Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
Data File : VU051323.D
Acq On : 10 Oct 2022 13:35
Operator : JC/MD
Sample : N5013-03DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Quant Time: Oct 11 01:00:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 00:58:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	208617	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61295	3.642	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.800%			
7) Chloroethane-d5	1.912	69	60282	4.169	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.565	65	25022	3.762	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.200%			
20) 2-Butanone-d5	4.620	46	176655	47.681	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.360%			
24) Chloroform-d	5.060	84	143632	4.578	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.700	65	75358	4.658	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	5.726	84	253740	4.084	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.690	67	92791	4.398	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.000%			
41) Toluene-d8	7.896	98	194543	3.500	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.000%			
43) trans-1,3-Dichloroprop...	8.179	79	30952	4.465	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.200%			
46) 2-Hexanone-d5	8.632	63	100421	42.981	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.960%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	78024	4.629	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.600%			
66) 1,2-Dichlorobenzene-d4	12.192	152	76066	4.573	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
8) Chloroethane	1.932	64	5965	0.399	ug/L	98
16) Methylene chloride	3.041	84	12327	0.549	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	20601	1.162	ug/L	96
33) Benzene	5.771	78	578232	7.669	ug/L	100
42) Toluene	7.970	91	769552	9.616	ug/L	98
51) Chlorobenzene	9.446	112	87435	1.828	ug/L	98
52) Ethylbenzene	9.568	91	82578	1.148	ug/L	96
53) m,p-Xylene	9.690	106	85095	3.051	ug/L	99
54) o-Xylene	10.099	106	26429	1.001	ug/L	92
60) Isopropylbenzene	10.484	105	15568	0.257	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	4278	0.266	ug/L	94
63) 1,2,4-Trimethylbenzene	11.465	105	15520	0.341	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	3420	0.116	ug/L	93
67) 1,2-Dichlorobenzene	12.214	146	3929	0.135	ug/L	92

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

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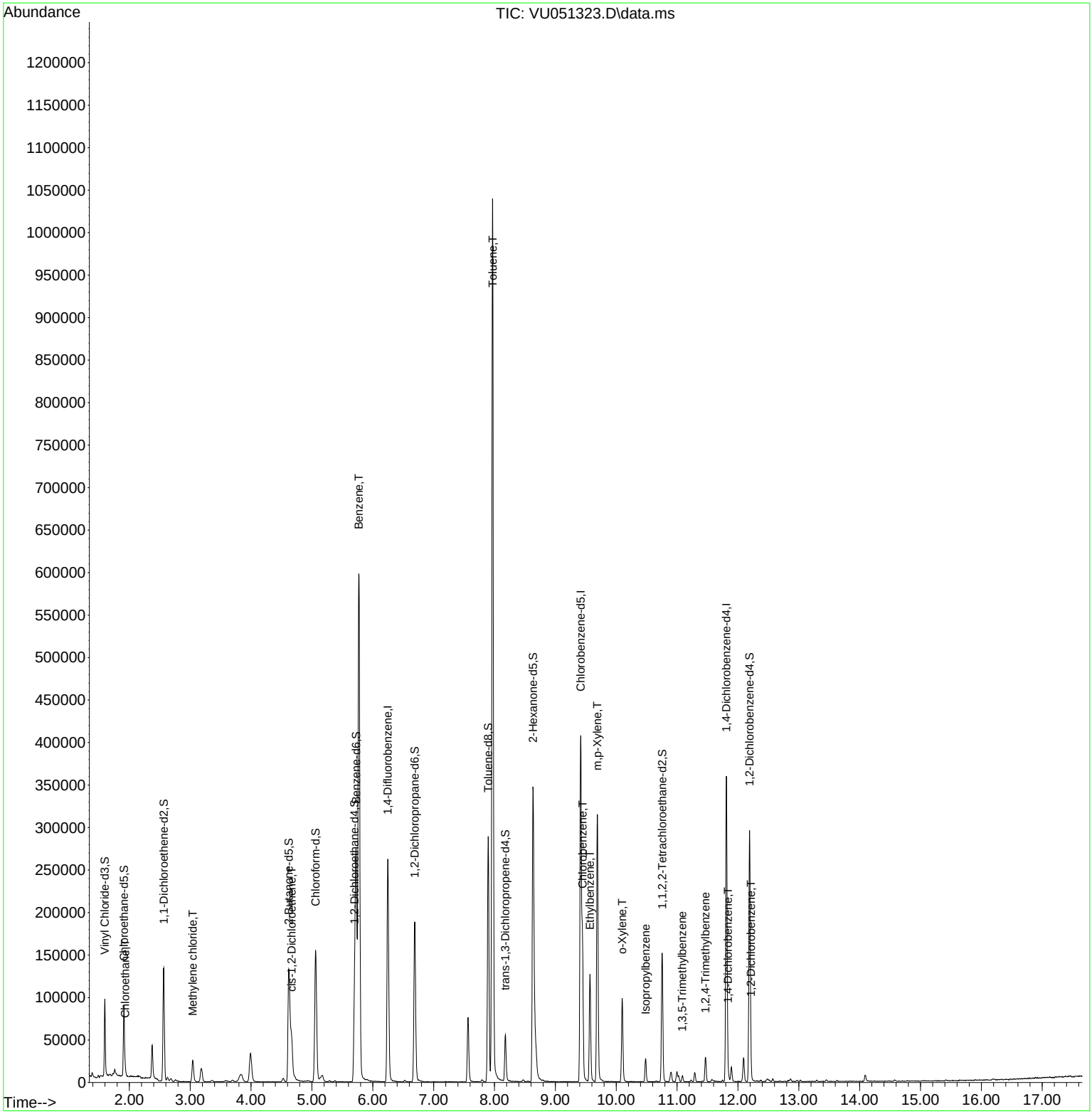
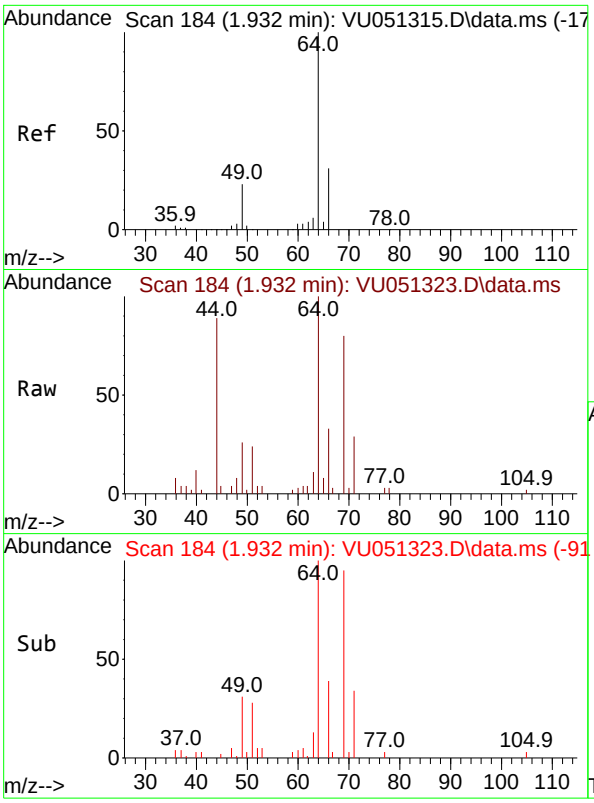
Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Quant Time: Oct 11 01:00:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 00:58:34 2022
Response via : Initial Calibration



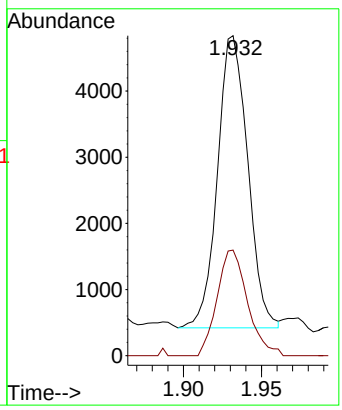


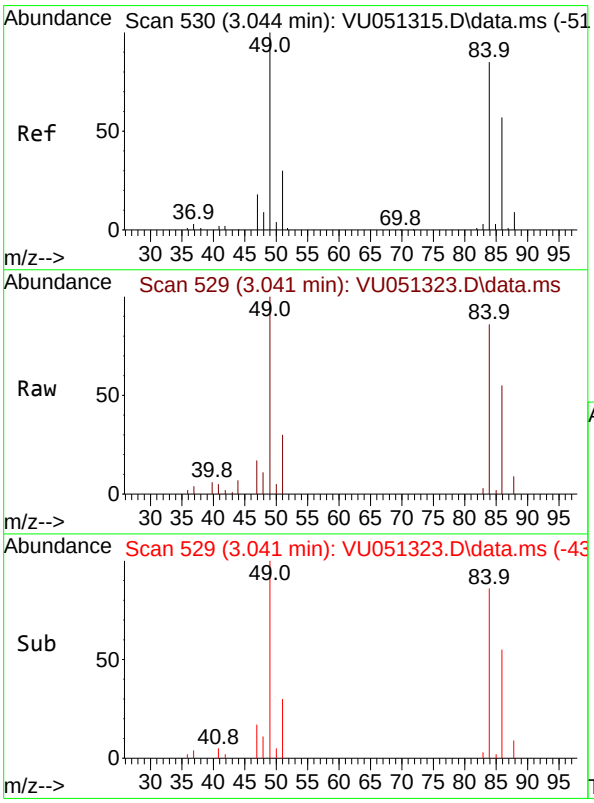
#8
Chloroethane
Concen: 0.399 ug/L
RT: 1.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Tgt Ion: 64 Resp: 5965

Ion	Ratio	Lower	Upper
64	100		
66	33.0	22.3	41.3

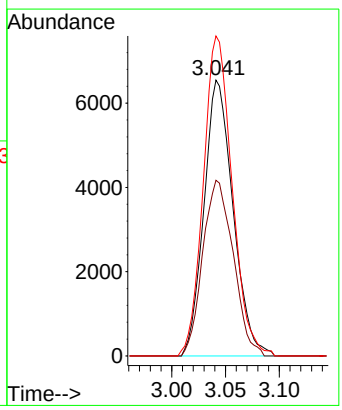


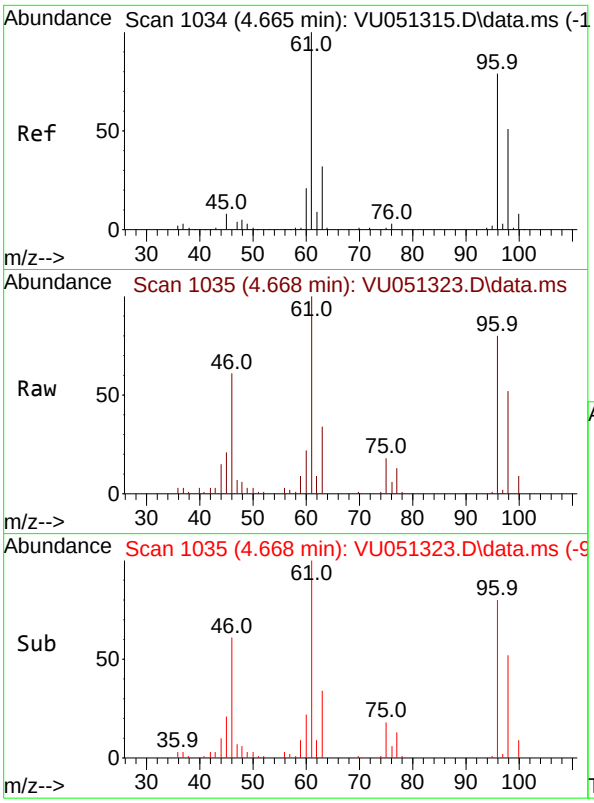


#16
Methylene chloride
Concen: 0.549 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Tgt Ion: 84 Resp: 12327

Ion	Ratio	Lower	Upper
84	100		
86	63.7	46.5	86.3
49	116.0	81.3	151.1



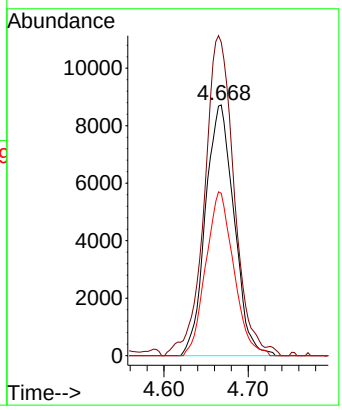


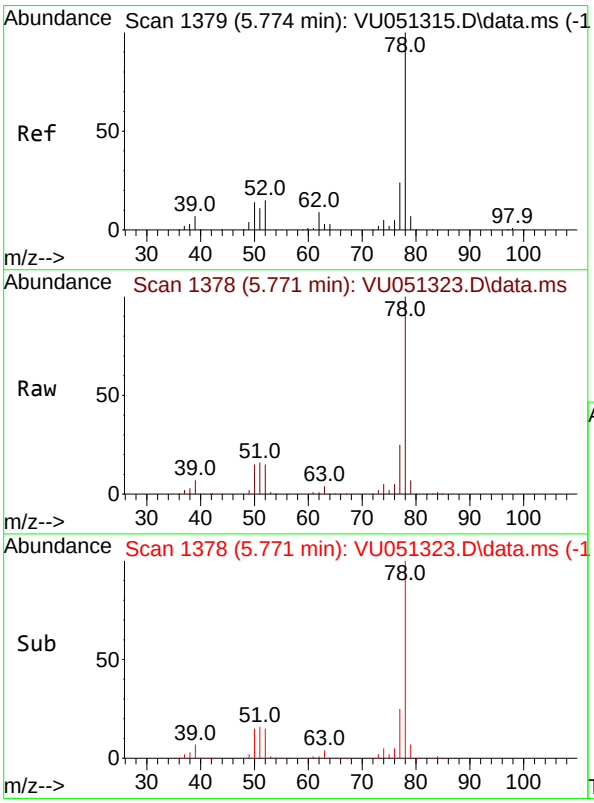
#22
cis-1,2-Dichloroethene
Concen: 1.162 ug/L
RT: 4.668 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Tgt Ion: 96 Resp: 20601

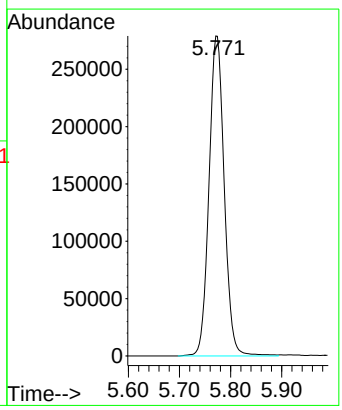
Ion	Ratio	Lower	Upper
96	100		
61	125.1	90.6	168.2
98	64.8	47.5	88.3

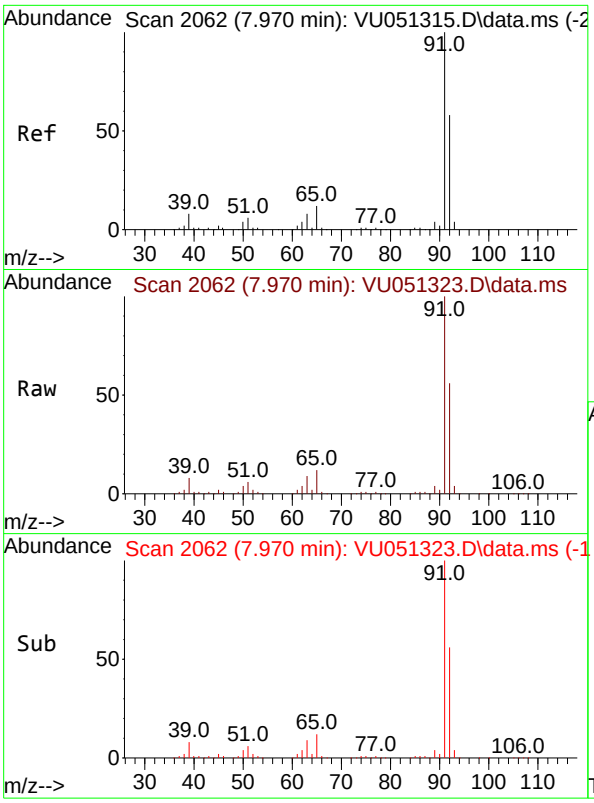




#33
Benzene
Concen: 7.669 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Tgt Ion: 78 Resp: 578232



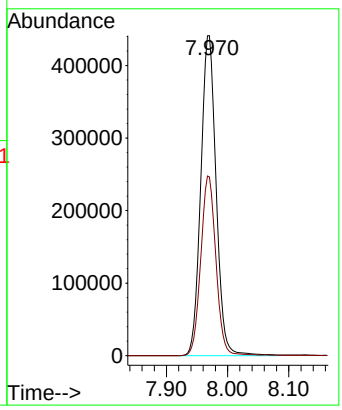


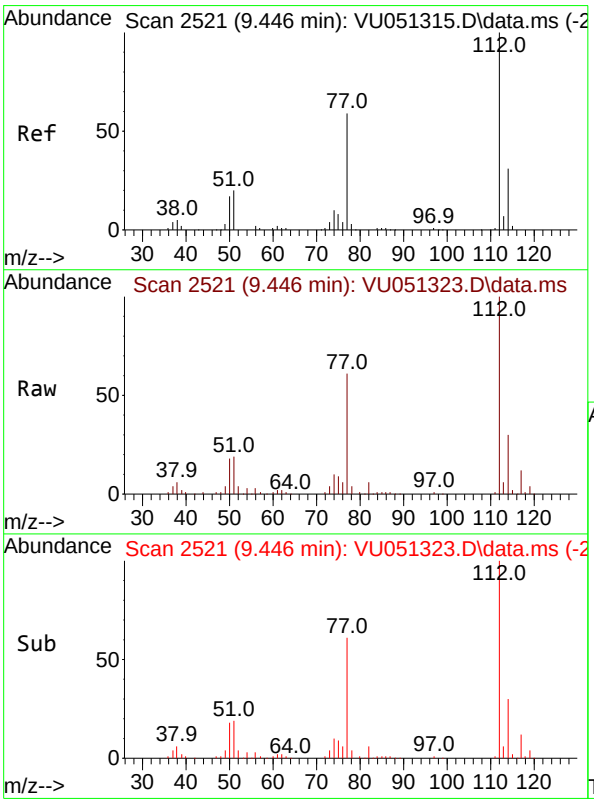
#42
Toluene
Concen: 9.616 ug/L
RT: 7.970 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Tgt Ion: 91 Resp: 769552

Ion	Ratio	Lower	Upper
91	100		
92	55.9	39.9	74.1

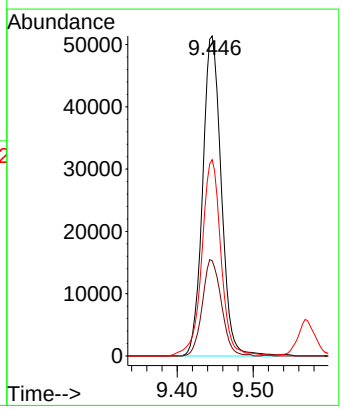


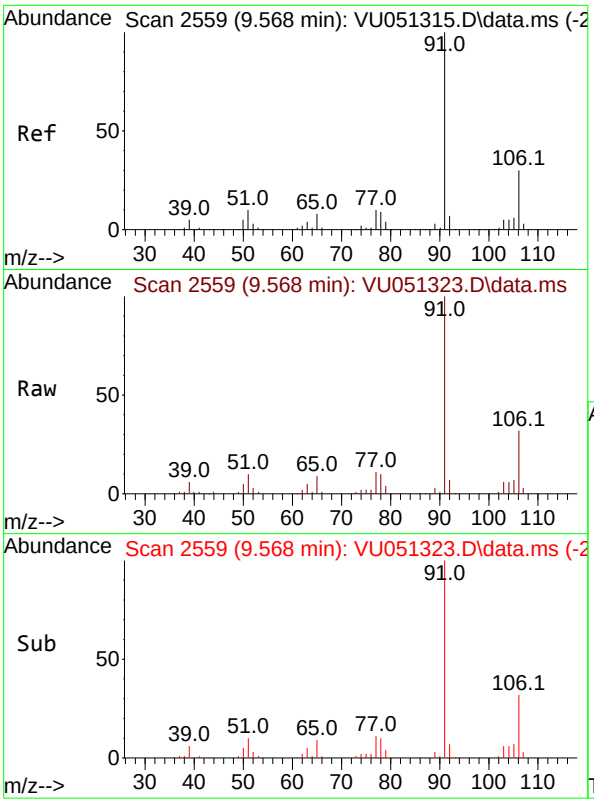


#51
Chlorobenzene
Concen: 1.828 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Tgt Ion:112 Resp: 87435

Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.3	41.5
77	61.4	48.1	72.1



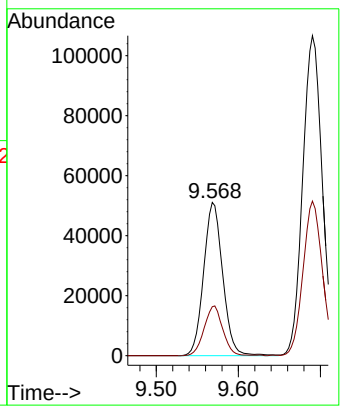


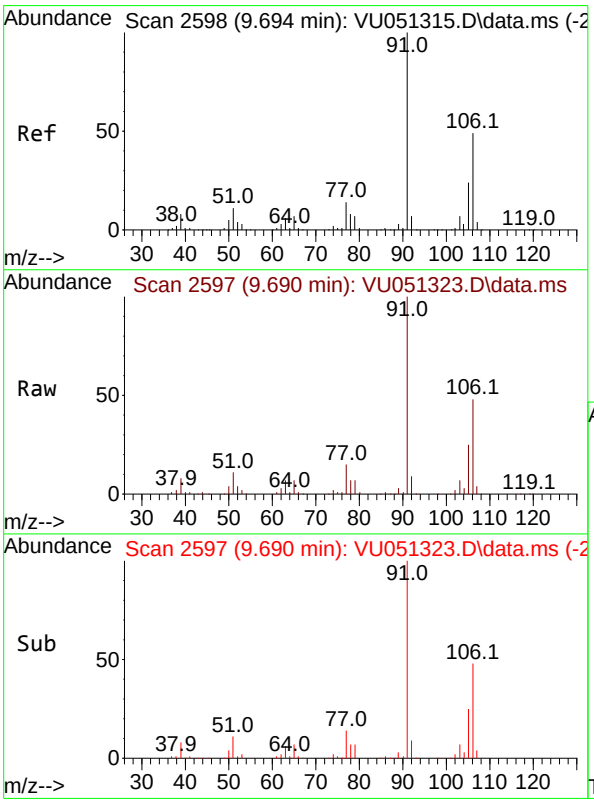
#52
Ethylbenzene
Concen: 1.148 ug/L
RT: 9.568 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Tgt Ion: 91 Resp: 82578

Ion	Ratio	Lower	Upper
91	100		
106	31.9	20.9	38.7

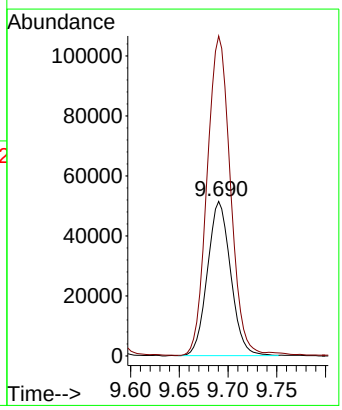


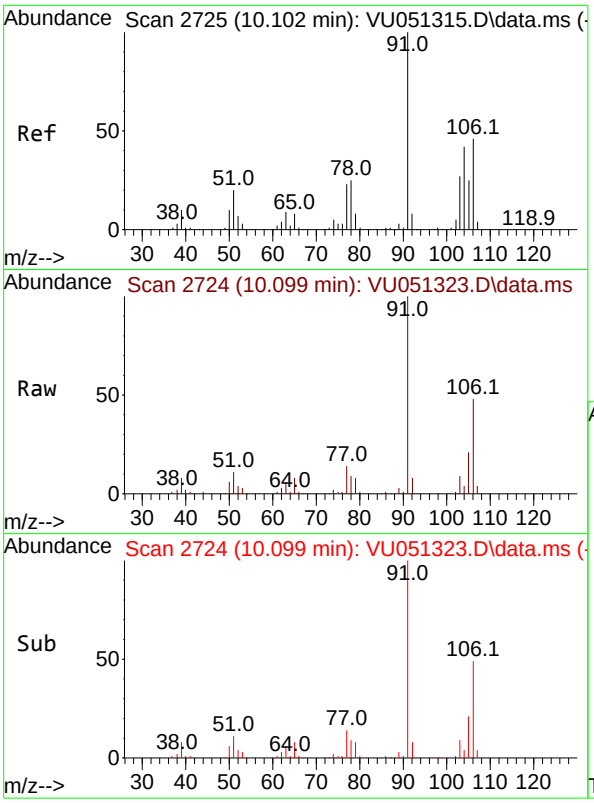


#53
m,p-Xylene
Concen: 3.051 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Tgt Ion:106 Resp: 85095

Ion	Ratio	Lower	Upper
106	100		
91	206.9	143.9	267.3



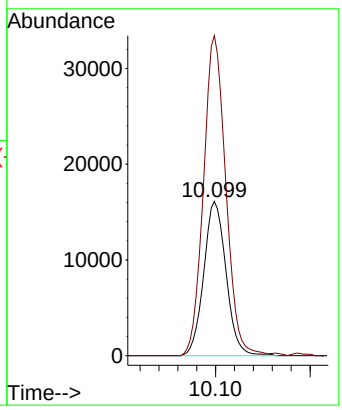


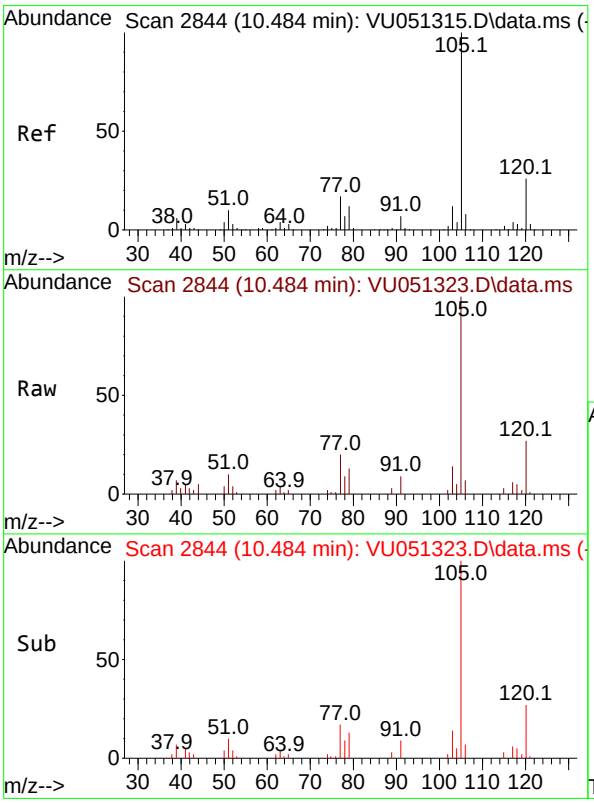
#54
o-Xylene
Concen: 1.001 ug/L
RT: 10.099 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Tgt Ion:106 Resp: 26429

Ion	Ratio	Lower	Upper
106	100		
91	207.5	154.4	286.8

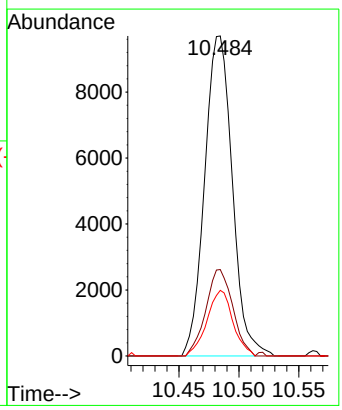


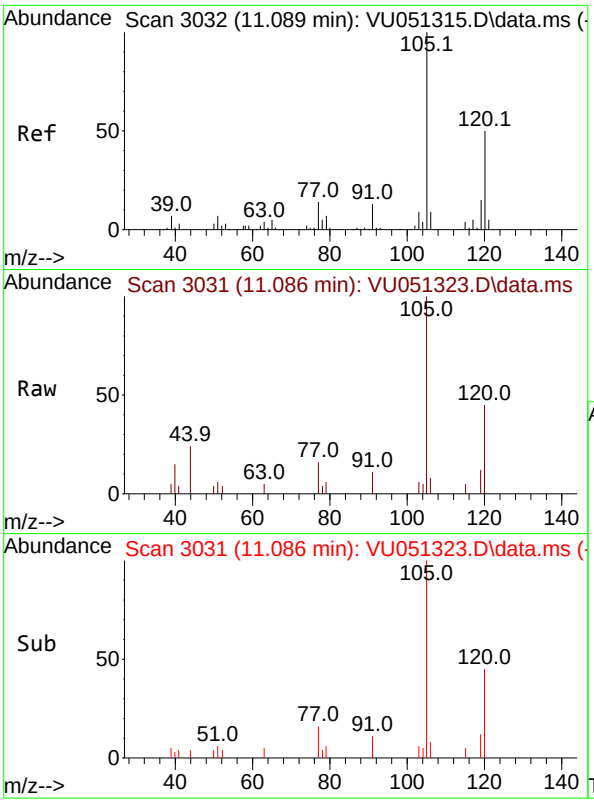


#60
Isopropylbenzene
Concen: 0.257 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Tgt Ion:105 Resp: 15568

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.6	30.8
77	19.2	13.5	20.3



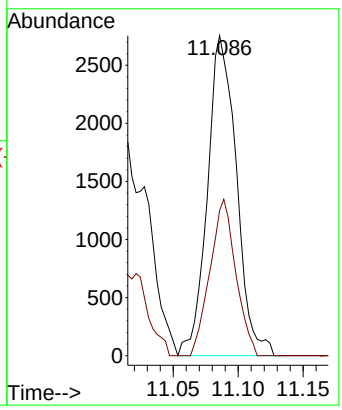


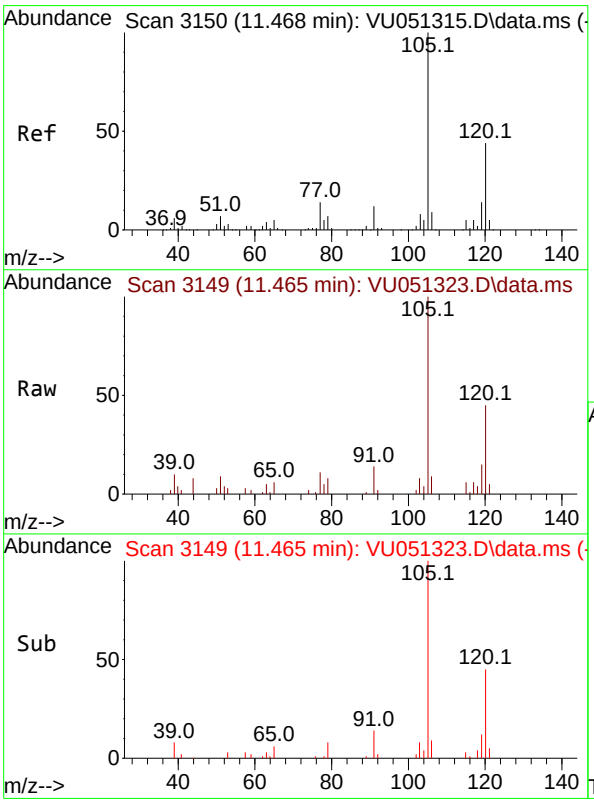
#62
1,3,5-Trimethylbenzene
Concen: 0.266 ug/L
RT: 11.086 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Tgt Ion:105 Resp: 4278

Ion	Ratio	Lower	Upper
105	100		
120	43.4	37.7	56.5

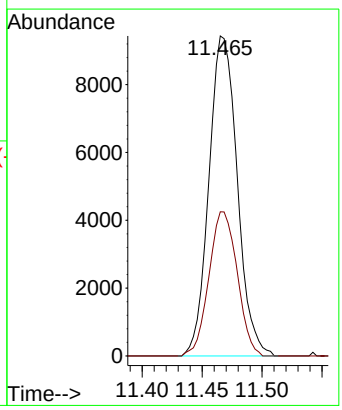


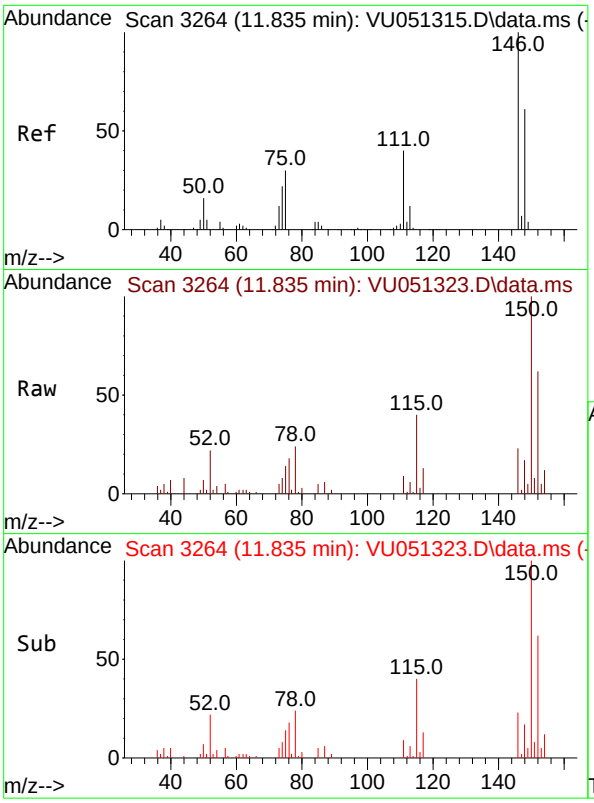


#63
1,2,4-Trimethylbenzene
Concen: 0.341 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Tgt Ion:105 Resp: 15520

Ion	Ratio	Lower	Upper
105	100		
120	44.9	35.6	53.4



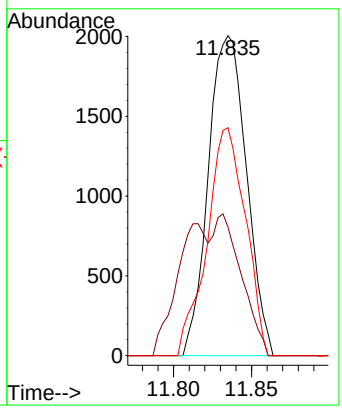


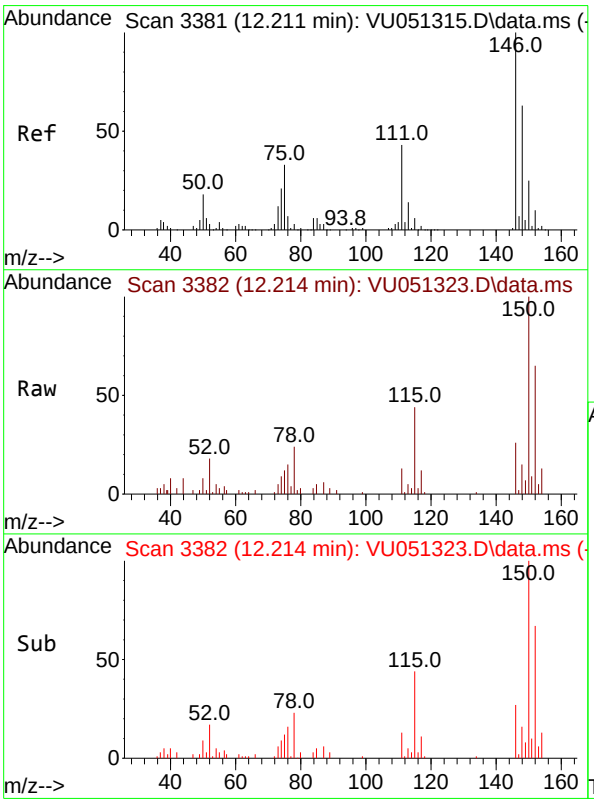
#65
1,4-Dichlorobenzene
Concen: 0.116 ug/L
RT: 11.835 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
BHA40DL

Tgt Ion:146 Resp: 3420

Ion	Ratio	Lower	Upper
146	100		
111	40.2	29.1	54.1
148	71.3	44.2	82.0





#67
1,2-Dichlorobenzene
Concen: 0.135 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU051323.D
Acq: 10 Oct 2022 13:35

Tgt Ion:146 Resp: 3929

Ion	Ratio	Lower	Upper
146	100		
111	49.2	35.5	53.3
148	57.5	50.9	76.3