Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051142.D
Acq On : 05 Oct 2022 21:55
Operator : JC/MD
Sample : N4889-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 06 06:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	402303	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	422566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	230511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	141006	34.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.160%			
7) Chloroethane-d5	1.900	69	135766	35.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.700%			
11) 1,1-Dichloroethene-d2	2.562	63	181797	30.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.380%			
21) 2-Butanone-d5	4.620	46	238912	90.347	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.350%			
24) Chloroform-d	5.060	84	301336	45.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.740%			
26) 1,2-Dichloroethane-d4	5.700	65	196561	48.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.680%			
32) Benzene-d6	5.726	84	611593	49.424	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.840%			
36) 1,2-Dichloropropane-d6	6.690	67	210565	52.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.880%			
41) Toluene-d8	7.896	98	562732	49.220	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.440%			
43) trans-1,3-Dichloroprop...	8.179	79	83205	43.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.880%			
47) 2-Hexanone-d5	8.632	63	135977	83.867	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.870%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	340231	48.483	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.960%			
66) 1,2-Dichlorobenzene-d4	12.192	152	236346	47.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.000%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2048	0.667	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	1699	0.592	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	24900	4.295	ug/L	97
29) Cyclohexane	5.385	56	45105	10.962	ug/L	95
35) Methylcyclohexane	6.761	83	211387	46.546	ug/L	88
37) 1,2-Dichloropropane	6.761	63	2968	0.856	ug/L	99
38) Bromodichloromethane	7.070	83	2436	0.526	ug/L #	92
44) trans-1,3-Dichloropropene	8.179	75	3438	0.692	ug/L #	77
45) 1,1,2-Trichloroethane	8.369	97	46971	12.500	ug/L #	18
52) Ethylbenzene	9.571	91	3514277	240.435	ug/L	99
61) Isopropylbenzene	10.485	105	736112	49.159	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	1158264	94.594	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	3286094	267.766	ug/L	99
71) Naphthalene	14.086	128	235548	15.365	ug/L	99

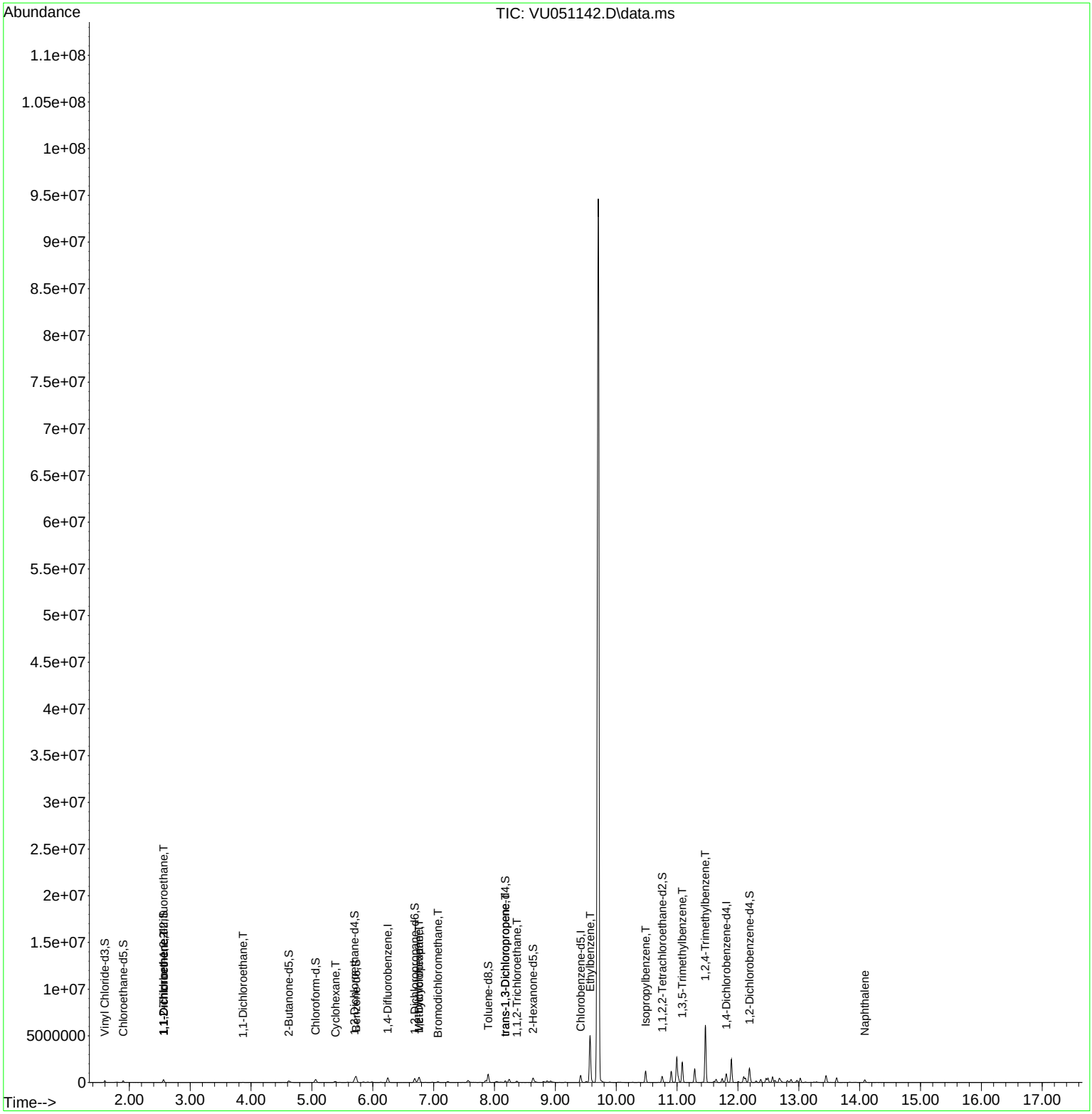
(#) = qualifier out of range (m) = manual integration (+) = signals summed

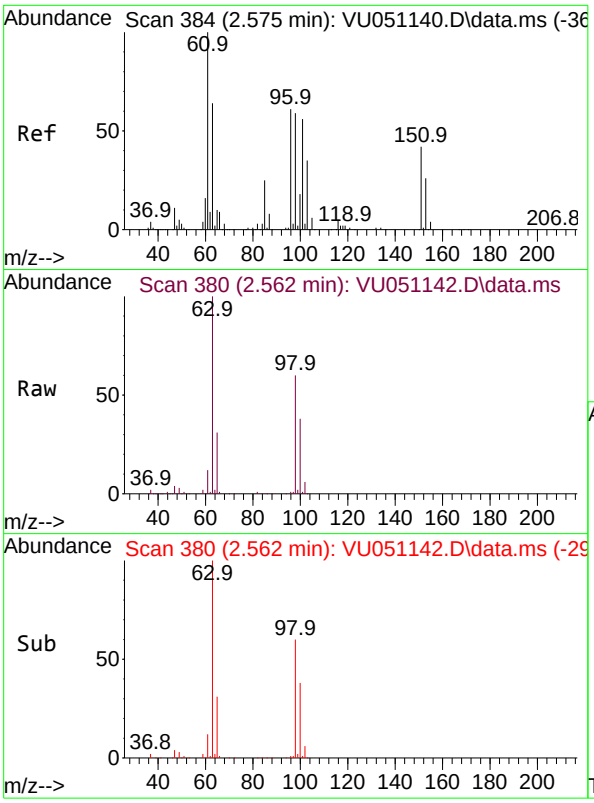
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051142.D
Acq On : 05 Oct 2022 21:55
Operator : JC/MD
Sample : N4889-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 06 06:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration



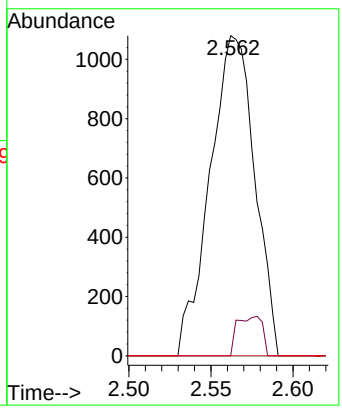


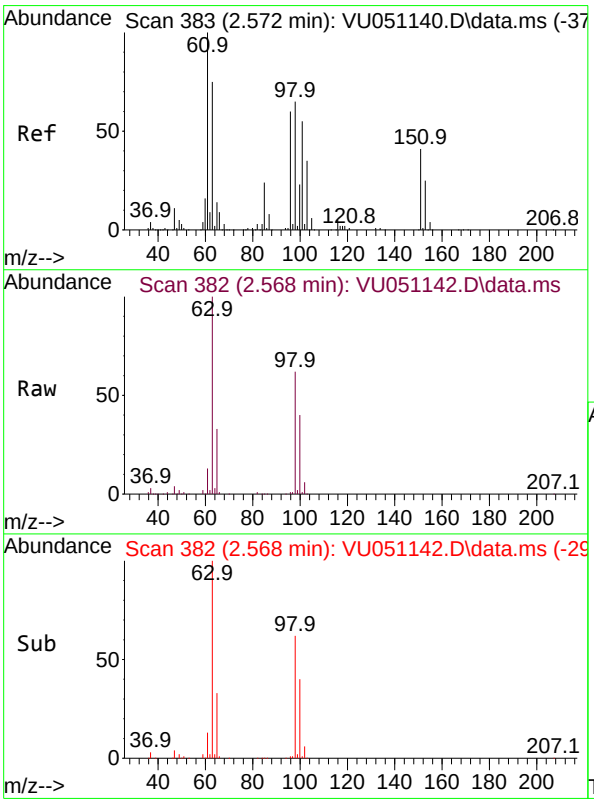
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.667 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 2048

Ion	Ratio	Lower	Upper
101	100		
85	3.4	34.6	52.0#
151	0.0	58.6	87.8#

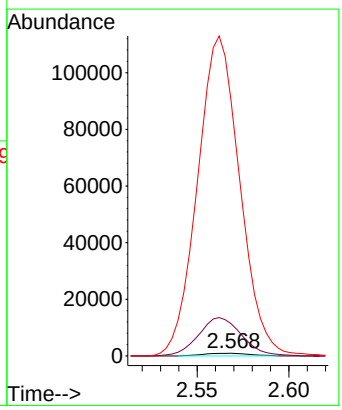


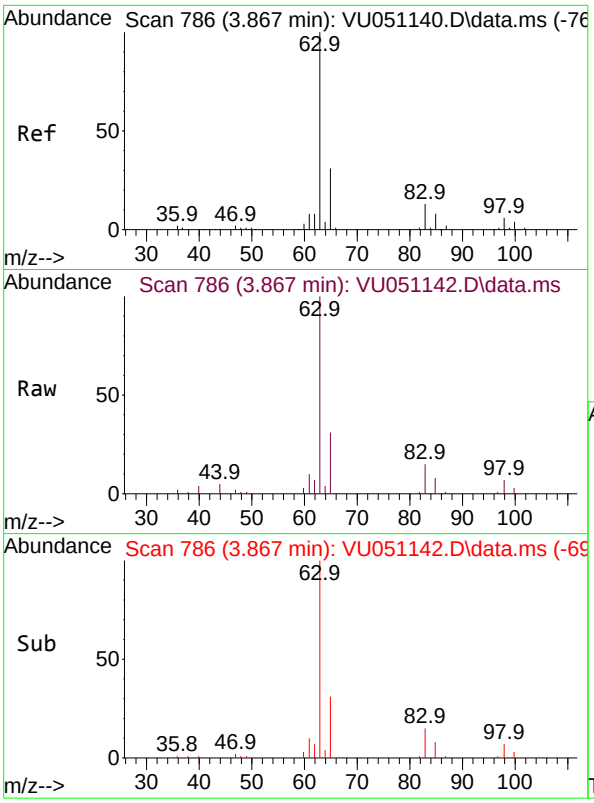


#12
1,1-Dichloroethene
Concen: 0.592 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.003 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion: 96 Resp: 1699

Ion	Ratio	Lower	Upper
96	100		
61	1208.1	113.0	209.9#
63	9571.2	91.7	170.3#



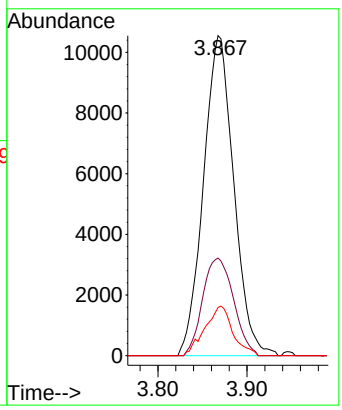


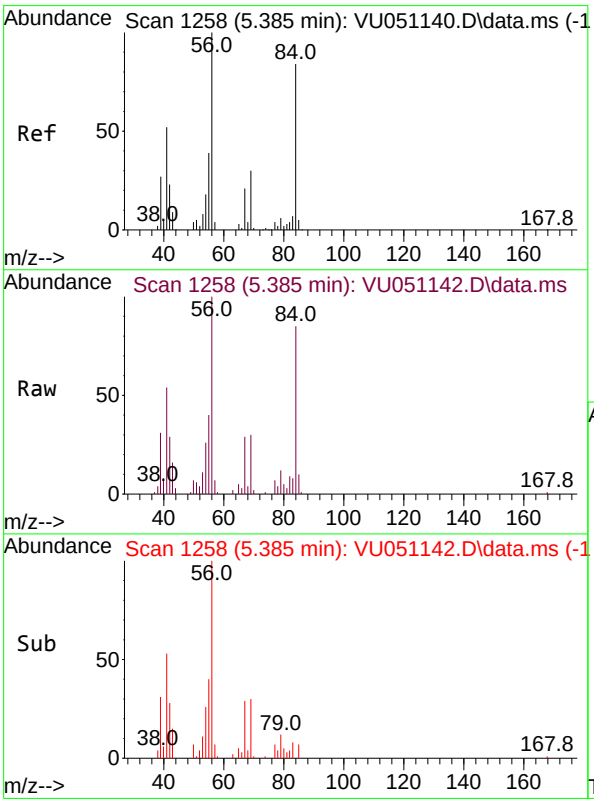
#19
1,1-Dichloroethane
Concen: 4.295 ug/L
RT: 3.867 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 24900

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.6	42.0
83	15.0	9.4	17.4

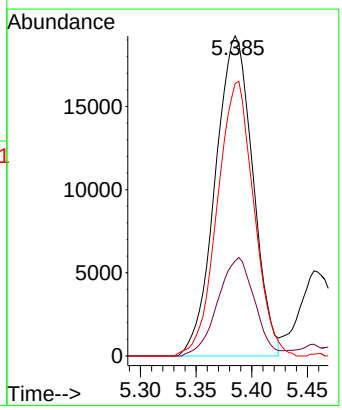


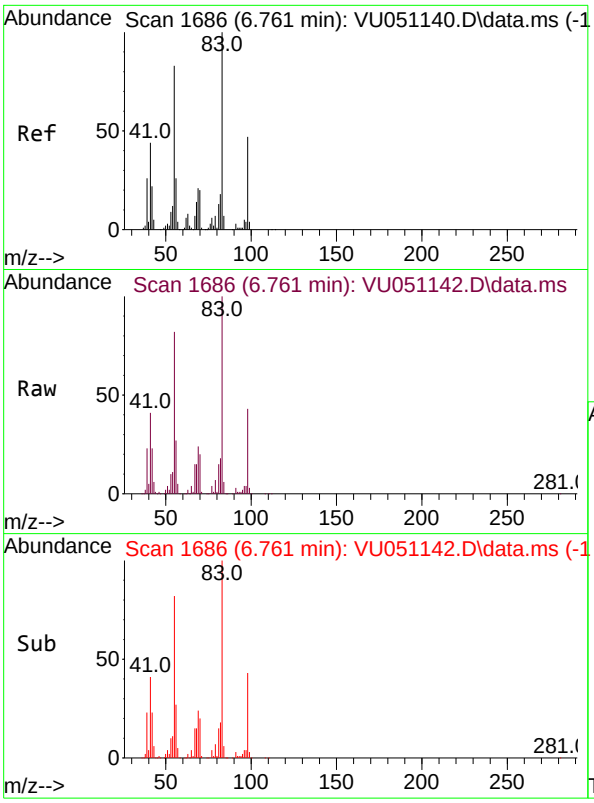


#29
Cyclohexane
Concen: 10.962 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion: 56 Resp: 45105

Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.8	37.2
84	83.4	71.8	107.6



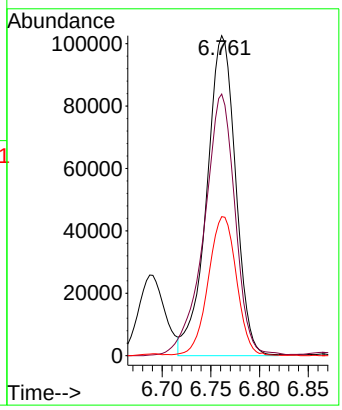


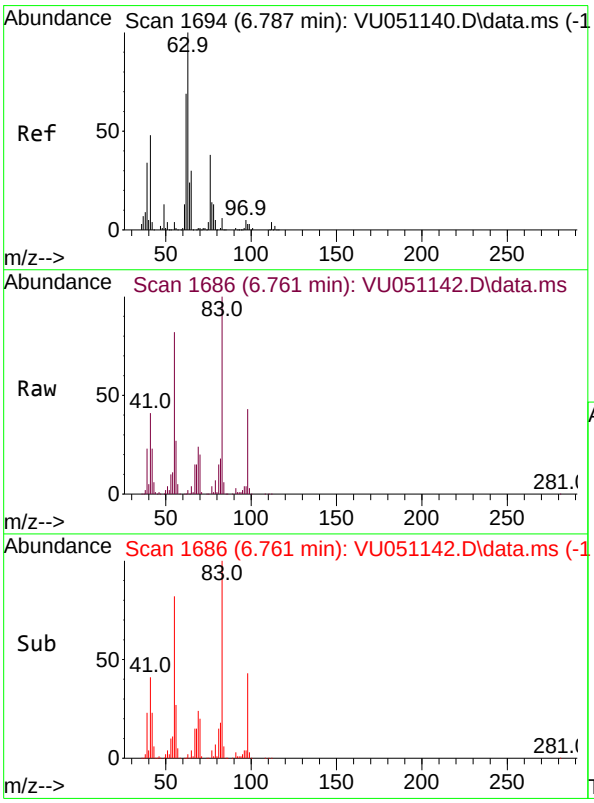
#35
Methylcyclohexane
Concen: 46.546 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 211387

Ion	Ratio	Lower	Upper
83	100		
55	88.1	59.3	88.9
98	42.6	36.0	54.0

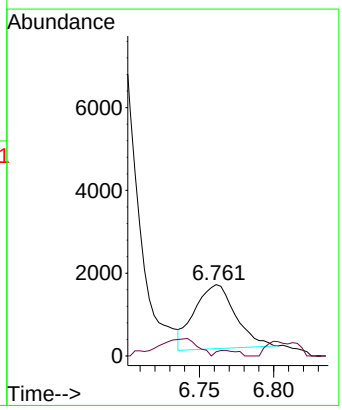


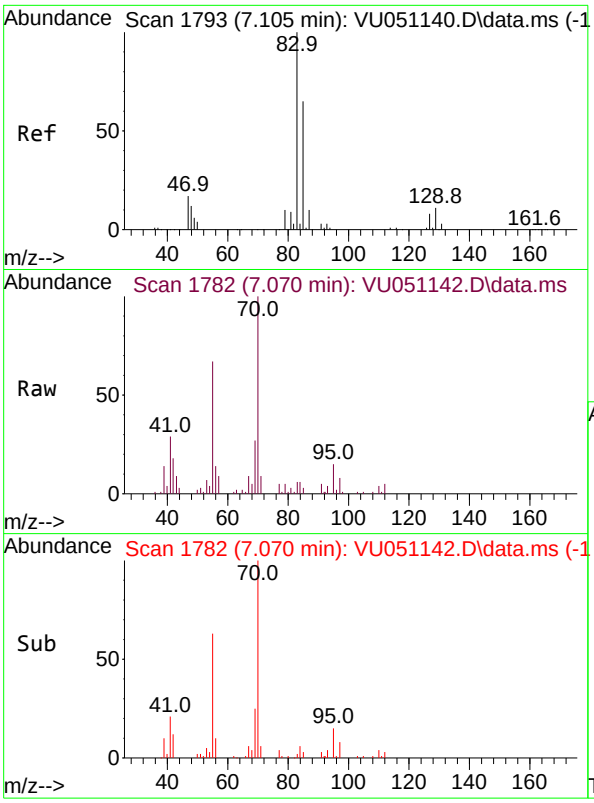


#37
1,2-Dichloropropane
Concen: 0.856 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.026 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion: 63 Resp: 2968

Ion	Ratio	Lower	Upper
63	100		
112	3.8	3.3	4.9



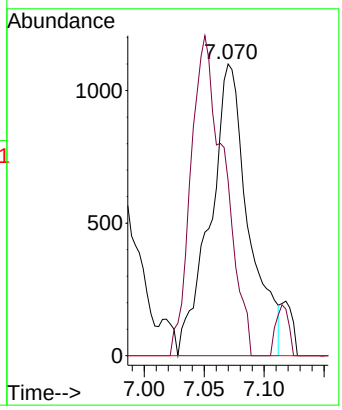


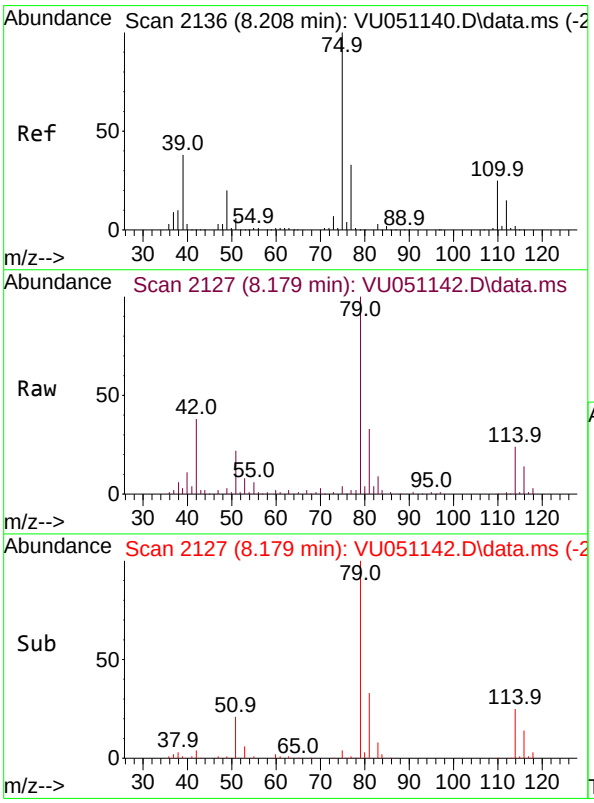
#38
Bromodichloromethane
Concen: 0.526 ug/L
RT: 7.070 min Scan# 1
Delta R.T. -0.035 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 2436

Ion	Ratio	Lower	Upper
83	100		
85	60.0	45.1	83.7
127	0.0	6.7	10.1#

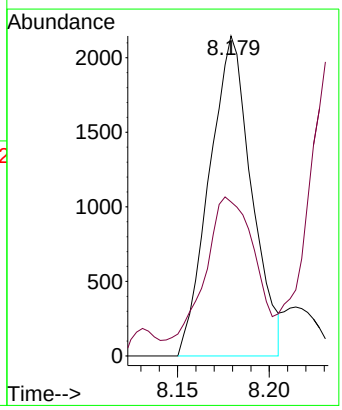


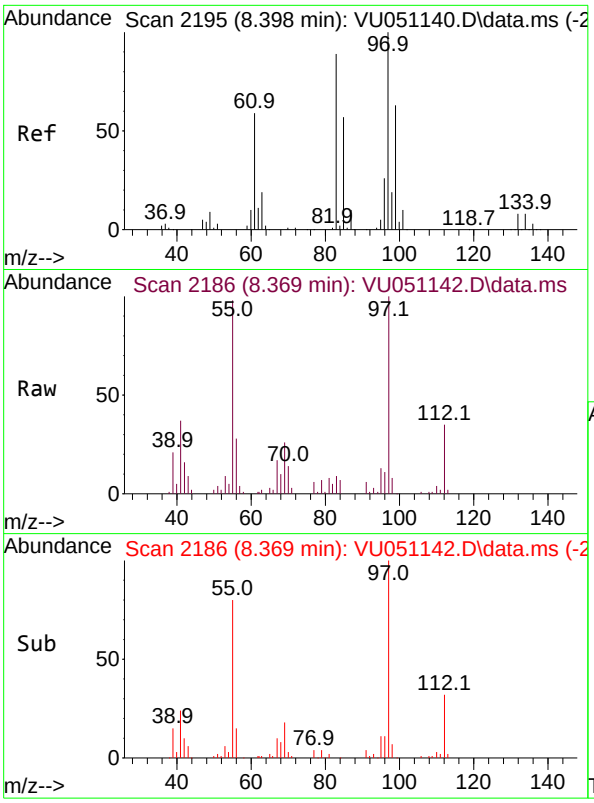


#44
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.029 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion: 75 Resp: 3438

Ion	Ratio	Lower	Upper
75	100		
77	45.5	22.7	42.3#



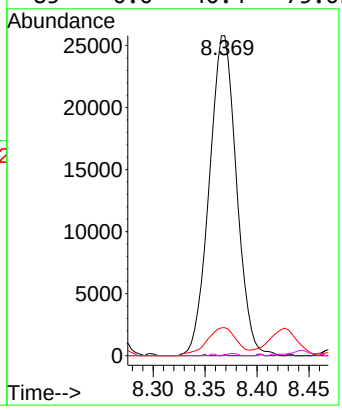


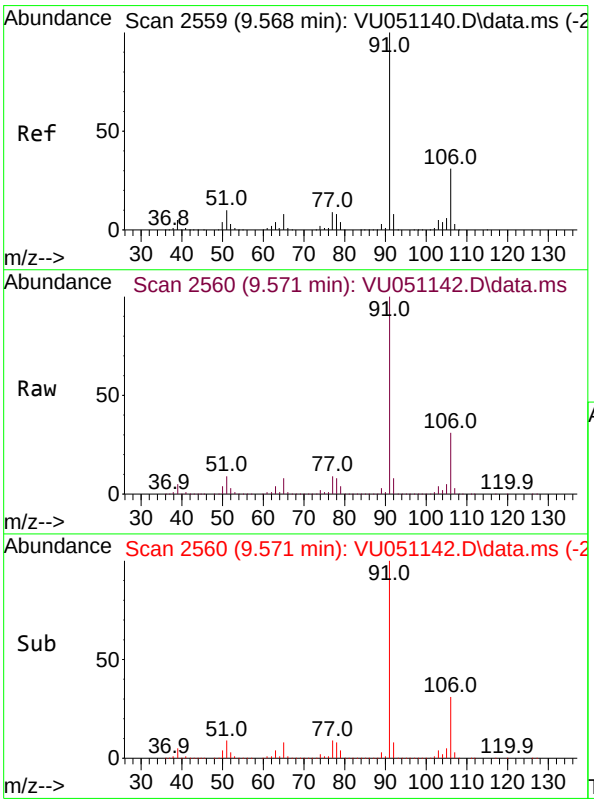
#45
1,1,2-Trichloroethane
Concen: 12.500 ug/L
RT: 8.369 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 46971

Ion	Ratio	Lower	Upper
97	100		
99	0.4	44.4	82.4#
83	8.8	61.7	114.5#
85	0.0	40.4	75.0#

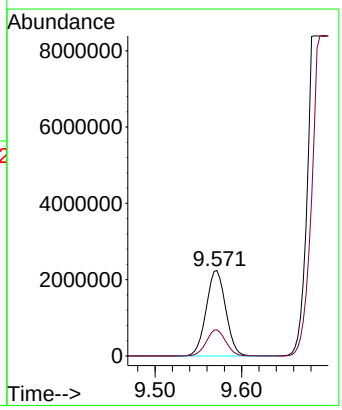


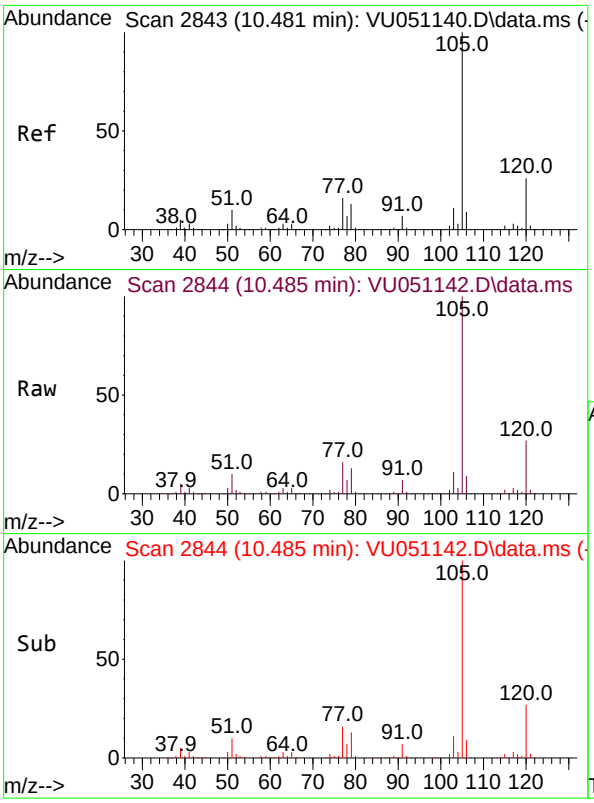


#52
Ethylbenzene
Concen: 240.435 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion: 91 Resp: 3514277

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.7	40.3



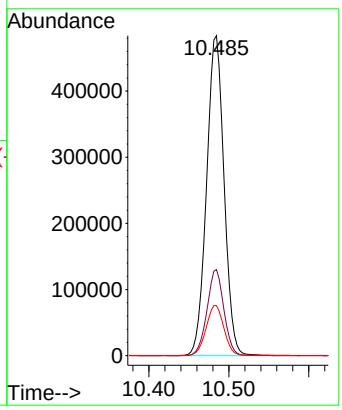


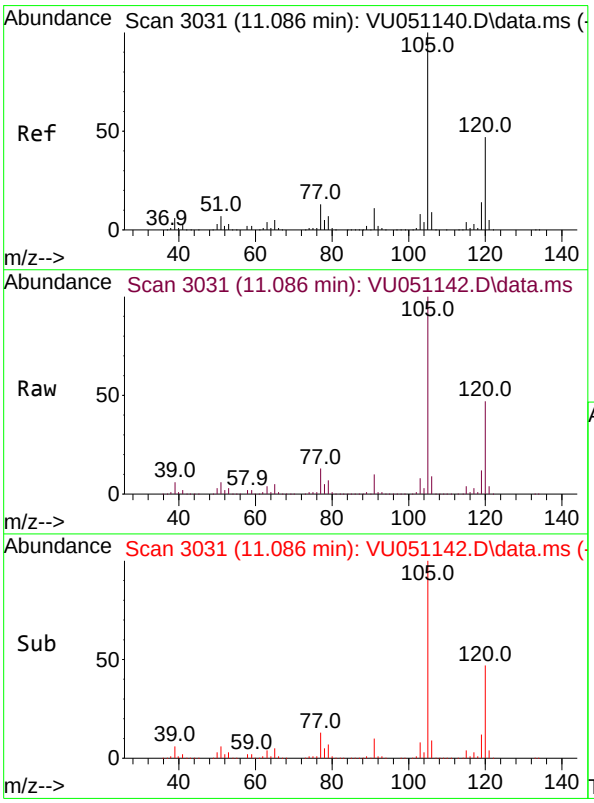
#61
Isopropylbenzene
Concen: 49.159 ug/L
RT: 10.485 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 736112

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.1	31.7
77	15.9	12.8	19.2

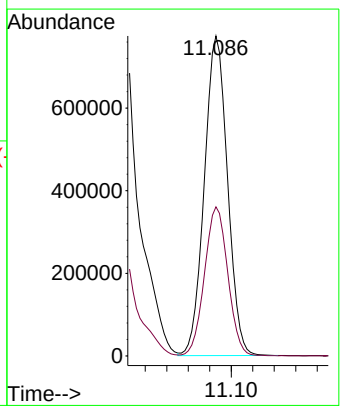


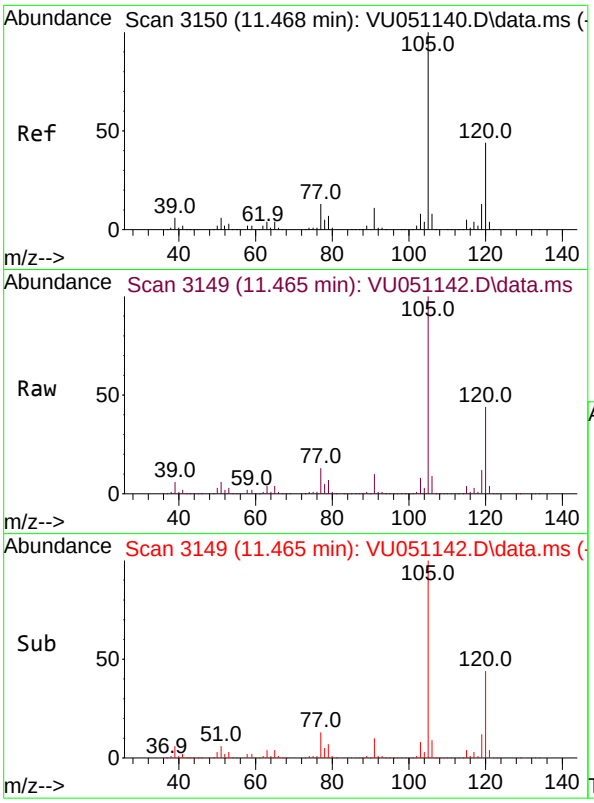


#62
1,3,5-Trimethylbenzene
Concen: 94.594 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion:105 Resp: 1158264

Ion	Ratio	Lower	Upper
105	100		
120	46.8	37.8	56.8



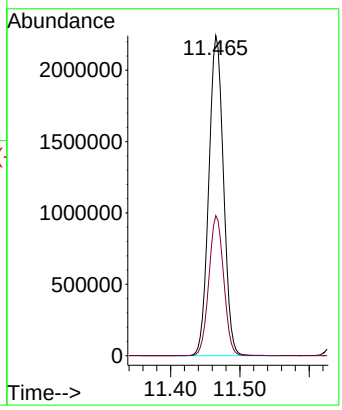


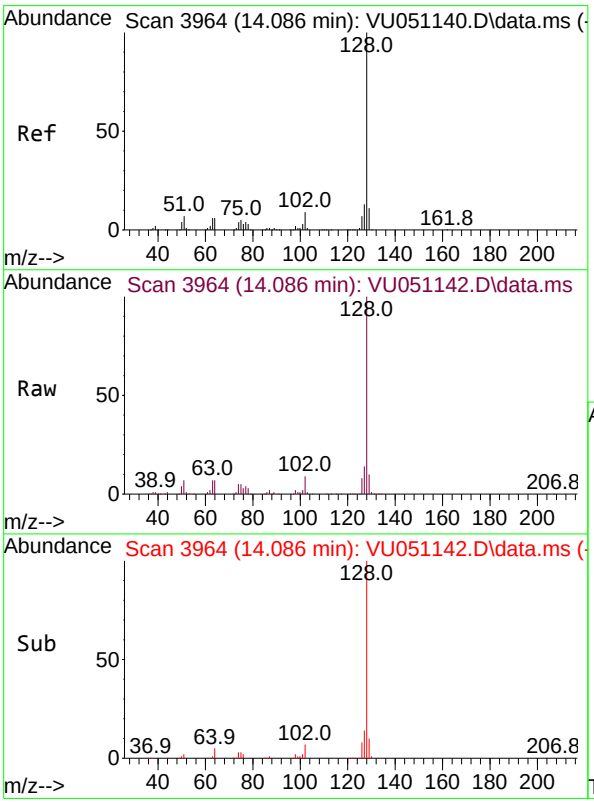
#63
1,2,4-Trimethylbenzene
Concen: 267.766 ug/L
RT: 11.465 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 3286094

Ion	Ratio	Lower	Upper
105	100		
120	43.9	35.5	53.3





#71
Naphthalene
Concen: 15.365 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion:128 Resp: 235548

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.7	8.6	13.0