Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

Quant Time: Apr 26 02:48:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:41:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	370501	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	379384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	189785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	147207	43.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.420%			
7) Chloroethane-d5	1.890	69	120805	50.514	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.020%			
11) 1,1-Dichloroethene-d2	2.562	63	189346	34.685	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.360%			
21) 2-Butanone-d5	4.620	46	340590	117.207	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.210%			
24) Chloroform-d	5.063	84	283508	45.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.760%			
26) 1,2-Dichloroethane-d4	5.700	65	179589	48.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.960%			
32) Benzene-d6	5.726	84	600918	50.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.440%			
36) 1,2-Dichloropropane-d6	6.690	67	196690	49.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.440%			
41) Toluene-d8	7.899	98	527529	48.639	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.280%			
43) trans-1,3-Dichloroprop...	8.179	79	81222	46.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.060%			
47) 2-Hexanone-d5	8.636	63	267681	125.423	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.420%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	348799	50.276	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.560%			
66) 1,2-Dichlorobenzene-d4	12.195	152	222585	52.136	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.280%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.665	96	2371	0.777	ug/L	95
29) Cyclohexane	5.385	56	44070	12.294	ug/L	98
33) Benzene	5.774	78	1223807	108.952	ug/L	100
35) Methylcyclohexane	6.758	83	5825	1.507	ug/L #	53
42) Toluene	7.970	91	13436	1.139	ug/L	94
51) Chlorobenzene	9.449	112	8538	1.004	ug/L	96
52) Ethylbenzene	9.571	91	10998	0.901	ug/L	98
61) Isopropylbenzene	10.484	105	18642	1.757	ug/L	98

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

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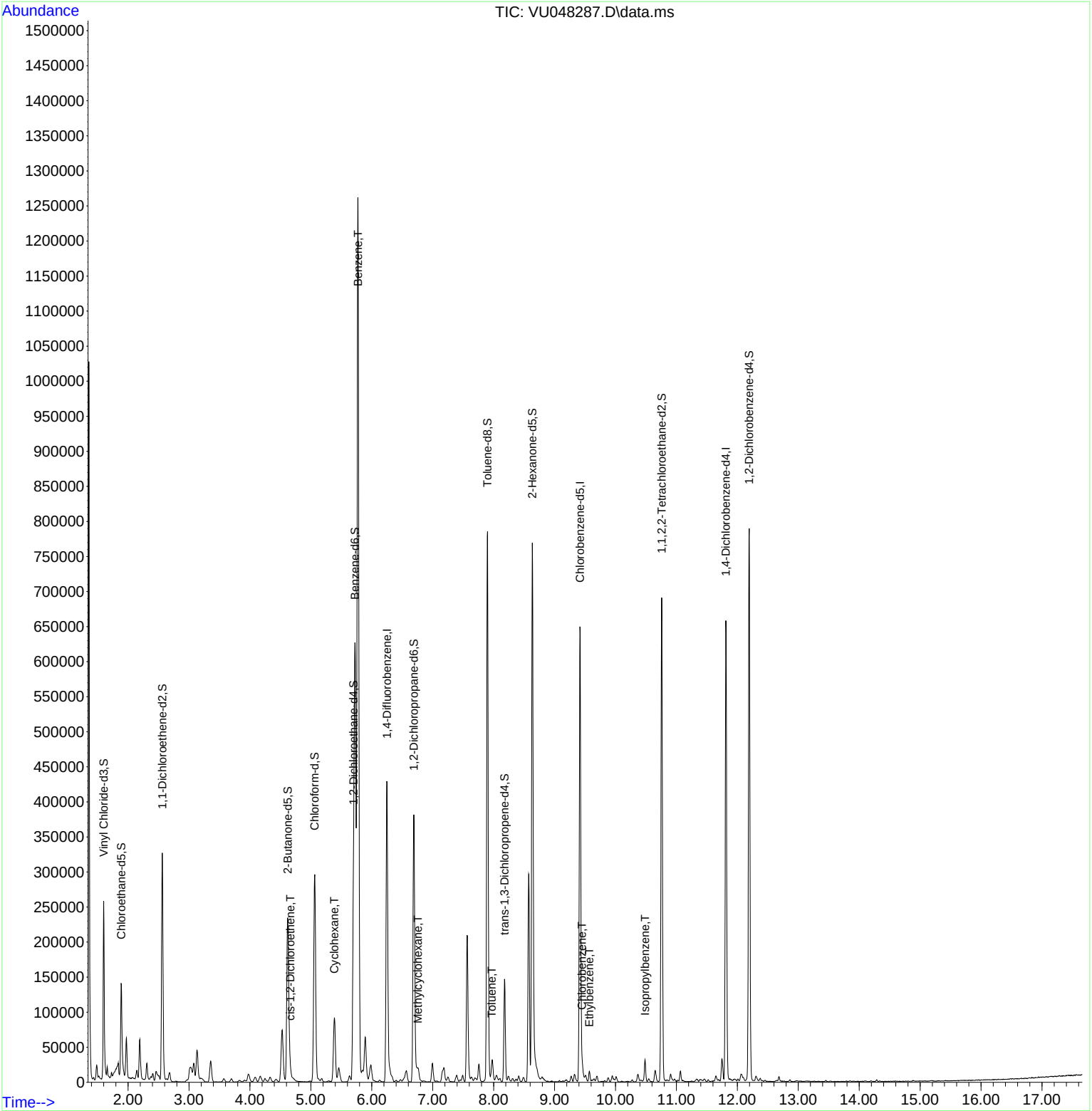
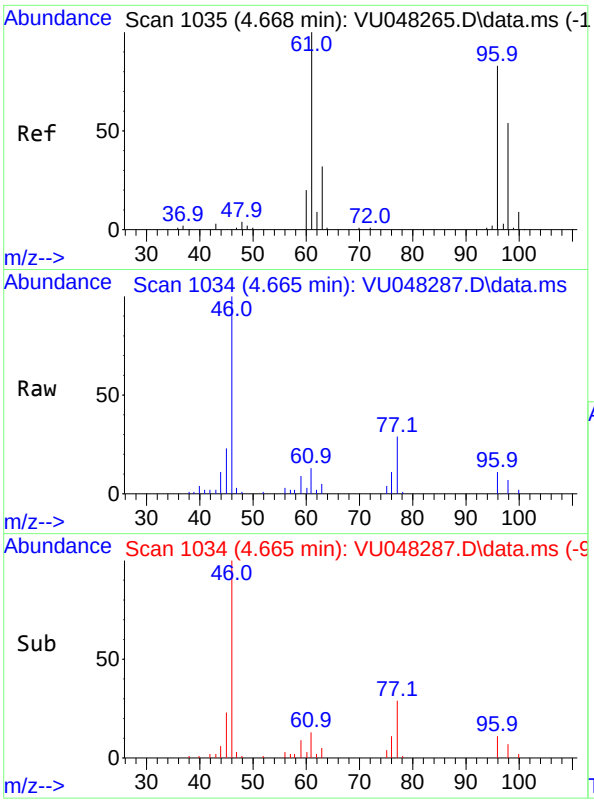
Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:41:26 2022
Response via : Initial Calibration



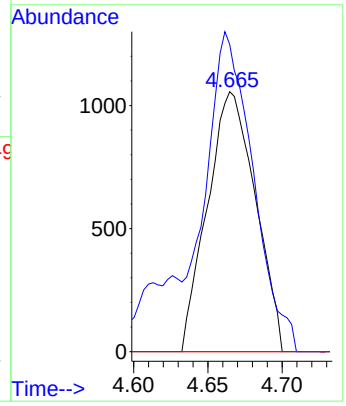


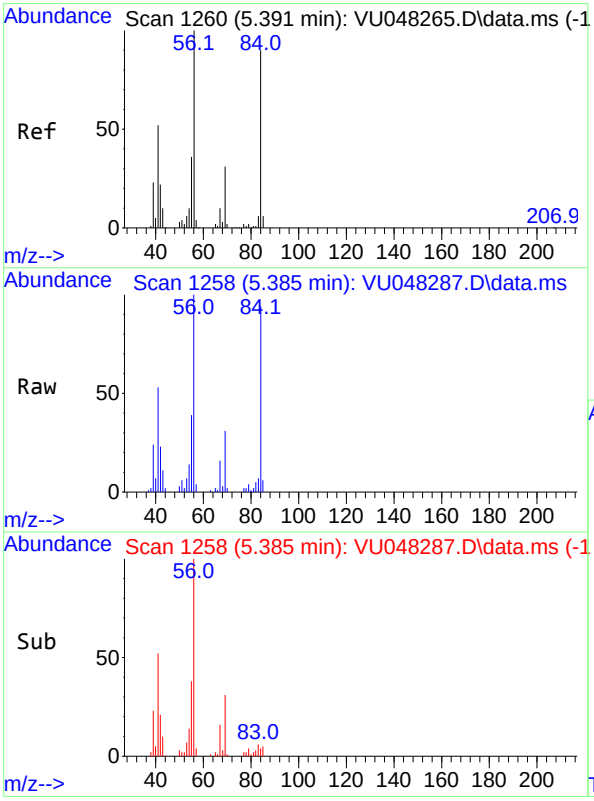
#20
cis-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Instrument :
MSVOA_U
ClientSampleId :
EXES5

Tgt Ion: 96 Resp: 2371

Ion	Ratio	Lower	Upper
96	100		
61	118.2	87.0	161.6
68	0.0	0.0	0.0

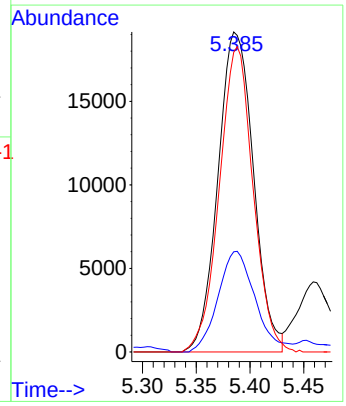


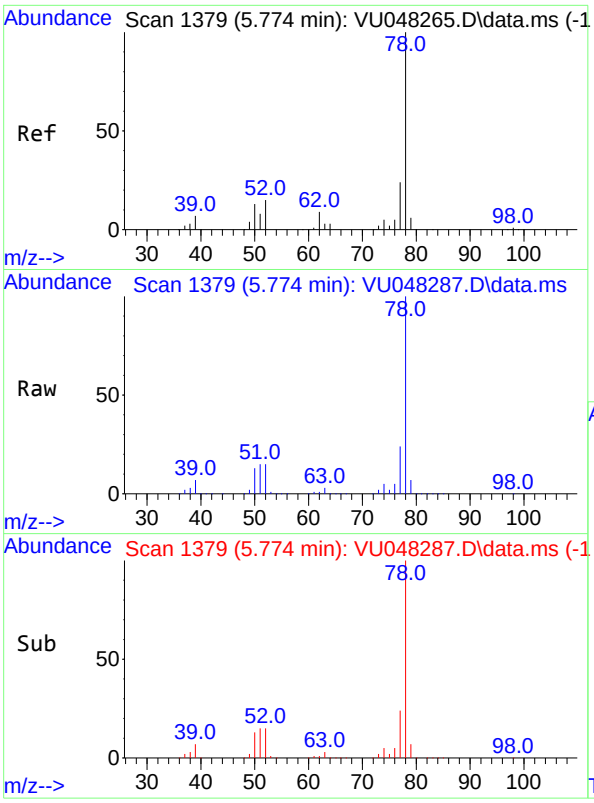


#29
Cyclohexane
Concen: 12.294 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Tgt Ion: 56 Resp: 44070

Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.2	36.4
84	90.5	72.2	108.2

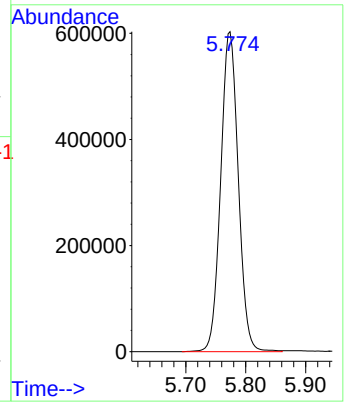


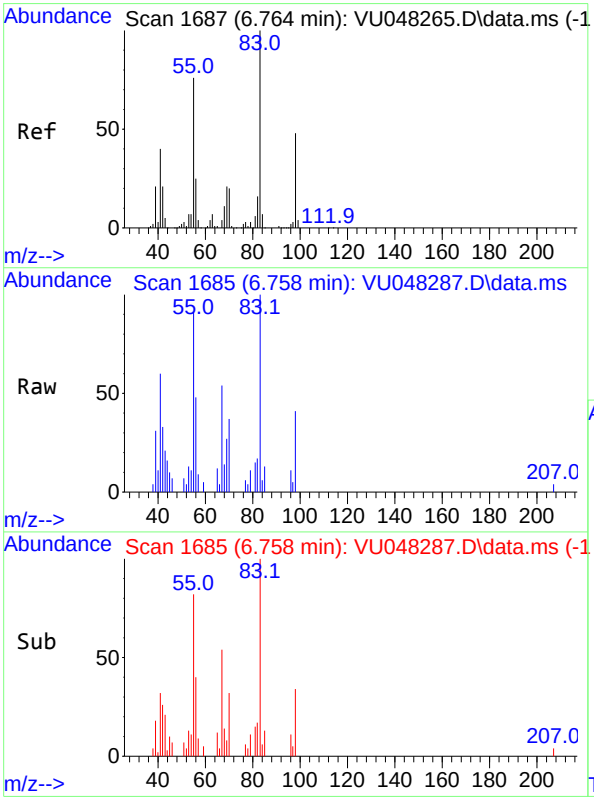


#33
Benzene
Concen: 108.952 ug/L
RT: 5.774 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Instrument :
MSVOA_U
ClientSampleId :
EXES5

Tgt Ion: 78 Resp: 1223807

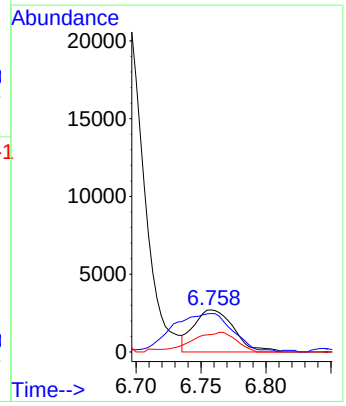


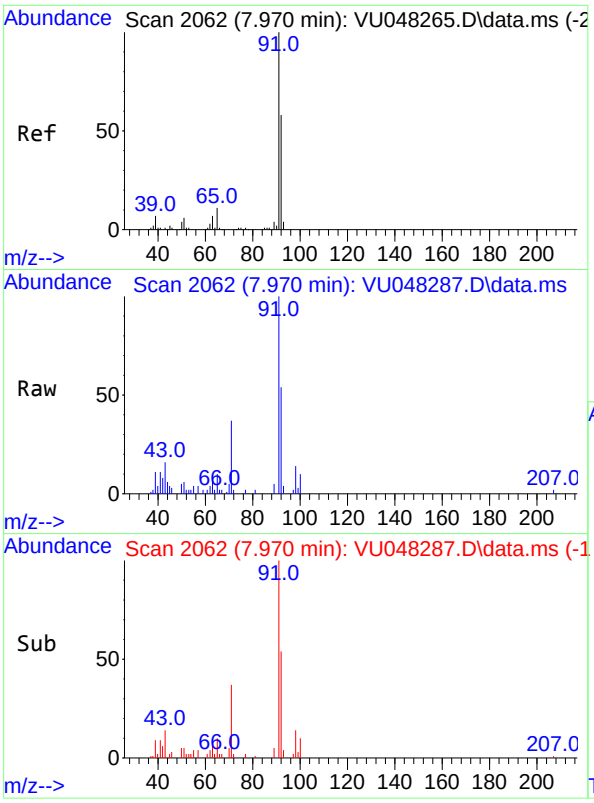


#35
Methylcyclohexane
Concen: 1.507 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.007 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Tgt Ion: 83 Resp: 5825

Ion	Ratio	Lower	Upper
83	100		
55	136.0	59.4	89.2#
98	51.2	37.3	55.9



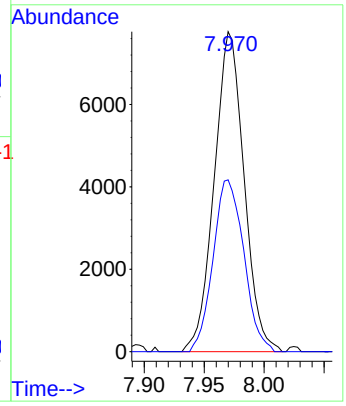


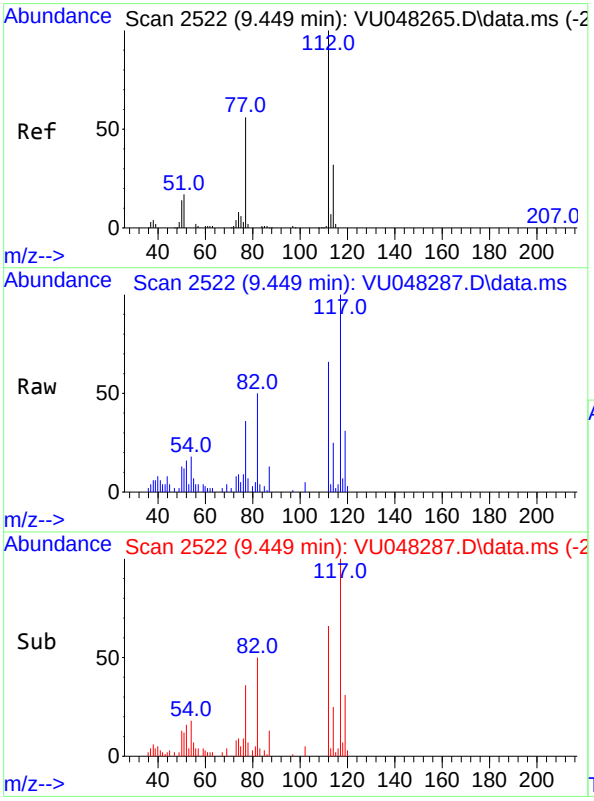
#42
Toluene
Concen: 1.139 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Instrument :
MSVOA_U
ClientSampleId :
EXES5

Tgt Ion: 91 Resp: 13436

Ion	Ratio	Lower	Upper
91	100		
92	53.7	40.9	76.0

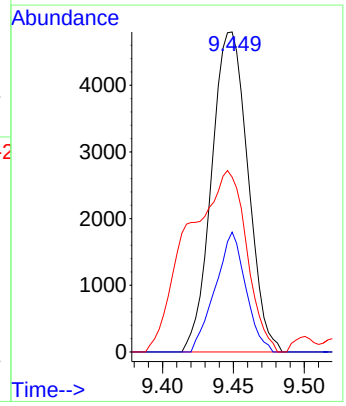


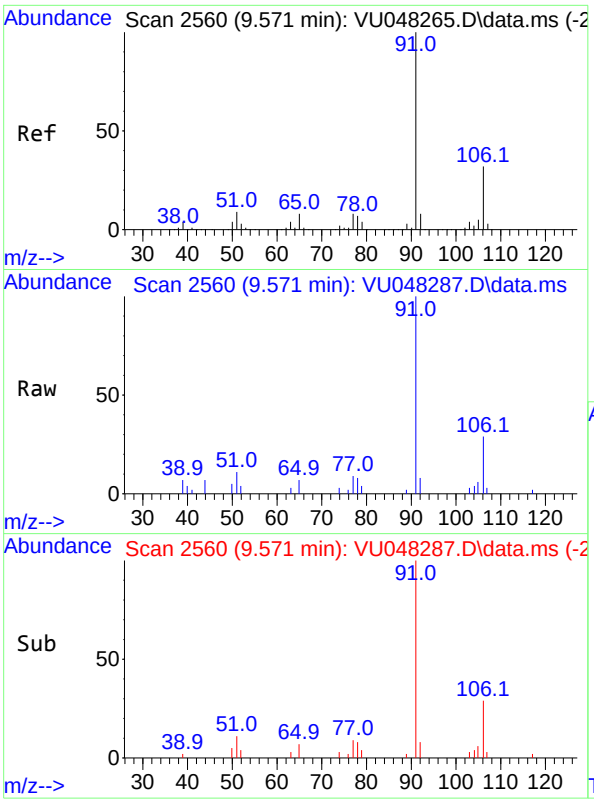


#51
Chlorobenzene
Concen: 1.004 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Tgt Ion:112 Resp: 8538

Ion	Ratio	Lower	Upper
112	100		
114	37.4	22.7	42.1
77	54.7	44.3	66.5



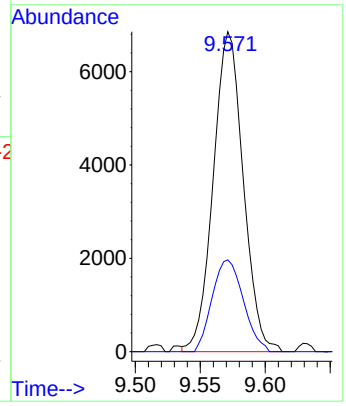


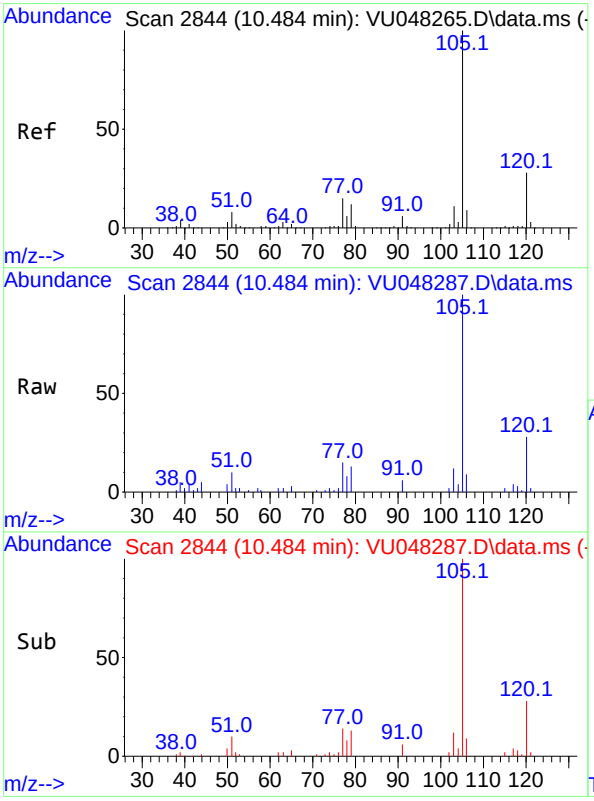
#52
Ethylbenzene
Concen: 0.901 ug/L
RT: 9.571 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Instrument :
MSVOA_U
ClientSampleId :
EXES5

Tgt Ion: 91 Resp: 10998

Ion	Ratio	Lower	Upper
91	100		
106	31.2	22.5	41.9





#61
Isopropylbenzene
Concen: 1.757 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Tgt Ion:105 Resp: 18642

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.7	32.5
77	16.3	11.7	17.5