Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040343.D
Acq On : 28 Sep 2020 19:52
Operator : SY/MD
Sample : L4139-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG494DL

Quant Time: Sep 29 07:28:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62513	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	38143	5.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%			
7) Chloroethane-d5	1.92	69	35681	5.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 119.60%			
11) 1,1-Dichloroethene-d2	2.58	63	62314	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	4.65	46	179294	62.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.12%			
24) Chloroform-d	5.08	84	82212	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.72	65	53621	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.74	84	159168	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
36) 1,2-Dichloropropane-d6	6.70	67	55844	5.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.20%			
41) Toluene-d8	7.91	98	131710	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.19	79	21039	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.64	63	133001	61.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.82%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49116	5.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55803	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	3347	0.441	ug/L	97
16) Methylene chloride	3.06	84	1640	0.123	ug/L	71
25) Chloroform	5.11	83	3669	0.159	ug/L	95
27) 1,2-Dichloroethane	5.79	62	5285	0.313	ug/L #	78
33) Benzene	5.79	78	556360	12.024	ug/L	100
35) Methylcyclohexane	6.70	83	13090	0.689	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6365	0.508	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1559	0.084	ug/L #	79
42) Toluene	7.98	91	902689	18.943	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	1038	0.061	ug/L #	72
48) 2-Hexanone	8.64	43	17982	2.398	ug/L #	73
51) Chlorobenzene	9.45	112	32006	1.082	ug/L	97
52) Ethylbenzene	9.57	91	126409	2.335	ug/L	100
53) m,p-Xylene	9.69	106	114279	5.928	ug/L	99
54) o-Xylene	10.10	106	34419	1.874	ug/L	94
55) Styrene	10.10	104	2346	0.073	ug/L #	1
56) Isopropylbenzene	10.48	105	7187	0.143	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040343.D
Acq On : 28 Sep 2020 19:52
Operator : SY/MD
Sample : L4139-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG494DL

Quant Time: Sep 29 07:28:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	10.10	75	1091	0.118	ug/L #	1
63) 1,4-Dichlorobenzene	11.83	146	2552	0.110	ug/L	90
65) 1,2-Dichlorobenzene	12.20	146	2814	0.127	ug/L	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040343.D
Acq On : 28 Sep 2020 19:52
Operator : SY/MD
Sample : L4139-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
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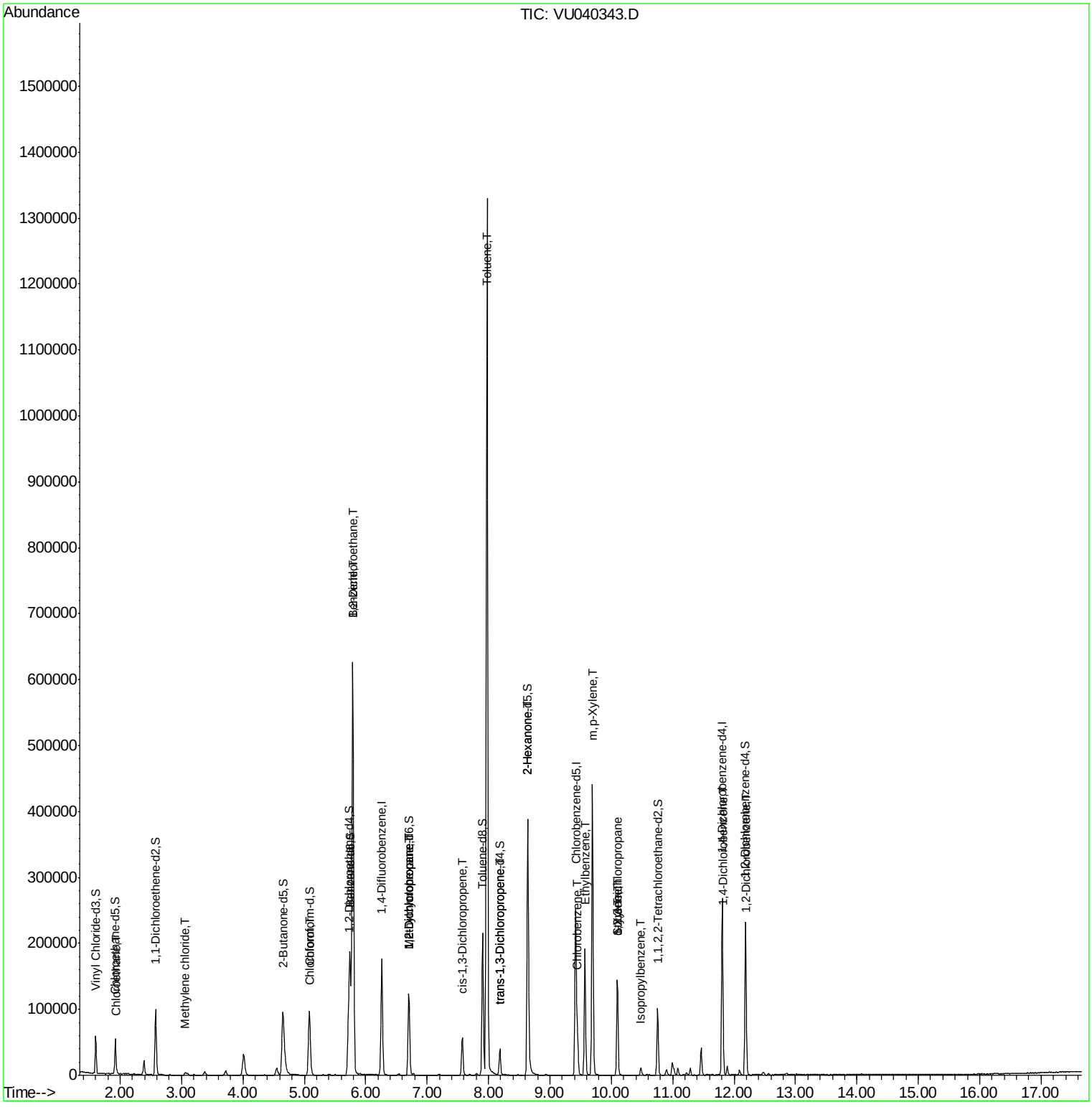
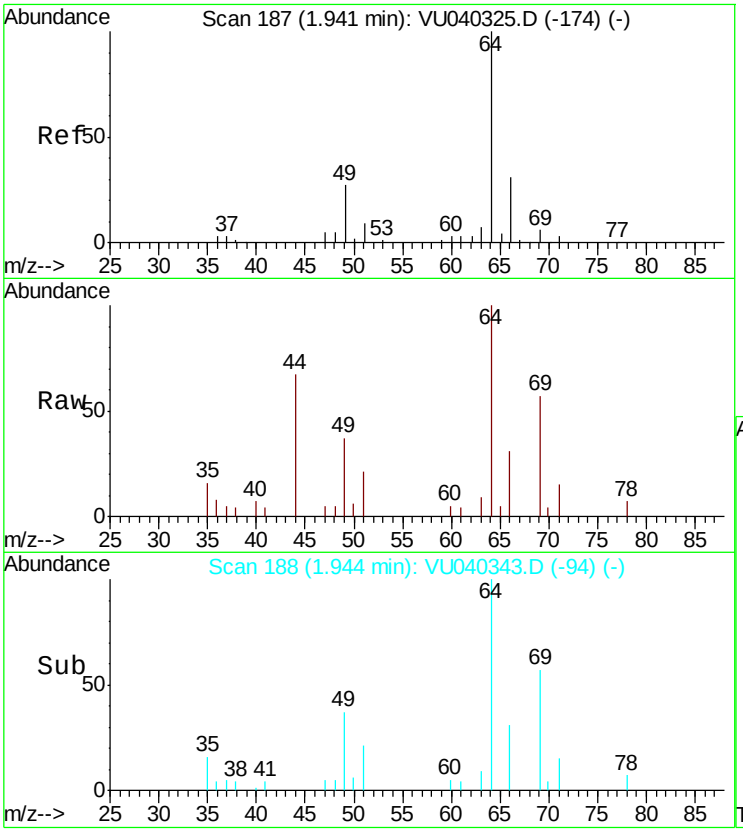
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration



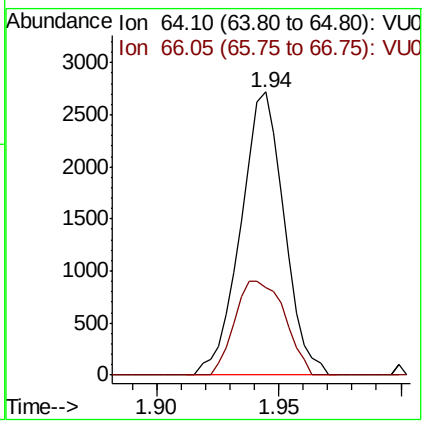


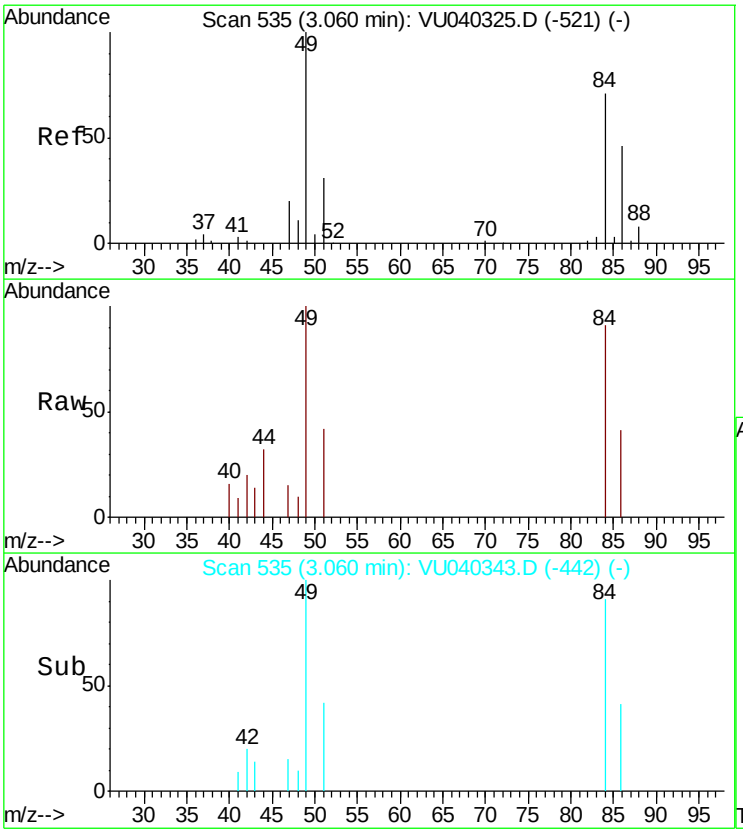
#8
Chloroethane
Concen: 0.441 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
BG494DL

Tgt Ion: 64 Resp: 3347

Ion	Ratio	Lower	Upper
64	100		
66	30.9	22.7	42.1

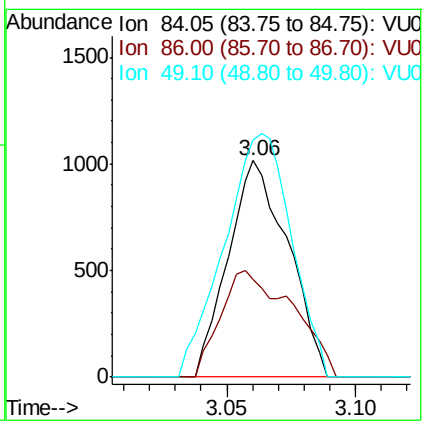


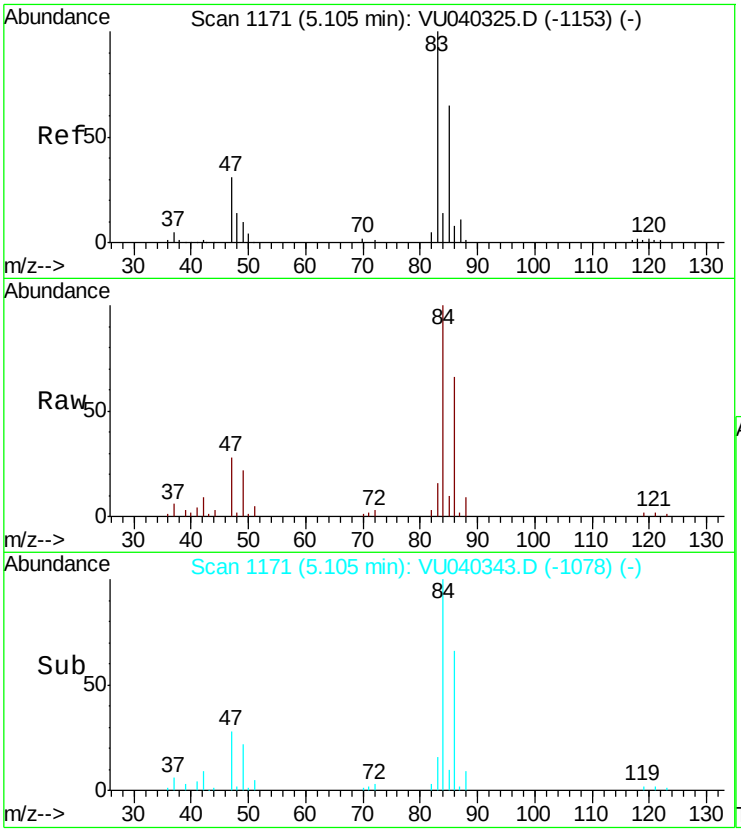


#16
Methylene chloride
Concen: 0.123 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion: 84 Resp: 1640

Ion	Ratio	Lower	Upper
84	100		
86	45.4	45.2	84.0
49	109.4	104.0	193.2



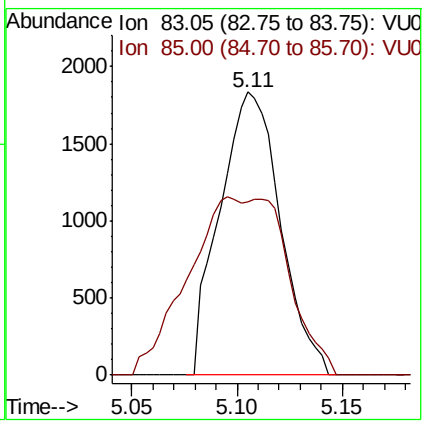


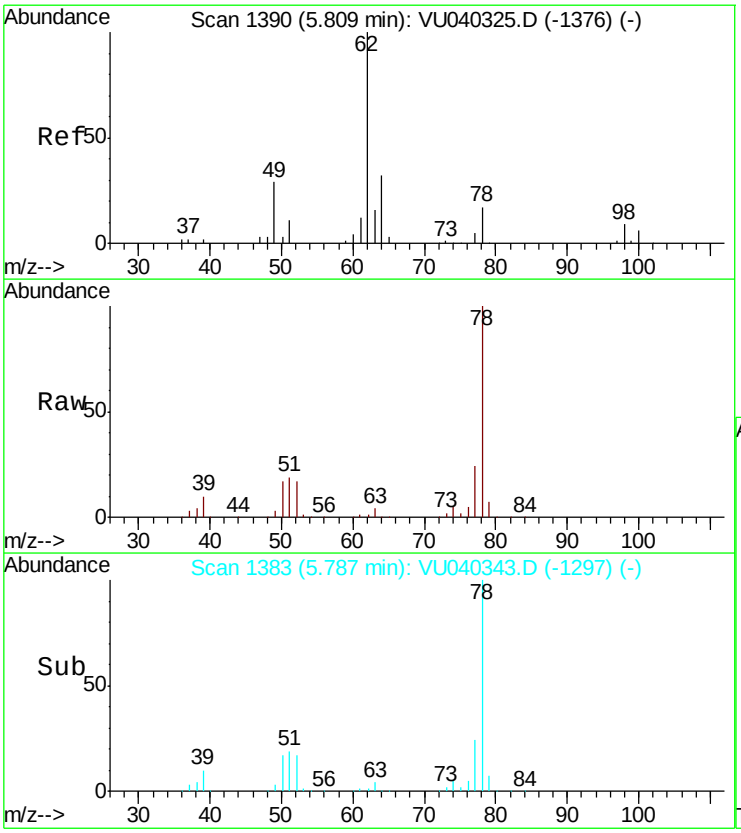
#25
Chloroform
Concen: 0.159 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
BG494DL

Tgt Ion: 83 Resp: 3669

Ion	Ratio	Lower	Upper
83	100		
85	61.1	45.3	84.1

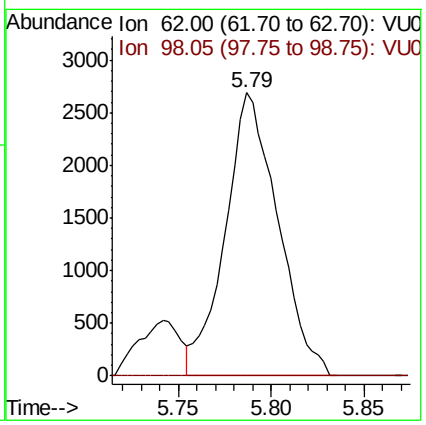


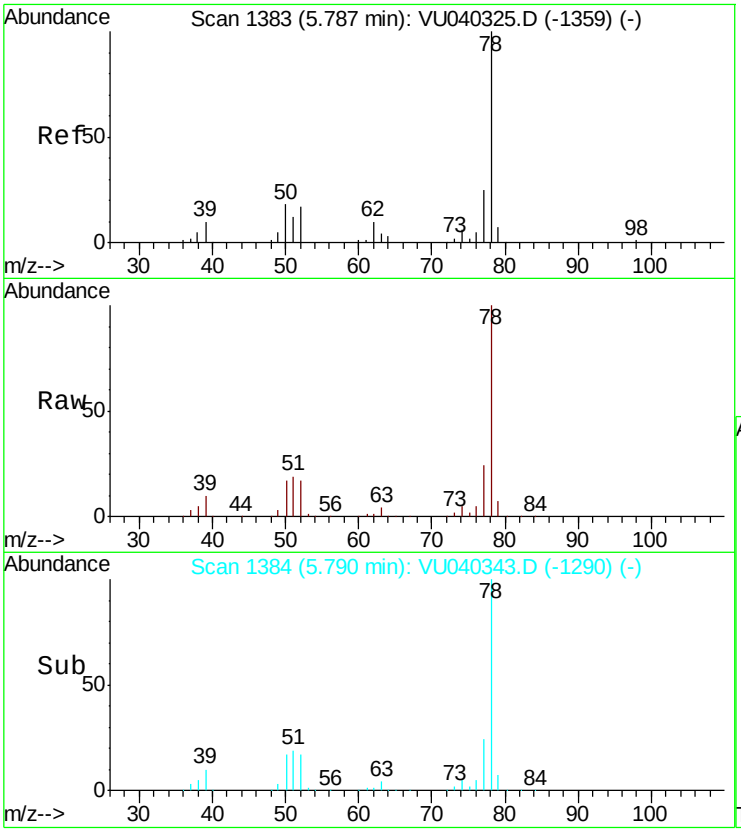


#27
1,2-Dichloroethane
Concen: 0.313 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.02 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion: 62 Resp: 5285

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#

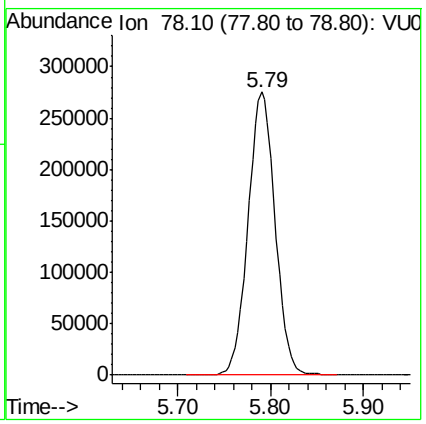


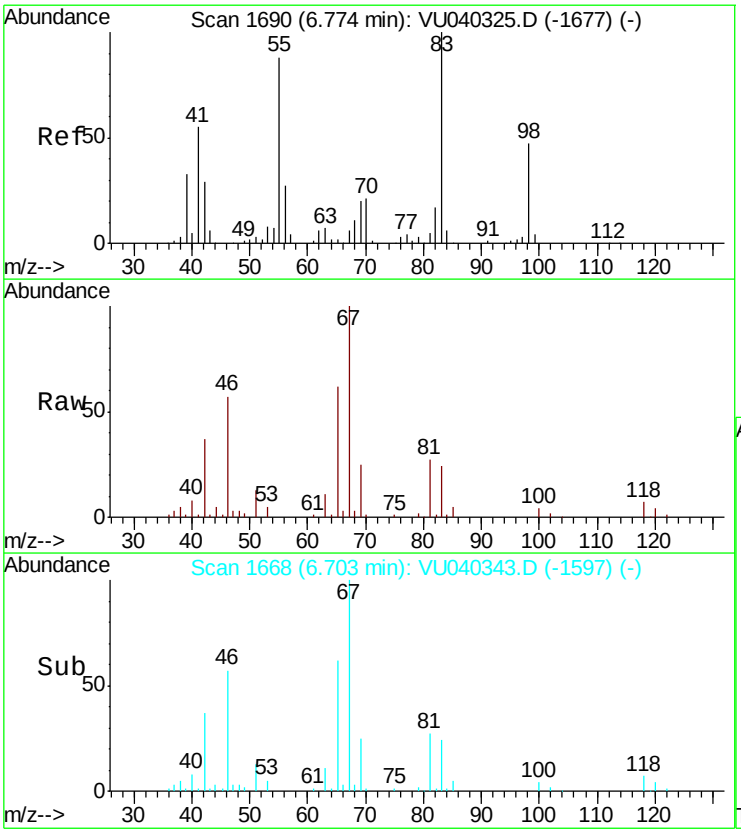


#33
Benzene
Concen: 12.024 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
BG494DL

Tgt Ion: 78 Resp: 556360

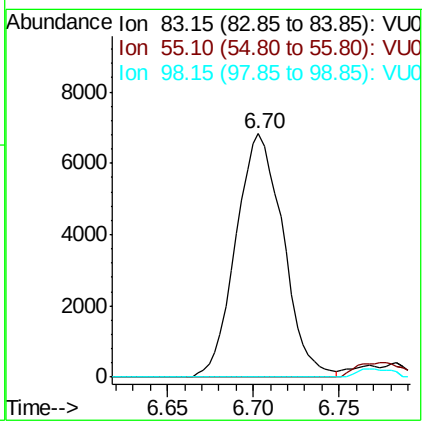


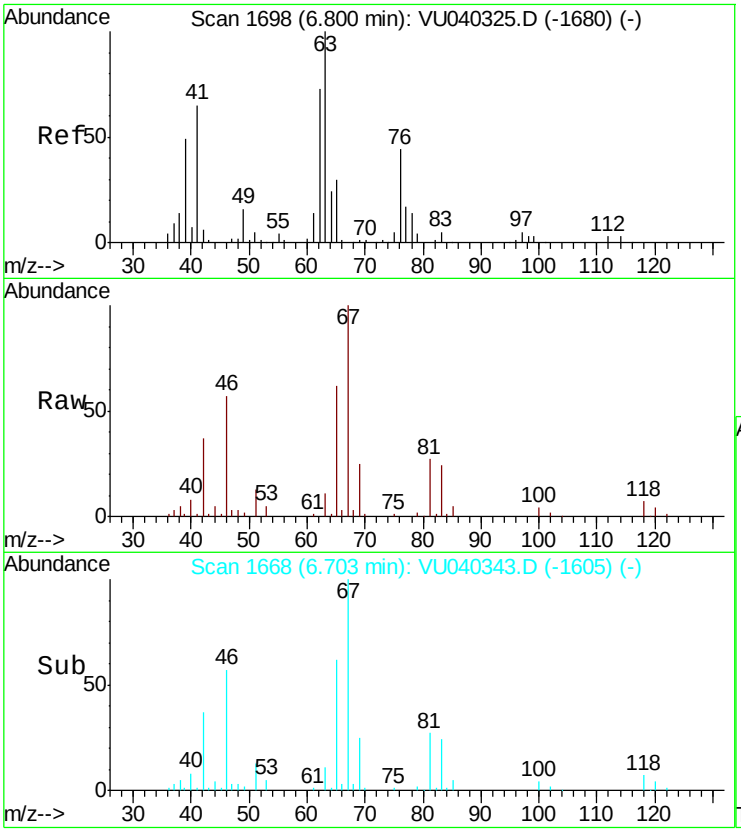


#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion: 83 Resp: 13090

Ion	Ratio	Lower	Upper
83	100		
55	5.7	70.5	105.7#
98	2.5	37.8	56.6#



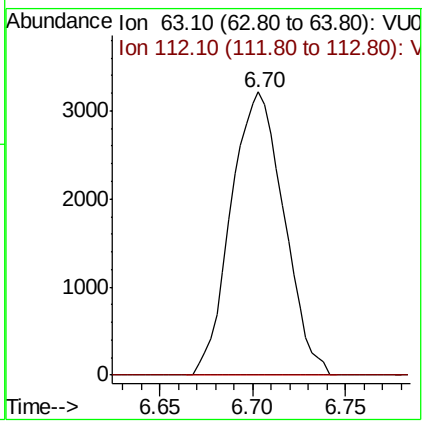


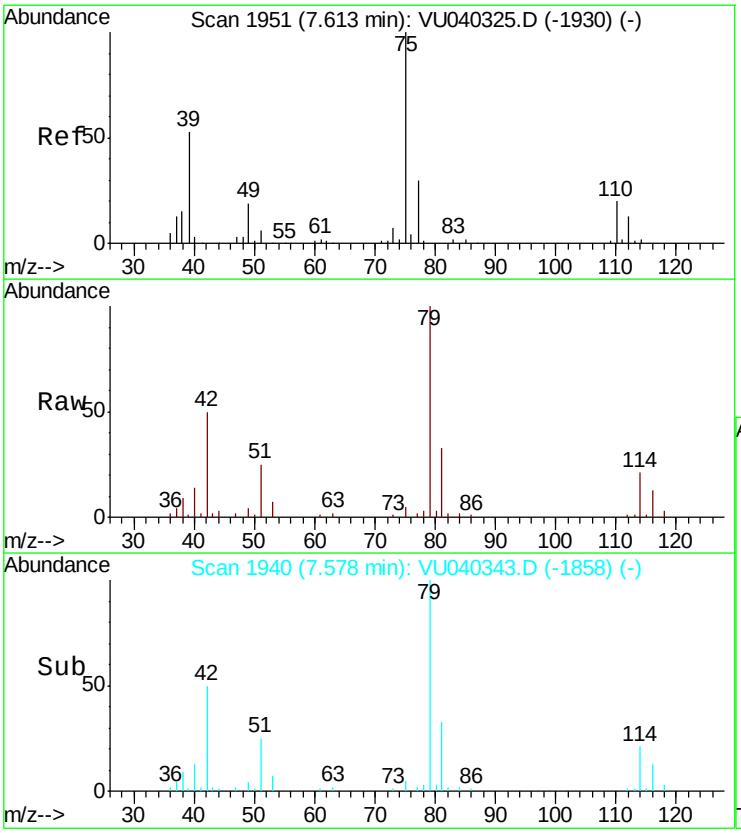
#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
BG494DL

Tgt Ion: 63 Resp: 6365

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

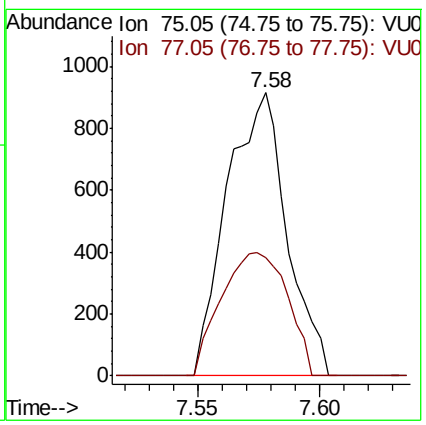


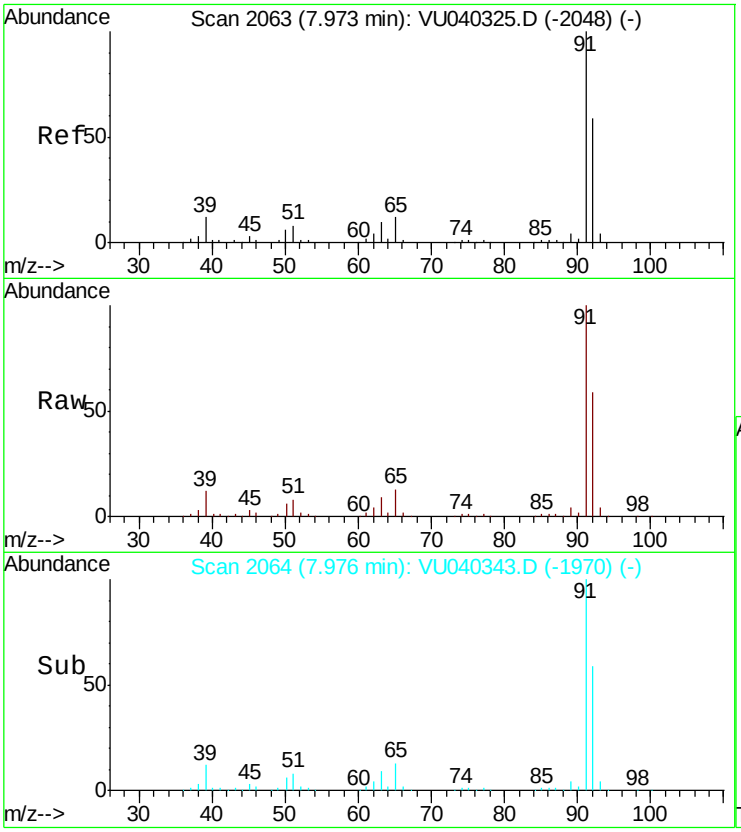


#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion: 75 Resp: 1559

Ion	Ratio	Lower	Upper
75	100		
77	41.7	21.1	39.3#



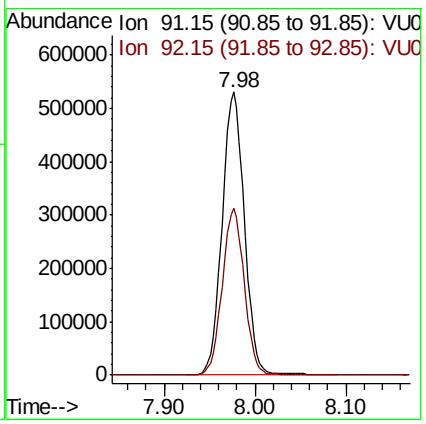


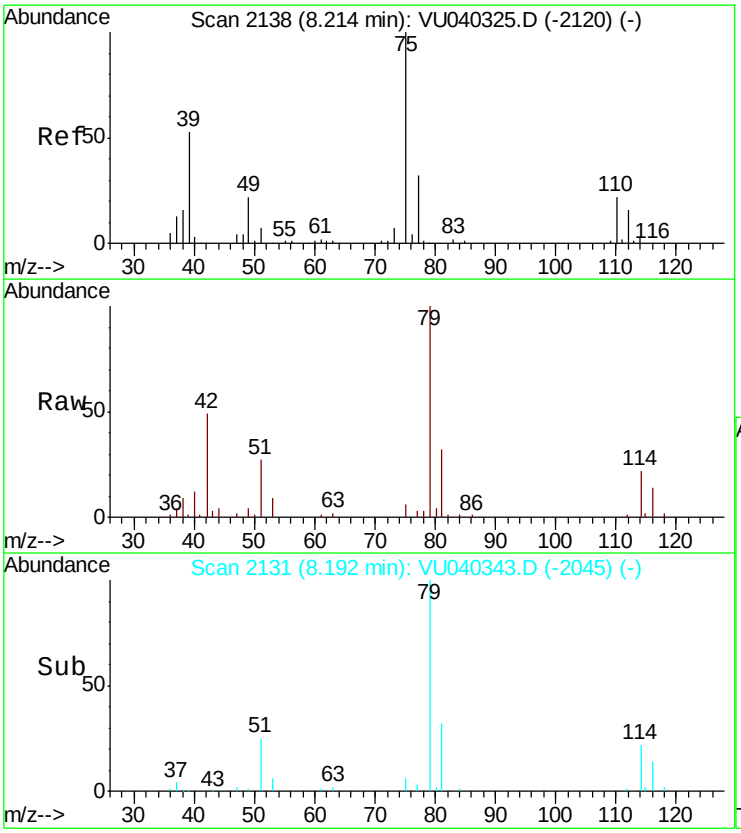
#42
Toluene
Concen: 18.943 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument : MSVOA_U
ClientSampleId : BG494DL

Tgt Ion: 91 Resp: 902689

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.7	75.5

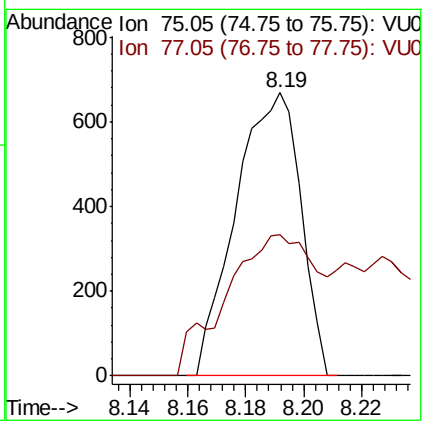


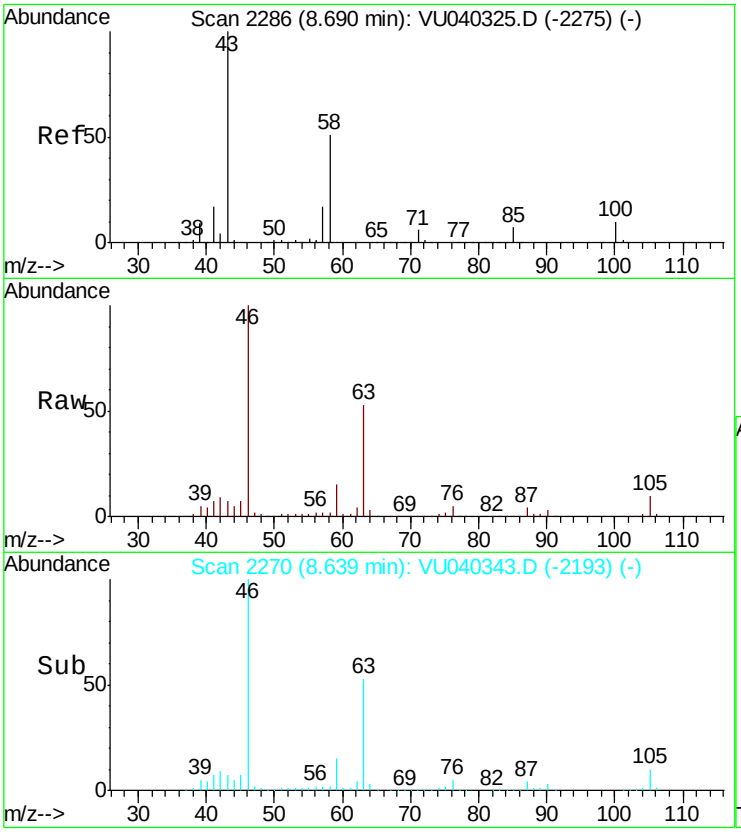


#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion: 75 Resp: 1038

Ion	Ratio	Lower	Upper
75	100		
77	50.0	23.9	44.3#



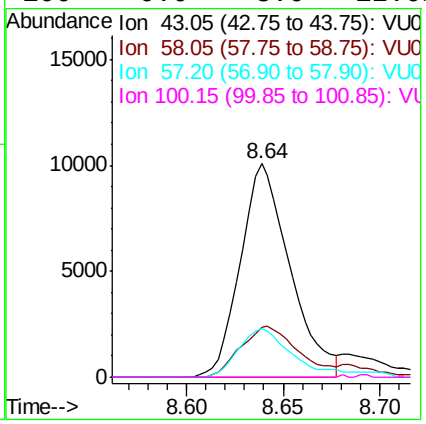


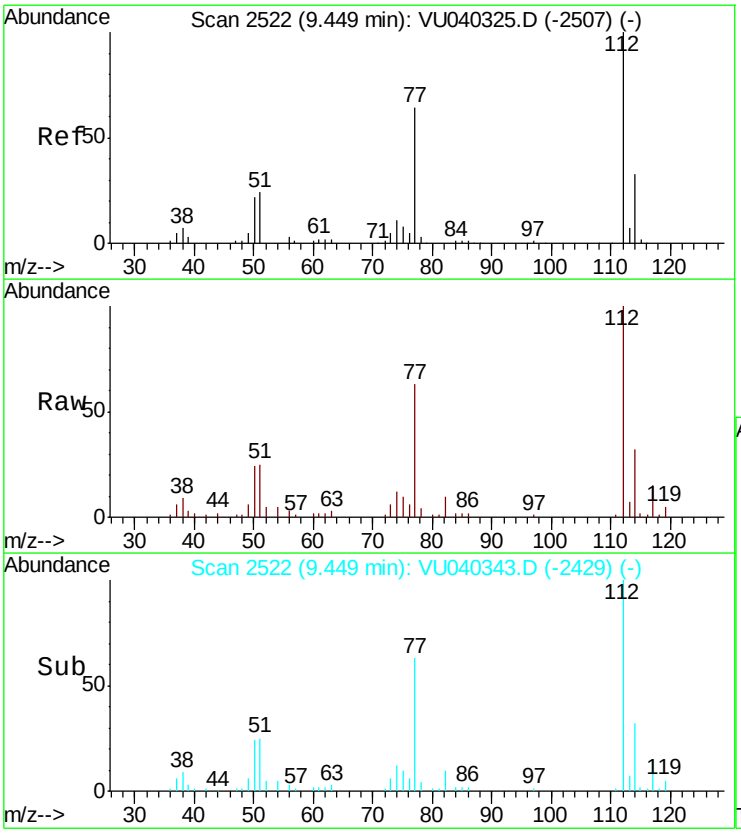
#48
2-Hexanone
Concen: 2.398 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument : MSVOA_U
ClientSampleId : BG494DL

Tgt Ion: 43 Resp: 17982

Ion	Ratio	Lower	Upper
43	100		
58	27.7	39.6	59.4#
57	24.5	14.3	21.5#
100	0.0	8.0	12.0#

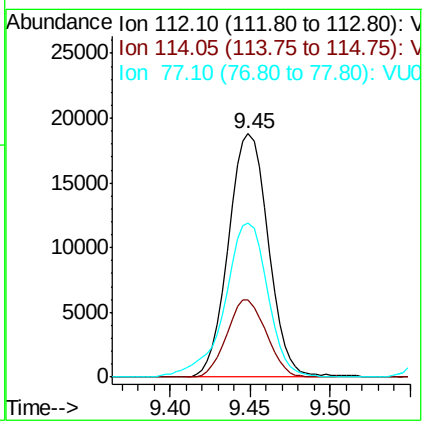


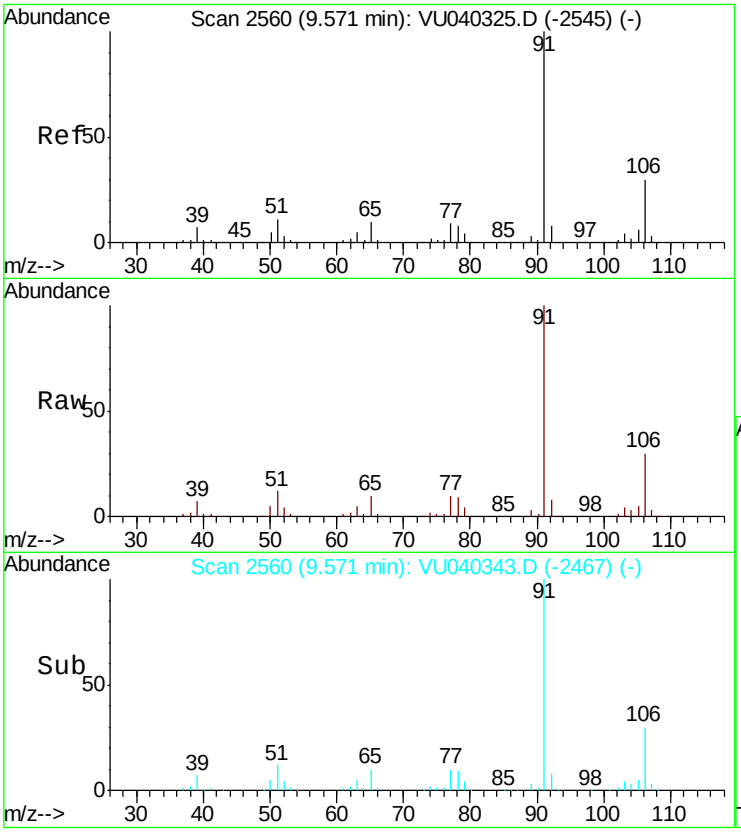


#51
Chlorobenzene
Concen: 1.082 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion:112 Resp: 32006

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.7	42.3
77	63.3	53.2	79.8



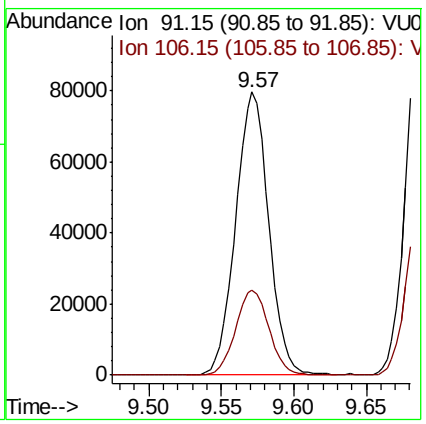


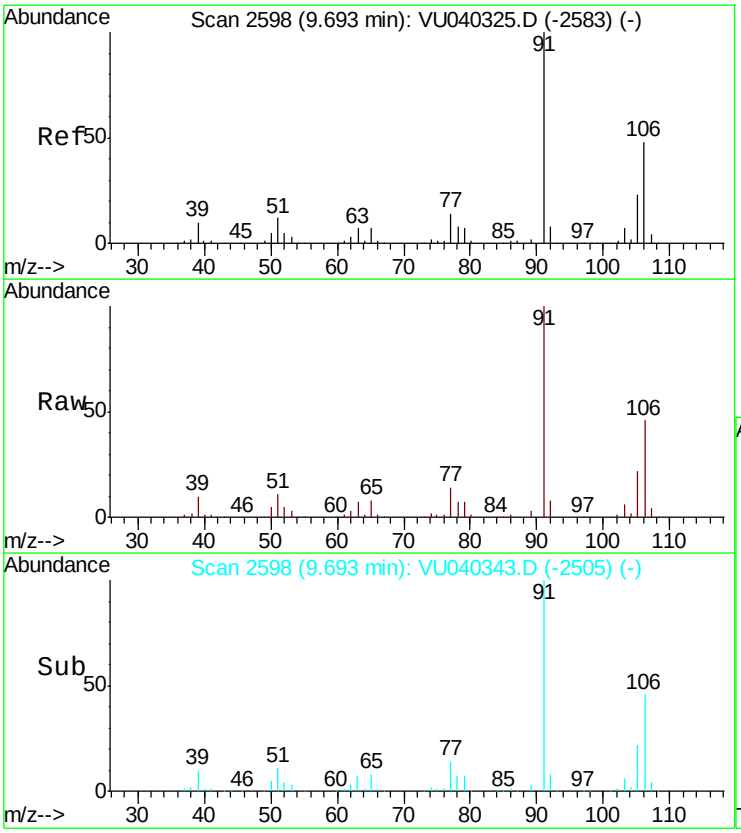
#52
Ethylbenzene
Concen: 2.335 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
BG494DL

Tgt Ion: 91 Resp: 126409

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.0	39.0

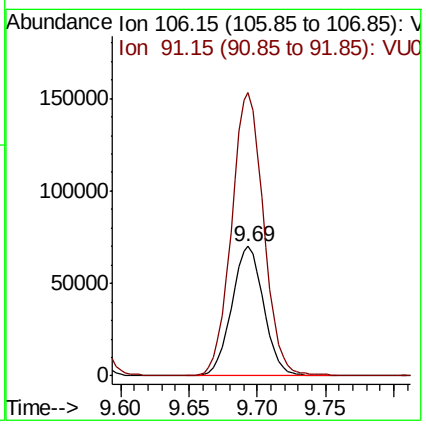


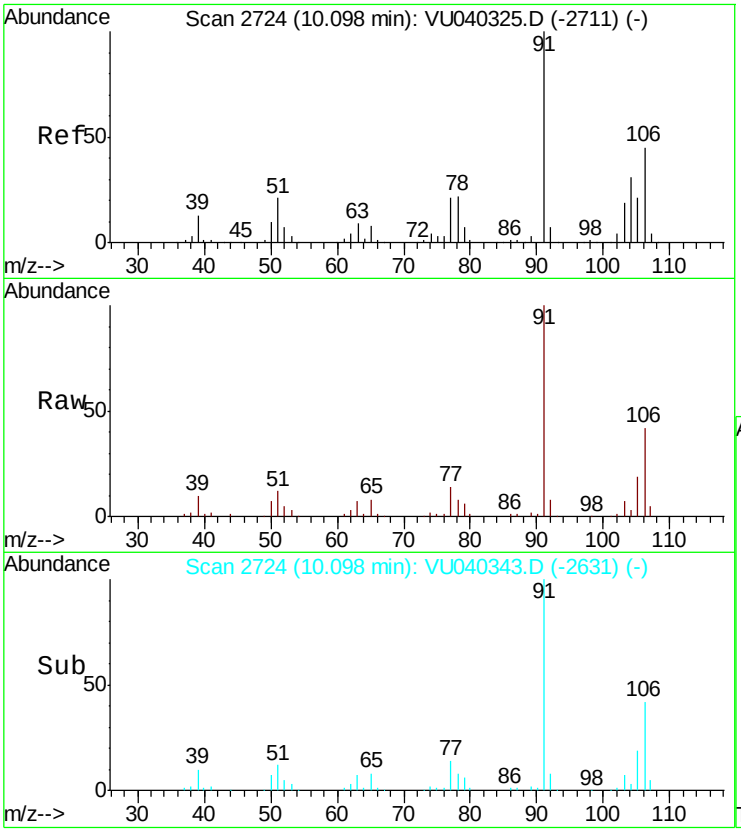


#53
m,p-Xylene
Concen: 5.928 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion:106 Resp: 114279

Ion	Ratio	Lower	Upper
106	100		
91	218.2	151.7	281.7



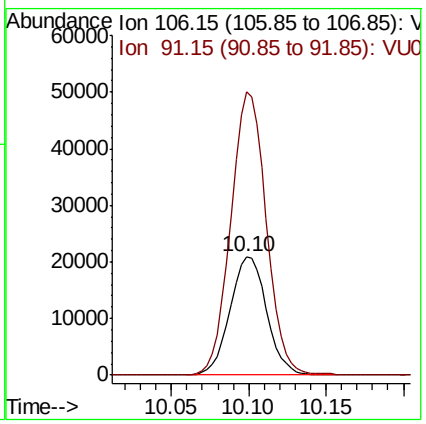


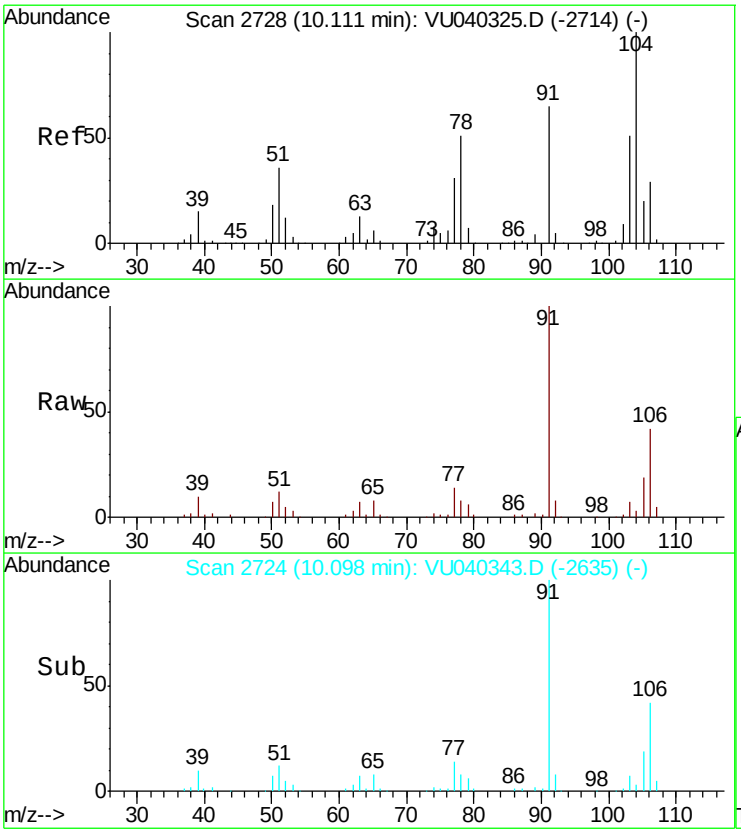
#54
o-Xylene
Concen: 1.874 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
BG494DL

Tgt Ion:106 Resp: 34419

Ion	Ratio	Lower	Upper
106	100		
91	239.0	160.8	298.6

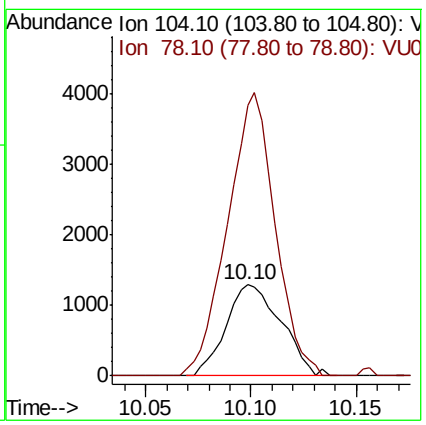


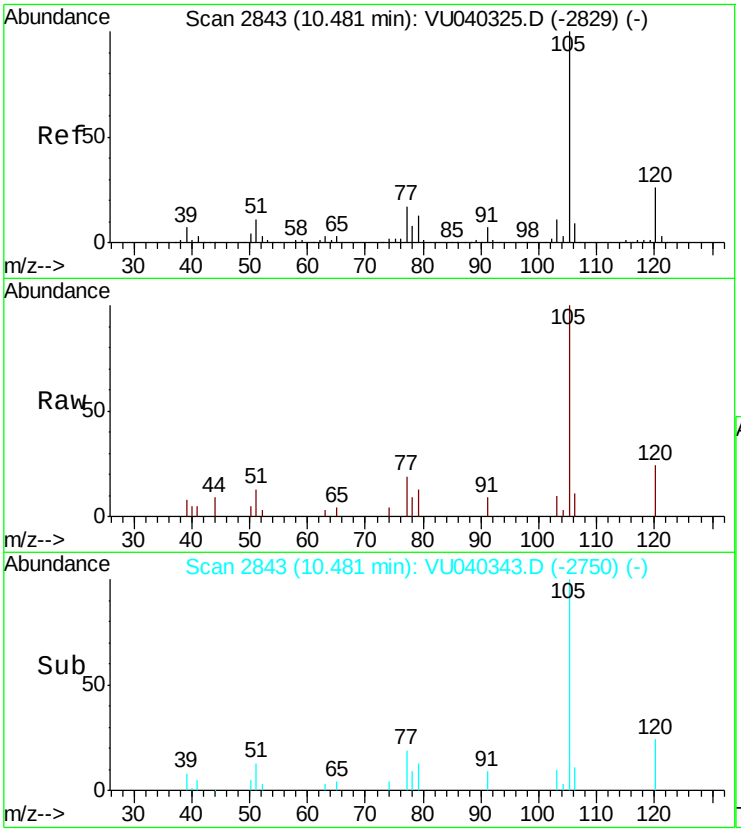


#55
Styrene
Concen: 0.073 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.01 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion:104 Resp: 2346

Ion	Ratio	Lower	Upper
104	100		
78	296.5	36.8	68.3#



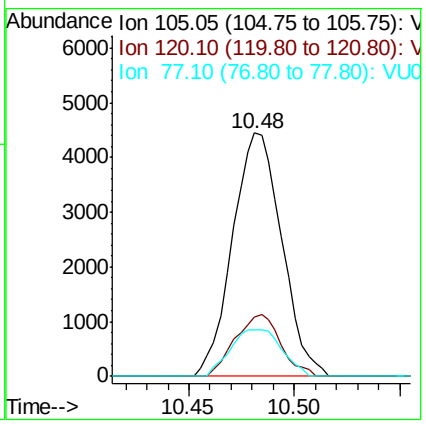


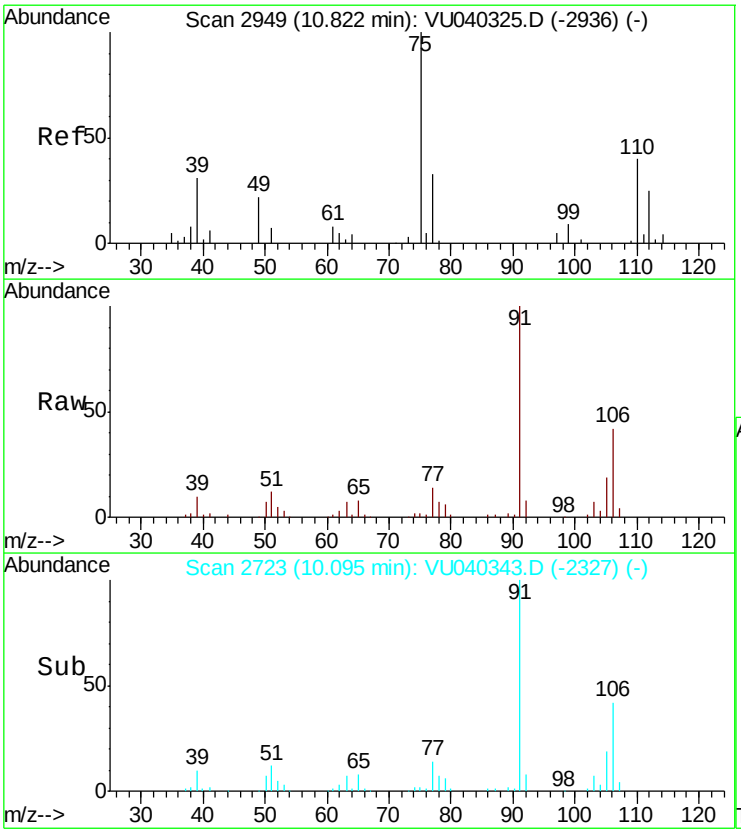
#56
Isopropylbenzene
Concen: 0.143 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
BG494DL

Tgt Ion:105 Resp: 7187

Ion	Ratio	Lower	Upper
105	100		
120	23.5	20.1	30.1
77	20.1	14.4	21.6

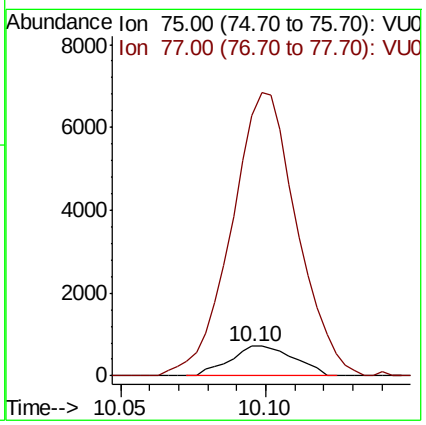


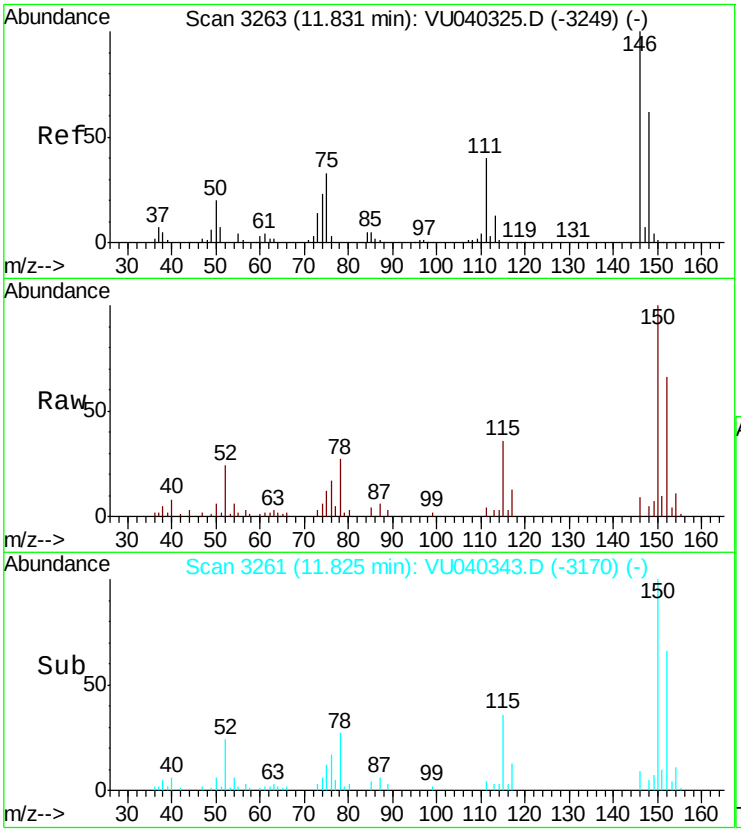


#59
1,2,3-Trichloropropane
Concen: 0.118 ug/L
RT: 10.10 min Scan# 2723
Delta R.T. -0.73 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion: 75 Resp: 1091

Ion	Ratio	Lower	Upper
75	100		
77	983.3	24.9	37.3#



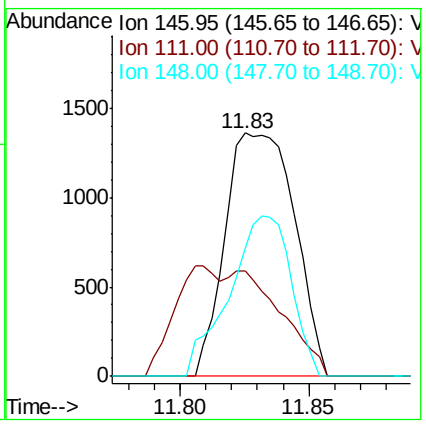


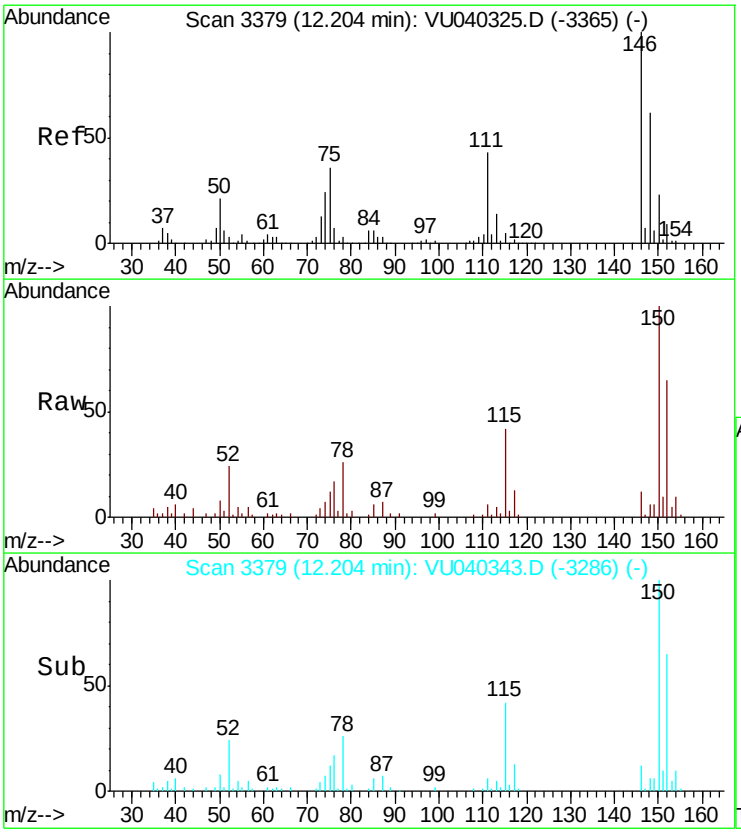
#63
1,4-Dichlorobenzene
Concen: 0.110 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. -0.01 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Instrument : MSVOA_U
ClientSampleId : BG494DL

Tgt Ion:146 Resp: 2552

Ion	Ratio	Lower	Upper
146	100		
111	43.1	30.5	56.7
148	52.7	45.4	84.4





#65
1,2-Dichlorobenzene
Concen: 0.127 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU040343.D
Acq: 28 Sep 2020 19:52

Tgt Ion:146 Resp: 2814

Ion	Ratio	Lower	Upper
146	100		
111	47.2	36.5	54.7
148	55.2	48.6	72.8