Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
Data File : VU050580.D
Acq On   : 01 Sep 2022 14:59
Operator : SY/MD
Sample   : N4458-03
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 8   Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Quant Time: Sep 02 02:09:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 02 02:07:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.247	114	242432	50.000 ug/L	0.00
28) Chlorobenzene-d5	9.417	117	243735	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95761	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.597	65	87837	47.240 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.480%		
7) Chloroethane-d5	1.906	69	66900	46.149 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.300%		
11) 1,1-Dichloroethene-d2	2.565	63	125719	40.046 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.100%		
21) 2-Butanone-d5	4.626	46	151088	92.912 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.910%		
24) Chloroform-d	5.063	84	205633	56.837 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.680%		
26) 1,2-Dichloroethane-d4	5.700	65	139602	59.403 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.800%		
32) Benzene-d6	5.726	84	405377	53.661 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.320%		
36) 1,2-Dichloropropane-d6	6.690	67	138427	55.033 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.060%		
41) Toluene-d8	7.899	98	338774	51.548 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.100%		
43) trans-1,3-Dichloroprop...	8.179	79	55376	54.741 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.480%		
47) 2-Hexanone-d5	8.636	63	63820	70.075 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 70.080%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	200431	51.086 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.180%		
66) 1,2-Dichlorobenzene-d4	12.192	152	121332	58.521 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.040%		
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1106	0.692 ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1140	0.682 ug/L #	1
13) Acetone	2.636	43	10973	8.686 ug/L	99
33) Benzene	5.774	78	8890	1.004 ug/L	100
35) Methylcyclohexane	6.690	83	32575	11.924 ug/L #	19
37) 1,2-Dichloropropane	6.687	63	14669	6.051 ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3689	1.155 ug/L #	53
44) trans-1,3-Dichloropropene	8.179	75	2405	0.827 ug/L #	72
48) 2-Hexanone	8.684	43	44939	14.981 ug/L	96
51) Chlorobenzene	9.446	112	127630	23.346 ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	4443	1.546 ug/L #	50
64) 1,3-Dichlorobenzene	11.745	146	14142	4.341 ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	74465	22.539 ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	390923	110.678 ug/L	97
69) 1,3,5-Trichlorobenzene	13.841	180	60811	27.275 ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	60811	30.665 ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	35910	15.669 ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
Data File : VU050580.D
Acq On : 01 Sep 2022 14:59
Operator : SY/MD
Sample : N4458-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Quant Time: Sep 02 02:09:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 02 02:07:32 2022
Response via : Initial Calibration

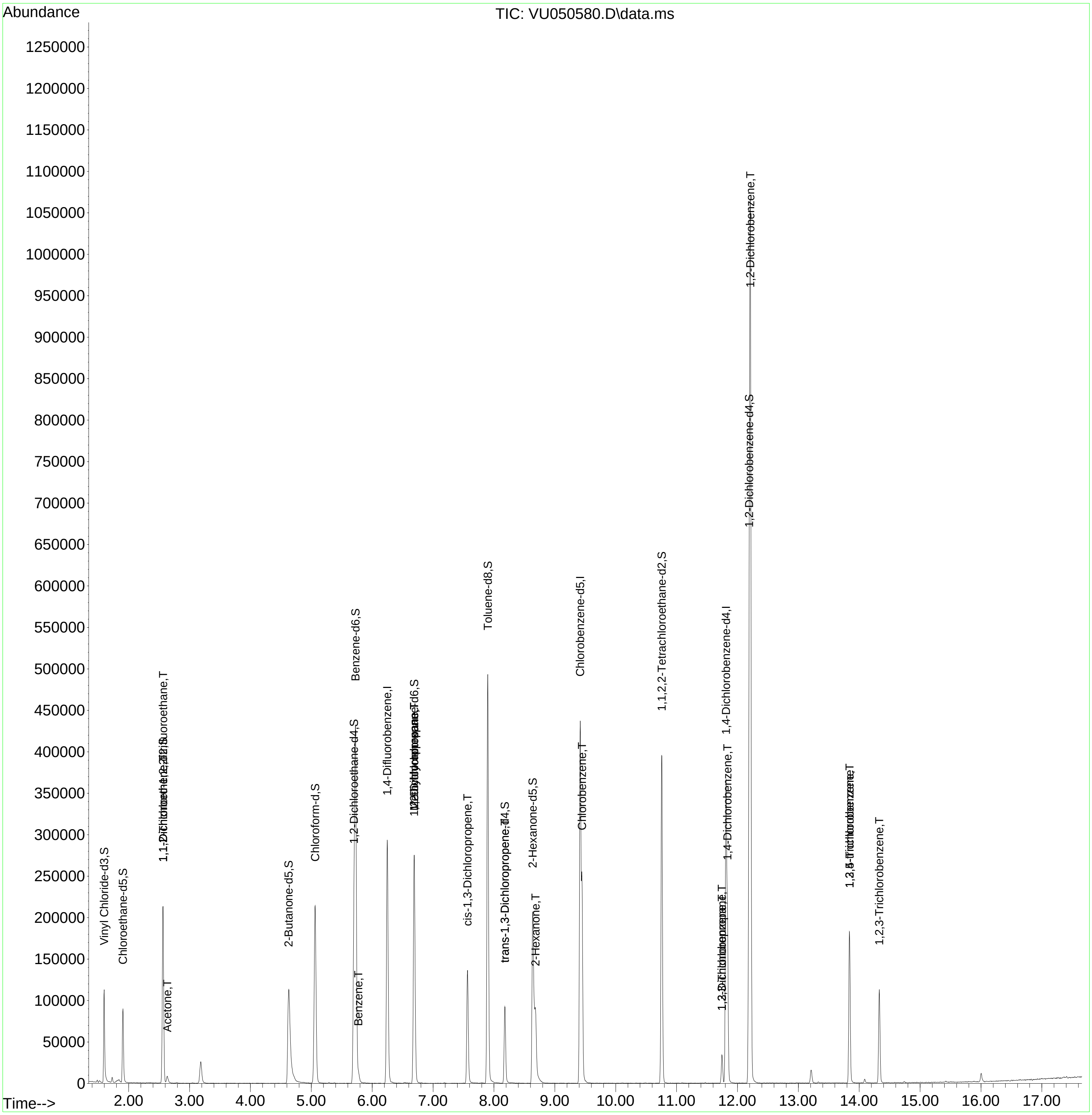
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

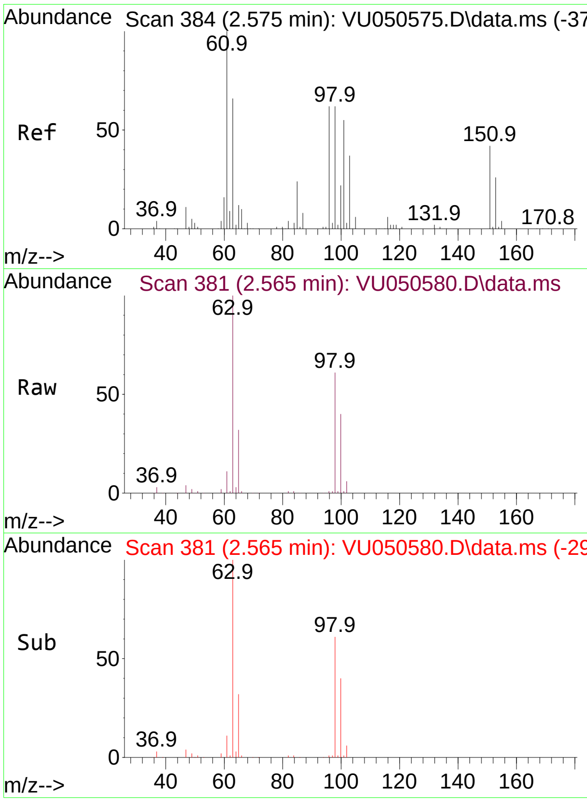
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
Data File : VU050580.D
Acq On   : 01 Sep 2022 14:59
Operator : SY/MD
Sample   : N4458-03
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 8   Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Quant Time: Sep 02 02:09:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 02 02:07:32 2022
Response via : Initial Calibration



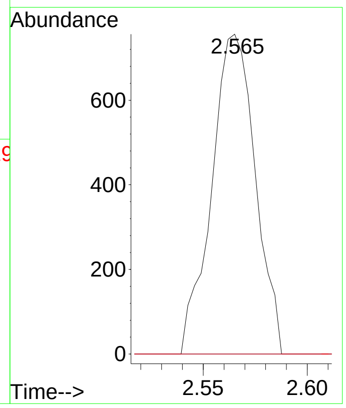


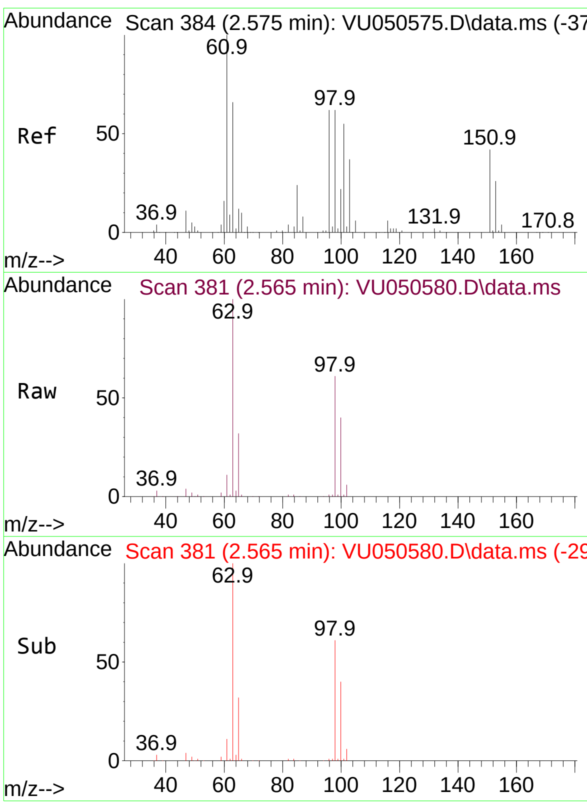
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.692 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion:101 Resp: 1106

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	58.2	87.2#

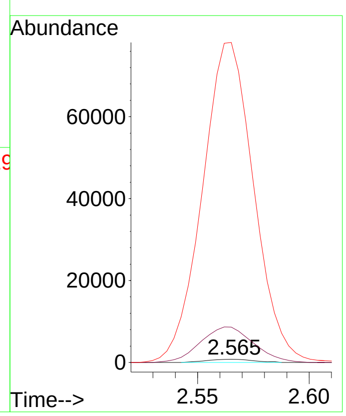


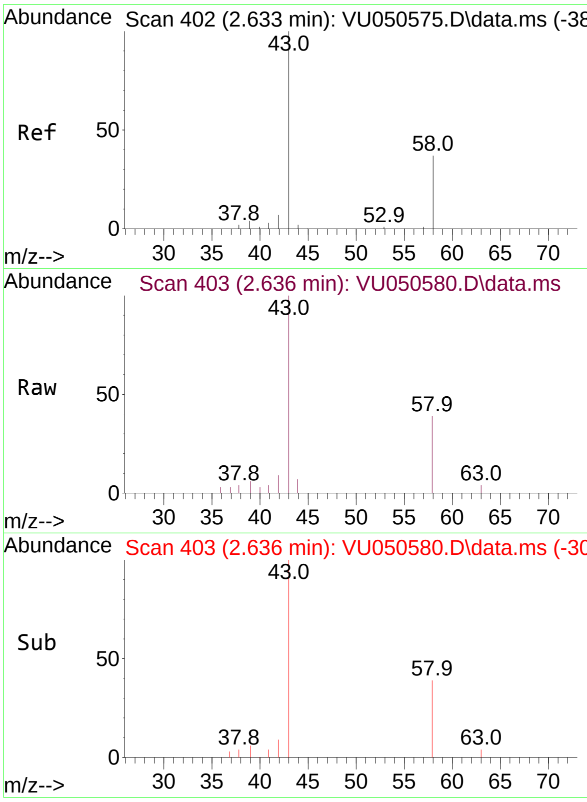


#12
1,1-Dichloroethene
Concen: 0.682 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion: 96 Resp: 1140

Ion	Ratio	Lower	Upper
96	100		
61	1113.6	113.5	210.9#
63	10095.1	78.0	144.9#



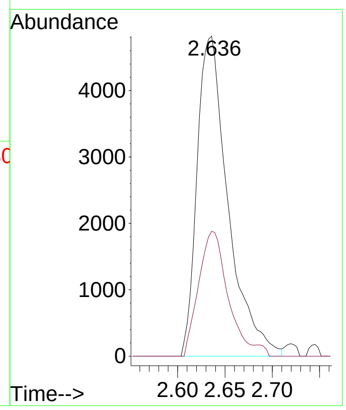


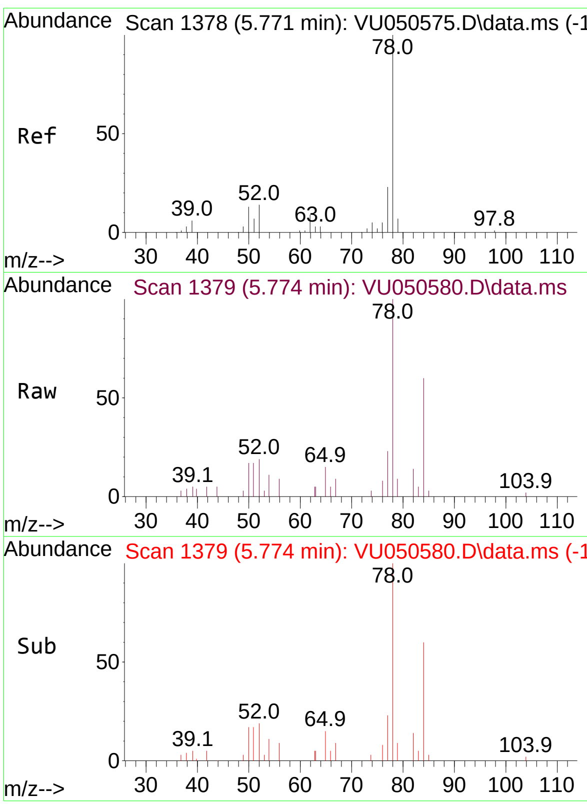
#13
Acetone
Concen: 8.686 ug/L
RT: 2.636 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion: 43 Resp: 10973

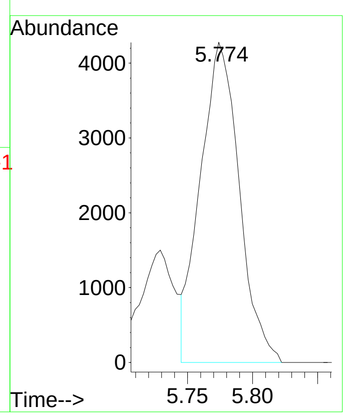
Ion	Ratio	Lower	Upper
43	100		
58	36.5	0.0	71.6

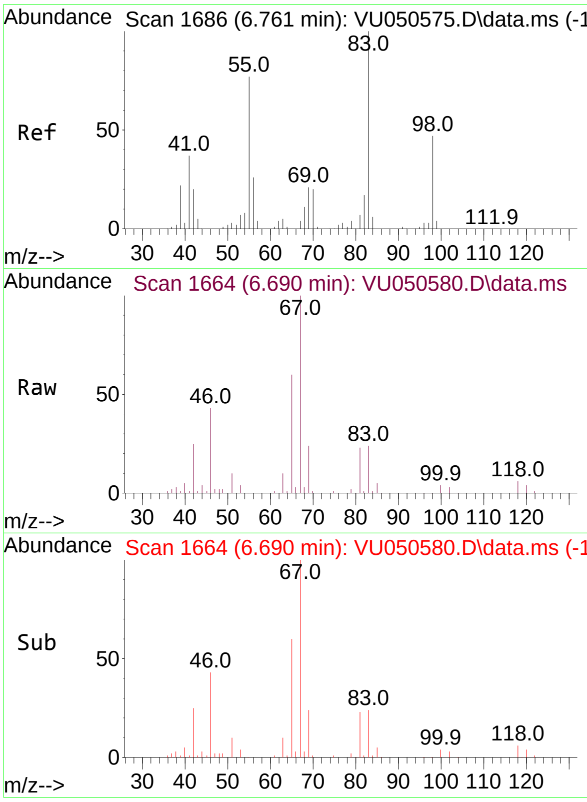




#33
Benzene
Concen: 1.004 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion: 78 Resp: 8890



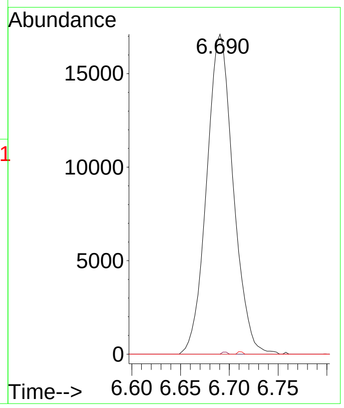


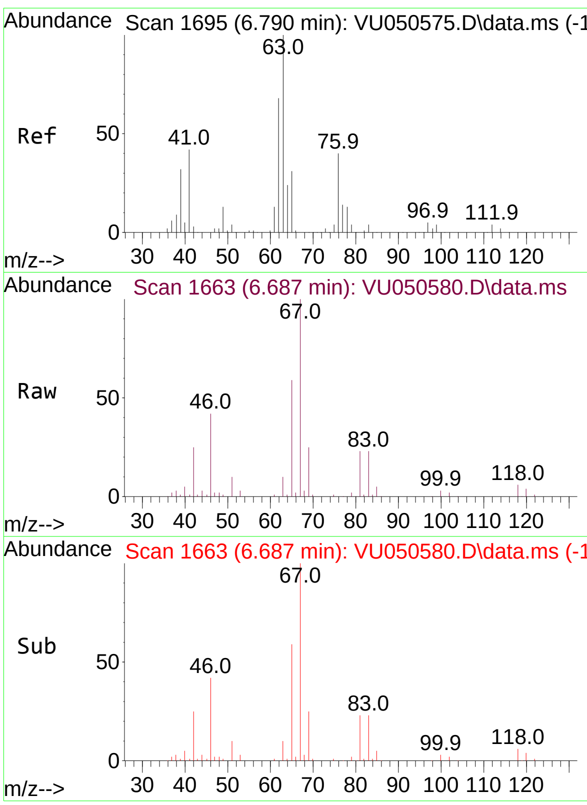
#35
Methylcyclohexane
Concen: 11.924 ug/L
RT: 6.690 min Scan# 1(
Delta R.T. -0.071 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion: 83 Resp: 32575

Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.0	91.4#
98	0.2	35.7	53.5#

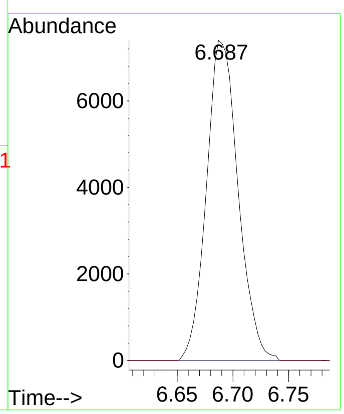


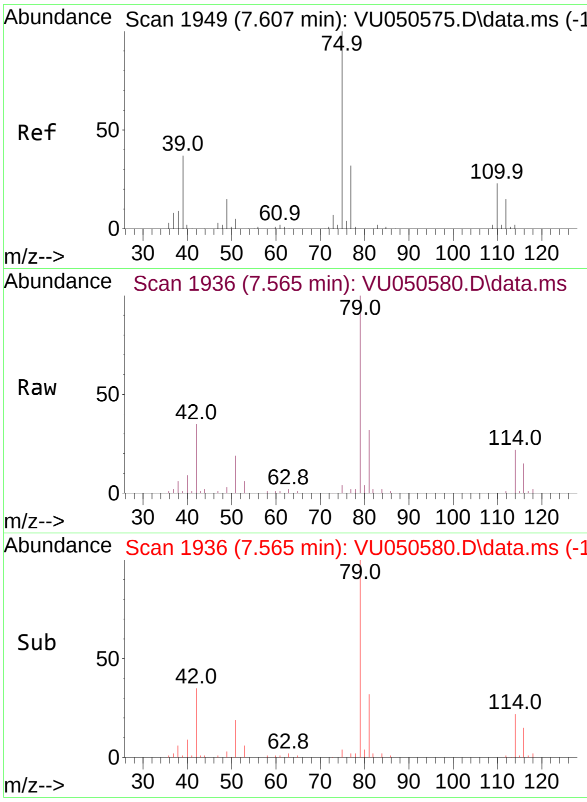


#37
1,2-Dichloropropane
Concen: 6.051 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion: 63 Resp: 14669

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



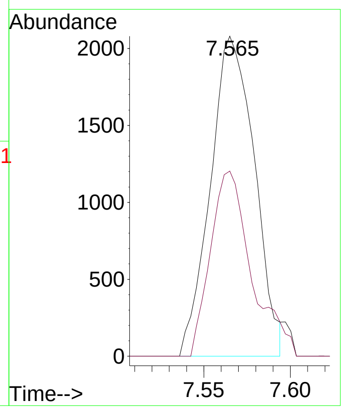


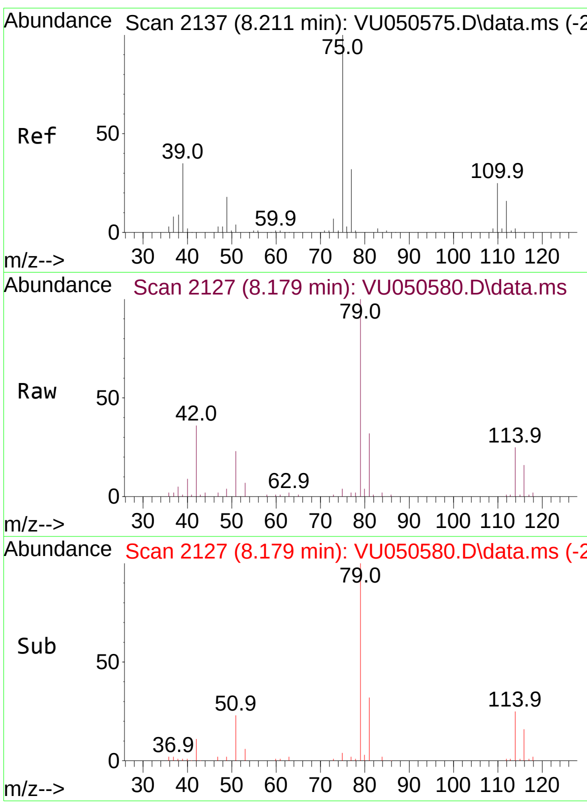
#39
cis-1,3-Dichloropropene
Concen: 1.155 ug/L
RT: 7.565 min Scan# 19
Delta R.T. -0.042 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion: 75 Resp: 3689

Ion	Ratio	Lower	Upper
75	100		
77	57.8	22.1	41.1#

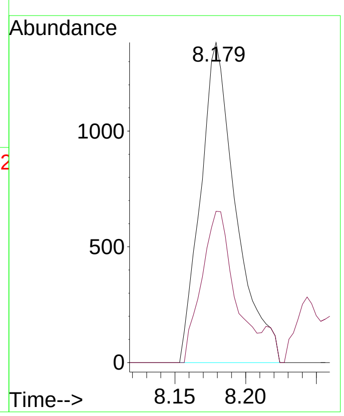


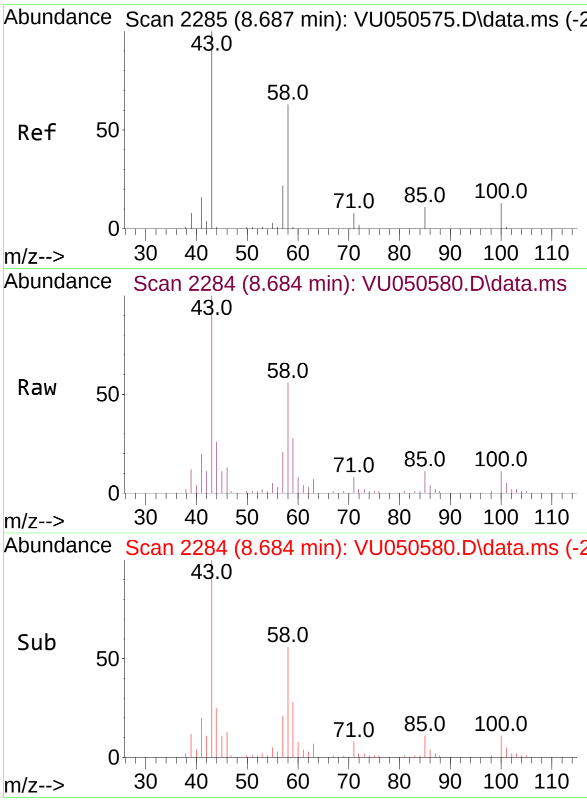


#44
trans-1,3-Dichloropropene
Concen: 0.827 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion: 75 Resp: 2405

Ion	Ratio	Lower	Upper
75	100		
77	47.3	22.2	41.2#



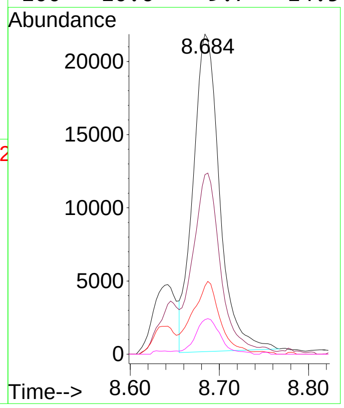


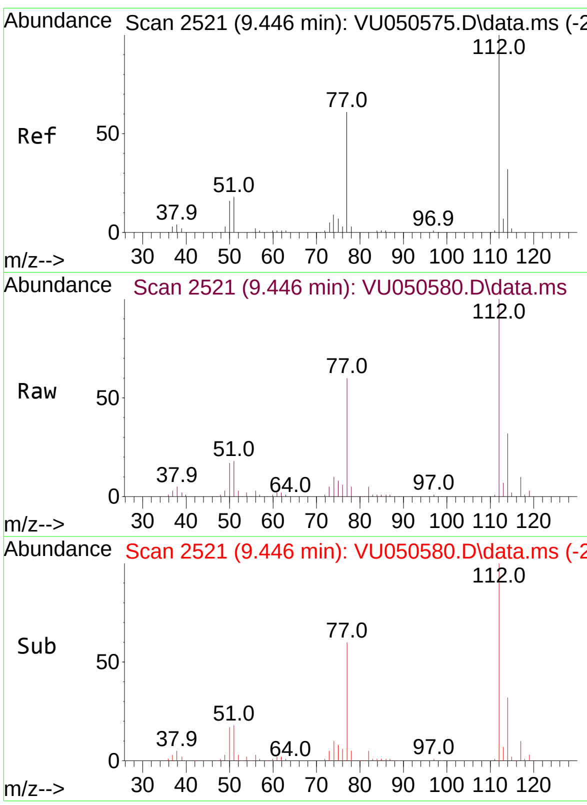
#48
2-Hexanone
Concen: 14.981 ug/L
RT: 8.684 min   Scan# 2
Delta R.T.   -0.003 min
Lab File: VU050580.D
Acq: 01 Sep 2022   14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion: 43 Resp: 44939

Ion	Ratio	Lower	Upper
43	100		
58	55.9	46.6	69.8
57	23.0	15.8	23.6
100	10.6	9.7	14.5

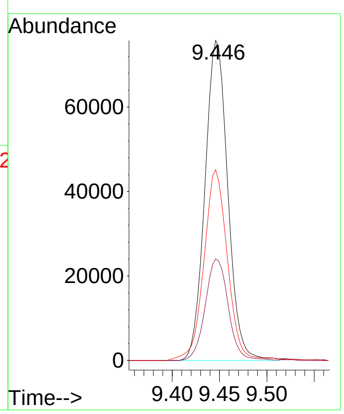


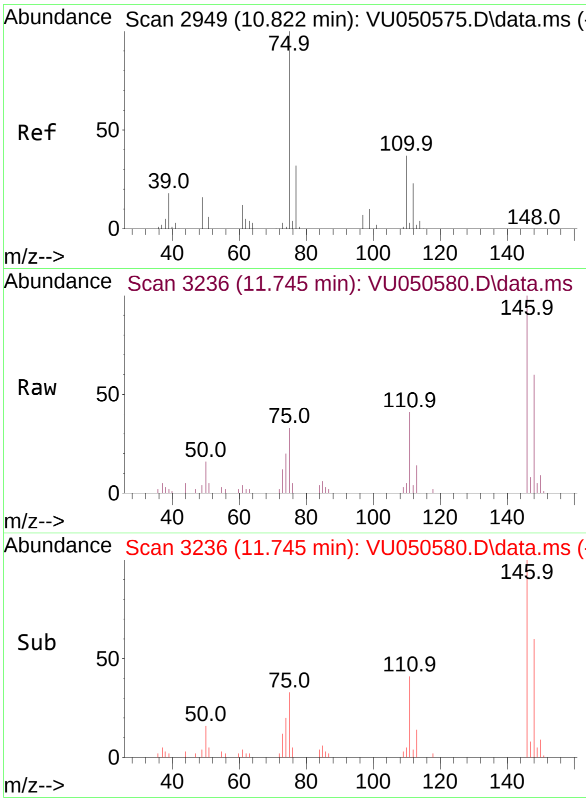


#51
Chlorobenzene
Concen: 23.346 ug/L
RT: 9.446 min   Scan# 2521
Delta R.T.   0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022   14:59

Tgt Ion:112 Resp: 127630

Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.0	42.6
77	59.6	49.4	74.2



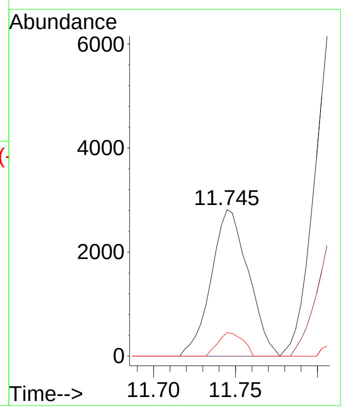


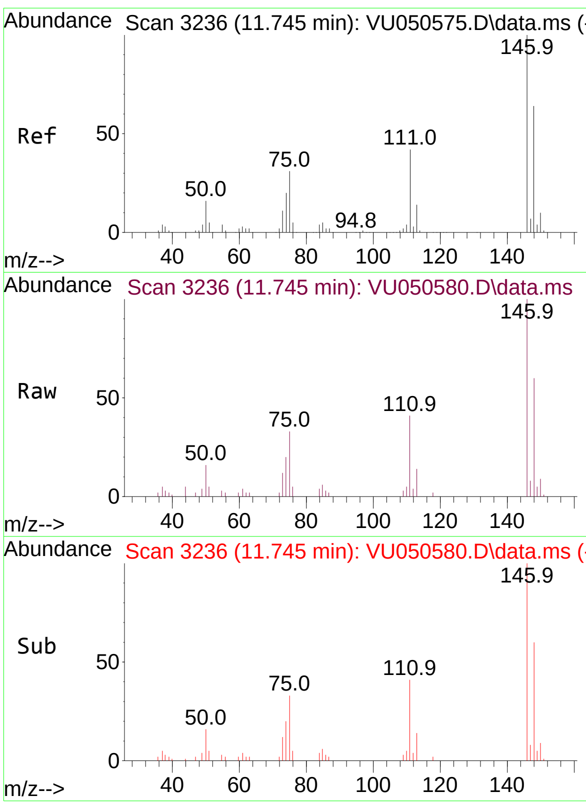
#60
1,2,3-Trichloropropane
Concen: 1.546 ug/L
RT: 11.745 min Scan# 3
Delta R.T. 0.923 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion: 75 Resp: 4443

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.4#
110	10.8	29.0	43.6#

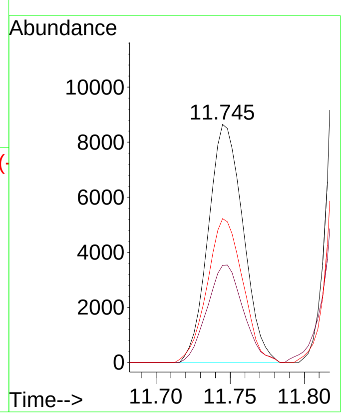


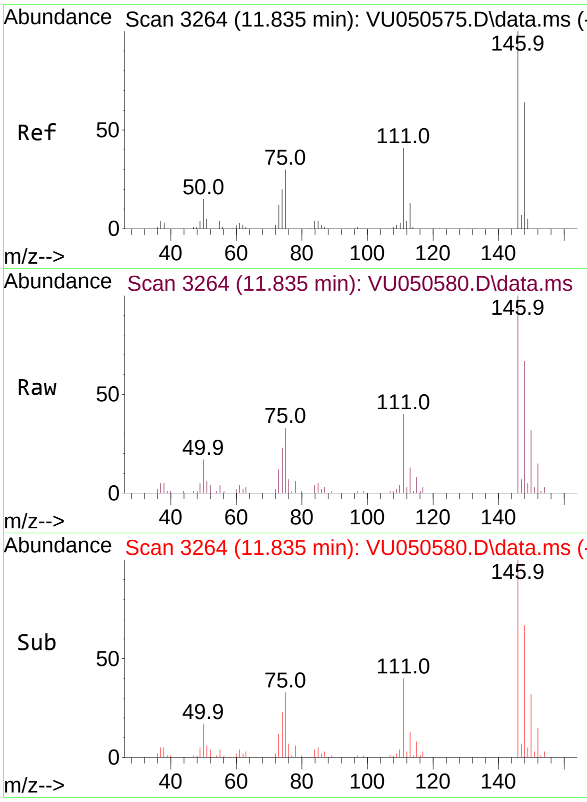


#64
1,3-Dichlorobenzene
Concen: 4.341 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion:146 Resp: 14142

Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.4	52.8
148	60.4	45.0	83.6





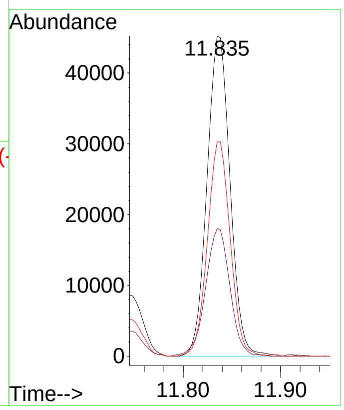
#65
1,4-Dichlorobenzene
Concen: 22.539 ug/L
RT: 11.835 min Scan# 3

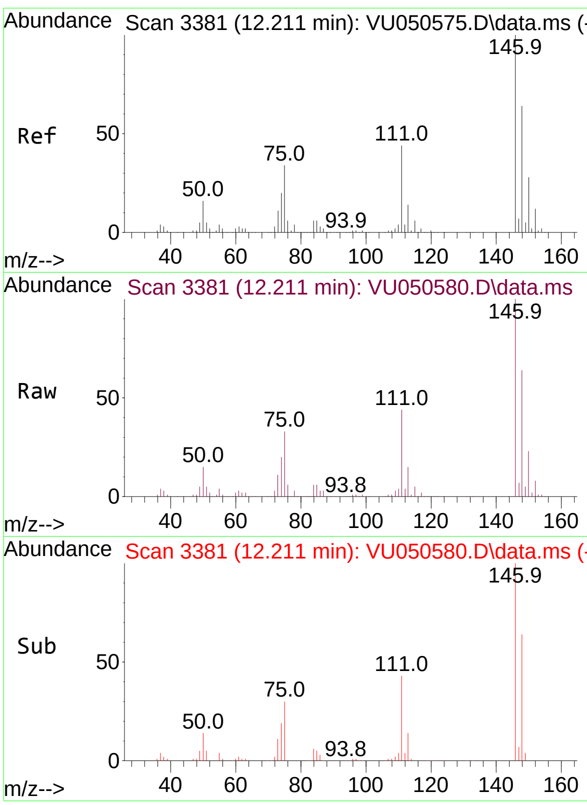
Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion:146 Resp: 74465

Ion	Ratio	Lower	Upper
146	100		
111	39.9	28.2	52.4
148	67.0	45.0	83.6

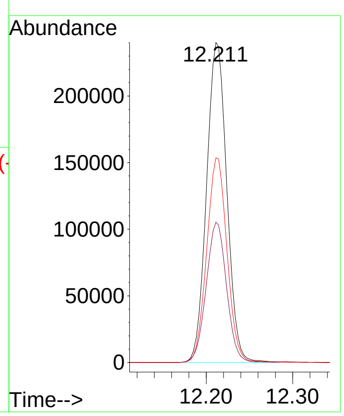


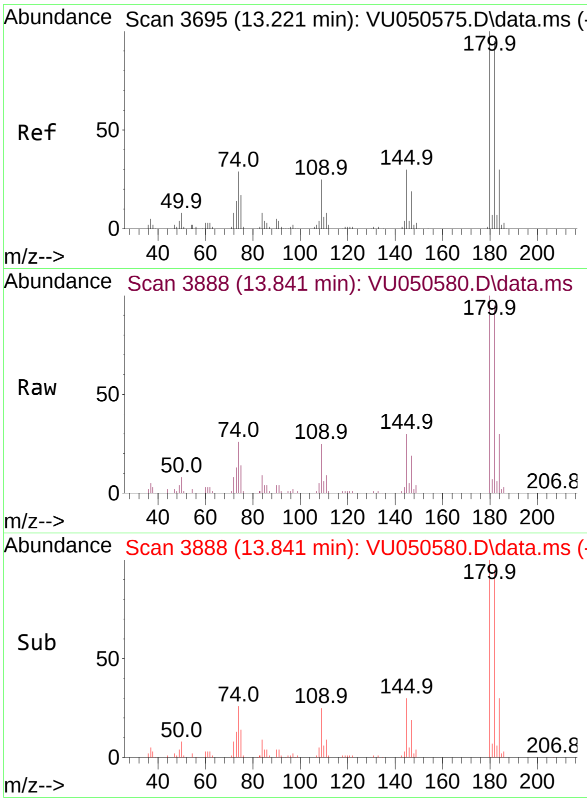


#67
1,2-Dichlorobenzene
Concen: 110.678 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion:146 Resp: 390923

Ion	Ratio	Lower	Upper
146	100		
111	43.8	33.4	50.2
148	64.0	49.9	74.9



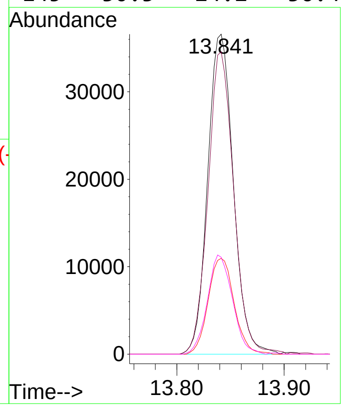


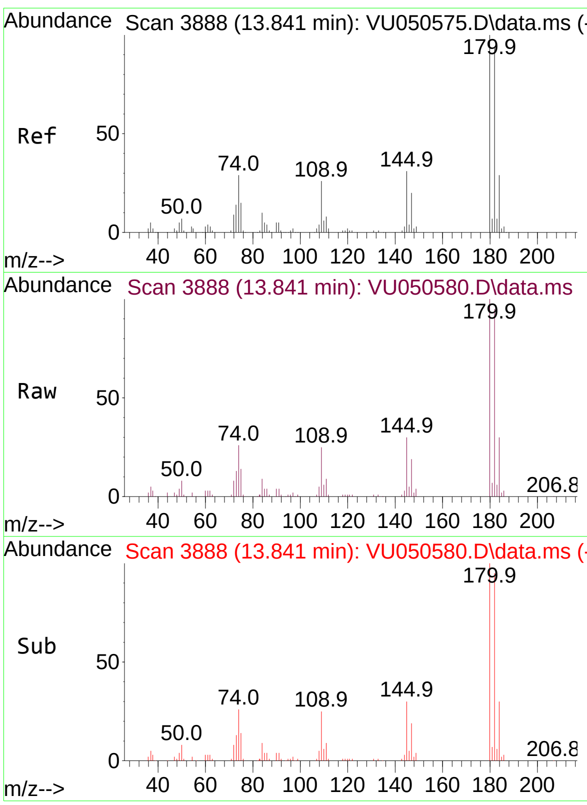
#69
1,3,5-Trichlorobenzene
Concen: 27.275 ug/L
RT: 13.841 min Scan# 3
Delta R.T. 0.621 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion:180 Resp: 60811

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.3	114.5
184	30.3	24.4	36.6
145	30.3	24.2	36.4

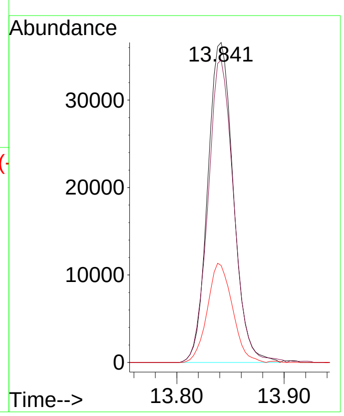


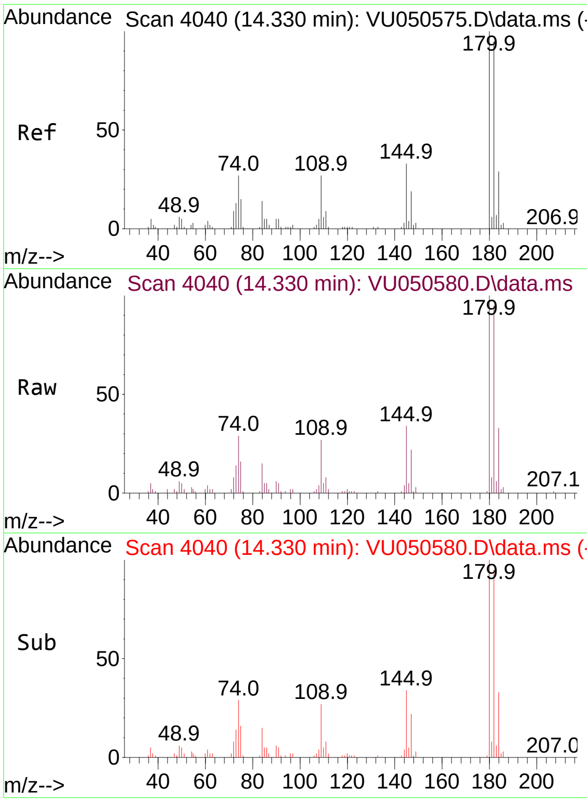


#70
1,2,4-trichlorobenzene
Concen: 30.665 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion:180 Resp: 60811

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.6	115.0
145	30.3	24.2	36.4





#72
1,2,3-Trichlorobenzene
Concen: 15.669 ug/L
RT: 14.330 min Scan# 40
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
C0KW0

Tgt Ion:180 Resp: 35910

Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
145	32.5	26.2	39.2