Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
Data File : VU051636.D
Acq On : 01 Nov 2022 01:59
Operator : JC/MD
Sample : N5321-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Quant Time: Nov 01 06:00:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 02:34:58 2022
Response via : Initial Calibration

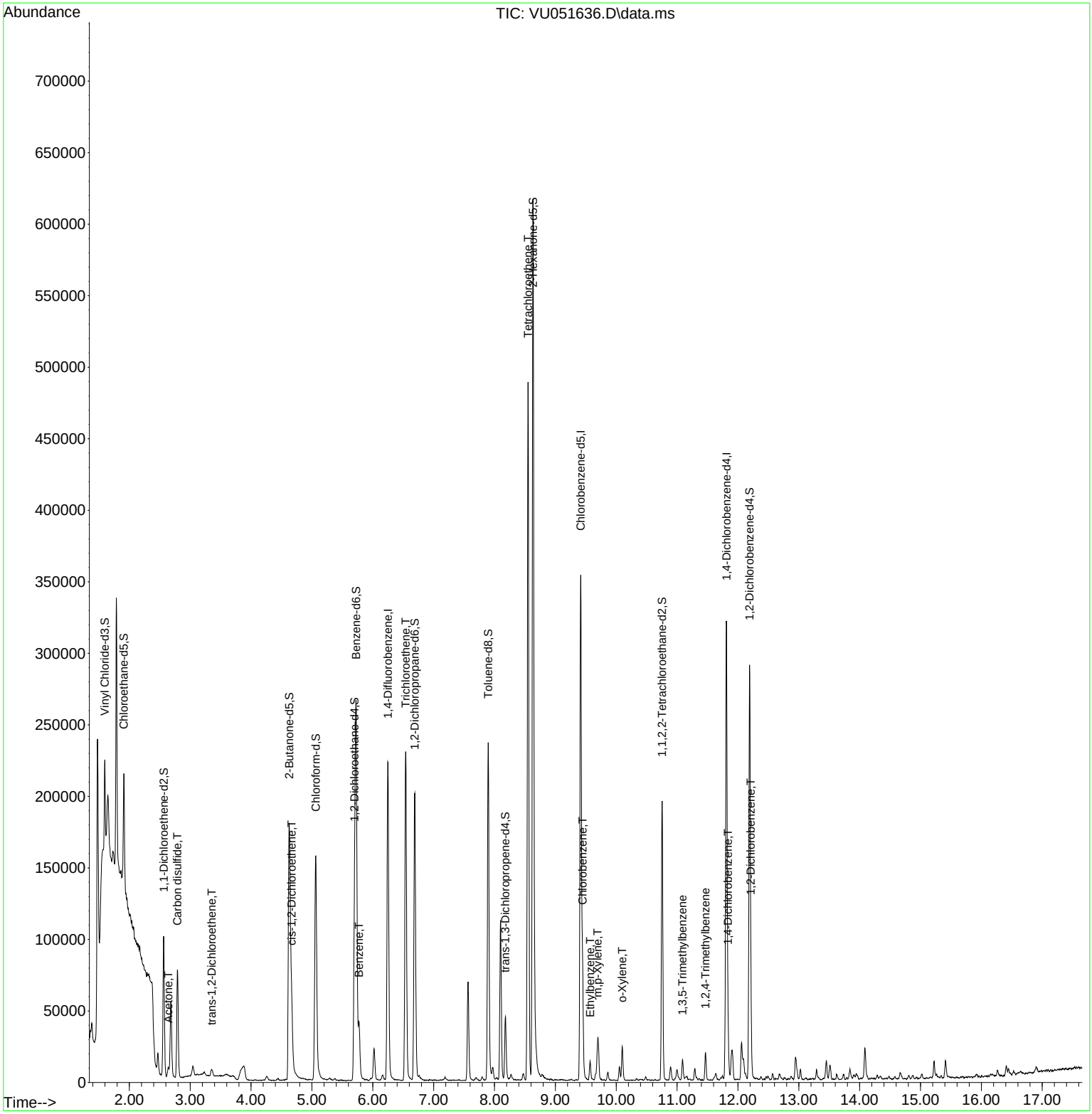
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	186971	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	200080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49097	3.487	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.800%			
7) Chloroethane-d5	1.909	69	60020	4.087	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.800%			
11) 1,1-Dichloroethene-d2	2.565	65	17231	3.372	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.400%			
20) 2-Butanone-d5	4.626	46	273986	53.725	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.440%			
24) Chloroform-d	5.063	84	149652	4.541	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.700	65	84855	4.767	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	5.726	84	249367	3.949	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
36) 1,2-Dichloropropane-d6	6.687	67	99591	4.511	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.200%			
41) Toluene-d8	7.896	98	165746	3.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.800%#			
43) trans-1,3-Dichloroprop...	8.179	79	25993	3.850	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.000%			
46) 2-Hexanone-d5	8.632	63	209933	51.659	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.320%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	97574	4.823	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	75493	4.709	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.200%			
Target Compounds						Qvalue
13) Acetone	2.642	43	7339	2.836	ug/L	100
14) Carbon disulfide	2.790	76	102939	1.965	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	2204	0.126	ug/L	87
22) cis-1,2-Dichloroethene	4.668	96	19042	0.987	ug/L	92
33) Benzene	5.774	78	38446	0.487	ug/L	100
34) Trichloroethene	6.539	95	81144	4.258	ug/L	98
47) Tetrachloroethene	8.552	164	108889	7.462	ug/L	92
51) Chlorobenzene	9.446	112	42185	0.827	ug/L	97
52) Ethylbenzene	9.571	91	9240	0.118	ug/L	96
53) m,p-Xylene	9.693	106	5717	0.188	ug/L	99
54) o-Xylene	10.099	106	6243	0.210	ug/L	89
62) 1,3,5-Trimethylbenzene	11.089	105	5470	0.319	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	10388	0.210	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	14526	0.456	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	17329	0.560	ug/L	96

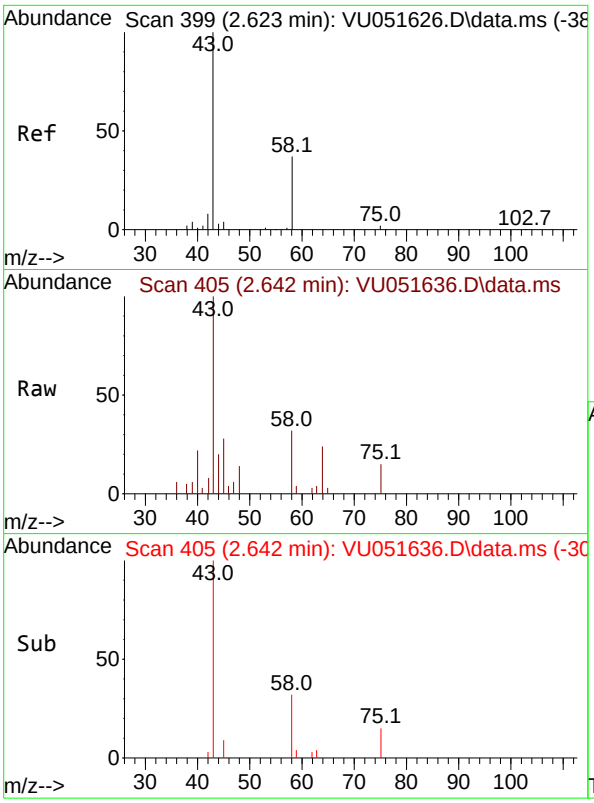
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
Data File : VU051636.D
Acq On : 01 Nov 2022 01:59
Operator : JC/MD
Sample : N5321-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Quant Time: Nov 01 06:00:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 02:34:58 2022
Response via : Initial Calibration



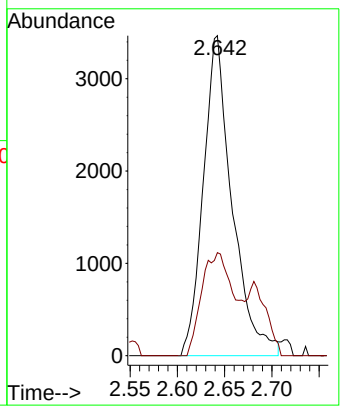


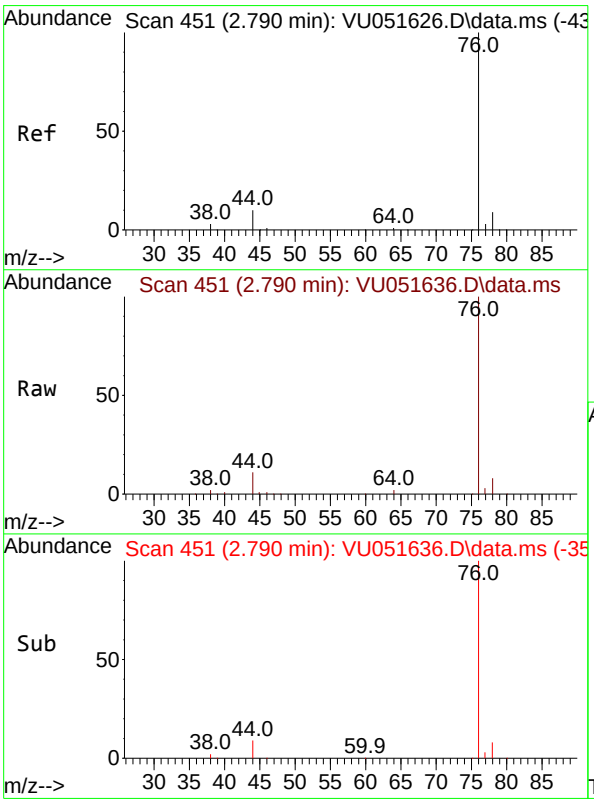
#13
Acetone
Concen: 2.836 ug/L
RT: 2.642 min Scan# 4(
Delta R.T. 0.019 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion: 43 Resp: 7339

Ion	Ratio	Lower	Upper
43	100		
58	36.7	0.0	73.8

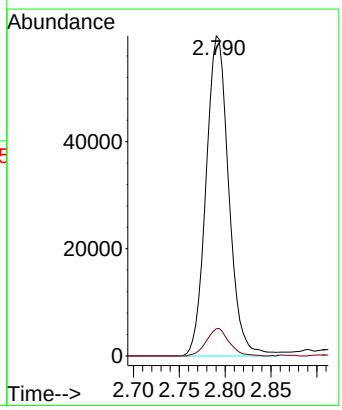


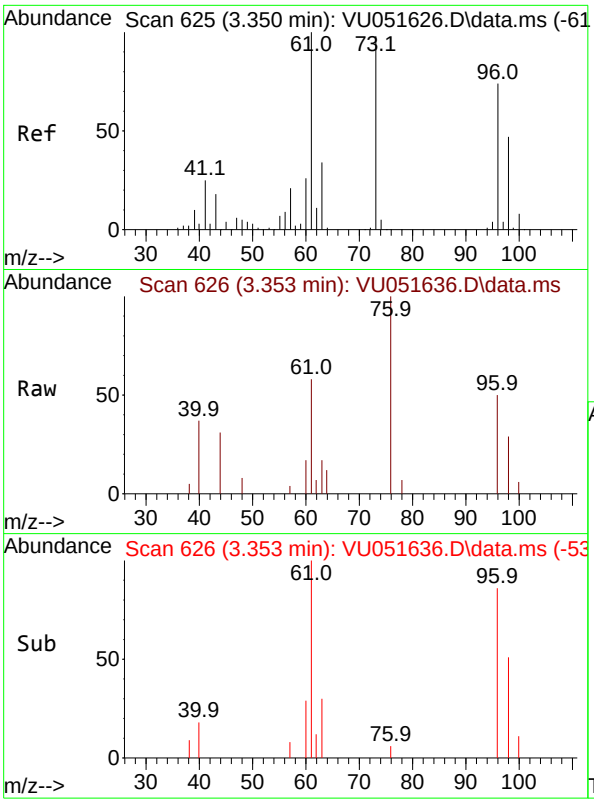


#14
Carbon disulfide
Concen: 1.965 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Tgt Ion: 76 Resp: 102939

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2



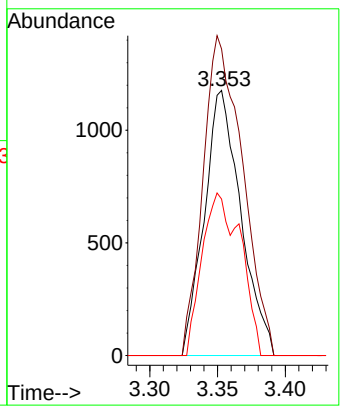


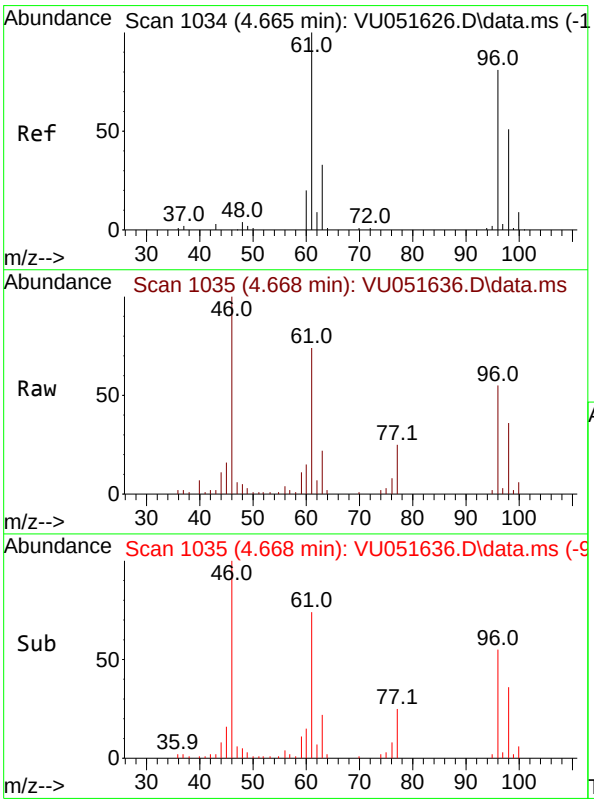
#18
trans-1,2-Dichloroethene
Concen: 0.126 ug/L
RT: 3.353 min Scan# 6
Delta R.T. 0.003 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion: 96 Resp: 2204

Ion	Ratio	Lower	Upper
96	100		
61	115.6	94.7	175.9
98	59.0	44.2	82.0

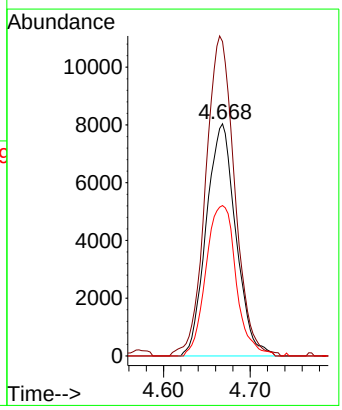


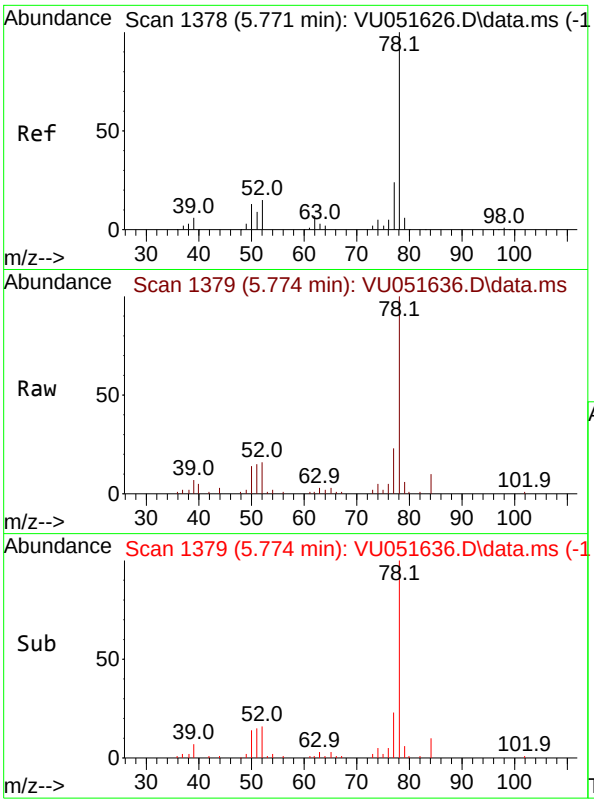


#22
cis-1,2-Dichloroethene
Concen: 0.987 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Tgt Ion: 96 Resp: 19042

Ion	Ratio	Lower	Upper
96	100		
61	135.4	86.4	160.4
98	64.8	44.2	82.2

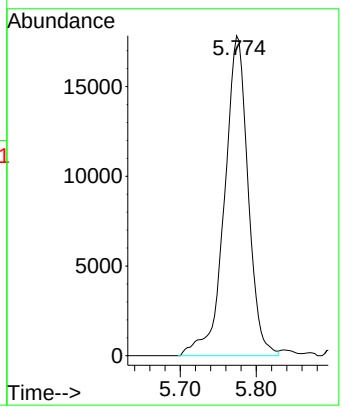


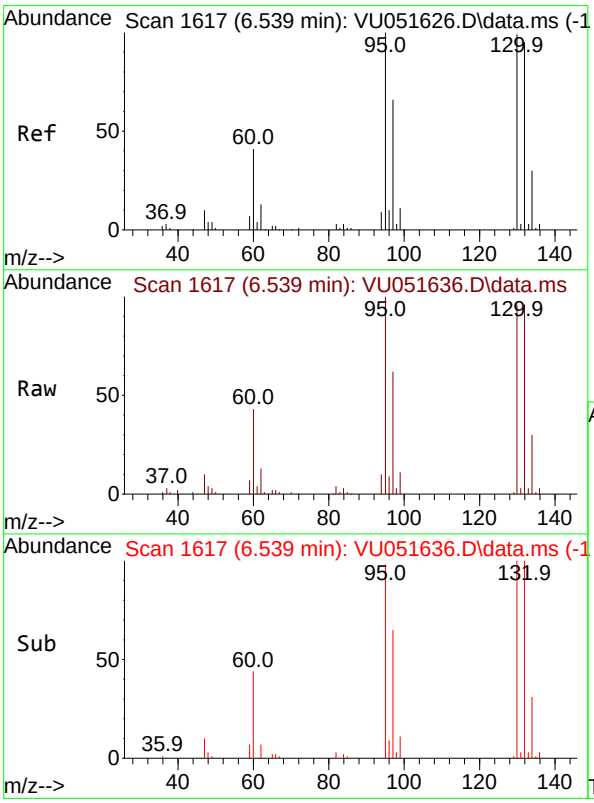


#33
Benzene
Concen: 0.487 ug/L
RT: 5.774 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion: 78 Resp: 38446

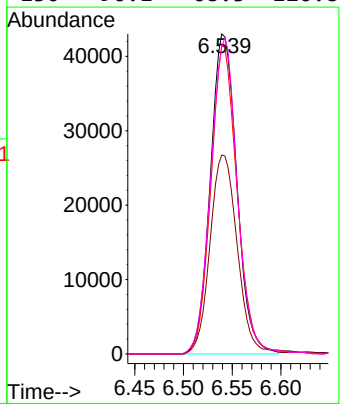


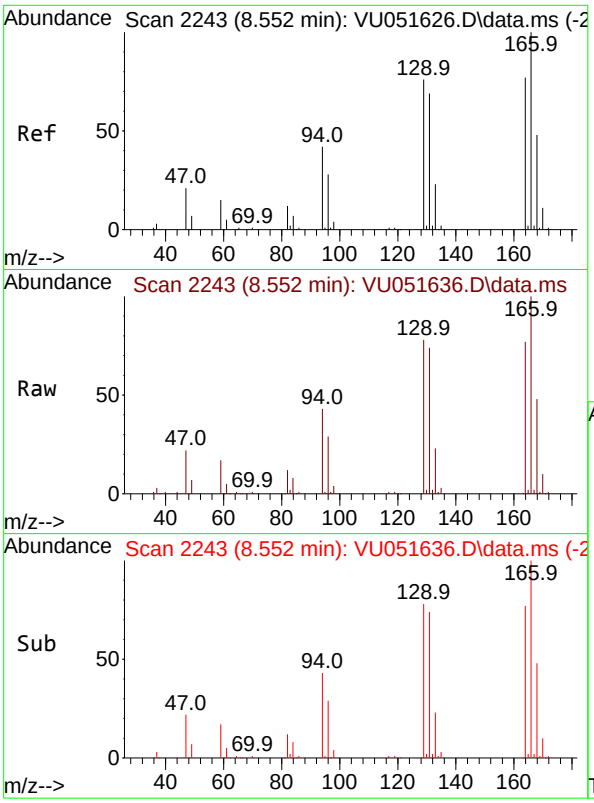


#34
Trichloroethene
Concen: 4.258 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Tgt Ion: 95 Resp: 81144

Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.2	84.0
132	96.3	66.5	123.5
130	96.1	68.3	126.8



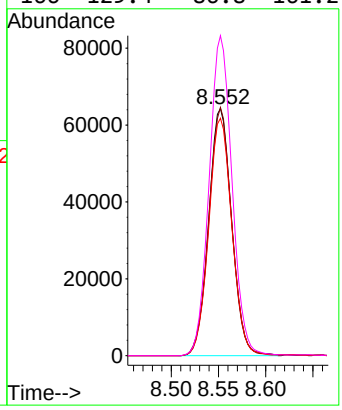


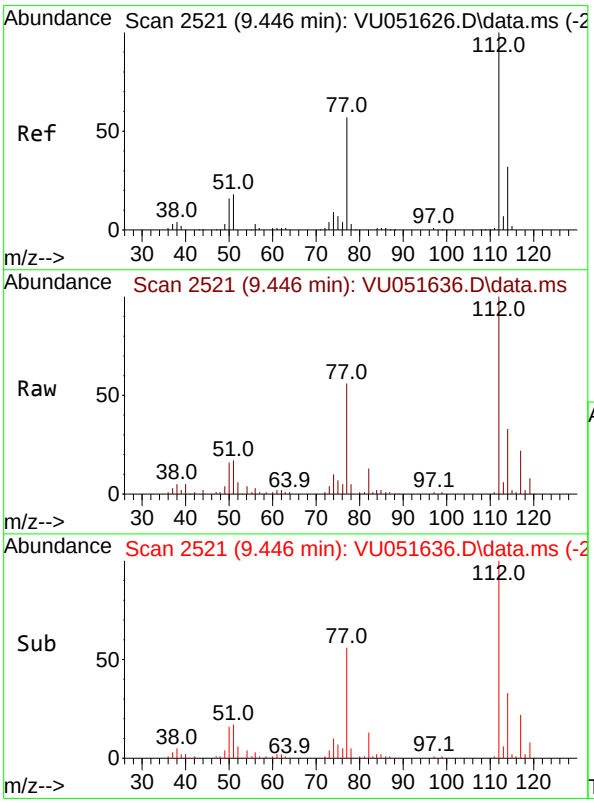
#47
Tetrachloroethene
Concen: 7.462 ug/L
RT: 8.552 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion:164 Resp: 108889

Ion	Ratio	Lower	Upper
164	100		
129	100.5	64.0	118.8
131	96.0	60.7	112.7
166	129.4	86.8	161.2

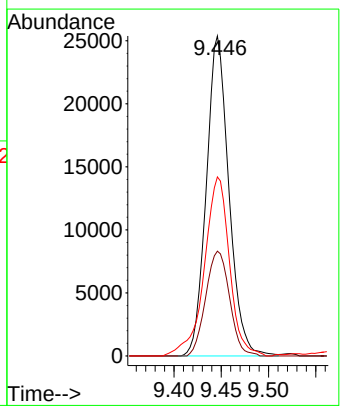


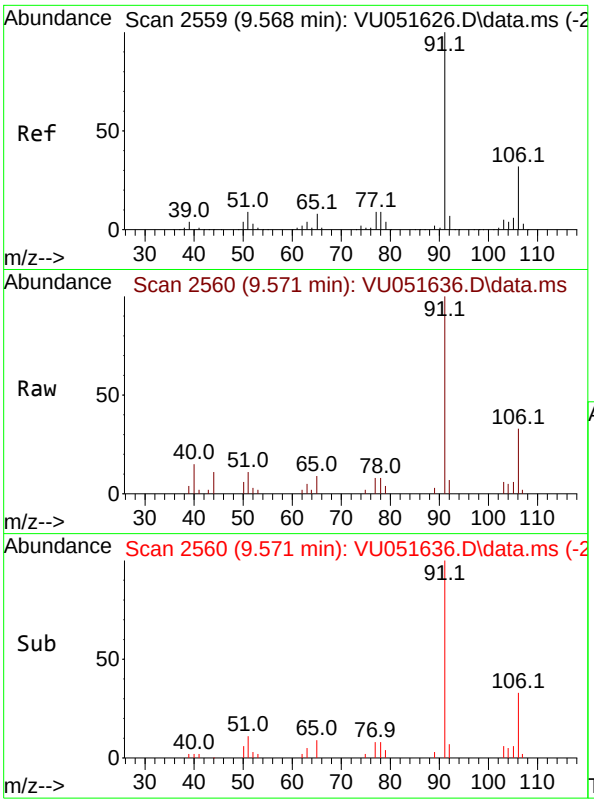


#51
Chlorobenzene
Concen: 0.827 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Tgt Ion:112 Resp: 42185

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.0	40.8
77	55.9	46.7	70.1



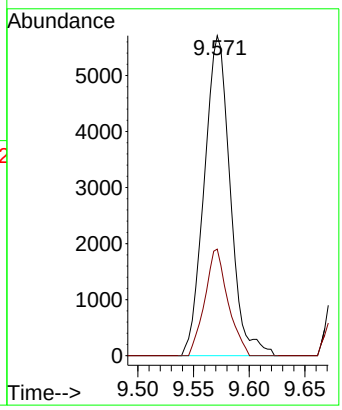


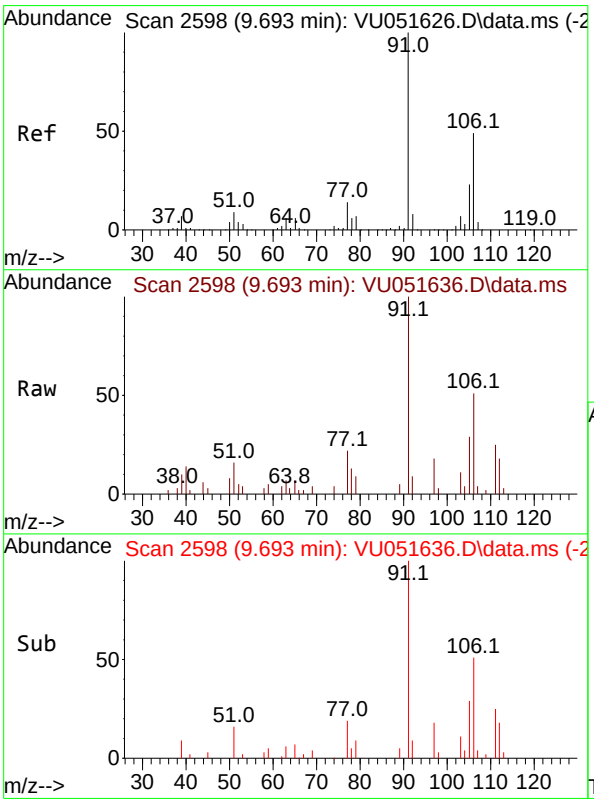
#52
Ethylbenzene
Concen: 0.118 ug/L
RT: 9.571 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion: 91 Resp: 9240

Ion	Ratio	Lower	Upper
91	100		
106	33.3	21.8	40.6

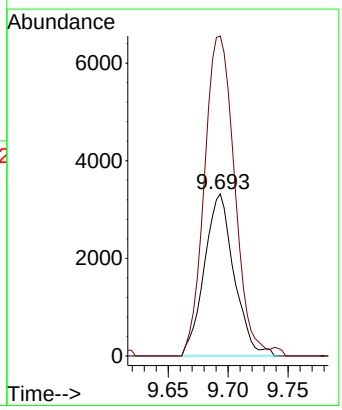


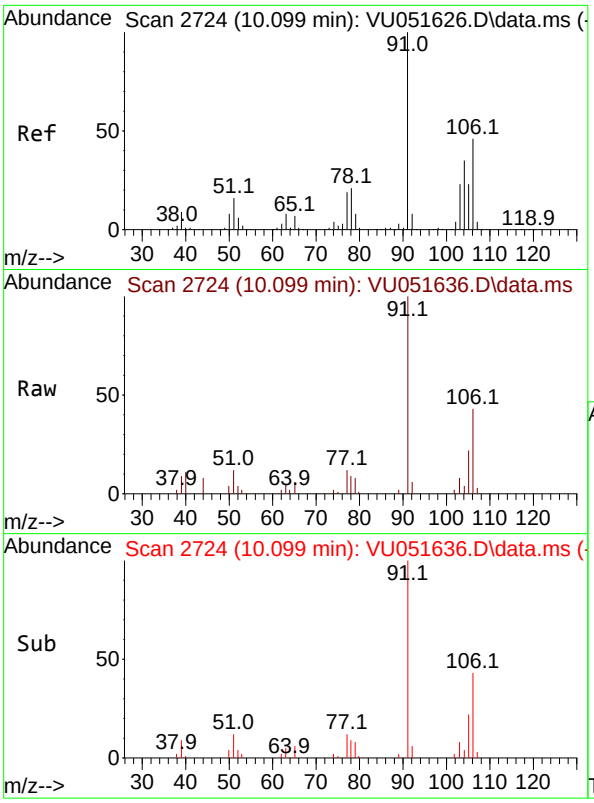


#53
m,p-Xylene
Concen: 0.188 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Tgt Ion:106 Resp: 5717

Ion	Ratio	Lower	Upper
106	100		
91	197.4	139.4	259.0



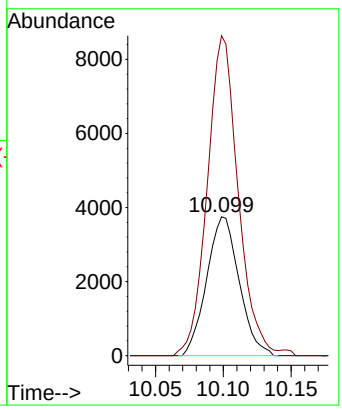


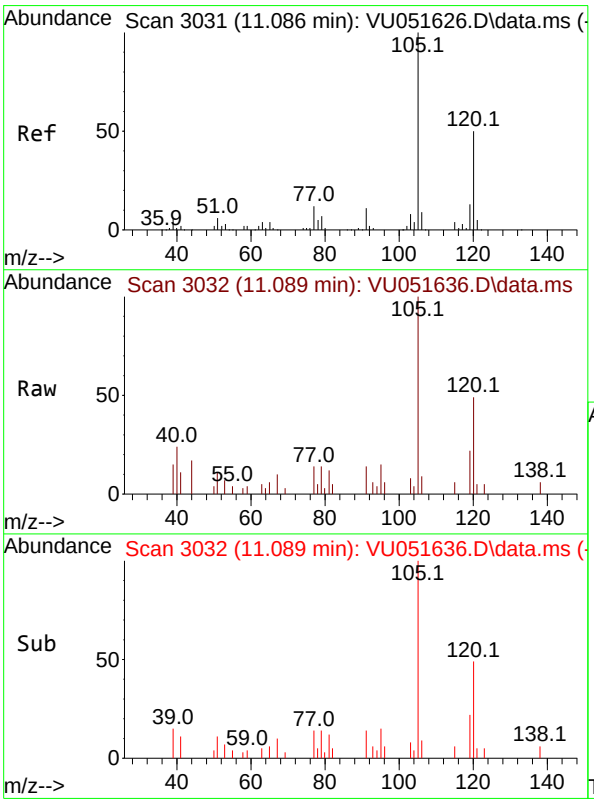
#54
o-Xylene
Concen: 0.210 ug/L
RT: 10.099 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion:106 Resp: 6243

Ion	Ratio	Lower	Upper
106	100		
91	230.4	149.2	277.2

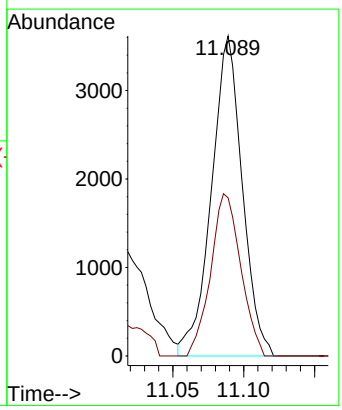


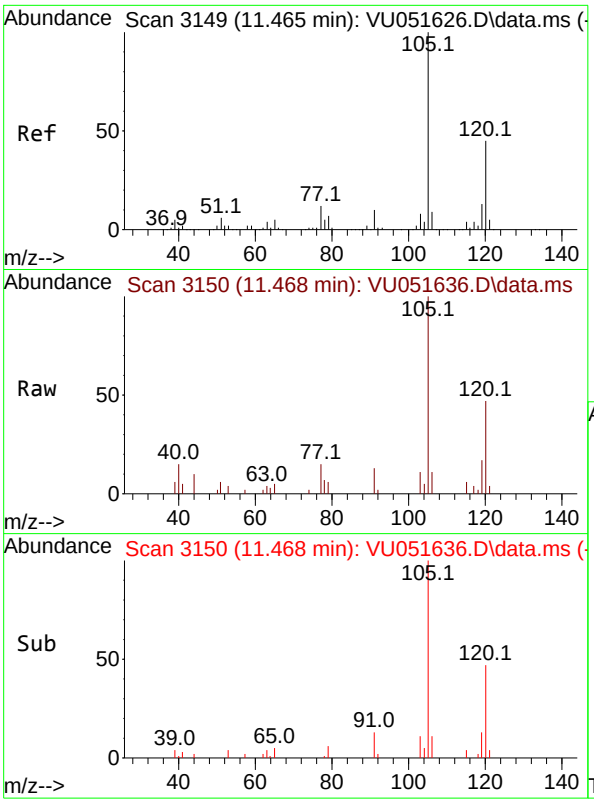


#62
1,3,5-Trimethylbenzene
Concen: 0.319 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Tgt Ion:105 Resp: 5470

Ion	Ratio	Lower	Upper
105	100		
120	49.4	38.6	57.8



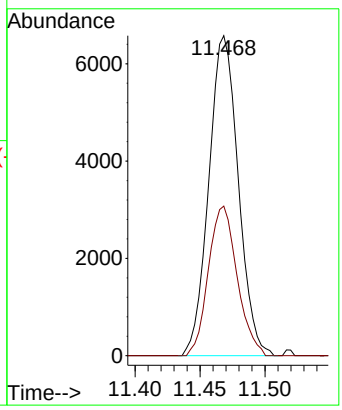


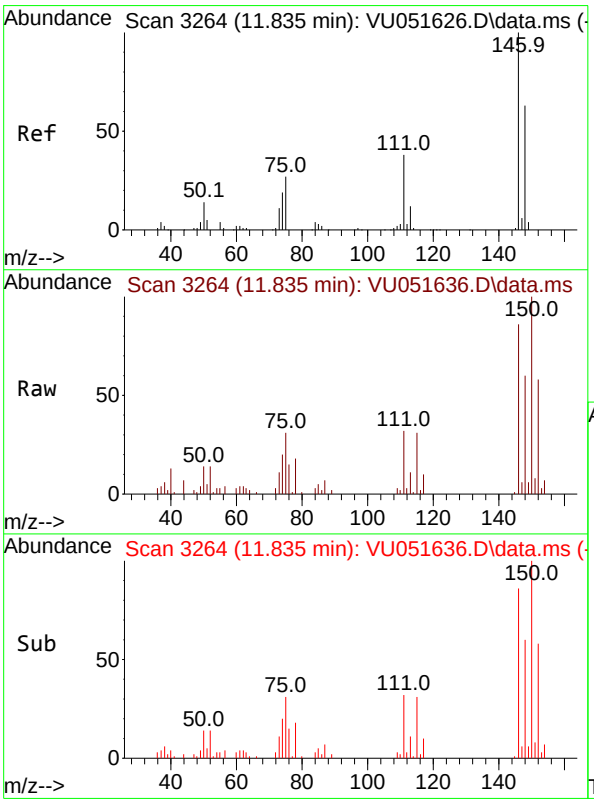
#63
1,2,4-Trimethylbenzene
Concen: 0.210 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion:105 Resp: 10388

Ion	Ratio	Lower	Upper
105	100		
120	45.5	35.8	53.6

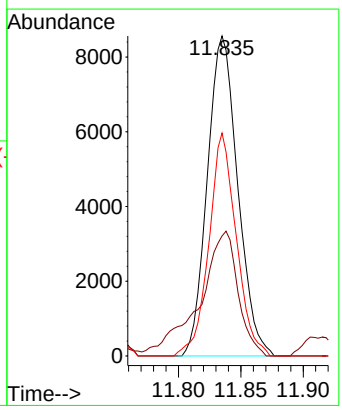


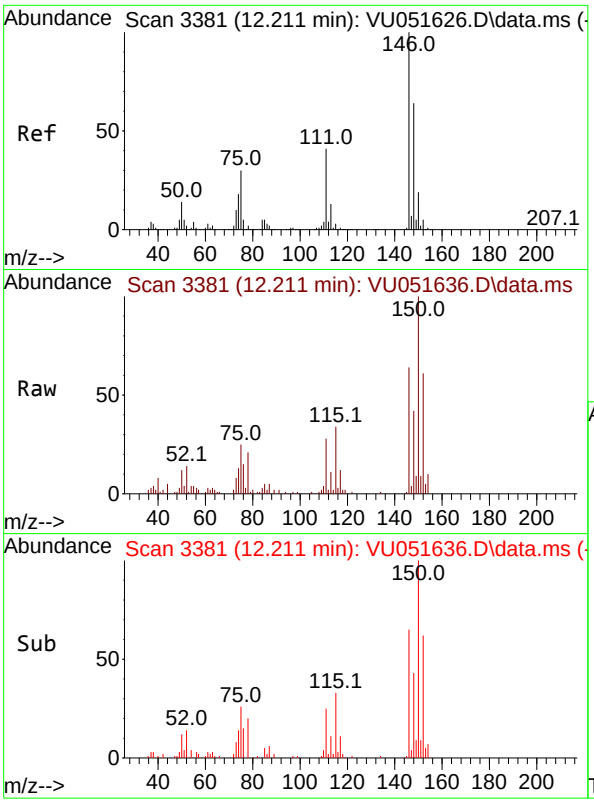


#65
1,4-Dichlorobenzene
Concen: 0.456 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Tgt Ion:146 Resp: 14526

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.7	49.5
148	69.7	43.5	80.9





#67
1,2-Dichlorobenzene
Concen: 0.560 ug/L
RT: 12.211 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051636.D
Acq: 01 Nov 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
DBWW5

Tgt Ion:146 Resp: 17329

Ion	Ratio	Lower	Upper
146	100		
111	44.0	34.2	51.2
148	66.9	50.1	75.1