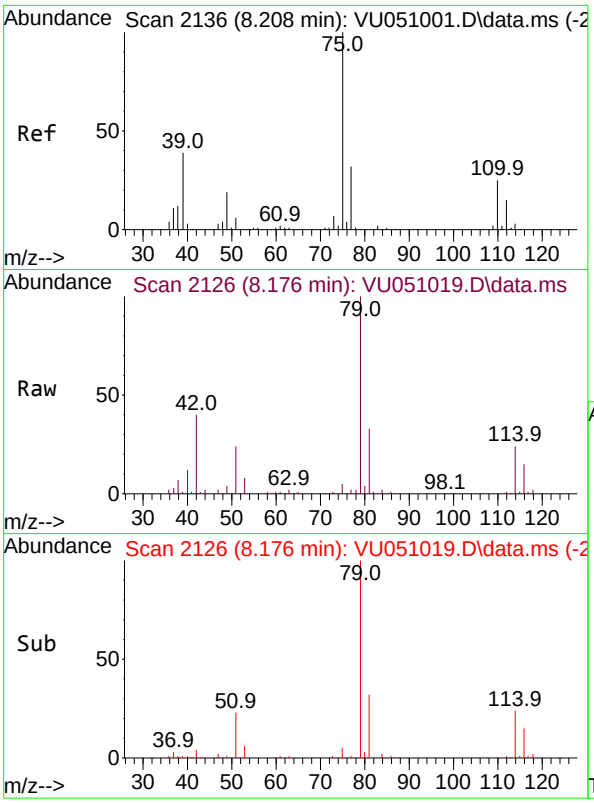


#39
cis-1,3-Dichloropropene
Concen: 0.981 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion: 75 Resp: 4405

Ion	Ratio	Lower	Upper
75	100		
77	61.0	22.0	41.0#



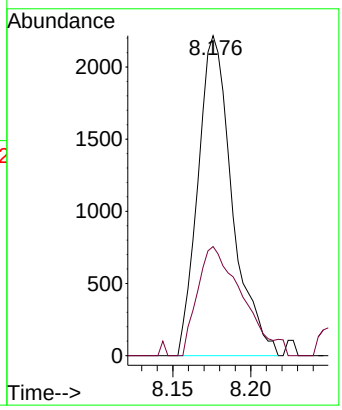


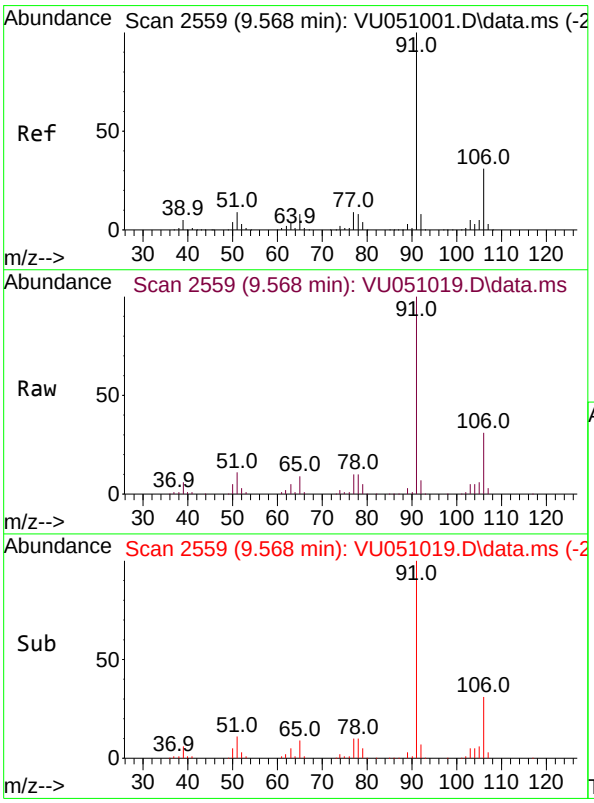
#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 8.176 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3389

Ion	Ratio	Lower	Upper
75	100		
77	34.1	22.7	42.3

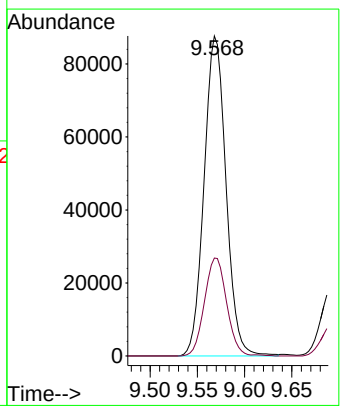


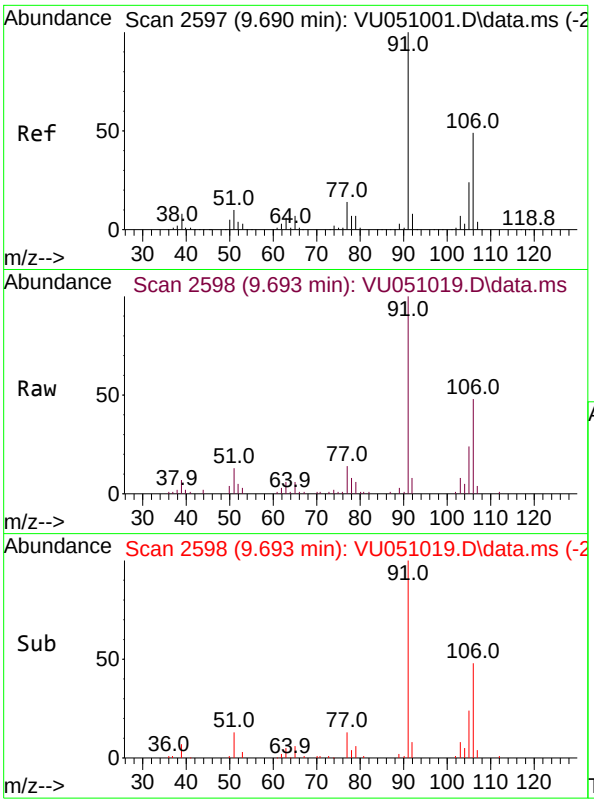


#52
Ethylbenzene
Concen: 10.591 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion: 91 Resp: 141490

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.7	40.3



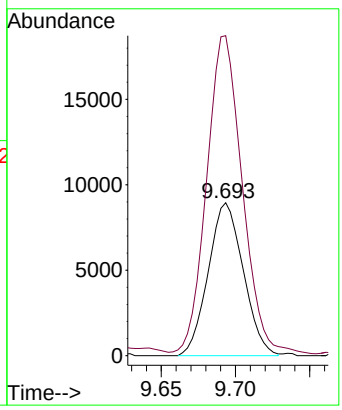


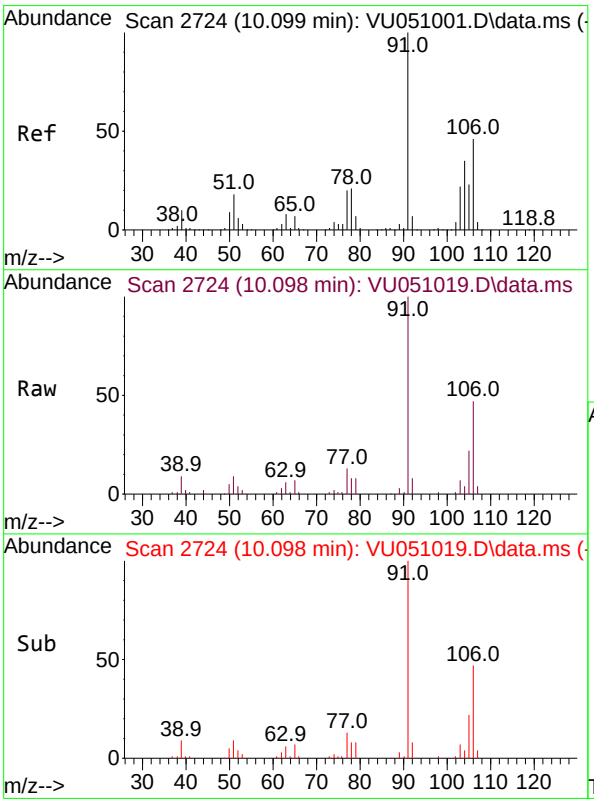
#53
m,p-Xylene
Concen: 2.927 ug/L
RT: 9.693 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 14703

Ion	Ratio	Lower	Upper
106	100		
91	192.1	141.9	263.5

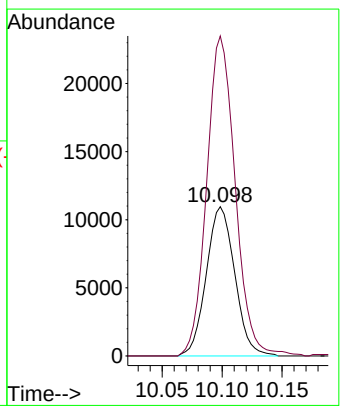


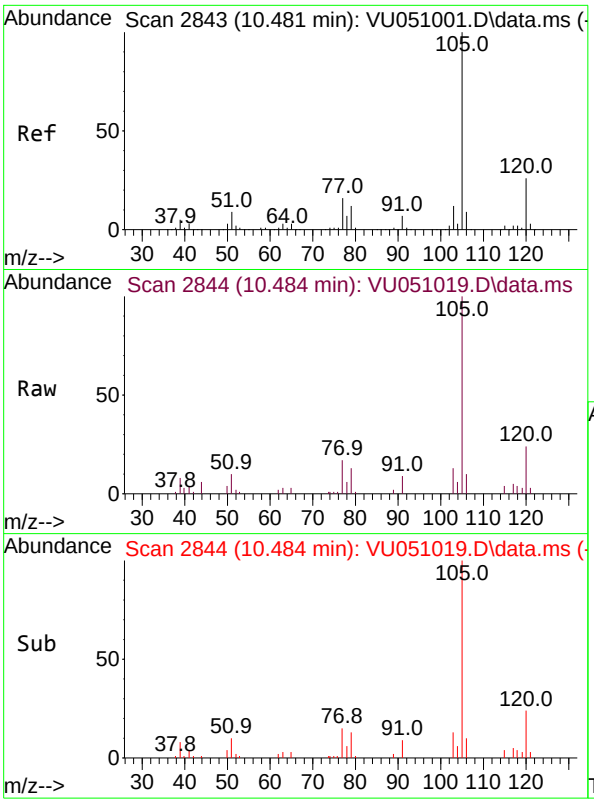


#54
o-Xylene
Concen: 3.606 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion:106 Resp: 18109

Ion	Ratio	Lower	Upper
106	100		
91	214.4	152.4	283.0



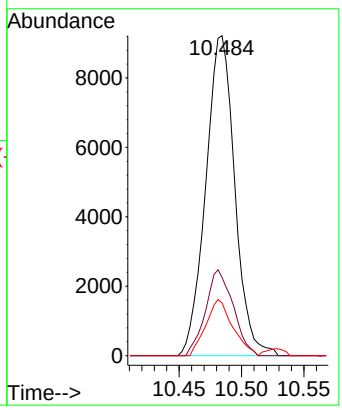


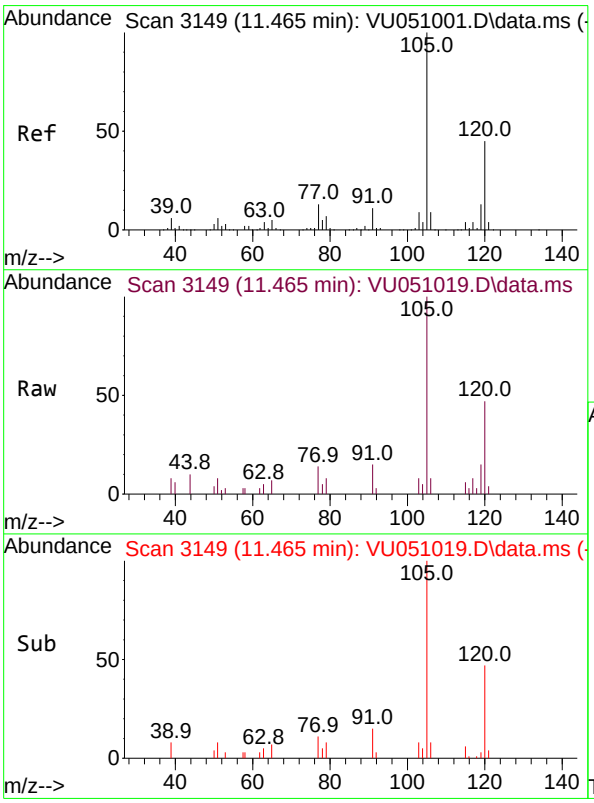
#61
Isopropylbenzene
Concen: 1.541 ug/L
RT: 10.484 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 14958

Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.1	31.7
77	16.2	12.8	19.2

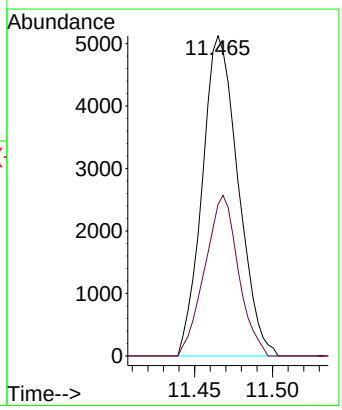


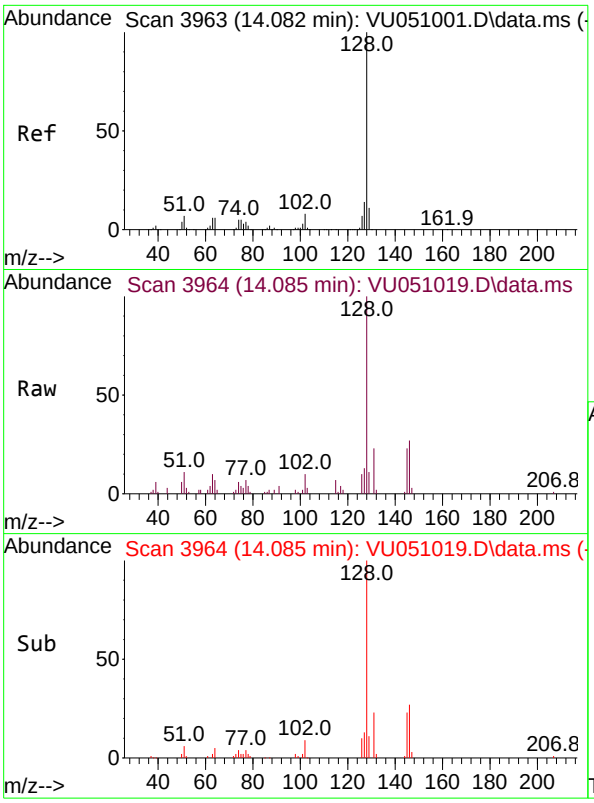


#63
1,2,4-Trimethylbenzene
Concen: 1.030 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion:105 Resp: 8191

Ion	Ratio	Lower	Upper
105	100		
120	47.0	35.5	53.3





#71
Naphthalene
Concen: 2.820 ug/L
RT: 14.085 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 28017

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.7	16.1
129	13.7	8.6	13.0#