Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041146.D
Acq On : 09 Nov 2020 17:18
Operator : SY/MD
Sample : L4646-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T7

Quant Time: Nov 10 01:13:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32852	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16267	2.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.00%			
7) Chloroethane-d5	1.92	69	16984	3.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.58	63	27010	2.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.20%#			
20) 2-Butanone-d5	4.66	46	90145	48.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.68%			
24) Chloroform-d	5.08	84	41821	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.73	65	27072	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
32) Benzene-d6	5.75	84	76933	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.70	67	25780	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.91	98	70504	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	8.19	79	11969	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.64	63	68743	51.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24657	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	29634	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
3) Chloromethane	1.49	50	8391	1.321	ug/L #	71
5) Vinyl chloride	1.61	62	1427	0.228	ug/L #	1
8) Chloroethane	2.00	64	1636	0.412	ug/L	88
13) Acetone	2.61	43	50874	40.319	ug/L	82
14) Carbon disulfide	2.81	76	694	0.044	ug/L #	74
15) Methyl Acetate	3.06	43	801432	277.579	ug/L #	53
16) Methylene chloride	3.00	84	4662	0.849	ug/L #	1
19) 1,1-Dichloroethane	3.84	63	1014	0.106	ug/L #	1
21) 2-Butanone	4.67	43	14747	7.478	ug/L #	53
22) cis-1,2-Dichloroethene	4.69	96	13911	2.816	ug/L	96
25) Chloroform	5.14	83	19475	2.028	ug/L #	49
27) 1,2-Dichloroethane	5.82	62	484469	67.750	ug/L #	84
30) Cyclohexane	5.41	56	792989	100.745	ug/L	98
34) Trichloroethene	6.59	95	3308	0.666	ug/L #	16
35) Methylcyclohexane	6.77	83	134643	18.173	ug/L	91
37) 1,2-Dichloropropane	6.77	63	2163	0.410	ug/L #	96
38) Bromodichloromethane	7.17	83	3207	0.468	ug/L #	47

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041146.D
Acq On : 09 Nov 2020 17:18
Operator : SY/MD
Sample : L4646-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T7

Quant Time: Nov 10 01:13:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) cis-1,3-Dichloropropene	7.57	75	971	0.134	ug/L	#	2
42) Toluene	7.98	91	199268	10.068	ug/L		99
44) trans-1,3-Dichloropropene	8.19	75	503	0.074	ug/L	#	1
45) 1,1,2-Trichloroethane	8.37	97	5855	1.489	ug/L	#	17
51) Chlorobenzene	9.67	112	616	0.049	ug/L	#	1
52) Ethylbenzene	9.57	91	433394	20.803	ug/L		100
53) m,p-Xylene	9.70	106	1141857	150.287	ug/L		100
54) o-Xylene	10.10	106	17748	2.508	ug/L		98
55) Styrene	10.10	104	1071	0.085	ug/L	#	1
56) Isopropylbenzene	10.48	105	423125	22.237	ug/L		99
59) 1,2,3-Trichloropropane	10.90	75	5131	1.304	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.96	75	1038	1.132	ug/L	#	7
69) Naphthalene	14.08	128	39477	4.018	ug/L		99

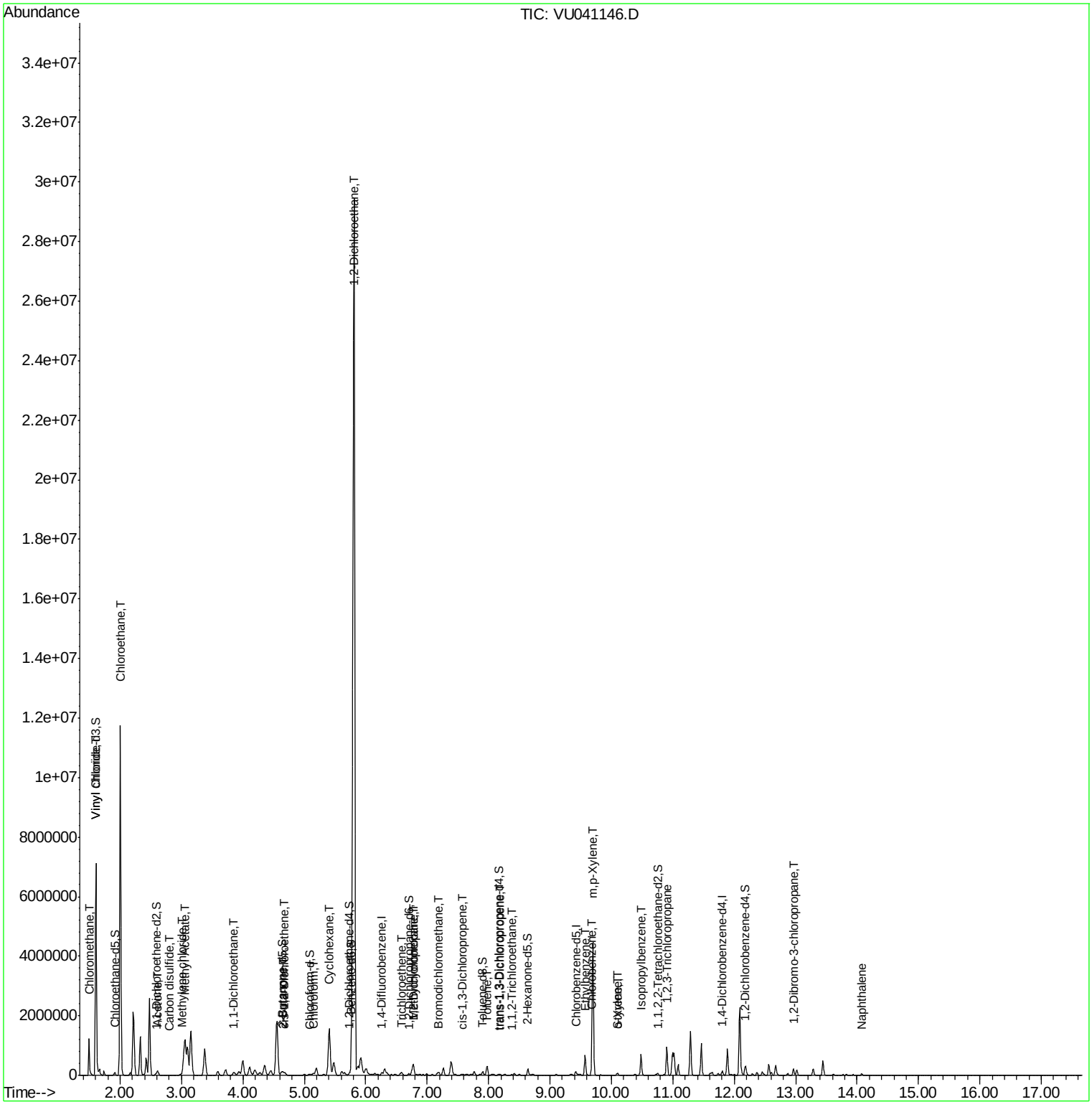
(#) = qualifier out of range (m) = manual integration (+) = signals summed

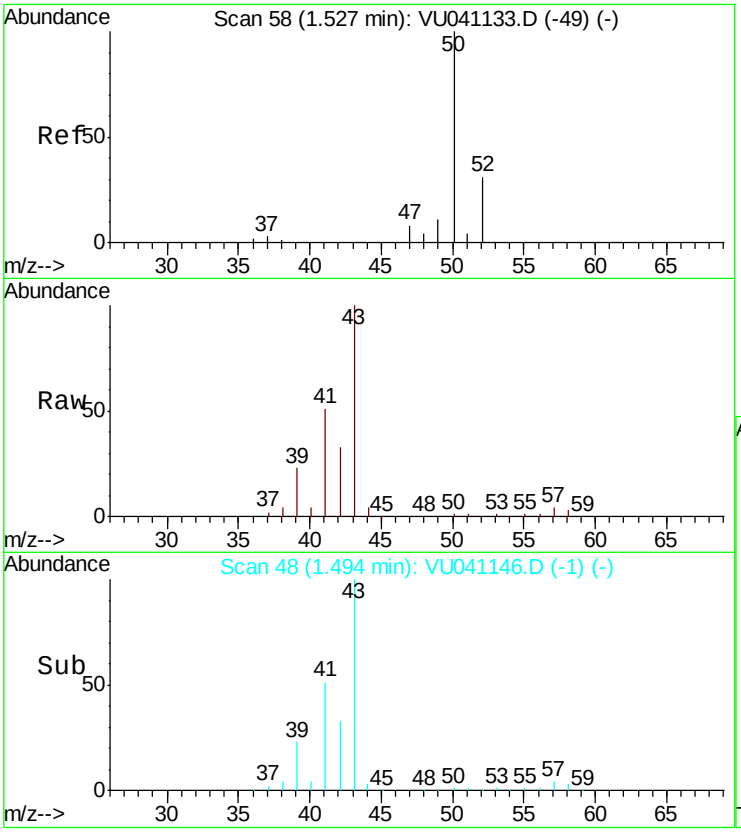
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
Data File : VU041146.D
Acq On : 09 Nov 2020 17:18
Operator : SY/MD
Sample : L4646-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T7

Quant Time: Nov 10 01:13:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration



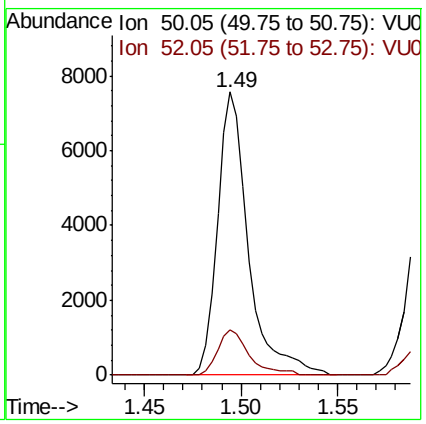


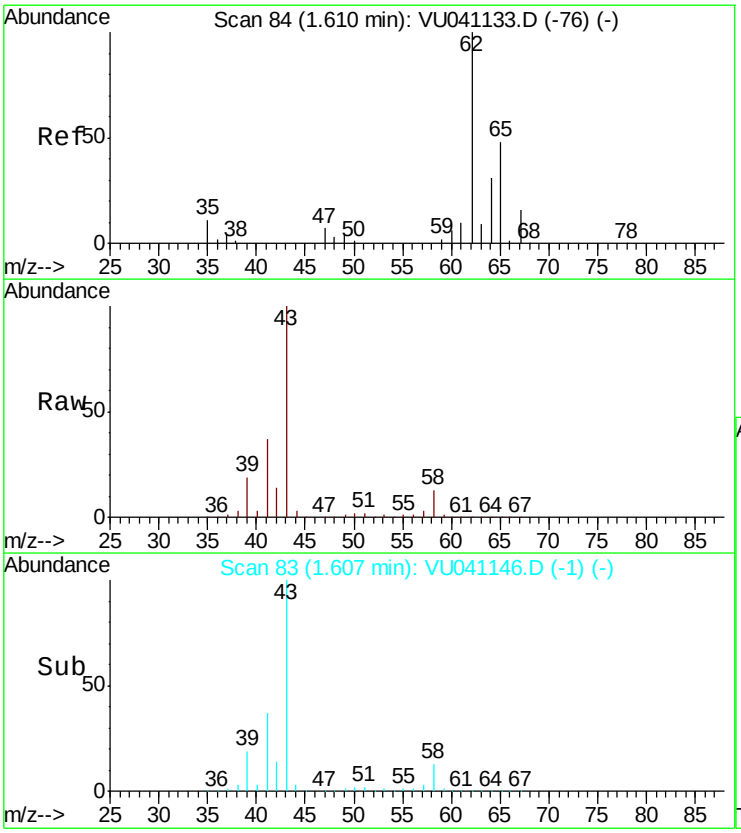
#3
Chloromethane
Concen: 1.321 ug/L
RT: 1.49 min Scan# 48
Delta R.T. -0.03 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 50 Resp: 8391

Ion	Ratio	Lower	Upper
50	100		
52	16.0	22.4	41.6#

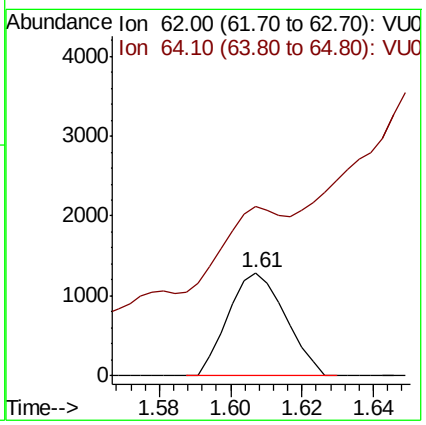


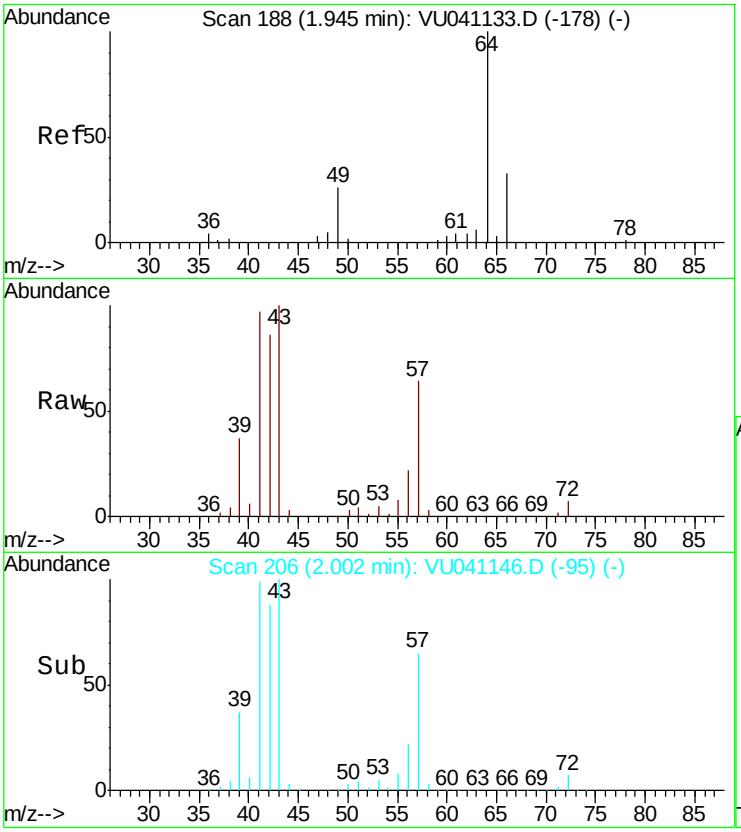


#5
Vinyl chloride
Concen: 0.228 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 62 Resp: 1427

Ion	Ratio	Lower	Upper
62	100		
64	164.6	22.7	42.3#



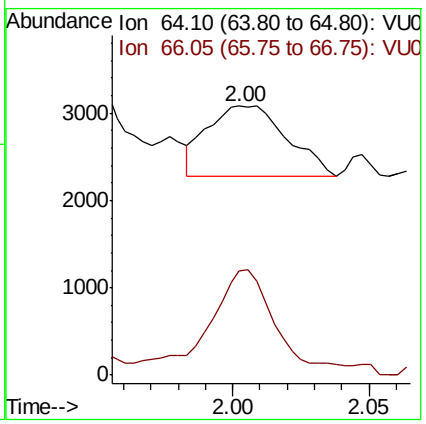


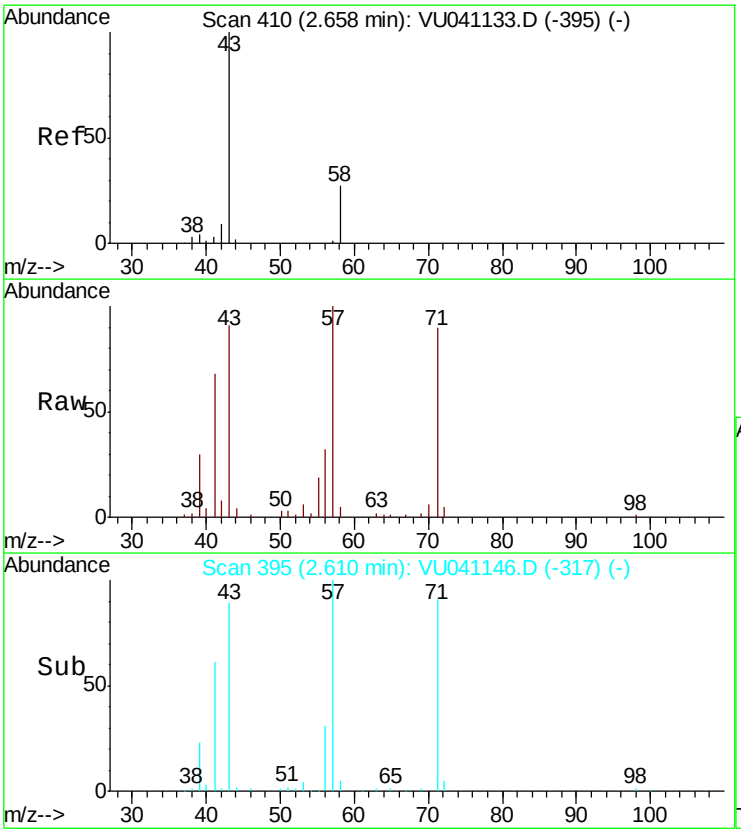
#8
Chloroethane
Concen: 0.412 ug/L
RT: 2.00 min Scan# 206
Delta R.T. 0.06 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 64 Resp: 1636

Ion	Ratio	Lower	Upper
64	100		
66	38.8	22.3	41.5

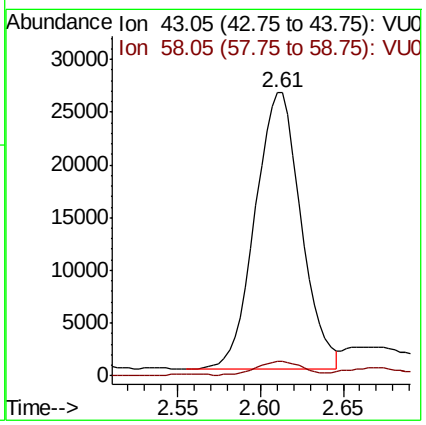


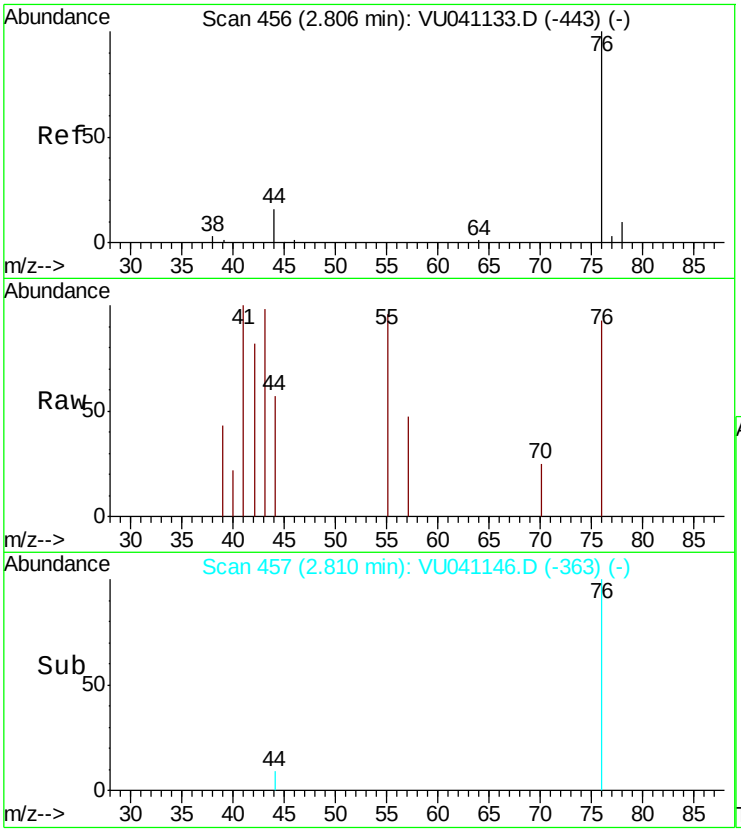


#13
Acetone
Concen: 40.319 ug/L
RT: 2.61 min Scan# 395
Delta R.T. -0.05 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 43 Resp: 50874

Ion	Ratio	Lower	Upper
43	100		
58	5.4	0.0	25.4



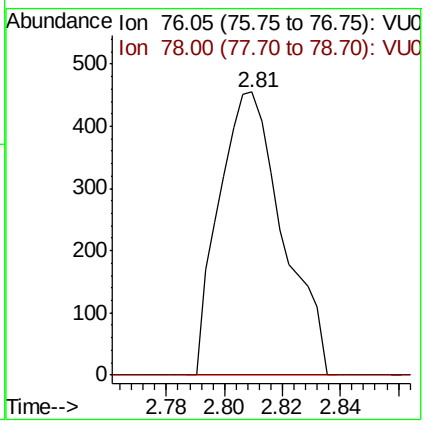


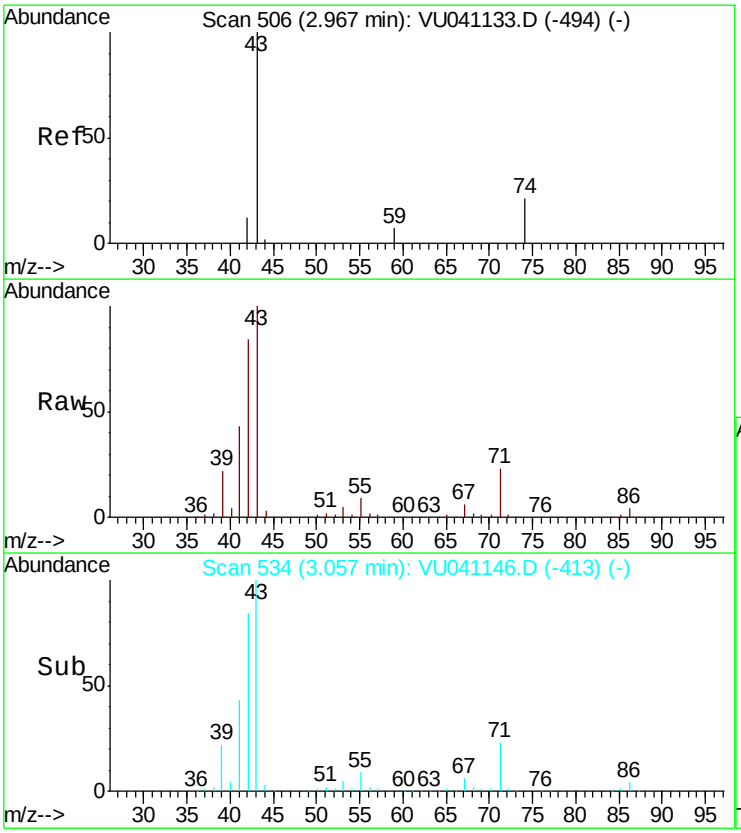
#14
Carbon disulfide
Concen: 0.044 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument : MSVOA_U
ClientSampleId : GB0T7

Tgt Ion: 76 Resp: 694

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

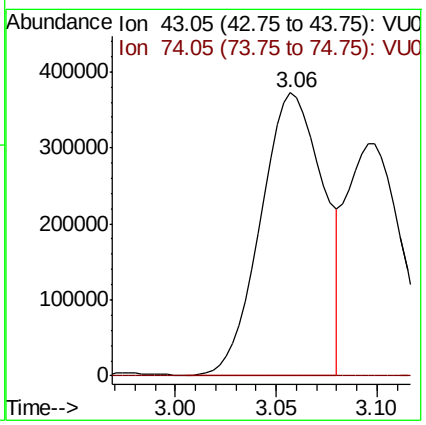


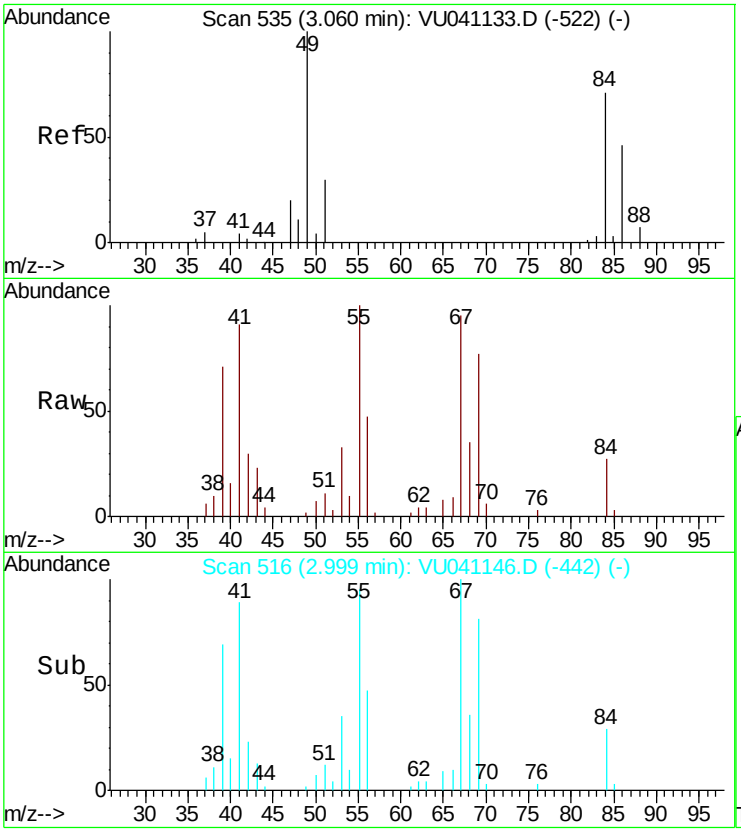


#15
Methyl Acetate
Concen: 277.579 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.09 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 43 Resp: 801432

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#



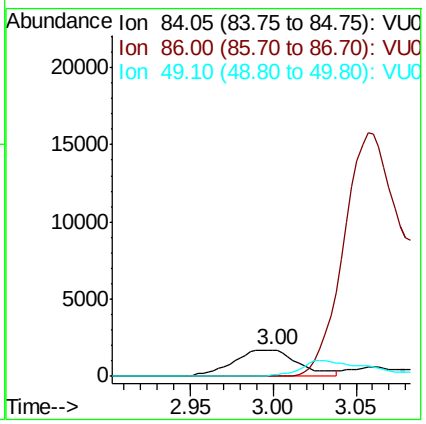


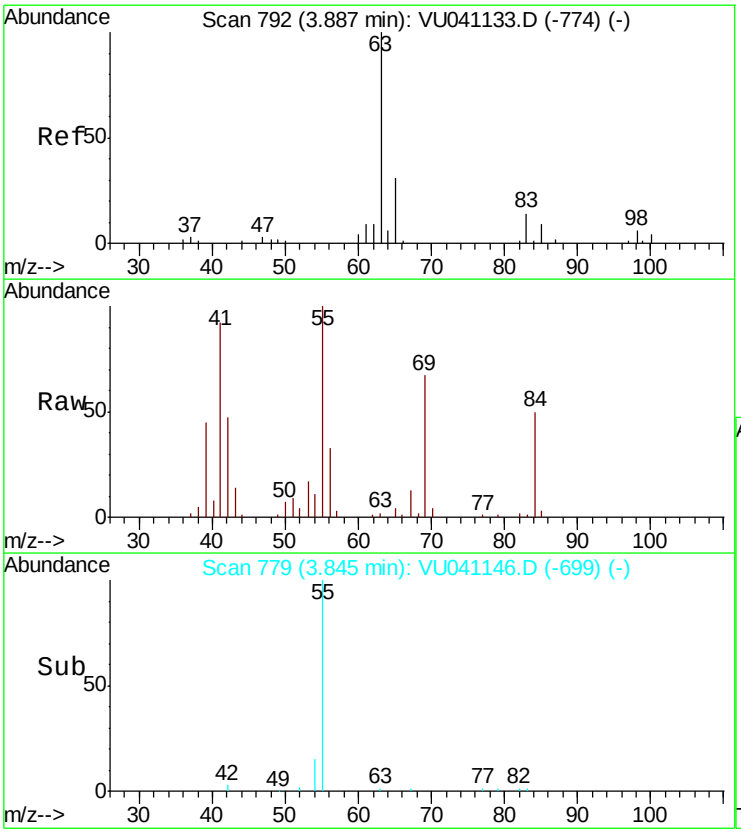
#16
Methylene chloride
Concen: 0.849 ug/L
RT: 3.00 min Scan# 516
Delta R.T. -0.06 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument : MSVOA_U
ClientSampleId : GB0T7

Tgt Ion: 84 Resp: 4662

Ion	Ratio	Lower	Upper
84	100		
86	0.0	42.8	79.6#
49	7.0	99.5	184.7#

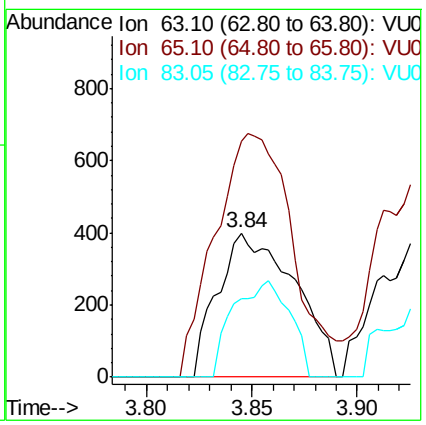


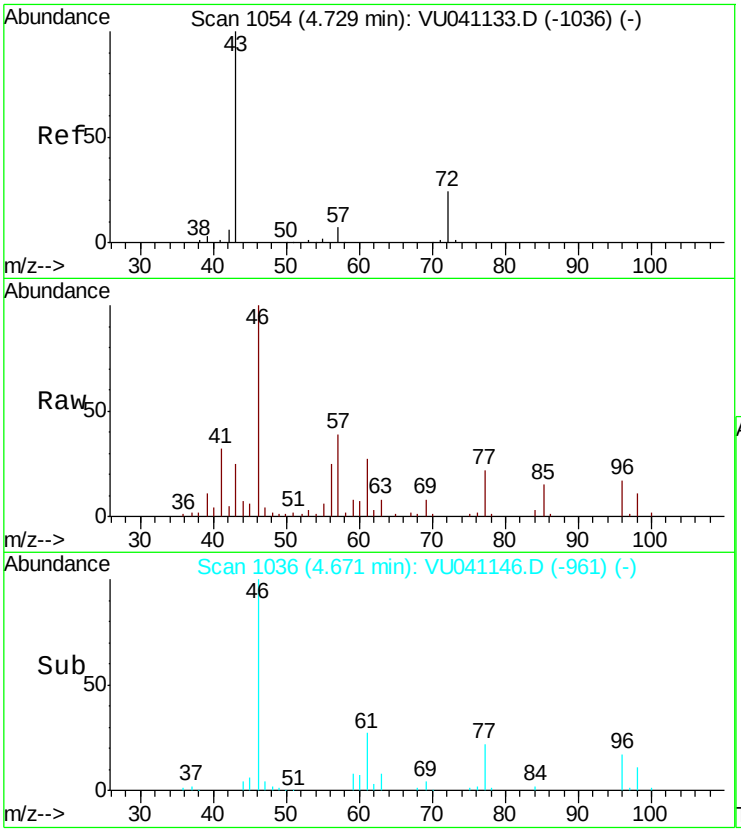


#19
1,1-Dichloroethane
Concen: 0.106 ug/L
RT: 3.84 min Scan# 779
Delta R.T. -0.04 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 63 Resp: 1014

Ion	Ratio	Lower	Upper
63	100		
65	163.5	21.3	39.6#
83	54.5	8.8	16.3#



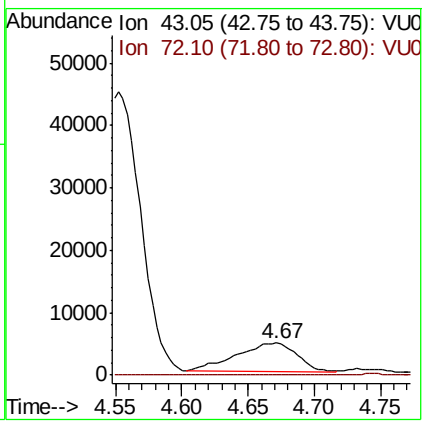


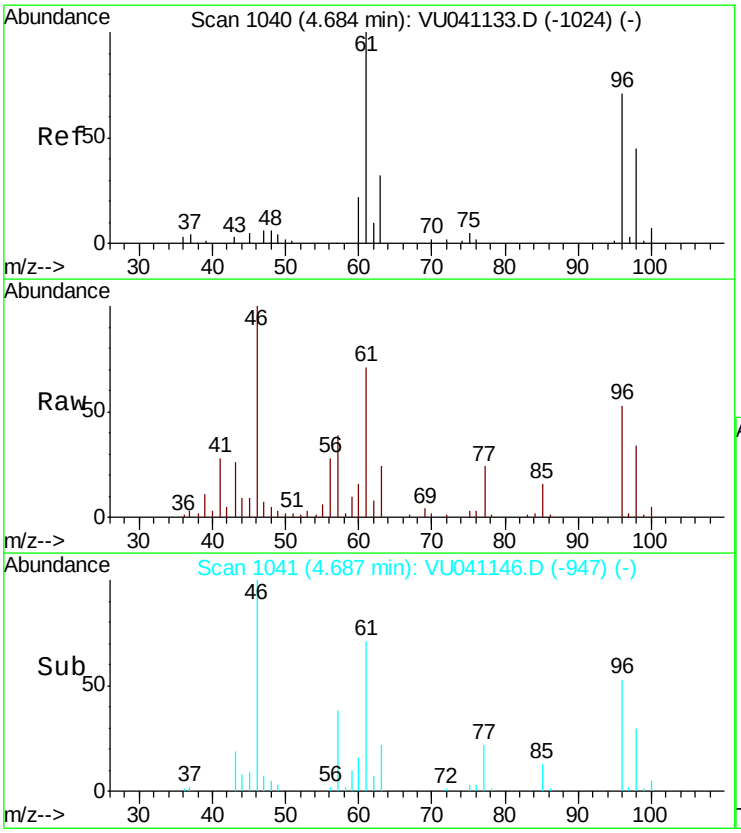
#21
2-Butanone
Concen: 7.478 ug/L
RT: 4.67 min Scan# 1036
Delta R.T. -0.06 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 43 Resp: 14747

Ion	Ratio	Lower	Upper
43	100		
72	0.6	11.8	35.4#

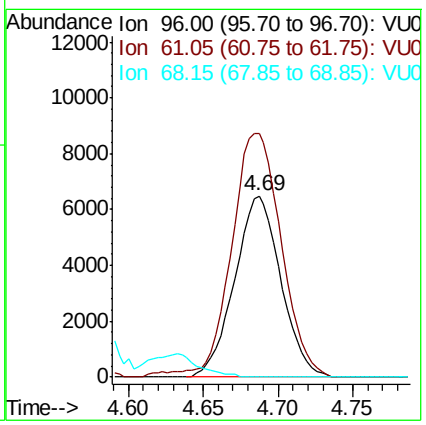


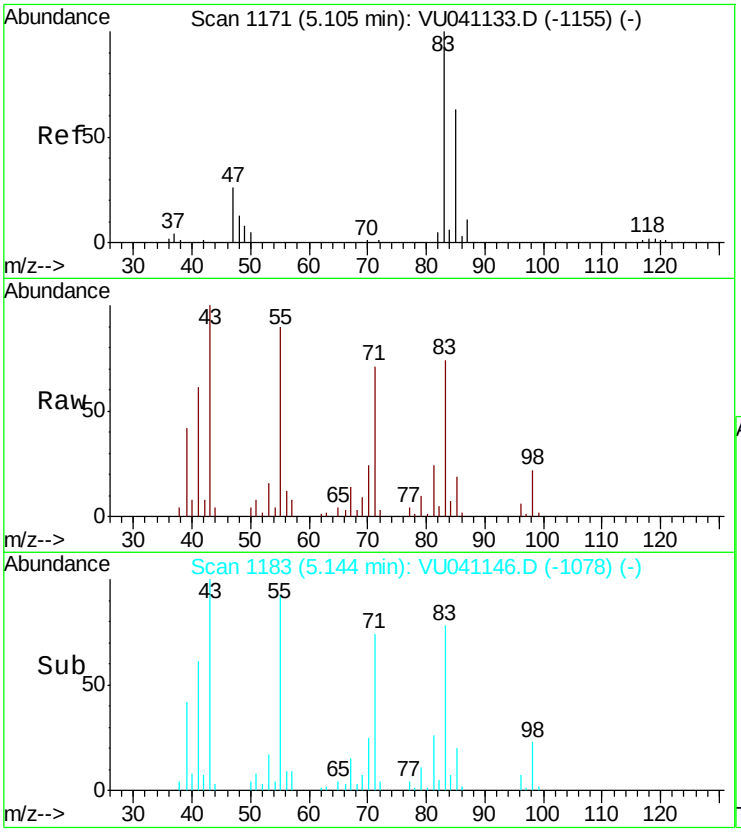


#22
cis-1,2-Dichloroethene
Concen: 2.816 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 96 Resp: 13911

Ion	Ratio	Lower	Upper
96	100		
61	134.3	97.2	180.4
68	0.0	0.0	0.0



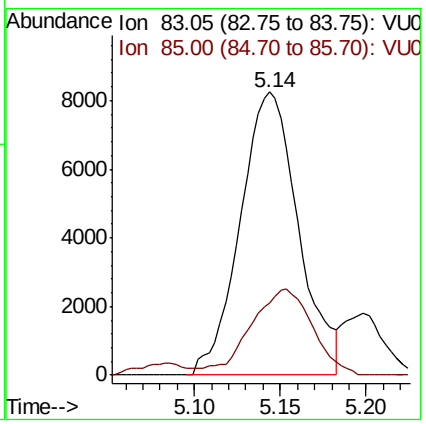


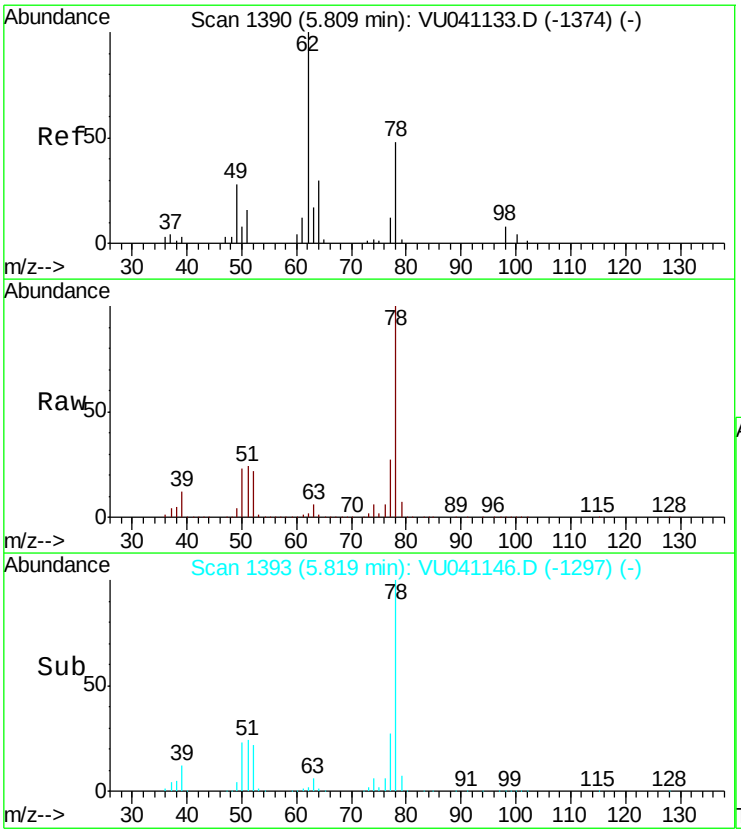
#25
Chloroform
Concen: 2.028 ug/L
RT: 5.14 min Scan# 1183
Delta R.T. 0.04 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 83 Resp: 19475

Ion	Ratio	Lower	Upper
83	100		
85	25.7	46.1	85.7#

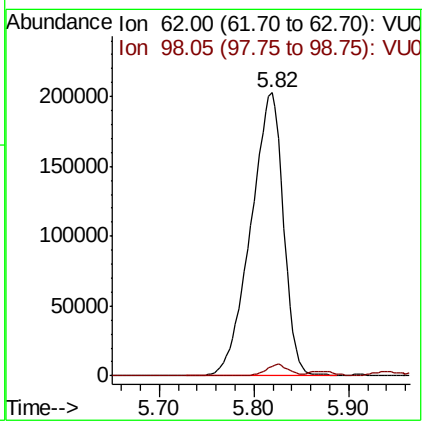


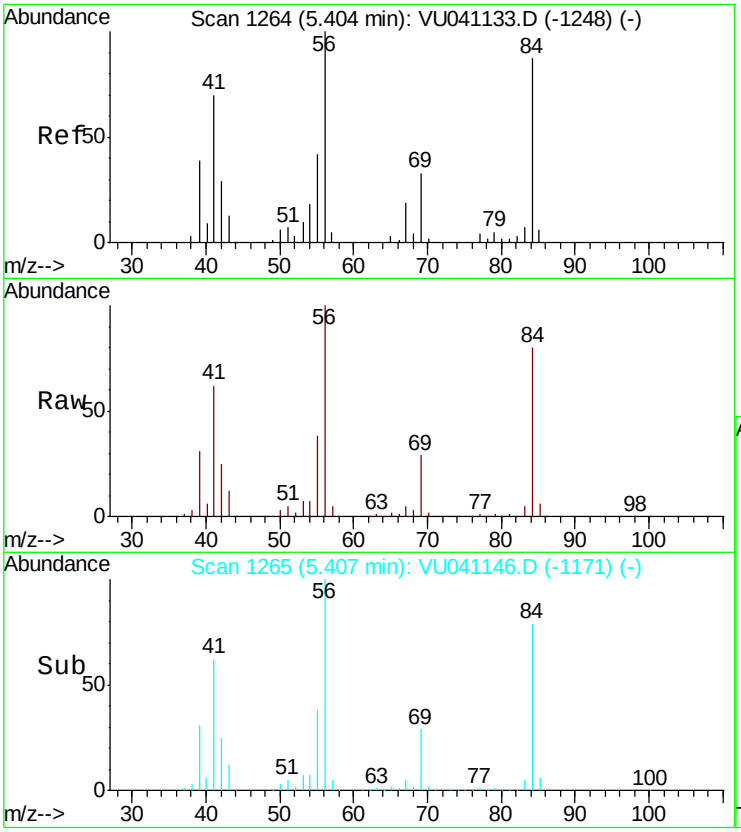


#27
1,2-Dichloroethane
Concen: 67.750 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 62 Resp: 484469

Ion	Ratio	Lower	Upper
62	100		
98	3.5	7.6	11.4#



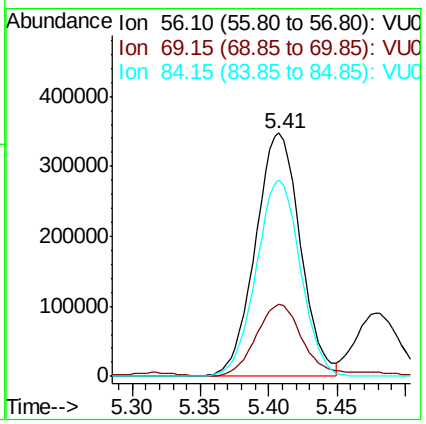


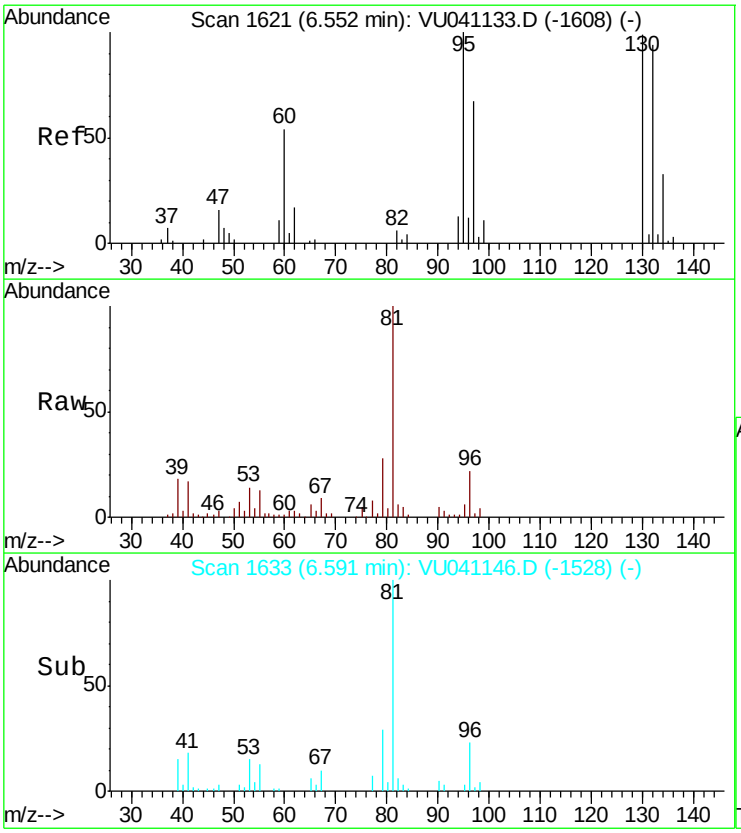
#30
Cyclohexane
Concen: 100.745 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument : MSVOA_U
ClientSampleId : GB0T7

Tgt Ion: 56 Resp: 792989

Ion	Ratio	Lower	Upper
56	100		
69	32.8	22.8	34.2
84	79.5	63.6	95.4

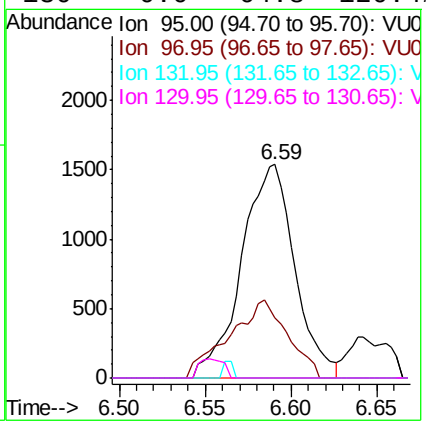


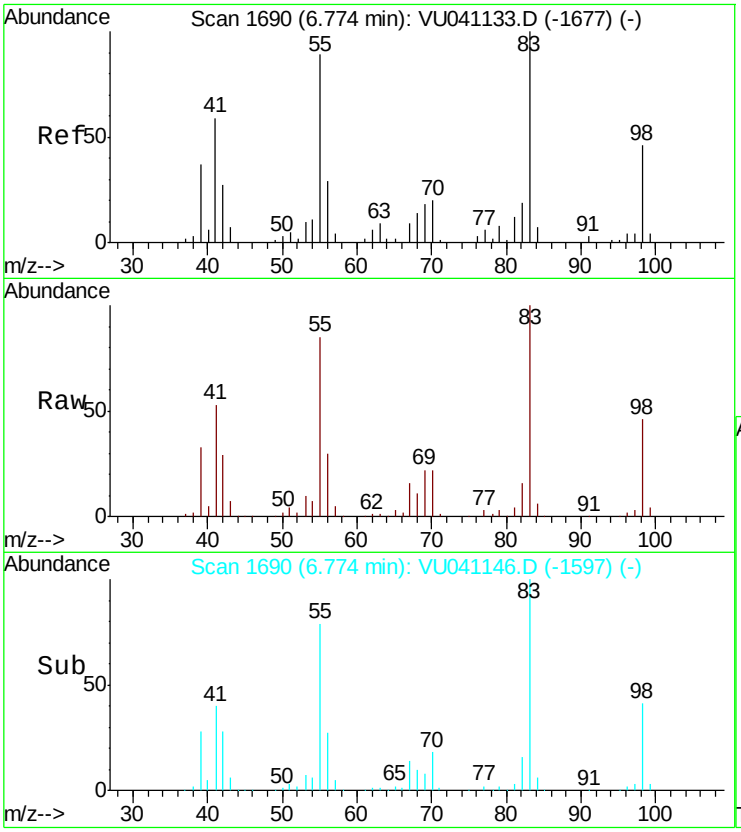


#34
Trichloroethene
Concen: 0.666 ug/L
RT: 6.59 min Scan# 1633
Delta R.T. 0.04 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 95 Resp: 3308

Ion	Ratio	Lower	Upper
95	100		
97	28.5	45.6	84.6#
132	0.0	64.8	120.4#
130	0.0	64.8	120.4#



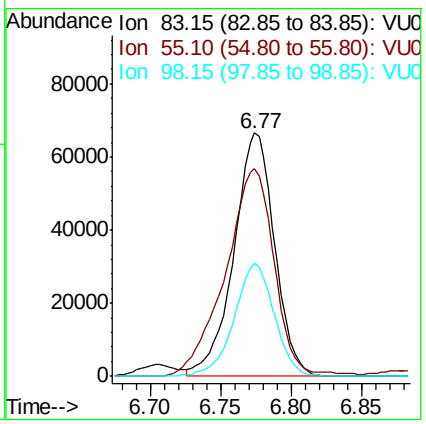


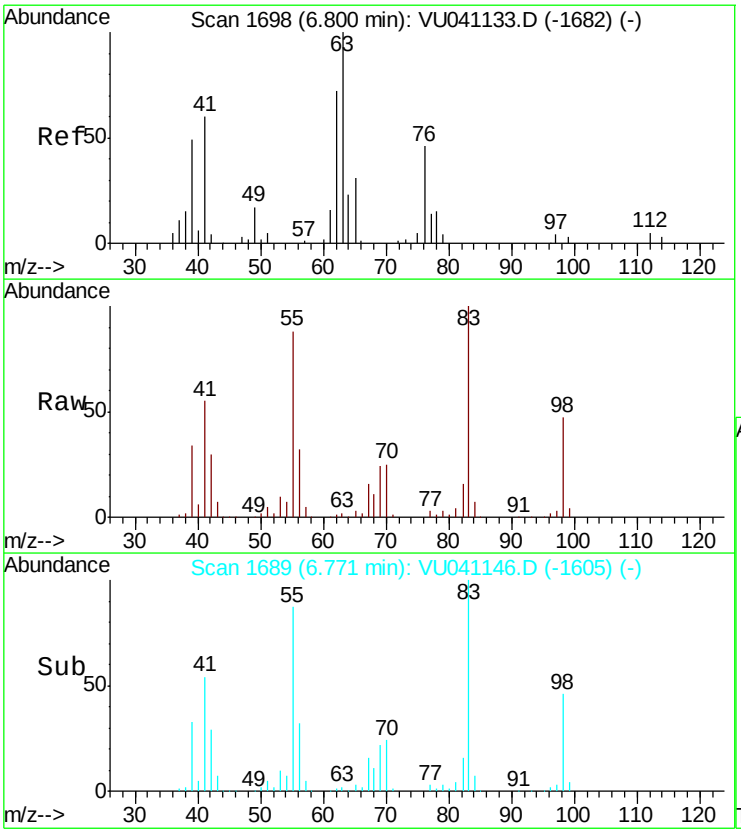
#35
Methylcyclohexane
Concen: 18.173 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 83 Resp: 134643

Ion	Ratio	Lower	Upper
83	100		
55	102.8	72.0	108.0
98	45.9	36.6	55.0

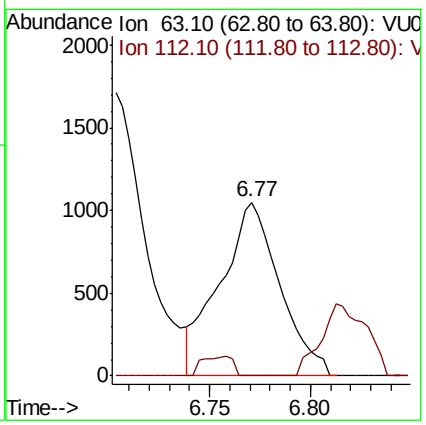


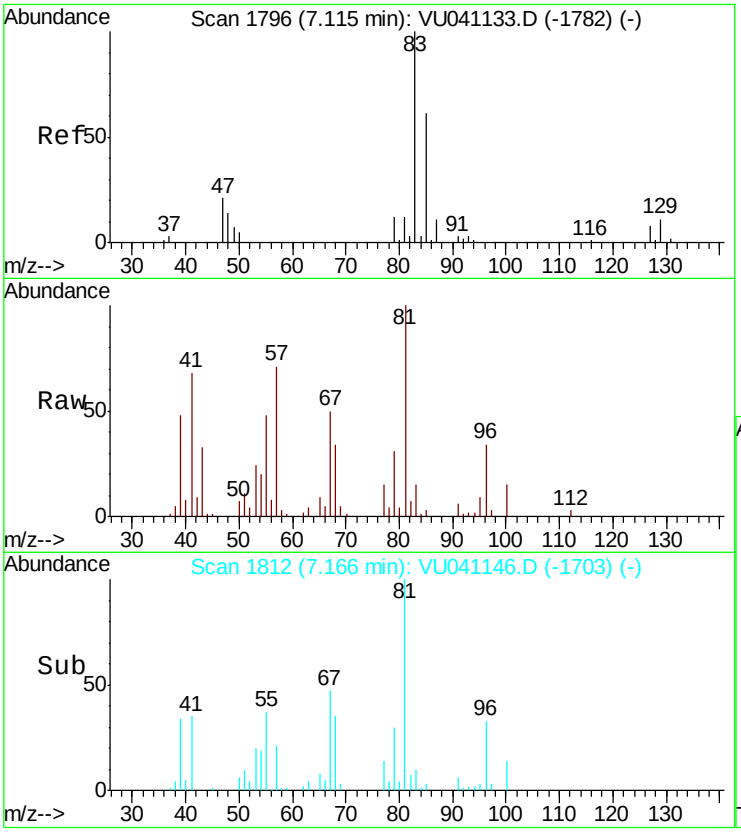


#37
1,2-Dichloropropane
Concen: 0.410 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.03 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 63 Resp: 2163

Ion	Ratio	Lower	Upper
63	100		
112	5.8	3.6	5.4#



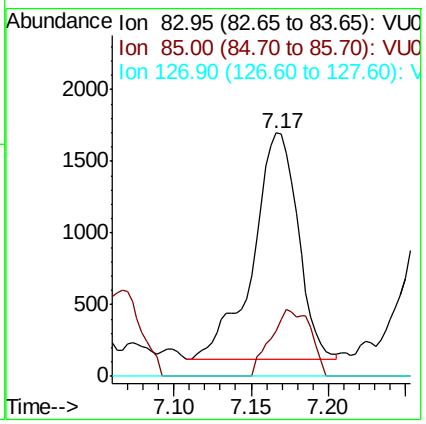


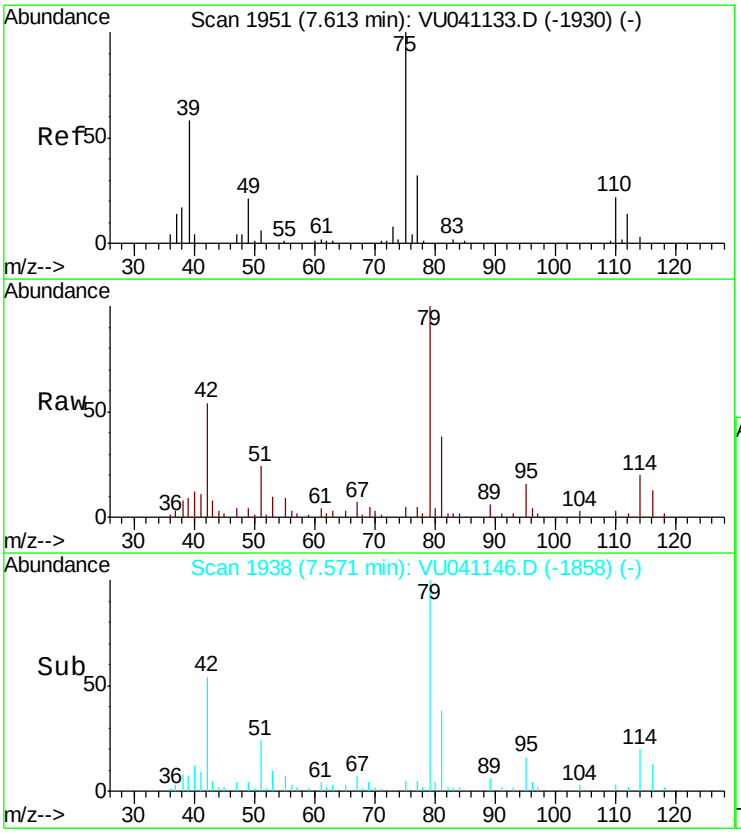
#38
Bromodichloromethane
Concen: 0.468 ug/L
RT: 7.17 min Scan# 1812
Delta R.T. 0.05 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 83 Resp: 3207

Ion	Ratio	Lower	Upper
83	100		
85	18.4	43.3	80.3#
127	0.0	5.9	8.9#

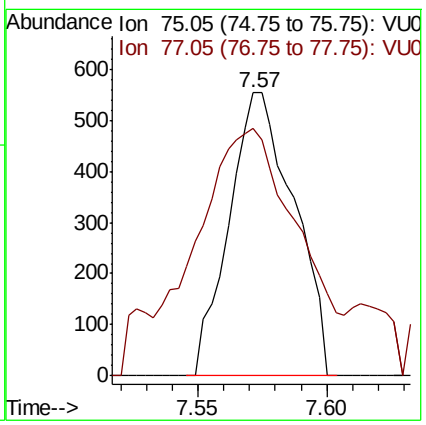


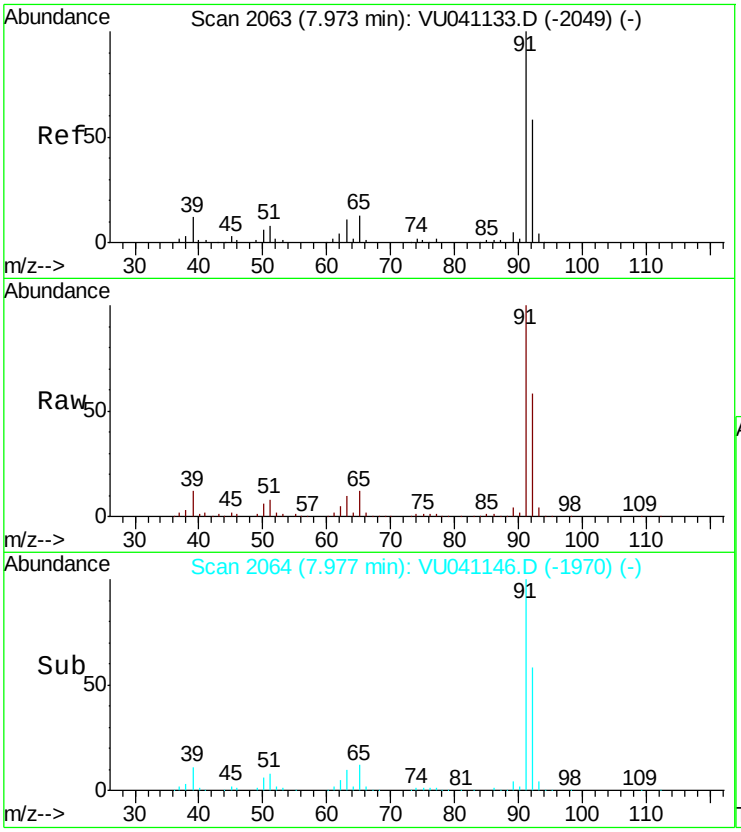


#39
cis-1,3-Dichloropropene
Concen: 0.134 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 75 Resp: 971

Ion	Ratio	Lower	Upper
75	100		
77	87.5	22.7	42.3#



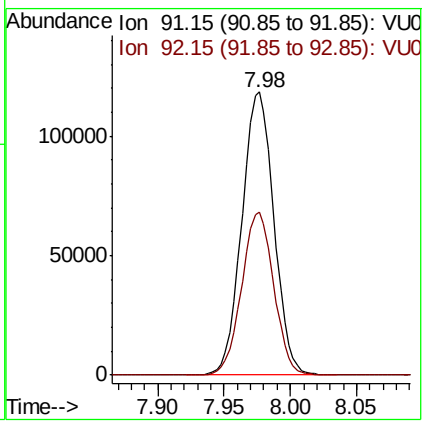


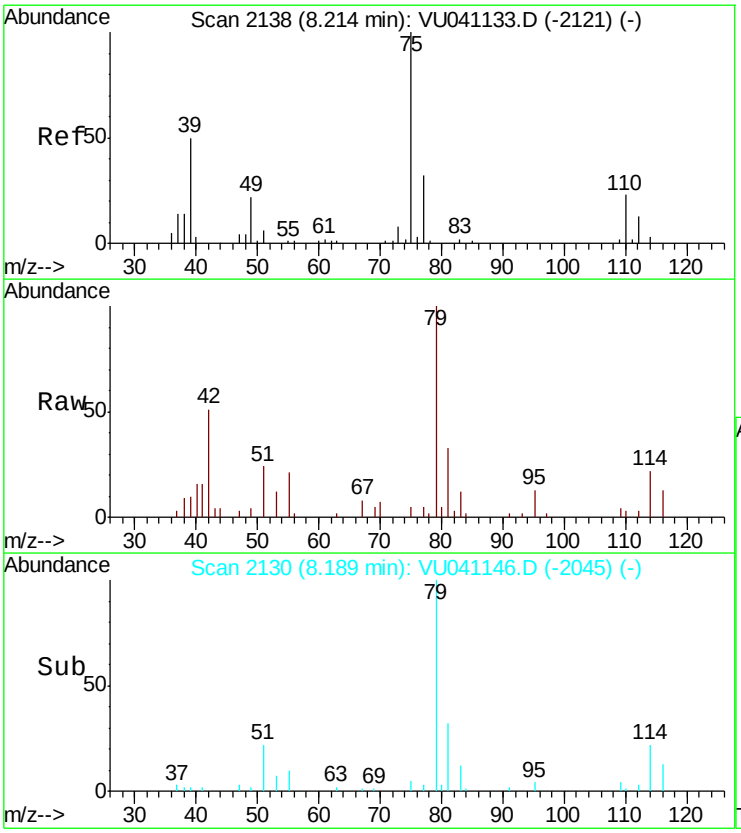
#42
Toluene
Concen: 10.068 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument : MSVOA_U
ClientSampleId : GB0T7

Tgt Ion: 91 Resp: 199268

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.6	75.4

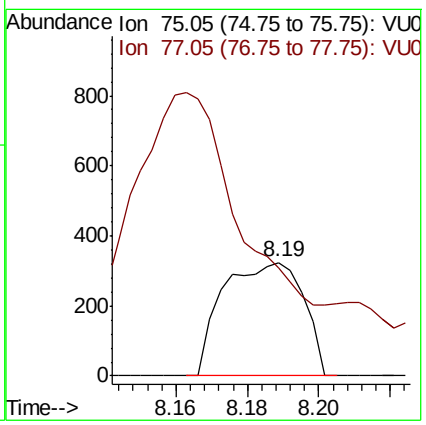


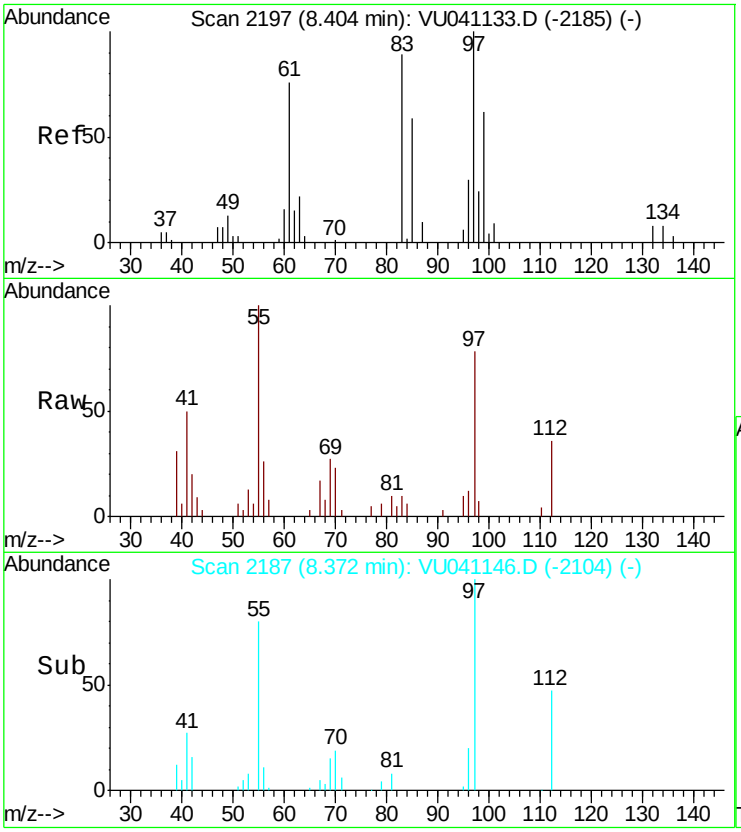


#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 75 Resp: 503

Ion	Ratio	Lower	Upper
75	100		
77	95.1	23.3	43.3#



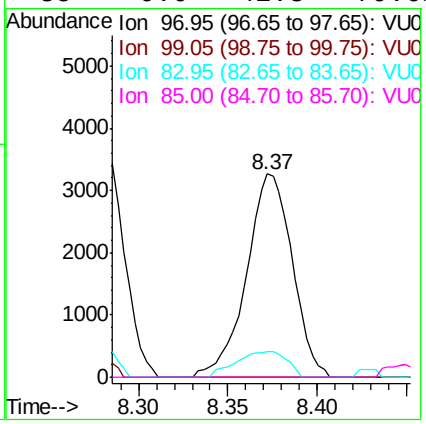


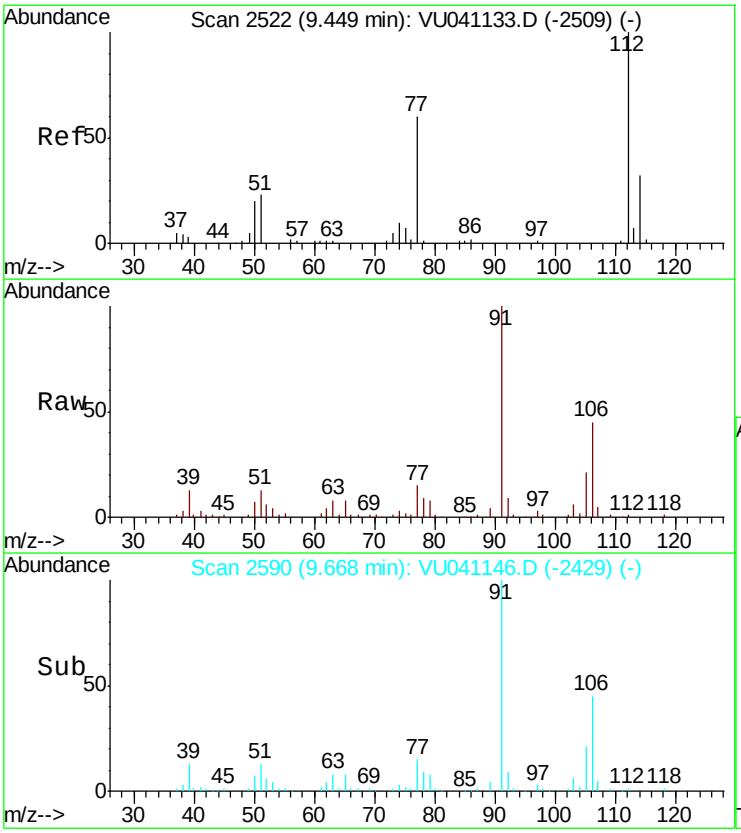
#45
1,1,2-Trichloroethane
Concen: 1.489 ug/L
RT: 8.37 min Scan# 2187
Delta R.T. -0.03 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 97 Resp: 5855

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	12.4	67.9	126.1#
85	0.0	42.8	79.6#

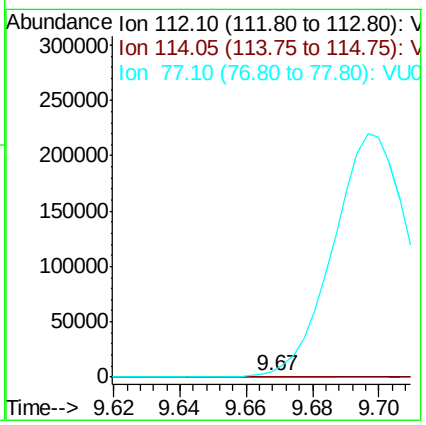


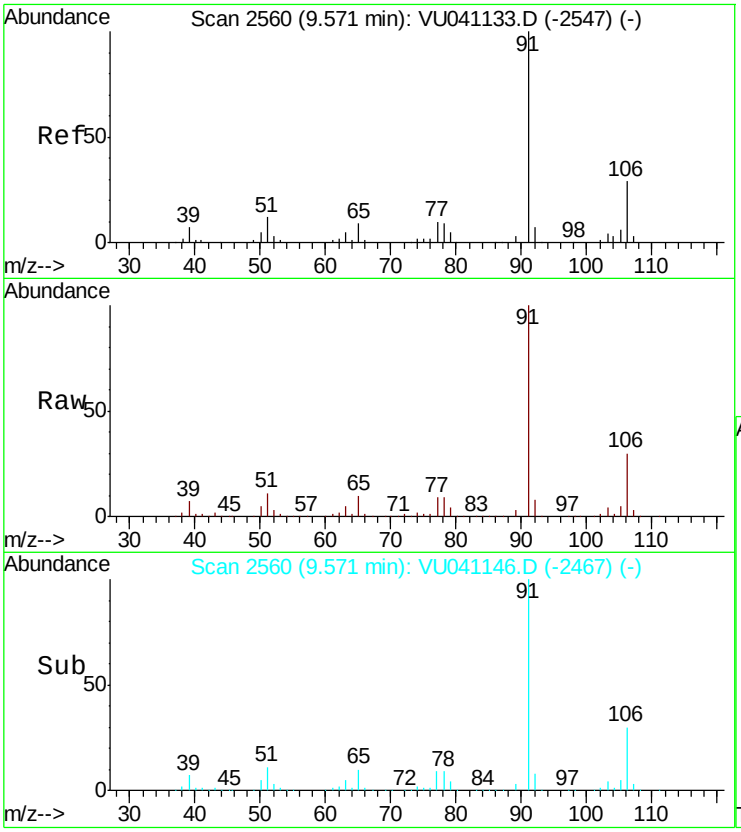


#51
Chlorobenzene
Concen: 0.049 ug/L
RT: 9.67 min Scan# 2590
Delta R.T. 0.22 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion:112 Resp: 616

Ion	Ratio	Lower	Upper
112	100		
114	0.0	22.4	41.6#
77	1067.7	51.2	76.8#



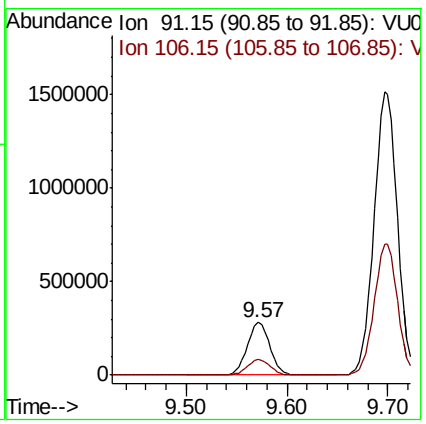


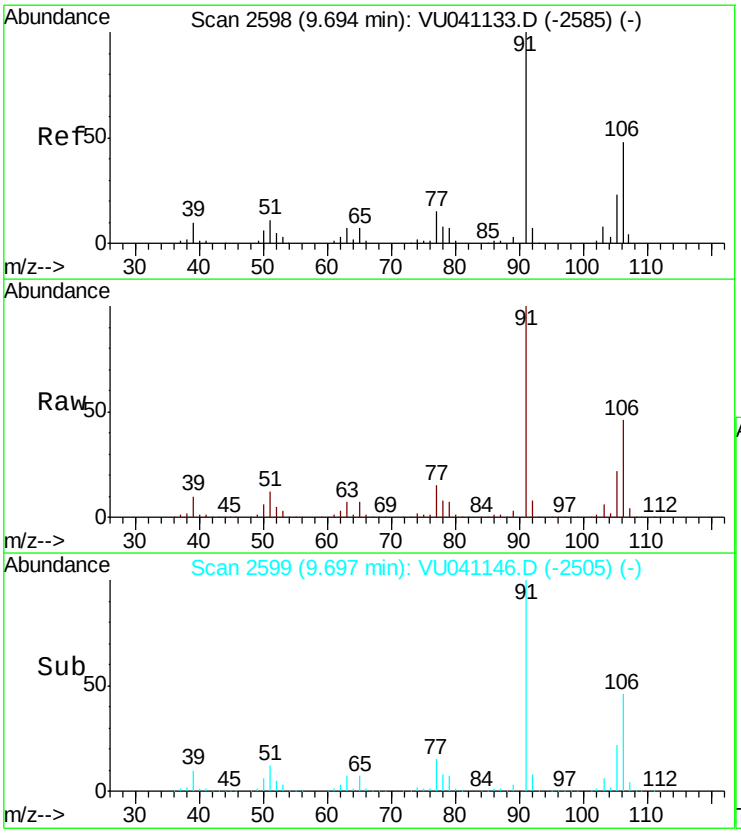
#52
Ethylbenzene
Concen: 20.803 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 91 Resp: 433394

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.0	39.0

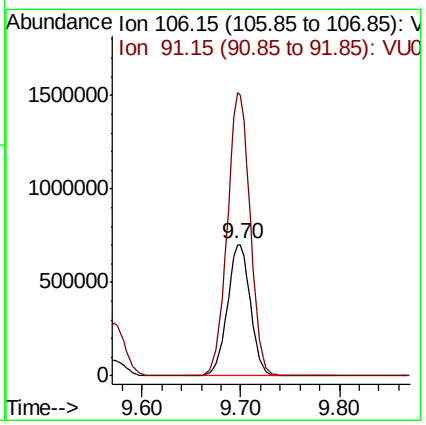


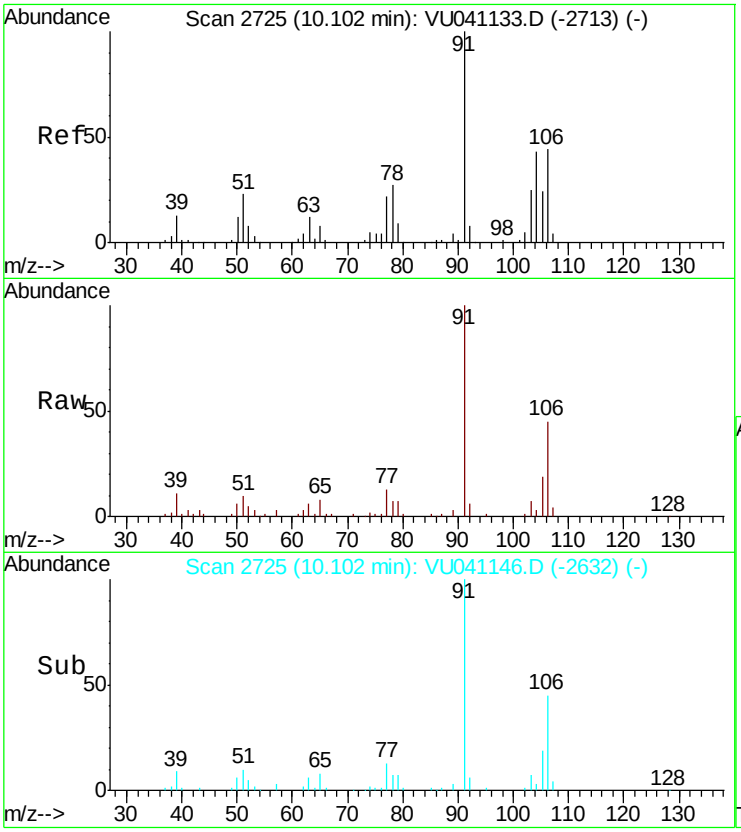


#53
m,p-Xylene
Concen: 150.287 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion:106 Resp: 1141857

Ion	Ratio	Lower	Upper
106	100		
91	215.6	150.9	280.3



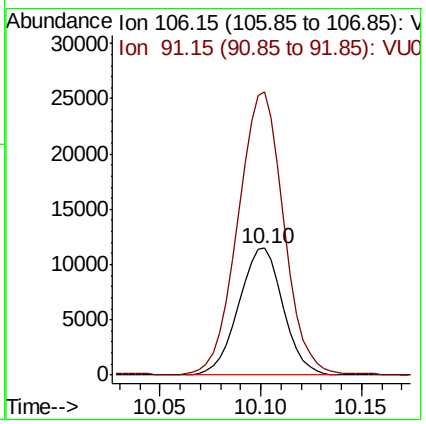


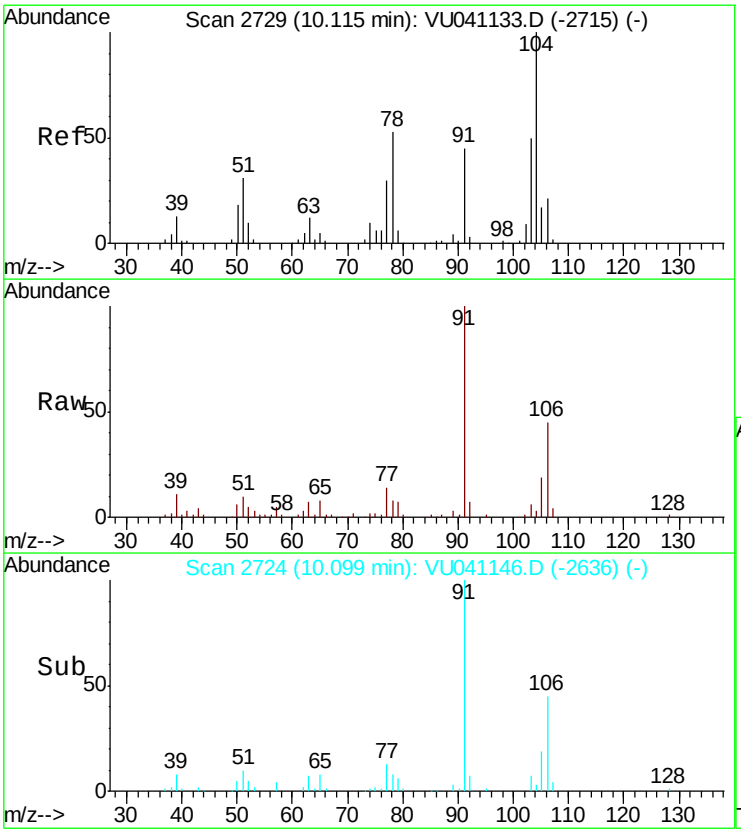
#54
o-Xylene
Concen: 2.508 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion:106 Resp: 17748

Ion	Ratio	Lower	Upper
106	100		
91	222.9	154.3	286.5

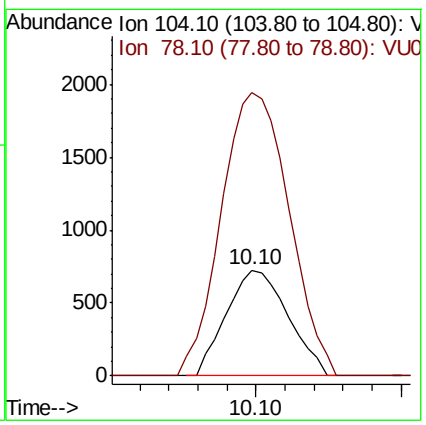


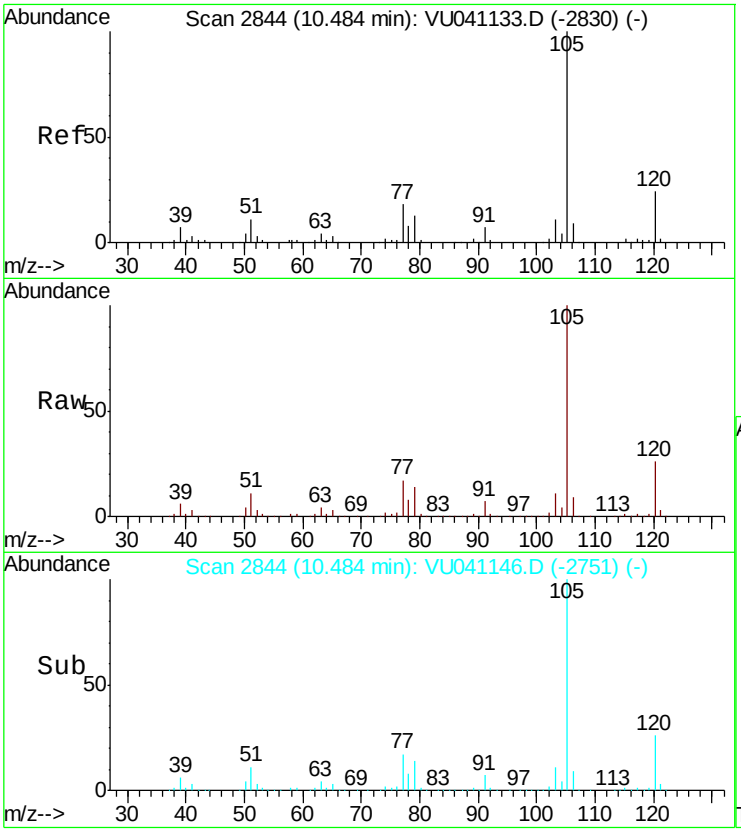


#55
Styrene
Concen: 0.085 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.02 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion:104 Resp: 1071

Ion	Ratio	Lower	Upper
104	100		
78	268.2	35.5	65.9#



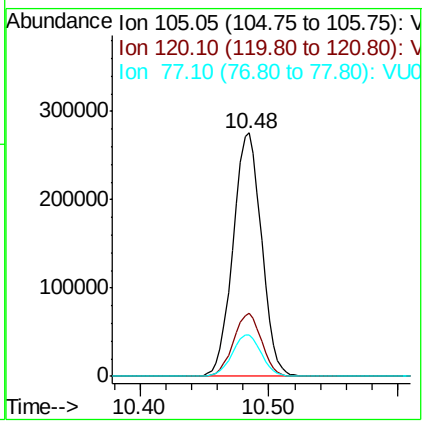


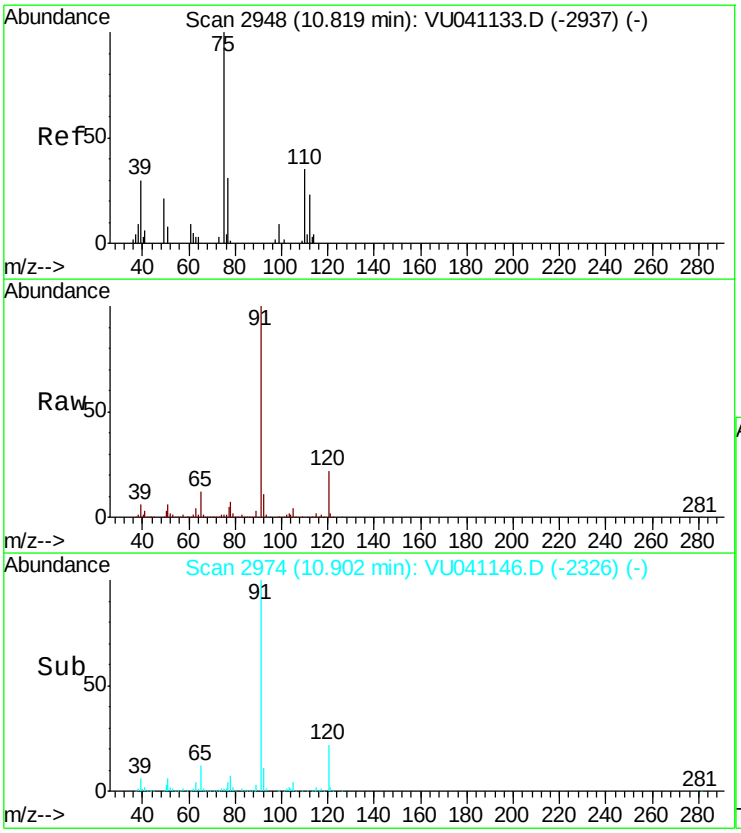
#56
Isopropylbenzene
Concen: 22.237 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion:105 Resp: 423125

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1
77	17.4	13.8	20.6

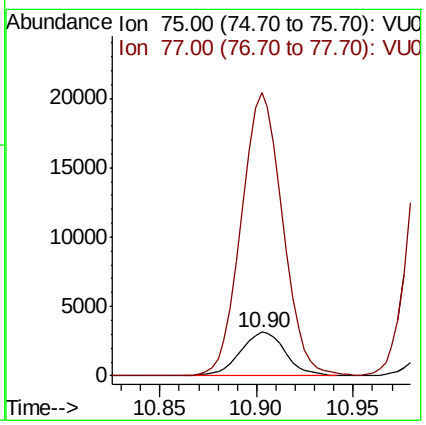


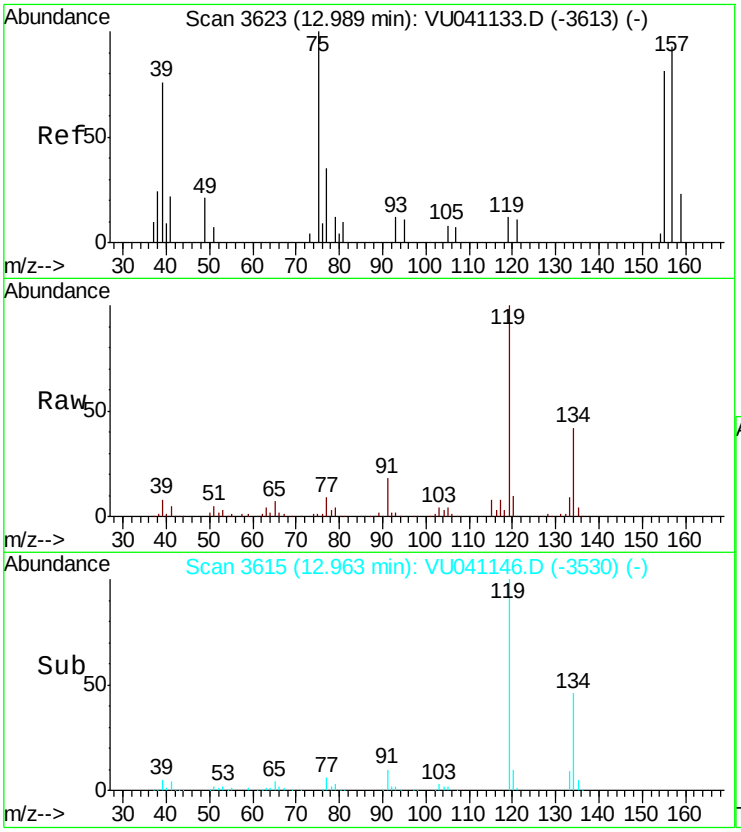


#59
1,2,3-Trichloropropane
Concen: 1.304 ug/L
RT: 10.90 min Scan# 2974
Delta R.T. 0.08 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 75 Resp: 5131

Ion	Ratio	Lower	Upper
75	100		
77	593.2	25.7	38.5#



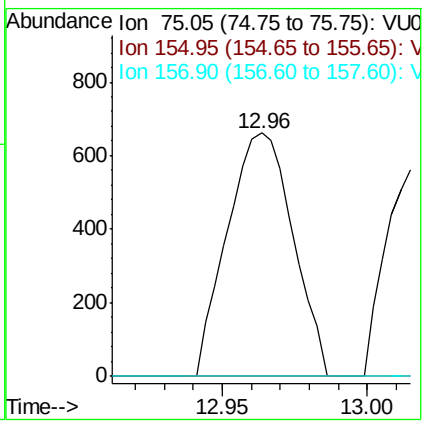


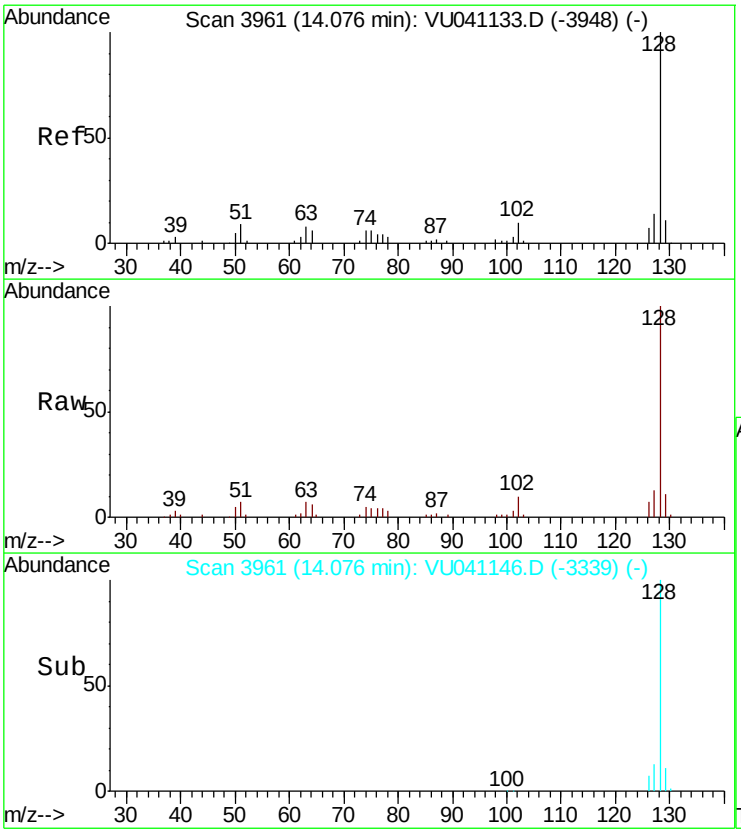
#66
1,2-Dibromo-3-chloropropane
Concen: 1.132 ug/L
RT: 12.96 min Scan# 3615
Delta R.T. -0.03 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 75 Resp: 1038

Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.4	92.2#
157	0.0	74.2	111.4#





#69
Naphthalene
Concen: 4.018 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion:128 Resp: 39477

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	14.1	10.8	16.2