Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
Data File : VU051324.D
Acq On : 10 Oct 2022 14:00
Operator : JC/MD
Sample : N5013-04DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Quant Time: Oct 11 01:01:07 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	206304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	226008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	95357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	60638	3.644	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.800%			
7) Chloroethane-d5	1.910	69	58551	4.095	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.800%			
11) 1,1-Dichloroethene-d2	2.562	65	25453	3.869	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.400%			
20) 2-Butanone-d5	4.620	46	195367	53.322	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.640%			
24) Chloroform-d	5.061	84	141051	4.546	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	5.700	65	76715	4.795	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.726	84	255244	4.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	6.688	67	91331	4.325	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.896	98	195835	3.521	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.400%			
43) trans-1,3-Dichloroprop...	8.179	79	29927	4.314	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.633	63	115083	49.221	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.440%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81885	4.855	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	76298	4.603	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
8) Chloroethane	1.932	64	5041	0.341	ug/L	100
16) Methylene chloride	3.045	84	11841	0.533	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	16982	0.969	ug/L	100
33) Benzene	5.771	78	434274	5.756	ug/L	100
42) Toluene	7.967	91	573258	7.158	ug/L	98
51) Chlorobenzene	9.446	112	69356	1.449	ug/L	98
52) Ethylbenzene	9.568	91	63488	0.882	ug/L	99
53) m,p-Xylene	9.691	106	59235	2.122	ug/L	100
54) o-Xylene	10.099	106	19199	0.727	ug/L	100
60) Isopropylbenzene	10.485	105	11581	0.192	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	2767	0.173	ug/L	91
63) 1,2,4-Trimethylbenzene	11.469	105	10385	0.229	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	3104	0.105	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	3404	0.117	ug/L	98

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

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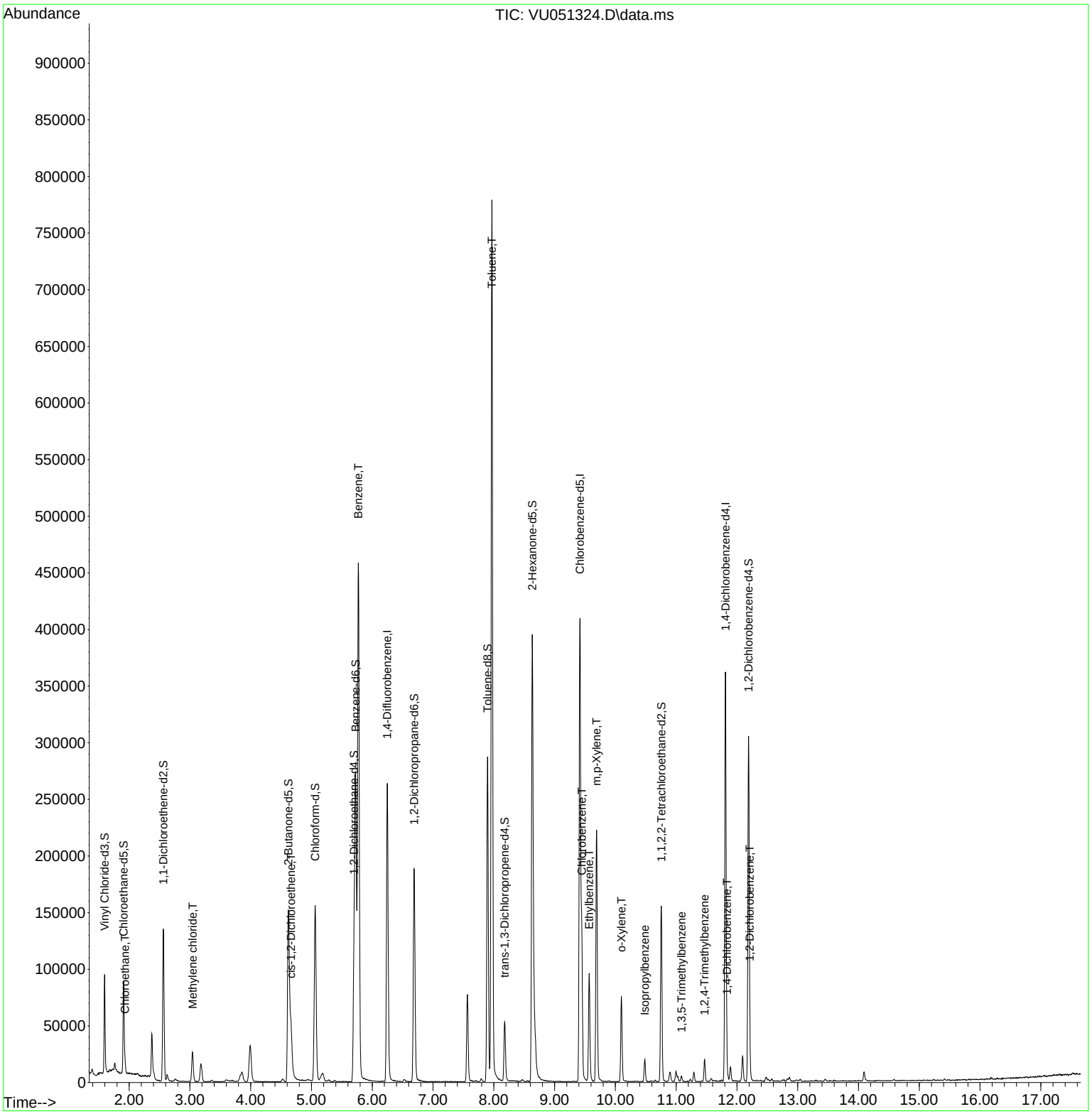
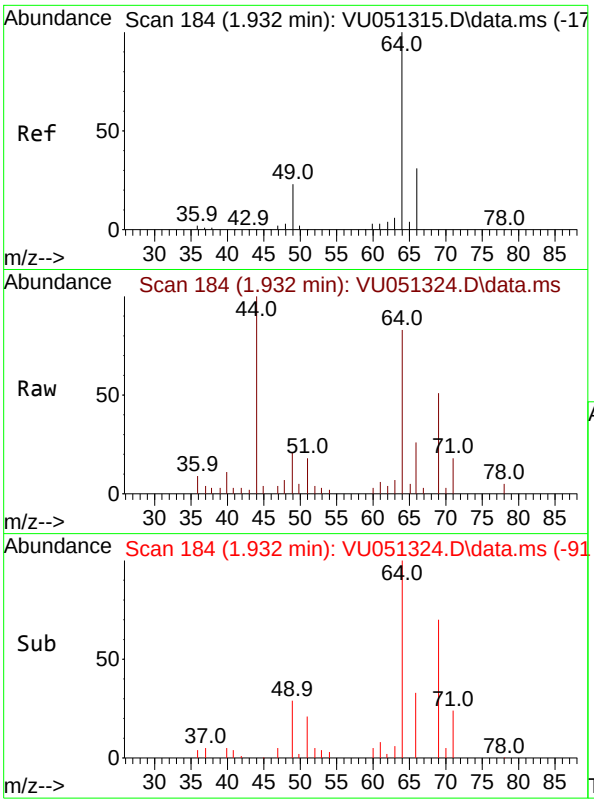
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Quant Time: Oct 11 01:01:07 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



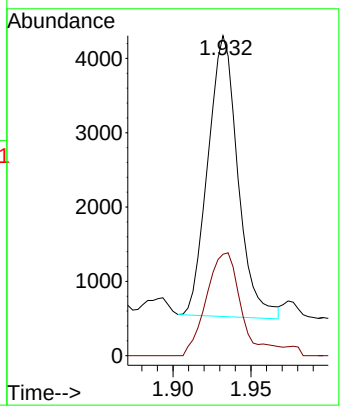


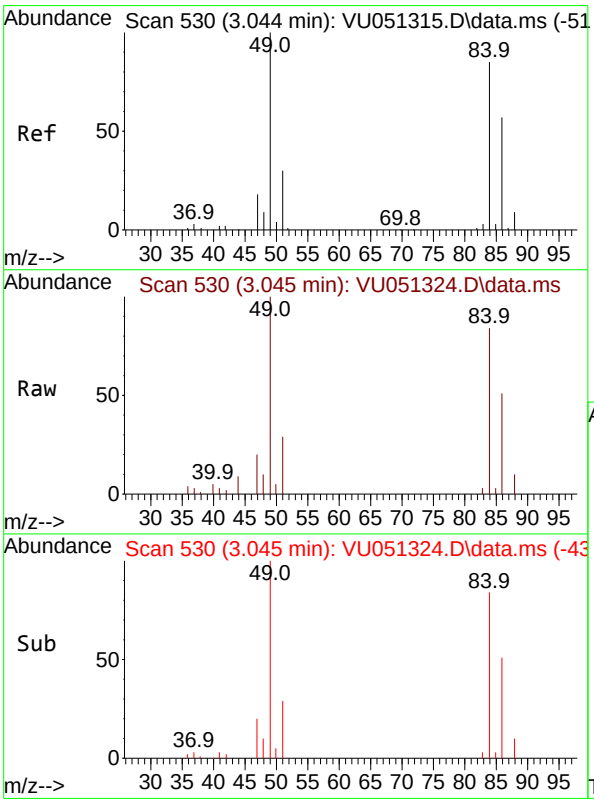
#8
Chloroethane
Concen: 0.341 ug/L
RT: 1.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Tgt Ion: 64 Resp: 5041

Ion	Ratio	Lower	Upper
64	100		
66	31.7	22.3	41.3

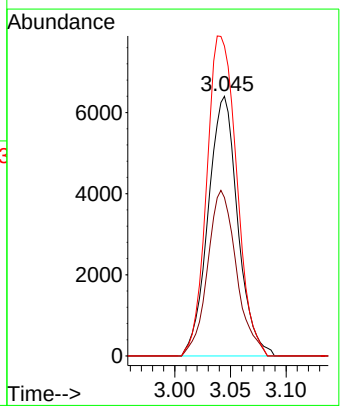


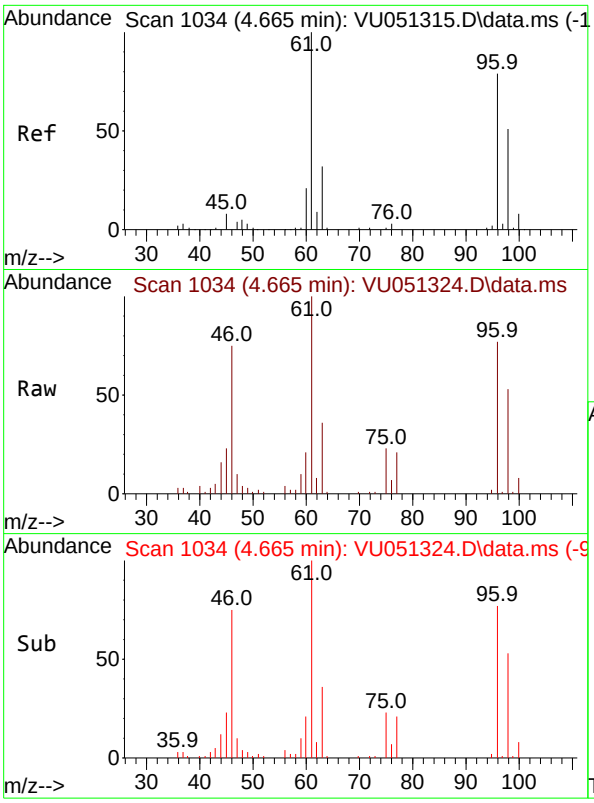


#16
Methylene chloride
Concen: 0.533 ug/L
RT: 3.045 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Tgt Ion: 84 Resp: 11841

Ion	Ratio	Lower	Upper
84	100		
86	61.0	46.5	86.3
49	119.4	81.3	151.1



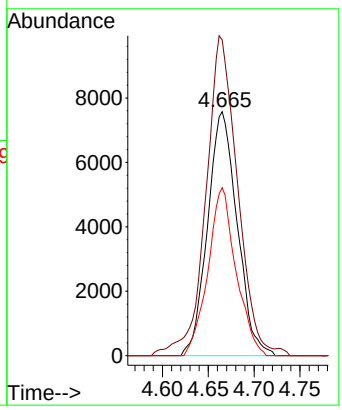


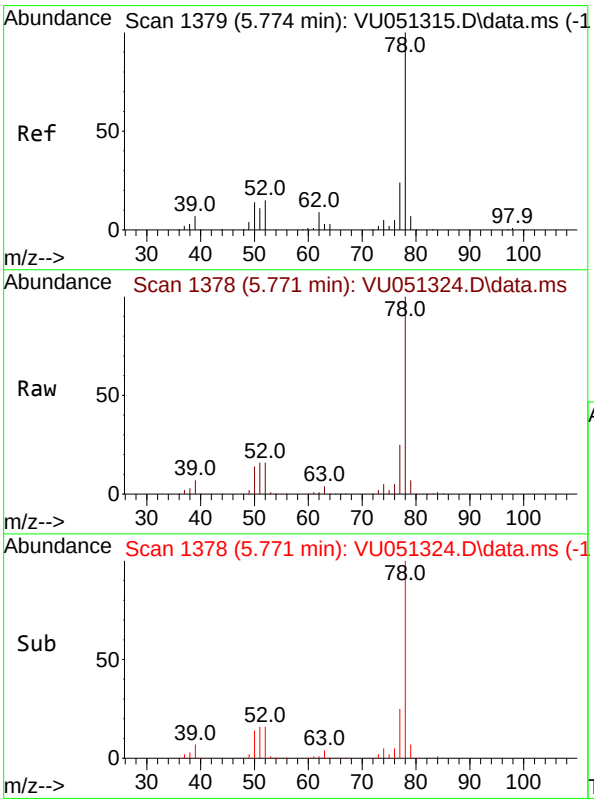
#22
cis-1,2-Dichloroethene
Concen: 0.969 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Tgt Ion: 96 Resp: 16982

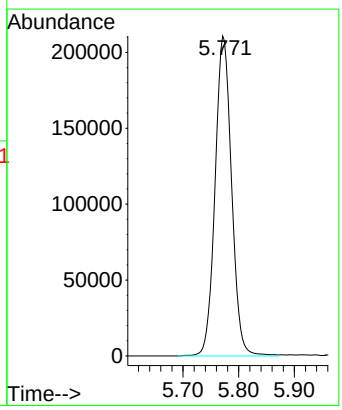
Ion	Ratio	Lower	Upper
96	100		
61	129.4	90.6	168.2
98	68.8	47.5	88.3

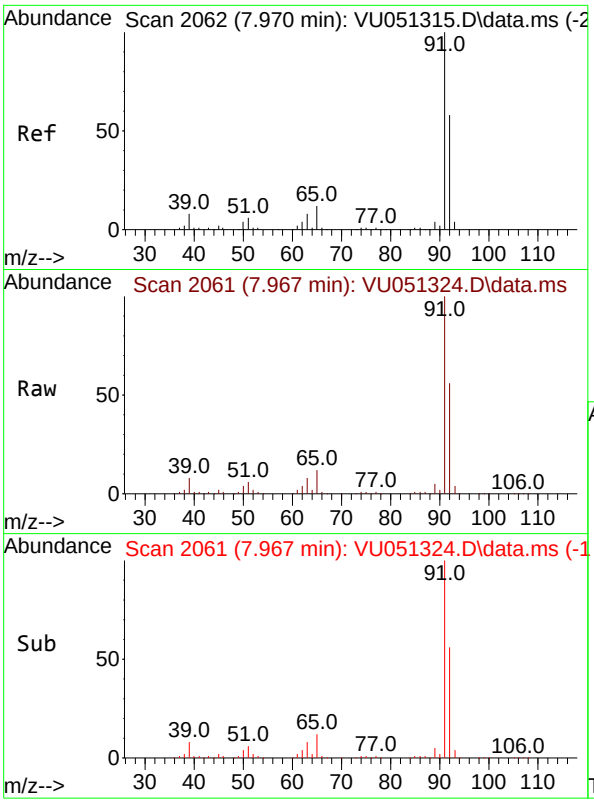




#33
Benzene
Concen: 5.756 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Tgt Ion: 78 Resp: 434274



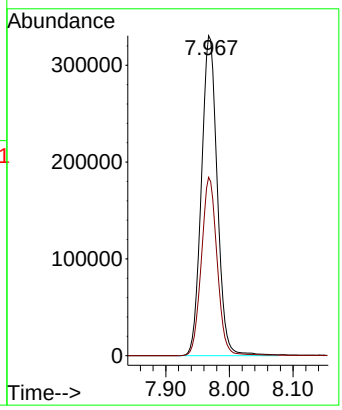


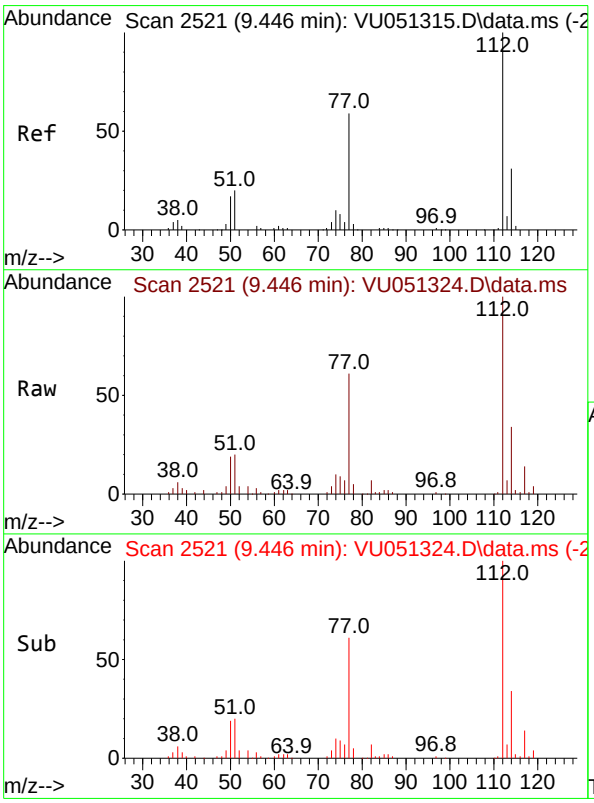
#42
Toluene
Concen: 7.158 ug/L
RT: 7.967 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Tgt Ion: 91 Resp: 573258

Ion	Ratio	Lower	Upper
91	100		
92	55.7	39.9	74.1

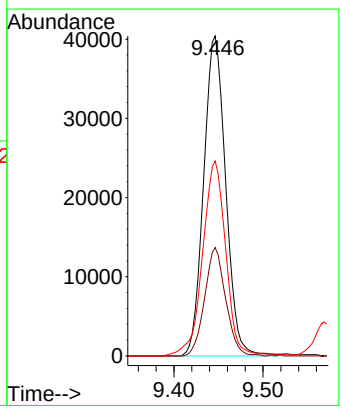


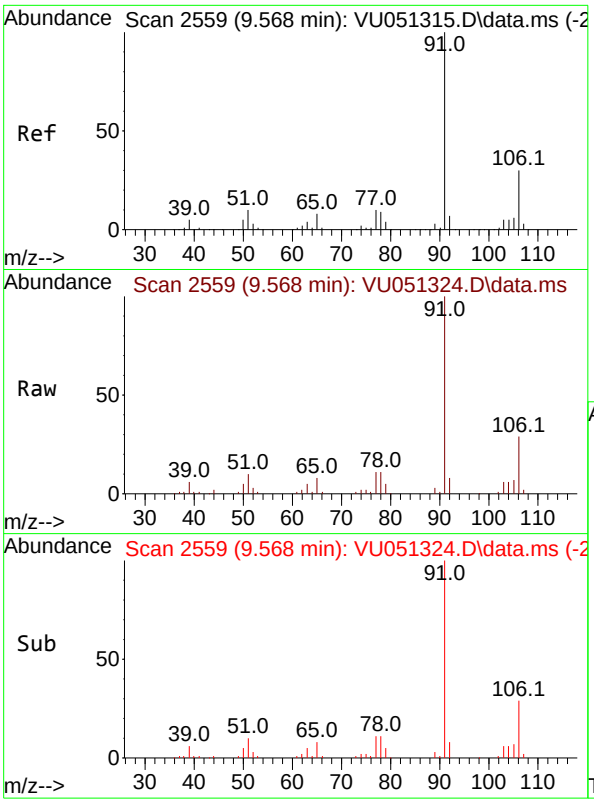


#51
Chlorobenzene
Concen: 1.449 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Tgt Ion:112 Resp: 69356

Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.3	41.5
77	61.0	48.1	72.1



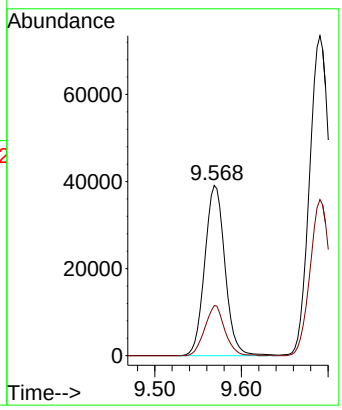


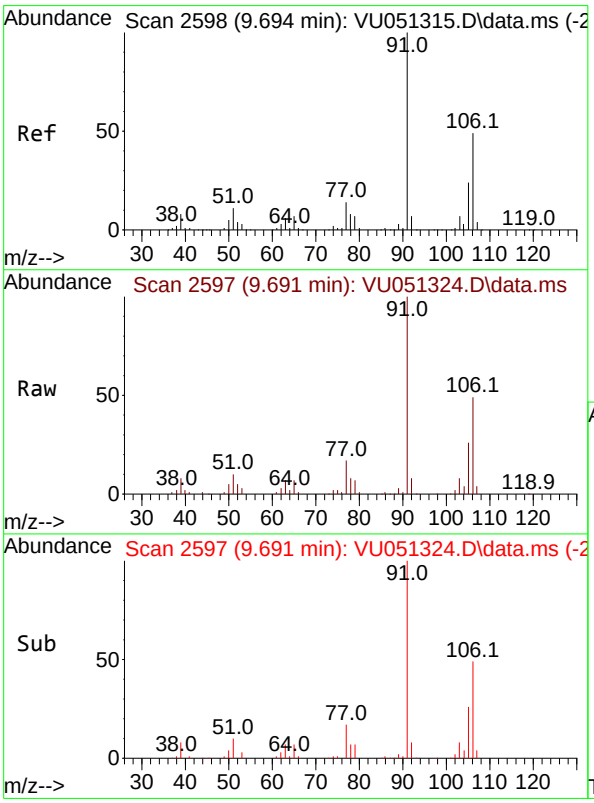
#52
Ethylbenzene
Concen: 0.882 ug/L
RT: 9.568 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Tgt Ion: 91 Resp: 63488

Ion	Ratio	Lower	Upper
91	100		
106	29.4	20.9	38.7

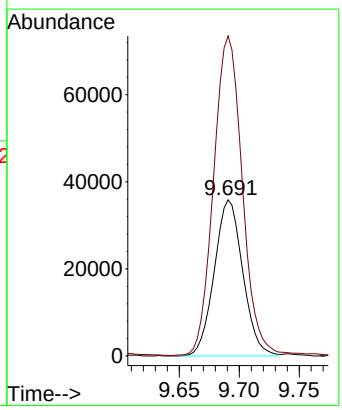


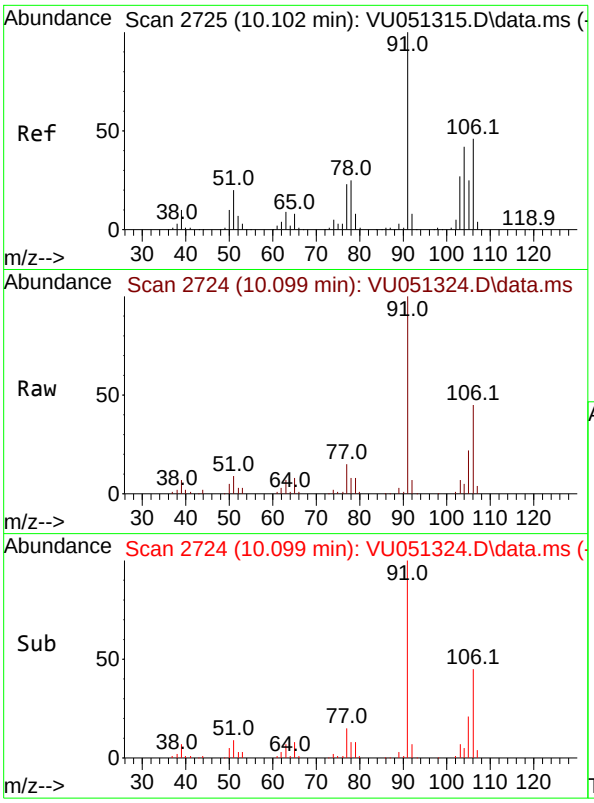


#53
m,p-Xylene
Concen: 2.122 ug/L
RT: 9.691 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Tgt Ion:106 Resp: 59235

Ion	Ratio	Lower	Upper
106	100		
91	204.9	143.9	267.3



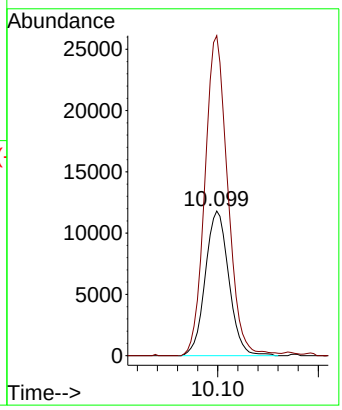


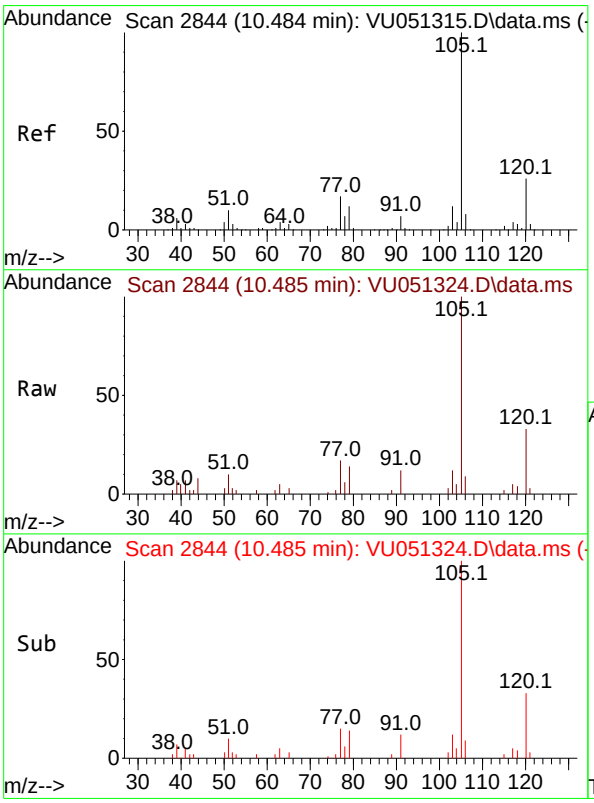
#54
o-Xylene
Concen: 0.727 ug/L
RT: 10.099 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Tgt Ion:106 Resp: 19199

Ion	Ratio	Lower	Upper
106	100		
91	221.1	154.4	286.8

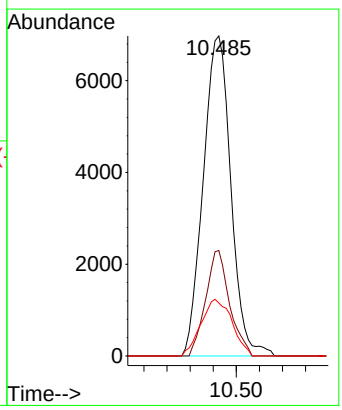


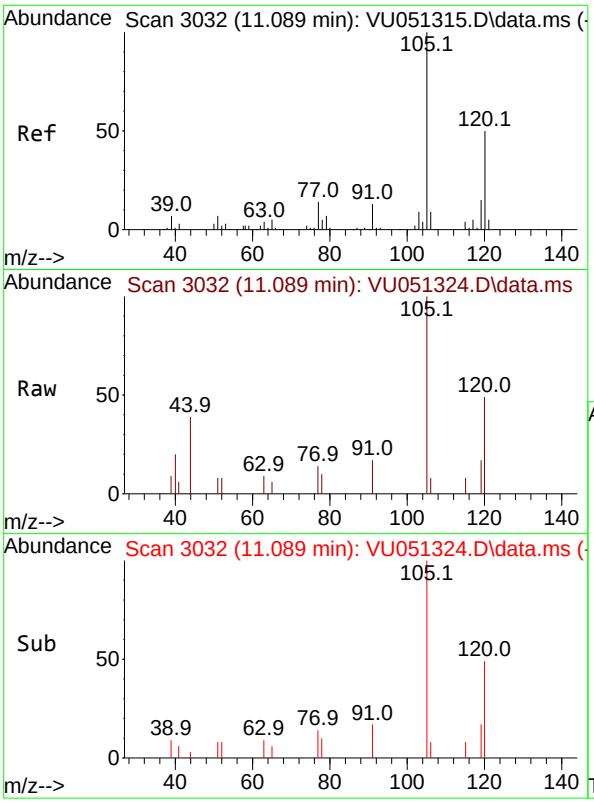


#60
Isopropylbenzene
Concen: 0.192 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Tgt Ion:105 Resp: 11581

Ion	Ratio	Lower	Upper
105	100		
120	28.6	20.6	30.8
77	19.9	13.5	20.3



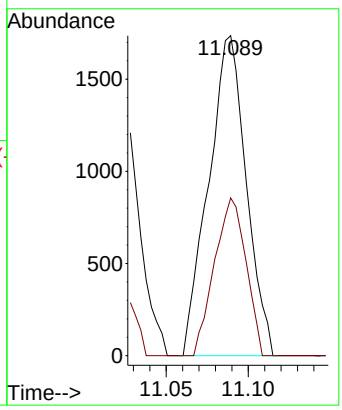


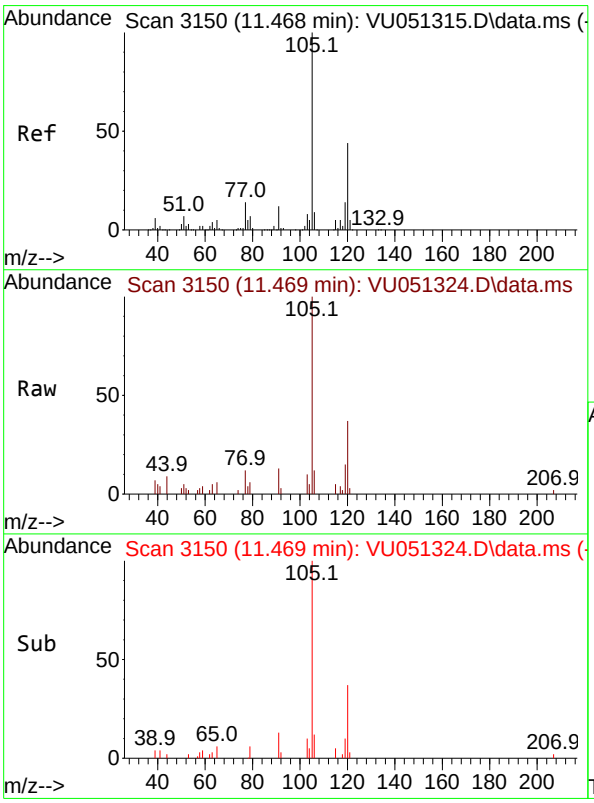
#62
1,3,5-Trimethylbenzene
Concen: 0.173 ug/L
RT: 11.089 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Tgt Ion:105 Resp: 2767

Ion	Ratio	Lower	Upper
105	100		
120	41.3	37.7	56.5

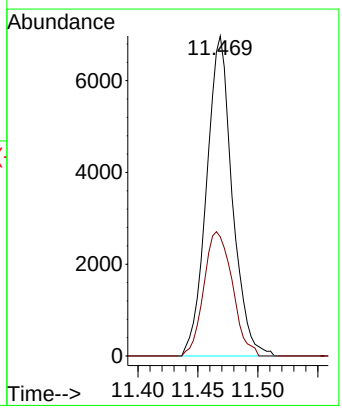


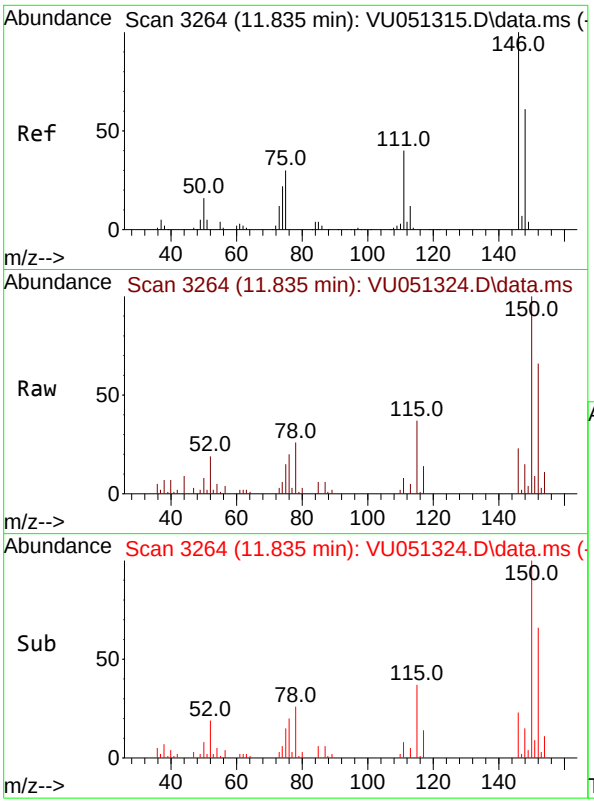


#63
1,2,4-Trimethylbenzene
Concen: 0.229 ug/L
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Tgt Ion:105 Resp: 10385

Ion	Ratio	Lower	Upper
105	100		
120	43.1	35.6	53.4



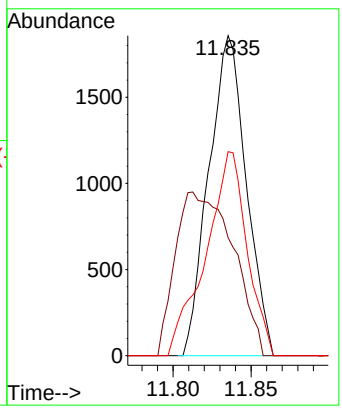


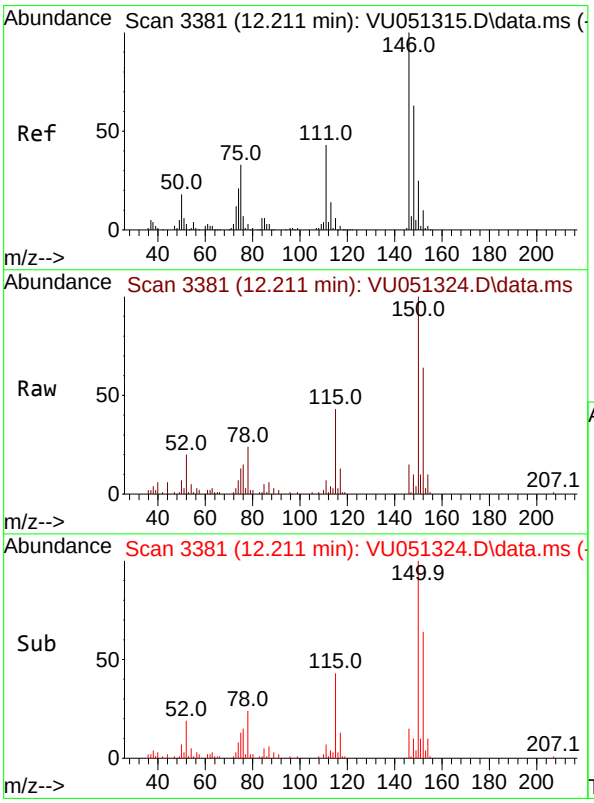
#65
1,4-Dichlorobenzene
Concen: 0.105 ug/L
RT: 11.835 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
BHA41DL

Tgt Ion:146 Resp: 3104

Ion	Ratio	Lower	Upper
146	100		
111	36.9	29.1	54.1
148	63.7	44.2	82.0





#67
1,2-Dichlorobenzene
Concen: 0.117 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051324.D
Acq: 10 Oct 2022 14:00

Tgt Ion:146 Resp: 3404

Ion	Ratio	Lower	Upper
146	100		
111	47.3	35.5	53.3
148	63.8	50.9	76.3