Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Time: Nov 20 05:57:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	64401	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.42	117	62806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30374	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	14022	2.96	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.20%			
7) Chloroethane-d5	1.93	69	14199	3.50	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.00%			
11) 1,1-Dichloroethene-d2	2.58	63	23729	2.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 48.40%#			
20) 2-Butanone-d5	4.75	46	78008	39.94	ug/L	0.09
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.88%			
24) Chloroform-d	5.11	84	43160	4.21	ug/L	0.04
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.20%			
26) 1,2-Dichloroethane-d4	5.75	65	27232	4.07	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
32) Benzene-d6	5.77	84	68779	4.06	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.20%			
36) 1,2-Dichloropropane-d6	6.72	67	25740	4.41	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	7.91	98	53745	3.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.40%#			
43) trans-1,3-Dichloropropene-	8.20	79	9309	3.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.20%			
46) 2-Hexanone-d5	8.65	63	60416	45.04	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.08%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24361	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	26895	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	789	0.138	ug/L	90
5) Vinyl chloride	1.62	62	23655	4.231	ug/L #	76
8) Chloroethane	1.95	64	8456	2.279	ug/L #	57
13) Acetone	2.78	43	7585	5.854	ug/L	72
14) Carbon disulfide	2.81	76	4487	0.364	ug/L	98
15) Methyl Acetate	3.02	43	1342	0.499	ug/L #	75
17) Methyl tert-butyl Ether	3.41	73	1360	0.118	ug/L #	62
18) trans-1,2-Dichloroethene	3.37	96	17210	4.215	ug/L	96
19) 1,1-Dichloroethane	3.90	63	3000	0.329	ug/L	97
21) 2-Butanone	4.83	43	8616	4.380	ug/L	86
22) cis-1,2-Dichloroethene	4.71	96	18832	4.084	ug/L	93
27) 1,2-Dichloroethane	5.84	62	1222	0.172	ug/L #	74
33) Benzene	5.81	78	26855	1.578	ug/L	100
34) Trichloroethene	6.57	95	2134	0.464	ug/L	85
35) Methylcyclohexane	6.72	83	6122	1.002	ug/L #	14
37) 1,2-Dichloropropane	6.72	63	3044	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	603	0.087	ug/L #	66

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Time: Nov 20 05:57:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.99	91	56763	3.121	ug/L		94
44) trans-1,3-Dichloropropene	8.20	75	434	0.066	ug/L	#	63
45) 1,1,2-Trichloroethane	8.29	97	530	0.138	ug/L	#	11
48) 2-Hexanone	8.70	43	2445	0.796	ug/L	#	79
50) 1,2-Dibromoethane	9.06	107	273	0.076	ug/L	#	6
51) Chlorobenzene	9.46	112	634	0.053	ug/L	#	52
52) Ethylbenzene	9.57	91	12466	0.642	ug/L		98
53) m,p-Xylene	9.70	106	11012	1.569	ug/L		98
54) o-Xylene	10.10	106	5623	0.832	ug/L		95
56) Isopropylbenzene	10.48	105	1528	0.085	ug/L		97
59) 1,2,3-Trichloropropane	11.81	75	4004	1.021	ug/L	#	71
69) Naphthalene	14.08	128	3251	0.371	ug/L	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
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Acq On : 19 Nov 2020 14:43
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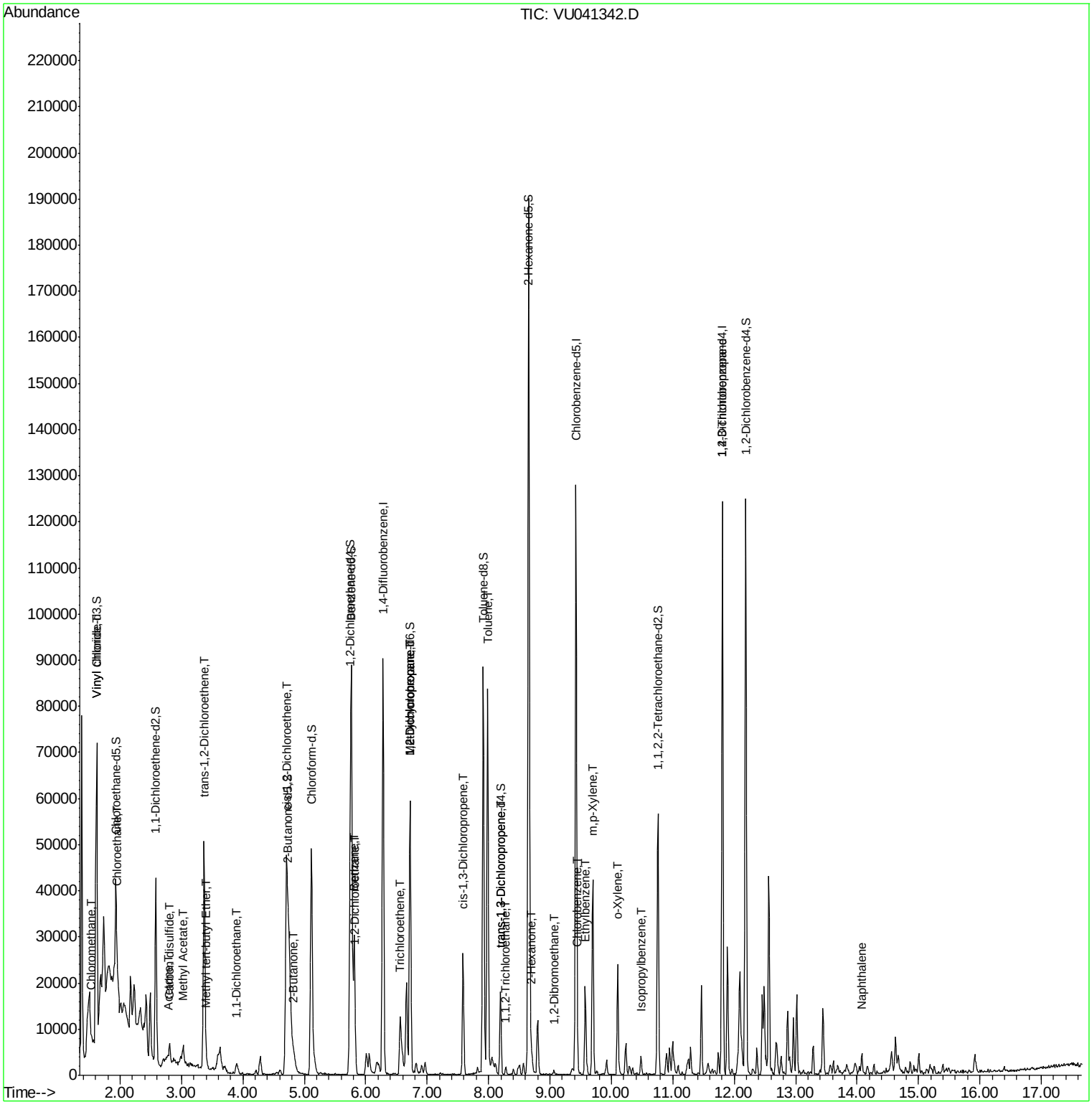
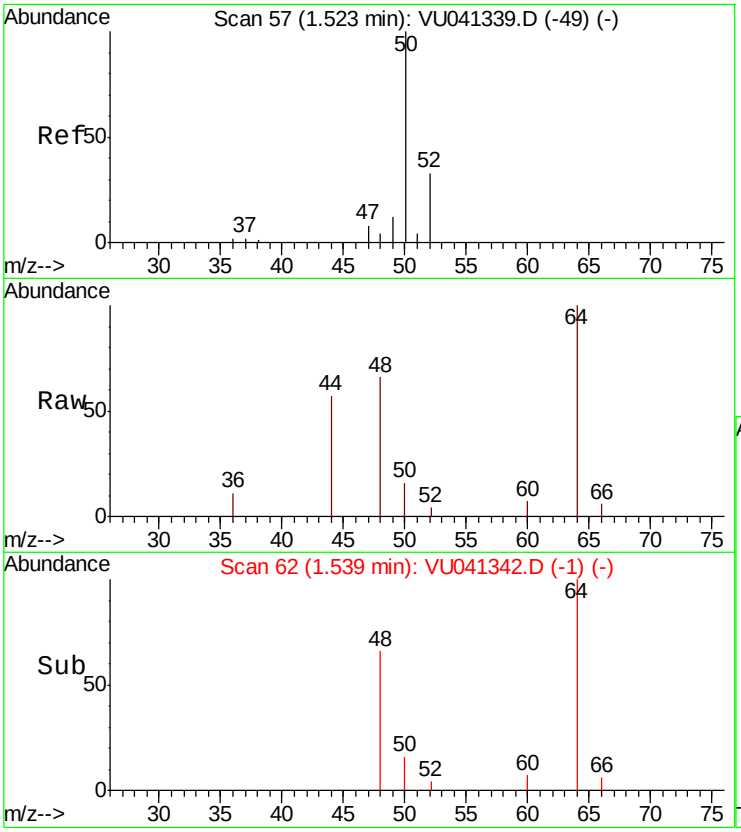
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration



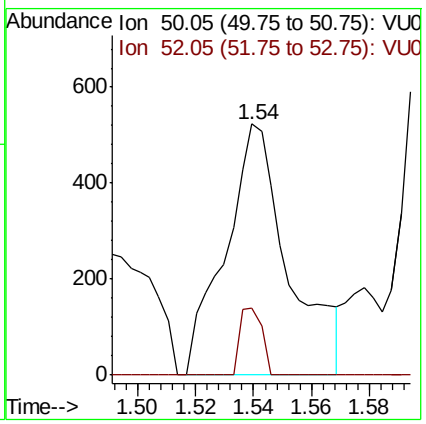


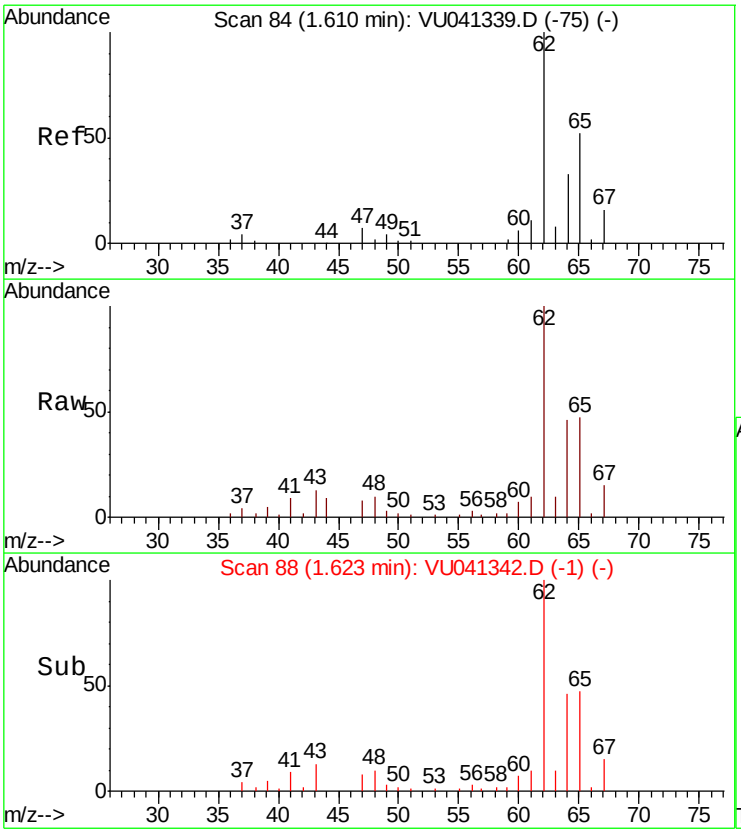
#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.02 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument :
MSVOA_U
ClientSampleId :
H4391

Tgt Ion: 50 Resp: 789

Ion	Ratio	Lower	Upper
50	100		
52	26.6	22.4	41.6

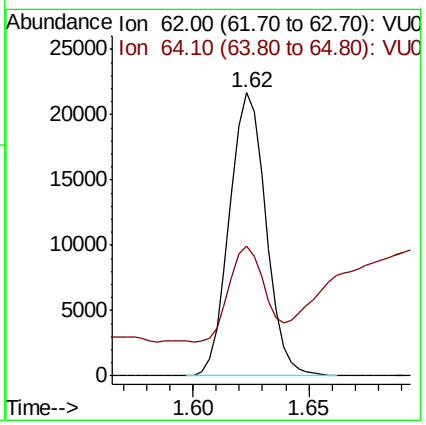


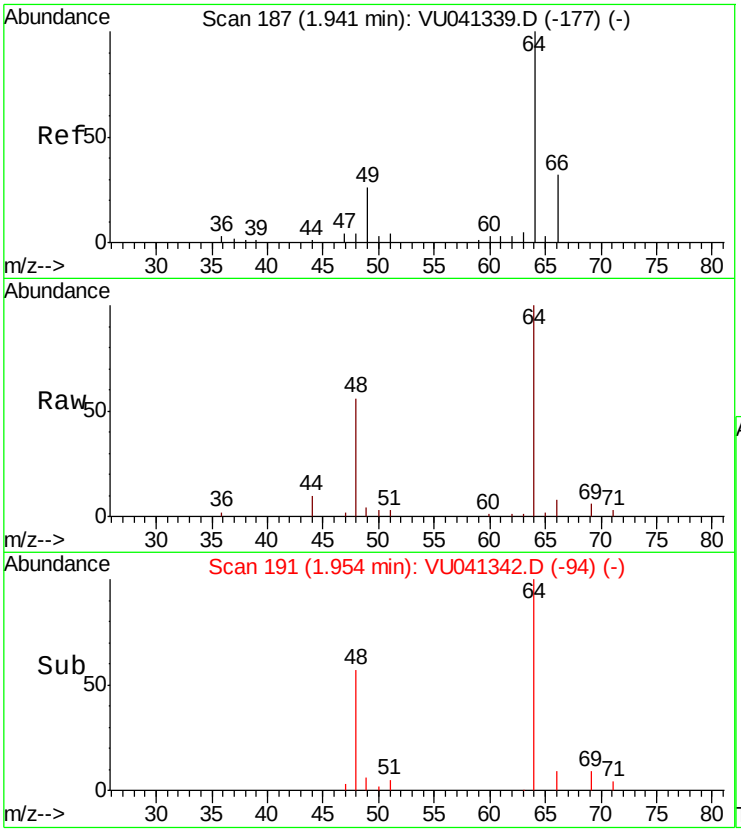


#5
Vinyl chloride
Concen: 4.231 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 62 Resp: 23655

Ion	Ratio	Lower	Upper
62	100		
64	45.8	22.7	42.3#



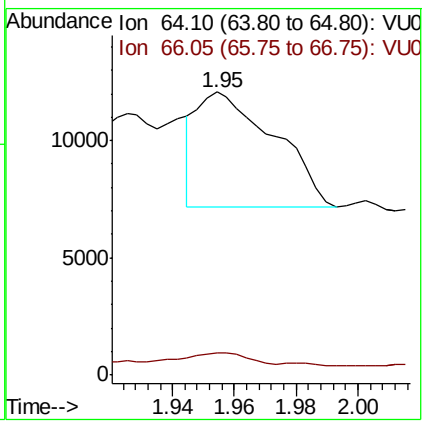


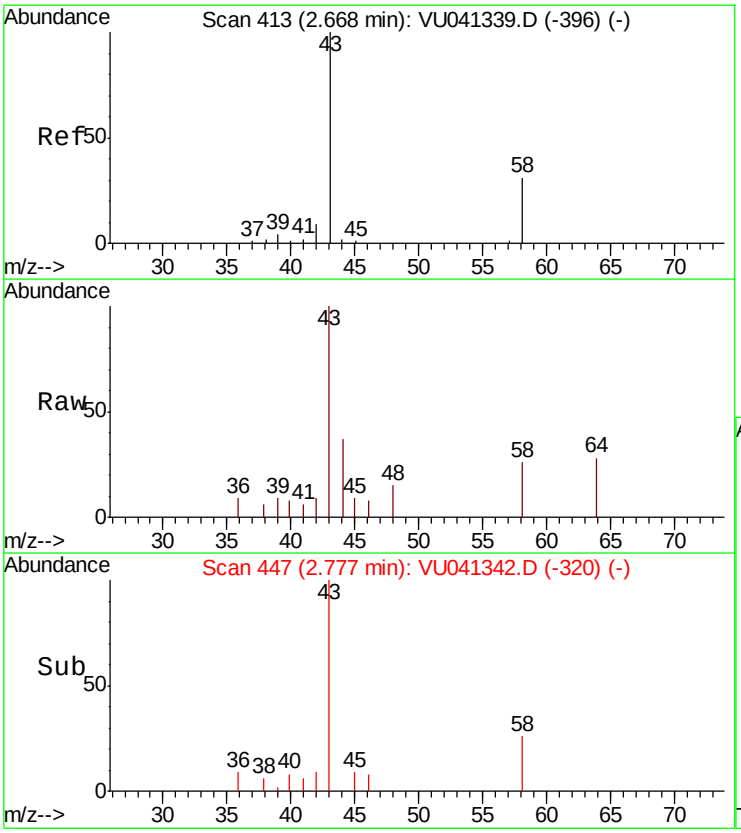
#8
Chloroethane
Concen: 2.279 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion: 64 Resp: 8456

Ion	Ratio	Lower	Upper
64	100		
66	7.9	22.3	41.5#

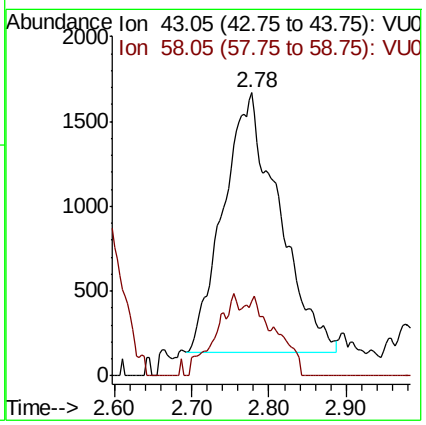


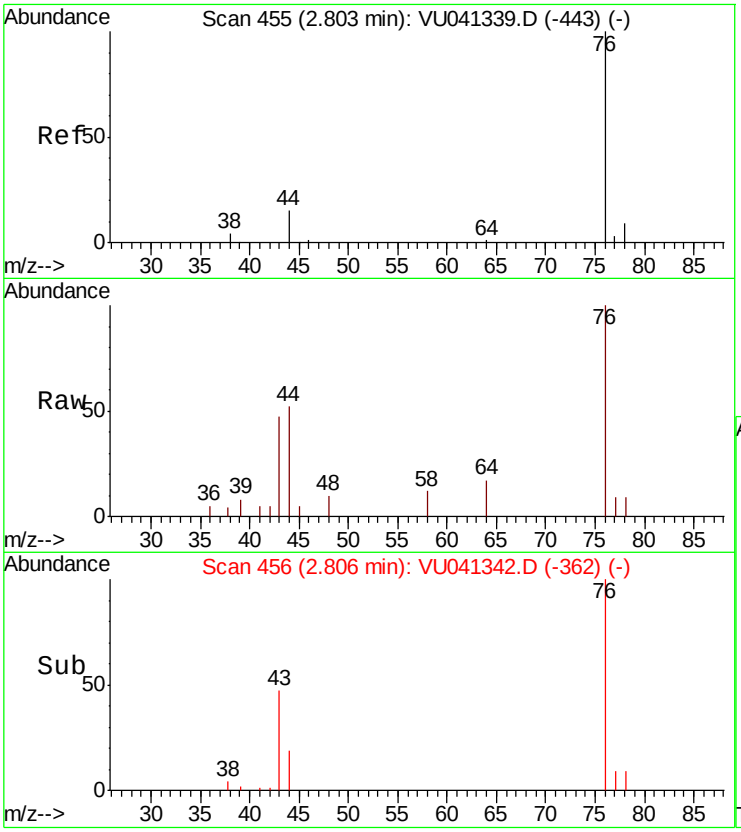


#13
Acetone
Concen: 5.854 ug/L
RT: 2.78 min Scan# 447
Delta R.T. 0.11 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 43 Resp: 7585

Ion	Ratio	Lower	Upper
43	100		
58	1.6	0.0	25.4



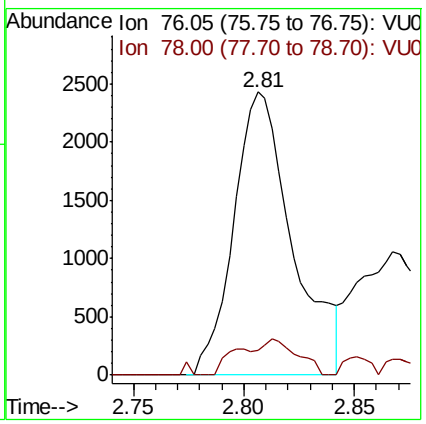


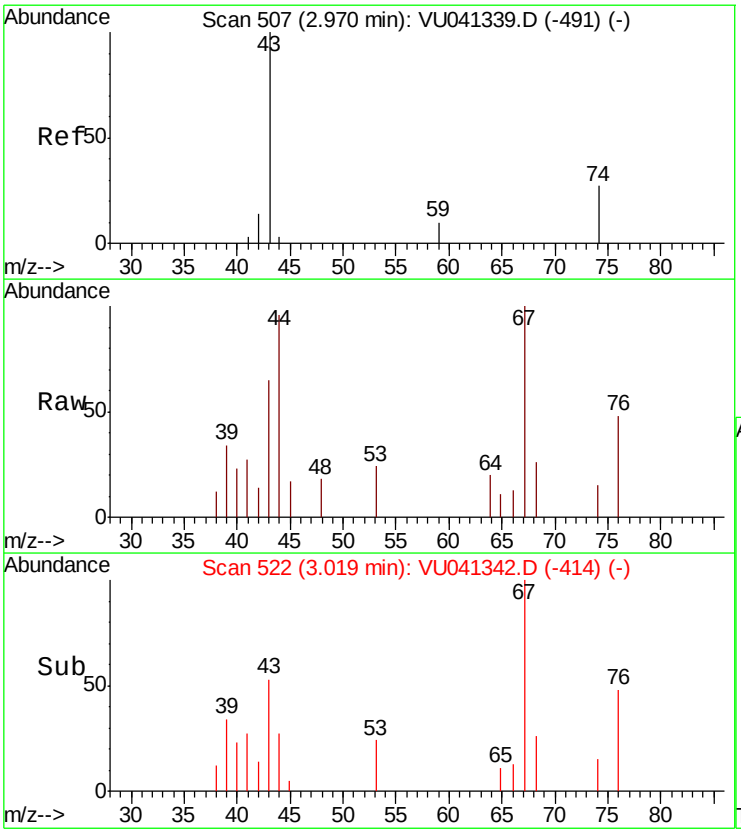
#14
Carbon disulfide
Concen: 0.364 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument :
MSVOA_U
ClientSampleId :
H4391

Tgt Ion: 76 Resp: 4487

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

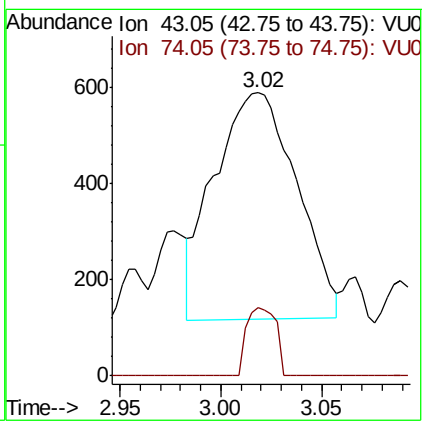


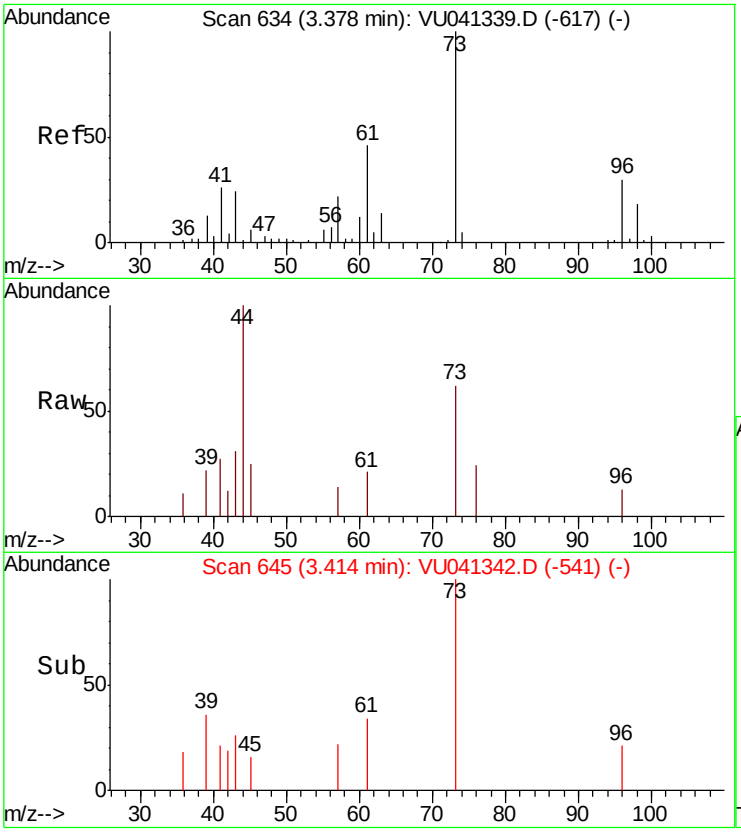


#15
Methyl Acetate
Concen: 0.499 ug/L
RT: 3.02 min Scan# 522
Delta R.T. 0.05 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 43 Resp: 1342

Ion	Ratio	Lower	Upper
43	100		
74	10.8	18.3	27.5#



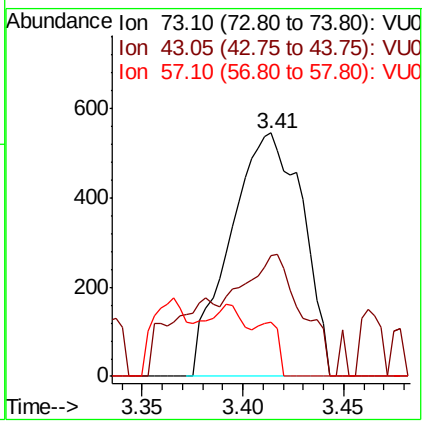


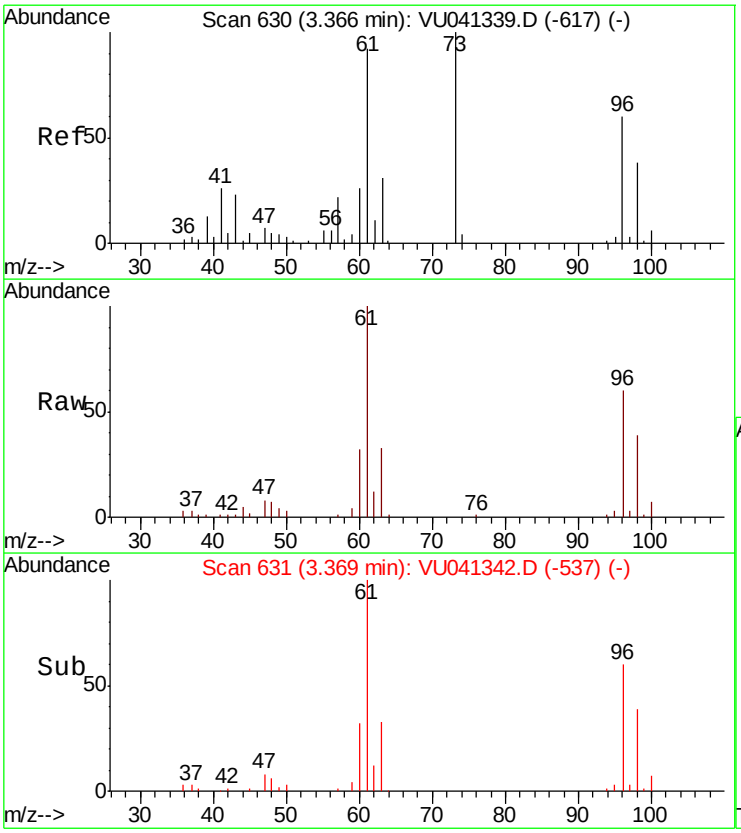
#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.04 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion: 73 Resp: 1360

Ion	Ratio	Lower	Upper
73	100		
43	43.8	18.5	27.7#
57	6.5	18.4	27.6#

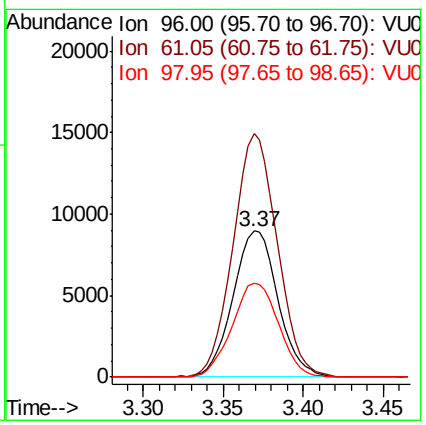


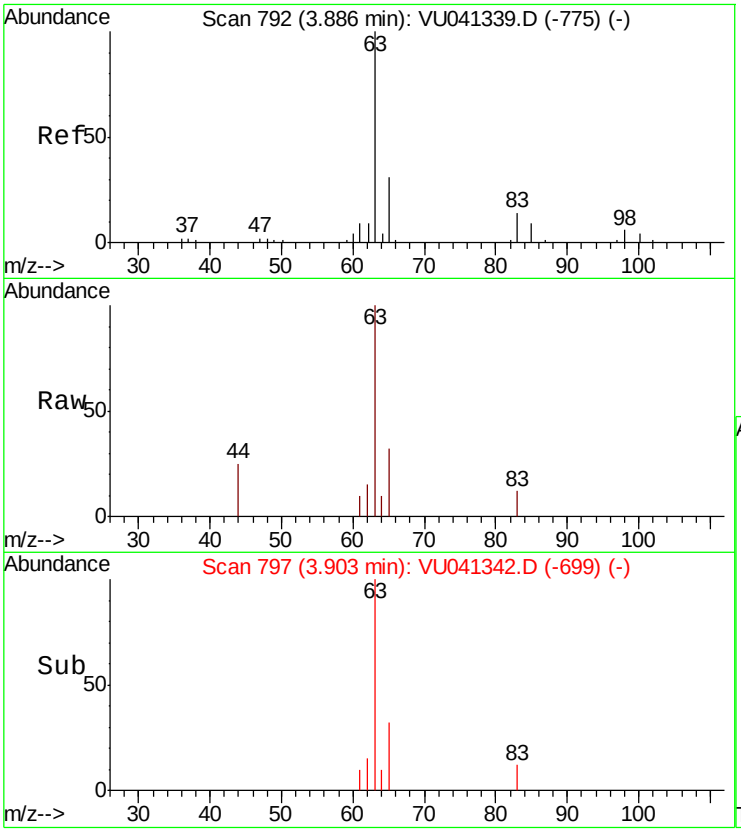


#18
trans-1,2-Dichloroethene
Concen: 4.215 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 96 Resp: 17210

Ion	Ratio	Lower	Upper
96	100		
61	166.5	110.9	205.9
98	64.6	45.4	84.2



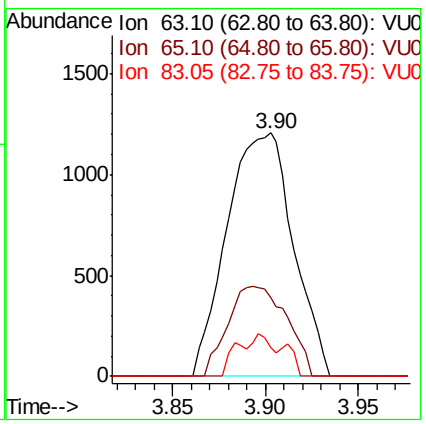


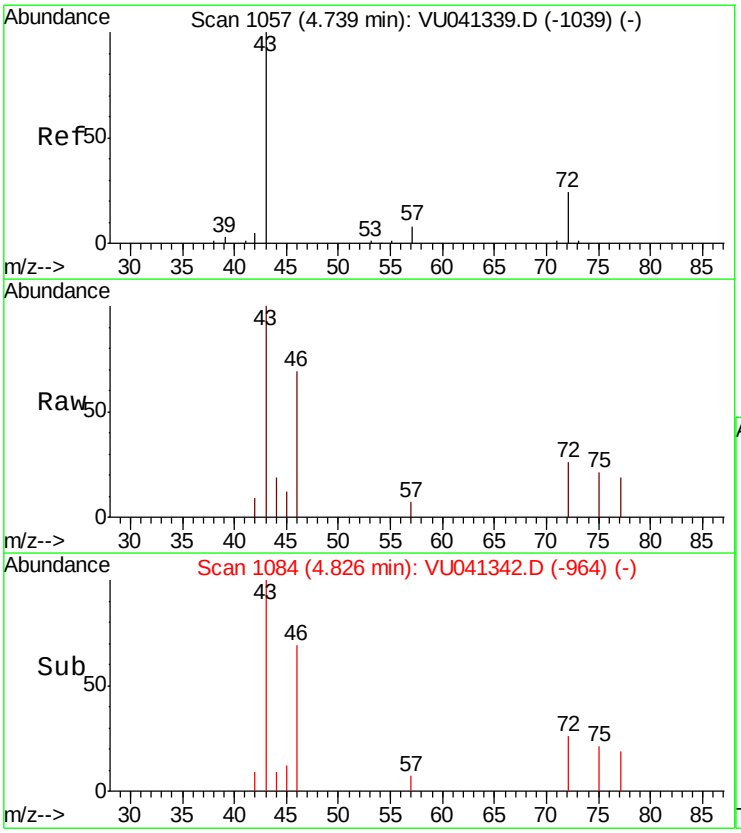
#19
1,1-Dichloroethane
Concen: 0.329 ug/L
RT: 3.90 min Scan# 797
Delta R.T. 0.02 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion: 63 Resp: 3000

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.3	39.6
83	11.6	8.8	16.3

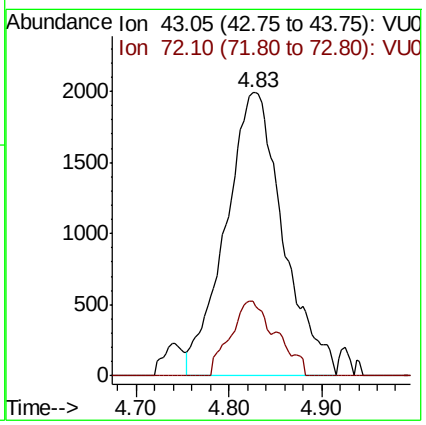


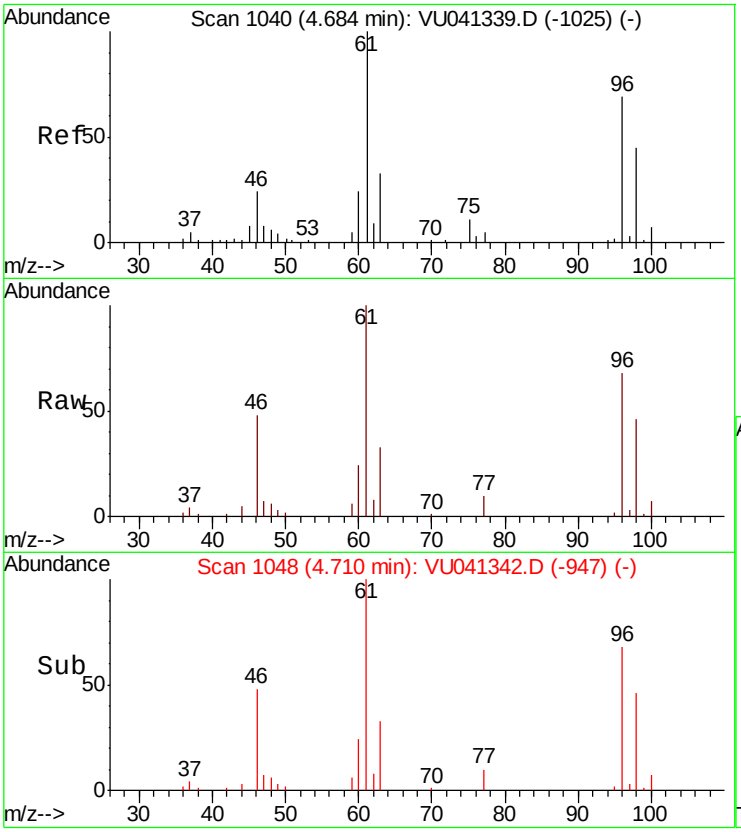


#21
2-Butanone
Concen: 4.380 ug/L
RT: 4.83 min Scan# 1084
Delta R.T. 0.09 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 43 Resp: 8616

Ion	Ratio	Lower	Upper
43	100		
72	16.6	11.8	35.4



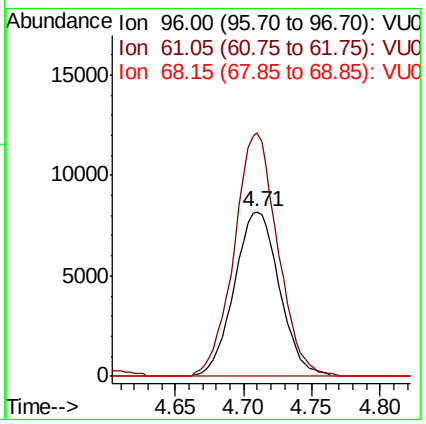


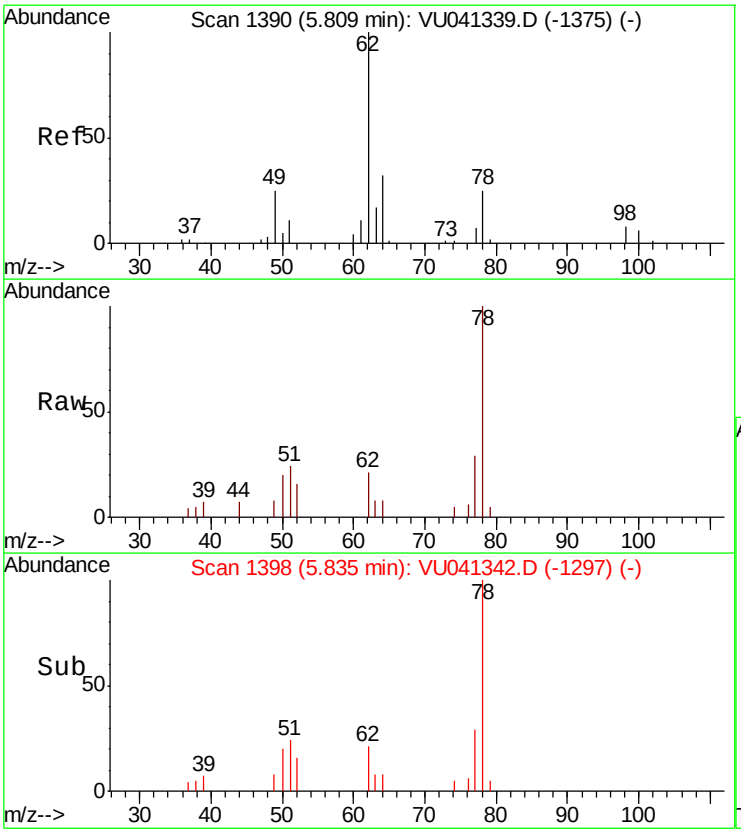
#22
cis-1,2-Dichloroethene
Concen: 4.084 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.03 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion: 96 Resp: 18832

Ion	Ratio	Lower	Upper
96	100		
61	147.7	97.2	180.4
68	0.0	0.0	0.0

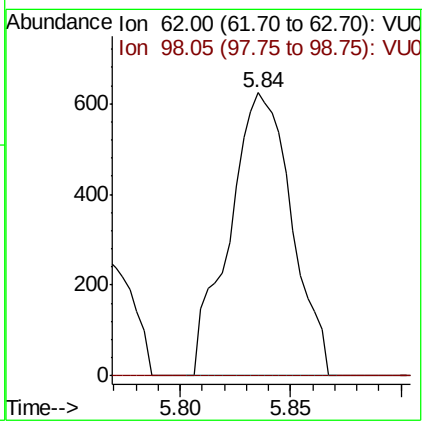


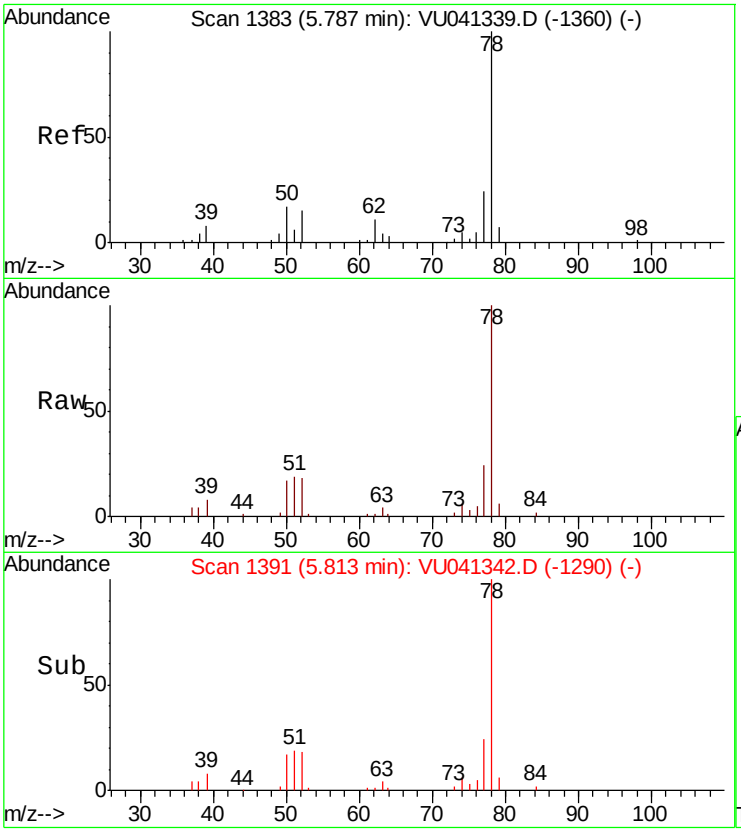


#27
1,2-Dichloroethane
Concen: 0.172 ug/L
RT: 5.84 min Scan# 1398
Delta R.T. 0.03 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 62 Resp: 1222

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

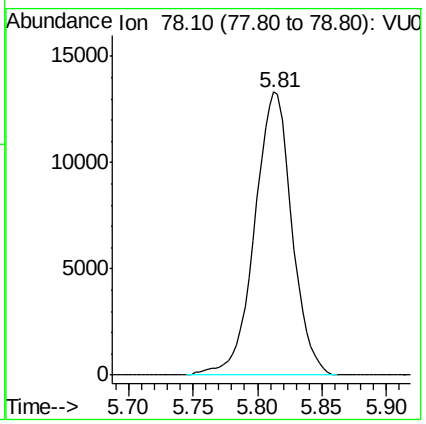


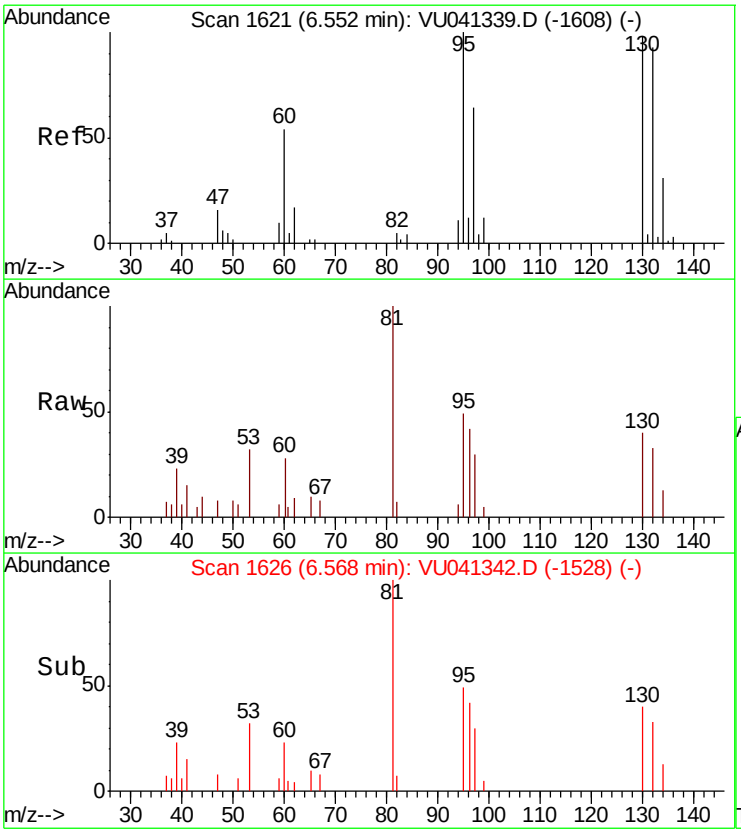


#33
Benzene
Concen: 1.578 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.03 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument :
MSVOA_U
ClientSampleId :
H4391

Tgt Ion: 78 Resp: 26855

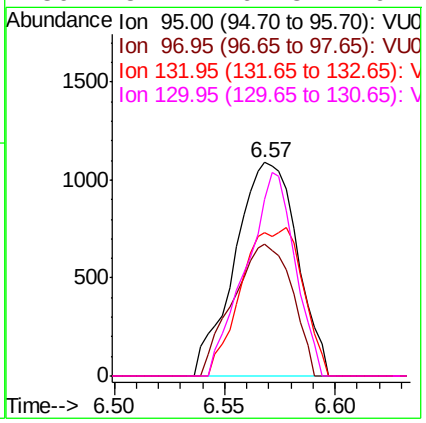


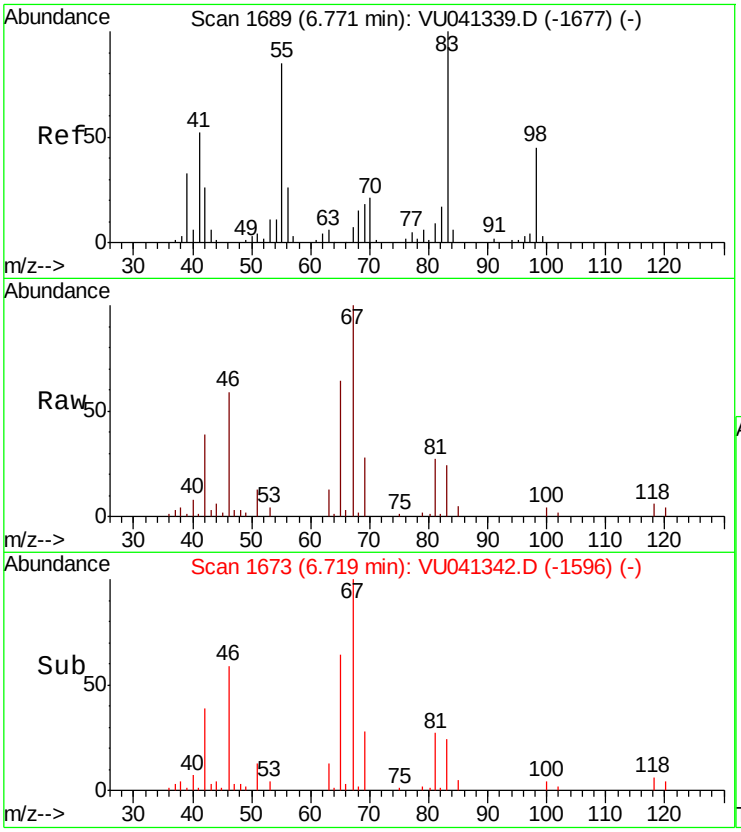


#34
Trichloroethene
Concen: 0.464 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. 0.02 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 95 Resp: 2134

Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.6	84.6
132	67.2	64.8	120.4
130	82.7	64.8	120.4



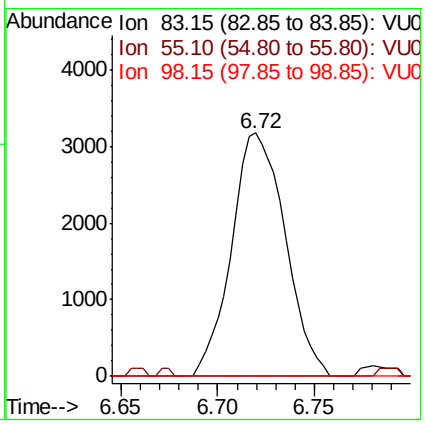


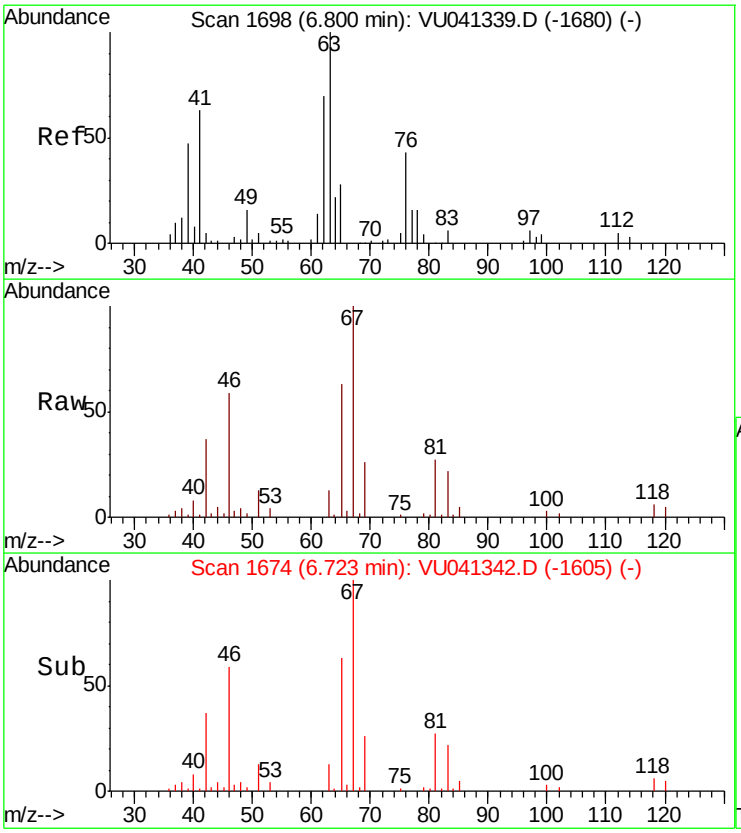
#35
Methylcyclohexane
Concen: 1.002 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.05 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion: 83 Resp: 6122

Ion	Ratio	Lower	Upper
83	100		
55	0.7	72.0	108.0#
98	0.0	36.6	55.0#

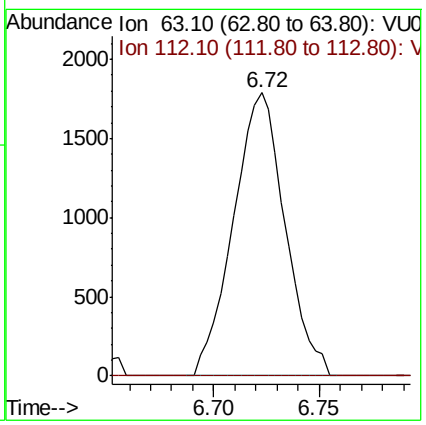


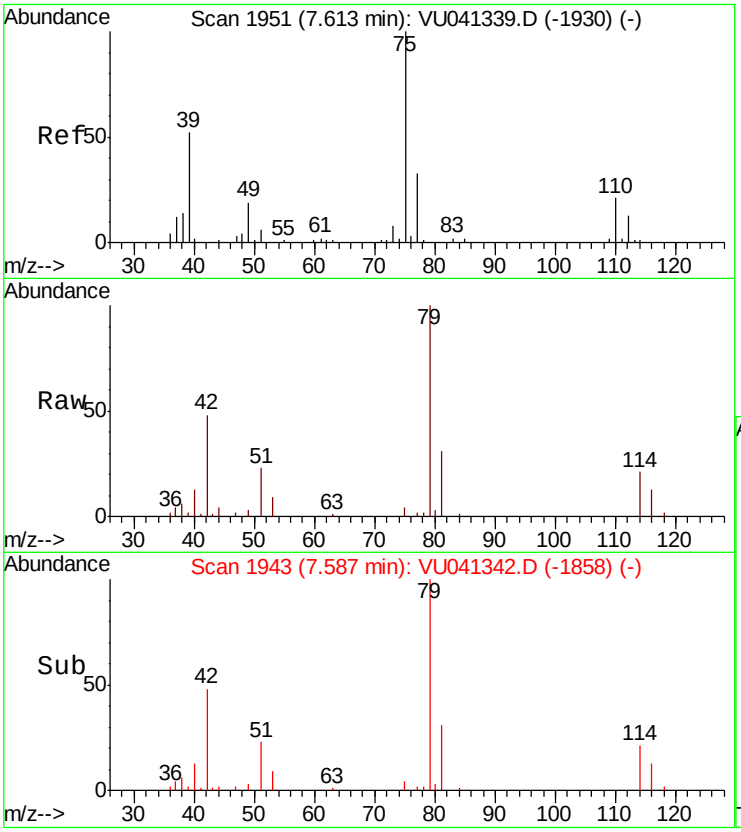


#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.08 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 63 Resp: 3044

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



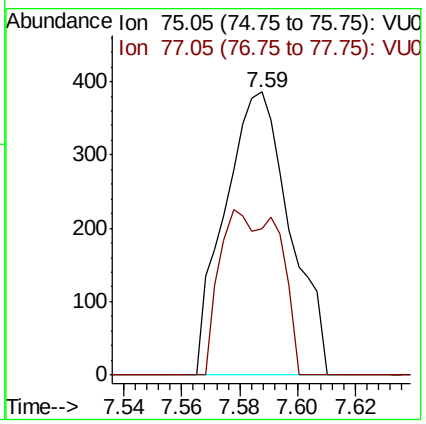


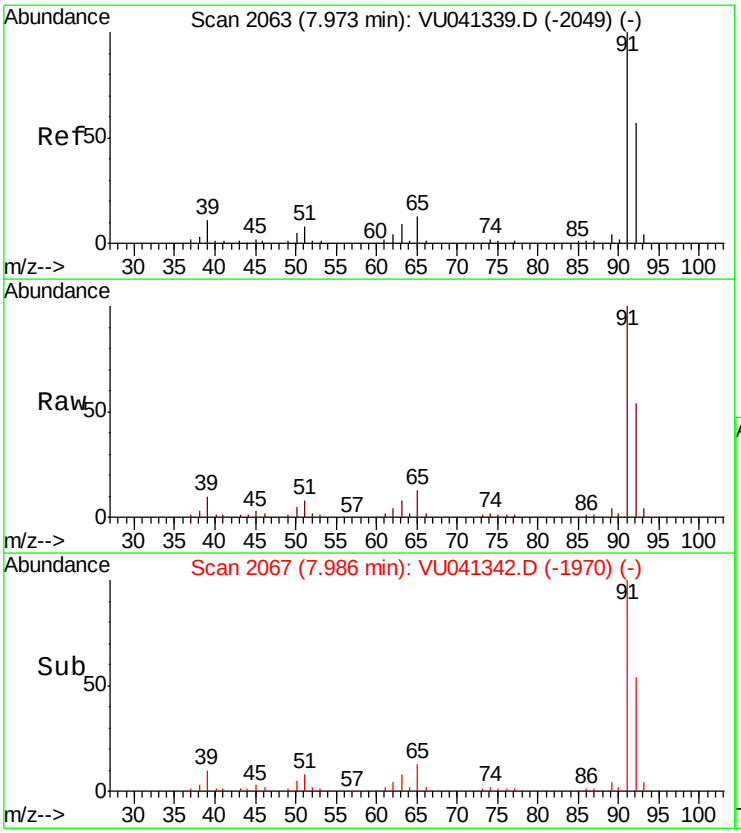
#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.03 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion: 75 Resp: 603

Ion	Ratio	Lower	Upper
75	100		
77	51.6	22.7	42.3#

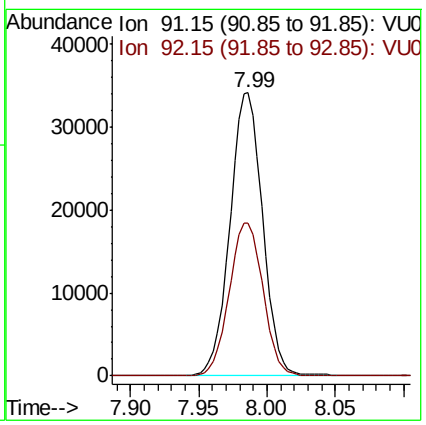


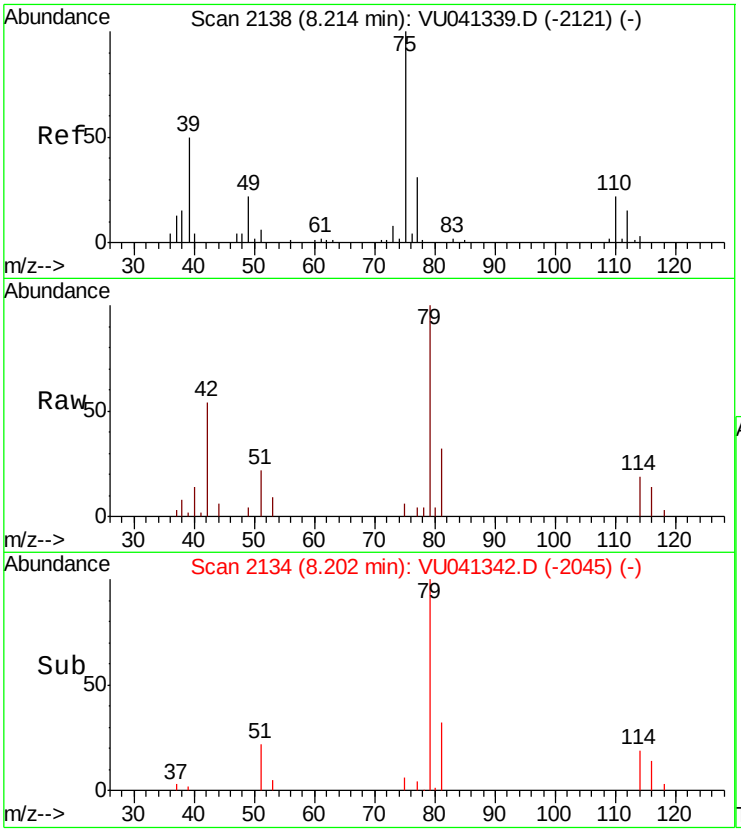


#42
Toluene
Concen: 3.121 ug/L
RT: 7.99 min Scan# 2067
Delta R.T. 0.01 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 91 Resp: 56763

Ion	Ratio	Lower	Upper
91	100		
92	53.8	40.6	75.4



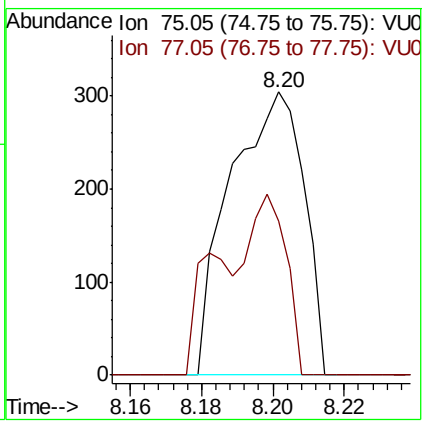


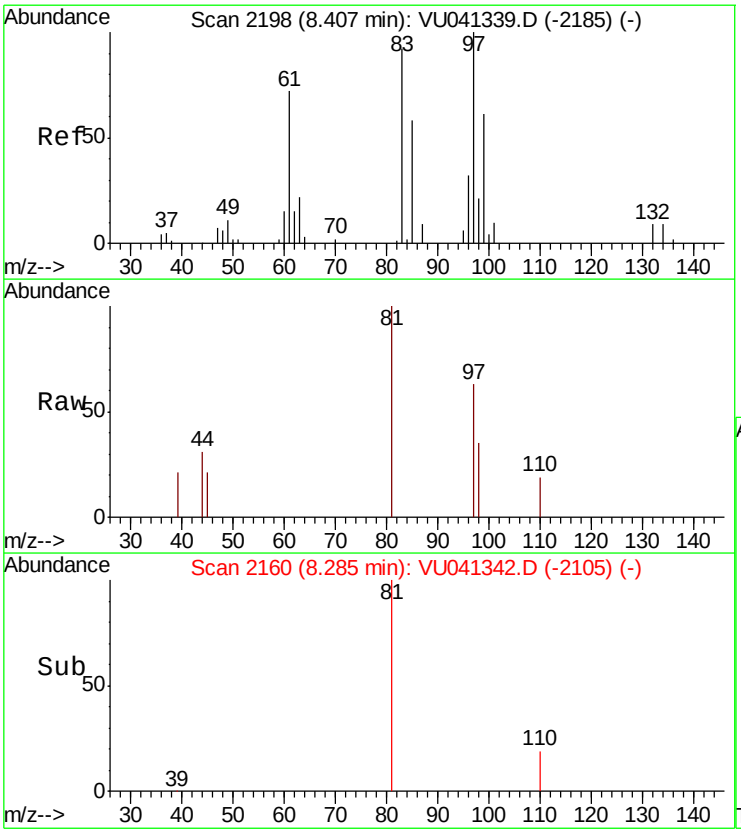
#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.01 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument :
MSVOA_U
ClientSampleId :
H4391

Tgt Ion: 75 Resp: 434

Ion	Ratio	Lower	Upper
75	100		
77	54.3	23.3	43.3#

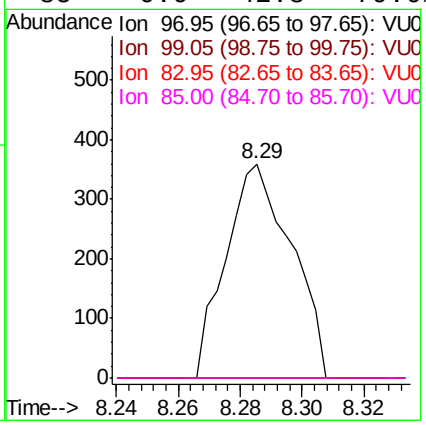


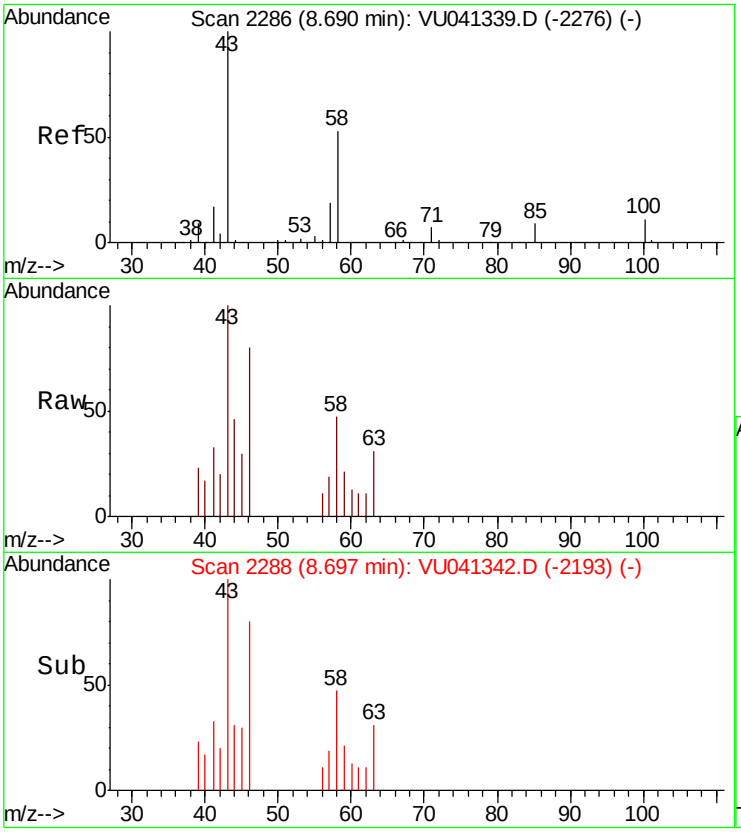


#45
1,1,2-Trichloroethane
Concen: 0.138 ug/L
RT: 8.29 min Scan# 2160
Delta R.T. -0.12 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 97 Resp: 530

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



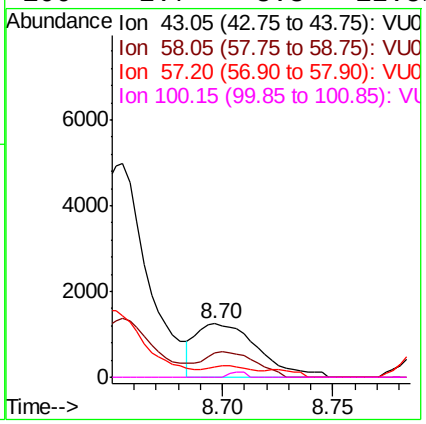


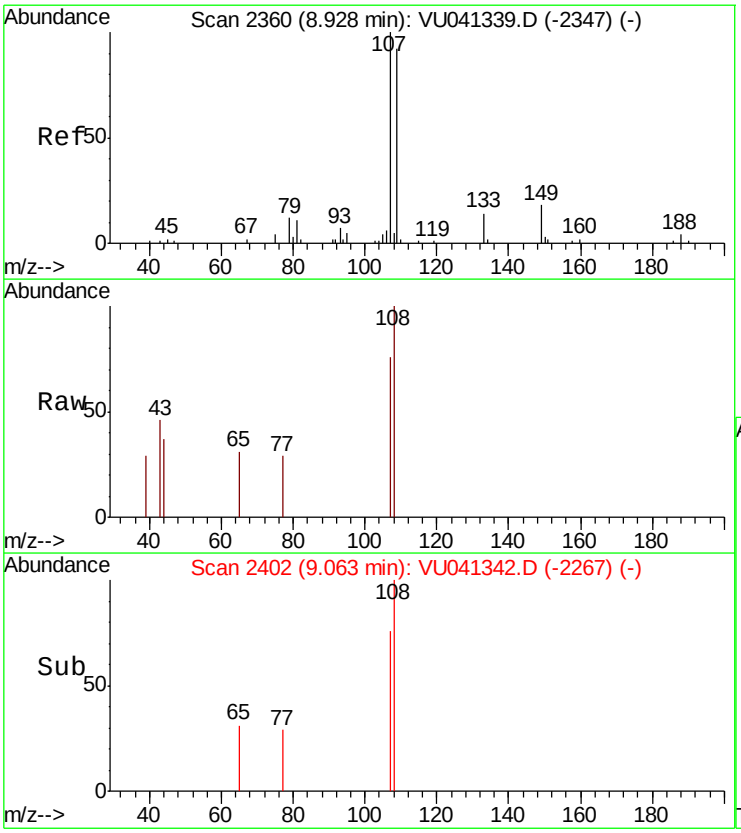
#48
2-Hexanone
Concen: 0.796 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.01 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion: 43 Resp: 2445

Ion	Ratio	Lower	Upper
43	100		
58	39.2	41.4	62.2#
57	5.8	14.6	21.8#
100	2.7	8.3	12.5#

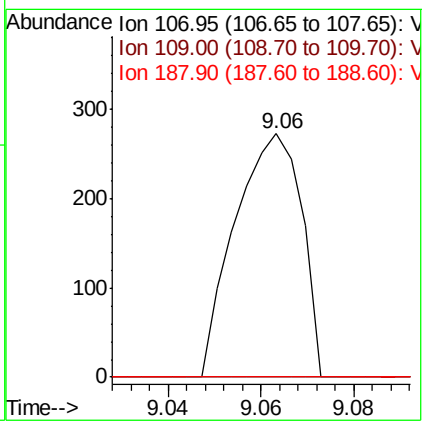


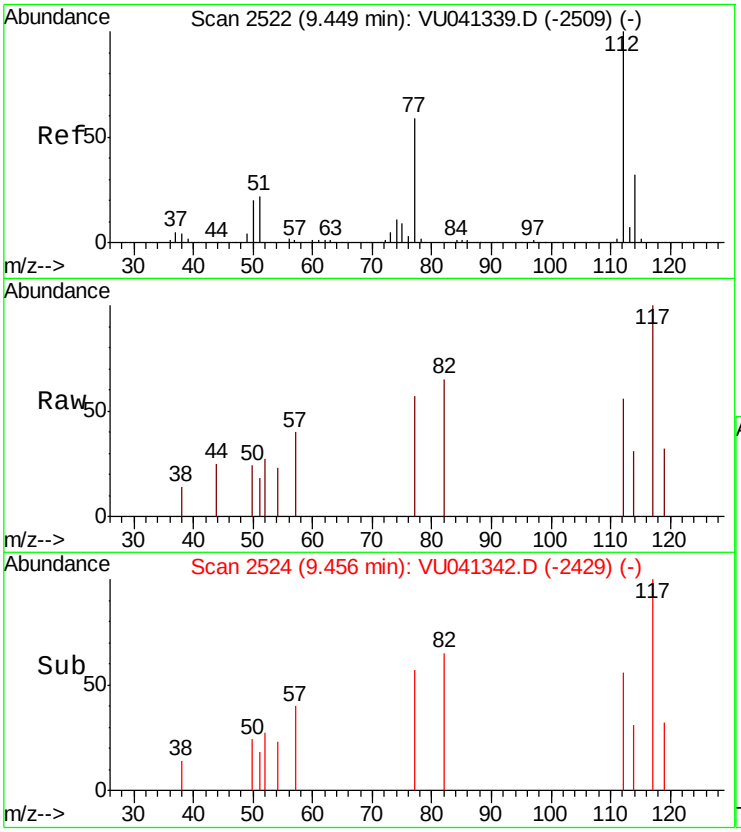


#50
1,2-Dibromoethane
Concen: 0.076 ug/L
RT: 9.06 min Scan# 2402
Delta R.T. 0.14 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion:107 Resp: 273

Ion	Ratio	Lower	Upper
107	100		
109	0.0	65.6	121.8#
188	0.0	2.9	4.3#



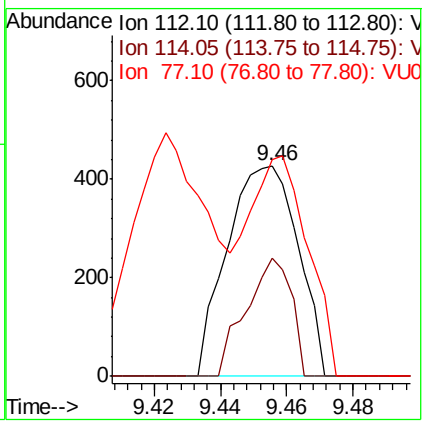


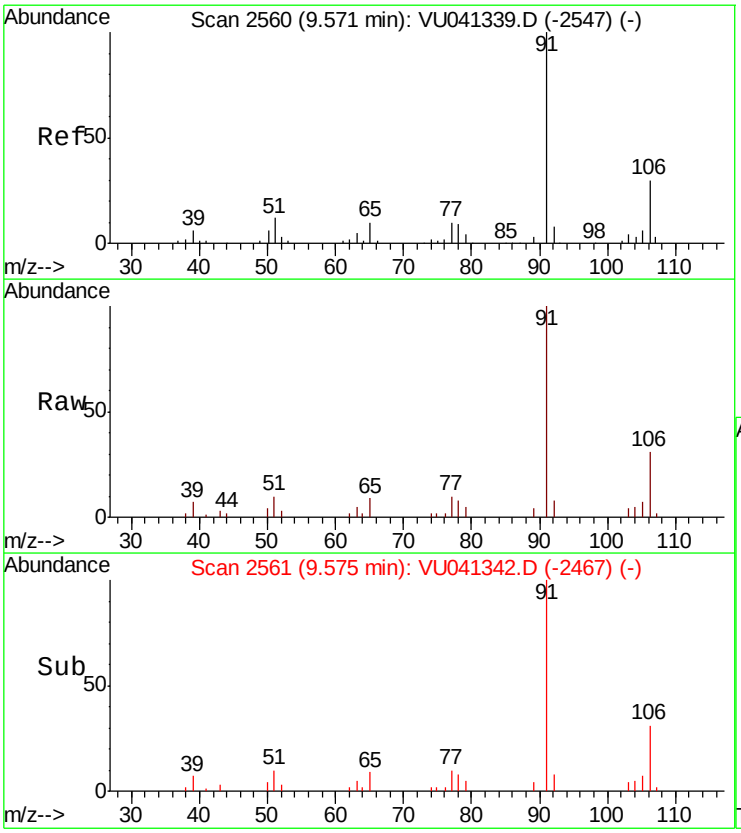
#51
Chlorobenzene
Concen: 0.053 ug/L
RT: 9.46 min Scan# 2524
Delta R.T. 0.01 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion:112 Resp: 634

Ion	Ratio	Lower	Upper
112	100		
114	56.0	22.4	41.6#
77	103.0	51.2	76.8#

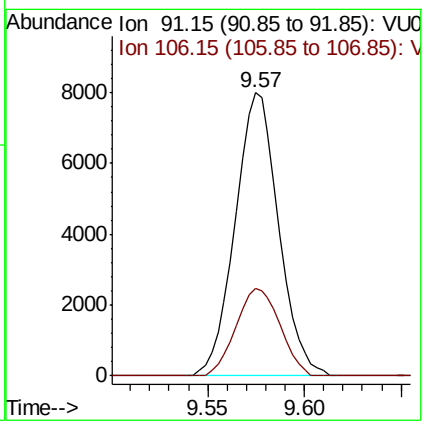


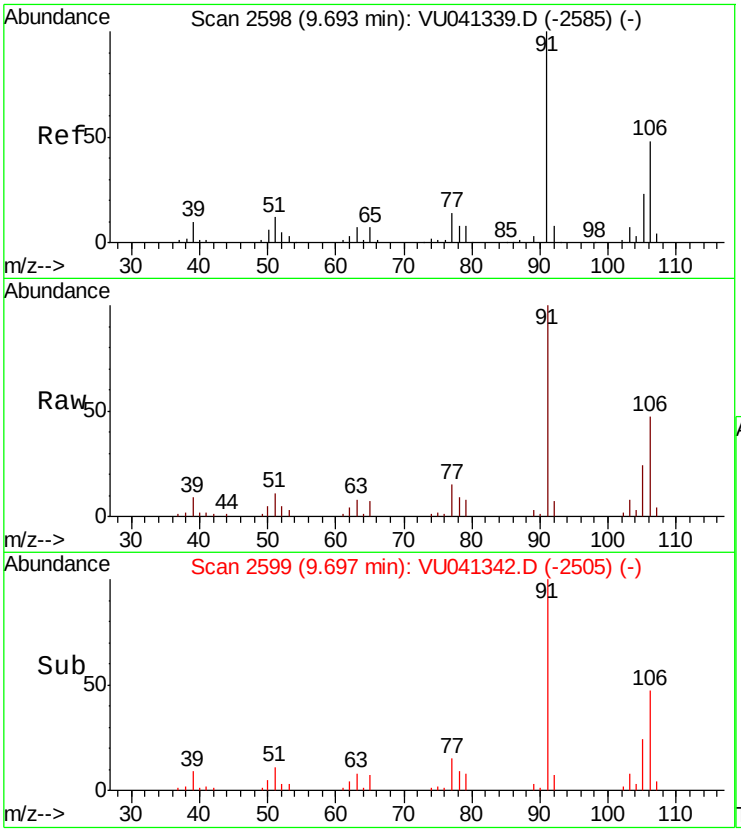


#52
Ethylbenzene
Concen: 0.642 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 91 Resp: 12466

Ion	Ratio	Lower	Upper
91	100		
106	30.9	21.0	39.0



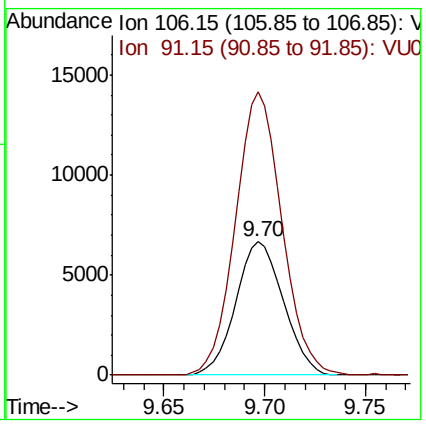


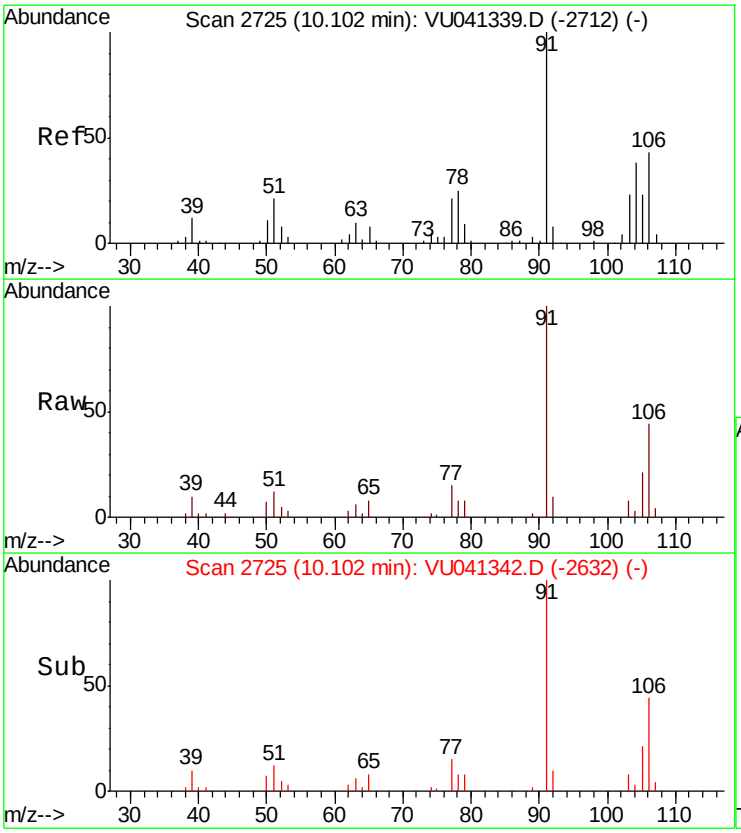
#53
m,p-Xylene
Concen: 1.569 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument :
MSVOA_U
ClientSampleId :
H4391

Tgt Ion:106 Resp: 11012

Ion	Ratio	Lower	Upper
106	100		
91	211.9	150.9	280.3

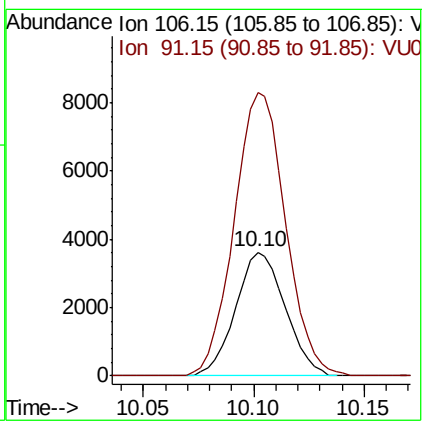


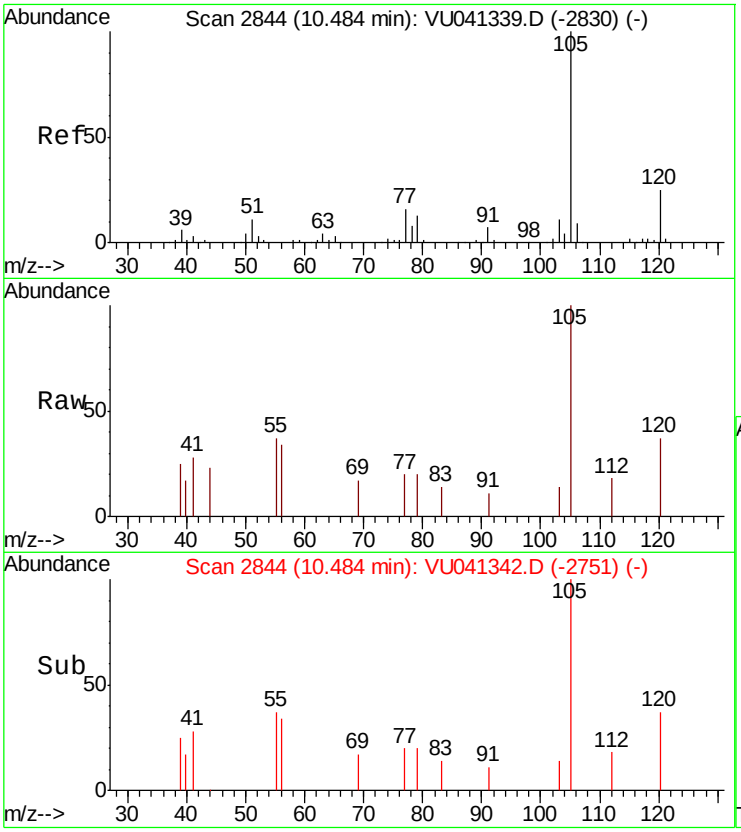


#54
o-Xylene
Concen: 0.832 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion:106 Resp: 5623

Ion	Ratio	Lower	Upper
106	100		
91	228.5	154.3	286.5



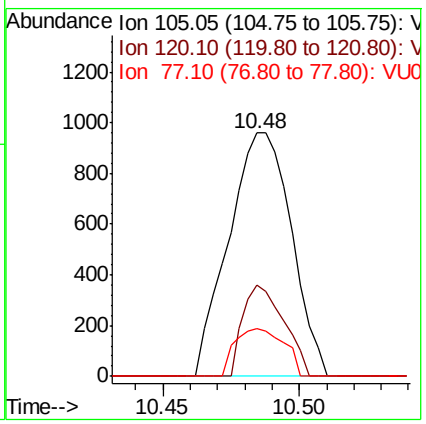


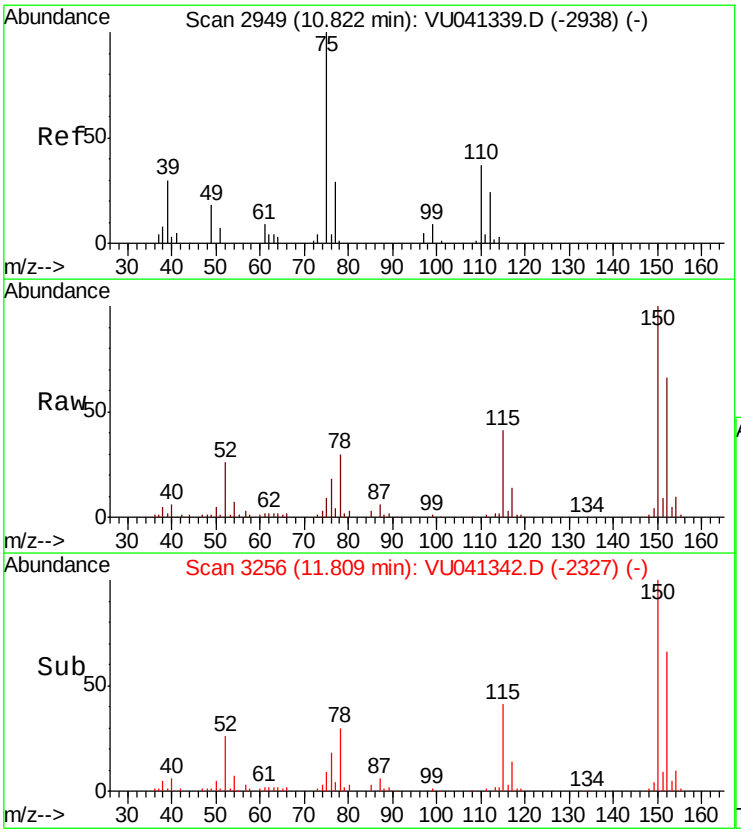
#56
Isopropylbenzene
Concen: 0.085 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument : MSVOA_U
ClientSampleId : H4391

Tgt Ion:105 Resp: 1528

Ion	Ratio	Lower	Upper
105	100		
120	24.5	20.7	31.1
77	15.4	13.8	20.6

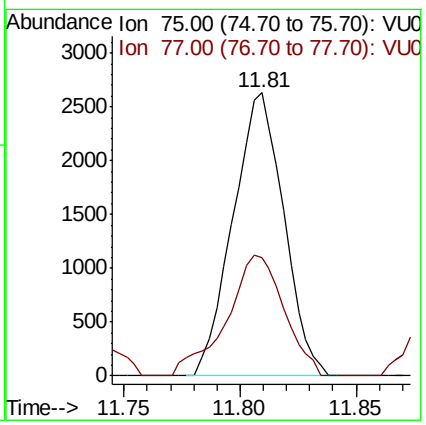


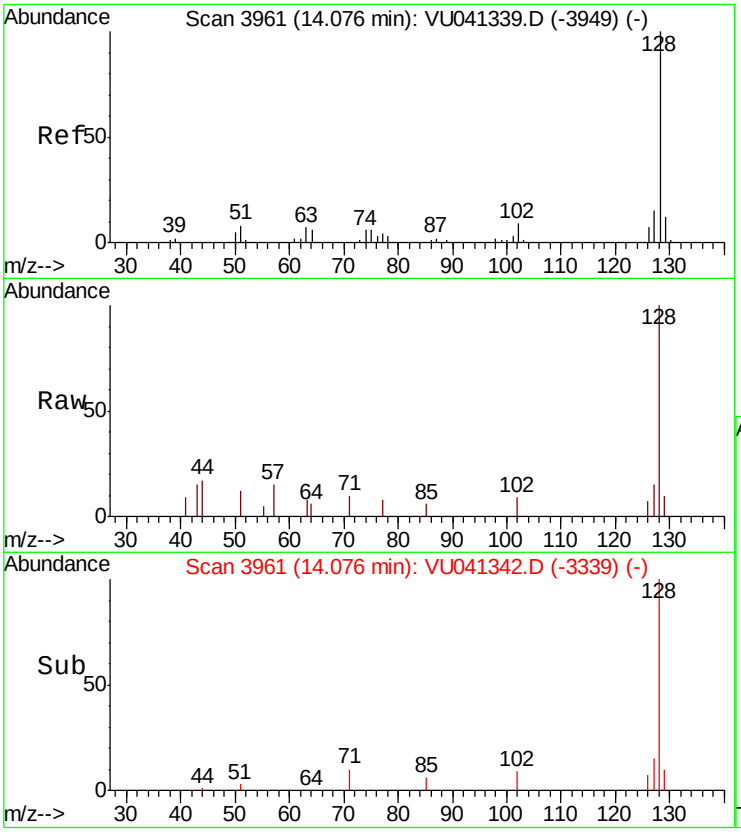


#59
1,2,3-Trichloropropane
Concen: 1.021 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Tgt Ion: 75 Resp: 4004

Ion	Ratio	Lower	Upper
75	100		
77	48.2	25.7	38.5#





#69
Naphthalene
Concen: 0.371 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU041342.D
Acq: 19 Nov 2020 14:43

Instrument :
MSVOA_U
ClientSampleId :
H4391

Tgt Ion:128 Resp: 3251

Ion	Ratio	Lower	Upper
128	100		
129	7.9	8.7	13.1#
127	10.8	10.8	16.2#