Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
Data File : VU048543.D
Acq On : 12 May 2022 15:49
Operator : SY/MD
Sample : N2801-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 13 03:59:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	266369	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146609	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	77859	33.940	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.880%			
7) Chloroethane-d5	1.912	69	63522	42.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.860%			
11) 1,1-Dichloroethene-d2	2.568	63	129554	31.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.460%			
21) 2-Butanone-d5	4.616	46	162733	83.296	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.300%			
24) Chloroform-d	5.067	84	200148	50.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.460%			
26) 1,2-Dichloroethane-d4	5.703	65	145123	56.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.060%			
32) Benzene-d6	5.729	84	369394	45.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.380%			
36) 1,2-Dichloropropane-d6	6.693	67	113783	42.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.380%			
41) Toluene-d8	7.899	98	333245	46.097	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.200%			
43) trans-1,3-Dichloroprop...	8.179	79	64395	52.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.980%			
47) 2-Hexanone-d5	8.632	63	119416	92.560	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.560%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	179020	44.091	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.180%			
66) 1,2-Dichlorobenzene-d4	12.192	152	145762	50.209	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.420%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.562	96	795	0.426	ug/L #	1
29) Cyclohexane	5.391	56	6490	1.748	ug/L #	67
35) Methylcyclohexane	6.764	83	3393	0.934	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3581	0.974	ug/L #	70
44) trans-1,3-Dichloropropene	8.179	75	2855	0.799	ug/L	87
52) Ethylbenzene	9.568	91	7260	0.729	ug/L	98
61) Isopropylbenzene	10.484	105	9601	0.935	ug/L	96
62) 1,3,5-Trimethylbenzene	11.468	105	12507	2.208	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	12507	1.483	ug/L	99

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

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Quant Title : VOC Analysis
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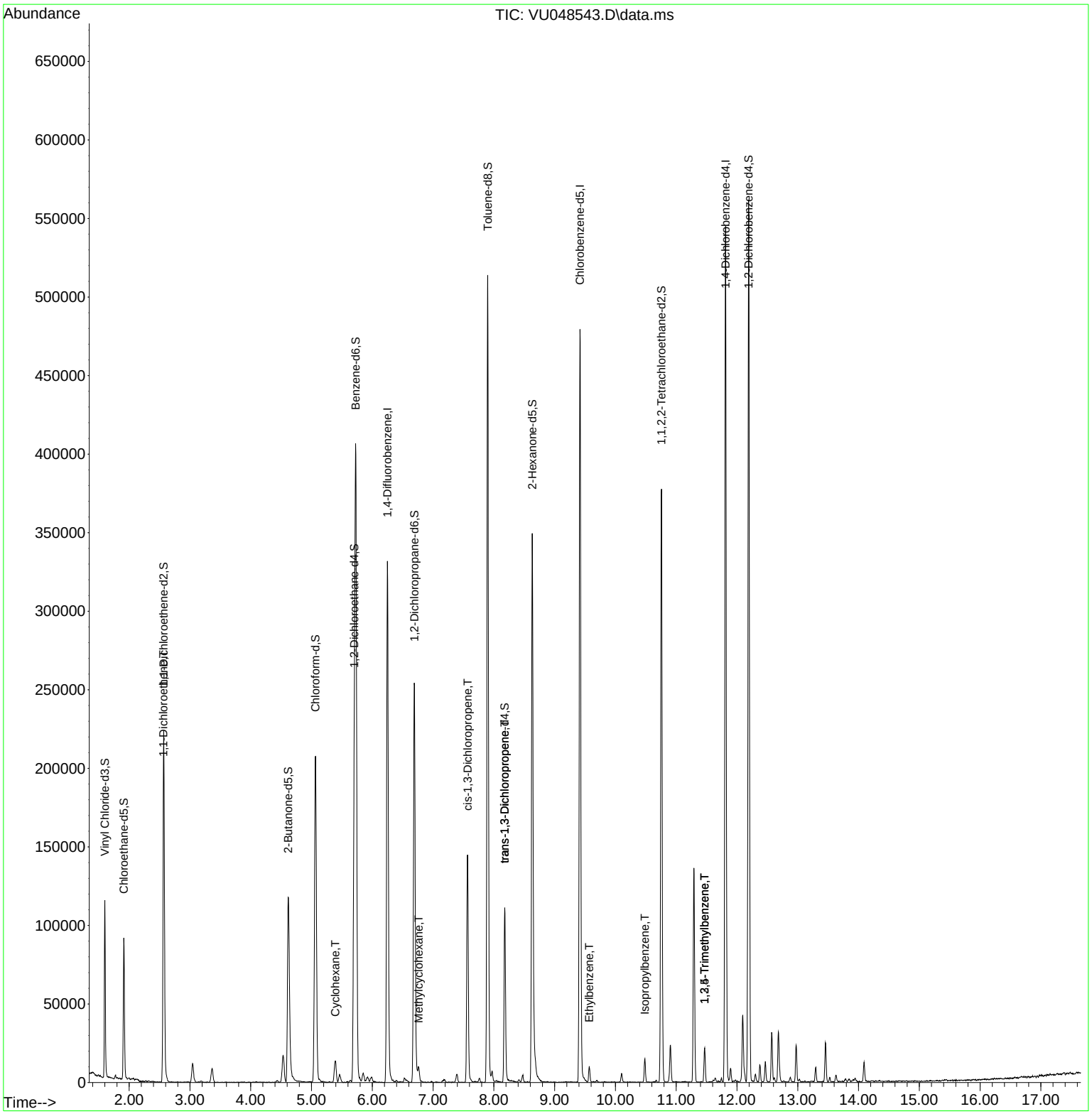
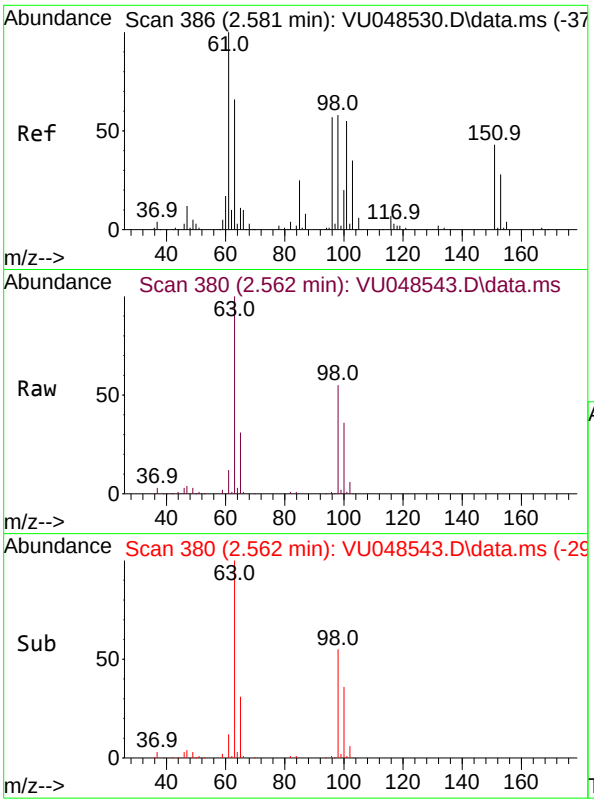


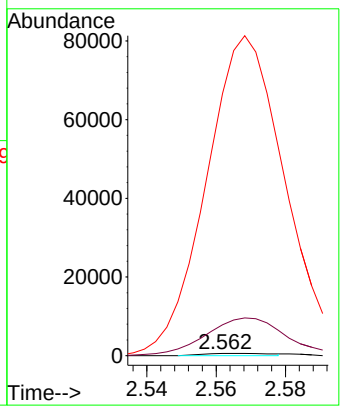


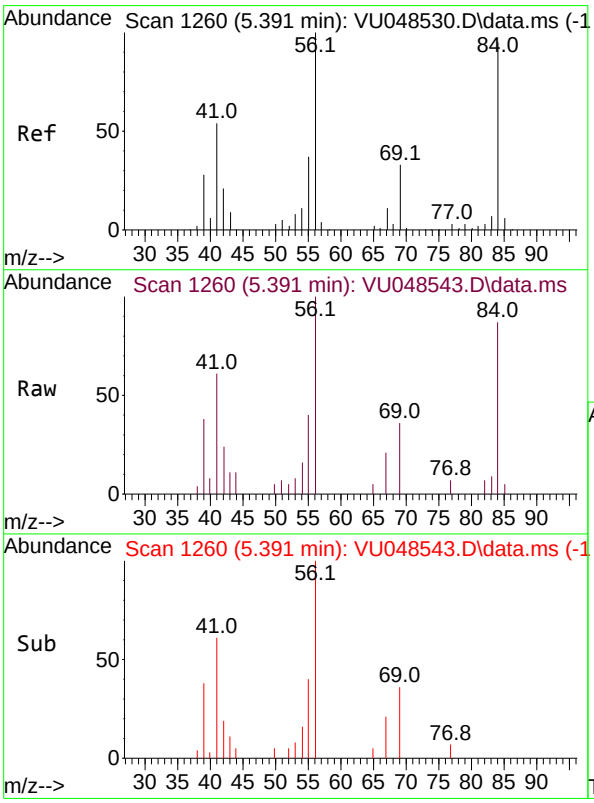
#12
1,1-Dichloroethene
Concen: 0.426 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 795

Ion	Ratio	Lower	Upper
96	100		
61	1384.5	124.5	231.3#
63	11751.7	92.5	171.9#

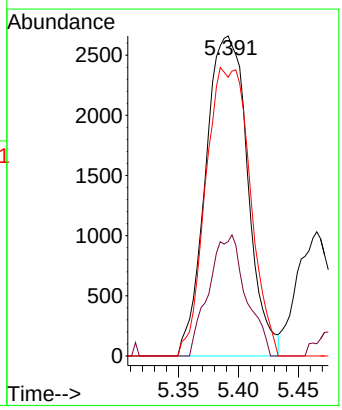


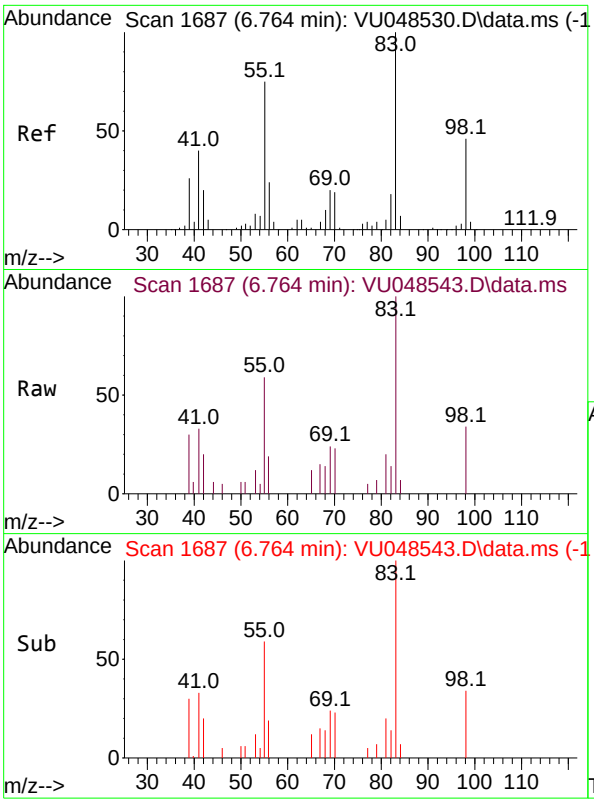


#29
Cyclohexane
Concen: 1.748 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Tgt Ion: 56 Resp: 6490

Ion	Ratio	Lower	Upper
56	100		
69	15.5	23.4	35.0#
84	50.2	65.5	98.3#



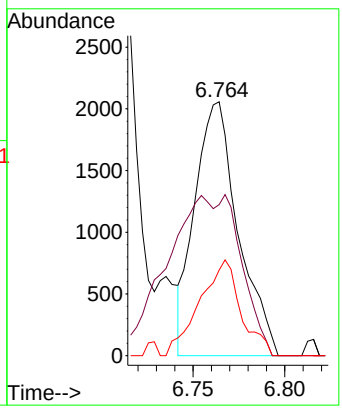


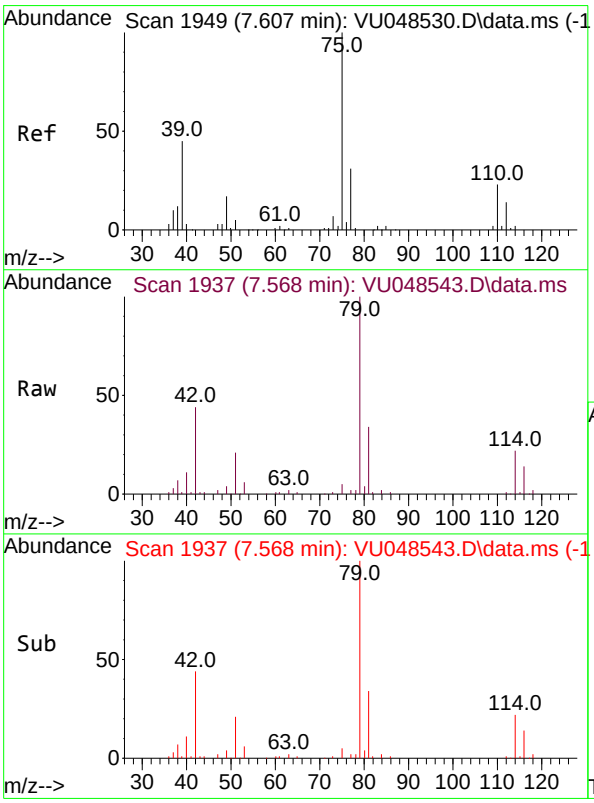
#35
Methylcyclohexane
Concen: 0.934 ug/L
RT: 6.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 3393

Ion	Ratio	Lower	Upper
83	100		
55	70.0	63.4	95.2
98	33.0	35.9	53.9#

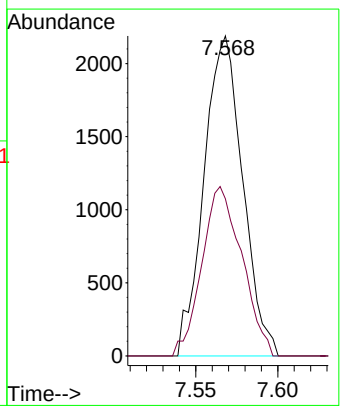


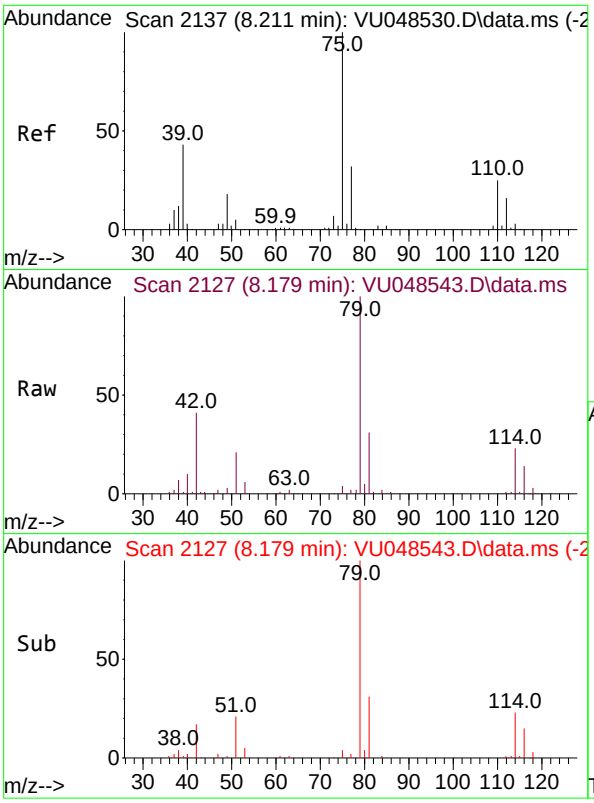


#39
cis-1,3-Dichloropropene
Concen: 0.974 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Tgt Ion: 75 Resp: 3581

Ion	Ratio	Lower	Upper
75	100		
77	49.1	22.5	41.9#



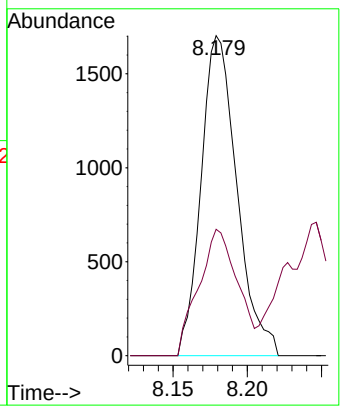


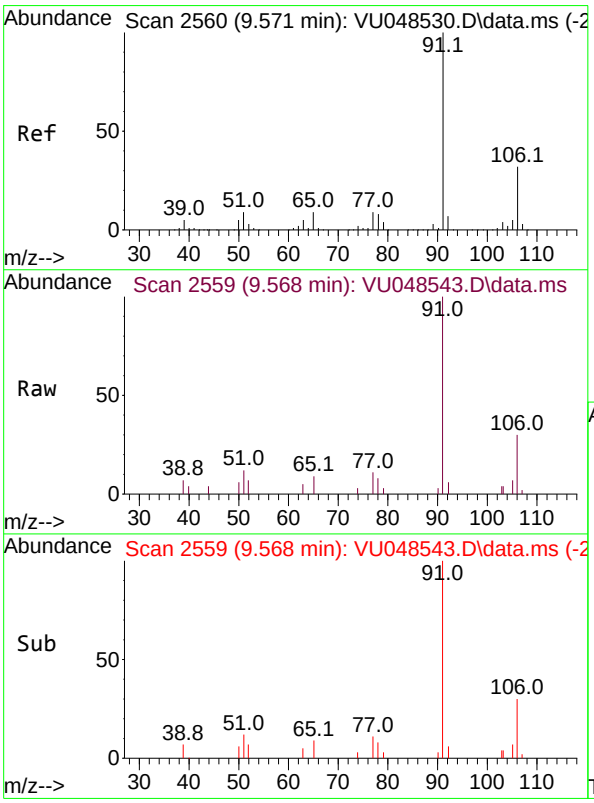
#44
trans-1,3-Dichloropropene
Concen: 0.799 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2855

Ion	Ratio	Lower	Upper
75	100		
77	39.5	22.6	42.0

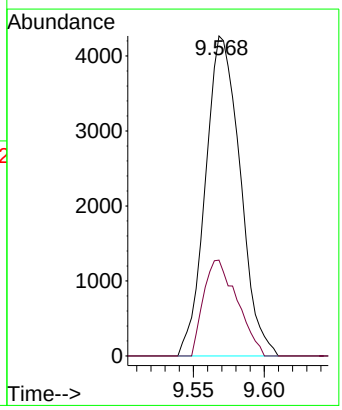


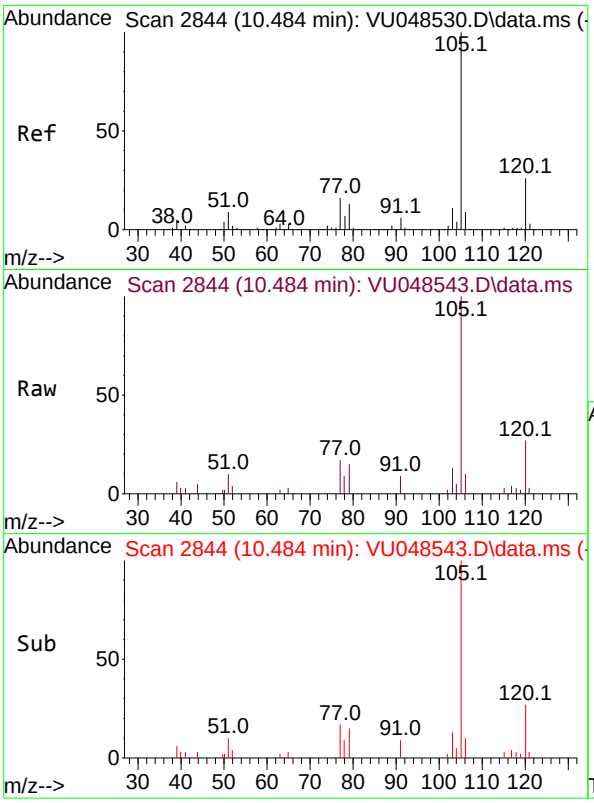


#52
Ethylbenzene
Concen: 0.729 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Tgt Ion: 91 Resp: 7260

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.7	40.3



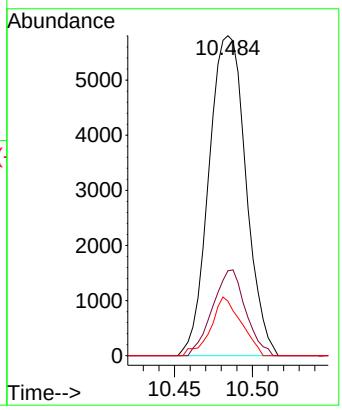


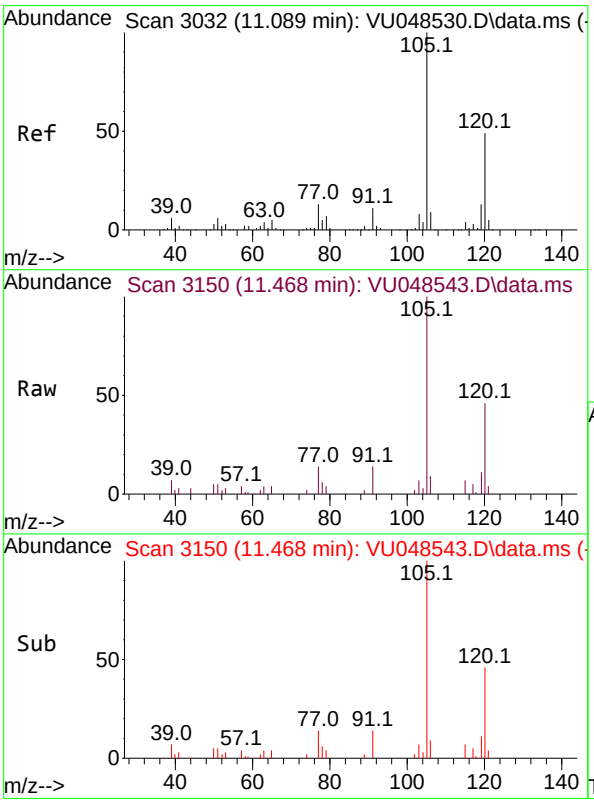
#61
Isopropylbenzene
Concen: 0.935 ug/L
RT: 10.484 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 9601

Ion	Ratio	Lower	Upper
105	100		
120	24.0	21.0	31.4
77	14.5	12.5	18.7

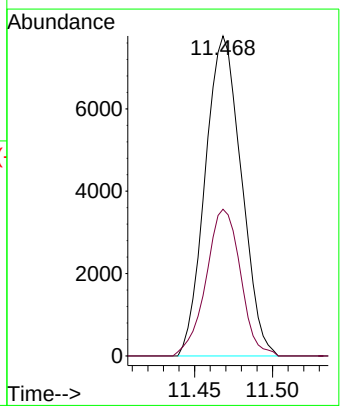


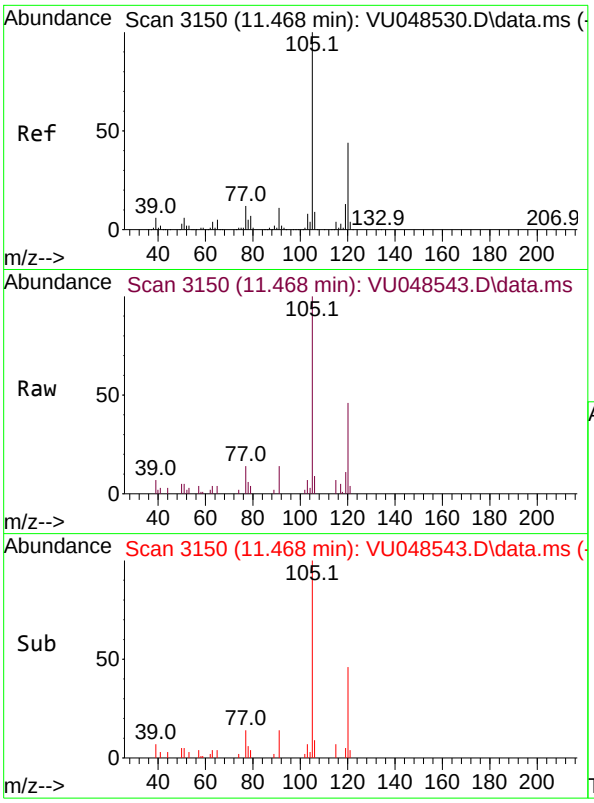


#62
1,3,5-Trimethylbenzene
Concen: 2.208 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.379 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Tgt Ion:105 Resp: 12507

Ion	Ratio	Lower	Upper
105	100		
120	43.7	38.5	57.7





#63
1,2,4-Trimethylbenzene
Concen: 1.483 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 12507

Ion	Ratio	Lower	Upper
105	100		
120	43.7	35.4	53.2