Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047899.D
Acq On : 11 Apr 2022 12:38
Operator : SY/MD
Sample : N2343-16DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 12 02:01:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 12 01:57:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	300299	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	312893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	164091	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	116884	53.674	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.340%			
7) Chloroethane-d5	1.916	69	102736	59.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.660%			
11) 1,1-Dichloroethene-d2	2.572	63	153200	38.452	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.900%			
21) 2-Butanone-d5	4.623	46	192376	102.922	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.920%			
24) Chloroform-d	5.067	84	221517	55.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.180%			
26) 1,2-Dichloroethane-d4	5.703	65	140754	57.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.200%			
32) Benzene-d6	5.729	84	442946	56.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.520%			
36) 1,2-Dichloropropane-d6	6.694	67	141452	58.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.000%			
41) Toluene-d8	7.899	98	395604	51.572	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.140%			
43) trans-1,3-Dichloroprop...	8.182	79	62477	51.002	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.000%			
47) 2-Hexanone-d5	8.632	63	144692	102.222	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.220%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	219669	52.937	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.880%			
66) 1,2-Dichlorobenzene-d4	12.195	152	176372	60.415	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.840%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1556	0.703	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1486	0.721	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	12645	3.967	ug/L #	75
33) Benzene	5.777	78	1521699	168.018	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2763	0.775	ug/L	90
51) Chlorobenzene	9.449	112	1057778	156.768	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	8543	1.733	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	249515	48.871	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	167608	33.983	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	8951	2.236	ug/L	96
70) 1,2,4-trichlorobenzene	13.844	180	8951	2.553	ug/L	95

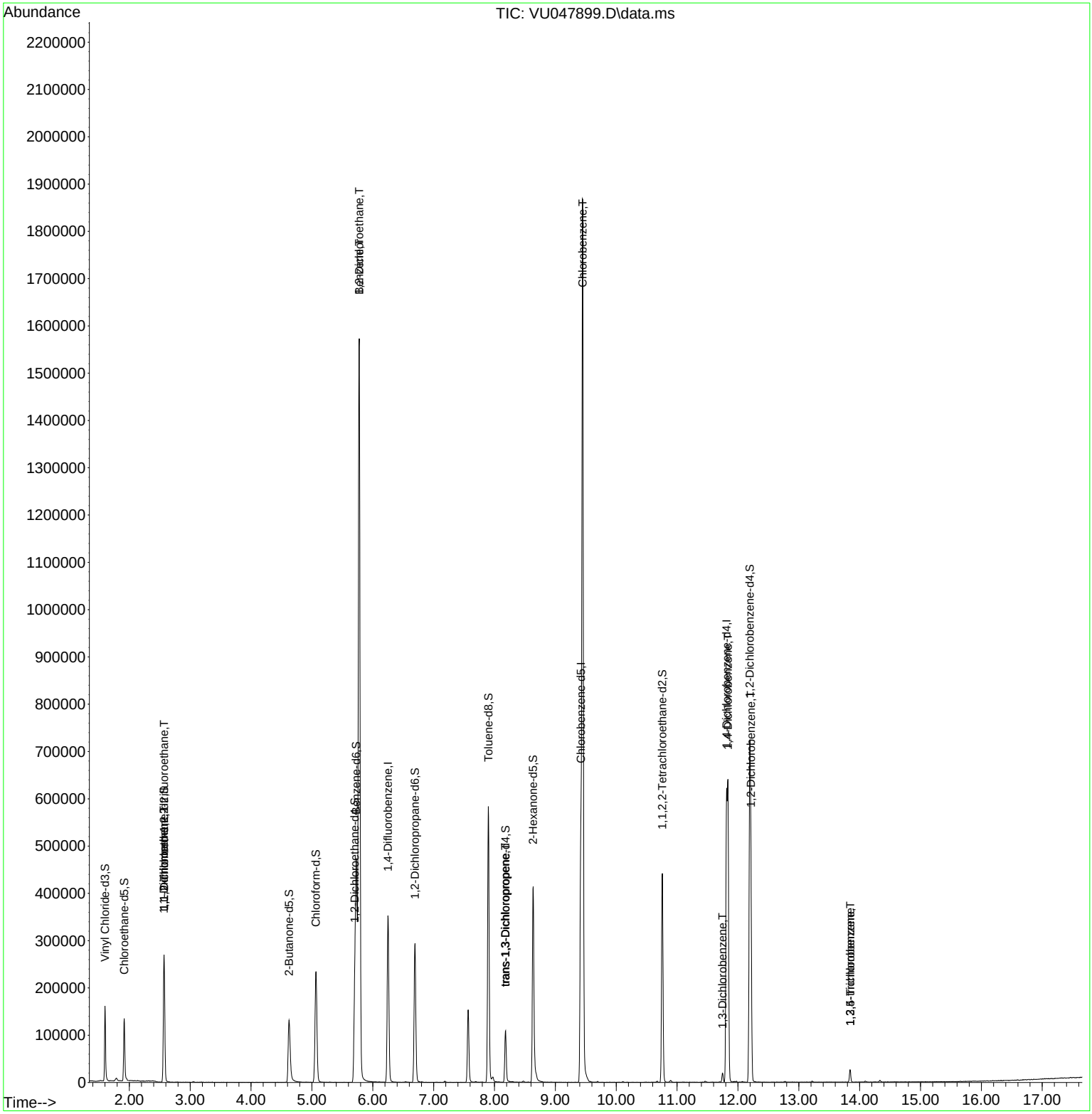
(#) = qualifier out of range (m) = manual integration (+) = signals summed

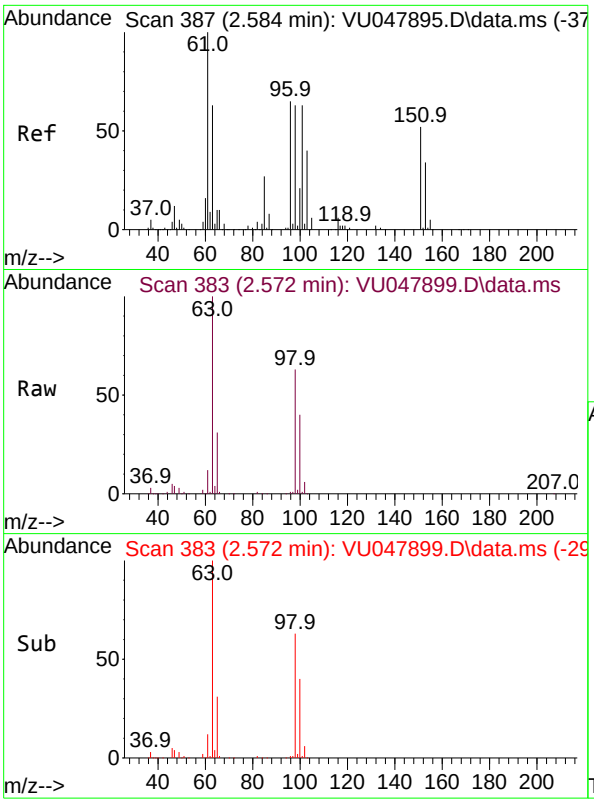
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047899.D
Acq On : 11 Apr 2022 12:38
Operator : SY/MD
Sample : N2343-16DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 12 02:01:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 12 01:57:58 2022
Response via : Initial Calibration



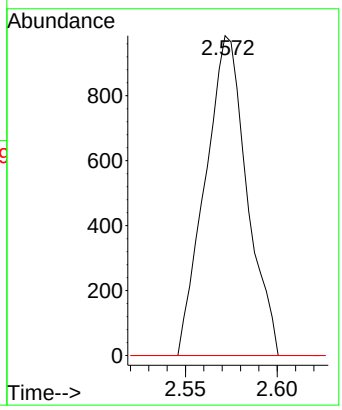


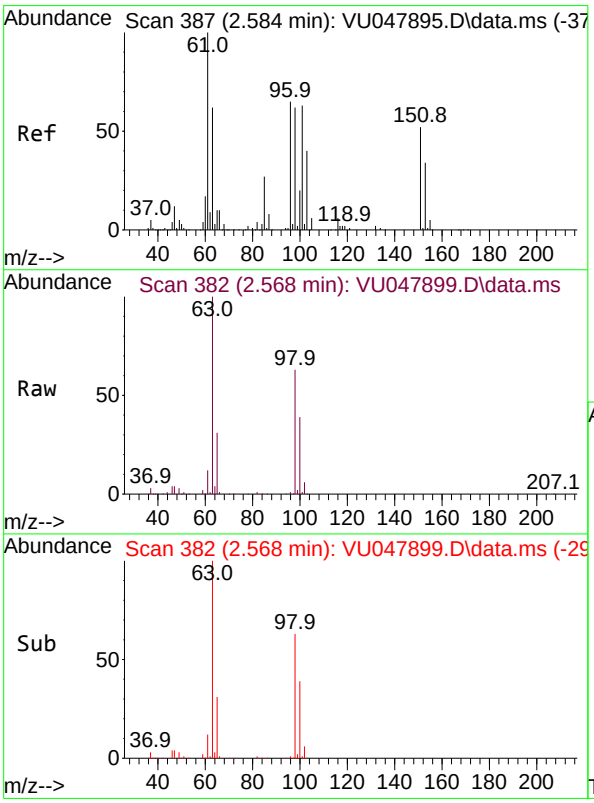
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.703 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 1556

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	0.0	63.0	94.6#

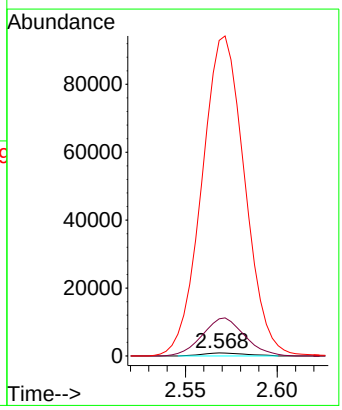


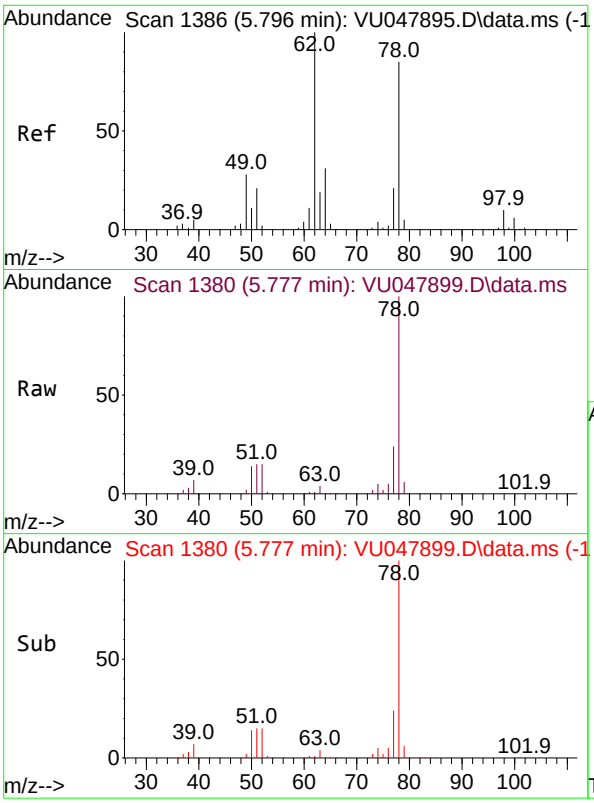


#12
1,1-Dichloroethene
Concen: 0.721 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Tgt Ion: 96 Resp: 1486

Ion	Ratio	Lower	Upper
96	100		
61	1246.1	113.1	210.1#
63	10573.8	94.8	176.0#



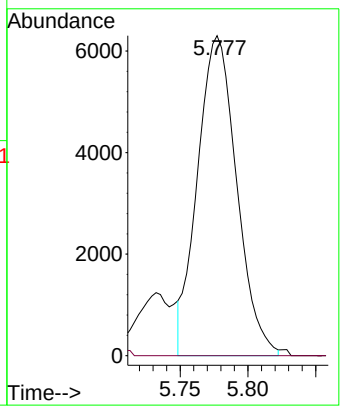


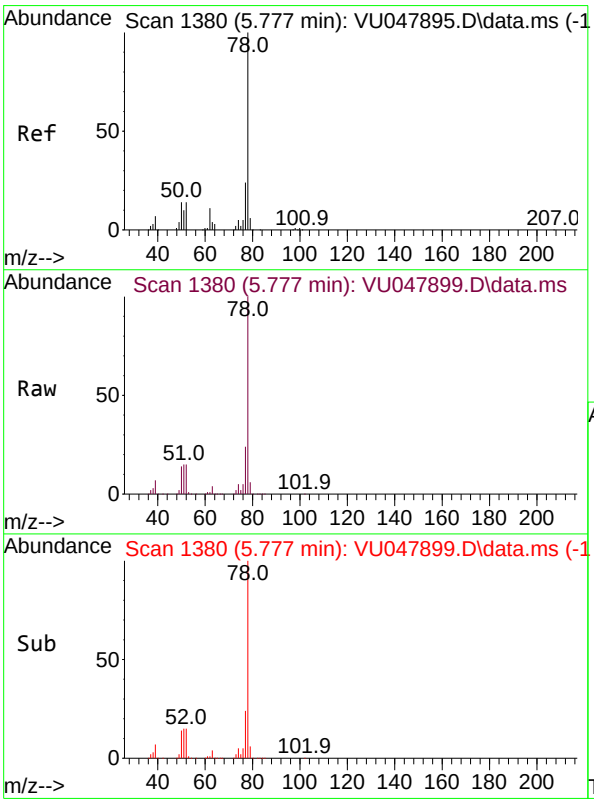
#27
1,2-Dichloroethane
Concen: 3.967 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.019 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 12645

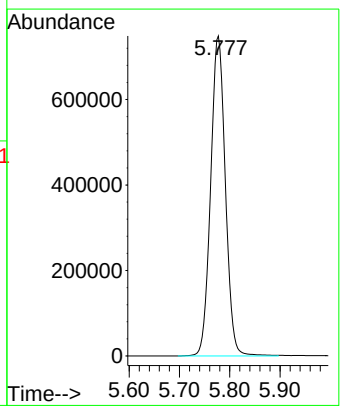
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

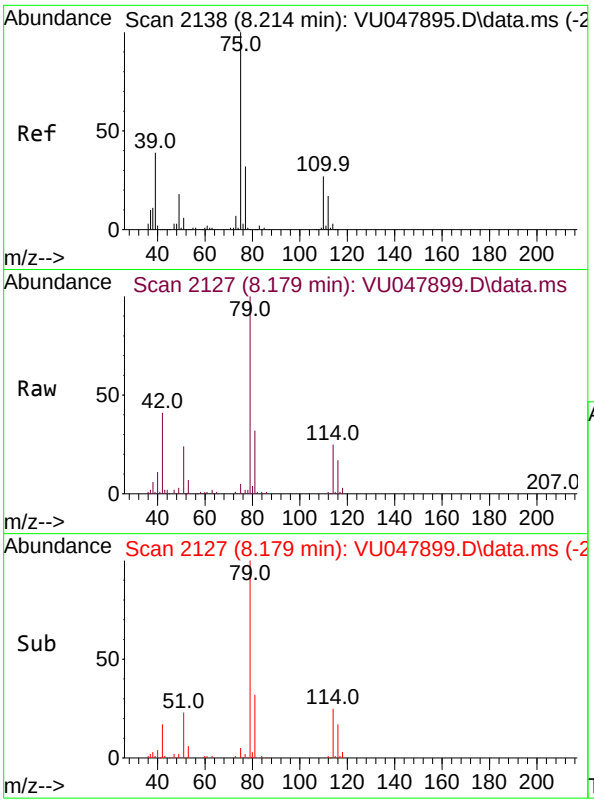




#33
Benzene
Concen: 168.018 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Tgt Ion: 78 Resp: 1521699



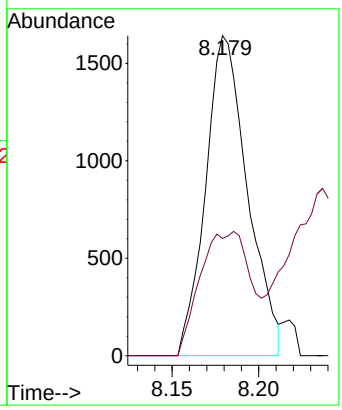


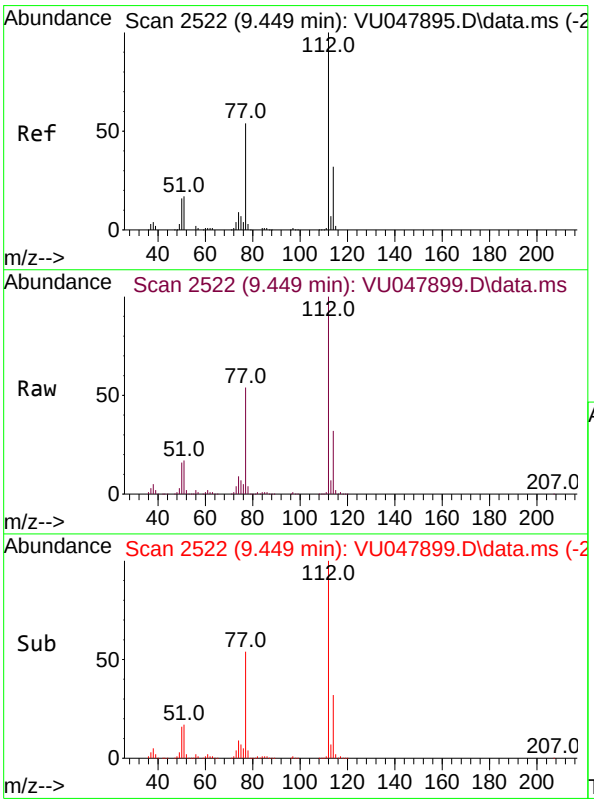
#44
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.035 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2763

Ion	Ratio	Lower	Upper
75	100		
77	36.7	22.0	40.8

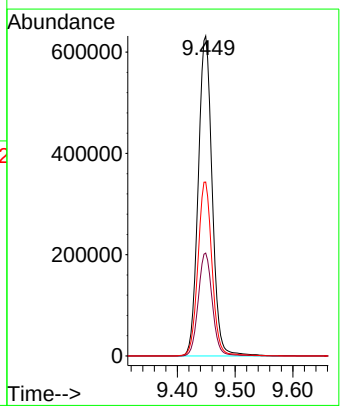


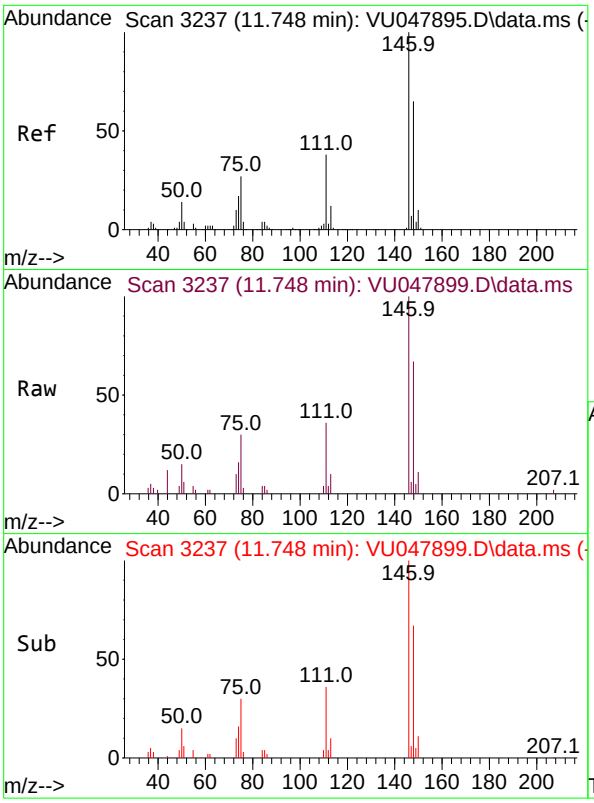


#51
Chlorobenzene
Concen: 156.768 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Tgt Ion:112 Resp: 1057778

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.1	41.1
77	54.3	43.4	65.0



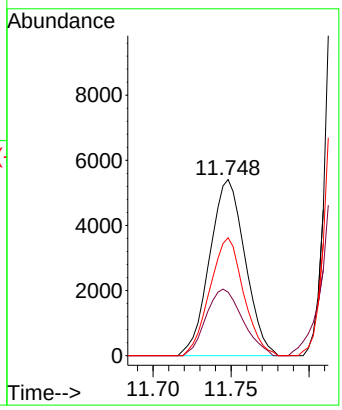


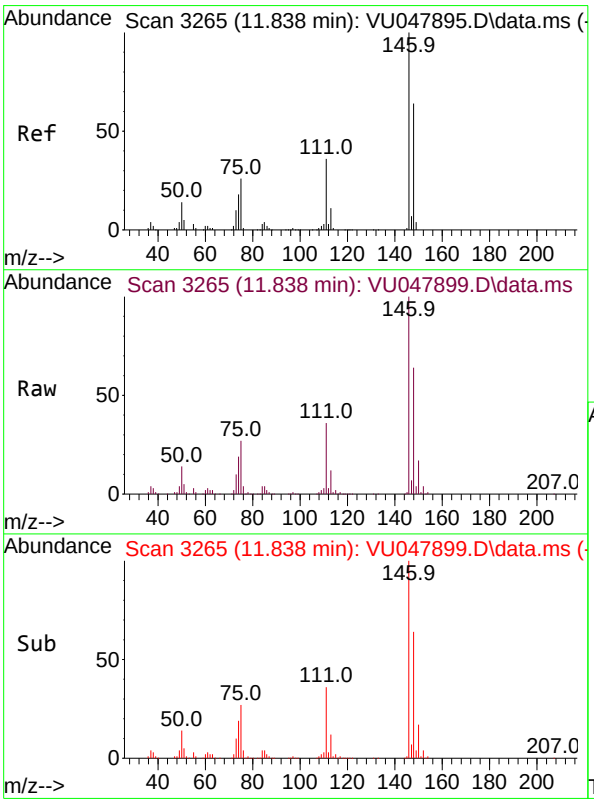
#64
1,3-Dichlorobenzene
Concen: 1.733 ug/L
RT: 11.748 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 8543

Ion	Ratio	Lower	Upper
146	100		
111	36.1	26.7	49.7
148	66.9	44.4	82.5

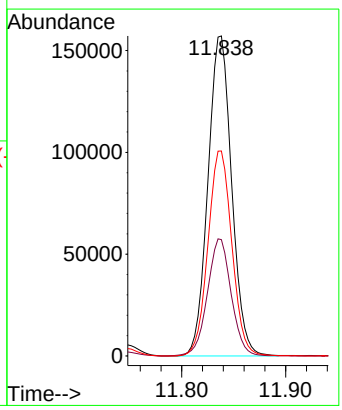


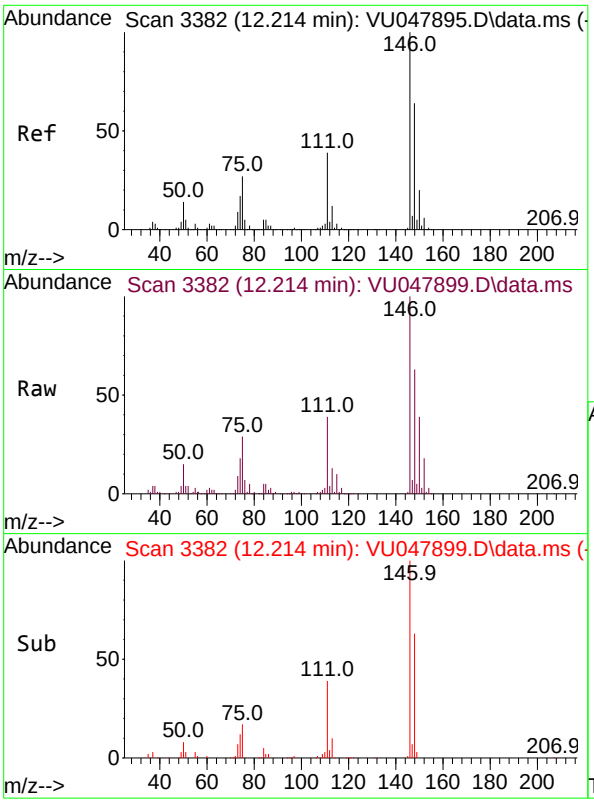


#65
1,4-Dichlorobenzene
Concen: 48.871 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Tgt Ion:146 Resp: 249515

Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.3	47.1
148	64.0	44.5	82.7



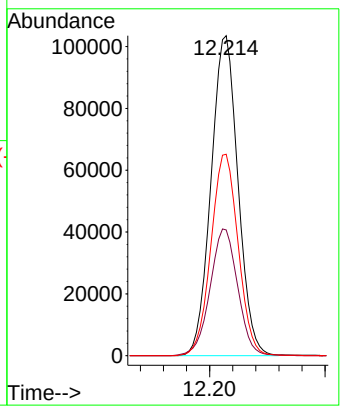


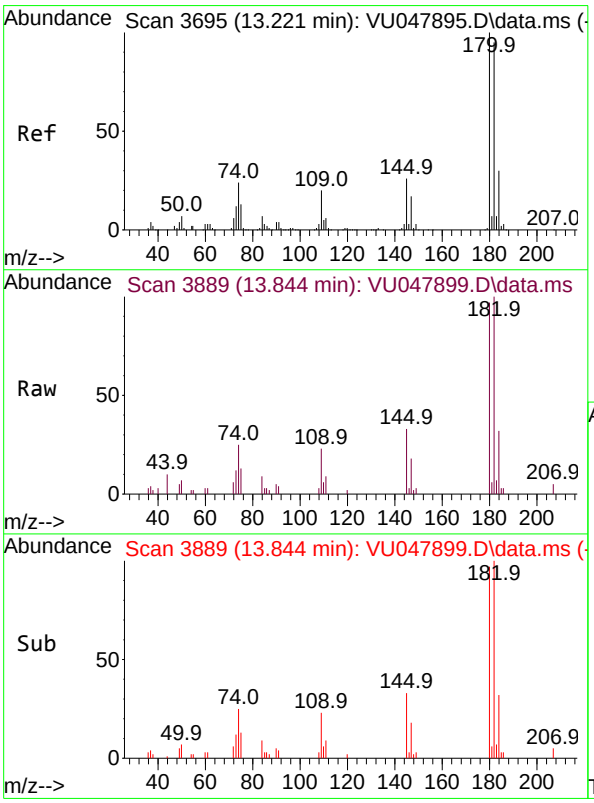
#67
1,2-Dichlorobenzene
Concen: 33.983 ug/L
RT: 12.214 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 167608

Ion	Ratio	Lower	Upper
146	100		
111	39.3	31.7	47.5
148	63.0	51.4	77.2

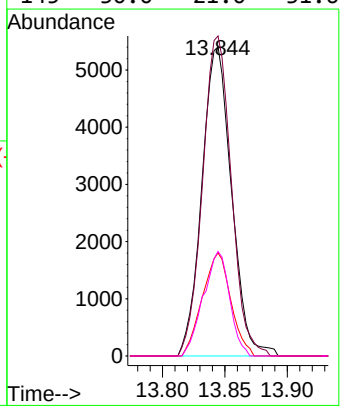


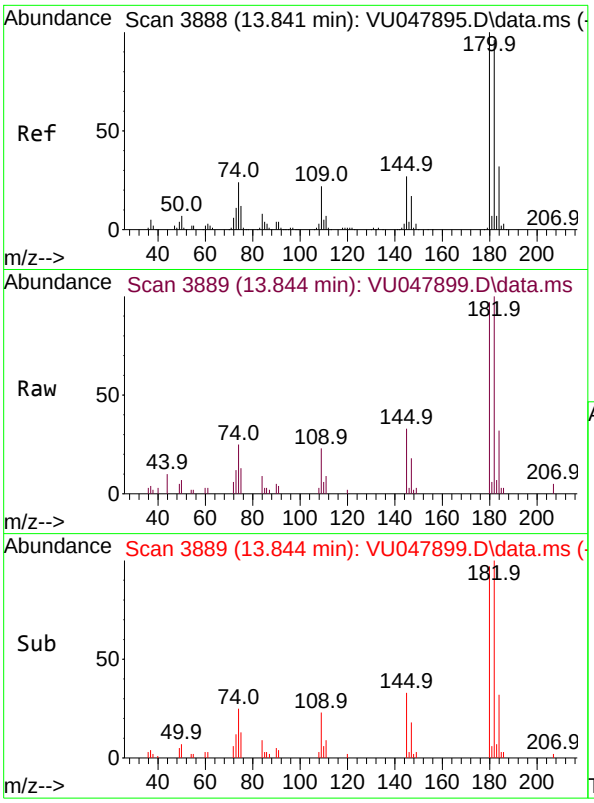


#69
1,3,5-Trichlorobenzene
Concen: 2.236 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Tgt Ion:180 Resp: 8951

Ion	Ratio	Lower	Upper
180	100		
182	100.2	77.0	115.6
184	31.9	24.5	36.7
145	30.0	21.0	31.6





#70
1,2,4-trichlorobenzene
Concen: 2.553 ug/L
RT: 13.844 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU047899.D
Acq: 11 Apr 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 8951

Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.2	114.2
145	30.0	21.8	32.8