Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
Data File : VU050609.D
Acq On : 03 Sep 2022 14:02
Operator : SY/MD
Sample : N4458-02DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Quant Time: Sep 05 01:06:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 05 01:05:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	279811	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	267705	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95083	39.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.460%			
7) Chloroethane-d5	1.903	69	72655	44.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.780%			
11) 1,1-Dichloroethene-d2	2.562	63	131707	31.142	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.280%			
21) 2-Butanone-d5	4.629	46	197849	112.994	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.990%			
24) Chloroform-d	5.060	84	228583	50.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.780%			
26) 1,2-Dichloroethane-d4	5.700	65	154408	55.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.420%			
32) Benzene-d6	5.726	84	451137	50.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.980%			
36) 1,2-Dichloropropane-d6	6.690	67	161389	55.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.120%			
41) Toluene-d8	7.896	98	362685	47.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.880%			
43) trans-1,3-Dichloroprop...	8.179	79	55017	45.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.560%			
47) 2-Hexanone-d5	8.636	63	75273	103.028	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.030%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	239011	54.377	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.760%			
66) 1,2-Dichlorobenzene-d4	12.192	152	125848	51.609	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.220%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1241	0.568	ug/L #	23
12) 1,1-Dichloroethene	2.565	96	1246	0.586	ug/L #	1
16) Methylene chloride	3.044	84	3467	1.243	ug/L	89
22) 2-Butanone	4.719	43	8188	3.963	ug/L #	60
33) Benzene	5.774	78	54424	5.586	ug/L	100
37) 1,2-Dichloropropane	6.690	63	16104	6.258	ug/L #	89
44) trans-1,3-Dichloropropene	8.179	75	2613	0.800	ug/L #	78
48) 2-Hexanone	8.687	43	63945	19.538	ug/L	92
51) Chlorobenzene	9.446	112	263106	42.837	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	9192	2.534	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	69026	19.248	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	98912	25.599	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	10473	3.978	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	10473	4.685	ug/L	92

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

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Quant Title : VOC Analysis
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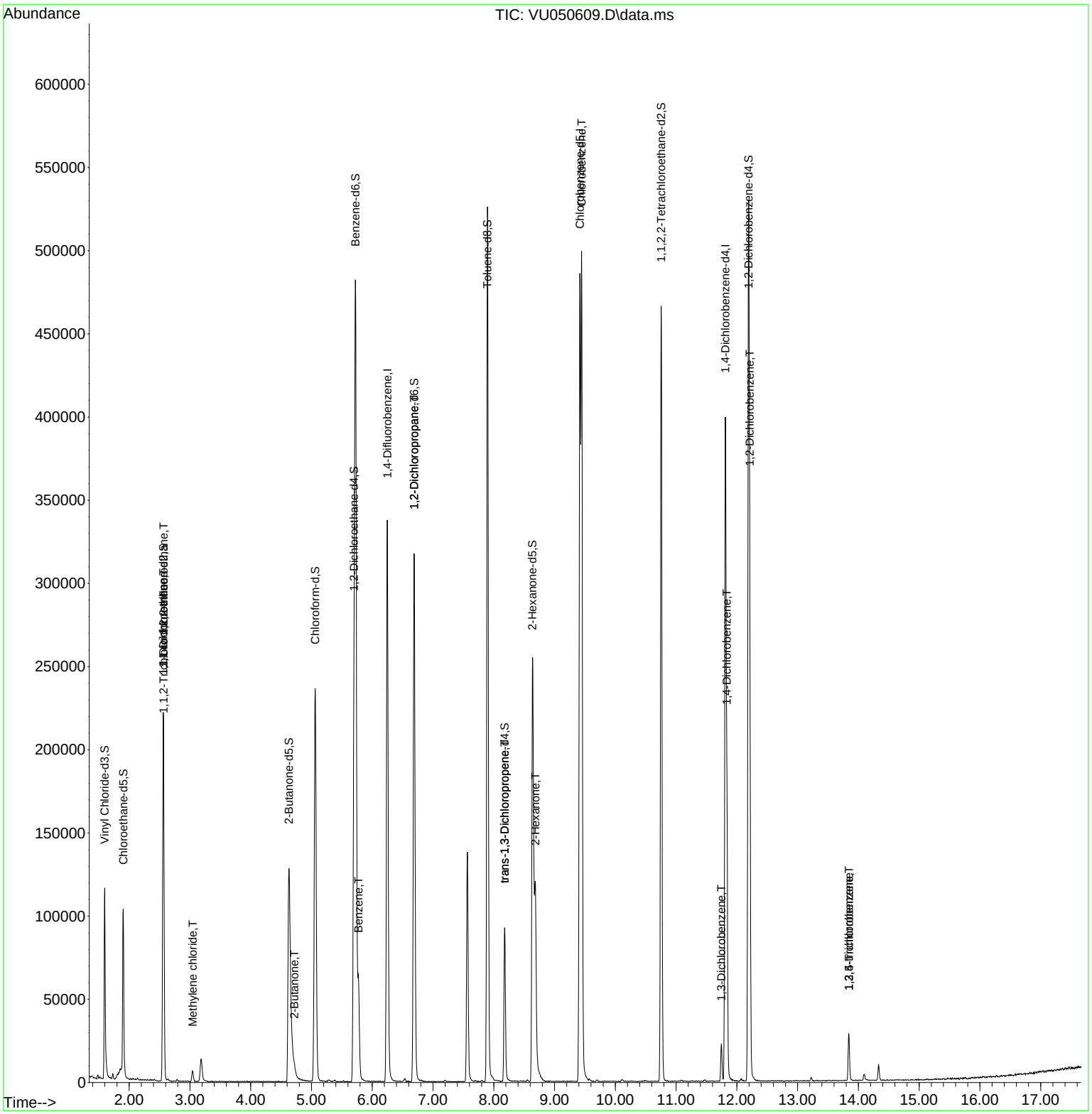
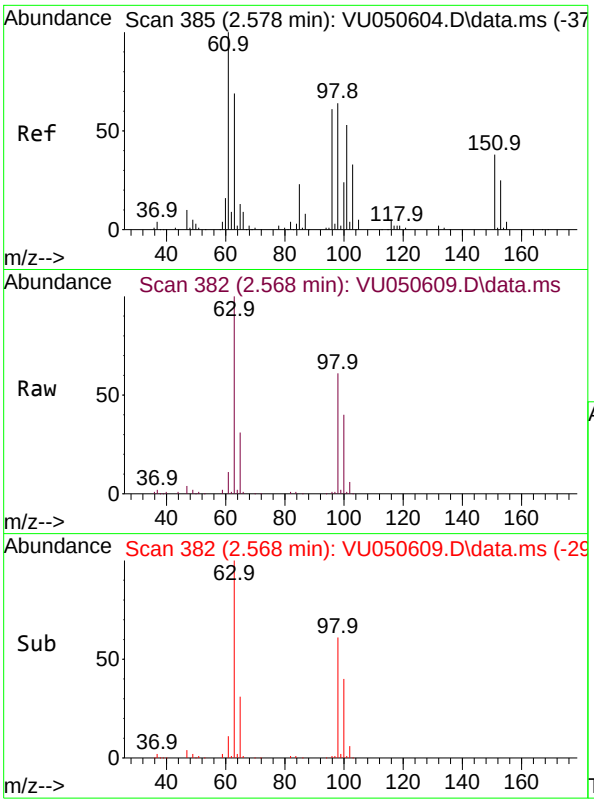


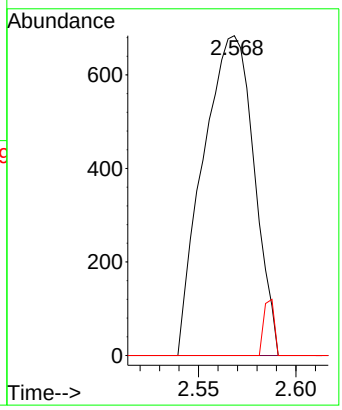


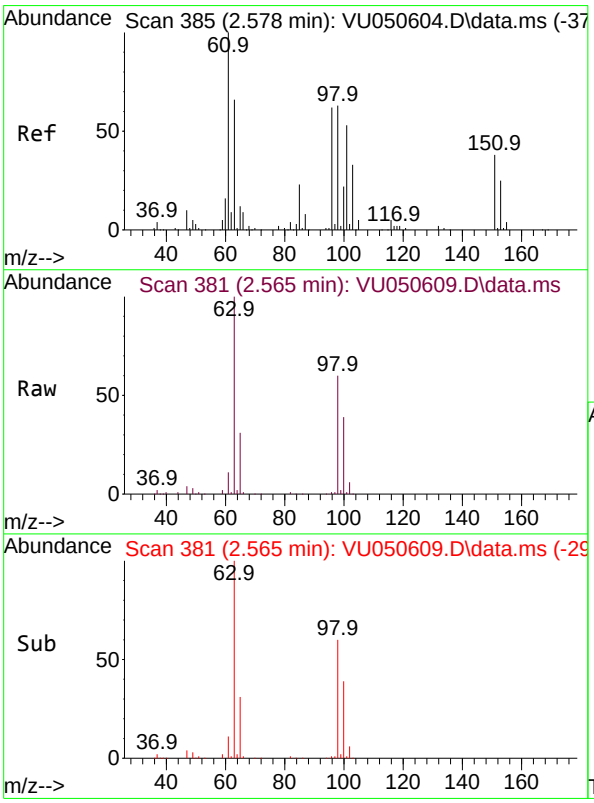
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.568 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Tgt Ion:101 Resp: 1241

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.4	51.6#
151	3.6	57.7	86.5#

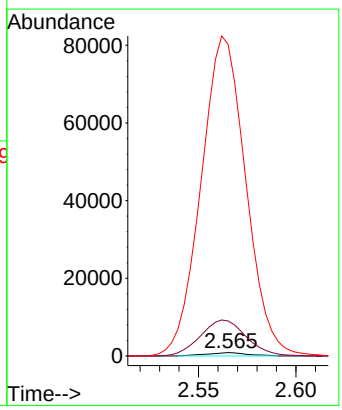


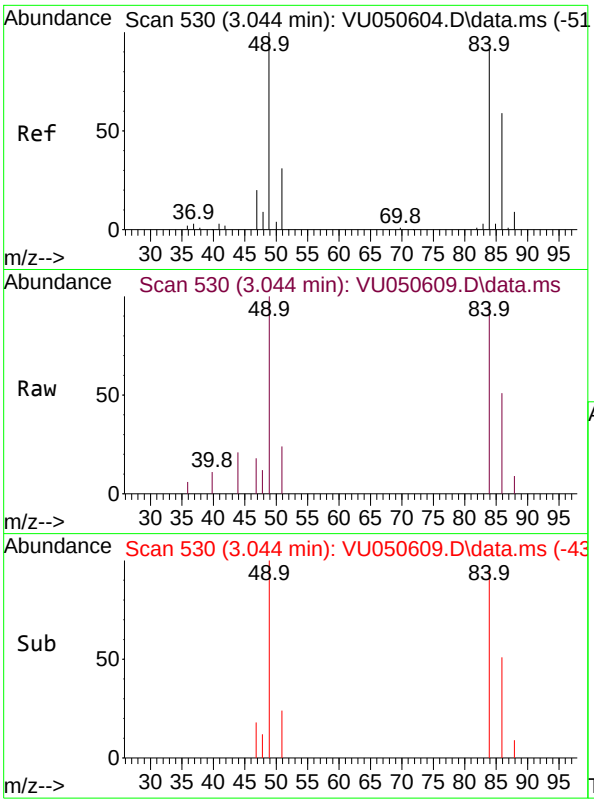


#12
1,1-Dichloroethene
Concen: 0.586 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion: 96 Resp: 1246

Ion	Ratio	Lower	Upper
96	100		
61	1063.9	118.0	219.1#
63	9459.4	79.5	147.7#



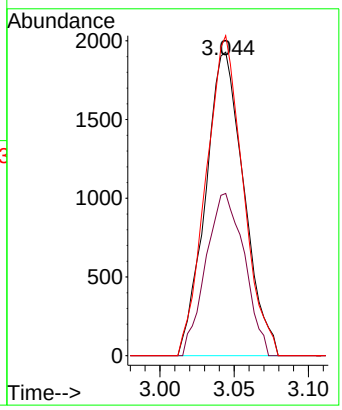


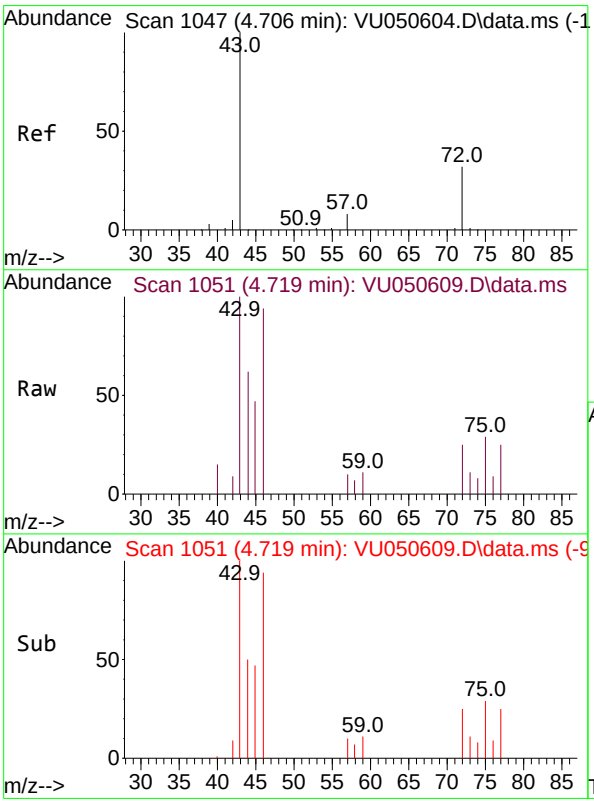
#16
Methylene chloride
Concen: 1.243 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Tgt Ion: 84 Resp: 3467

Ion	Ratio	Lower	Upper
84	100		
86	53.5	44.8	83.2
49	105.4	80.6	149.8

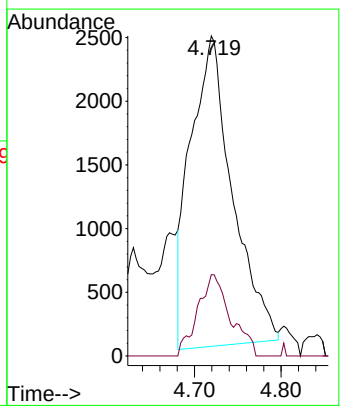


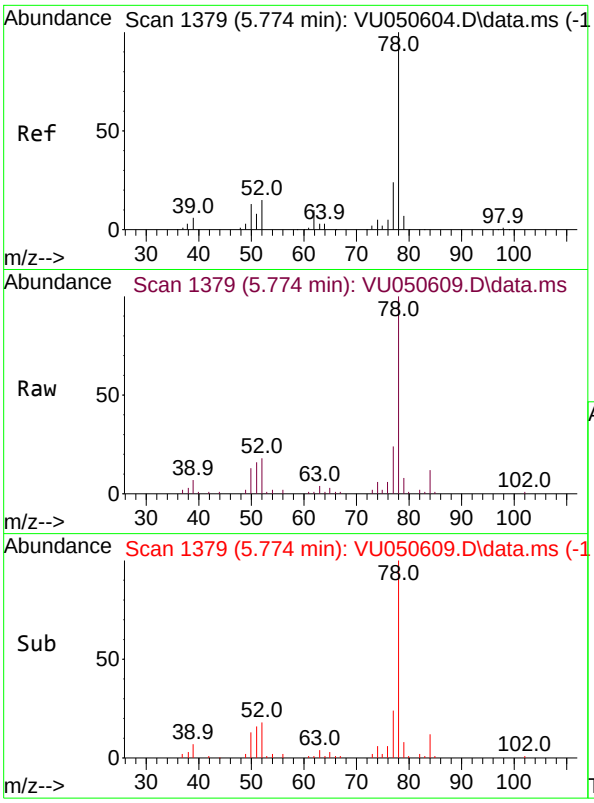


#22
2-Butanone
Concen: 3.963 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.013 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion: 43 Resp: 8188

Ion	Ratio	Lower	Upper
43	100		
72	7.9	14.6	44.0#

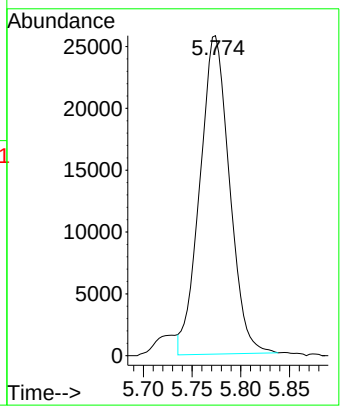


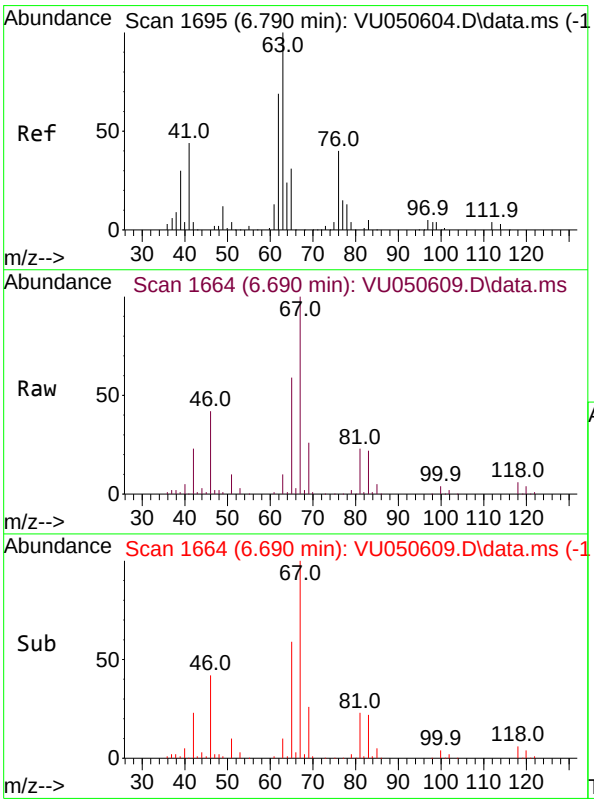


#33
Benzene
Concen: 5.586 ug/L
RT: 5.774 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Tgt Ion: 78 Resp: 54424

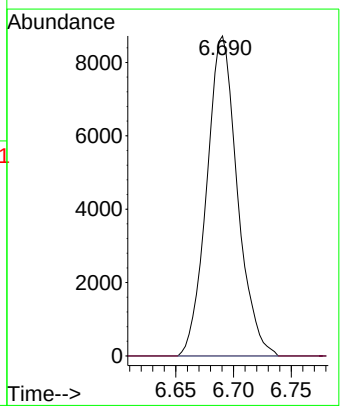


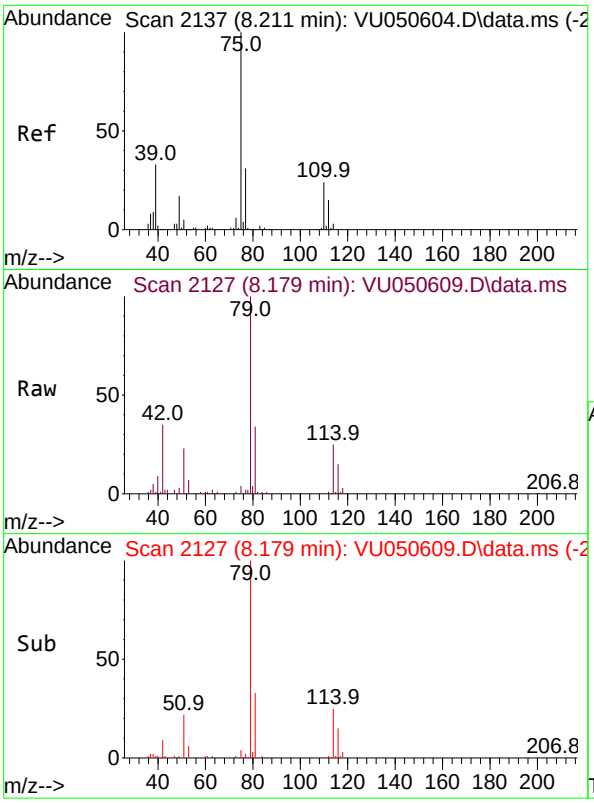


#37
1,2-Dichloropropane
Concen: 6.258 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion: 63 Resp: 16104

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



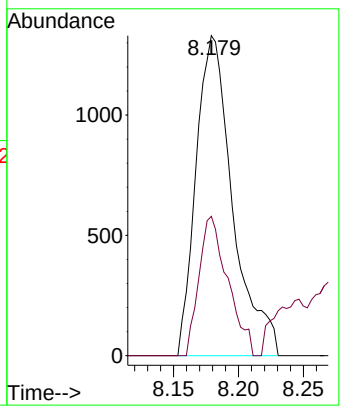


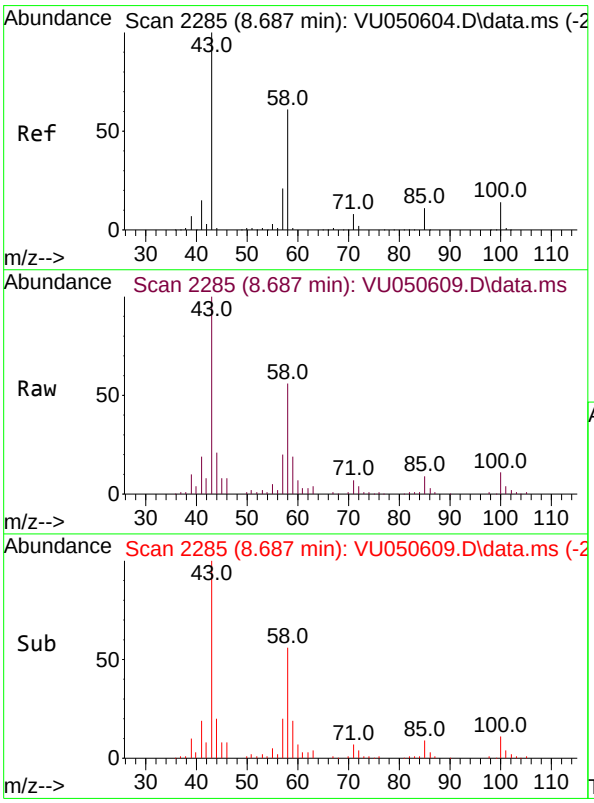
#44
trans-1,3-Dichloropropene
Concen: 0.800 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Tgt Ion: 75 Resp: 2613

Ion	Ratio	Lower	Upper
75	100		
77	43.5	22.1	41.1#

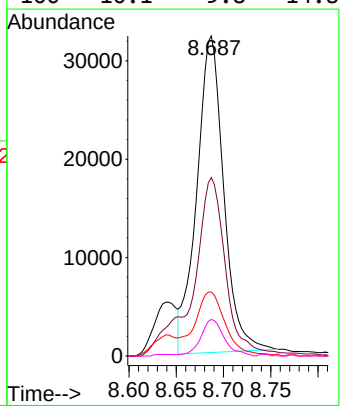


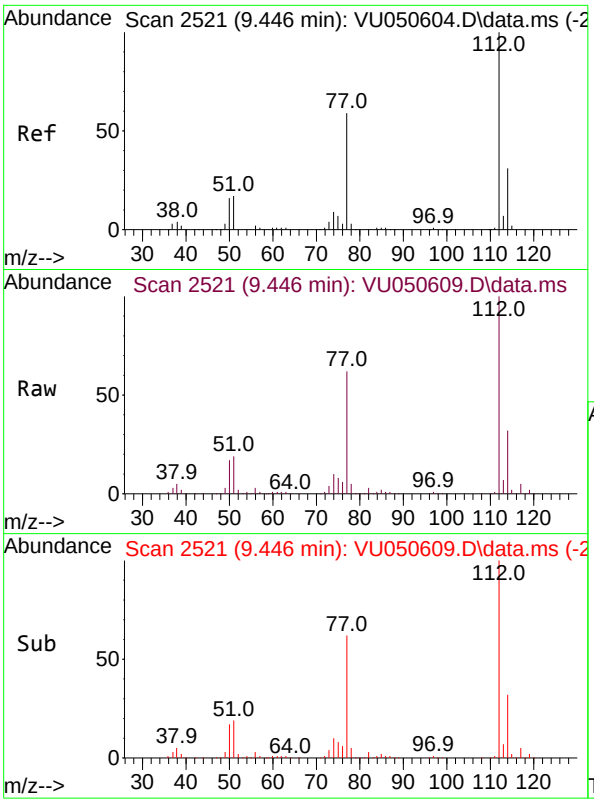


#48
2-Hexanone
Concen: 19.538 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion: 43 Resp: 63945

Ion	Ratio	Lower	Upper
43	100		
58	56.6	51.8	77.6
57	21.4	17.0	25.4
100	10.1	9.8	14.8



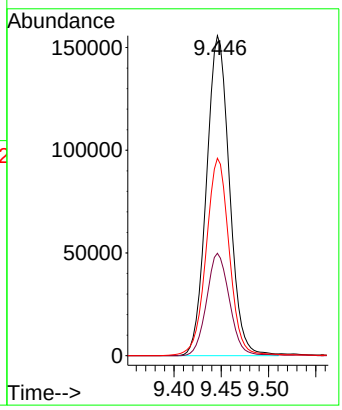


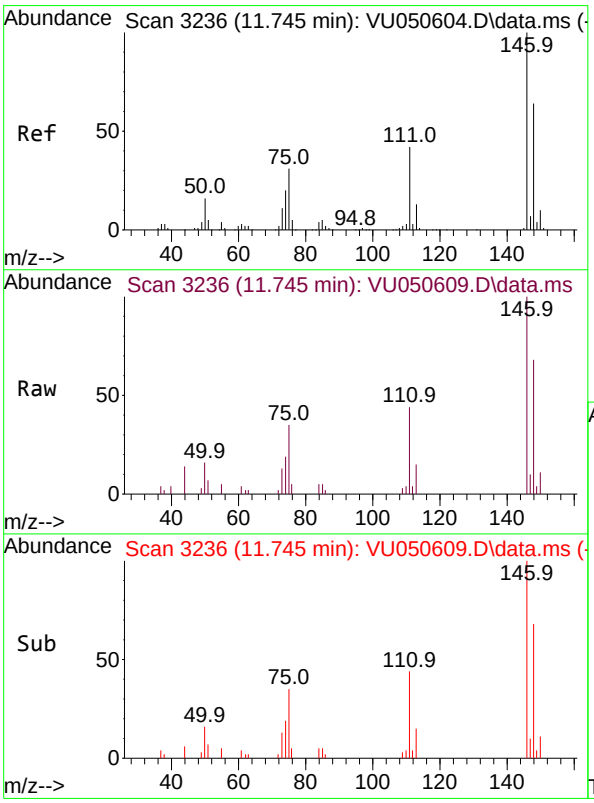
#51
Chlorobenzene
Concen: 42.837 ug/L
RT: 9.446 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Tgt Ion:112 Resp: 263106

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.1	41.1
77	61.7	49.2	73.8

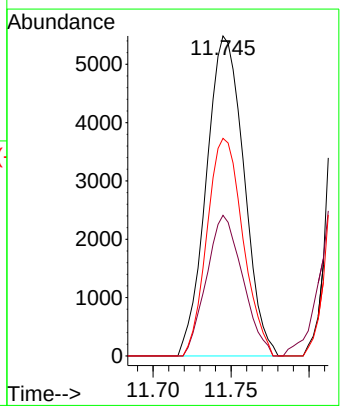


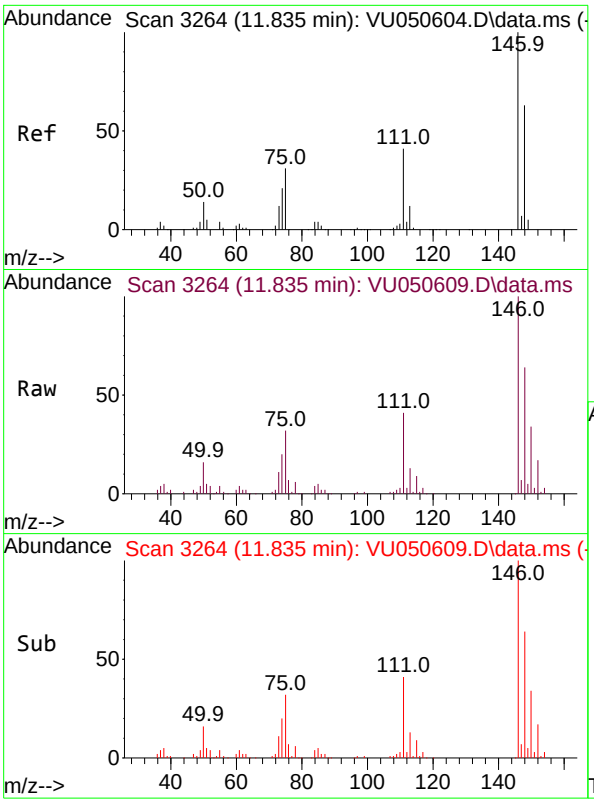


#64
1,3-Dichlorobenzene
Concen: 2.534 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion:146 Resp: 9192

Ion	Ratio	Lower	Upper
146	100		
111	48.3	29.9	55.5
148	72.4	45.5	84.5



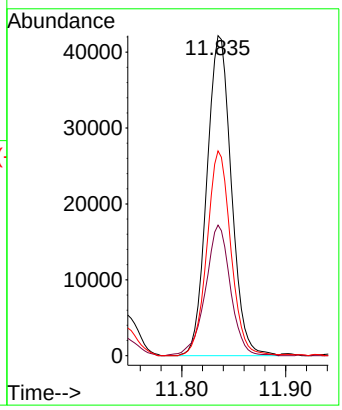


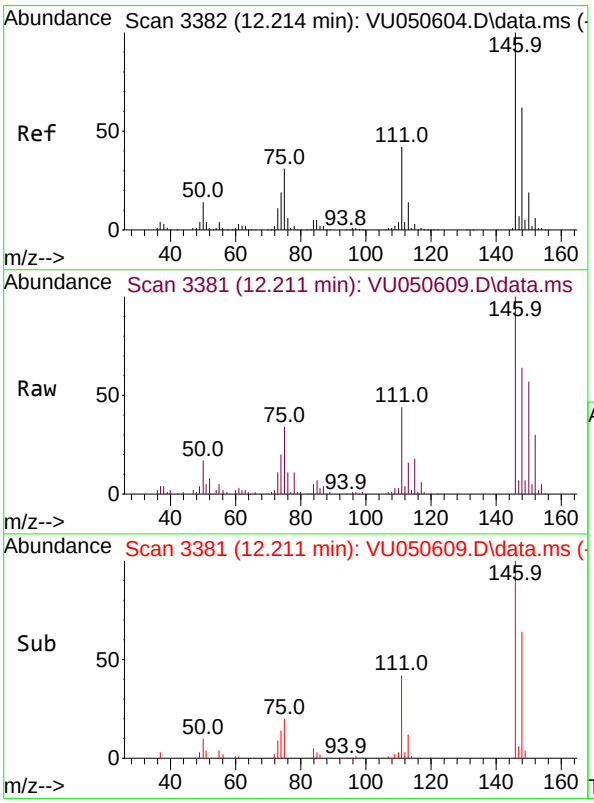
#65
1,4-Dichlorobenzene
Concen: 19.248 ug/L
RT: 11.835 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Tgt Ion:146 Resp: 69026

Ion	Ratio	Lower	Upper
146	100		
111	40.8	27.9	51.7
148	64.0	44.4	82.4

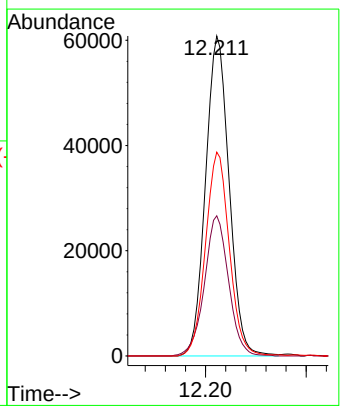


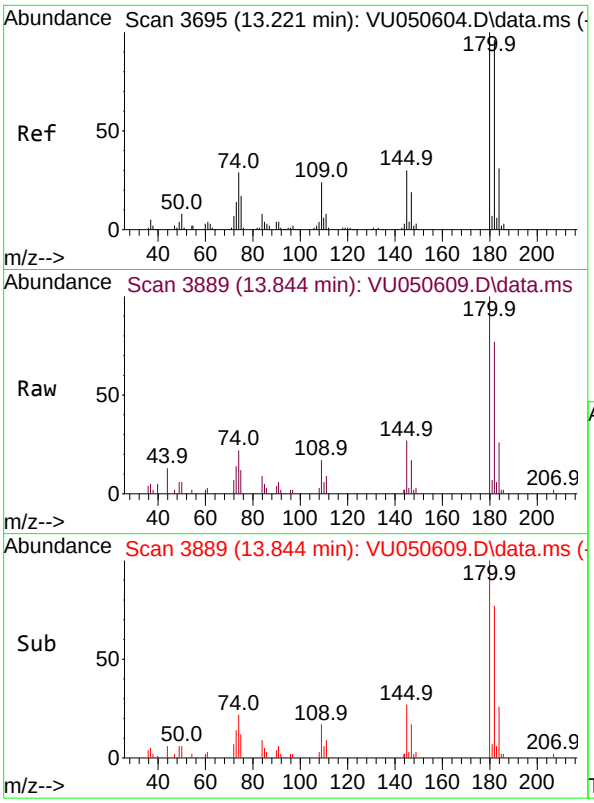


#67
1,2-Dichlorobenzene
Concen: 25.599 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion:146 Resp: 98912

Ion	Ratio	Lower	Upper
146	100		
111	43.8	35.1	52.7
148	63.7	51.8	77.6



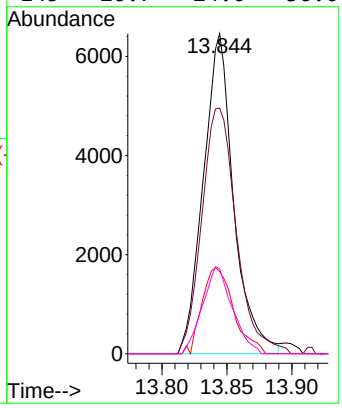


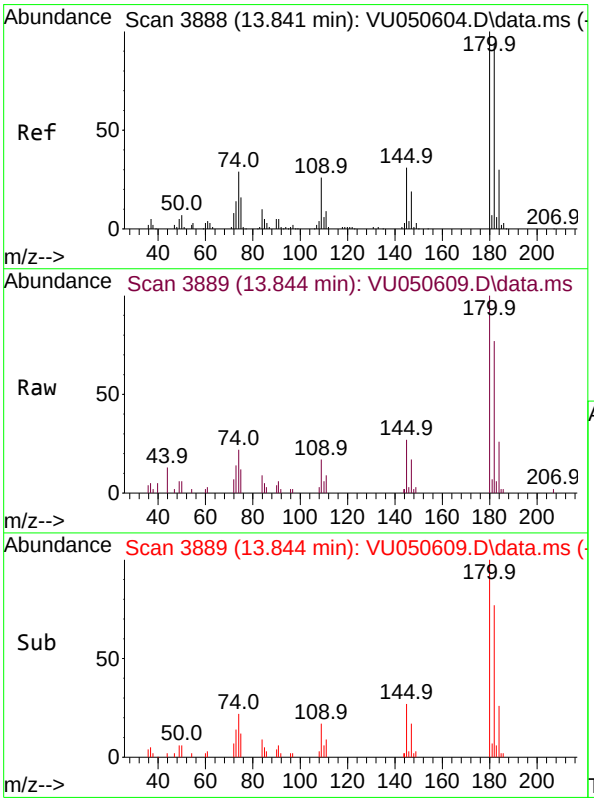
#69
1,3,5-Trichlorobenzene
Concen: 3.978 ug/L
RT: 13.844 min Scan# 3
Delta R.T. 0.624 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

Tgt Ion:180 Resp: 10473

Ion	Ratio	Lower	Upper
180	100		
182	87.1	75.3	112.9
184	27.7	23.8	35.8
145	26.7	24.0	36.0





#70
1,2,4-trichlorobenzene
Concen: 4.685 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion:180 Resp: 10473

Ion	Ratio	Lower	Upper
180	100		
182	87.1	76.2	114.2
145	26.7	24.7	37.1