Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051569.D
Acq On : 28 Oct 2022 15:16
Operator : JC/MD
Sample : VIBLK126
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Quant Time: Oct 28 22:45:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 22:38:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	237365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	65233	3.689	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.800%			
7) Chloroethane-d5	1.909	69	68725	3.726	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.600%			
11) 1,1-Dichloroethene-d2	2.562	65	24283	3.784	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.600%			
20) 2-Butanone-d5	4.636	46	233041	36.389	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.780%			
24) Chloroform-d	5.060	84	146842	3.549	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.000%			
26) 1,2-Dichloroethane-d4	5.700	65	80733	3.612	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.200%			
32) Benzene-d6	5.726	84	276705	3.694	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.800%			
36) 1,2-Dichloropropane-d6	6.690	67	97927	3.739	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.800%			
41) Toluene-d8	7.896	98	200506	3.404	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.000%#			
43) trans-1,3-Dichloroprop...	8.179	79	27393	3.420	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.400%			
46) 2-Hexanone-d5	8.632	63	168776	35.008	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.020%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83842	3.493	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 69.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	72092	4.101	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.000%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1740	0.087	ug/L #	48
22) cis-1,2-Dichloroethene	4.668	96	1351	0.056	ug/L	74
51) Chlorobenzene	9.443	112	5139	0.085	ug/L	97
55) Styrene	10.115	104	3790	0.064	ug/L	90
60) Isopropylbenzene	10.488	105	4339	0.062	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.092	105	1368	0.073	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	6269	0.180	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	6983	0.200	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	6240	0.184	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.996	75	591	0.232	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.221	180	7359	0.297	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	10738	0.564	ug/L	96
71) Naphthalene	14.089	128	28597	0.804	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	11847	0.616	ug/L	96

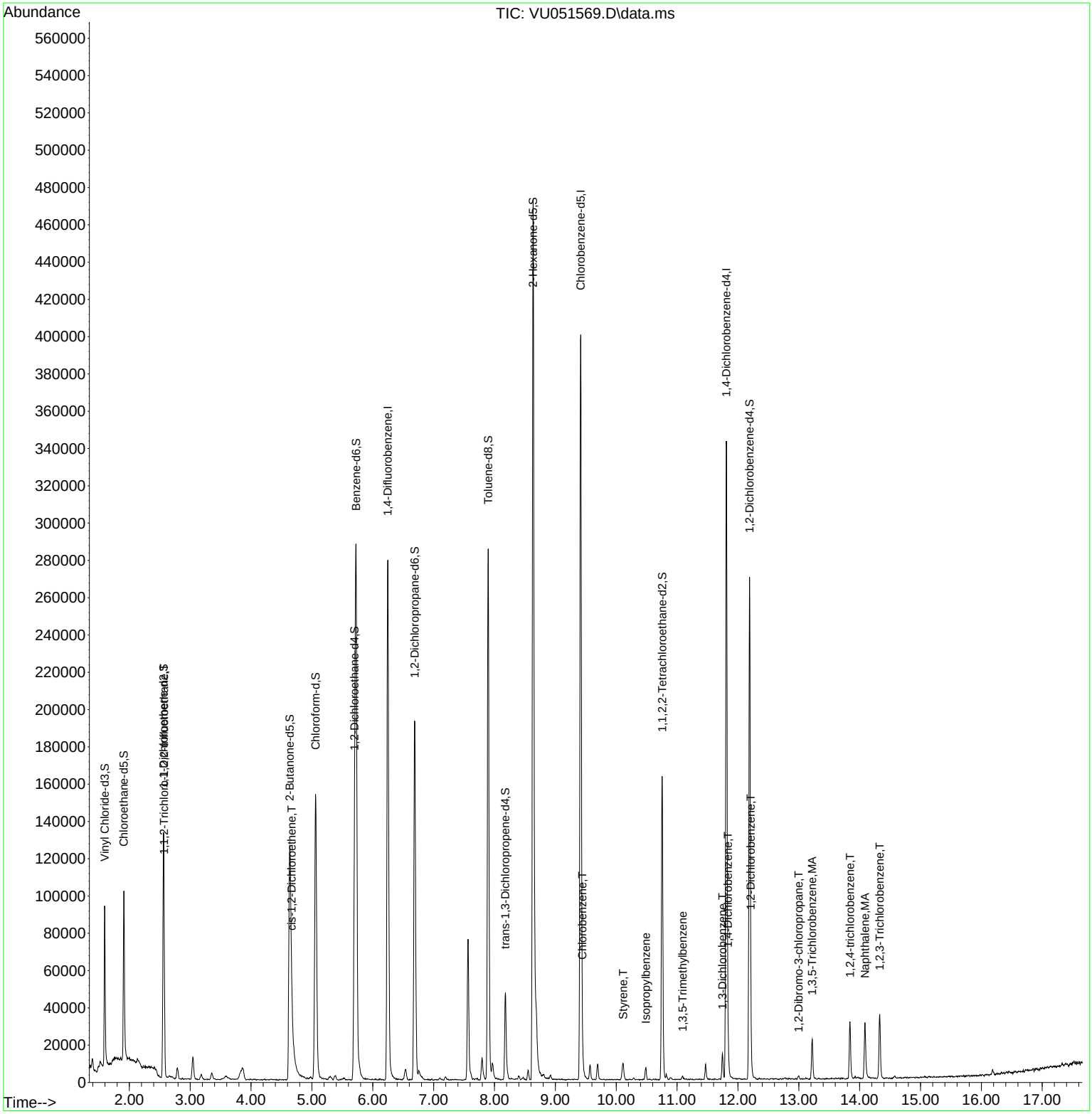
(#) = qualifier out of range (m) = manual integration (+) = signals summed

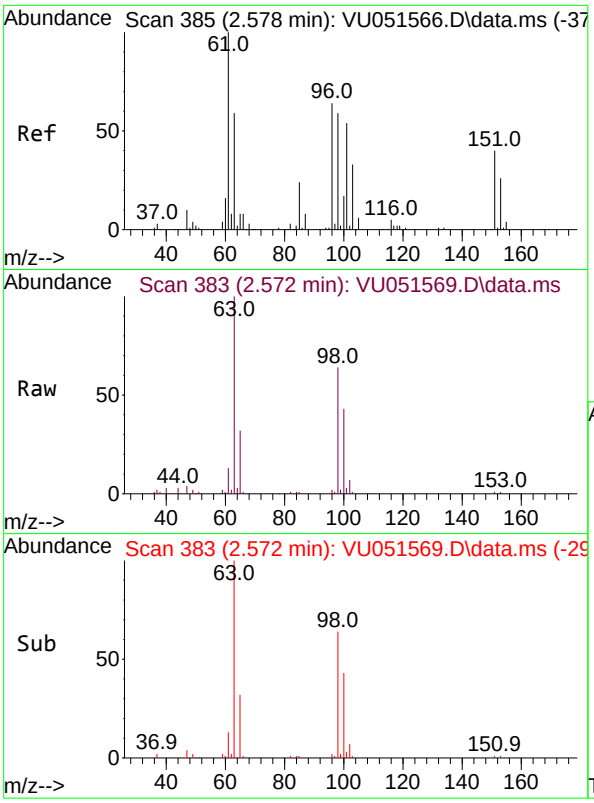
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051569.D
Acq On : 28 Oct 2022 15:16
Operator : JC/MD
Sample : VIBLK126
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Quant Time: Oct 28 22:45:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 22:38:21 2022
Response via : Initial Calibration



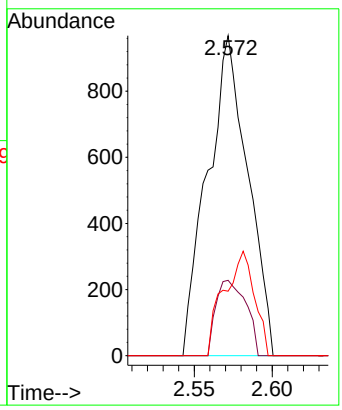


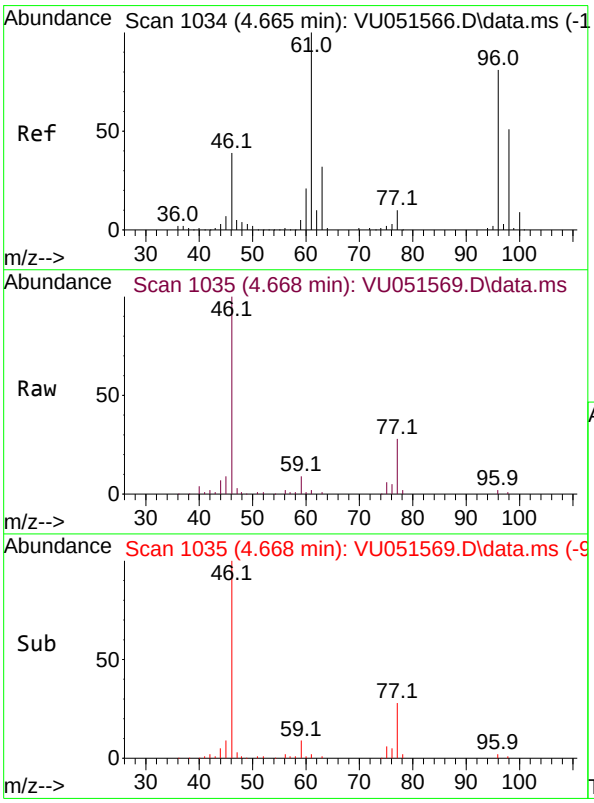
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.006 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:101 Resp: 1740

Ion	Ratio	Lower	Upper
101	100		
85	17.5	35.6	53.4#
151	24.7	59.6	89.4#

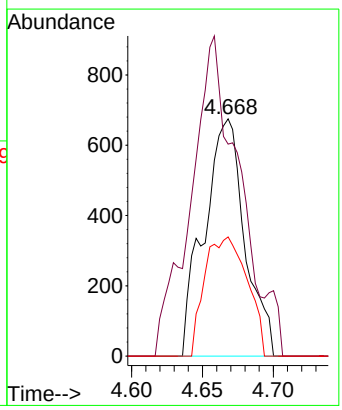


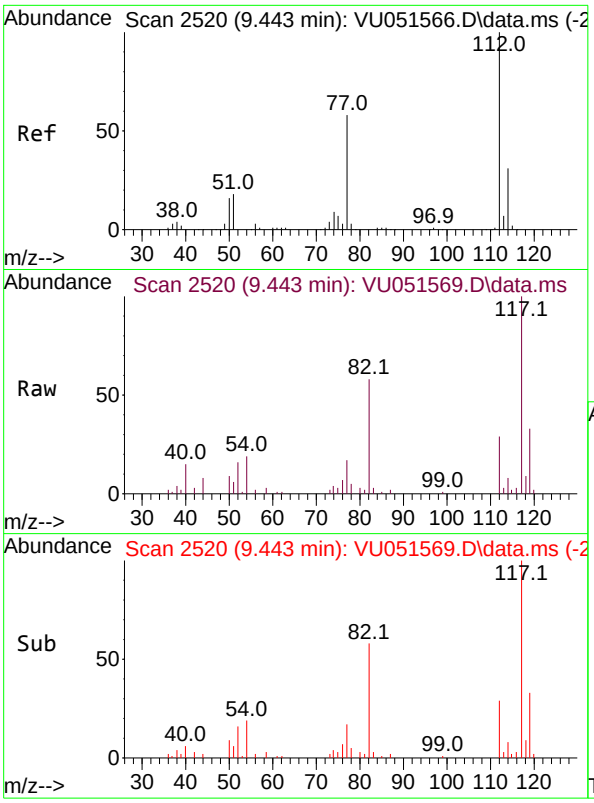


#22
cis-1,2-Dichloroethene
Concen: 0.056 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion: 96 Resp: 1351

Ion	Ratio	Lower	Upper
96	100		
61	89.3	86.4	160.4
98	50.2	44.2	82.2



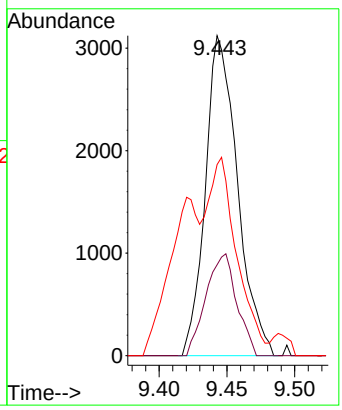


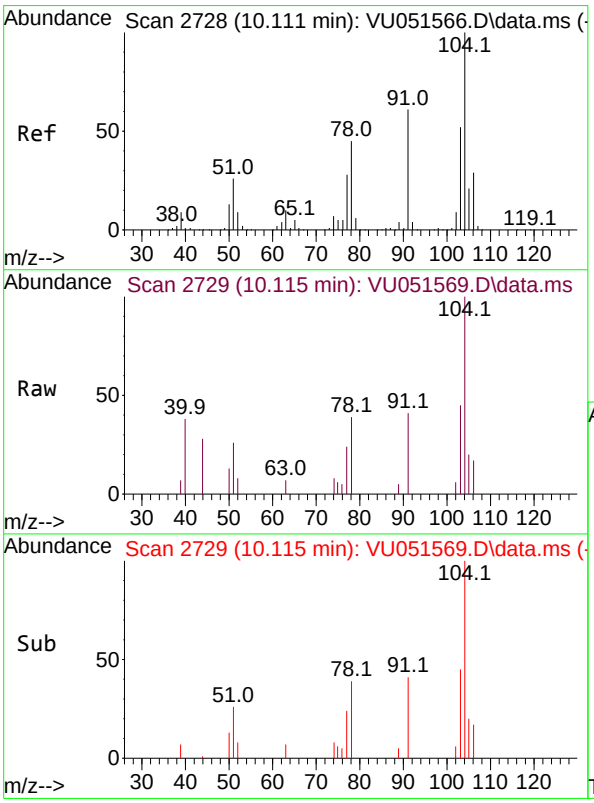
#51
Chlorobenzene
Concen: 0.085 ug/L
RT: 9.443 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:112 Resp: 5139

Ion	Ratio	Lower	Upper
112	100		
114	28.4	22.0	40.8
77	59.7	46.7	70.1

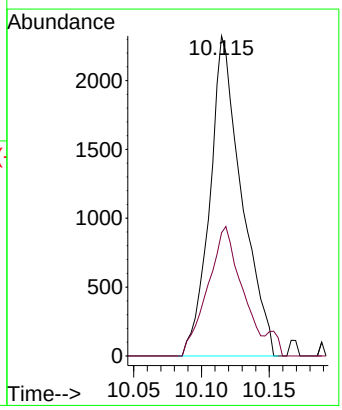


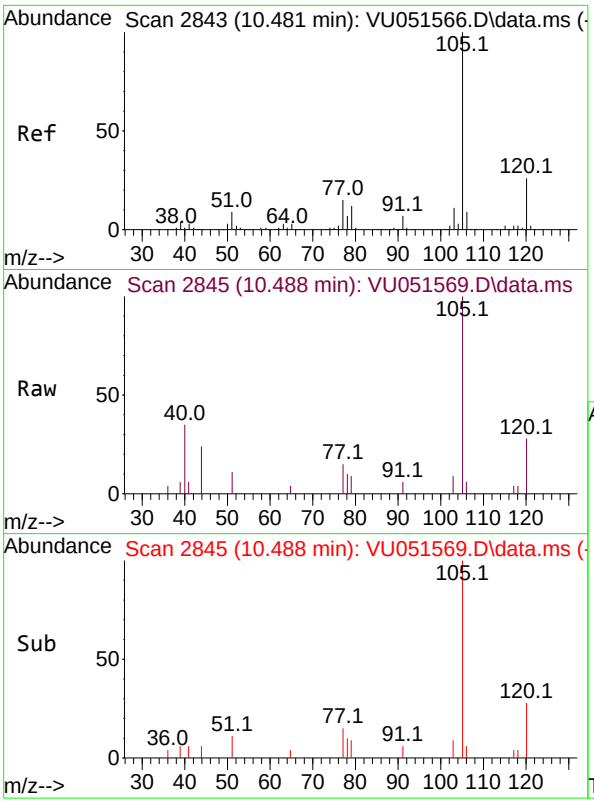


#55
Styrene
Concen: 0.064 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:104 Resp: 3790

Ion	Ratio	Lower	Upper
104	100		
78	38.5	31.8	59.0



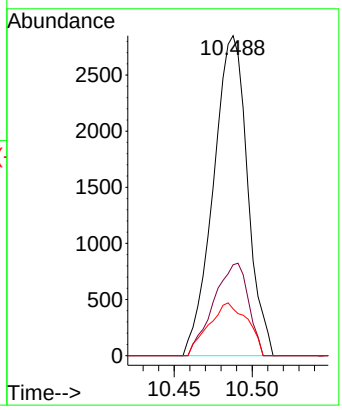


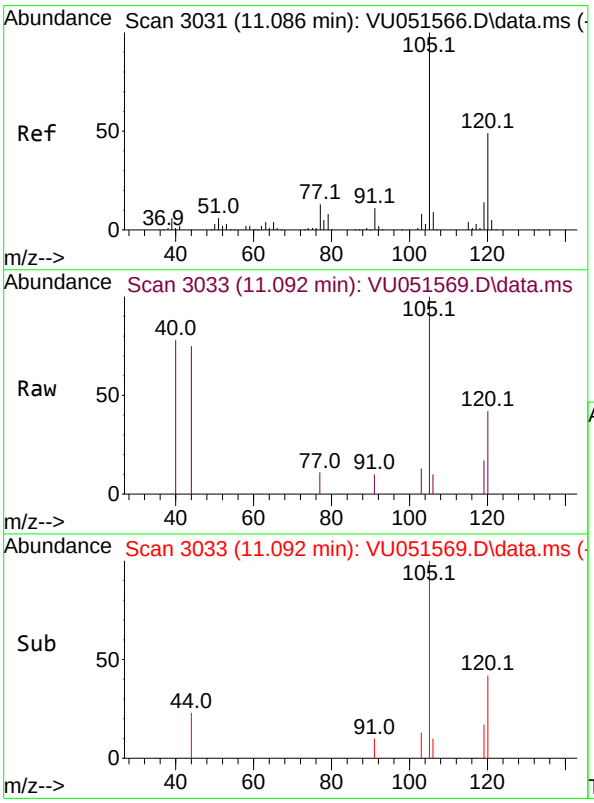
#60
Isopropylbenzene
Concen: 0.062 ug/L
RT: 10.488 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:105 Resp: 4339

Ion	Ratio	Lower	Upper
105	100		
120	29.5	20.9	31.3
77	18.8	12.3	18.5#

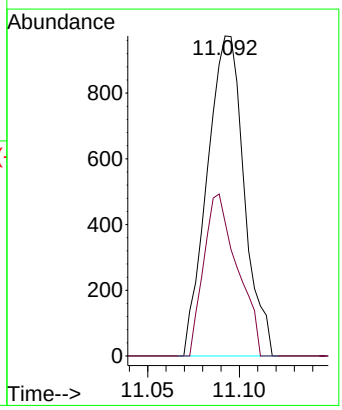


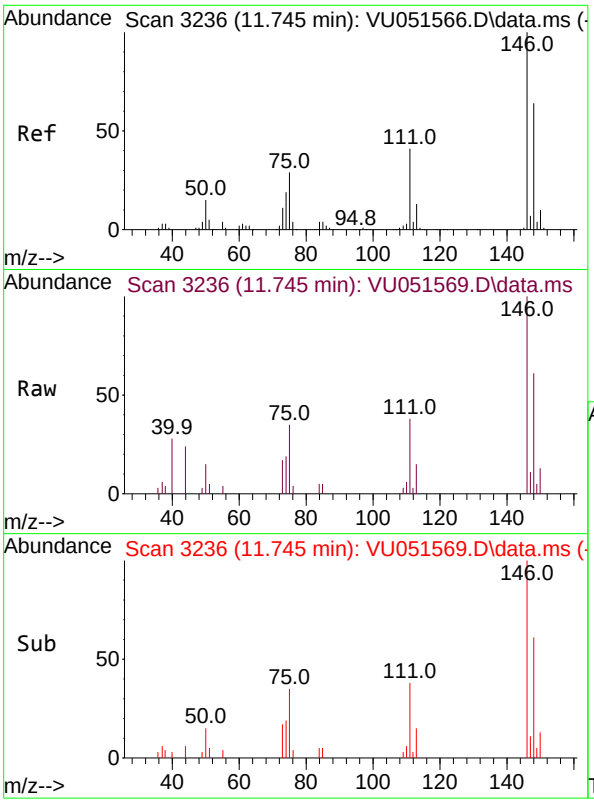


#62
1,3,5-Trimethylbenzene
Concen: 0.073 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.006 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:105 Resp: 1368

Ion	Ratio	Lower	Upper
105	100		
120	46.0	38.6	57.8



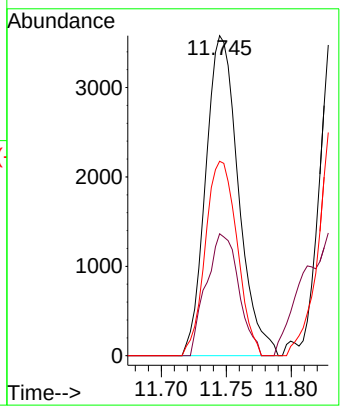


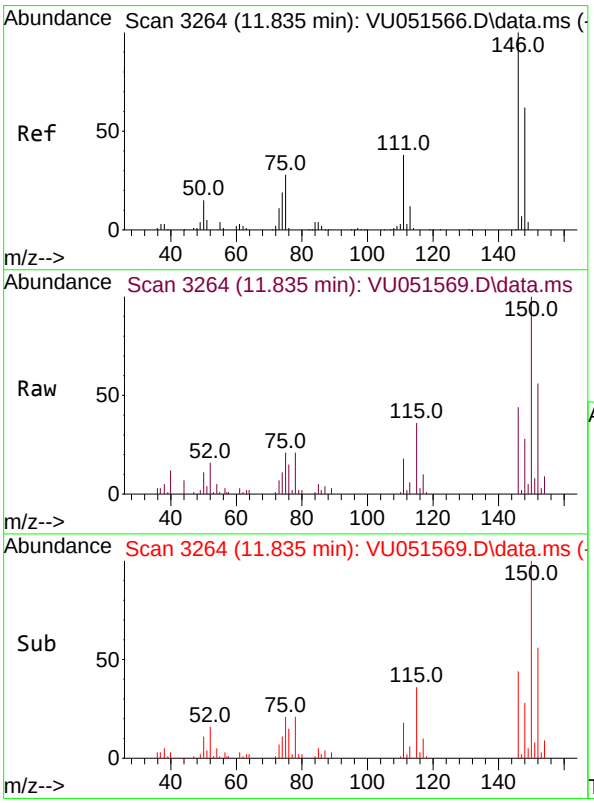
#64
1,3-Dichlorobenzene
Concen: 0.180 ug/L
RT: 11.745 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:146 Resp: 6269

Ion	Ratio	Lower	Upper
146	100		
111	38.1	28.6	53.2
148	60.8	44.7	82.9

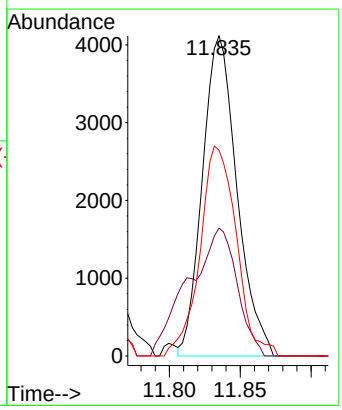


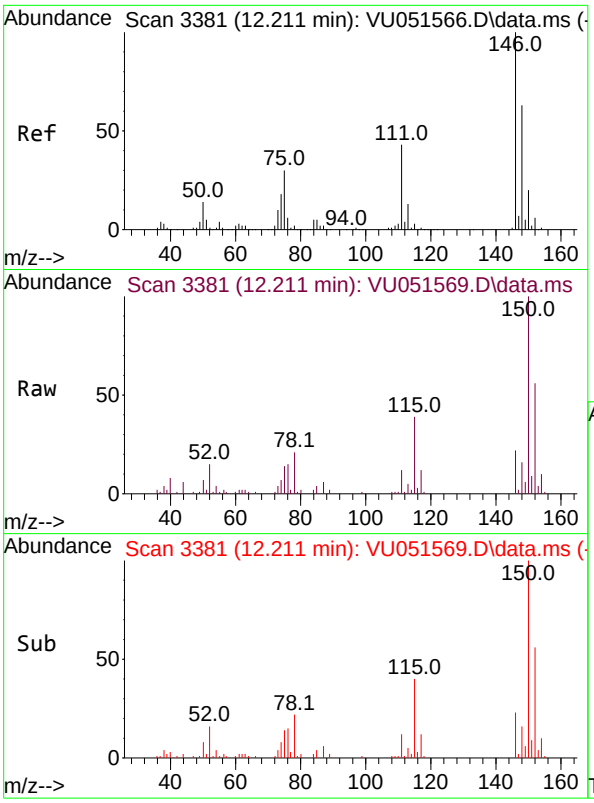


#65
1,4-Dichlorobenzene
Concen: 0.200 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:146 Resp: 6983

Ion	Ratio	Lower	Upper
146	100		
111	40.0	26.7	49.5
148	64.3	43.5	80.9



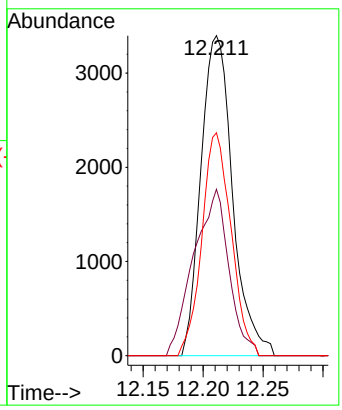


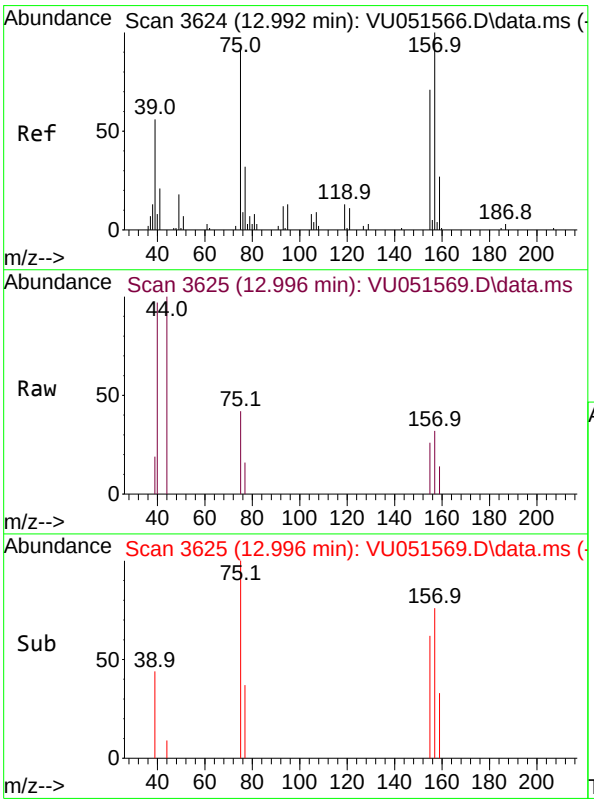
#67
1,2-Dichlorobenzene
Concen: 0.184 ug/L
RT: 12.211 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:146 Resp: 6240

Ion	Ratio	Lower	Upper
146	100		
111	52.0	34.2	51.2#
148	69.6	50.1	75.1

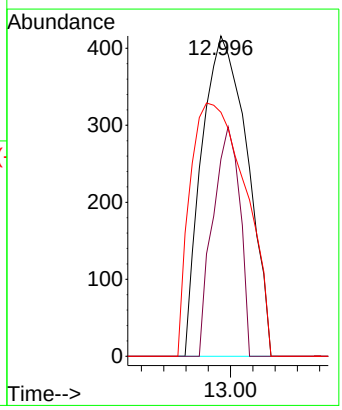


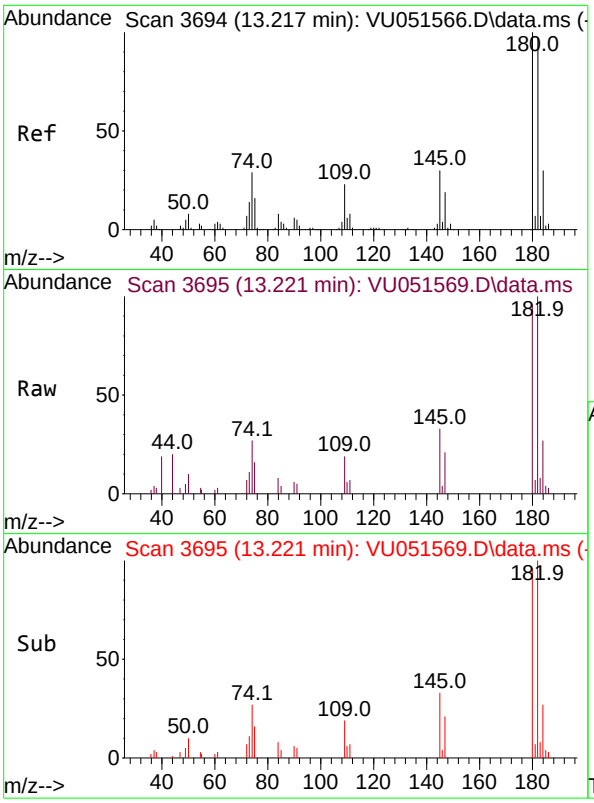


#68
1,2-Dibromo-3-chloropropane
Concen: 0.232 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion: 75 Resp: 591

Ion	Ratio	Lower	Upper
75	100		
155	61.5	61.4	92.2
157	76.2	86.7	130.1#



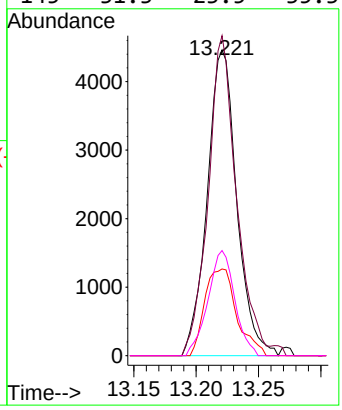


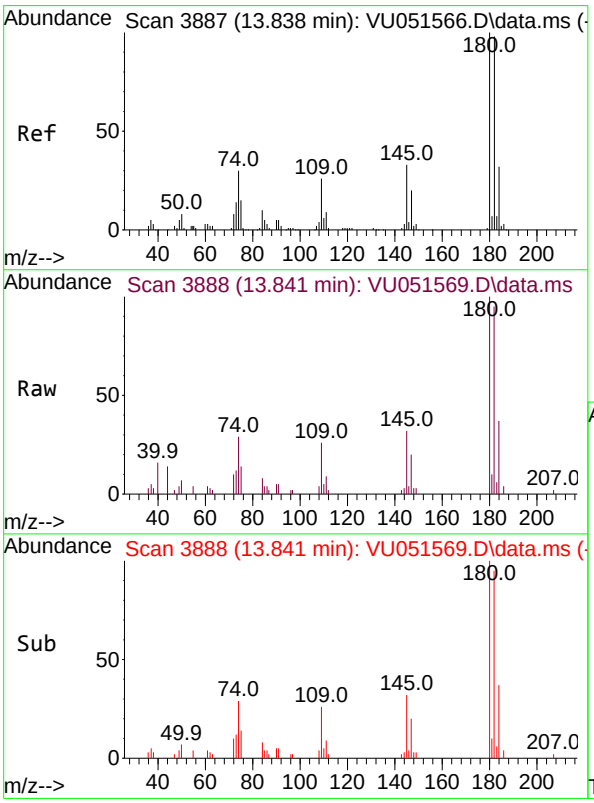
#69
1,3,5-Trichlorobenzene
Concen: 0.297 ug/L
RT: 13.221 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:180 Resp: 7359

Ion	Ratio	Lower	Upper
180	100		
182	100.2	77.0	115.6
184	30.7	23.7	35.5
145	31.3	23.5	35.3

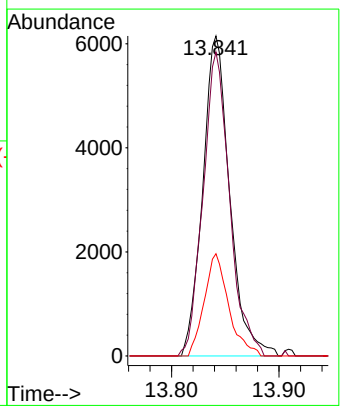


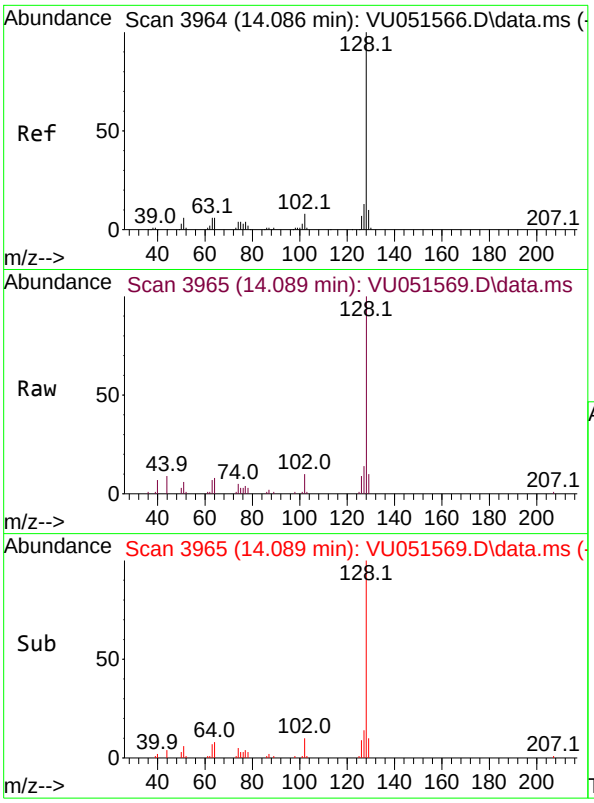


#70
1,2,4-trichlorobenzene
Concen: 0.564 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:180 Resp: 10738

Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.8	116.6
145	28.9	25.0	37.6



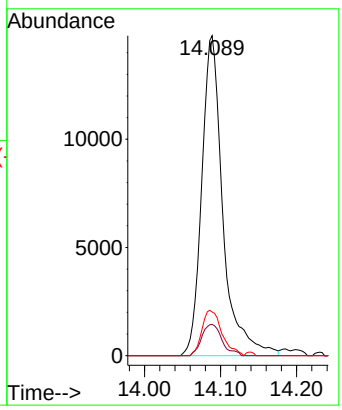


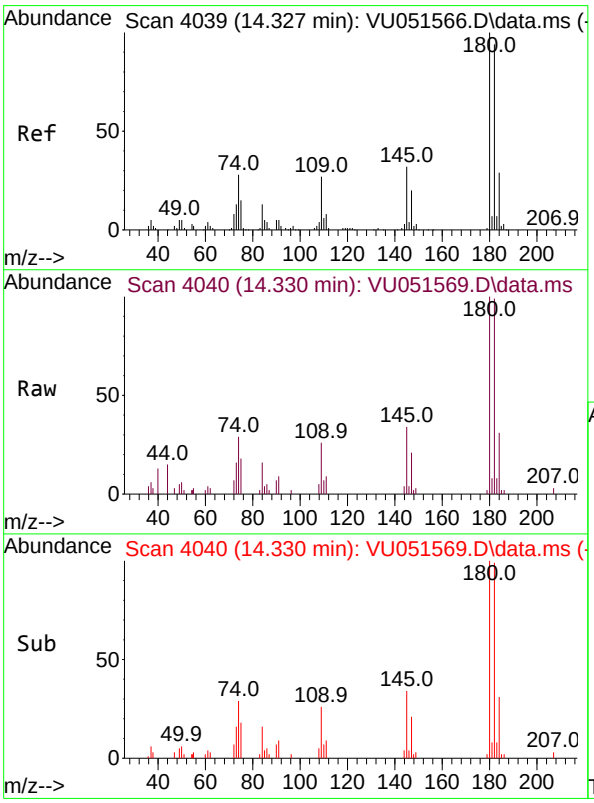
#71
Naphthalene
Concen: 0.804 ug/L
RT: 14.089 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:128 Resp: 28597

Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.4	12.6
127	13.4	10.3	15.5





#72
1,2,3-Trichlorobenzene
Concen: 0.616 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:180 Resp: 11847

Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.1	114.1
145	34.2	25.6	38.4