Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
Data File : VU050610.D
Acq On : 03 Sep 2022 14:26
Operator : SY/MD
Sample : N4458-02 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Quant Time: Sep 05 01:07:15 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	320953	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	308381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	116837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	110472	40.243	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.480%			
7) Chloroethane-d5	1.903	69	77361	41.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.340%			
11) 1,1-Dichloroethene-d2	2.562	63	148465	30.605	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.200%			
21) 2-Butanone-d5	4.629	46	197607	98.389	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.390%			
24) Chloroform-d	5.060	84	254865	48.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.980%			
26) 1,2-Dichloroethane-d4	5.700	65	160981	50.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.260%			
32) Benzene-d6	5.726	84	515877	50.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.240%			
36) 1,2-Dichloropropane-d6	6.690	67	175944	52.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.160%			
41) Toluene-d8	7.896	98	422136	48.438	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.880%			
43) trans-1,3-Dichloroprop...	8.179	79	61506	44.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.860%			
47) 2-Hexanone-d5	8.636	63	81178	96.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.450%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	251947	49.759	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.520%			
66) 1,2-Dichlorobenzene-d4	12.192	152	146788	53.669	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.340%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1422	0.567	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1288	0.528	ug/L #	1
33) Benzene	5.771	78	316219	28.176	ug/L	100
35) Methylcyclohexane	6.690	83	38546	9.272	ug/L #	19
44) trans-1,3-Dichloropropene	8.182	75	2408	0.640	ug/L	90
48) 2-Hexanone	8.687	43	62362	16.541	ug/L	89
51) Chlorobenzene	9.446	112	1534808	216.928	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	50841	12.494	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	400369	99.538	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	575784	132.855	ug/L	99
69) 1,3,5-Trichlorobenzene	13.838	180	58790	19.908	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	58790	23.445	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	15426	5.681	ug/L	99

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

Quantitation Report (Not Reviewed)

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Acq On : 03 Sep 2022 14:26
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Misc : 5.0mL/MSVOA_U/WATER
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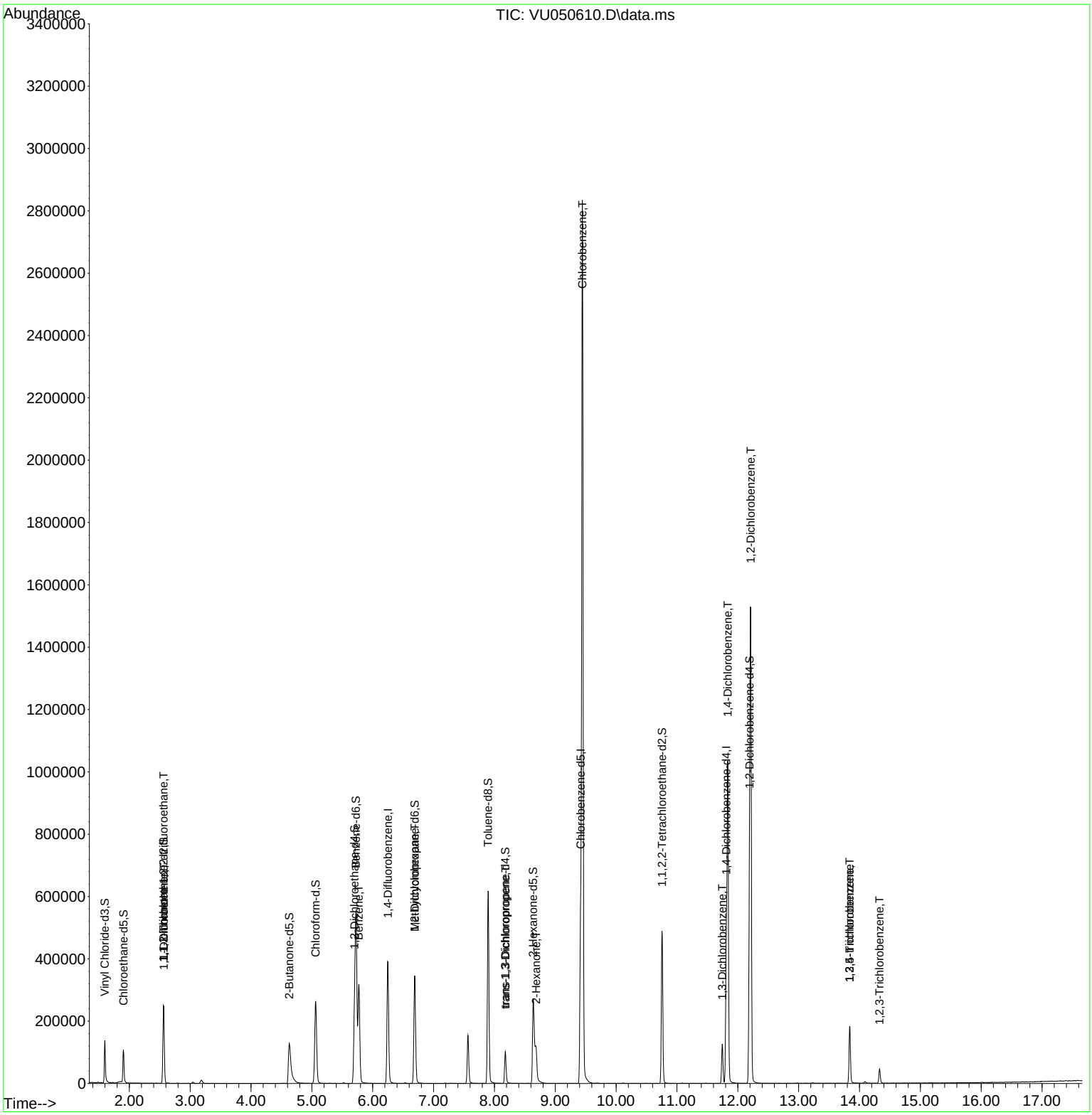
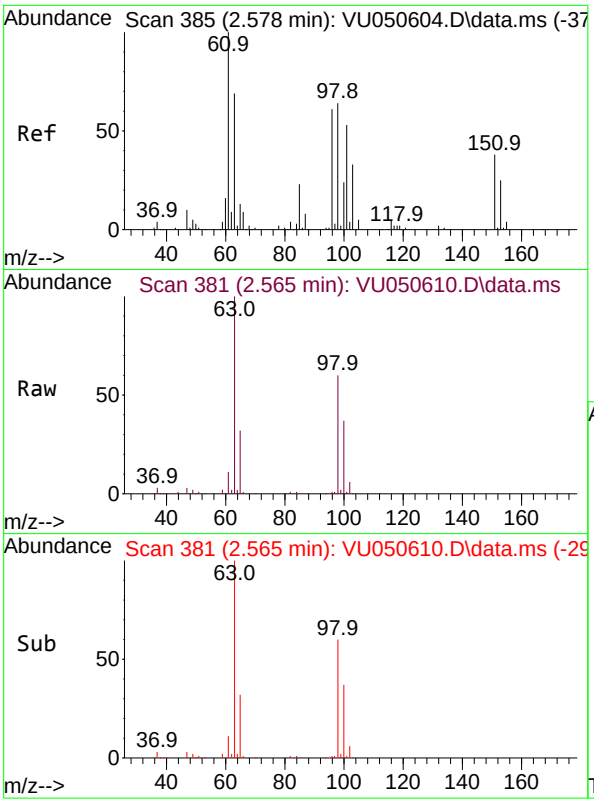
ClientSampleId :
C0KW5

Quant Time: Sep 05 01:07:15 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



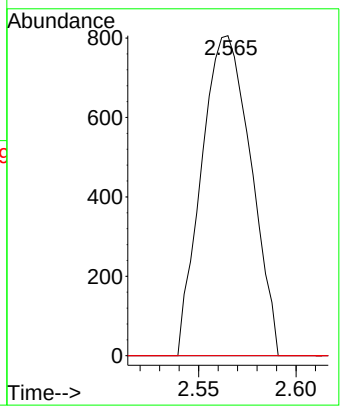


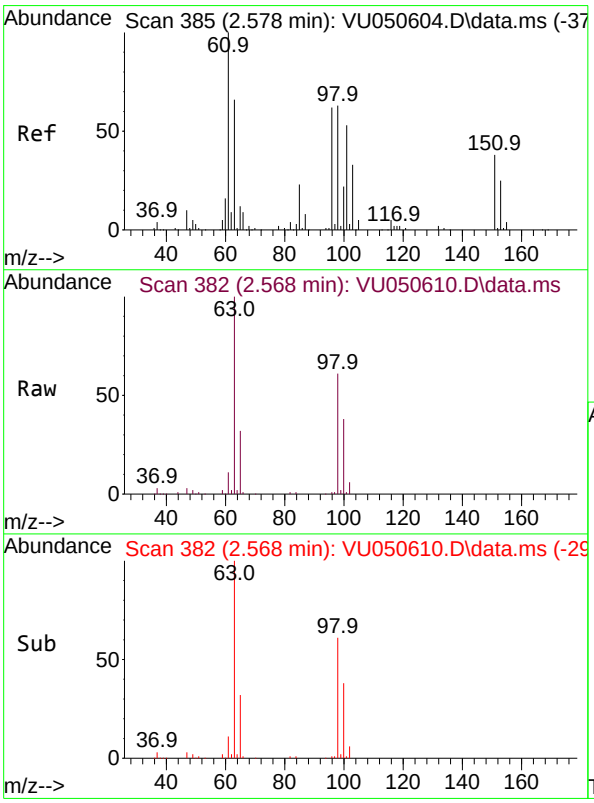
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.567 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Tgt Ion:101 Resp: 1422

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

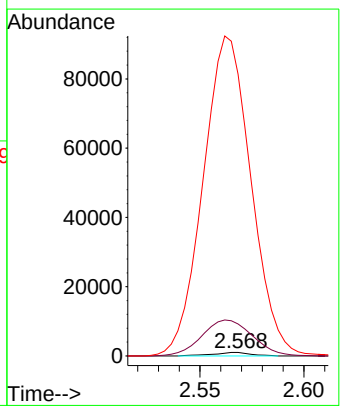


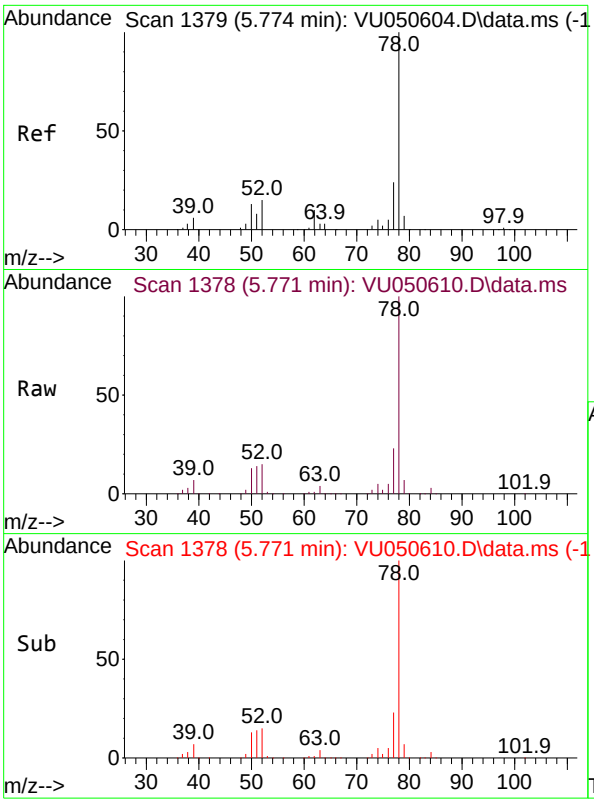


#12
1,1-Dichloroethene
Concen: 0.528 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Tgt Ion: 96 Resp: 1288

Ion	Ratio	Lower	Upper
96	100		
61	909.8	118.0	219.1#
63	7998.4	79.5	147.7#

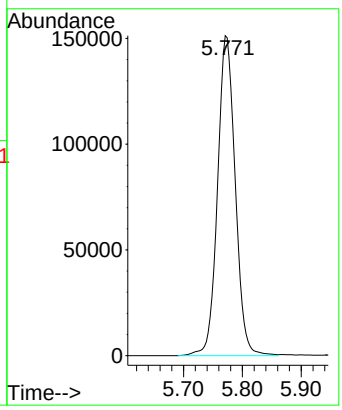


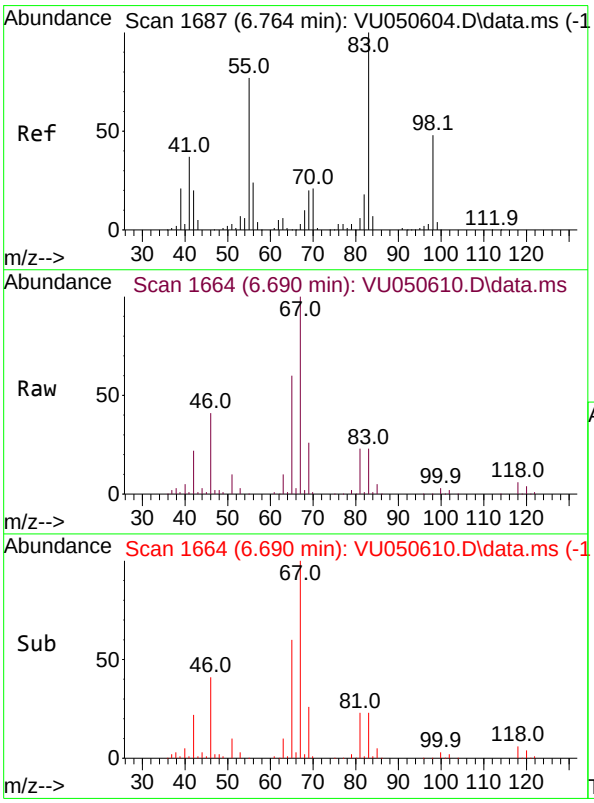


#33
Benzene
Concen: 28.176 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Tgt Ion: 78 Resp: 316219

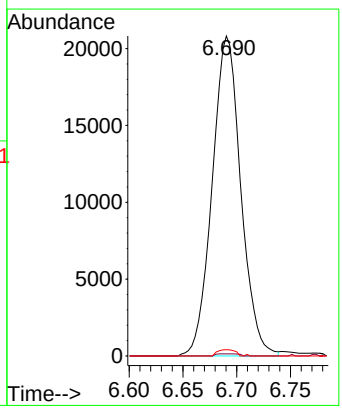


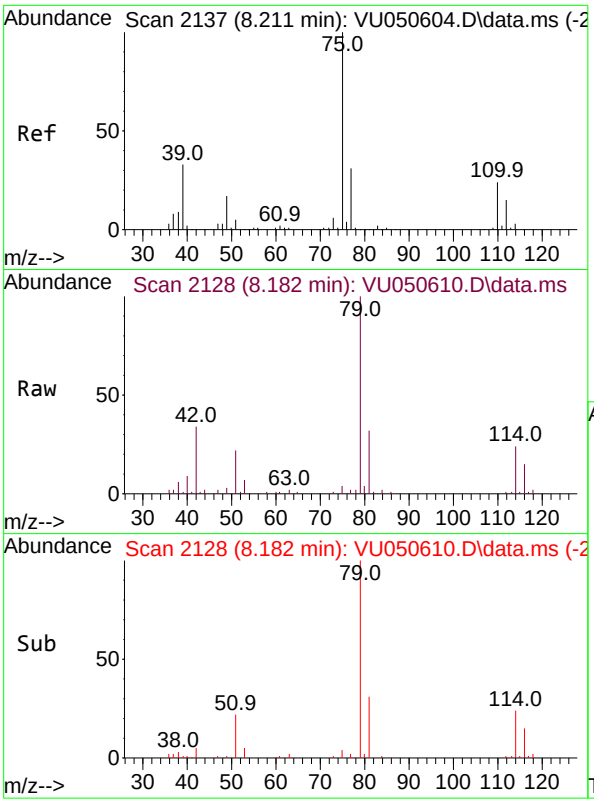


#35
Methylcyclohexane
Concen: 9.272 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Tgt Ion: 83 Resp: 38546

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	1.2	35.5	53.3#



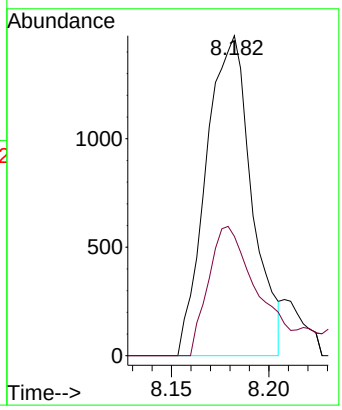


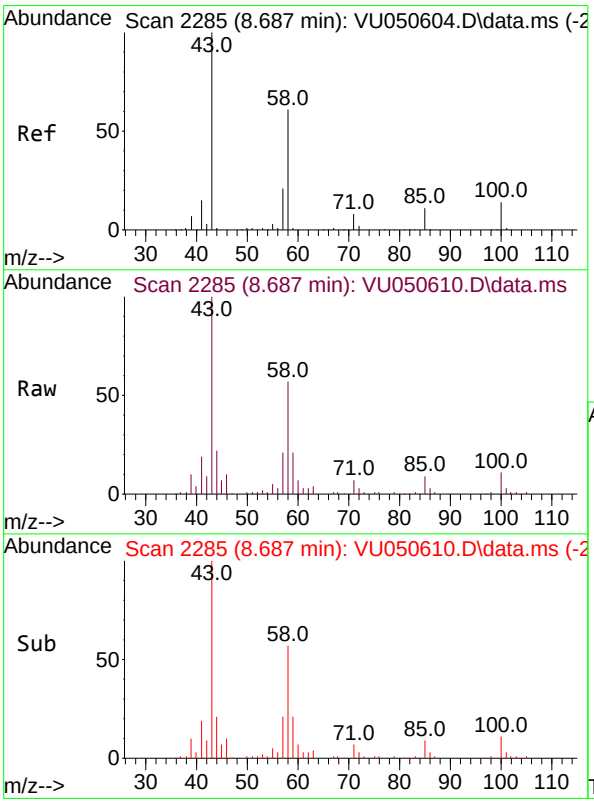
#44
trans-1,3-Dichloropropene
Concen: 0.640 ug/L
RT: 8.182 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Tgt Ion: 75 Resp: 2408

Ion	Ratio	Lower	Upper
75	100		
77	37.3	22.1	41.1

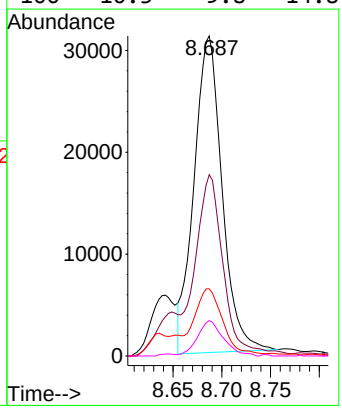


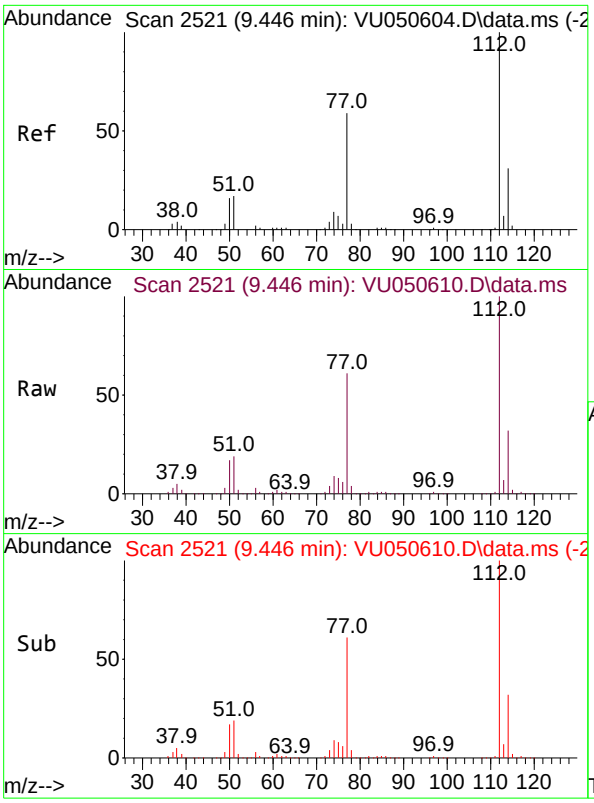


#48
2-Hexanone
Concen: 16.541 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Tgt Ion: 43 Resp: 62362

Ion	Ratio	Lower	Upper
43	100		
58	52.8	51.8	77.6
57	21.5	17.0	25.4
100	10.3	9.8	14.8



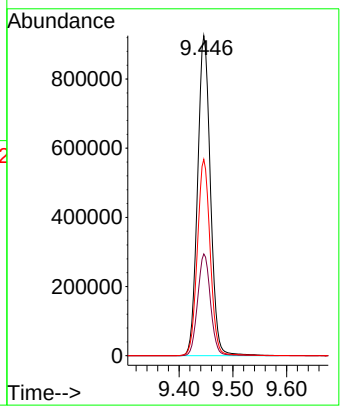


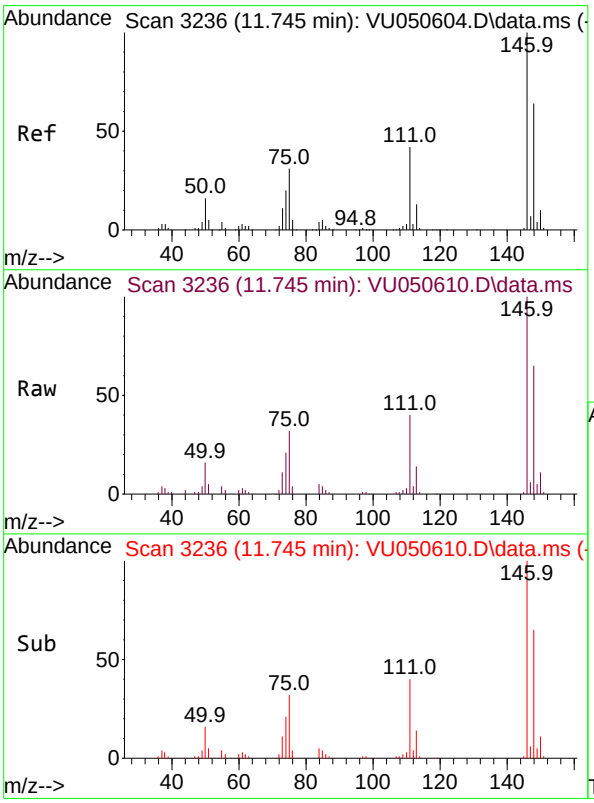
#51
Chlorobenzene
Concen: 216.928 ug/L
RT: 9.446 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Tgt Ion:112 Resp: 1534808

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	61.4	49.2	73.8

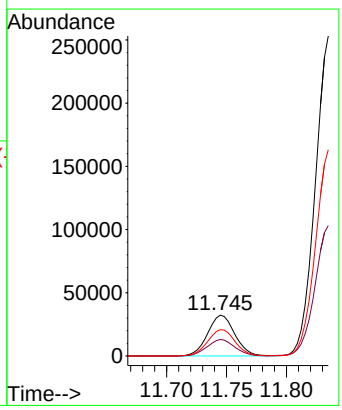


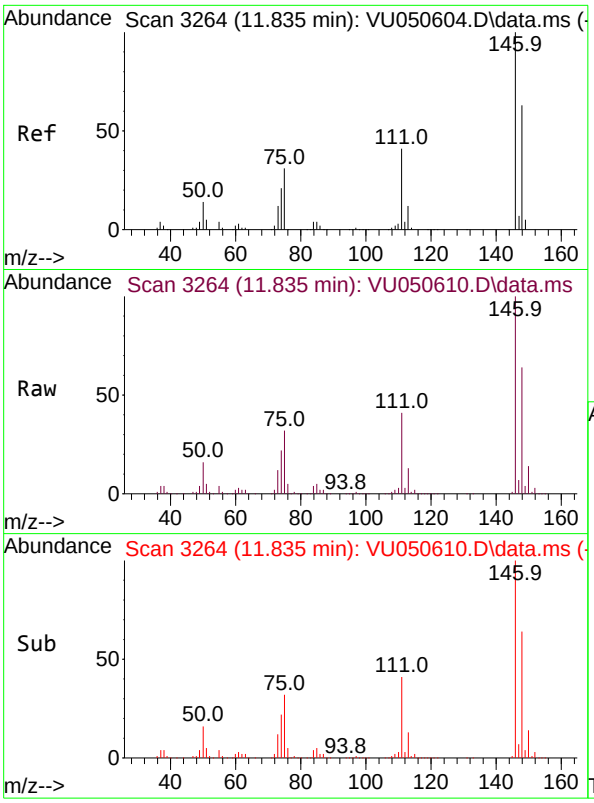


#64
1,3-Dichlorobenzene
Concen: 12.494 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Tgt Ion:146 Resp: 50841

Ion	Ratio	Lower	Upper
146	100		
111	40.5	29.9	55.5
148	64.5	45.5	84.5



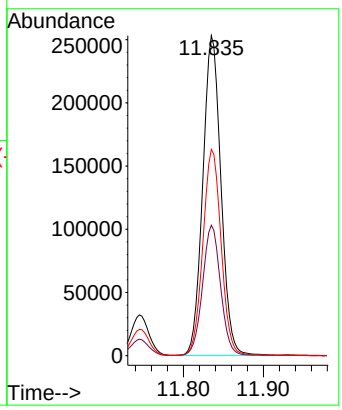


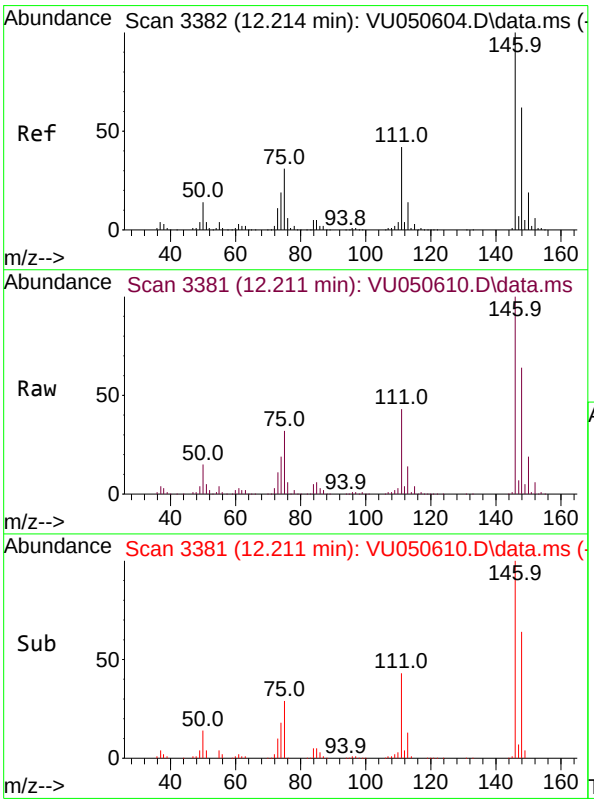
#65
1,4-Dichlorobenzene
Concen: 99.538 ug/L
RT: 11.835 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Tgt Ion:146 Resp: 400369

Ion	Ratio	Lower	Upper
146	100		
111	40.7	27.9	51.7
148	64.5	44.4	82.4

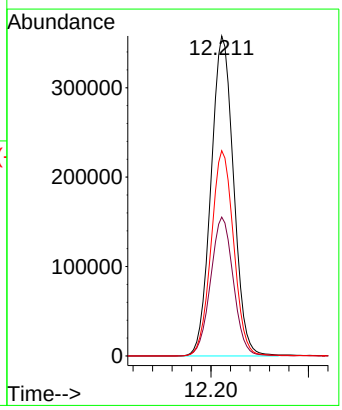


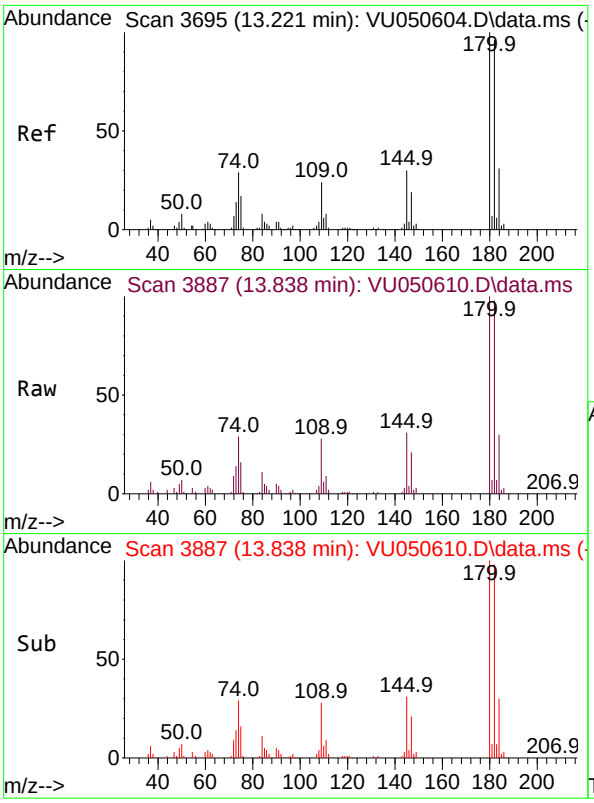


#67
1,2-Dichlorobenzene
Concen: 132.855 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Tgt Ion:146 Resp: 575784

Ion	Ratio	Lower	Upper
146	100		
111	43.4	35.1	52.7
148	64.1	51.8	77.6



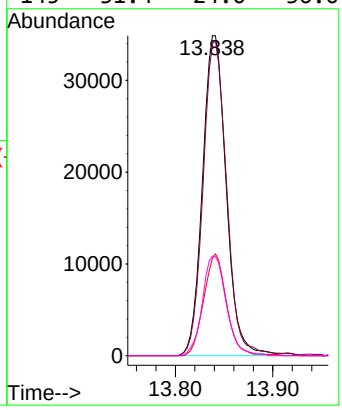


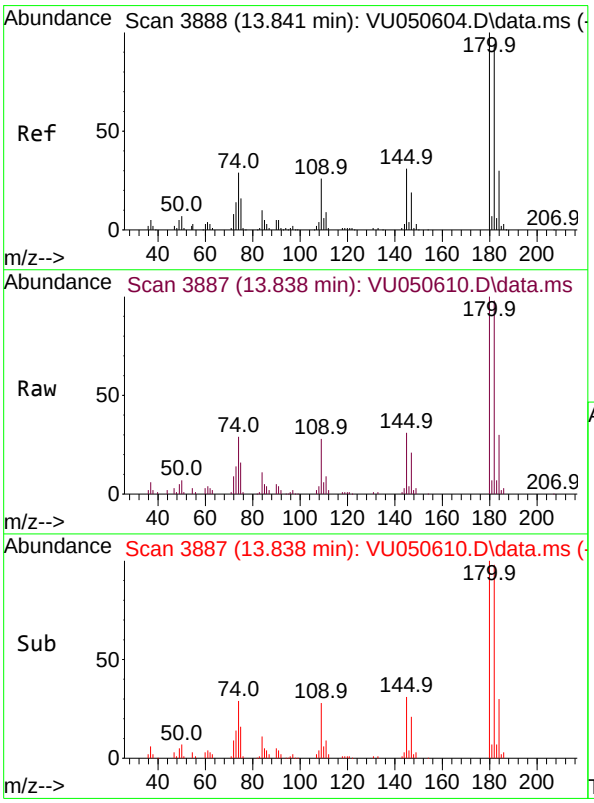
#69
1,3,5-Trichlorobenzene
Concen: 19.908 ug/L
RT: 13.838 min Scan# 3
Delta R.T. 0.617 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Tgt Ion:180 Resp: 58790

Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.3	112.9
184	30.4	23.8	35.8
145	31.4	24.0	36.0

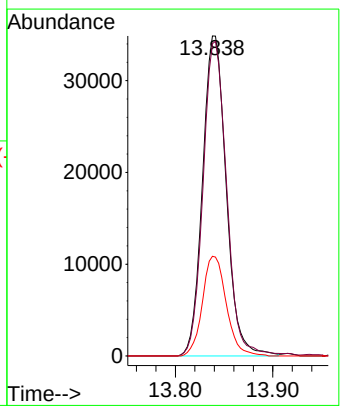


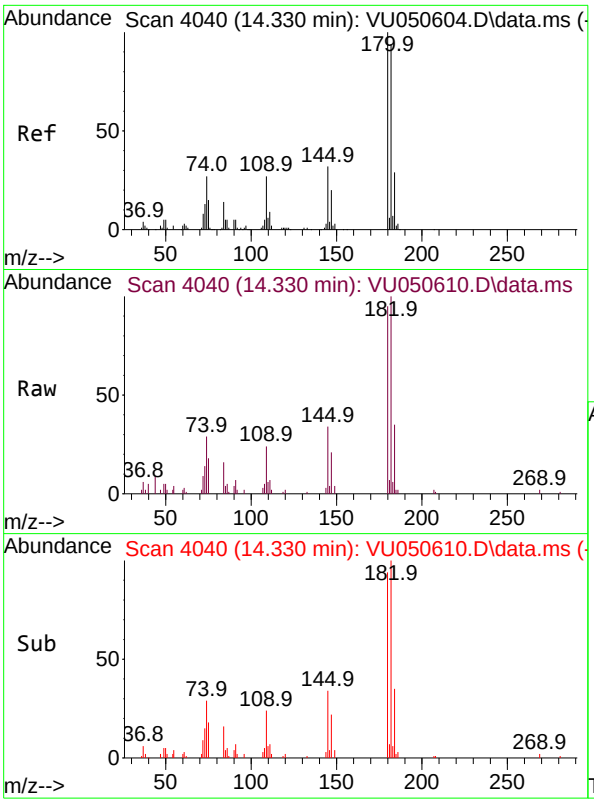


#70
1,2,4-trichlorobenzene
Concen: 23.445 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Tgt Ion:180 Resp: 58790

Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.2	114.2
145	31.4	24.7	37.1





#72
1,2,3-Trichlorobenzene
Concen: 5.681 ug/L
RT: 14.330 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU050610.D
Acq: 03 Sep 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
C0KW5

Tgt Ion:180 Resp: 15426

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
145	33.0	26.4	39.6