Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045990.D
Acq On : 24 Nov 2021 13:27
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Quant Time: Nov 26 00:20:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 00:17:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93854	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19124	2.572	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 51.400%			
7) Chloroethane-d5	1.919	69	30362	5.609	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.200%			
11) 1,1-Dichloroethene-d2	2.572	65	13810	4.428	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.600%			
20) 2-Butanone-d5	4.658	46	158922	79.751	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 159.500%#			
24) Chloroform-d	5.067	84	79631	6.428	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 128.600%#			
26) 1,2-Dichloroethane-d4	5.707	65	47009	6.467	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 129.400%			
32) Benzene-d6	5.732	84	159705	6.270	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 125.400%#			
36) 1,2-Dichloropropane-d6	6.694	67	53086	6.613	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 132.200%			
41) Toluene-d8	7.899	98	139037	6.034	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.600%			
43) trans-1,3-Dichloroprop...	8.182	79	15478	4.750	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.000%			
46) 2-Hexanone-d5	8.636	63	116924	79.717	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 159.440%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49855	7.351	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 147.000%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	55941	7.384	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 147.600%#			
Target Compounds						Qvalue
30) Cyclohexane	5.391	56	7262	0.729	ug/L	99
33) Benzene	5.777	78	354449	13.733	ug/L	100
35) Methylcyclohexane	6.768	83	3824	0.374	ug/L	88
42) Toluene	7.973	91	22237	0.835	ug/L	100
48) 2-Hexanone	8.690	43	16375	5.088	ug/L #	91
52) Ethylbenzene	9.571	91	105454	3.781	ug/L	99
53) m,p-Xylene	9.700	106	4603	0.431	ug/L	96
60) Isopropylbenzene	10.488	105	6222	0.240	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	2240	0.106	ug/L	99

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

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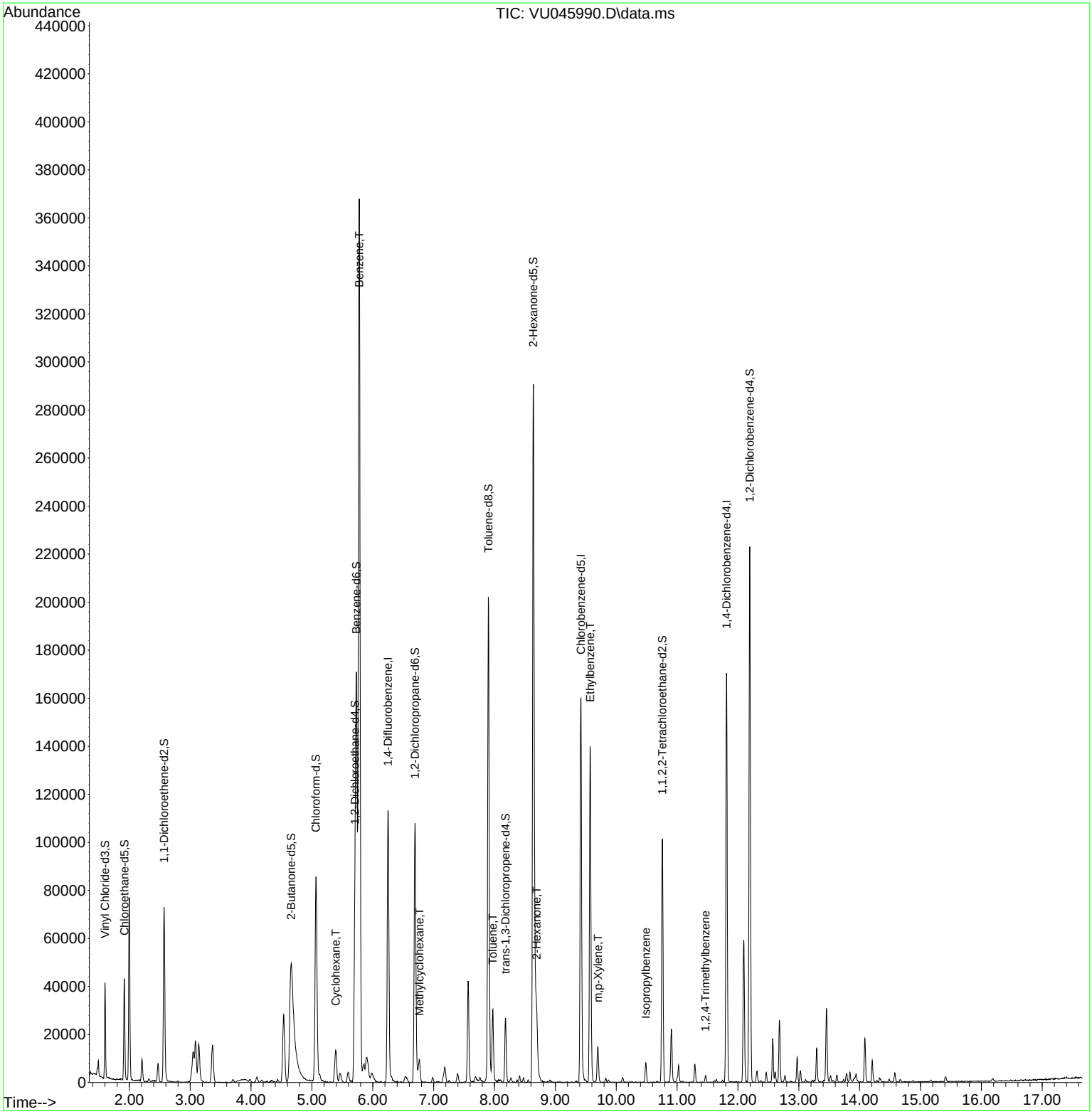
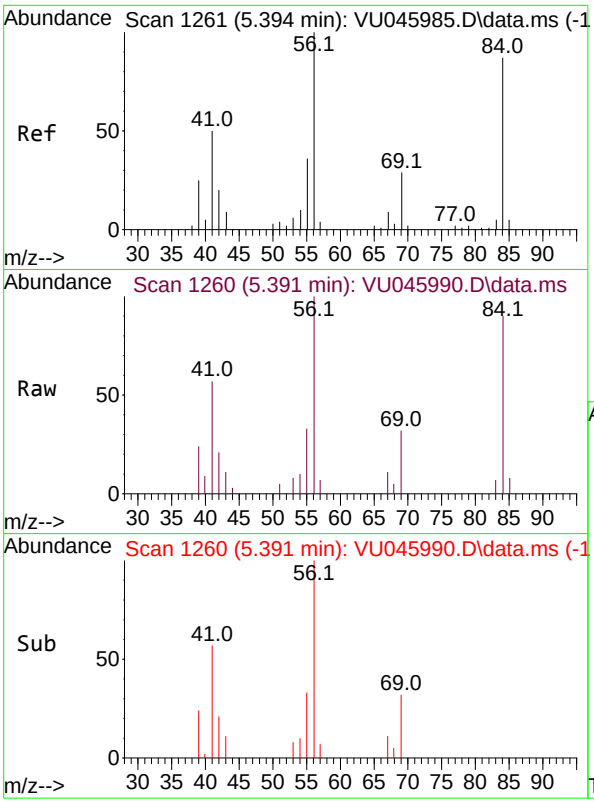


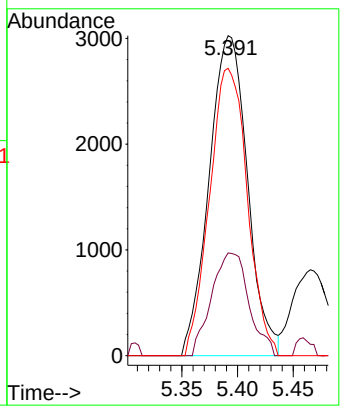


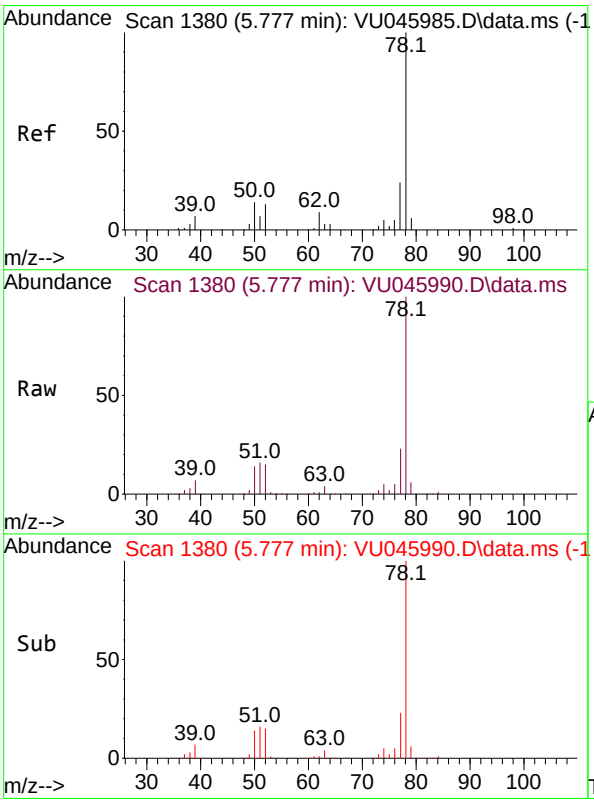
#30
Cyclohexane
Concen: 0.729 ug/L
RT: 5.391 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Tgt Ion: 56 Resp: 7262

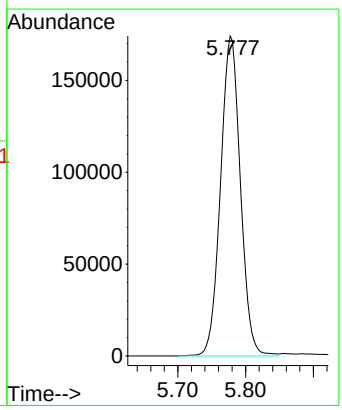
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.7	37.1
84	88.1	71.8	107.6

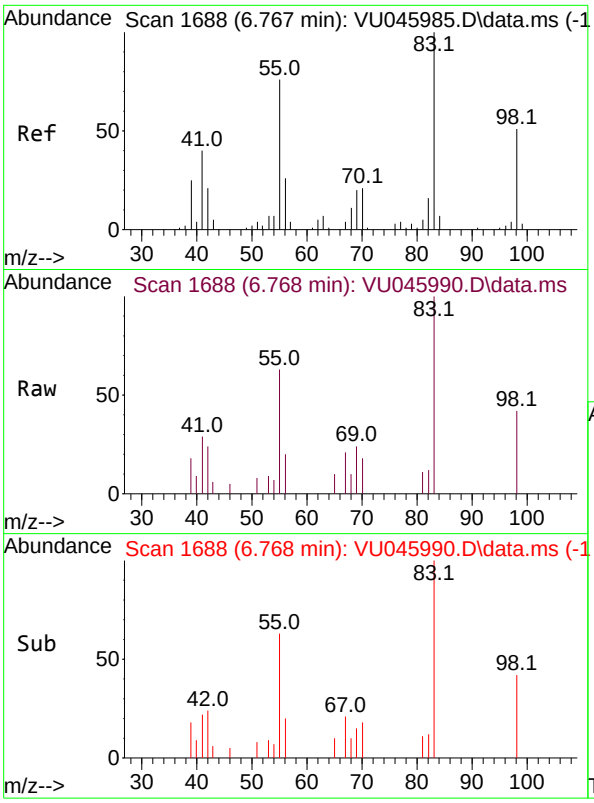




#33
Benzene
Concen: 13.733 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Tgt Ion: 78 Resp: 354449



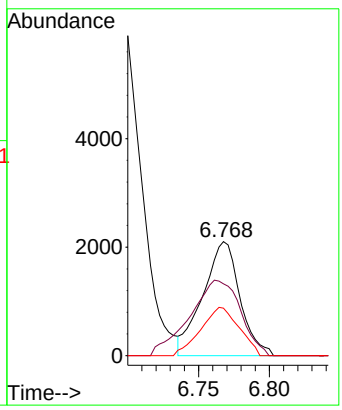


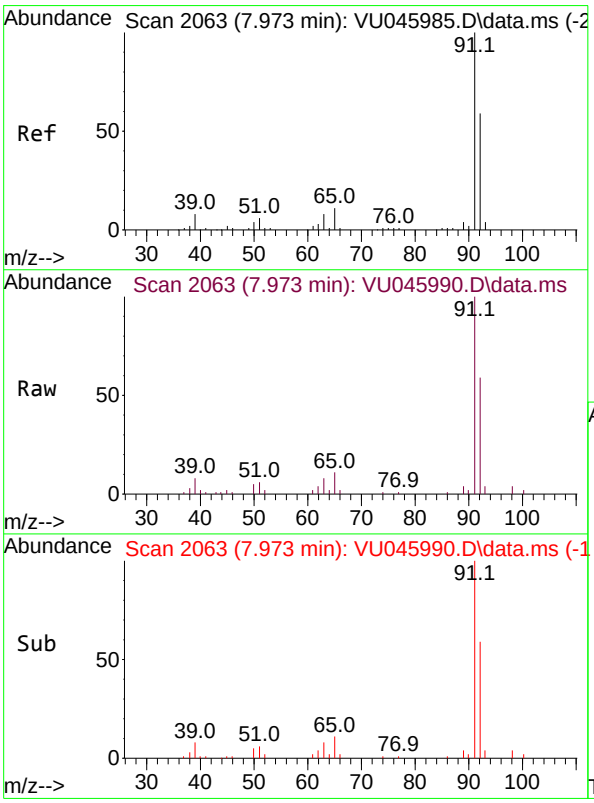
#35
Methylcyclohexane
Concen: 0.374 ug/L
RT: 6.768 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Tgt Ion: 83 Resp: 3824

Ion	Ratio	Lower	Upper
83	100		
55	90.7	61.9	92.9
98	43.8	39.0	58.6

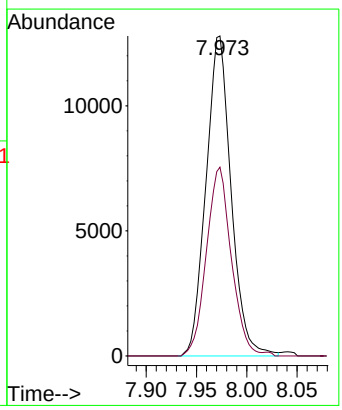


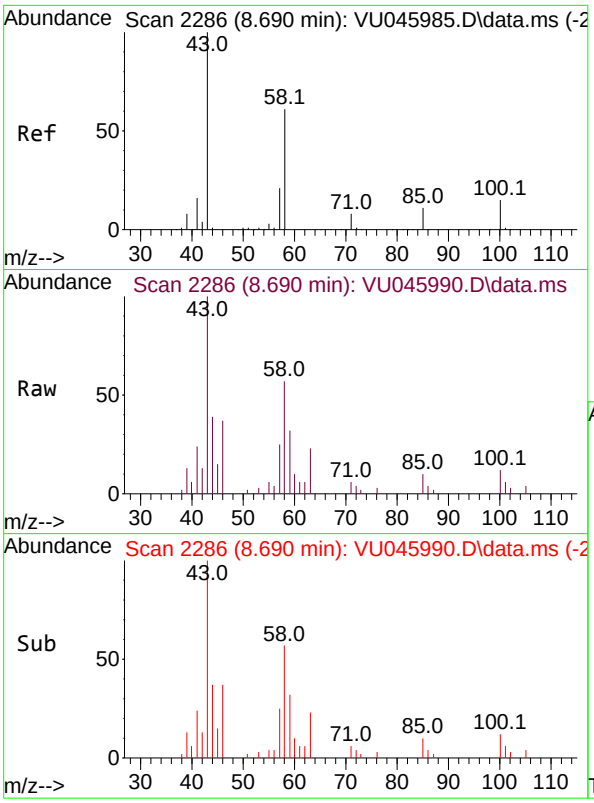


#42
Toluene
Concen: 0.835 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Tgt Ion: 91 Resp: 22237

Ion	Ratio	Lower	Upper
91	100		
92	59.0	41.3	76.7



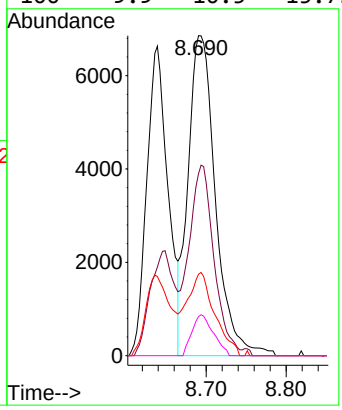


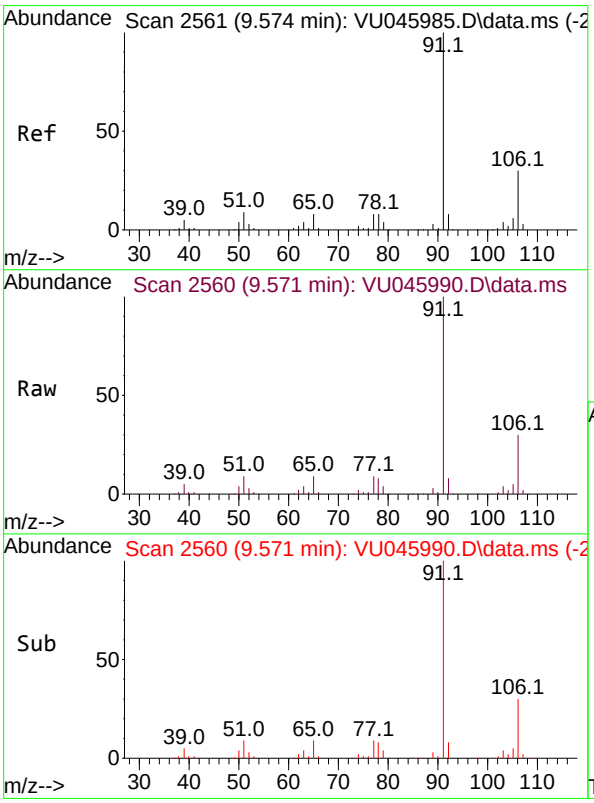
#48
2-Hexanone
Concen: 5.088 ug/L
RT: 8.690 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Tgt Ion: 43 Resp: 16375

Ion	Ratio	Lower	Upper
43	100		
58	52.5	46.7	70.1
57	26.6	16.3	24.5#
100	9.9	10.5	15.7#

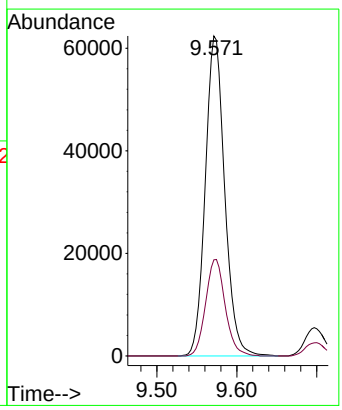


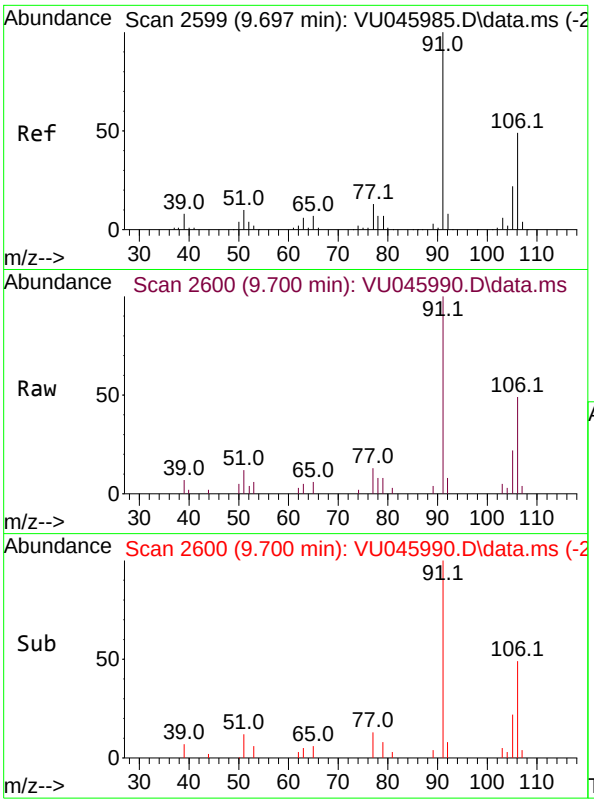


#52
Ethylbenzene
Concen: 3.781 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Tgt Ion: 91 Resp: 105454

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.5	39.9



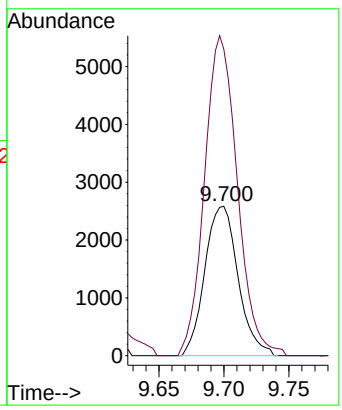


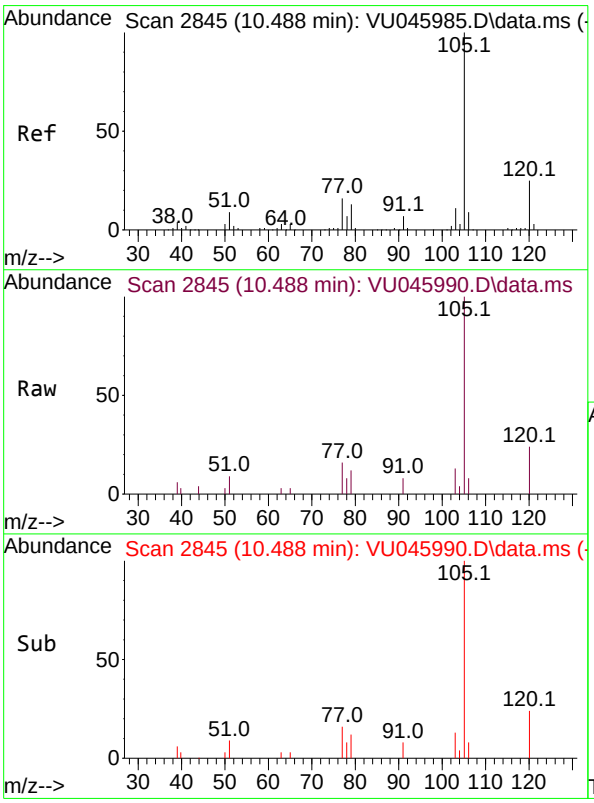
#53
m,p-Xylene
Concen: 0.431 ug/L
RT: 9.700 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Tgt Ion:106 Resp: 4603

Ion	Ratio	Lower	Upper
106	100		
91	205.2	139.4	259.0

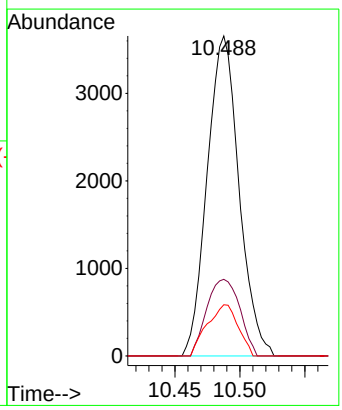


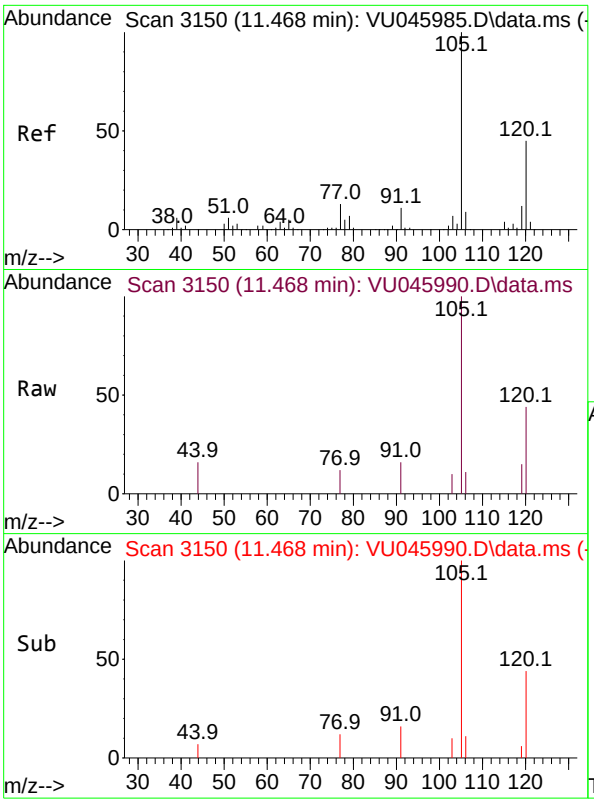


#60
Isopropylbenzene
Concen: 0.240 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Tgt Ion:105 Resp: 6222

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.7	31.1
77	15.5	12.6	19.0





#63
1,2,4-Trimethylbenzene
Concen: 0.106 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU045990.D
Acq: 24 Nov 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Tgt Ion:105 Resp: 2240

Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.8	53.8