Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040437.D
Acq On : 01 Oct 2020 22:14
Operator : SY/MD
Sample : L4240-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3R6

Manual Integrations APPROVED
MMDadoda
10/2/2020 5:54:35 PM

Quant Time: Oct 02 06:03:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125878	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	129879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68317	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23571	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.92	69	24662	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.58	63	40323	2.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.80%#			
20) 2-Butanone-d5	4.66	46	179602	58.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.04%			
24) Chloroform-d	5.09	84	69407	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	43700	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.75	84	116802	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.70	67	44335	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.91	98	90405	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	8.19	79	16171	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.64	63	117766	51.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.72%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43873	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51103	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2029	0.167	ug/L #	77
14) Carbon disulfide	2.81	76	2312	0.076	ug/L	99
19) 1,1-Dichloroethane	3.88	63	2175	0.107	ug/L	95
30) Cyclohexane	5.41	56	23648	1.288	ug/L	98
33) Benzene	5.79	78	222674	5.114	ug/L	100
42) Toluene	7.97	91	7523	0.168	ug/L	96
51) Chlorobenzene	9.45	112	18793153m	650.983	ug/L	
52) Ethylbenzene	9.57	91	303806	6.270	ug/L	100
53) m,p-Xylene	9.69	106	93762	5.194	ug/L	97
54) o-Xylene	10.10	106	16767	0.987	ug/L	97
56) Isopropylbenzene	10.48	105	57614	1.257	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	353948	15.649	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	487981	20.742	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	28198	1.282	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	56226	4.334	ug/L	98

Quantitation Report (LSC Reviewed)

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Data File : VU040437.D
Acq On : 01 Oct 2020 22:14
Operator : SY/MD
Sample : L4240-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3R6

Manual Integrations APPROVED
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10/2/2020 5:54:35 PM

Quant Time: Oct 02 06:03:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

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MSVOA_U
ClientSampleId :
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Manual Integrations APPROVED
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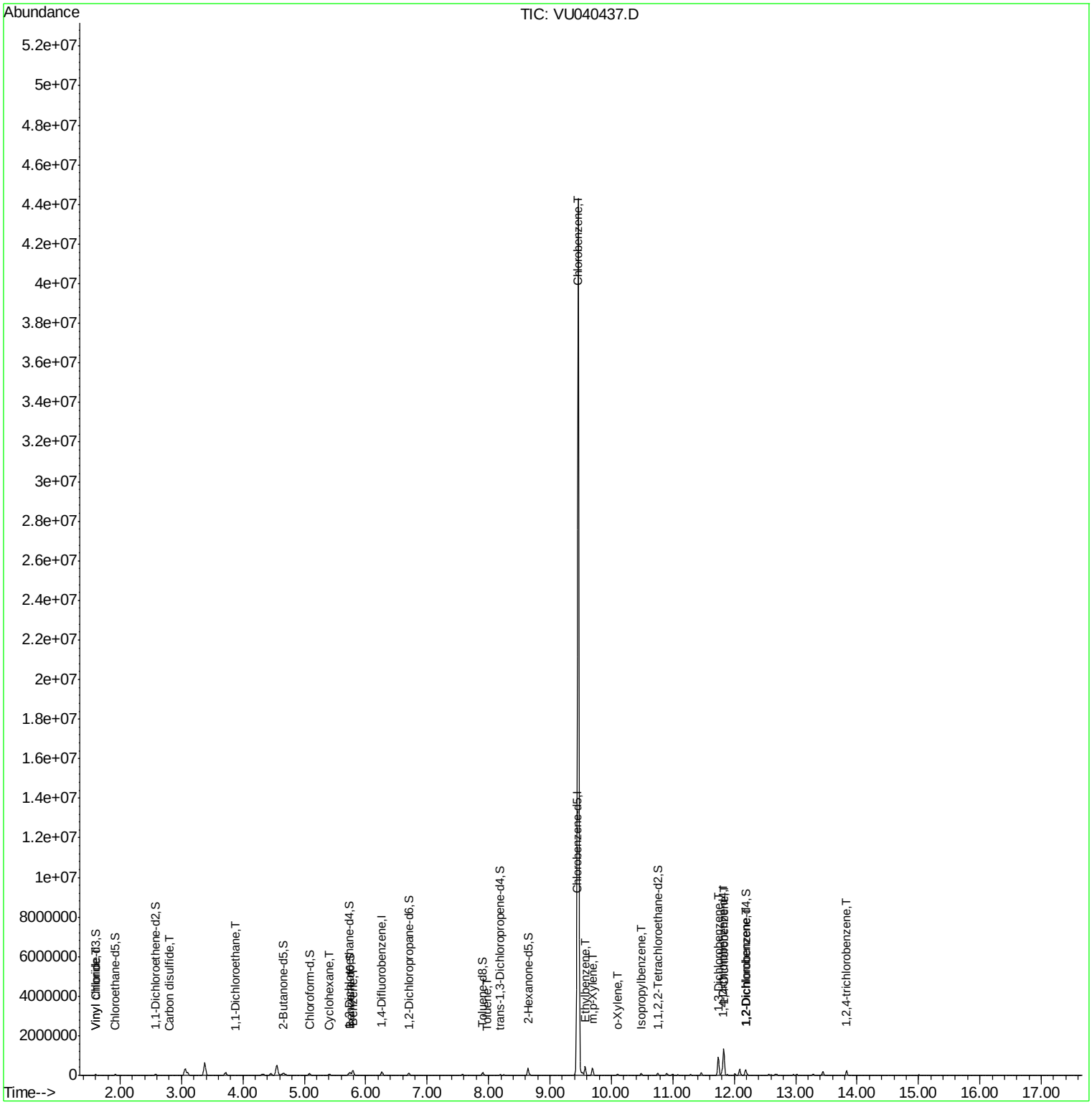
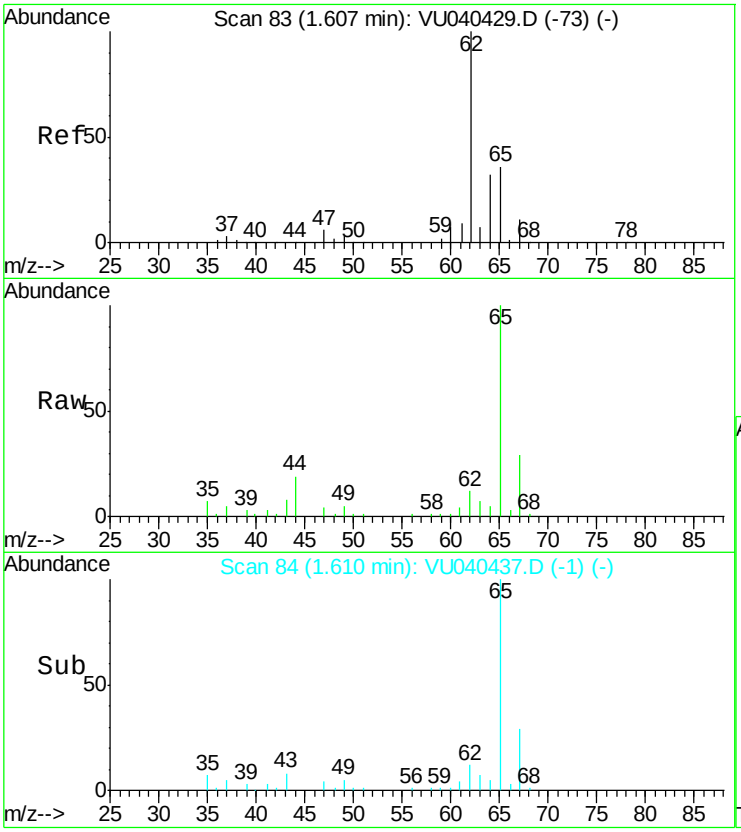
10/2/2020 5:54:35 PM





#5
Vinyl chloride
Concen: 0.167 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion: 62 Resp: 2029

Ion	Ratio	Lower	Upper
62	100		
64	46.2	23.0	42.8#

Instrument :
MSVOA_U
ClientSampleId :
BG3R6

Manual Integrations APPROVED
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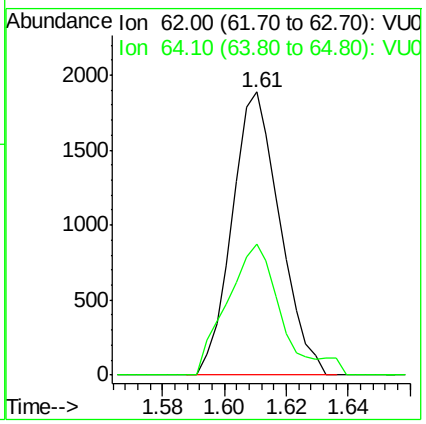
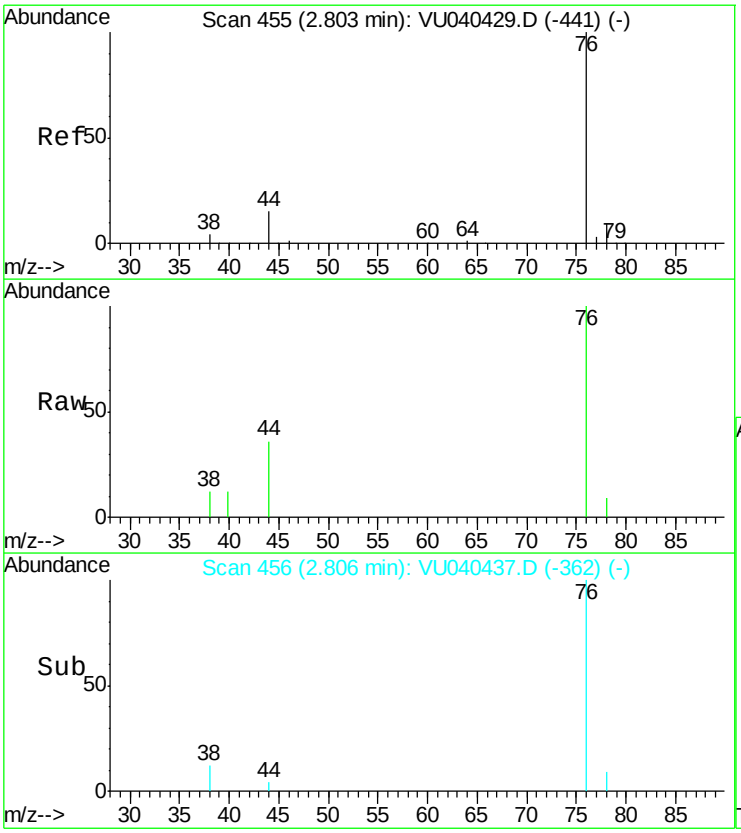
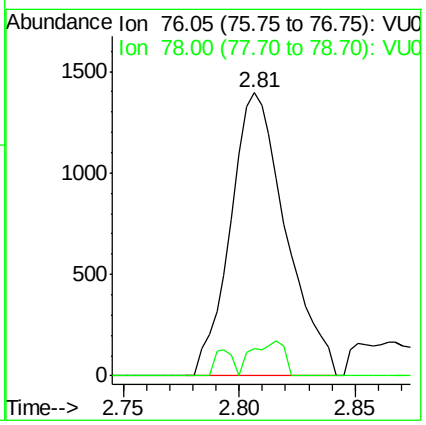


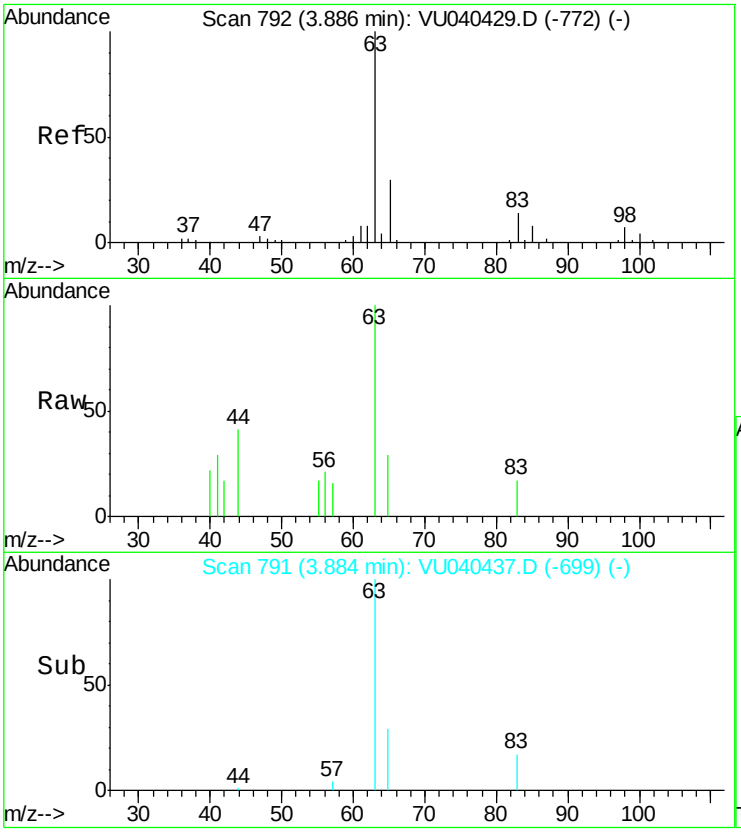


#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion: 76 Resp: 2312

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

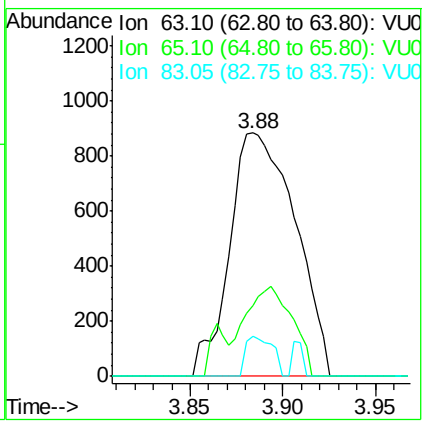




#19
1,1-Dichloroethane
Concen: 0.107 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion: 63 Resp: 2175

Ion	Ratio	Lower	Upper
63	100		
65	29.3	21.7	40.3
83	16.5	9.1	16.9



Instrument :
MSVOA_U
ClientSampleId :
BG3R6

Manual Integrations APPROVED
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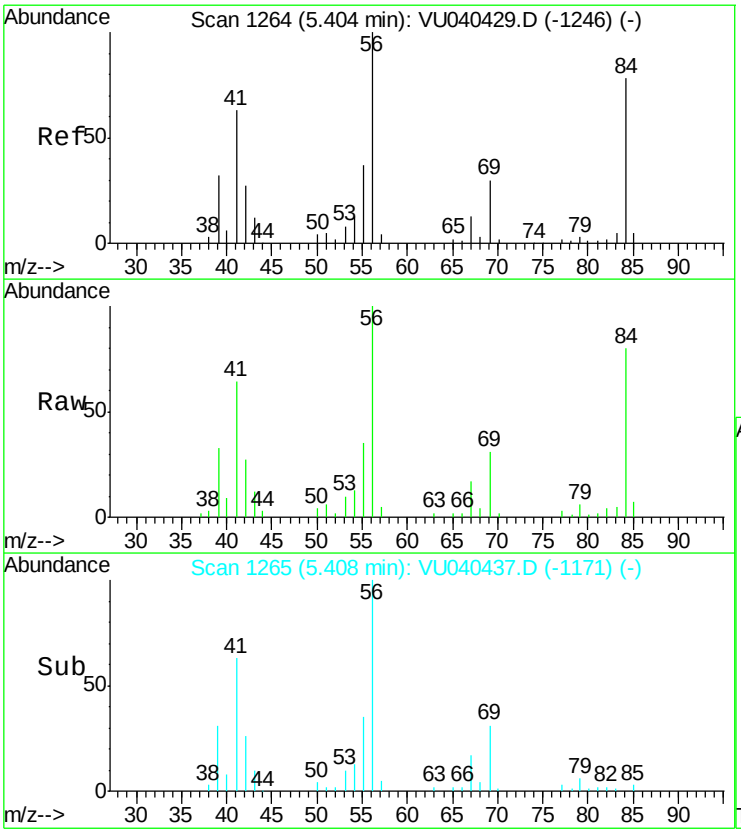
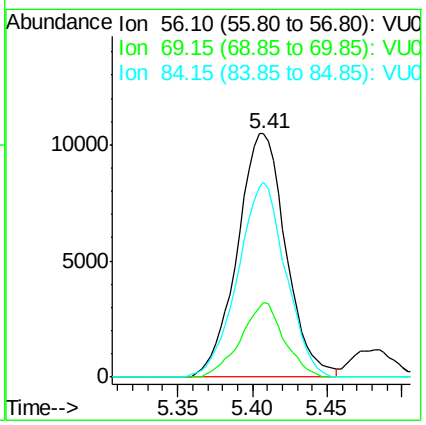
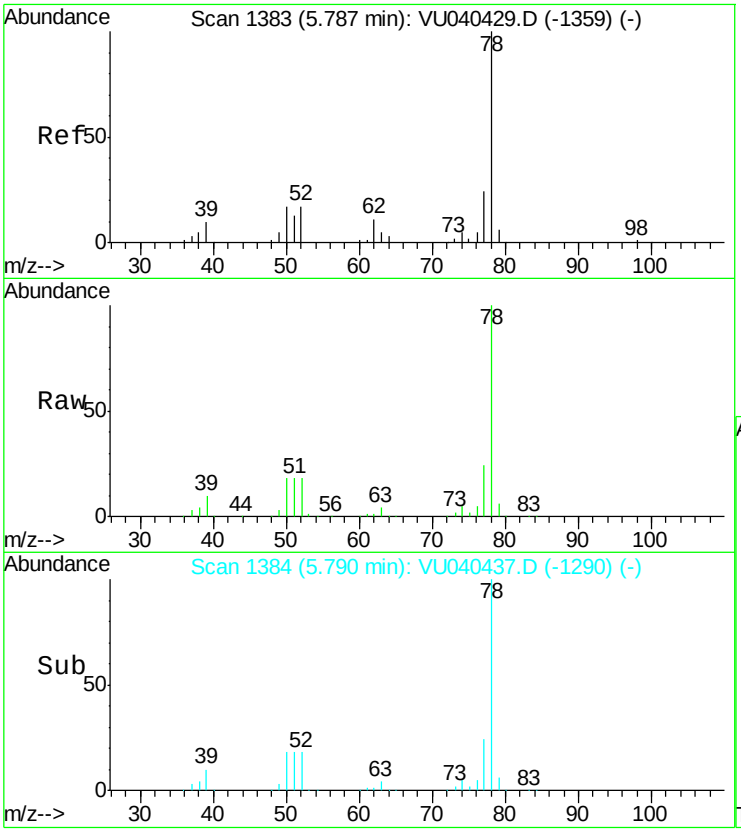


#30
Cyclohexane
Concen: 1.288 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion: 56 Resp: 23648

Ion	Ratio	Lower	Upper
56	100		
69	27.2	23.3	34.9
84	78.8	64.2	96.4





#33
Benzene
Concen: 5.114 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion: 78 Resp: 222674

Instrument :
MSVOA_U
ClientSampleId :
BG3R6

Manual Integrations APPROVED
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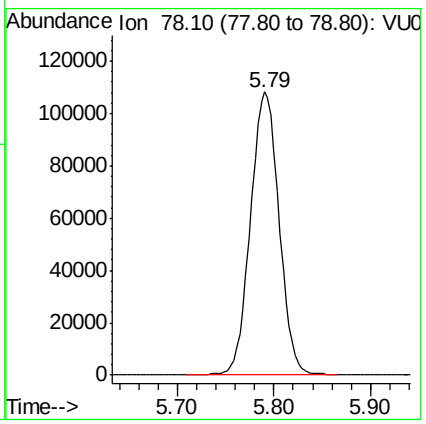
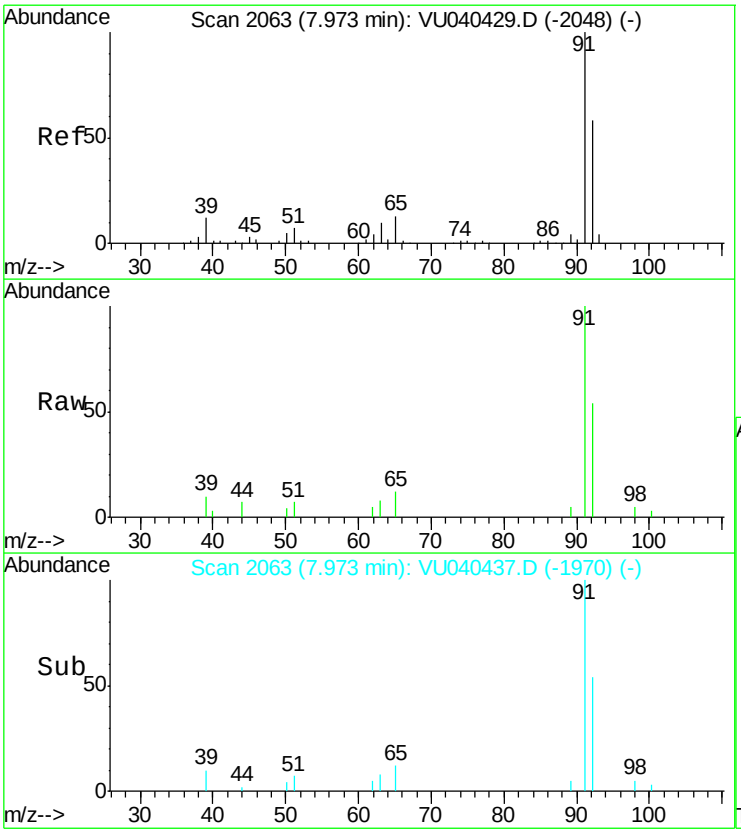
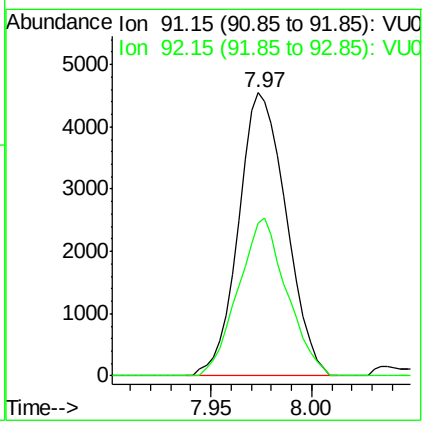


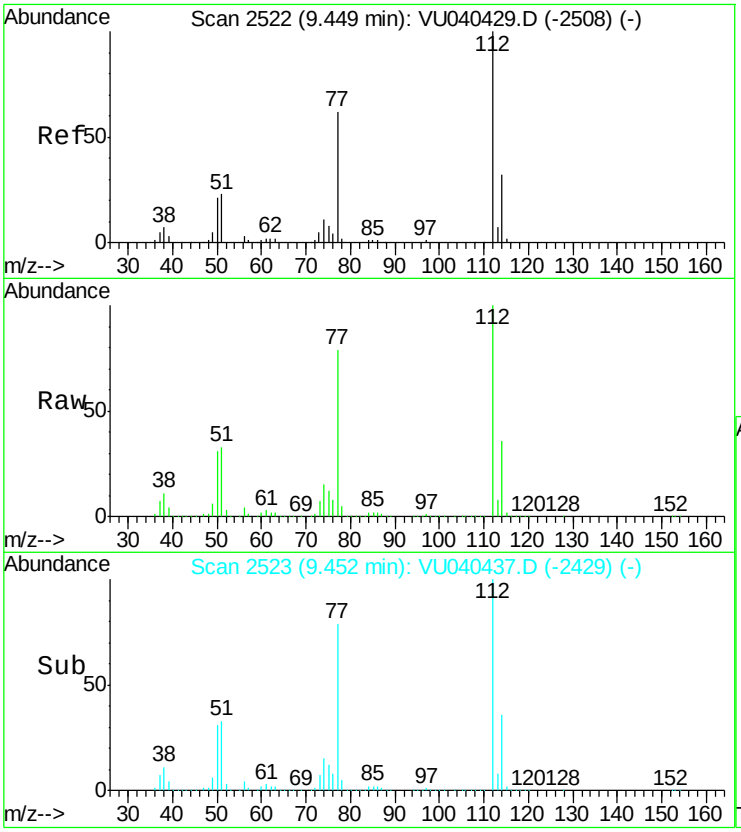


#42
Toluene
Concen: 0.168 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion: 91 Resp: 7523

Ion	Ratio	Lower	Upper
91	100		
92	53.9	40.0	74.4

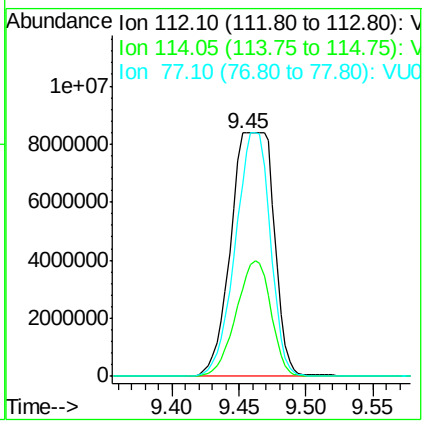




#51
Chlorobenzene
Concen: 650.983 ug/L m
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:112 Resp:18793153

Ion	Ratio	Lower	Upper
112	100		
114	35.8	22.0	40.8
77	79.2	49.5	74.3#



Instrument :
MSVOA_U
ClientSampleId :
BG3R6

Manual Integrations APPROVED
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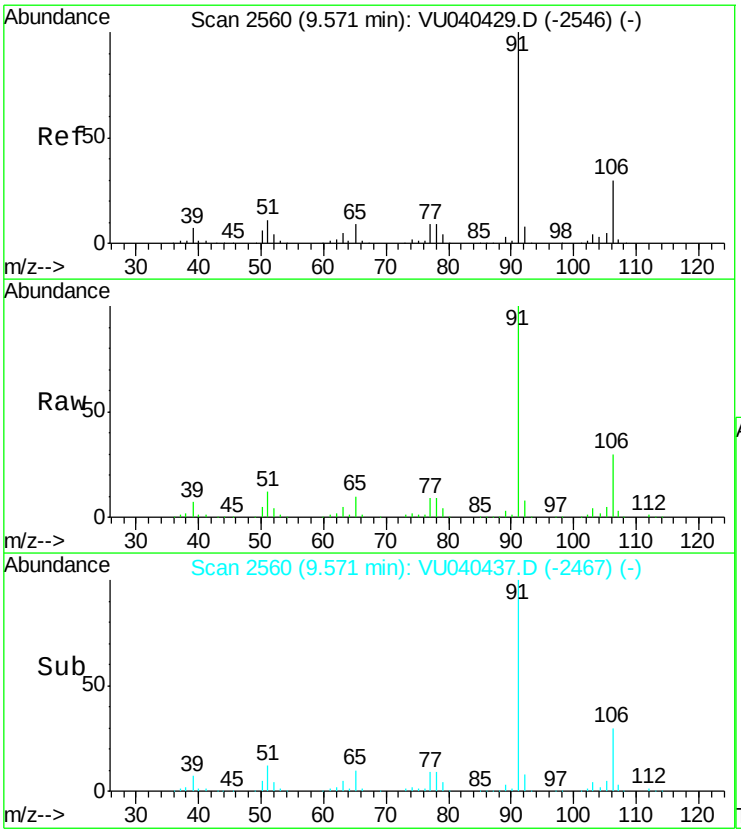
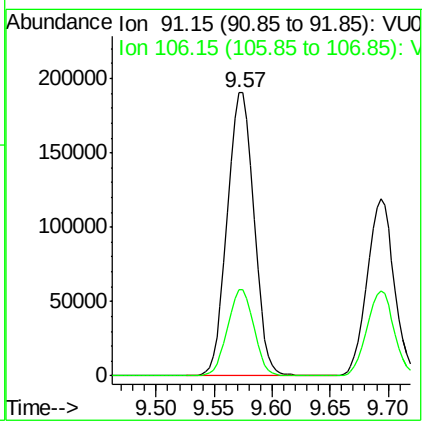
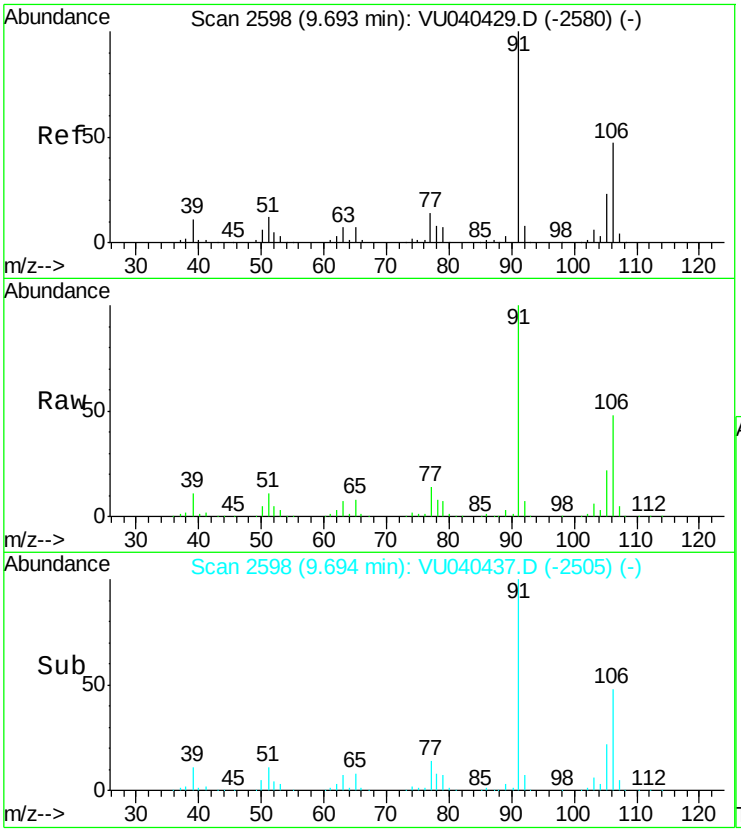


#52
Ethylbenzene
Concen: 6.270 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion: 91 Resp: 303806

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.1	39.3

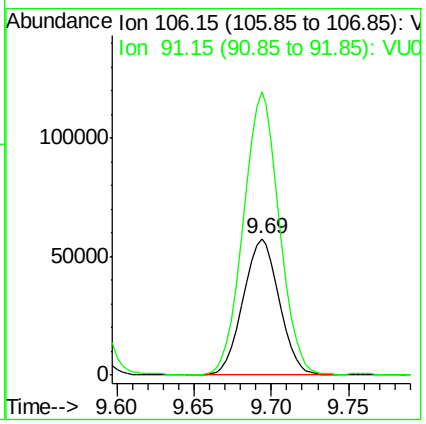




#53
m,p-Xylene
Concen: 5.194 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:106 Resp: 93762

Ion	Ratio	Lower	Upper
106	100		
91	207.7	149.0	276.6



Instrument :
MSVOA_U
ClientSampleId :
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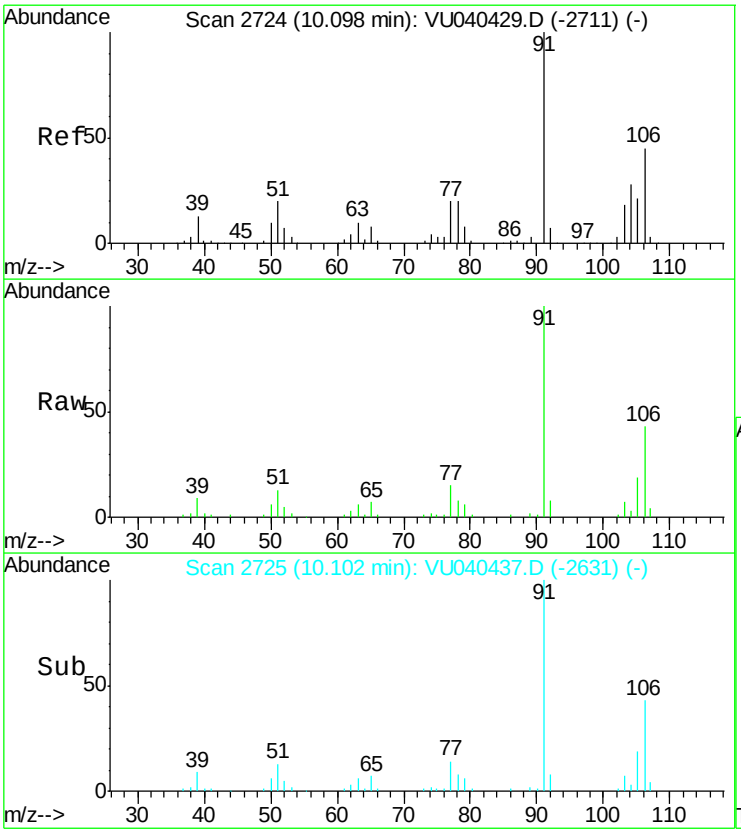
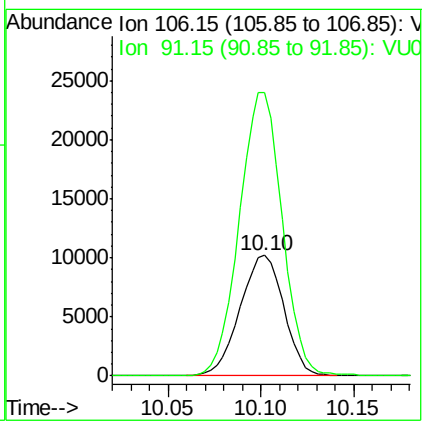
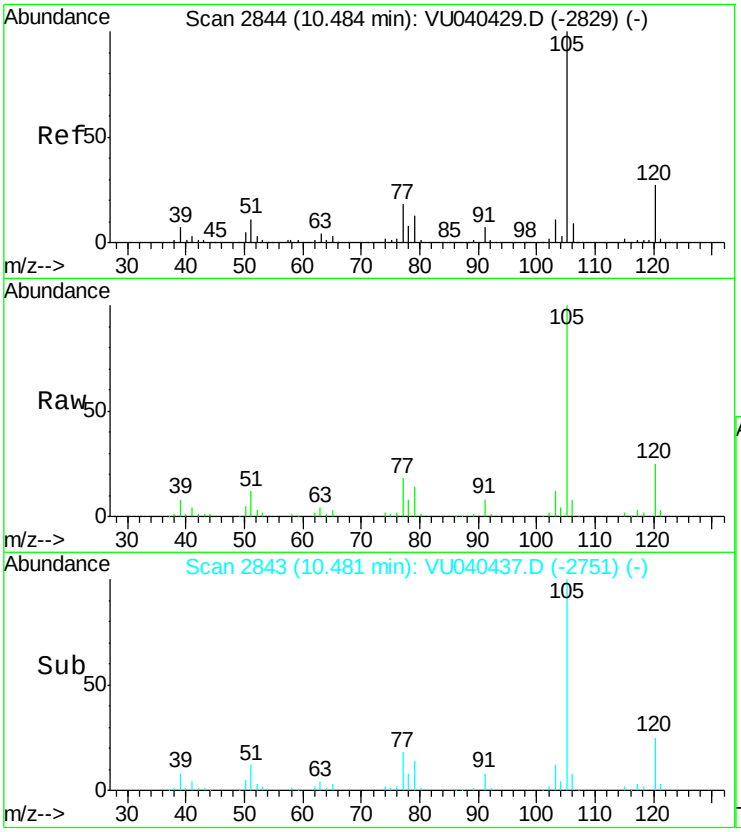


#54
o-Xylene
Concen: 0.987 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:106 Resp: 16767

Ion	Ratio	Lower	Upper
106	100		
91	234.5	160.9	298.9

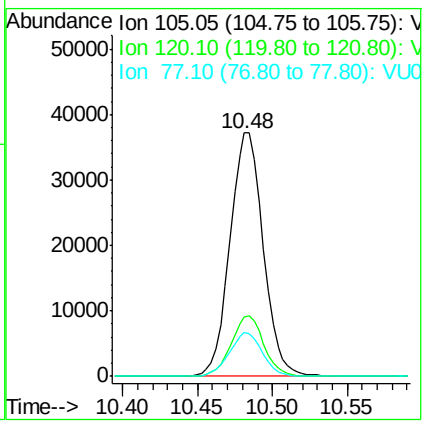




#56
Isopropylbenzene
Concen: 1.257 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:105 Resp: 57614

Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.6	30.8
77	18.0	14.3	21.5



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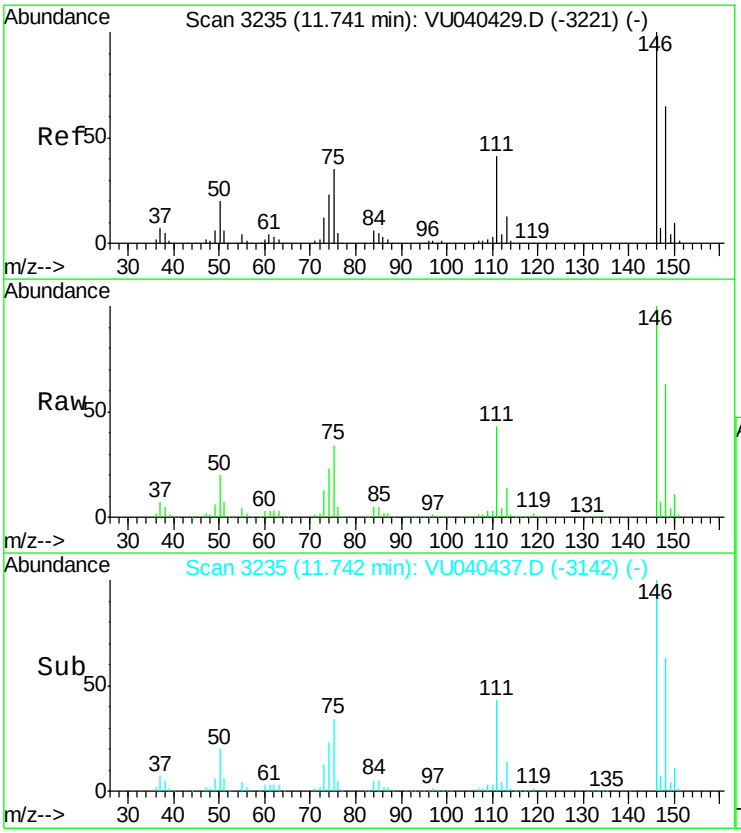
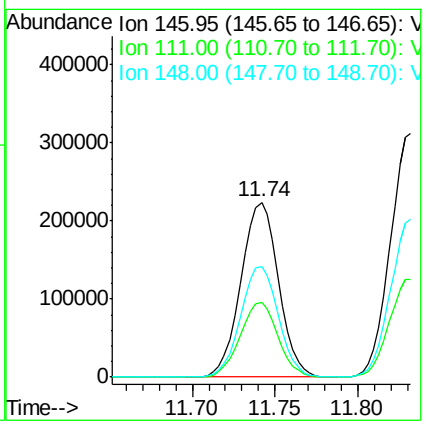
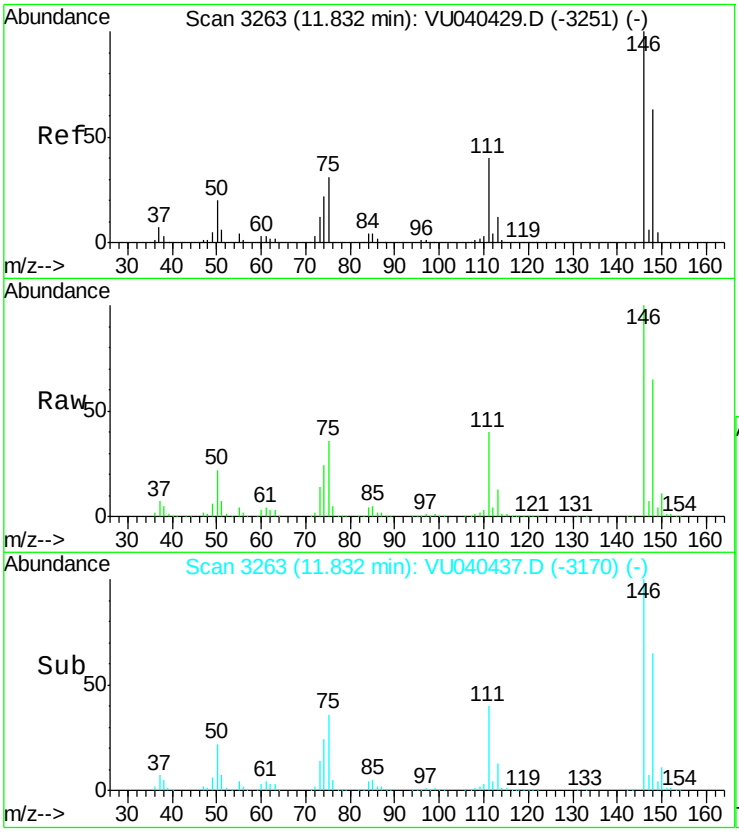


#62
1,3-Dichlorobenzene
Concen: 15.649 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:146 Resp: 353948

Ion	Ratio	Lower	Upper
146	100		
111	42.9	28.6	53.0
148	63.1	43.4	80.6

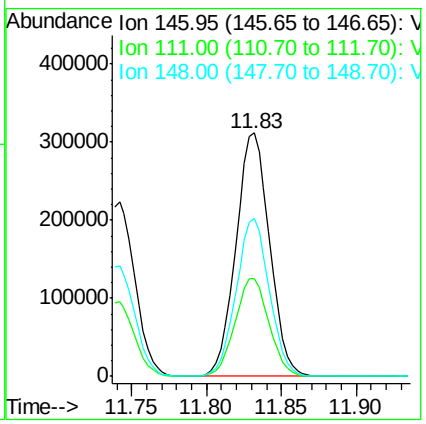




#63
1,4-Dichlorobenzene
Concen: 20.742 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:146 Resp: 487981

Ion	Ratio	Lower	Upper
146	100		
111	40.3	29.2	54.2
148	64.7	44.4	82.4



Instrument :
MSVOA_U
ClientSampleId :
BG3R6

Manual Integrations APPROVED
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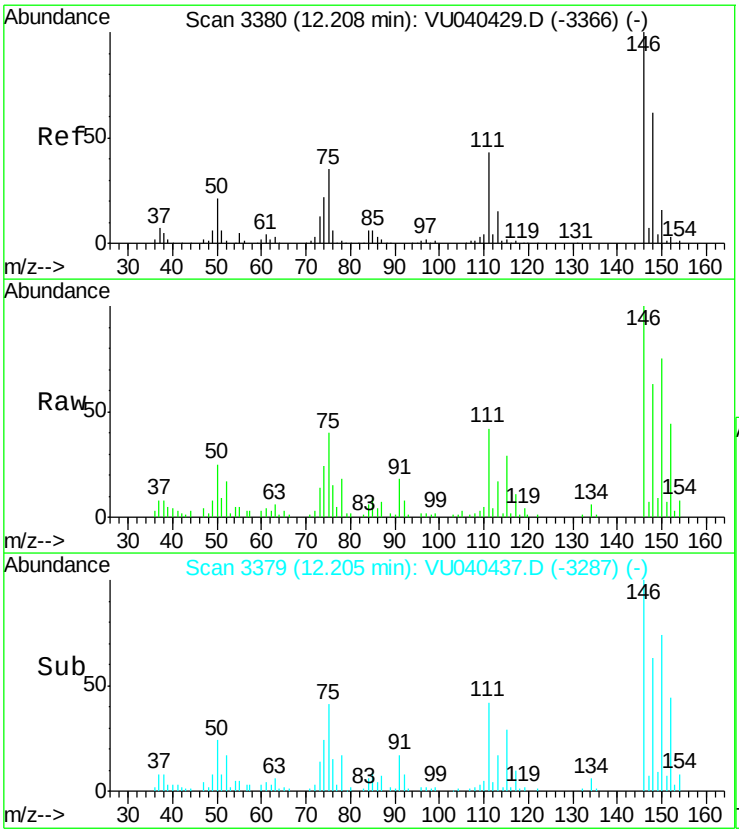
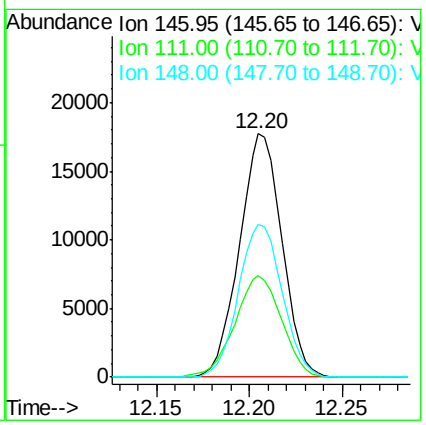
10/2/2020 5:54:35 PM

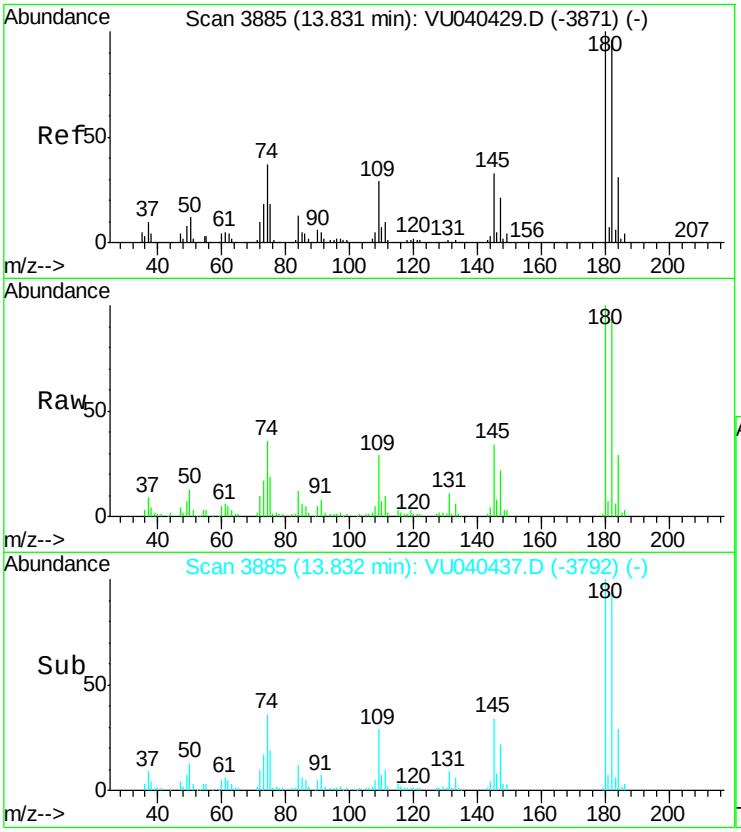


#65
1,2-Dichlorobenzene
Concen: 1.282 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:146 Resp: 28198

Ion	Ratio	Lower	Upper
146	100		
111	41.9	35.6	53.4
148	62.8	49.8	74.6

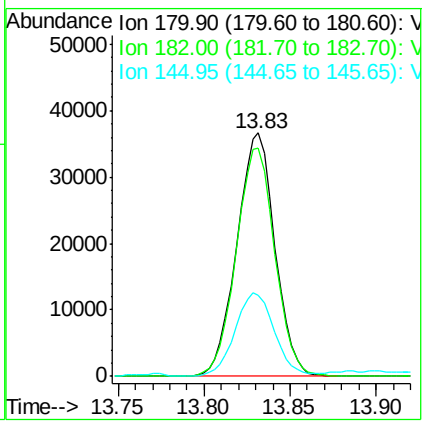




#68
1,2,4-trichlorobenzene
Concen: 4.334 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU040437.D
Acq: 01 Oct 2020 22:14

Tgt Ion:180 Resp: 56226

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	115.0
145	35.5	26.3	39.5



Instrument :
MSVOA_U
ClientSampleId :
BG3R6

Manual Integrations APPROVED
MMDadoda
10/2/2020 5:54:35 PM