Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Quant Time: Oct 10 01:27:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 10 01:25:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	210014	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	102463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64986	3.836	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.800%			
7) Chloroethane-d5	1.909	69	63404	4.356	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.565	65	27551	4.114	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.200%			
20) 2-Butanone-d5	4.620	46	230754	61.868	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.740%			
24) Chloroform-d	5.060	84	147546	4.672	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	5.700	65	83742	5.141	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.726	84	280554	4.820	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
36) 1,2-Dichloropropane-d6	6.690	67	99190	5.018	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.400%			
41) Toluene-d8	7.896	98	215758	4.143	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.800%			
43) trans-1,3-Dichloroprop...	8.179	79	32009	4.929	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.600%			
46) 2-Hexanone-d5	8.632	63	130183	59.479	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.960%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87819	5.562	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	92072	5.170	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.400%			
Target Compounds						Qvalue
8) Chloroethane	1.932	64	16341	1.086	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	14309	0.408	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	3484	0.195	ug/L	90
30) Cyclohexane	5.382	56	7074	0.329	ug/L	95
33) Benzene	5.771	78	3331958	47.174	ug/L	100
35) Methylcyclohexane	6.764	83	5947	0.268	ug/L #	84
42) Toluene	7.970	91	126081	1.682	ug/L	97
51) Chlorobenzene	9.446	112	679091	15.160	ug/L	99
52) Ethylbenzene	9.568	91	37029	0.550	ug/L	100
53) m,p-Xylene	9.690	106	239864	9.180	ug/L	97
54) o-Xylene	10.098	106	110275	4.460	ug/L	98
60) Isopropylbenzene	10.484	105	118951	1.833	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	17362	1.008	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	56865	1.168	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	3366	0.105	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	26286	0.831	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	25813	0.827	ug/L	96

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Quant Time: Oct 10 01:27:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 10 01:25:26 2022
Response via : Initial Calibration

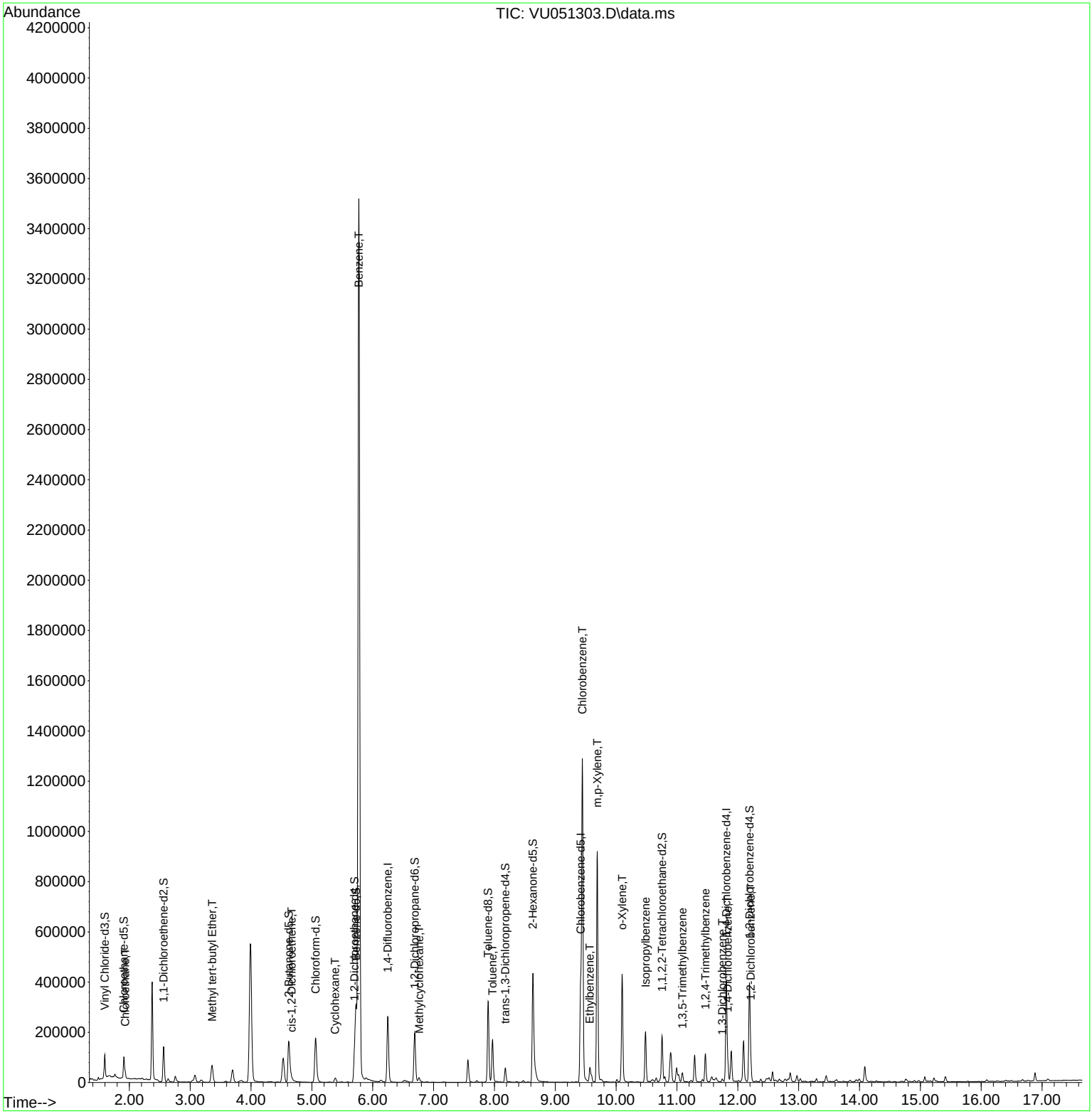
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

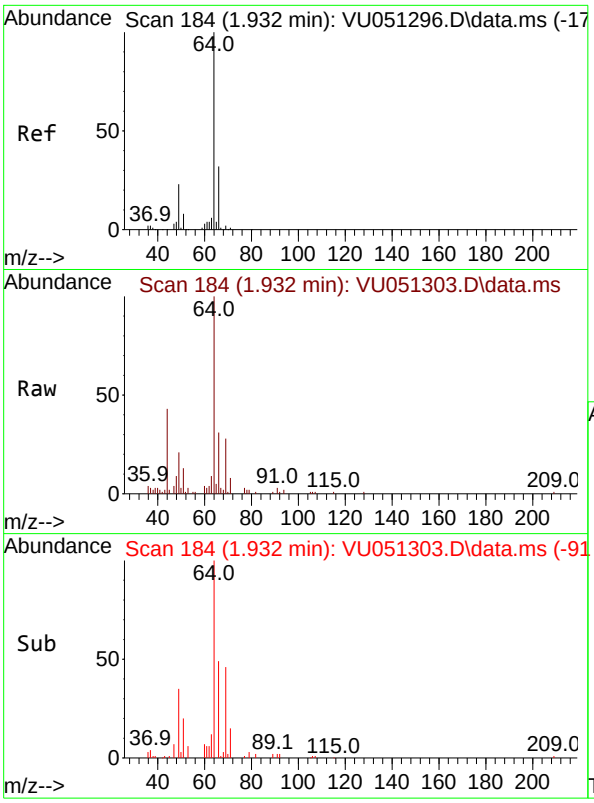
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Quant Time: Oct 10 01:27:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 10 01:25:26 2022
Response via : Initial Calibration



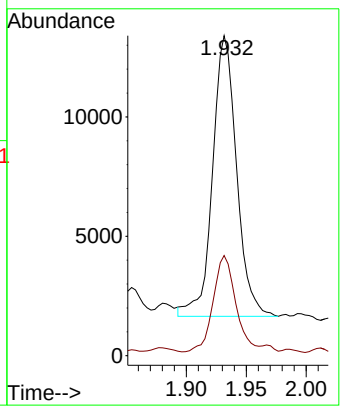


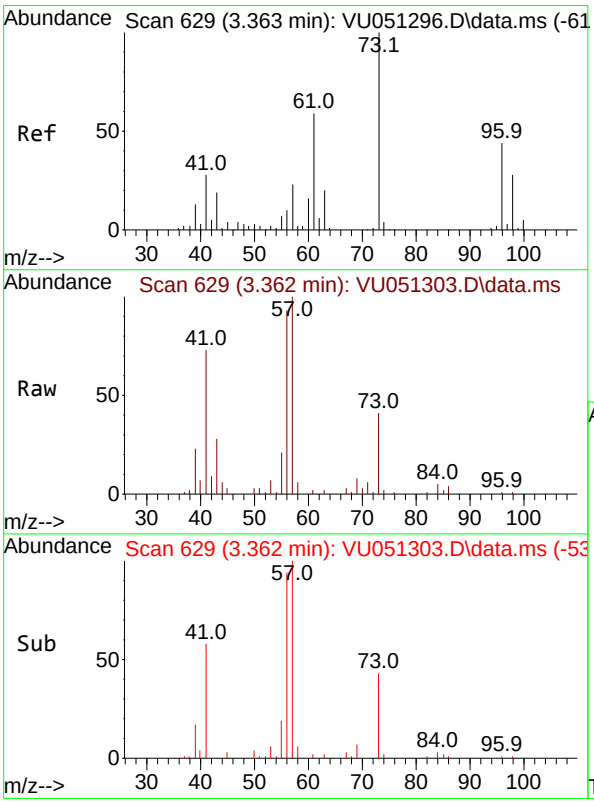
#8
Chloroethane
Concen: 1.086 ug/L
RT: 1.932 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion: 64 Resp: 16341

Ion	Ratio	Lower	Upper
64	100		
66	31.3	22.3	41.3

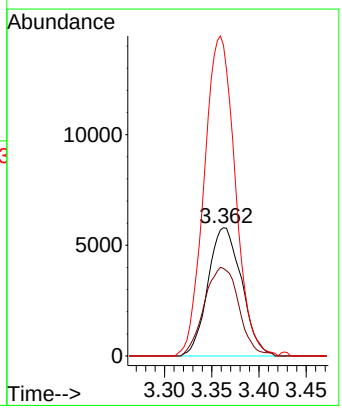


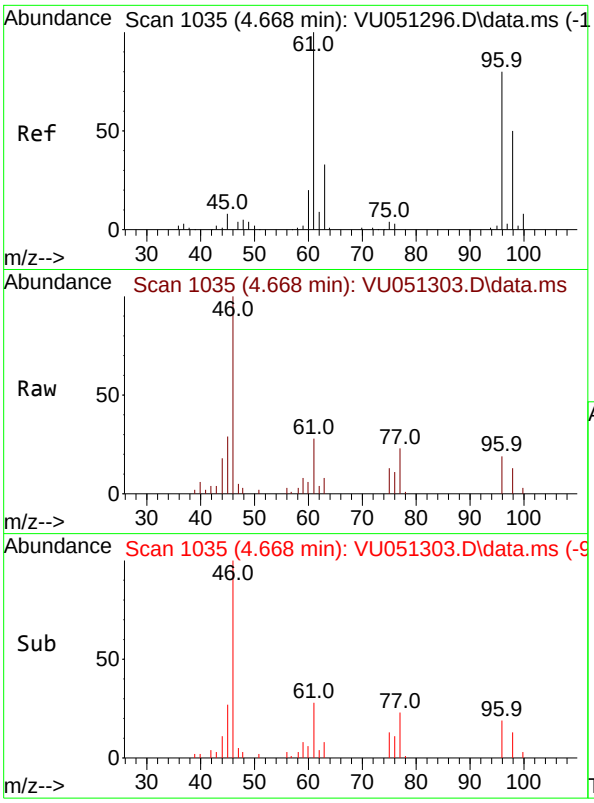


#17
Methyl tert-butyl Ether
Concen: 0.408 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion: 73 Resp: 14309

Ion	Ratio	Lower	Upper
73	100		
43	71.1	15.4	23.0#
57	230.3	18.9	28.3#



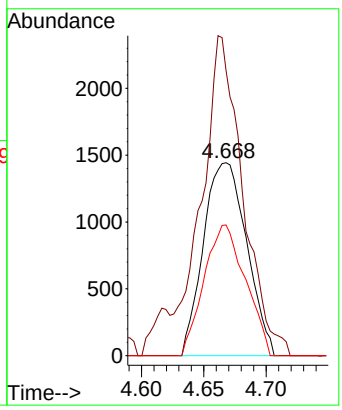


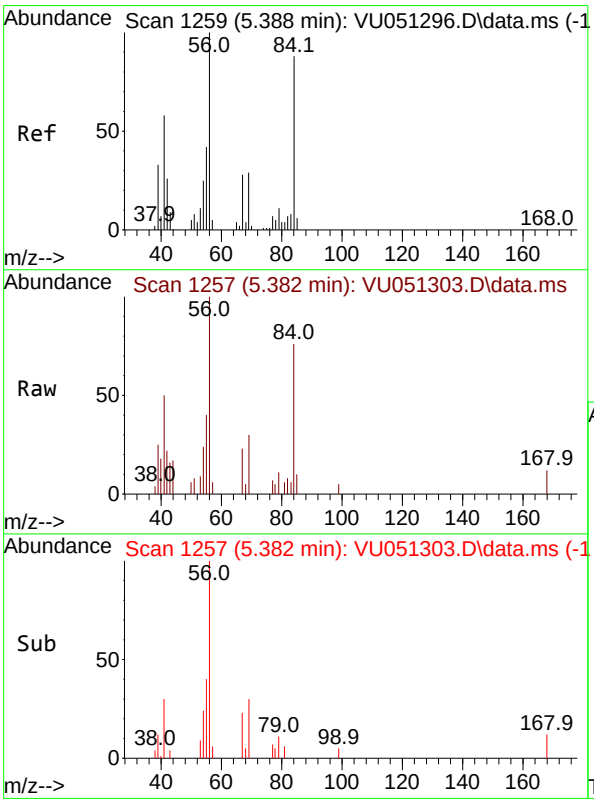
#22
cis-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 4.668 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion: 96 Resp: 3484

Ion	Ratio	Lower	Upper
96	100		
61	147.8	90.6	168.2
98	67.7	47.5	88.3

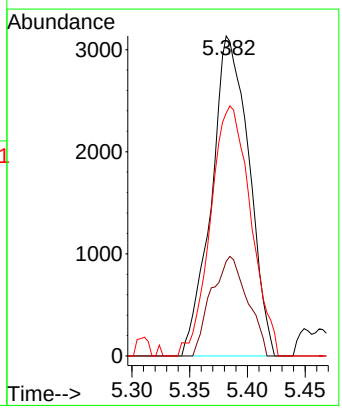


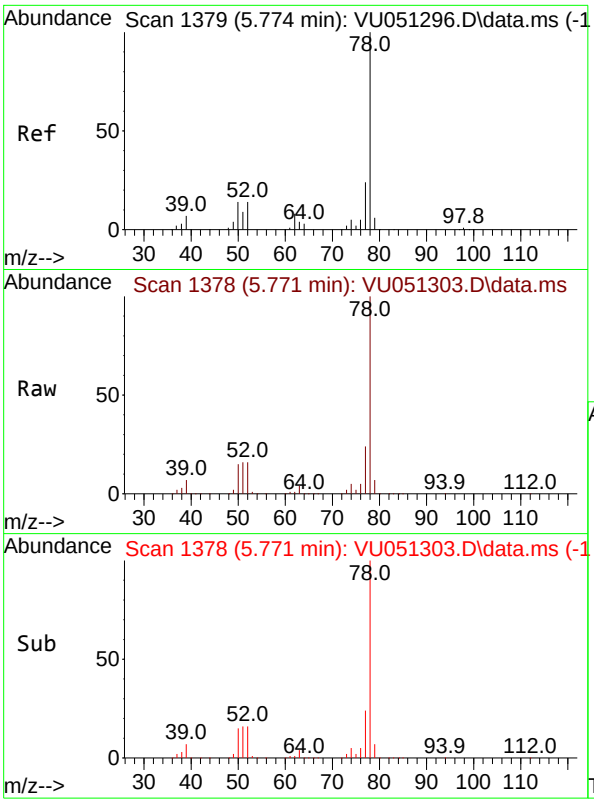


#30
Cyclohexane
Concen: 0.329 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. -0.007 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion: 56 Resp: 7074

Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.1	37.7
84	83.5	70.9	106.3

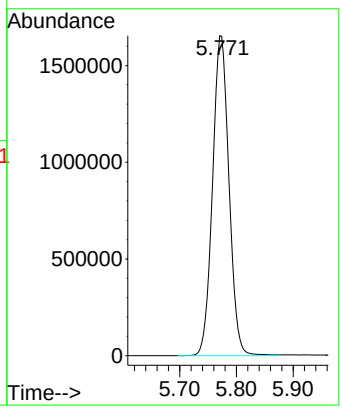


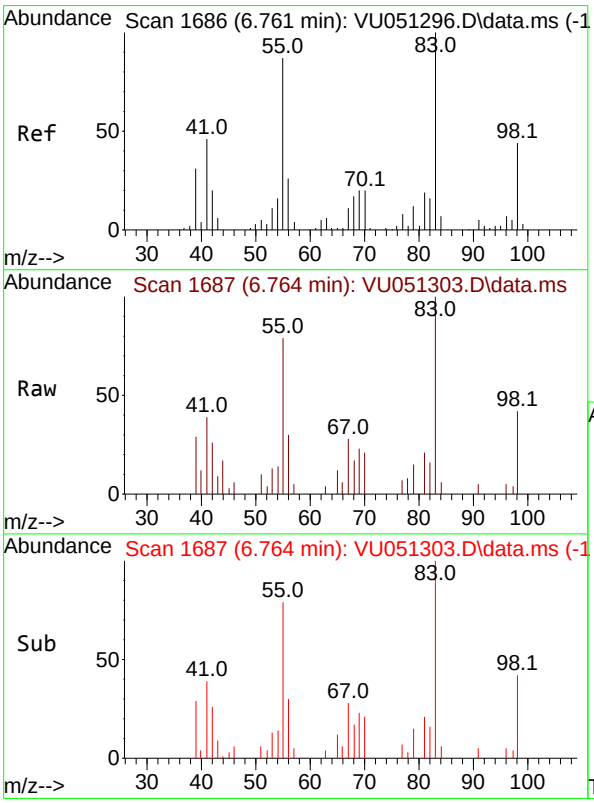


#33
Benzene
Concen: 47.174 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion: 78 Resp: 3331958

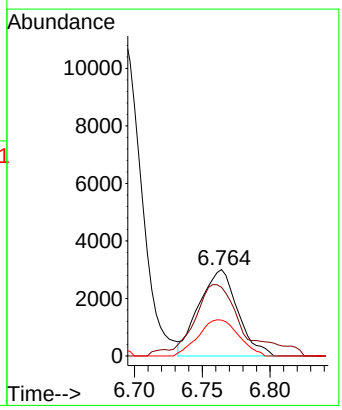


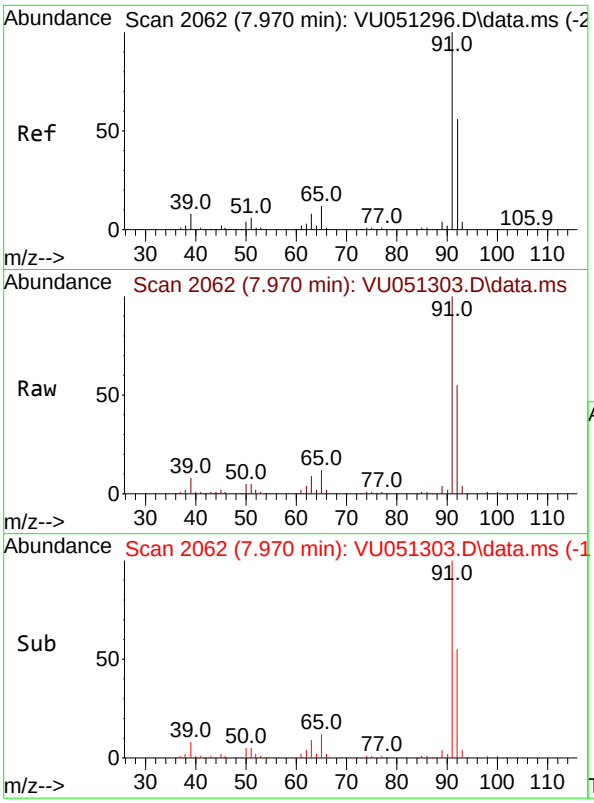


#35
Methylcyclohexane
Concen: 0.268 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion: 83 Resp: 5947

Ion	Ratio	Lower	Upper
83	100		
55	103.1	65.8	98.6#
98	43.7	35.9	53.9



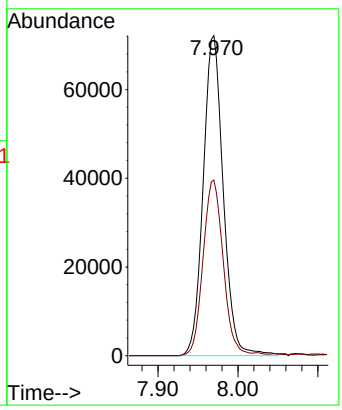


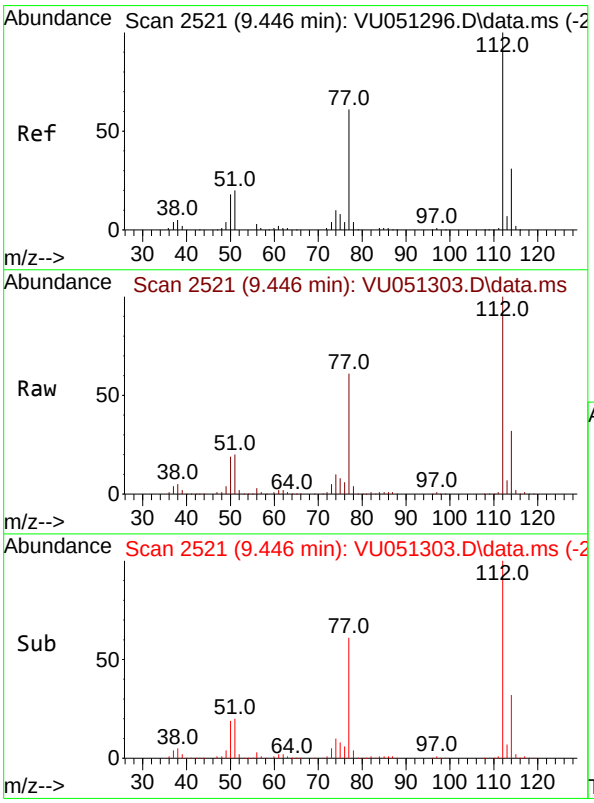
#42
Toluene
Concen: 1.682 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion: 91 Resp: 126081

Ion	Ratio	Lower	Upper
91	100		
92	54.9	39.9	74.1

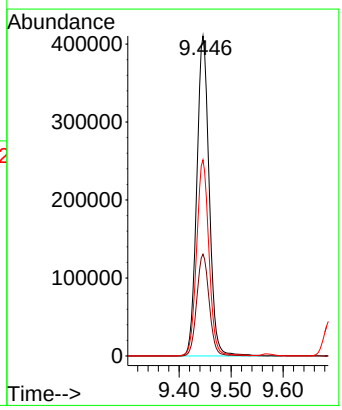


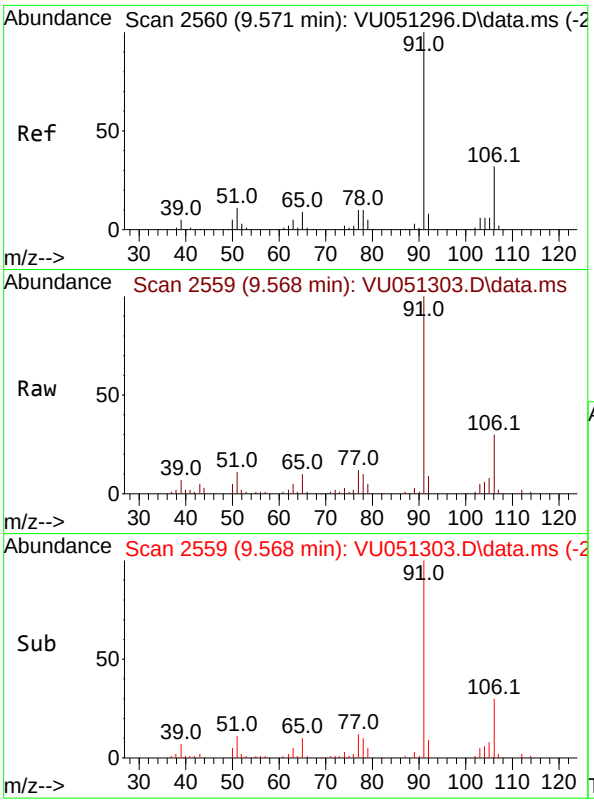


#51
Chlorobenzene
Concen: 15.160 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion:112 Resp: 679091

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	61.3	48.1	72.1



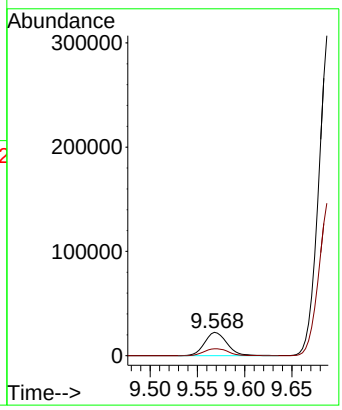


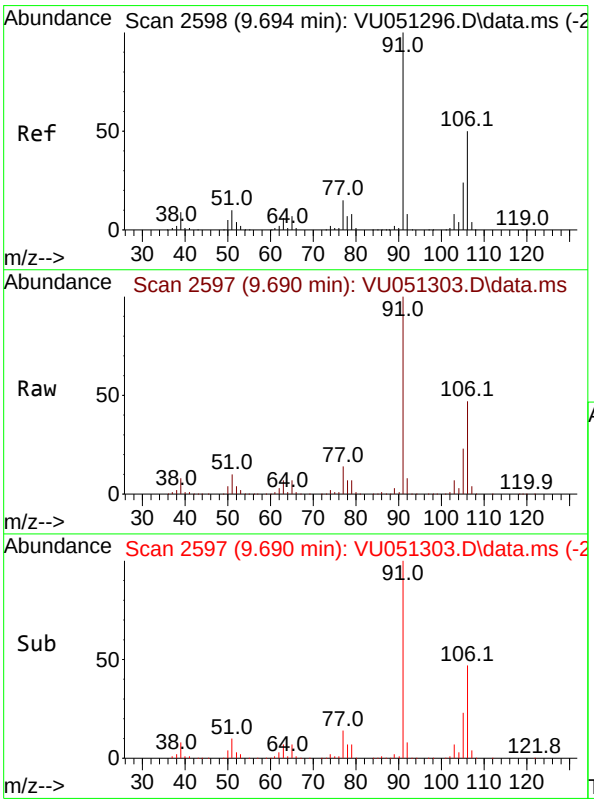
#52
Ethylbenzene
Concen: 0.550 ug/L
RT: 9.568 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion: 91 Resp: 37029

Ion	Ratio	Lower	Upper
91	100		
106	29.5	20.9	38.7

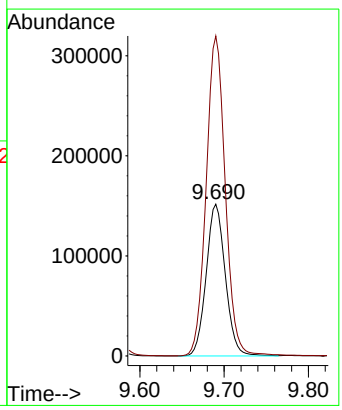


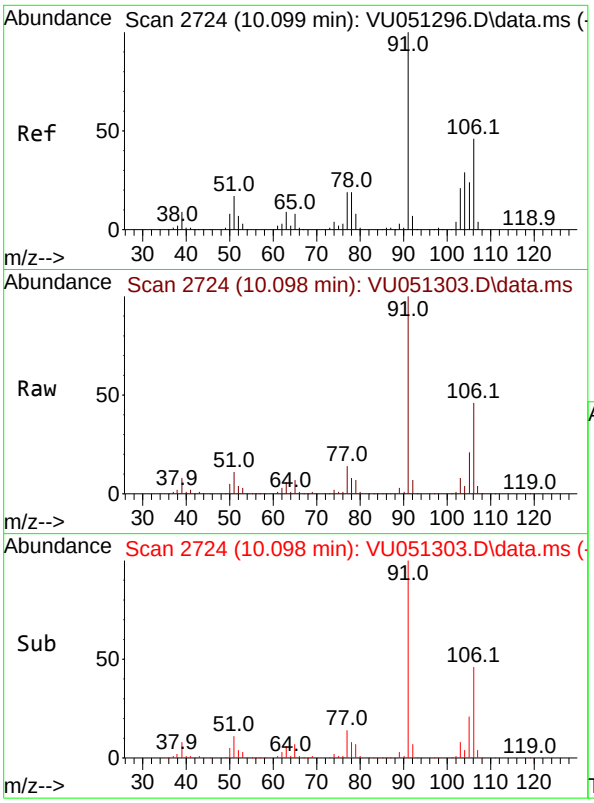


#53
m,p-Xylene
Concen: 9.180 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion:106 Resp: 239864

Ion	Ratio	Lower	Upper
106	100		
91	210.7	143.9	267.3



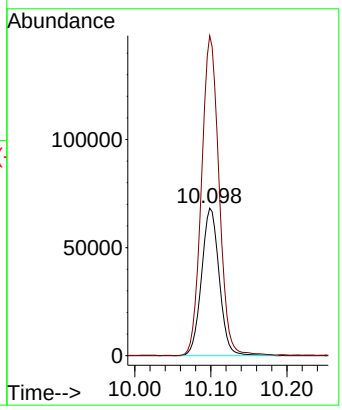


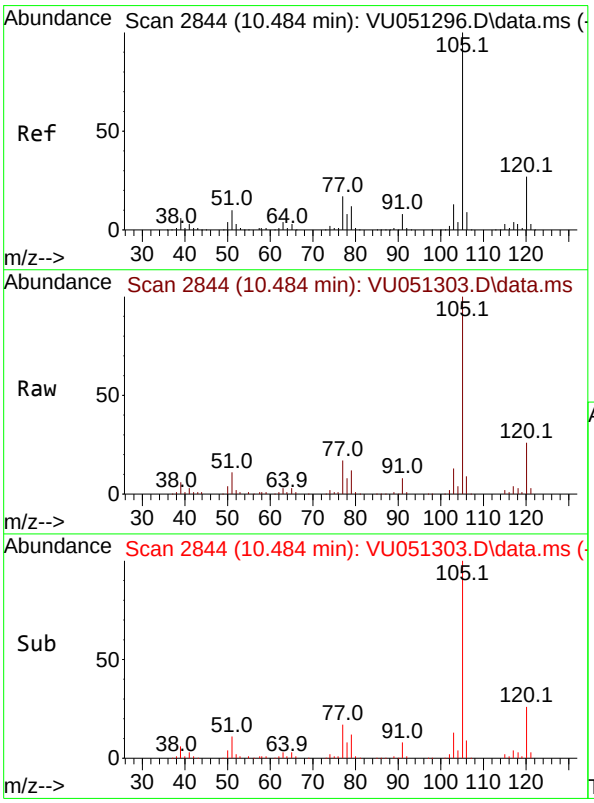
#54
o-Xylene
Concen: 4.460 ug/L
RT: 10.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion:106 Resp: 110275

Ion	Ratio	Lower	Upper
106	100		
91	216.9	154.4	286.8

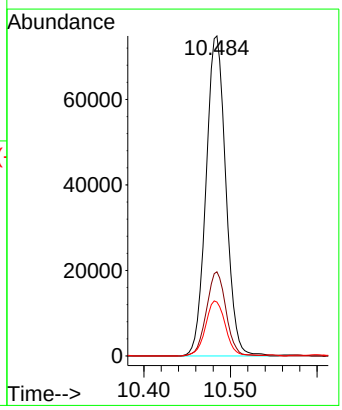


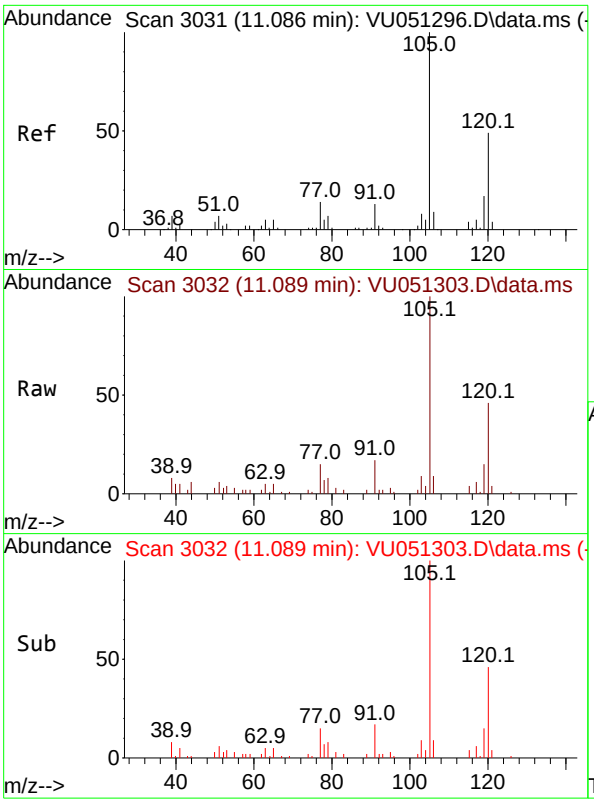


#60
Isopropylbenzene
Concen: 1.833 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion:105 Resp: 118951

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.6	30.8
77	17.4	13.5	20.3



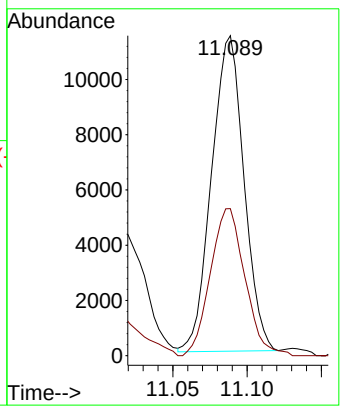


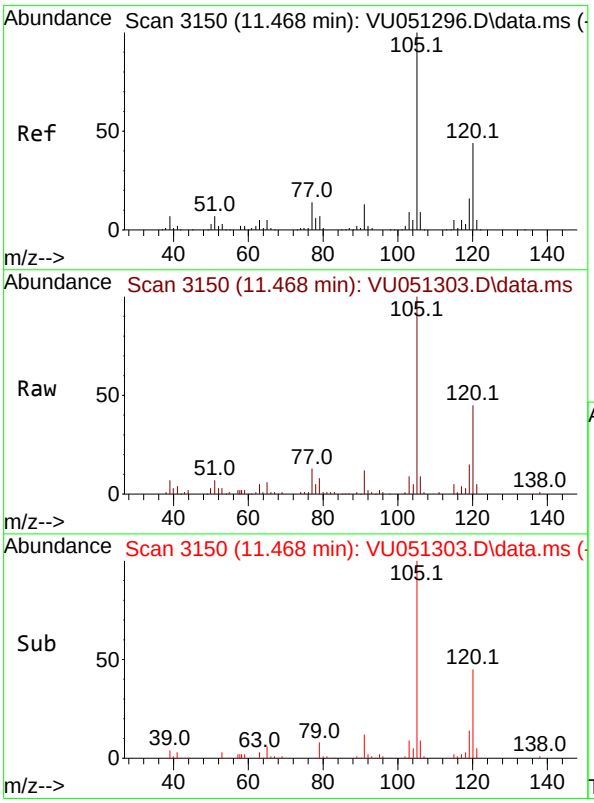
#62
1,3,5-Trimethylbenzene
Concen: 1.008 ug/L
RT: 11.089 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion:105 Resp: 17362

Ion	Ratio	Lower	Upper
105	100		
120	49.6	37.7	56.5

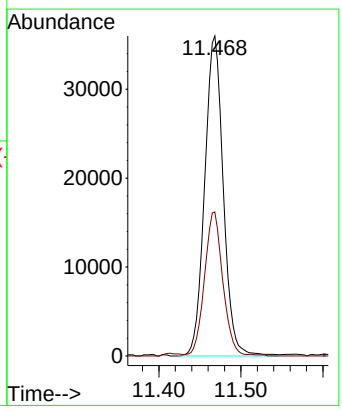


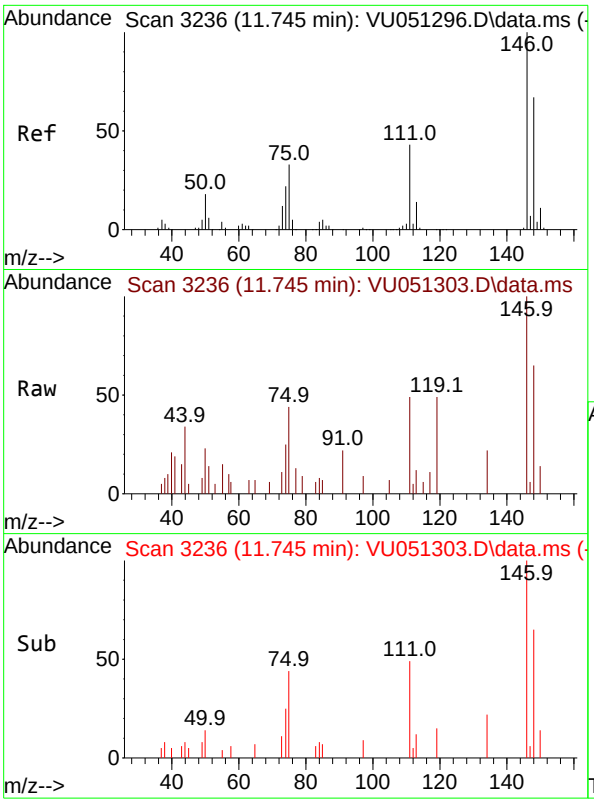


#63
1,2,4-Trimethylbenzene
Concen: 1.168 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion:105 Resp: 56865

Ion	Ratio	Lower	Upper
105	100		
120	44.6	35.6	53.4



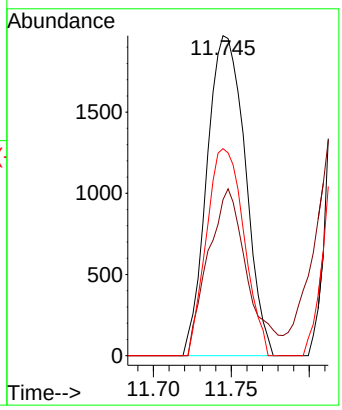


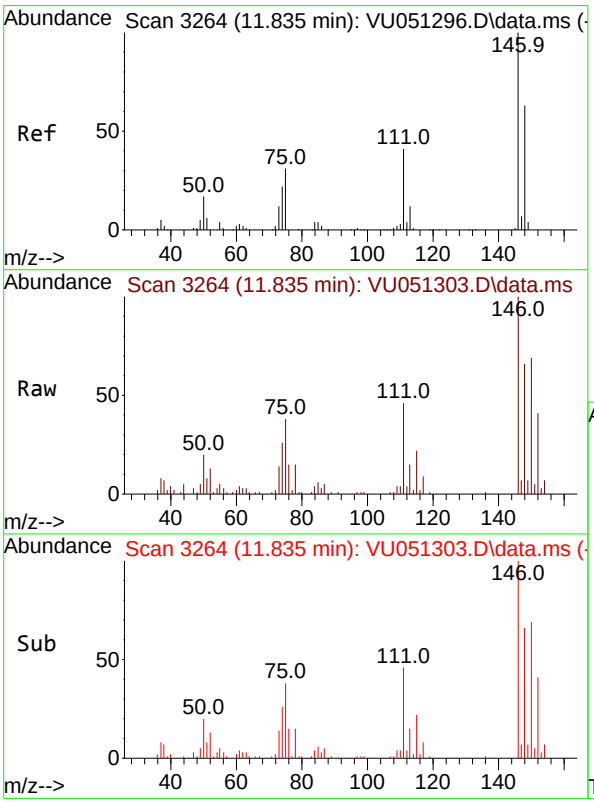
#64
1,3-Dichlorobenzene
Concen: 0.105 ug/L
RT: 11.745 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion:146 Resp: 3366

Ion	Ratio	Lower	Upper
146	100		
111	48.8	28.3	52.7
148	64.7	43.8	81.4

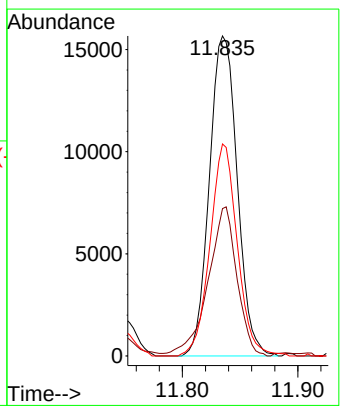


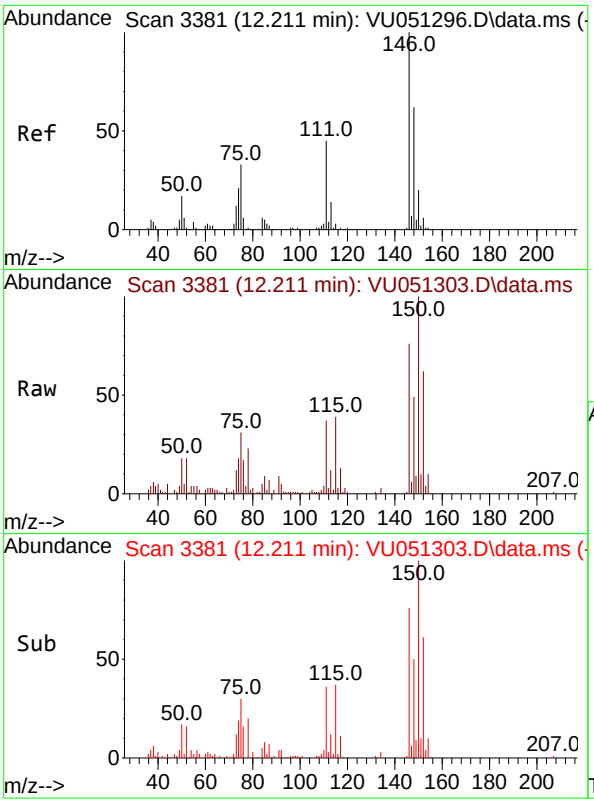


#65
1,4-Dichlorobenzene
Concen: 0.831 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Tgt Ion:146 Resp: 26286

Ion	Ratio	Lower	Upper
146	100		
111	46.0	29.1	54.1
148	66.2	44.2	82.0





#67
1,2-Dichlorobenzene
Concen: 0.827 ug/L
RT: 12.211 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051303.D
Acq: 09 Oct 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BHA39

Tgt Ion:146 Resp: 25813

Ion	Ratio	Lower	Upper
146	100		
111	48.5	35.5	53.3
148	65.1	50.9	76.3