Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040901.D
Acq On : 22 Oct 2020 12:18
Operator : SY/MD
Sample : L4428-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ54

Quant Time: Oct 22 23:25:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 23:17:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	215073	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	223245	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	91267	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	82524	5.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.00%			
7) Chloroethane-d5	1.92	69	74763	5.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.20%			
11) 1,1-Dichloroethene-d2	2.58	63	125486	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.00%			
20) 2-Butanone-d5	4.65	46	351000	67.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.10%#			
24) Chloroform-d	5.08	84	175868	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.60%			
26) 1,2-Dichloroethane-d4	5.72	65	109818	6.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.20%			
32) Benzene-d6	5.74	84	315408	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.00%			
36) 1,2-Dichloropropane-d6	6.70	67	106575	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.90	98	245313	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	8.19	79	38101	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.64	63	246493	61.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	101363	6.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 120.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	97258	6.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 121.20%#			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	4731	0.200	ug/L	97
5) Vinyl chloride	1.61	62	13016	0.591	ug/L #	36
8) Chloroethane	1.95	64	3588	0.252	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	809	0.048	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	1725	0.110	ug/L #	1
13) Acetone	2.66	43	9001	2.446	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	9686	0.593	ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	445609	24.842	ug/L	100
27) 1,2-Dichloroethane	5.82	62	1776	0.078	ug/L #	76
30) Cyclohexane	5.40	56	6876	0.238	ug/L	87
33) Benzene	5.79	78	5831	0.081	ug/L	100
34) Trichloroethene	6.55	95	5793	0.317	ug/L	92
35) Methylcyclohexane	6.77	83	1856	0.068	ug/L #	89
37) 1,2-Dichloropropane	6.71	63	12229	0.631	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	2444	0.094	ug/L #	53
44) trans-1,3-Dichloropropene	8.19	75	1849	0.079	ug/L #	77
48) 2-Hexanone	8.64	43	37928	4.010	ug/L #	71

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040901.D
Acq On : 22 Oct 2020 12:18
Operator : SY/MD
Sample : L4428-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ54

Quant Time: Oct 22 23:25:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 23:17:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.55	129	775	0.049	ug/L #	9
53) m,p-Xylene	9.69	106	3610	0.129	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	12426	0.987	ug/L	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
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Acq On : 22 Oct 2020 12:18
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Sample : L4428-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

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MSVOA_U
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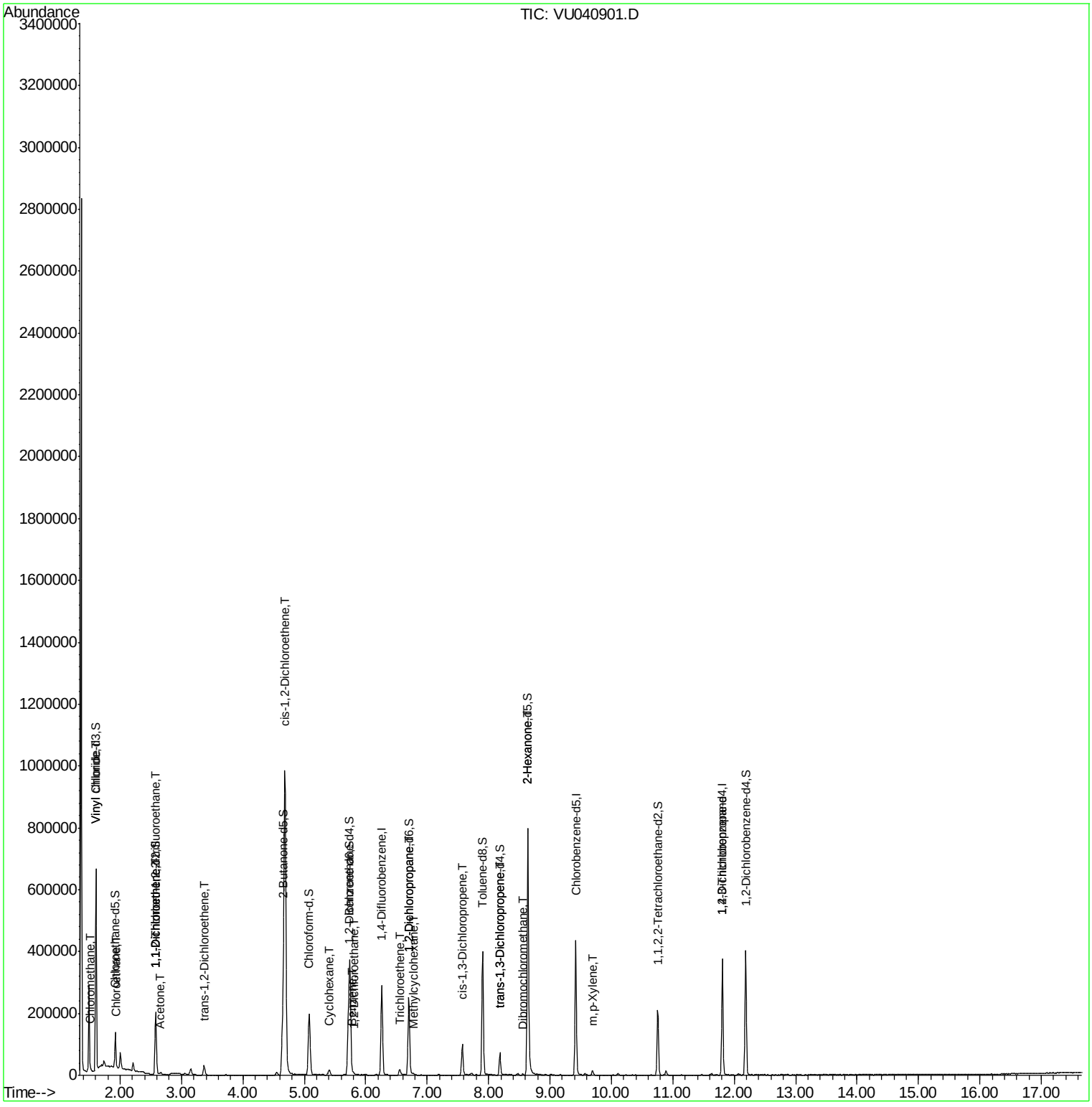
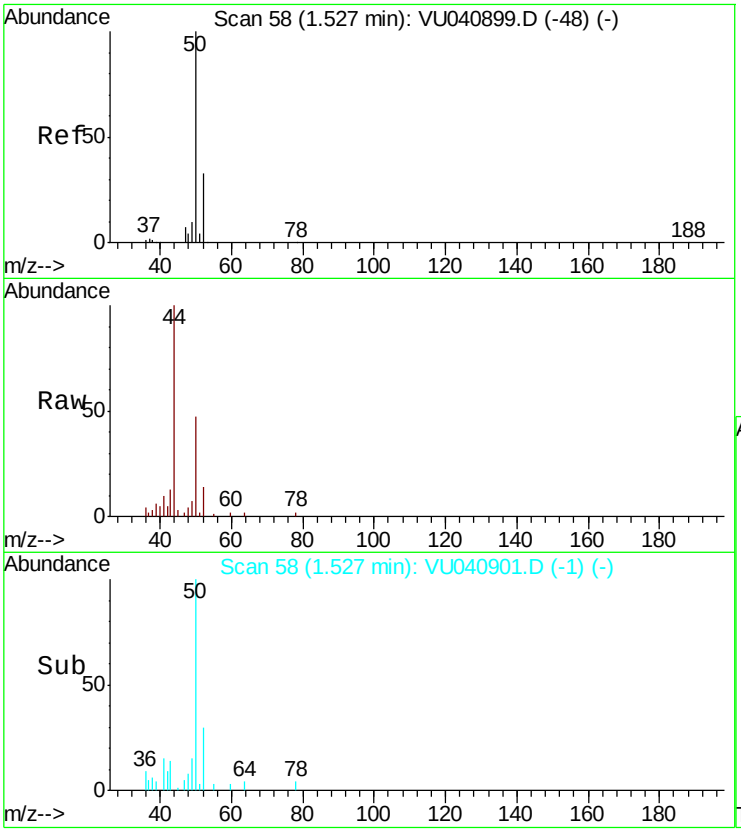
ETZ54

Quant Time: Oct 22 23:25:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 23:17:57 2020
Response via : Initial Calibration



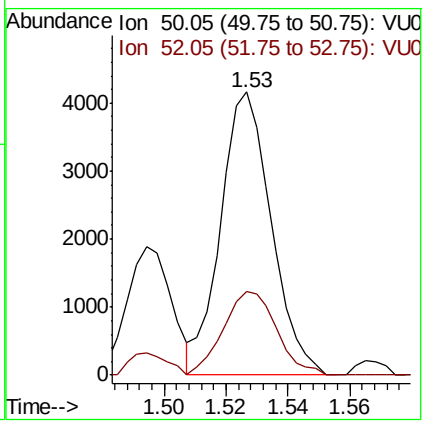


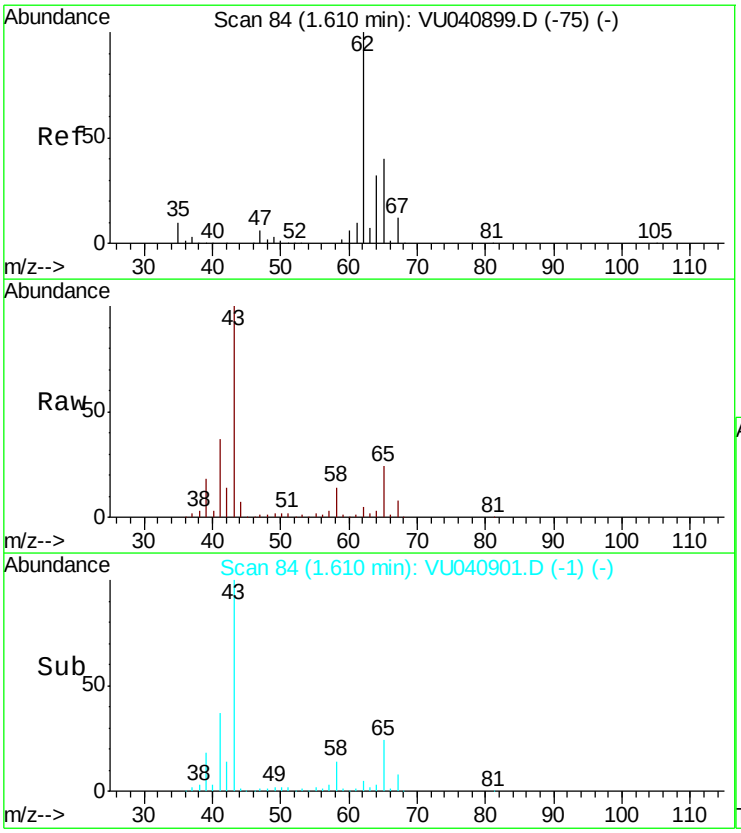
#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 50 Resp: 4731

Ion	Ratio	Lower	Upper
50	100		
52	29.8	21.8	40.6

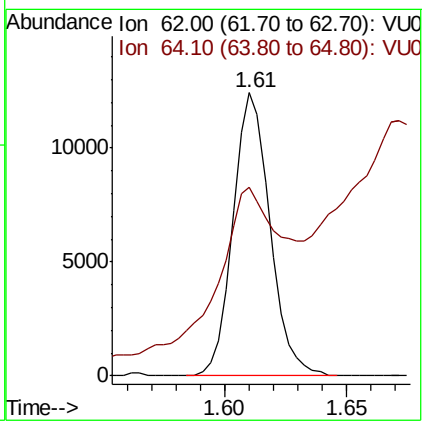


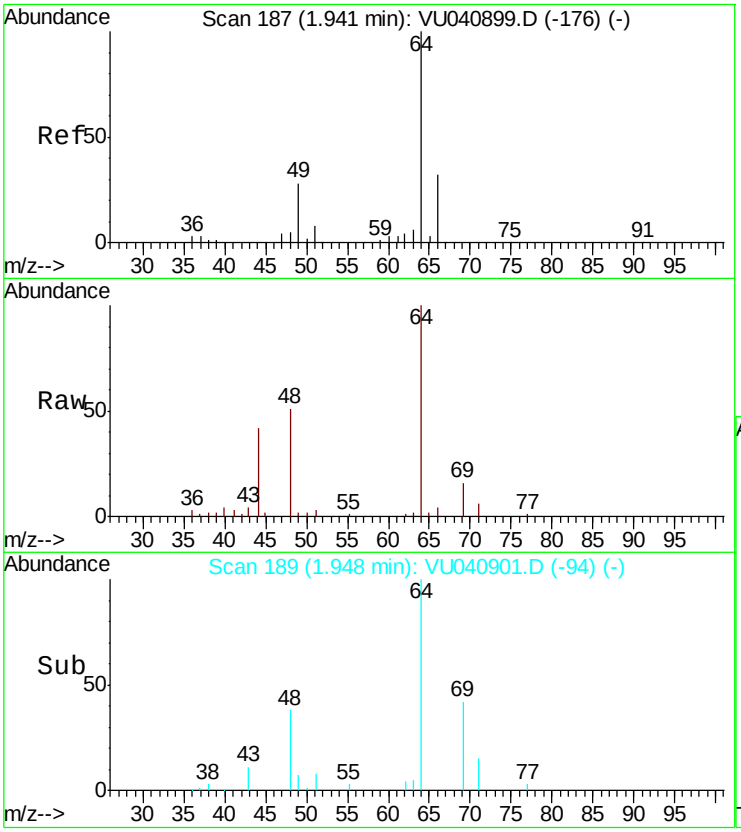


#5
Vinyl chloride
Concen: 0.591 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 62 Resp: 13016

Ion	Ratio	Lower	Upper
62	100		
64	66.7	21.8	40.6#



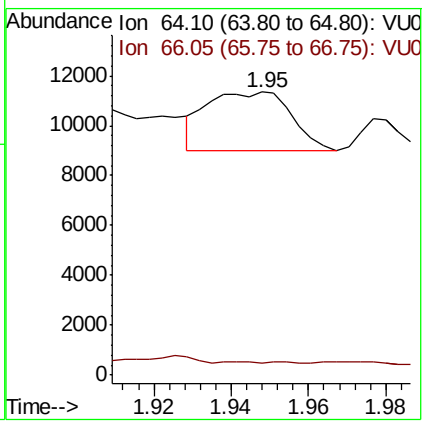


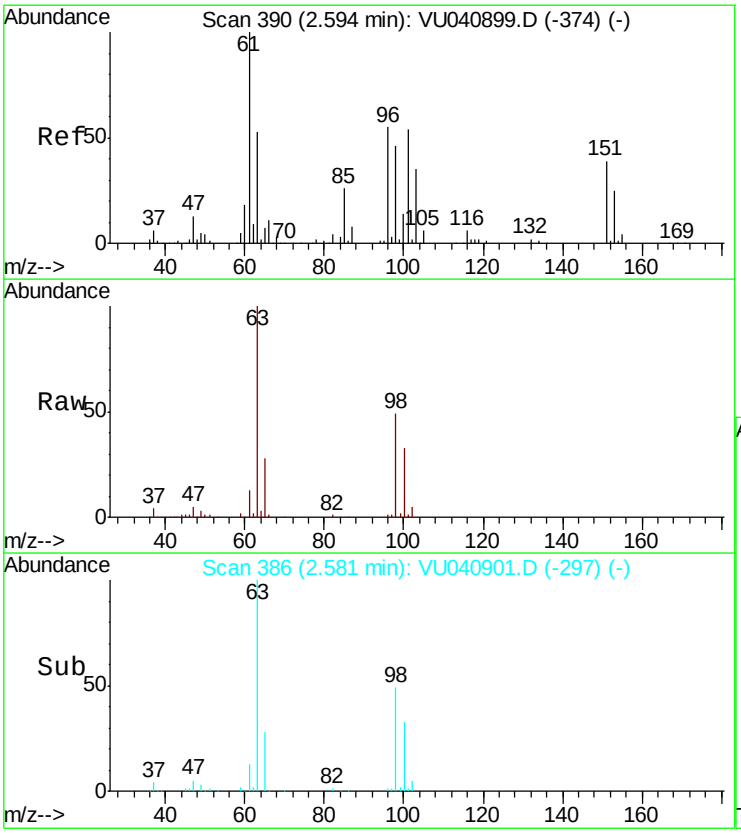
#8
Chloroethane
Concen: 0.252 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.01 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 64 Resp: 3588

Ion	Ratio	Lower	Upper
64	100		
66	4.5	21.2	39.4#

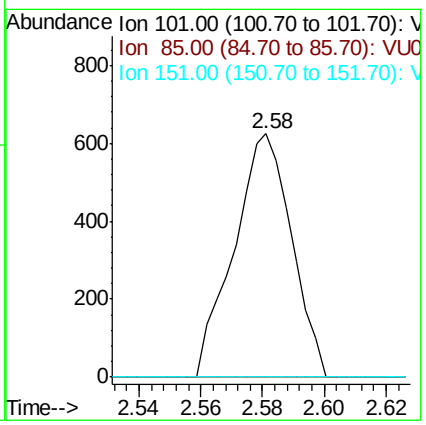


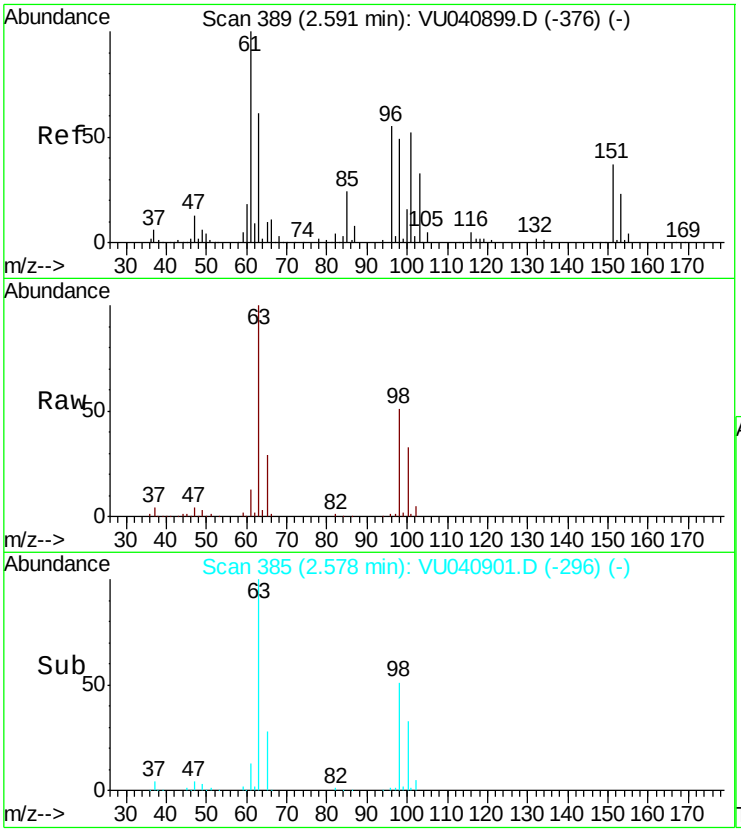


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion:101 Resp: 809

Ion	Ratio	Lower	Upper
101	100		
85	2.6	36.4	54.6#
151	0.0	56.3	84.5#



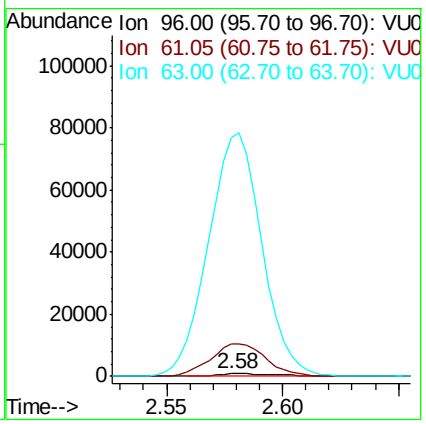


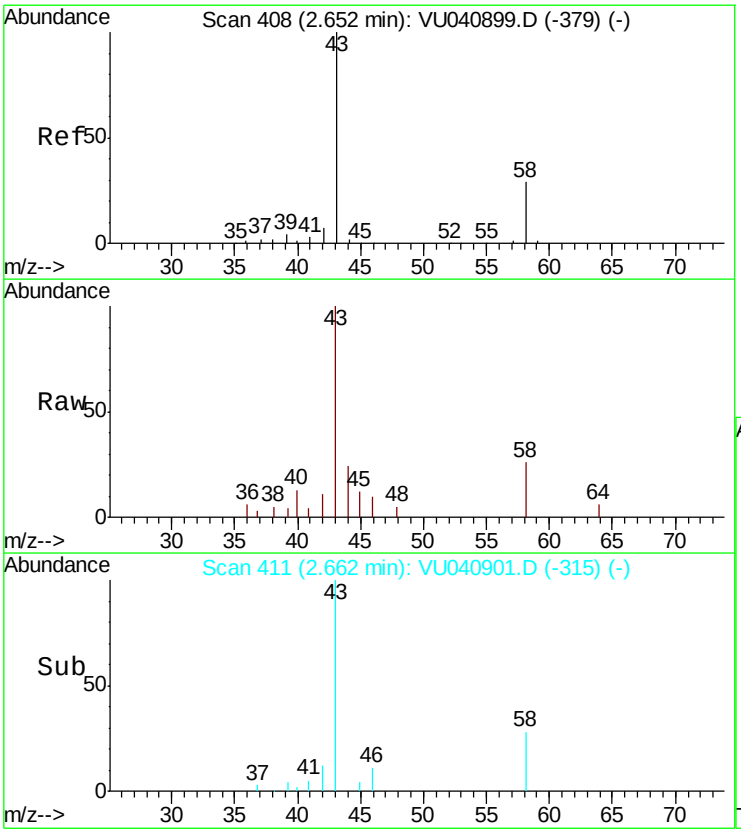
#12
1,1-Dichloroethene
Concen: 0.110 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 96 Resp: 1725

Ion	Ratio	Lower	Upper
96	100		
61	1199.6	130.9	243.1#
63	9024.2	85.4	158.6#

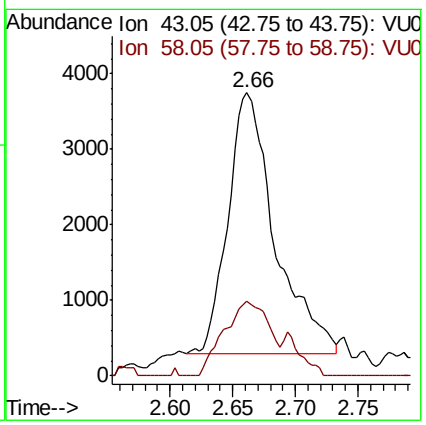


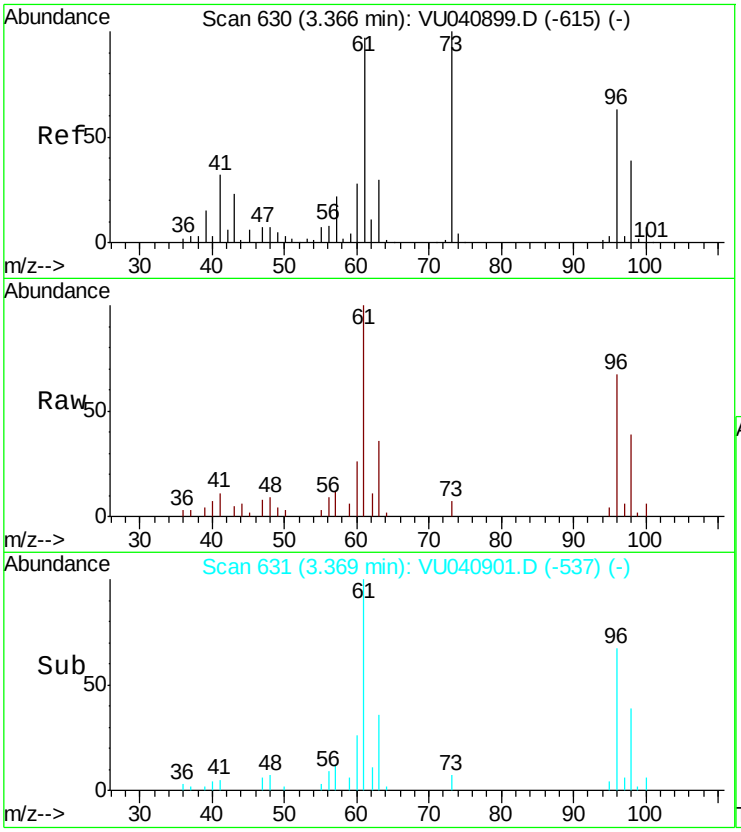


#13
Acetone
Concen: 2.446 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.01 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 43 Resp: 9001

Ion	Ratio	Lower	Upper
43	100		
58	27.5	0.0	58.6



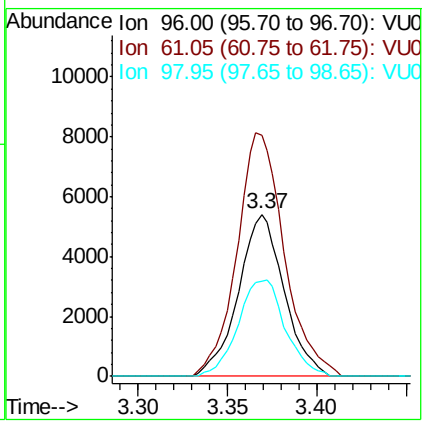


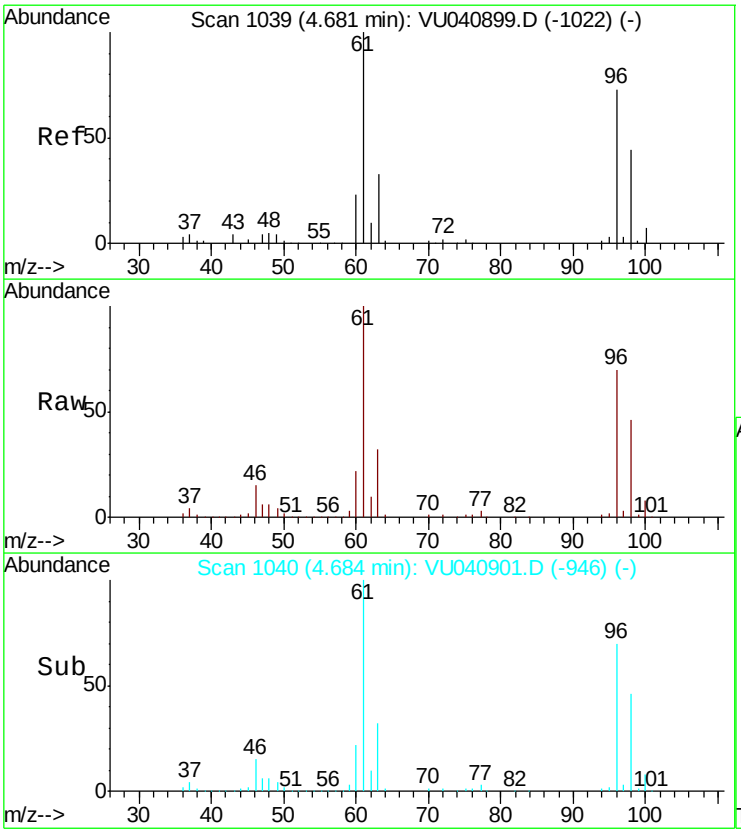
#18
trans-1,2-Dichloroethene
Concen: 0.593 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 96 Resp: 9686

Ion	Ratio	Lower	Upper
96	100		
61	149.1	107.9	200.3
98	58.6	47.5	88.1

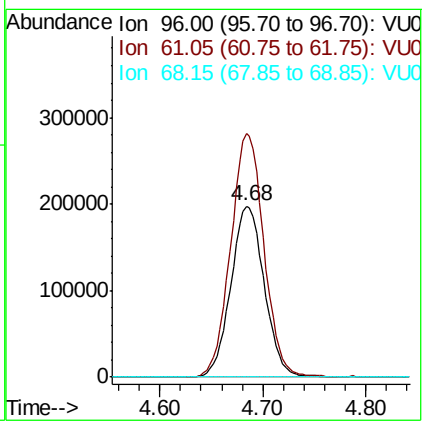


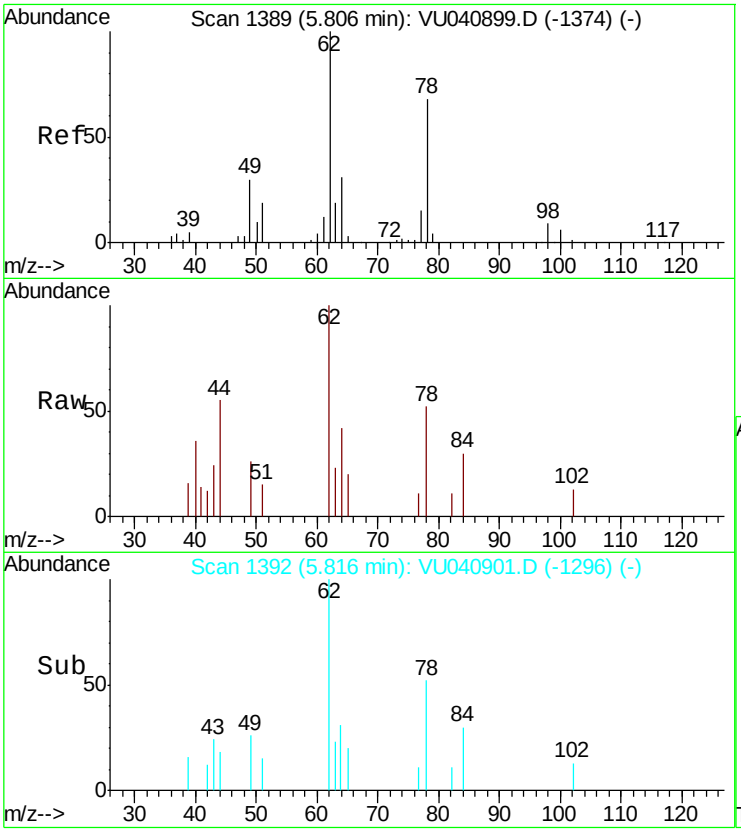


#22
cis-1,2-Dichloroethene
Concen: 24.842 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 96 Resp: 445609

Ion	Ratio	Lower	Upper
96	100		
61	142.4	100.0	185.6
68	0.0	0.0	0.0



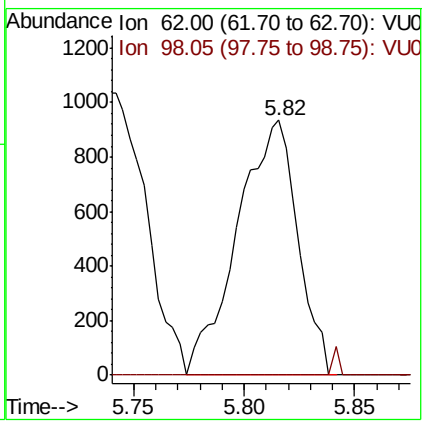


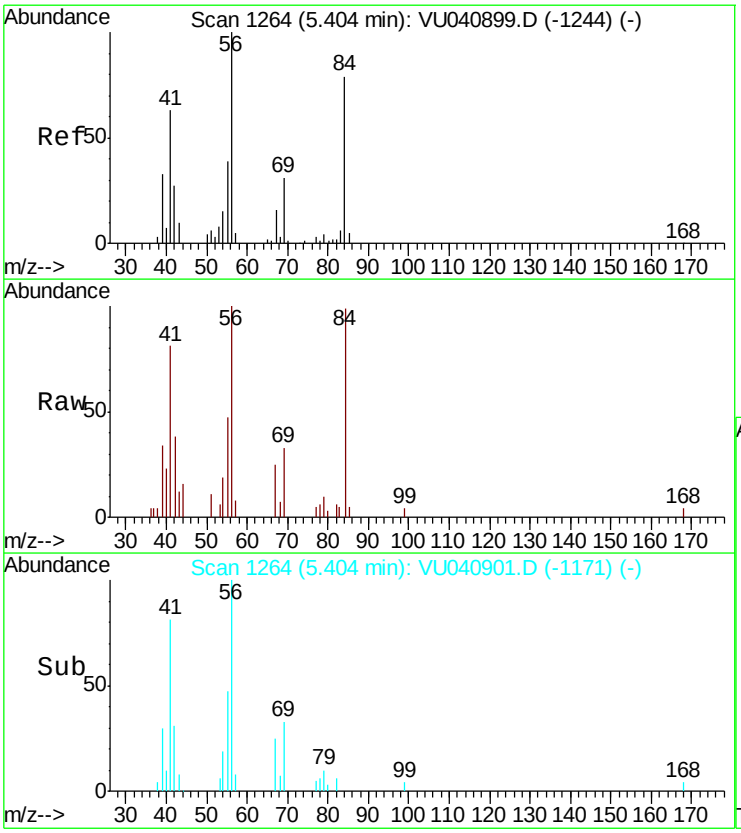
#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 62 Resp: 1776

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#

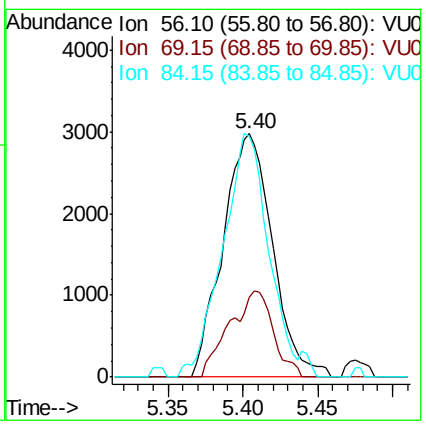


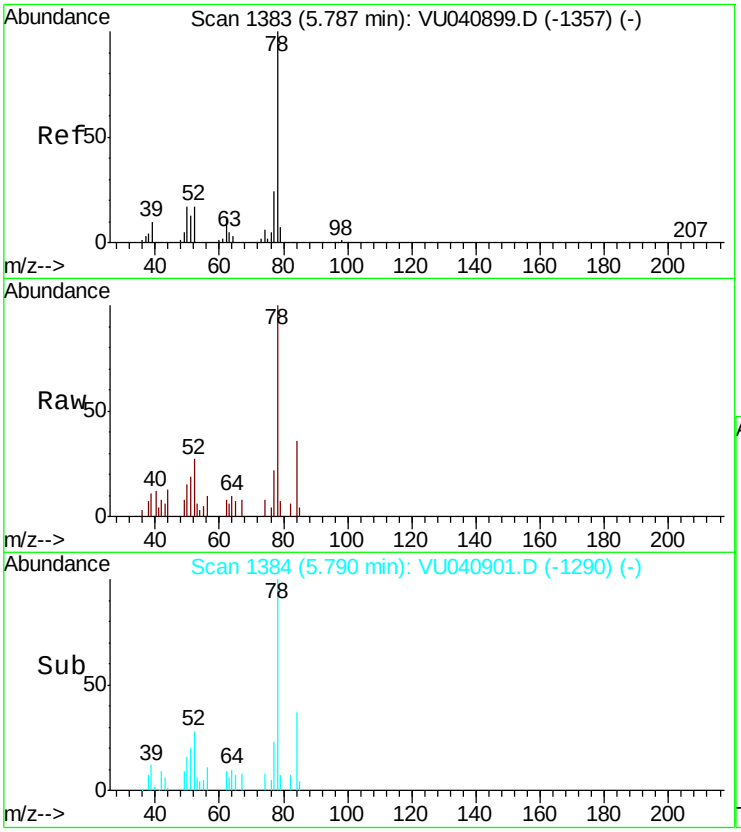


#30
Cyclohexane
Concen: 0.238 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 56 Resp: 6876

Ion	Ratio	Lower	Upper
56	100		
69	31.2	22.6	33.8
84	92.2	63.0	94.6

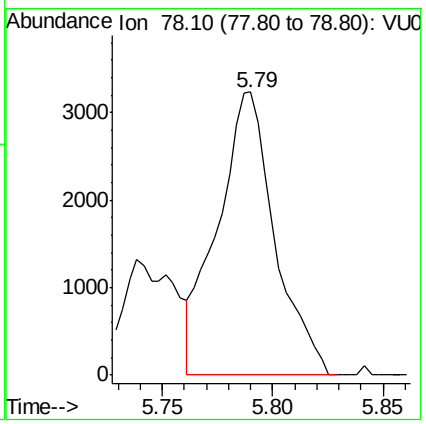


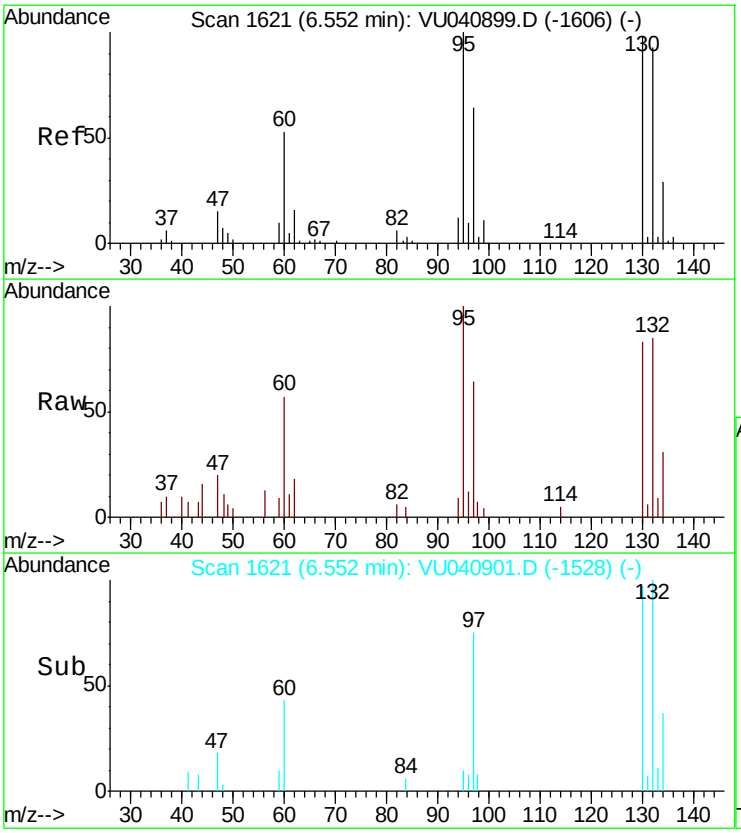


#33
Benzene
Concen: 0.081 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 78 Resp: 5831

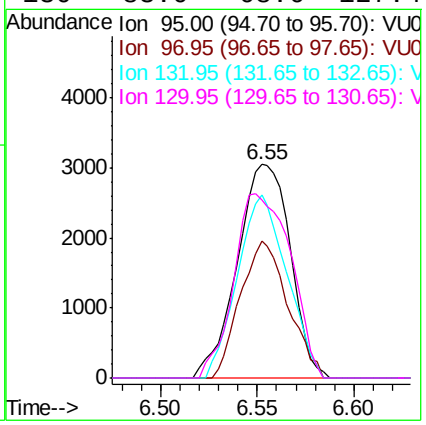


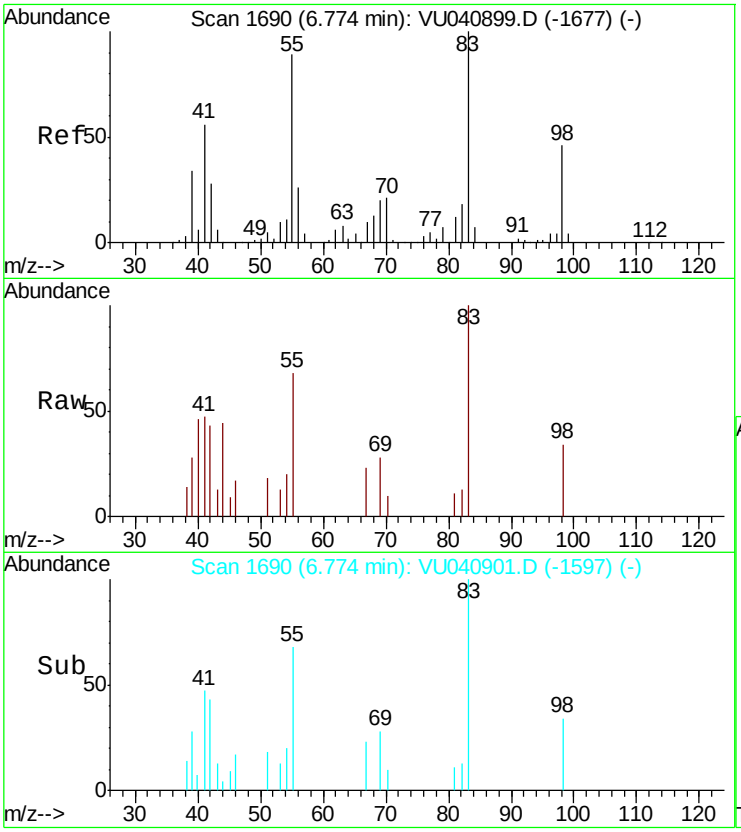


#34
Trichloroethene
Concen: 0.317 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 95 Resp: 5793

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.0	85.4
132	85.5	63.6	118.2
130	83.0	68.6	127.4



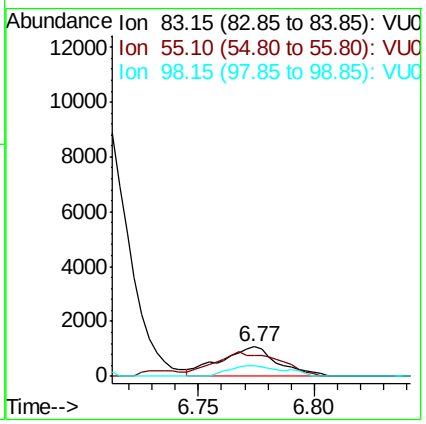


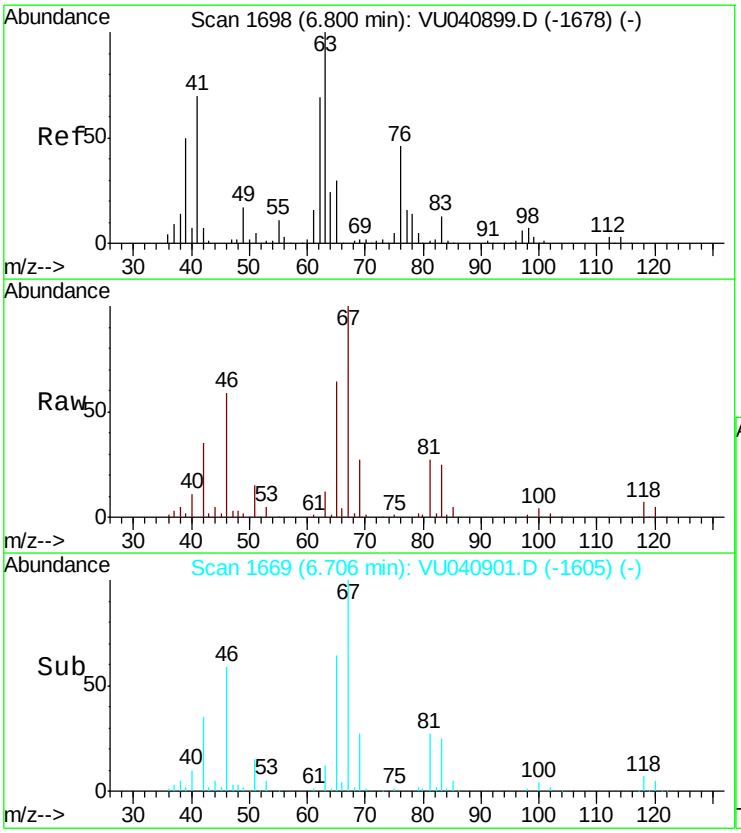
#35
Methylcyclohexane
Concen: 0.068 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 83 Resp: 1856

Ion	Ratio	Lower	Upper
83	100		
55	92.7	69.1	103.7
98	34.3	37.8	56.6#

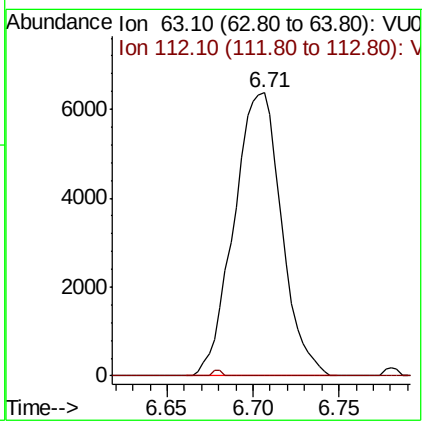


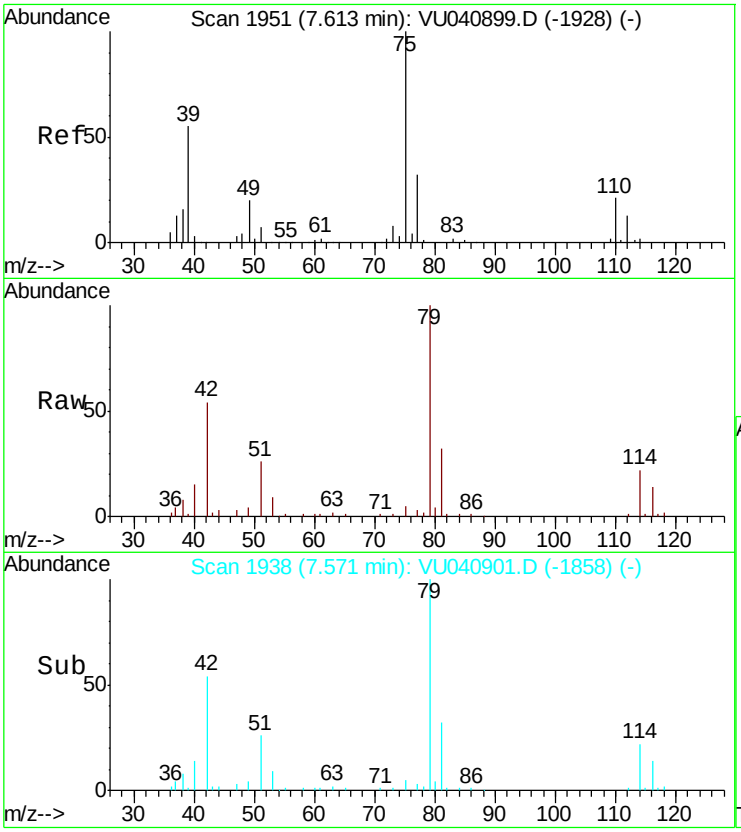


#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 63 Resp: 12229

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.0	4.6#



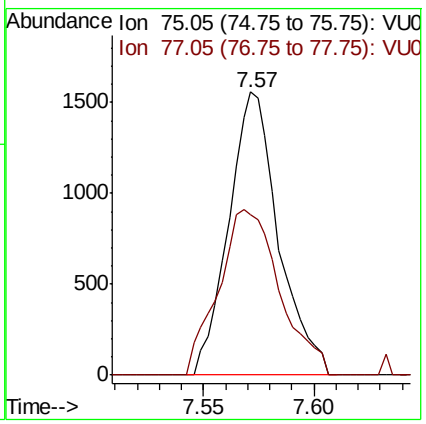


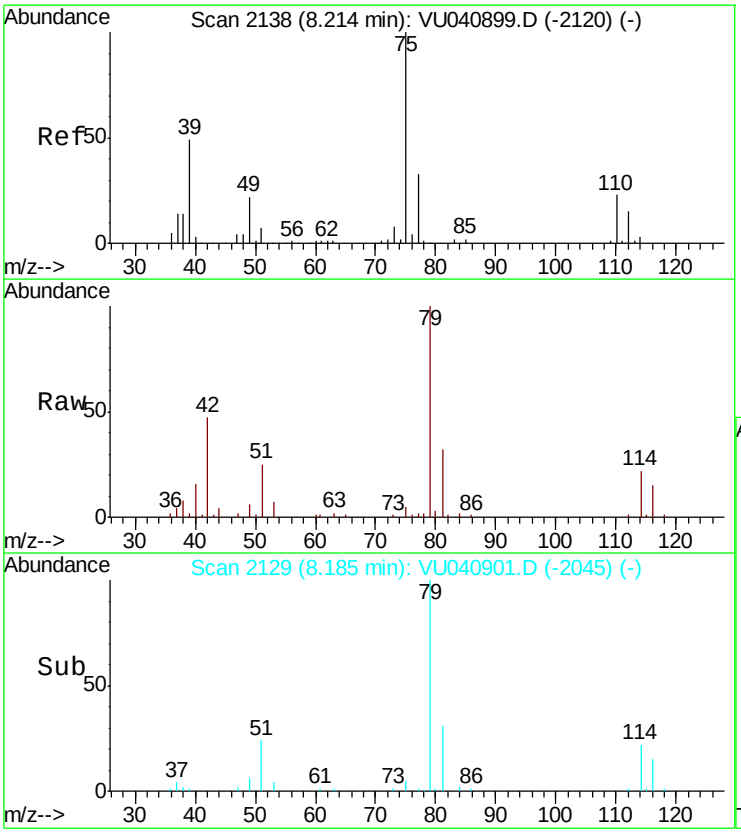
#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :
ETZ54

Tgt Ion: 75 Resp: 2444

Ion	Ratio	Lower	Upper
75	100		
77	56.6	21.6	40.2#

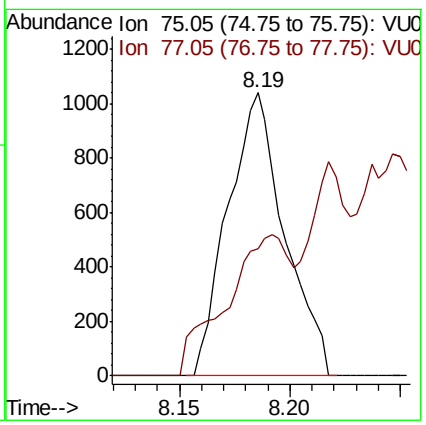


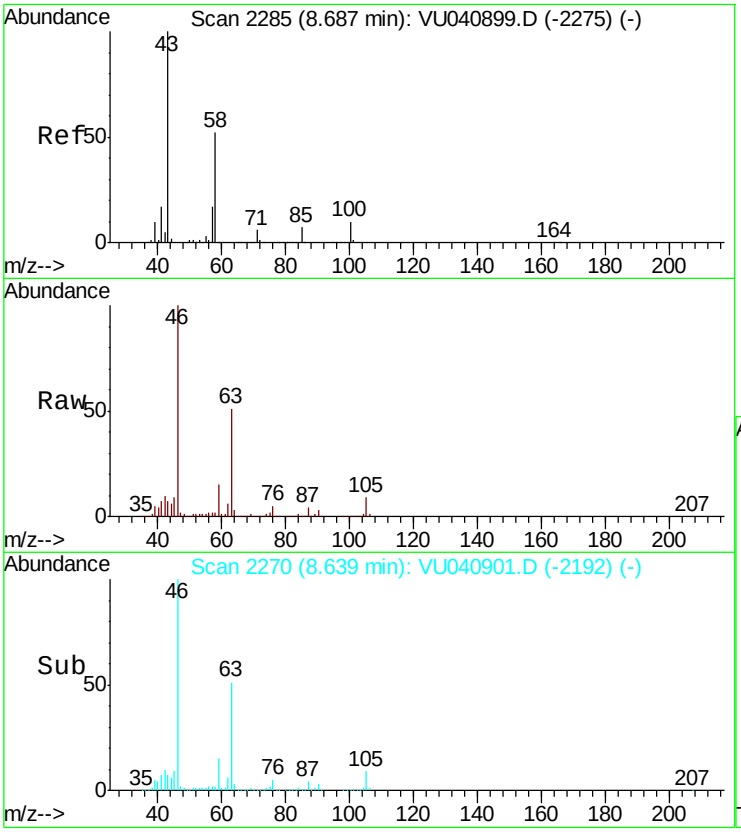


#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 75 Resp: 1849

Ion	Ratio	Lower	Upper
75	100		
77	44.9	22.6	42.0#



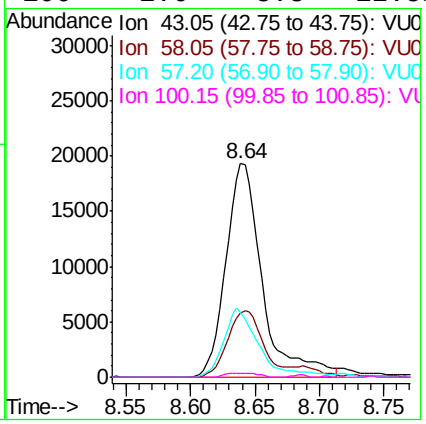


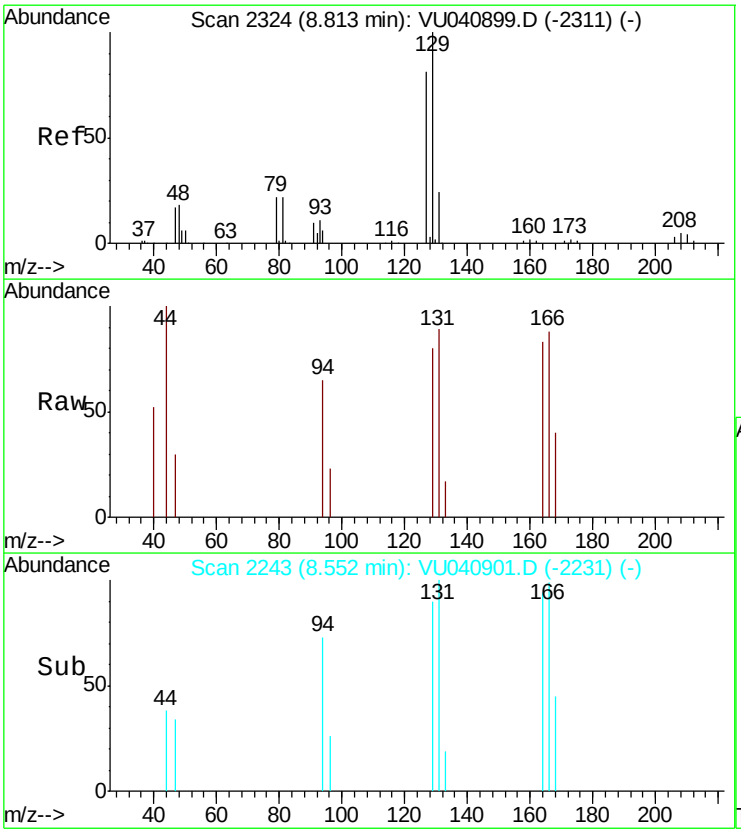
#48
2-Hexanone
Concen: 4.010 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument : MSVOA_U
ClientSampleId : ETZ54

Tgt Ion: 43 Resp: 37928

Ion	Ratio	Lower	Upper
43	100		
58	30.0	40.9	61.3#
57	29.7	14.4	21.6#
100	1.6	8.3	12.5#

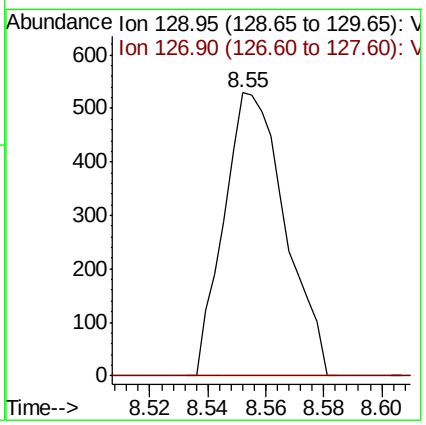


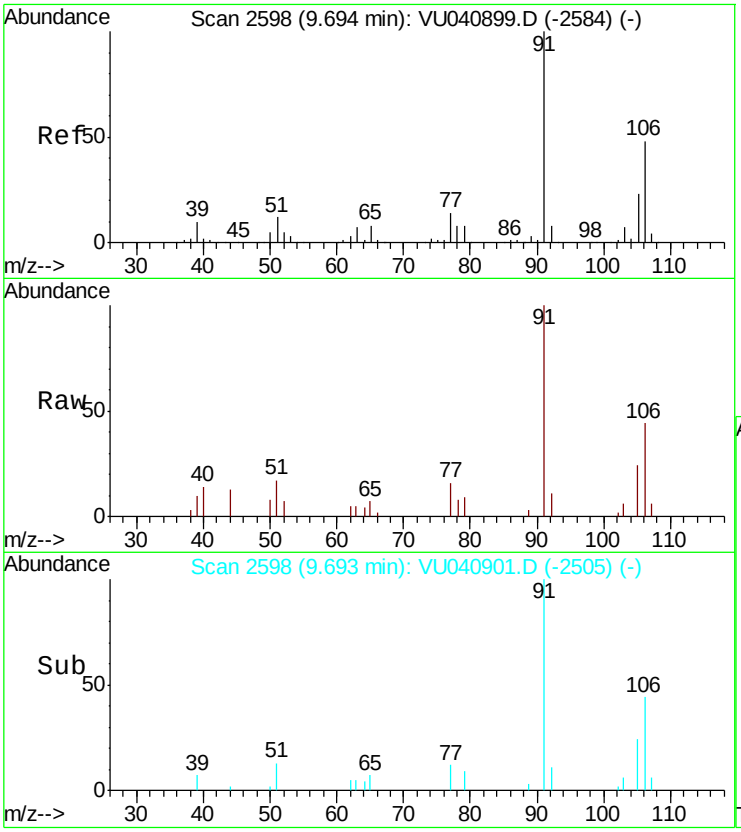


#49
Dibromochloromethane
Concen: 0.049 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.26 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion:129 Resp: 775

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.9#



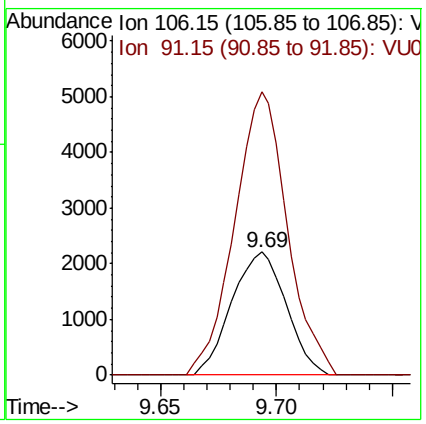


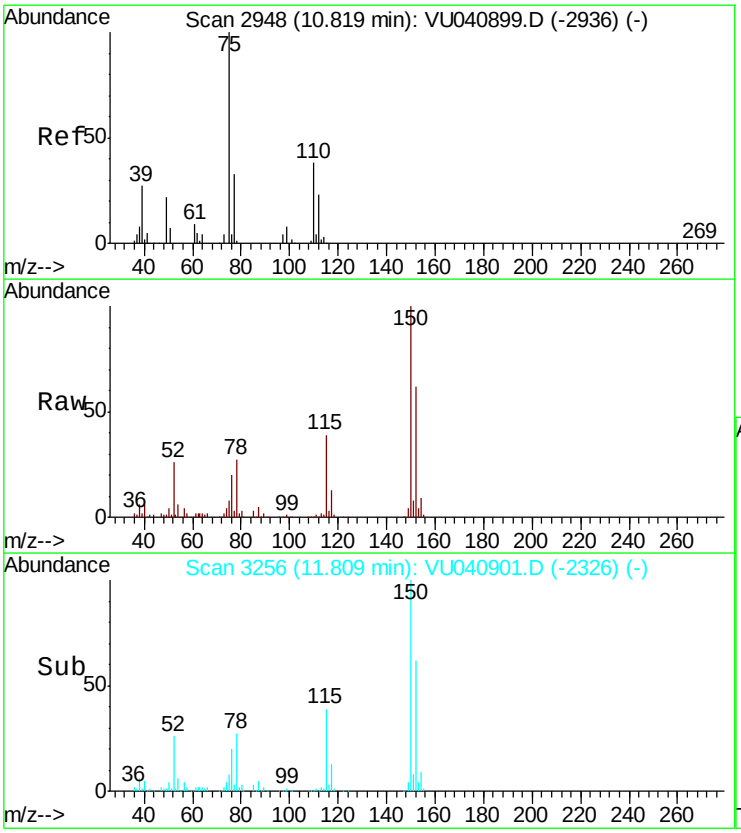
#53
m,p-Xylene
Concen: 0.129 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Instrument : MSVOA_U
ClientSampleId : ETZ54

Tgt Ion:106 Resp: 3610

Ion	Ratio	Lower	Upper
106	100		
91	229.5	153.3	284.7





#59
1,2,3-Trichloropropane
Concen: 0.987 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion: 75 Resp: 12426

Ion	Ratio	Lower	Upper
75	100		
77	40.8	27.5	41.3