Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071020\
Data File : VU039429.D
Acq On : 10 Jul 2020 14:57
Operator : SY/MD
Sample : L3261-07DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE506DL

Manual Integrations APPROVED
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7/13/2020 10:50:47 AM

Quant Time: Jul 11 03:19:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	101229	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	93944	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44873	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	22109	3.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.40%			
7) Chloroethane-d5	1.93	69	29019	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.58	63	36235	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	4.66	46	149773	55.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.58%			
24) Chloroform-d	5.09	84	60388	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.72	65	40357	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.74	84	115376	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.70	67	41153	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.91	98	98427	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	8.19	79	16637	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.64	63	111744	53.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.38%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39175	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	40043	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	1901	0.319	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	2410m	0.322	ug/L	
33) Benzene	5.79	78	165786	5.903	ug/L	100
42) Toluene	7.98	91	270558	8.996	ug/L	99
51) Chlorobenzene	9.45	112	23080	1.256	ug/L	97
52) Ethylbenzene	9.57	91	39071	1.175	ug/L	99
53) m,p-Xylene	9.69	106	35322	2.820	ug/L	93
54) o-Xylene	10.10	106	10995	0.902	ug/L	92
56) Isopropylbenzene	10.49	105	6616	0.201	ug/L	98
63) 1,4-Dichlorobenzene	11.84	146	1252	0.089	ug/L	90
65) 1,2-Dichlorobenzene	12.21	146	1674	0.119	ug/L	91

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

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Data File : VU039429.D
Acq On : 10 Jul 2020 14:57
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 11 03:19:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BE506DL

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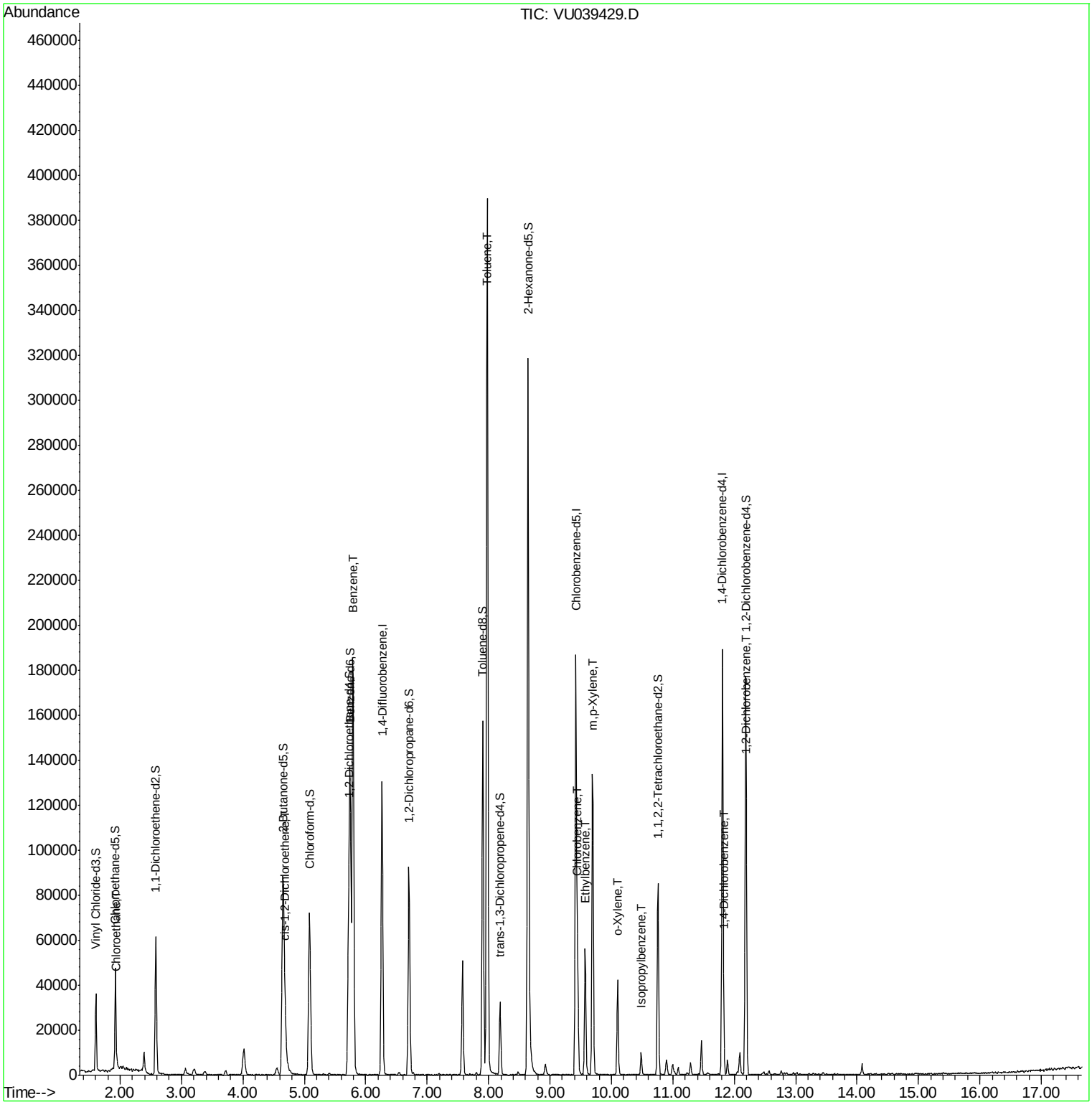
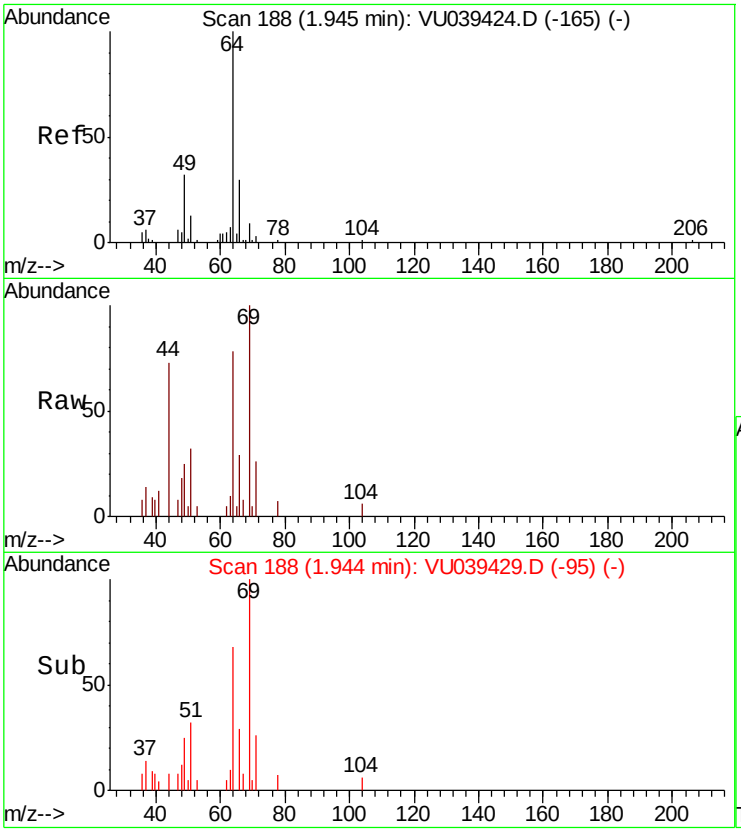
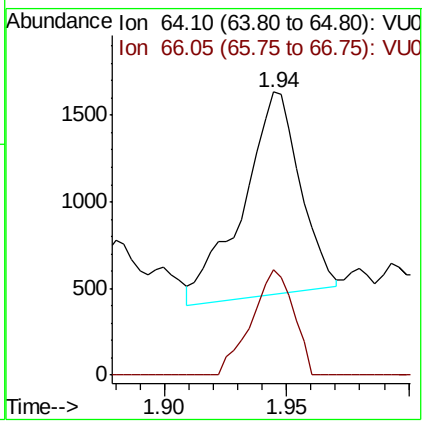




#8
Chloroethane
Concen: 0.319 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion: 64 Resp: 1901

Ion	Ratio	Lower	Upper
64	100		
66	37.1	23.5	43.7



Instrument :
MSVOA_U
ClientSampleId :
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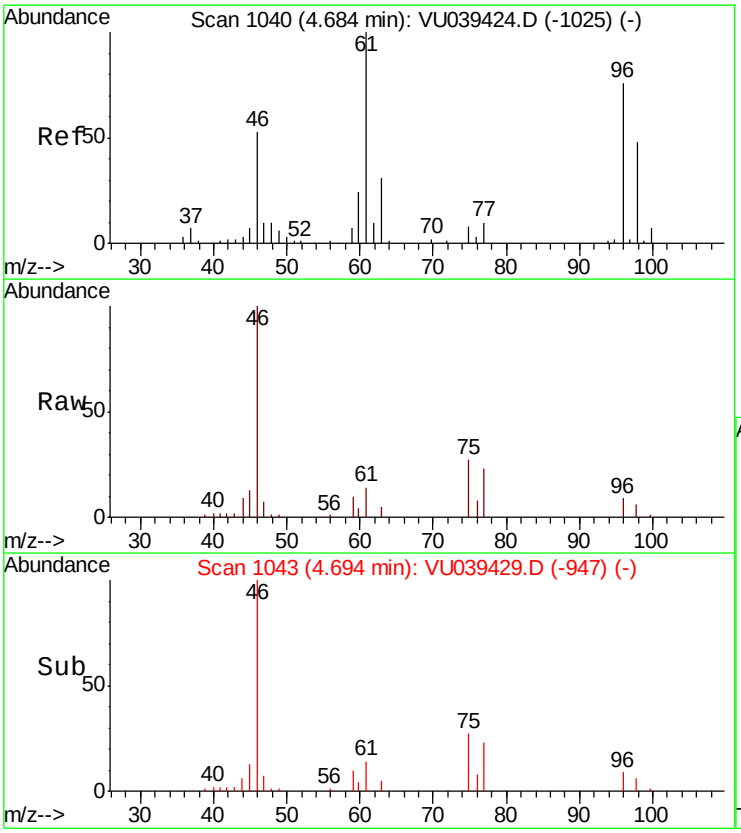
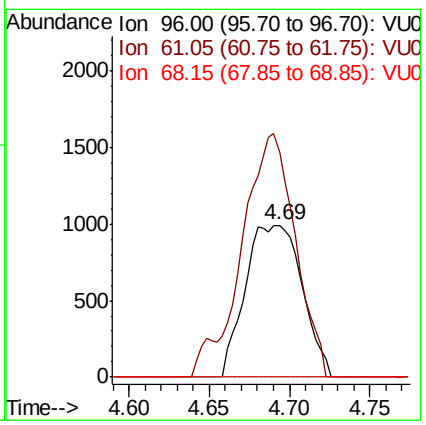
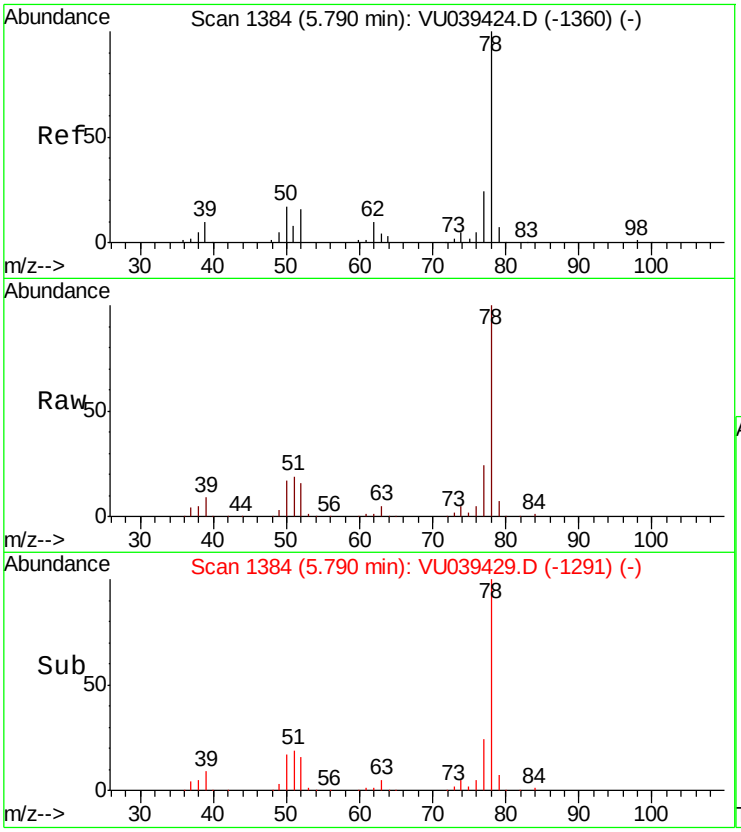


#22
cis-1,2-Dichloroethene
Concen: 0.322 ug/L m
RT: 4.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion: 96 Resp: 2410

Ion	Ratio	Lower	Upper
96	100		
61	147.8	92.8	172.4
68	0.0	0.0	0.0





#33
Benzene
Concen: 5.903 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion: 78 Resp: 165786

Instrument :
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ClientSampleId :
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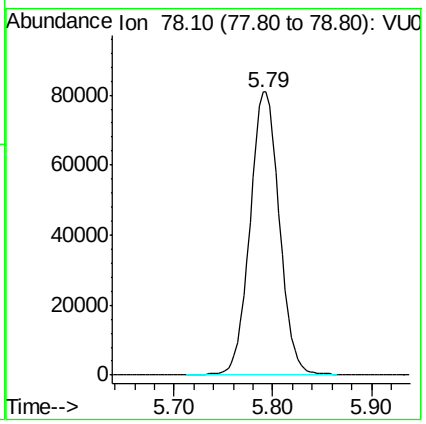
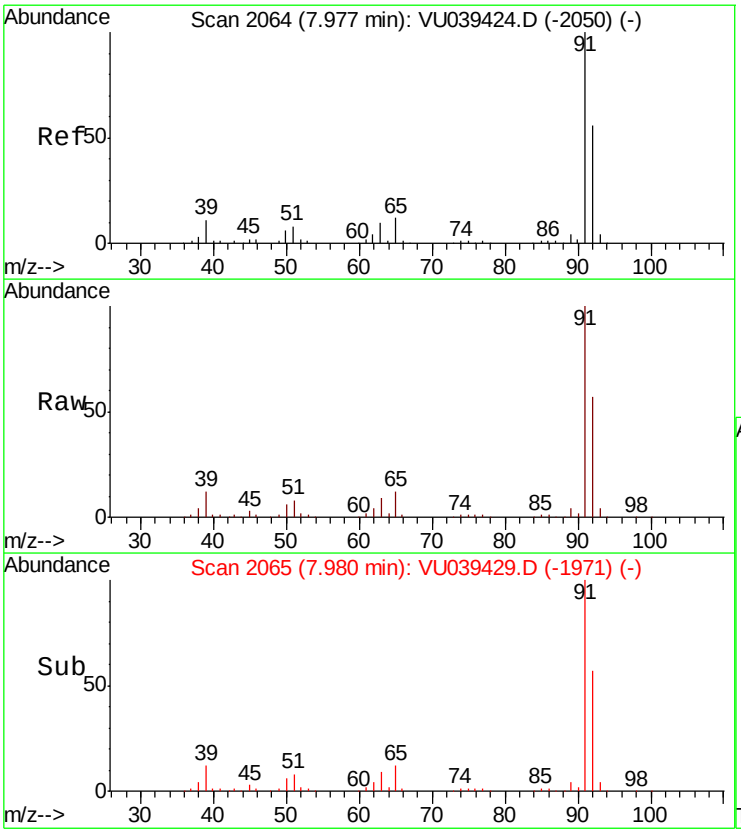
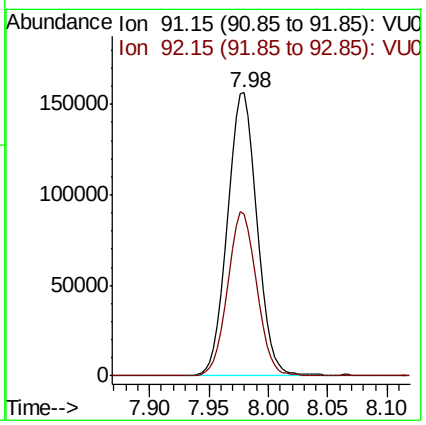


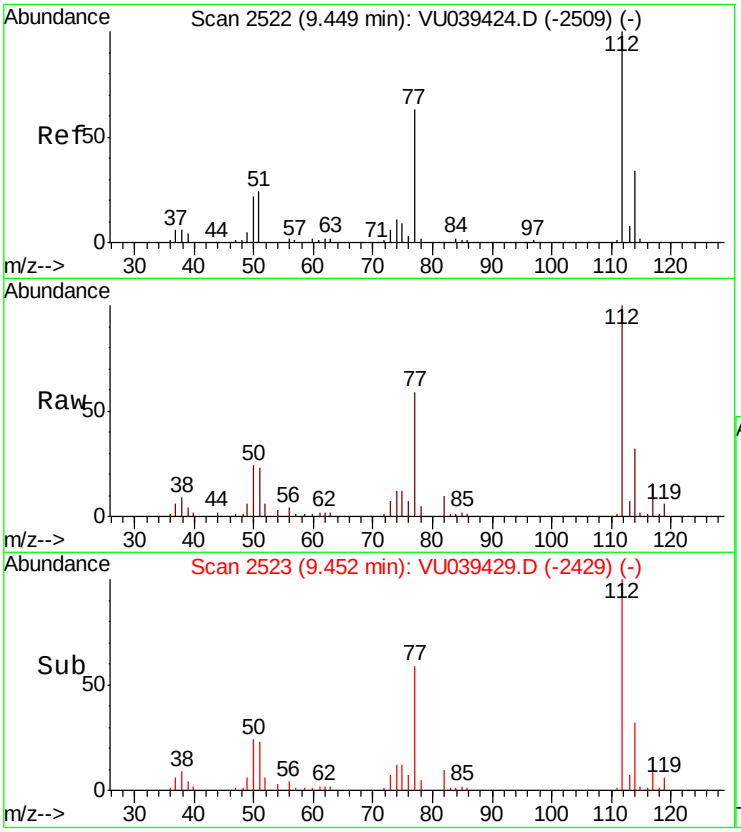


#42
Toluene
Concen: 8.996 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion: 91 Resp: 270558

Ion	Ratio	Lower	Upper
91	100		
92	57.2	39.3	73.1

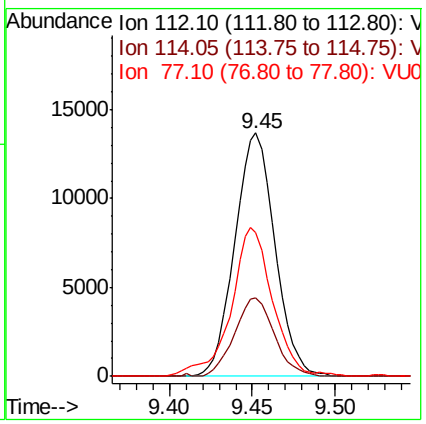




#51
Chlorobenzene
Concen: 1.256 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion:112 Resp: 23080

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.1	41.1
77	58.9	49.9	74.9



Instrument :
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ClientSampleId :
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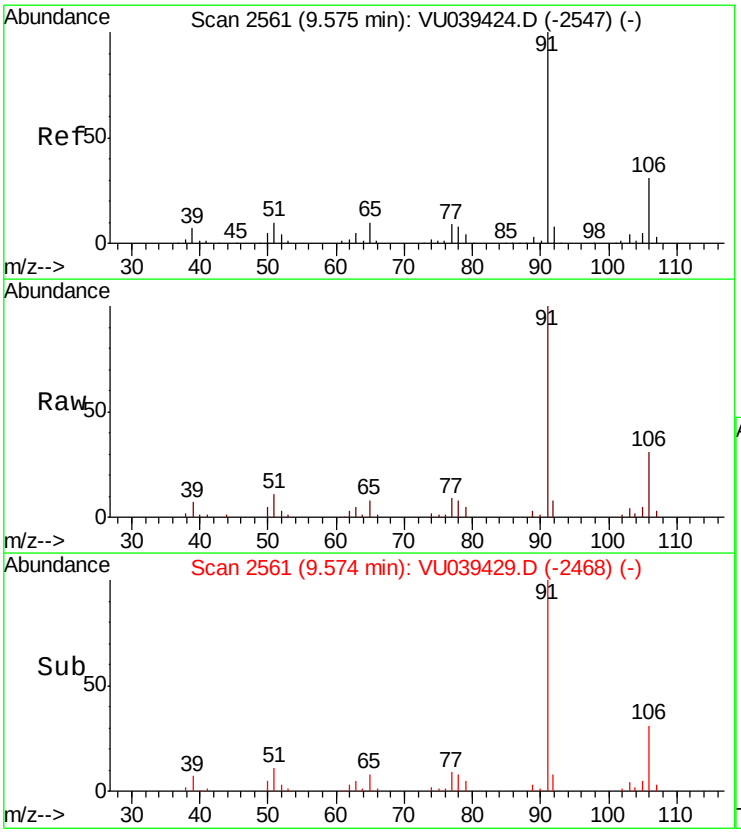
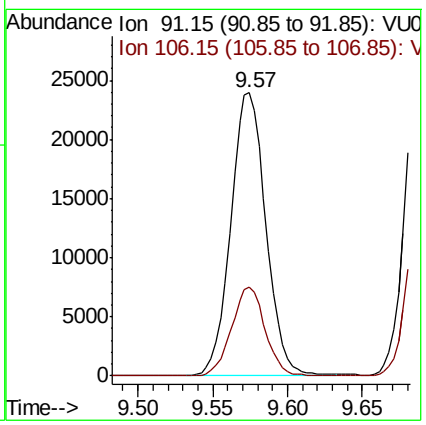
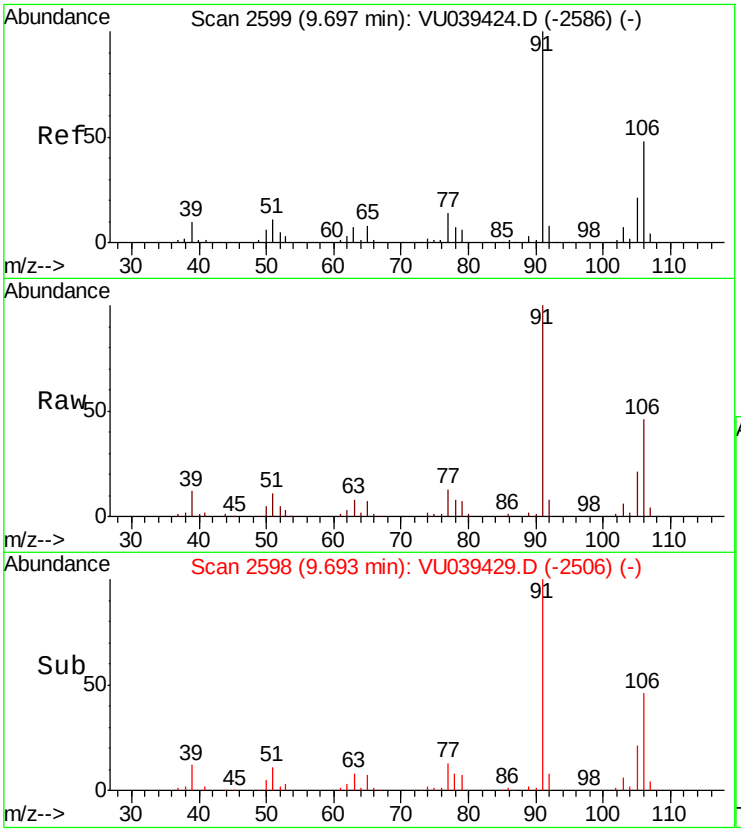


#52
Ethylbenzene
Concen: 1.175 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion: 91 Resp: 39071

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.3	39.6





#53
m,p-Xylene
Concen: 2.820 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion:106 Resp: 35322

Ion	Ratio	Lower	Upper
106	100		
91	216.5	144.0	267.4

Instrument :
MSVOA_U
ClientSampleId :
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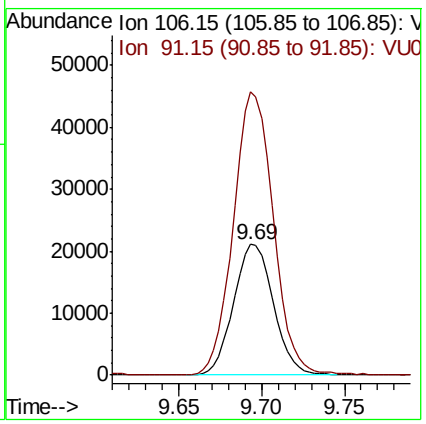
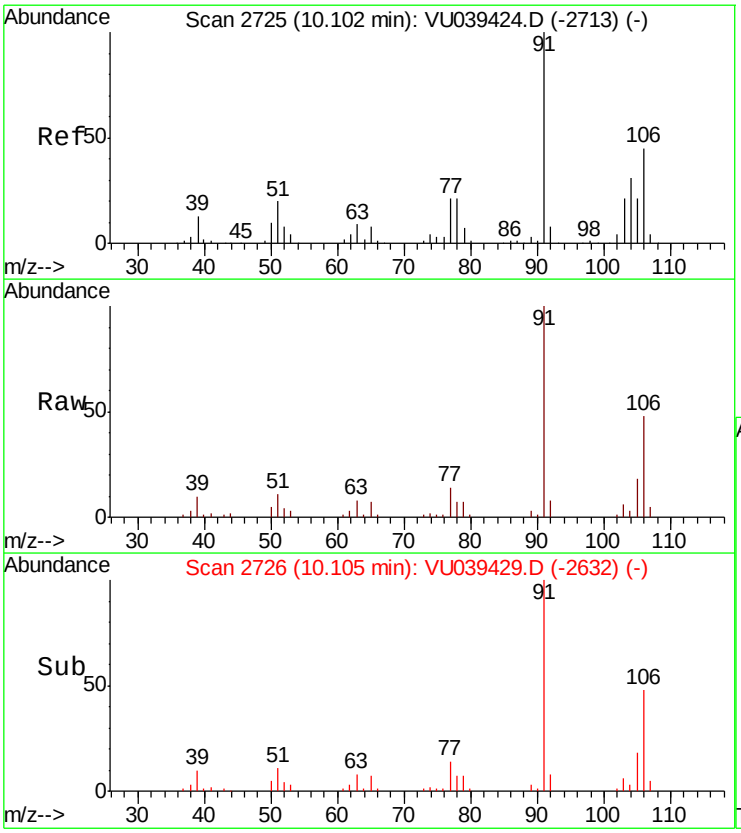
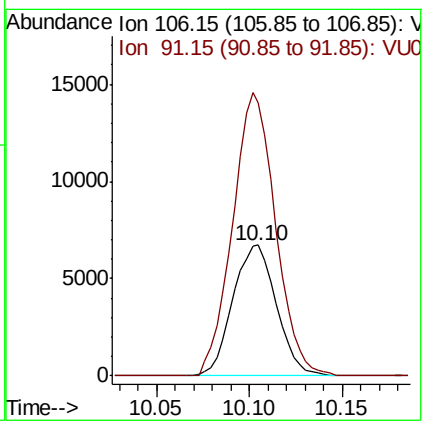


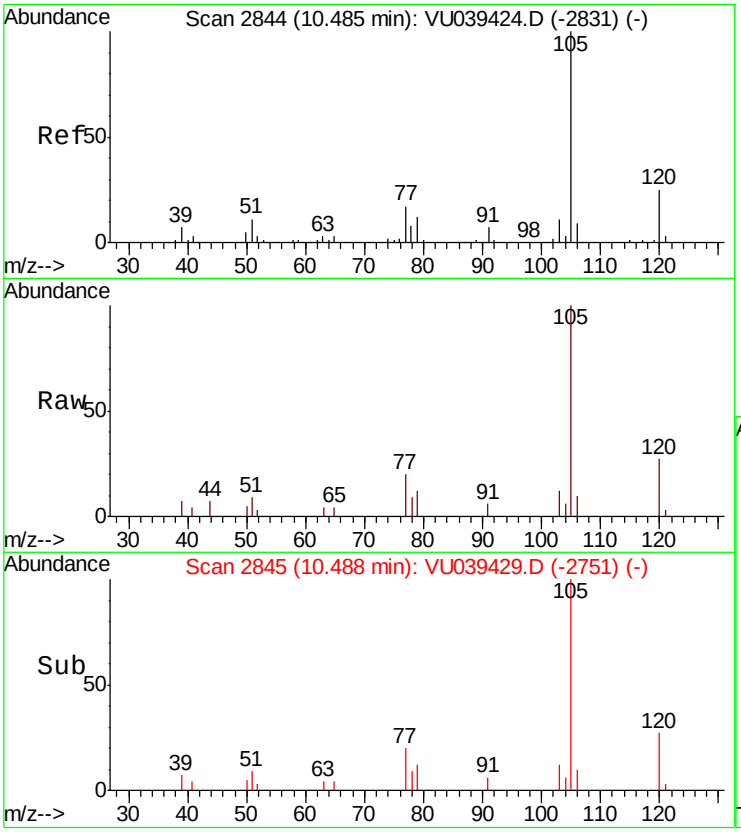


#54
o-Xylene
Concen: 0.902 ug/L
RT: 10.10 min Scan# 2726
Delta R.T. 0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion:106 Resp: 10995

Ion	Ratio	Lower	Upper
106	100		
91	208.6	154.6	287.2

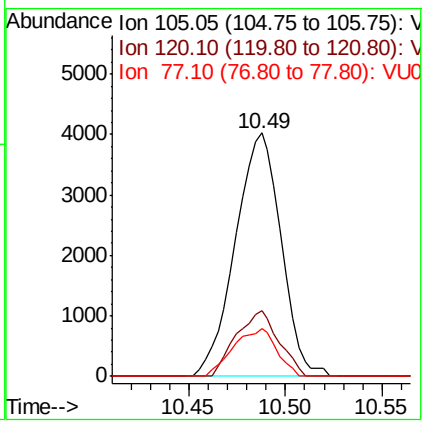




#56
Isopropylbenzene
Concen: 0.201 ug/L
RT: 10.49 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion:105 Resp: 6616

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.7	31.1
77	18.6	13.9	20.9



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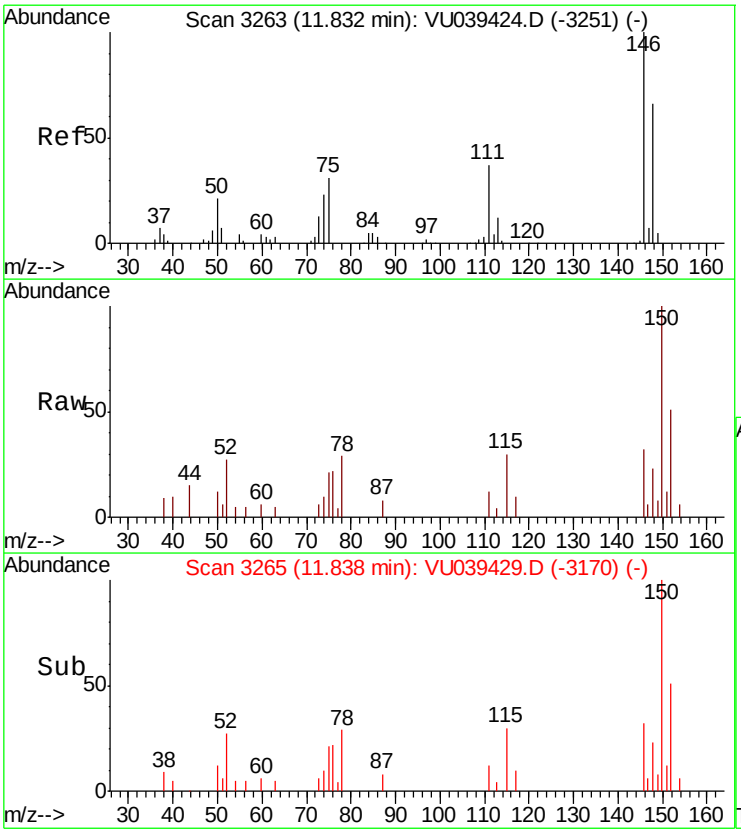
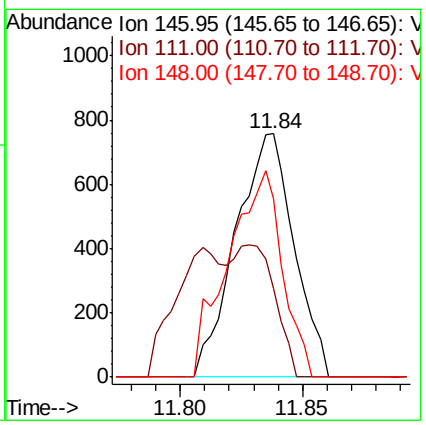
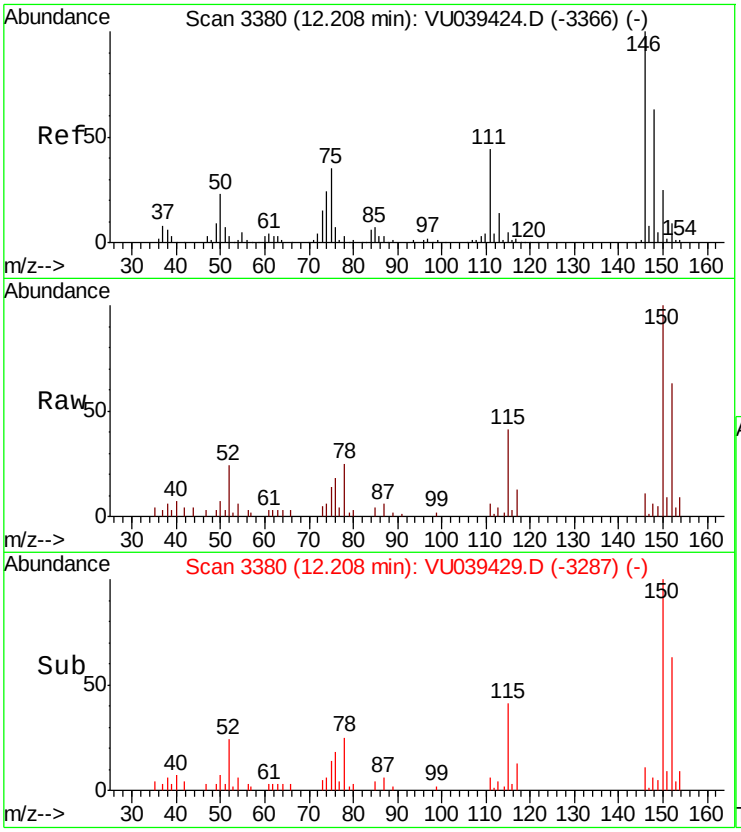


#63
1,4-Dichlorobenzene
Concen: 0.089 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.01 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion:146 Resp: 1252

Ion	Ratio	Lower	Upper
146	100		
111	36.3	28.6	53.0
148	73.1	45.0	83.6

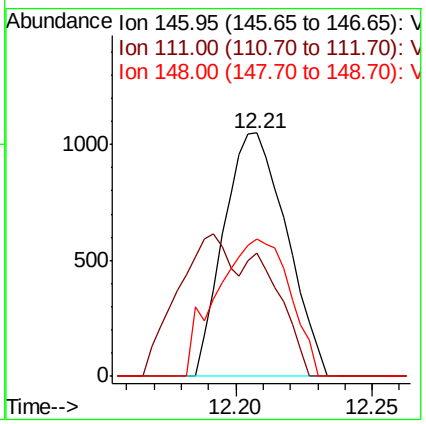




#65
1,2-Dichlorobenzene
Concen: 0.119 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. -0.00 min
Lab File: VU039429.D
Acq: 10 Jul 2020 14:57

Tgt Ion:146 Resp: 1674

Ion	Ratio	Lower	Upper
146	100		
111	50.7	35.0	52.4
148	56.6	50.6	75.8



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