Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040485.D
Acq On : 03 Oct 2020 17:28
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T4

Quant Time: Oct 05 01:04:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62735	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	29681	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.92	69	26324	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.58	63	50063	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	4.66	46	136442	42.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.64%			
24) Chloroform-d	5.08	84	68154	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.72	65	41814	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.75	84	122610	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.70	67	42165	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.91	98	102943	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.19	79	18287	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.64	63	91201	39.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.36%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38940	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43922	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	932	0.072	ug/L #	42
8) Chloroethane	1.94	64	400	0.053	ug/L #	53
27) 1,2-Dichloroethane	5.81	62	552	0.037	ug/L #	74
35) Methylcyclohexane	6.70	83	10017	0.582	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4776	0.388	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1306	0.079	ug/L #	76
42) Toluene	7.97	91	2898	0.064	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	843	0.055	ug/L #	64
45) 1,1,2-Trichloroethane	8.41	97	689	0.080	ug/L #	85
48) 2-Hexanone	8.64	43	13075	1.840	ug/L #	70
51) Chlorobenzene	9.45	112	1637	0.056	ug/L	89
56) Isopropylbenzene	10.48	105	1518	0.033	ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	8523	0.955	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.83	180	5902	0.398	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	5902	0.495	ug/L	97
69) Naphthalene	14.08	128	3879	0.191	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	2008	0.184	ug/L	92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040485.D
Acq On : 03 Oct 2020 17:28
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T4

Quant Time: Oct 05 01:04:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040485.D
Acq On : 03 Oct 2020 17:28
Operator : SY/MD
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Quant Time: Oct 05 01:04:28 2020
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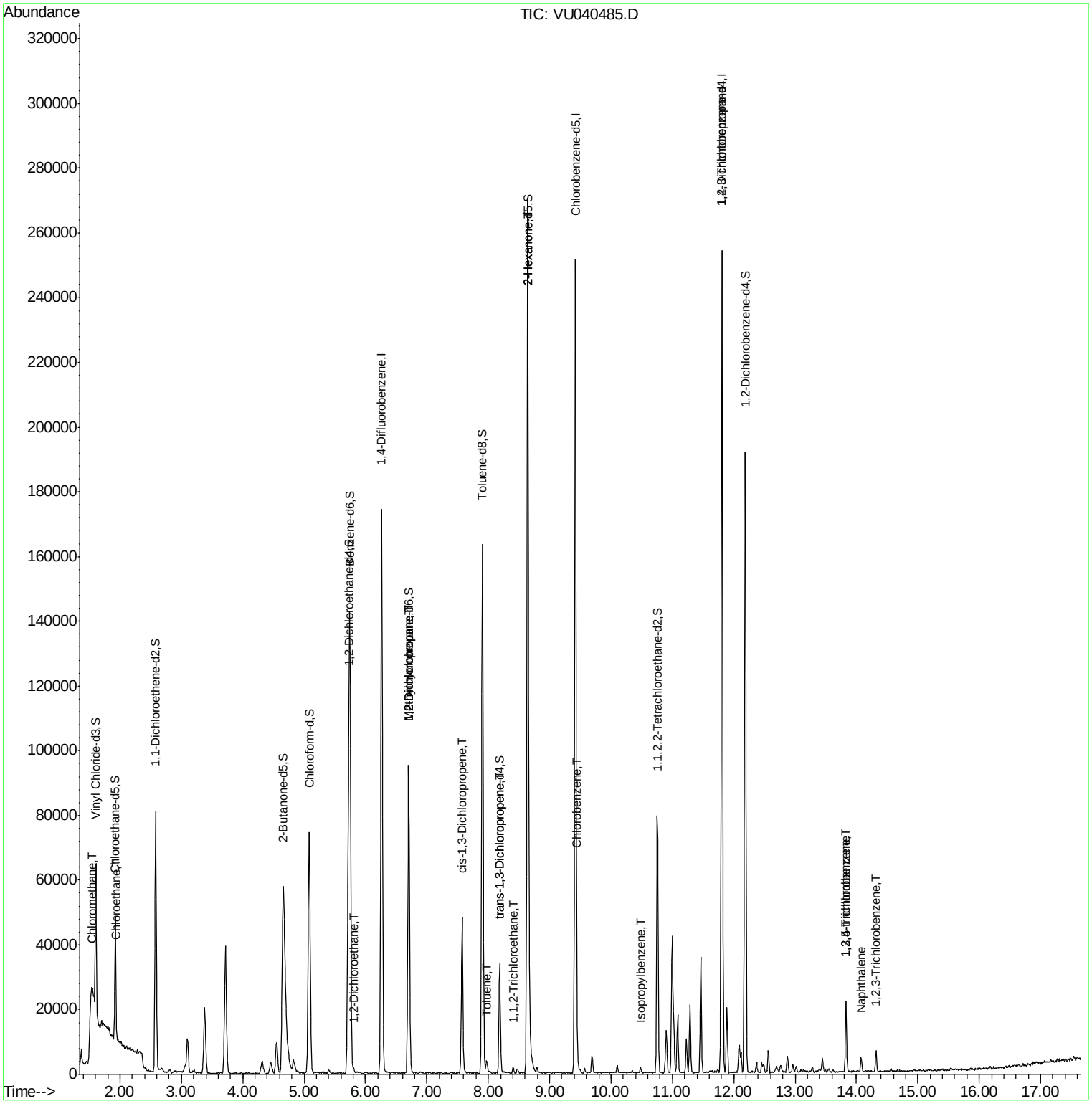
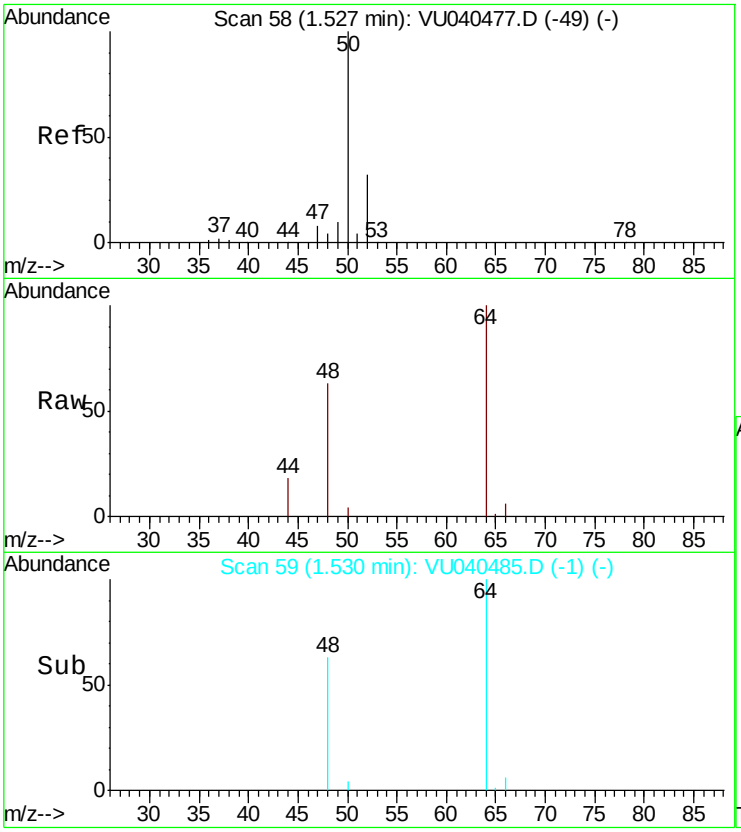
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration



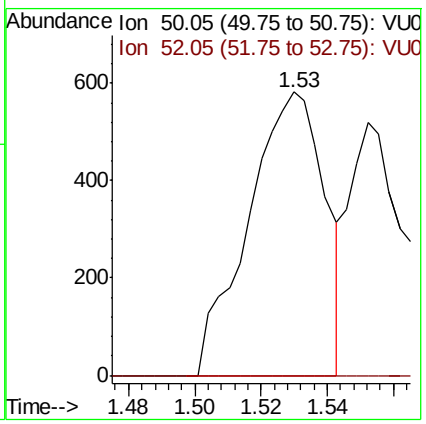


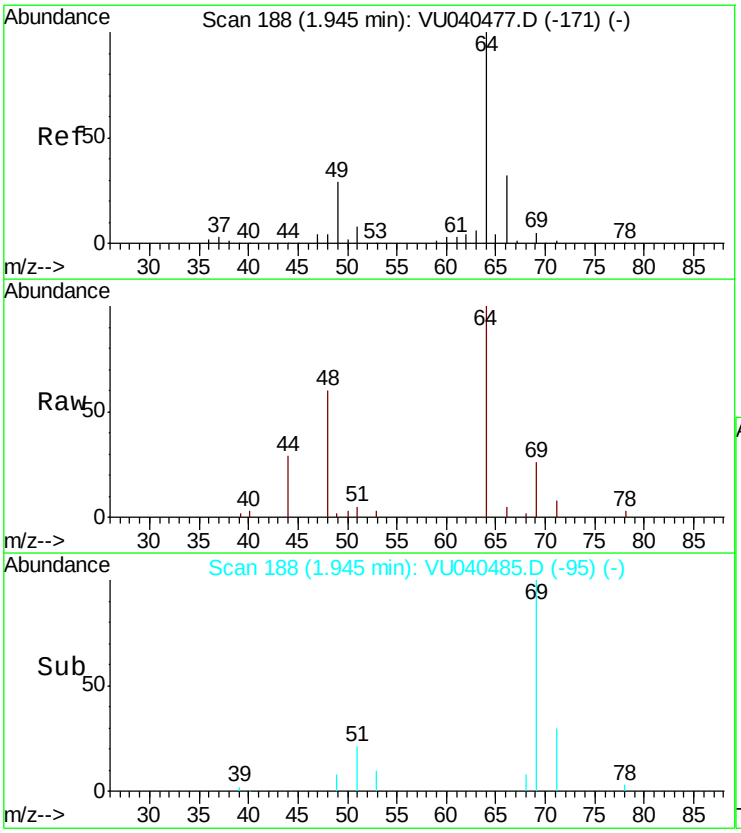
#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion: 50 Resp: 932

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.6#

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

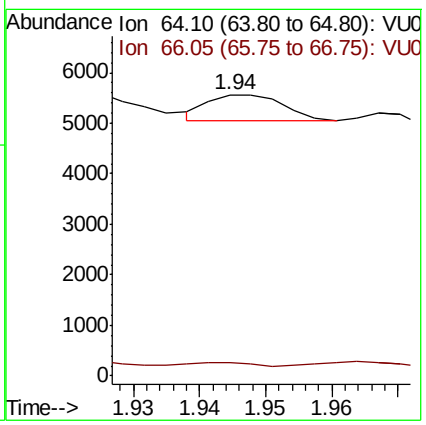


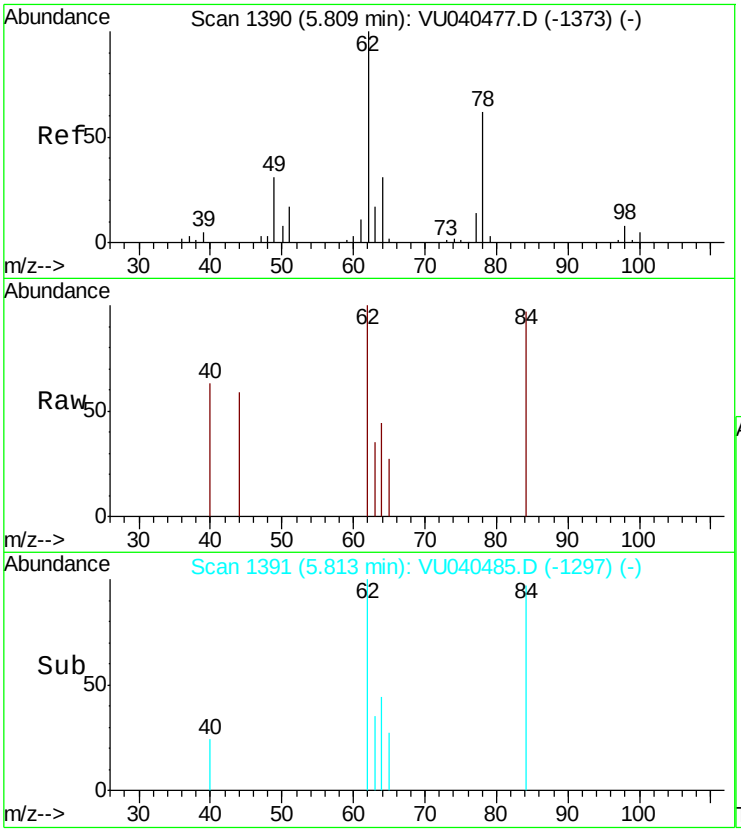


#8
Chloroethane
Concen: 0.053 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion: 64 Resp: 400

Ion	Ratio	Lower	Upper
64	100		
66	4.7	21.3	39.6#



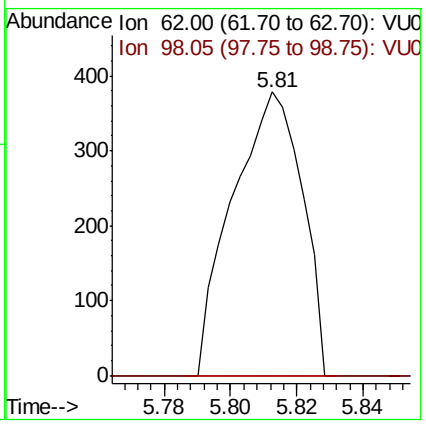


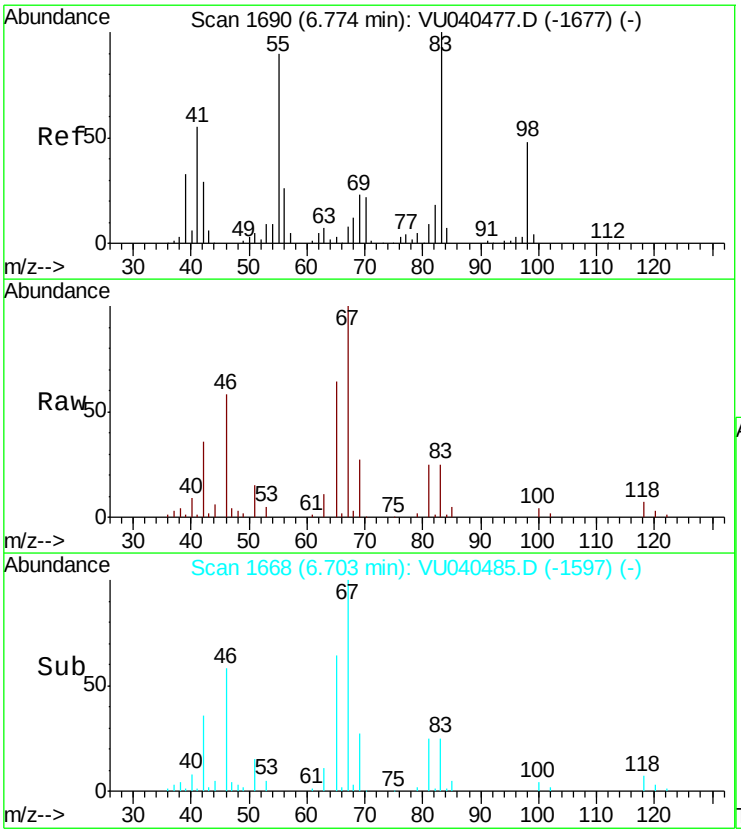
#27
1,2-Dichloroethane
Concen: 0.037 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion: 62 Resp: 552

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

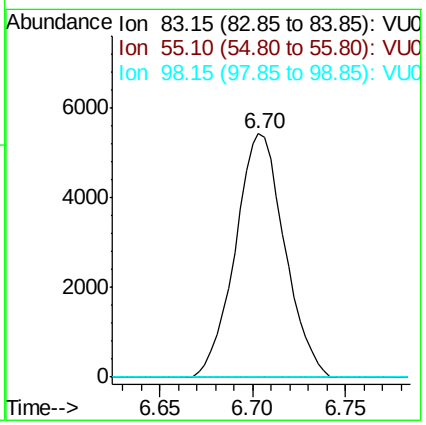


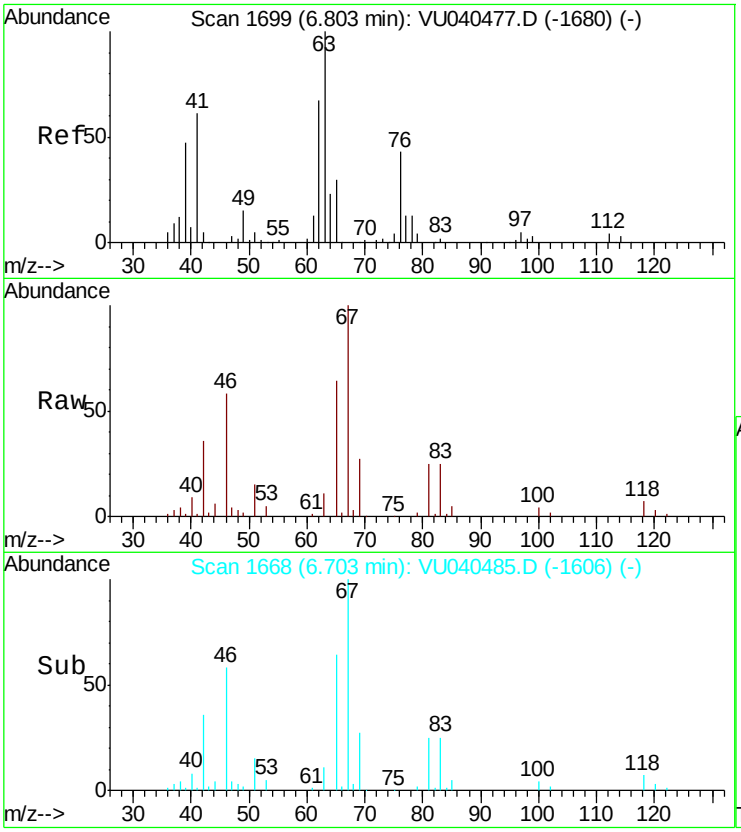


#35
Methylcyclohexane
Concen: 0.582 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion: 83 Resp: 10017

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.2#
98	0.0	38.5	57.7#



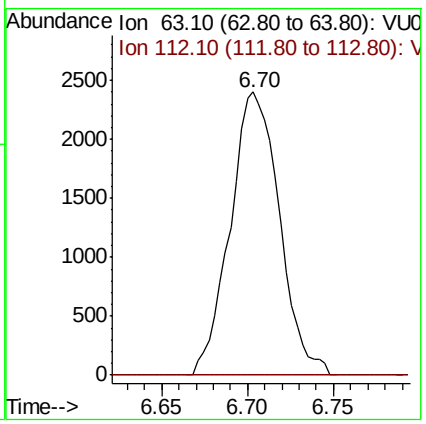


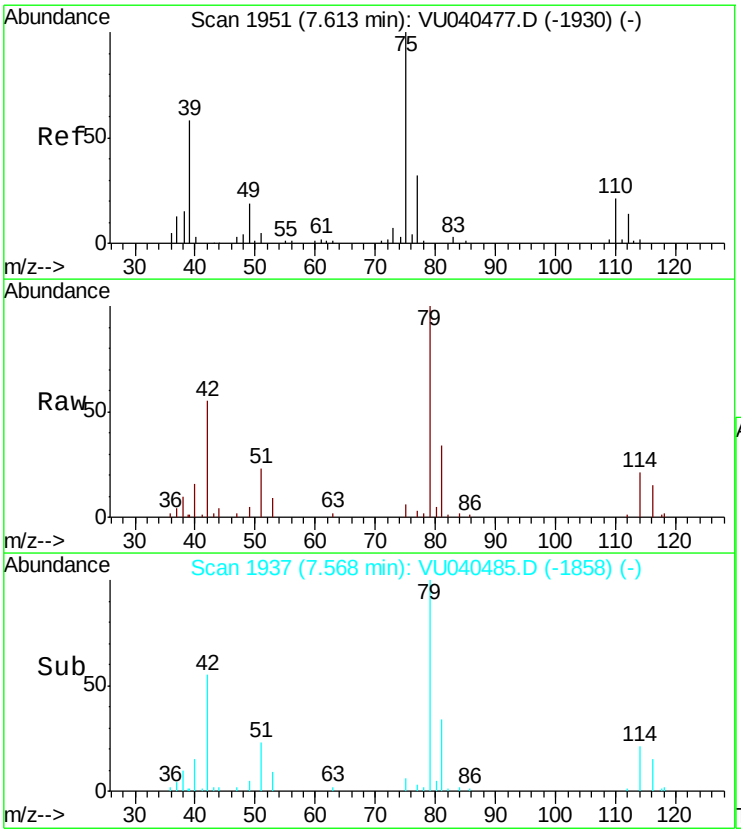
#37
1,2-Dichloropropane
Concen: 0.388 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion: 63 Resp: 4776

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

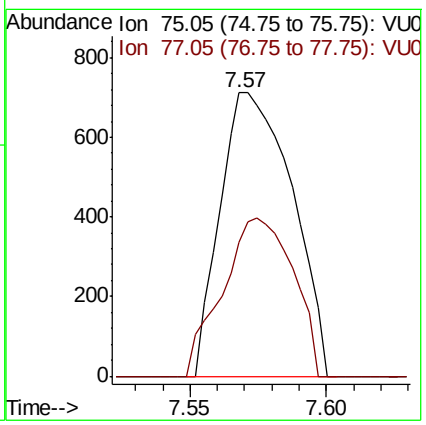


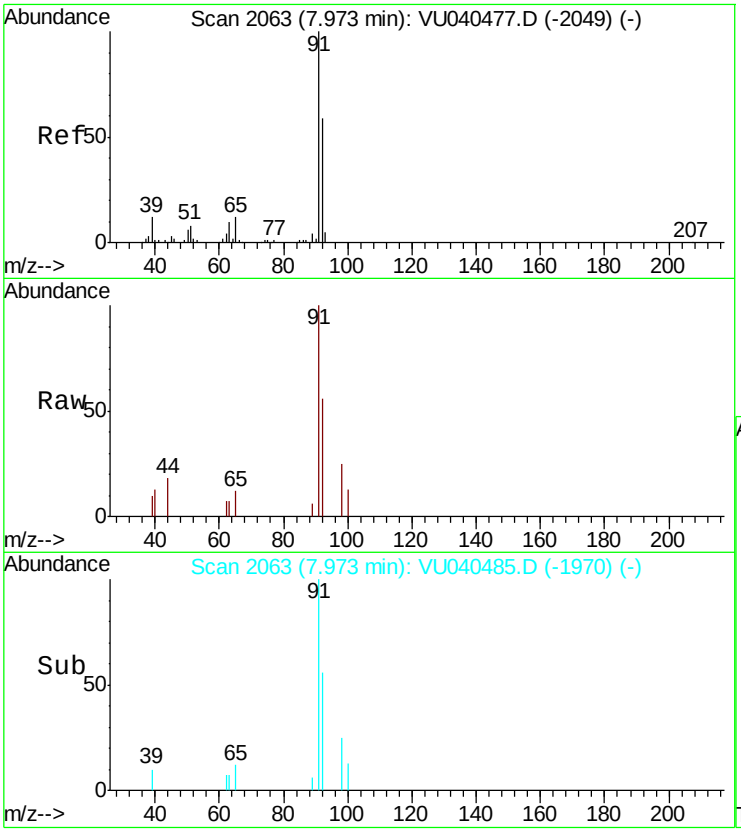


#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion: 75 Resp: 1306

Ion	Ratio	Lower	Upper
75	100		
77	47.1	23.5	43.7#



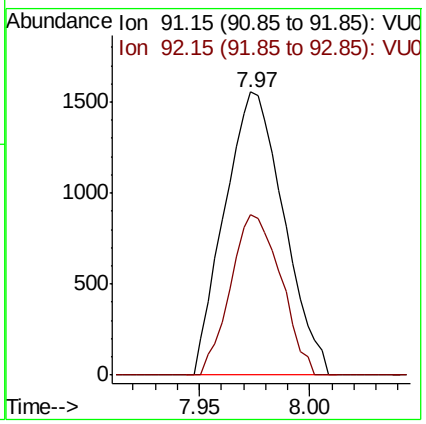


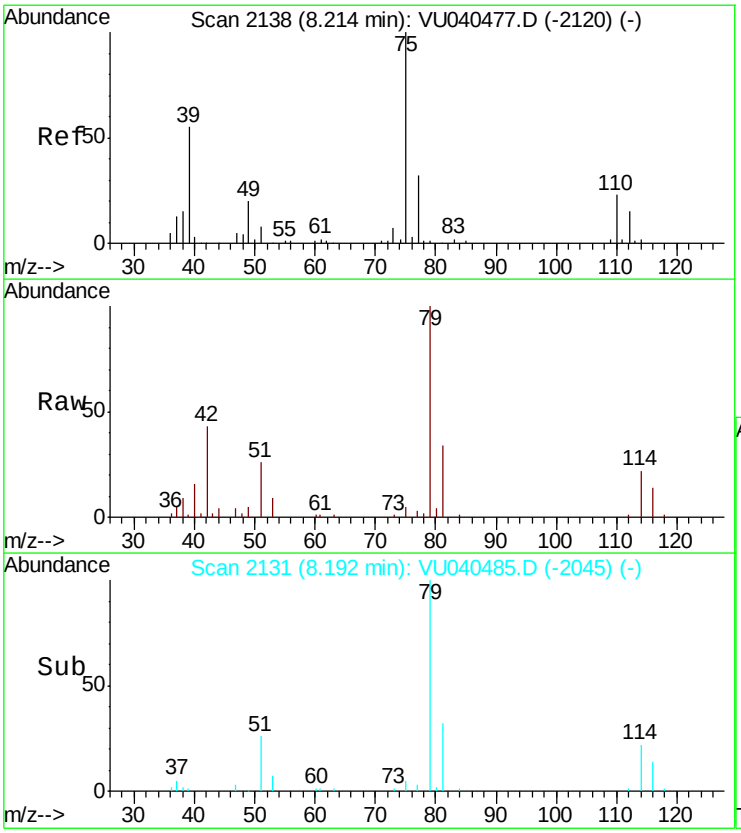
#42
Toluene
Concen: 0.064 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion: 91 Resp: 2898

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.0	74.4

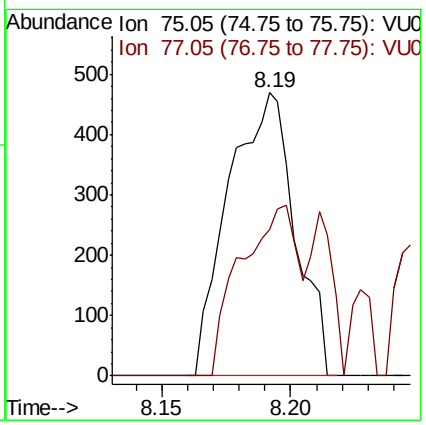


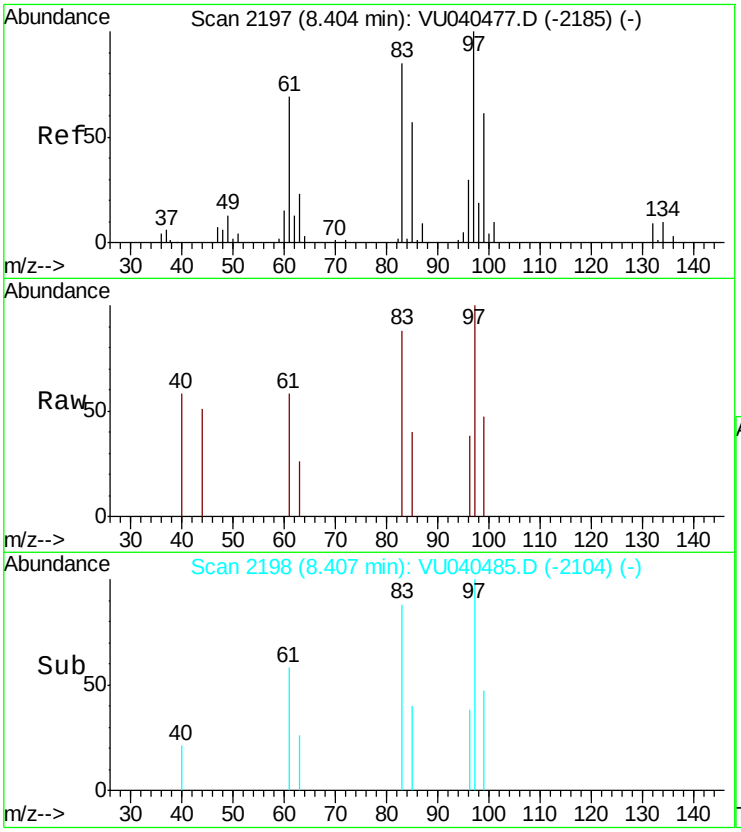


#44
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion: 75 Resp: 843

Ion	Ratio	Lower	Upper
75	100		
77	51.6	22.3	41.3#



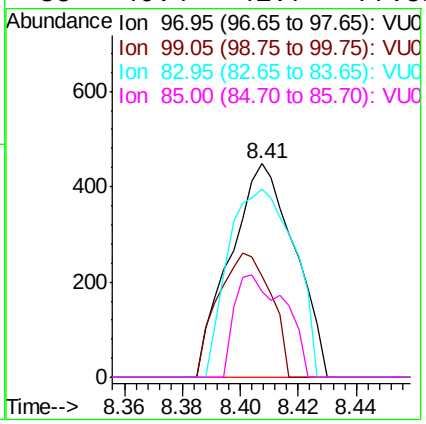


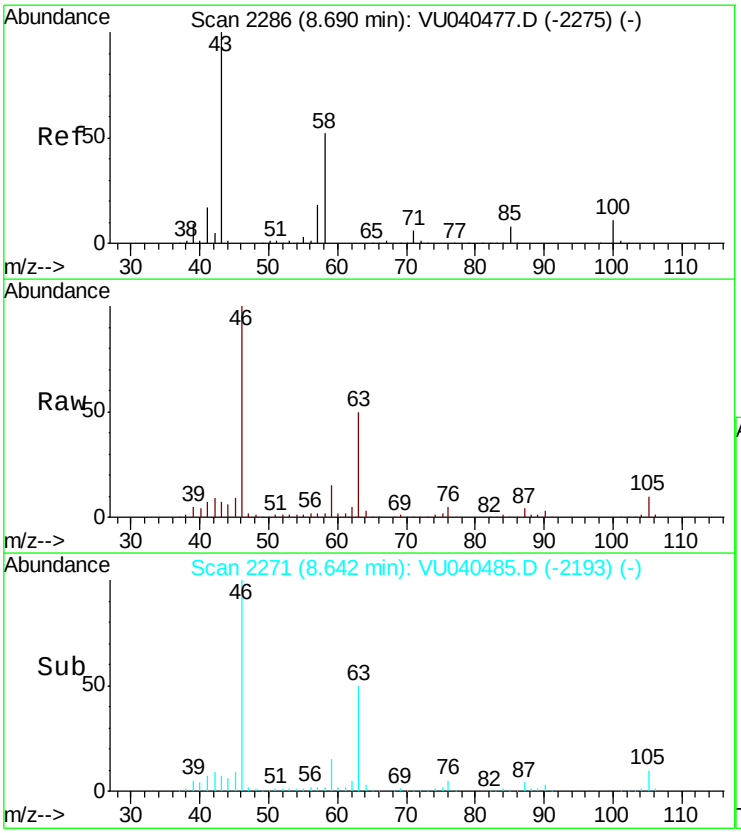
#45
1,1,2-Trichloroethane
Concen: 0.080 ug/L
RT: 8.41 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion: 97 Resp: 689

Ion	Ratio	Lower	Upper
97	100		
99	47.3	45.8	85.0
83	88.2	62.9	116.9
85	40.4	41.7	77.5#

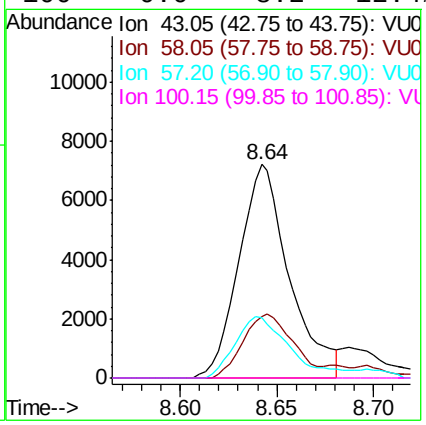


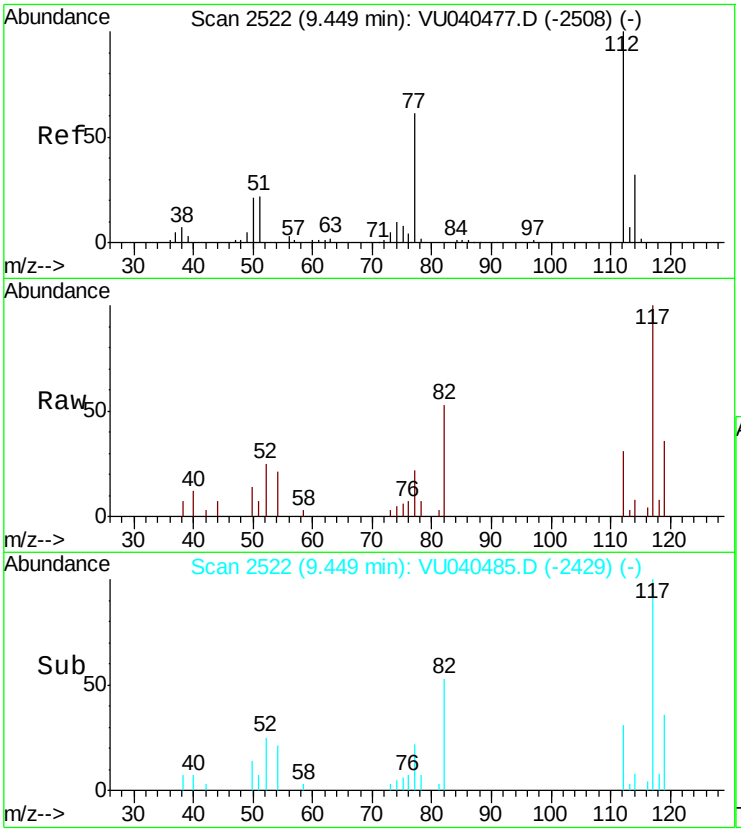


#48
2-Hexanone
Concen: 1.840 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion: 43 Resp: 13075

Ion	Ratio	Lower	Upper
43	100		
58	29.8	41.0	61.4#
57	31.8	14.6	22.0#
100	0.0	8.2	12.4#



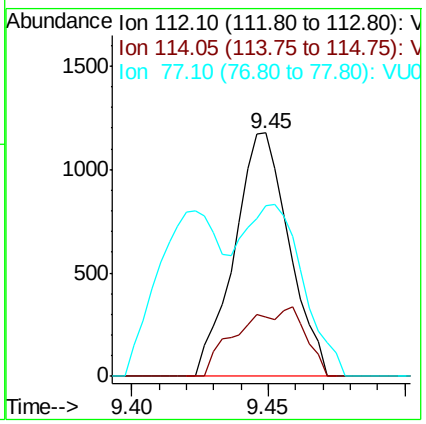


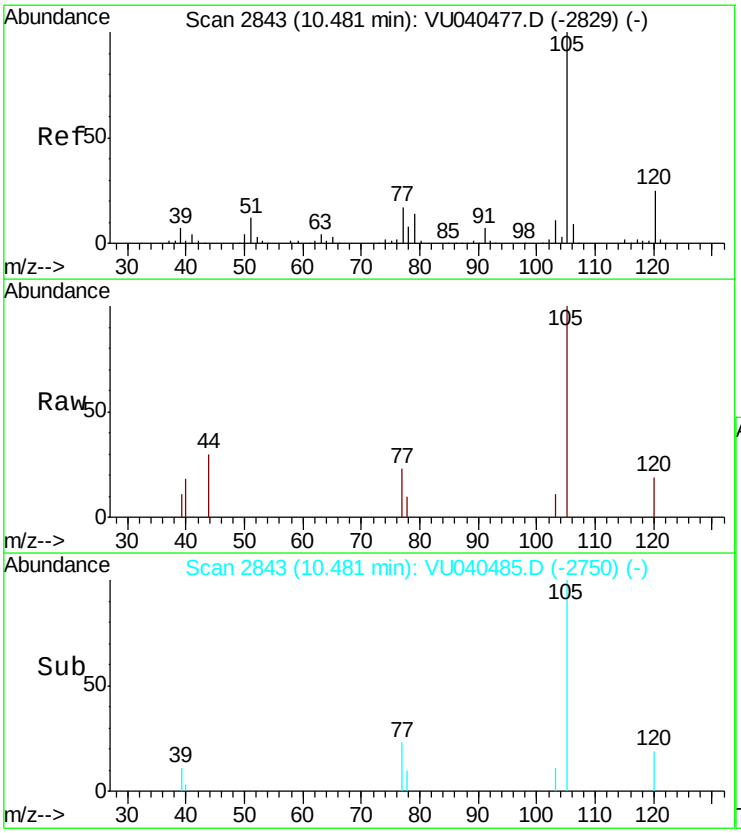
#51
Chlorobenzene
Concen: 0.056 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion:112 Resp: 1637

Ion	Ratio	Lower	Upper
112	100		
114	24.6	22.0	40.8
77	70.0	49.5	74.3

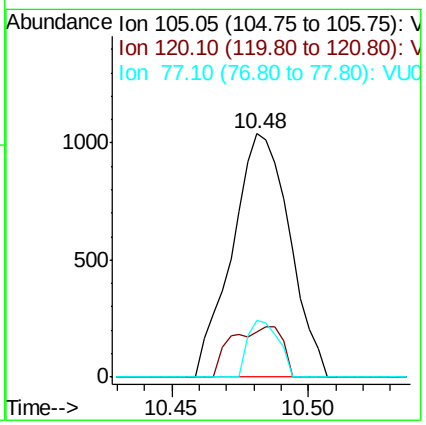


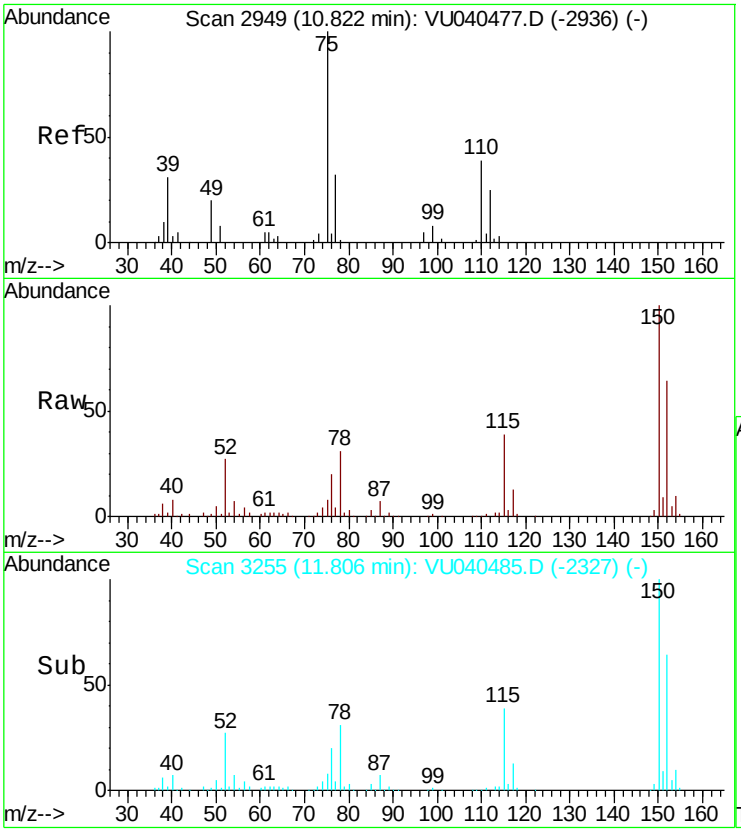


#56
Isopropylbenzene
Concen: 0.033 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion:105 Resp: 1518

Ion	Ratio	Lower	Upper
105	100		
120	18.2	20.6	30.8#
77	12.2	14.3	21.5#



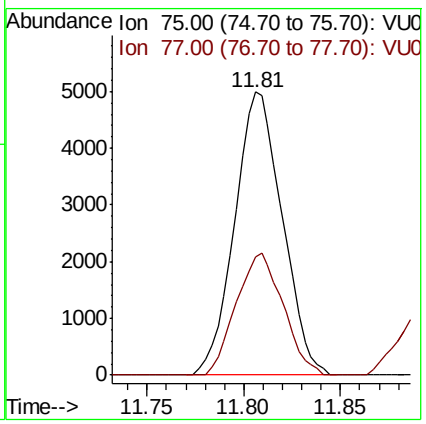


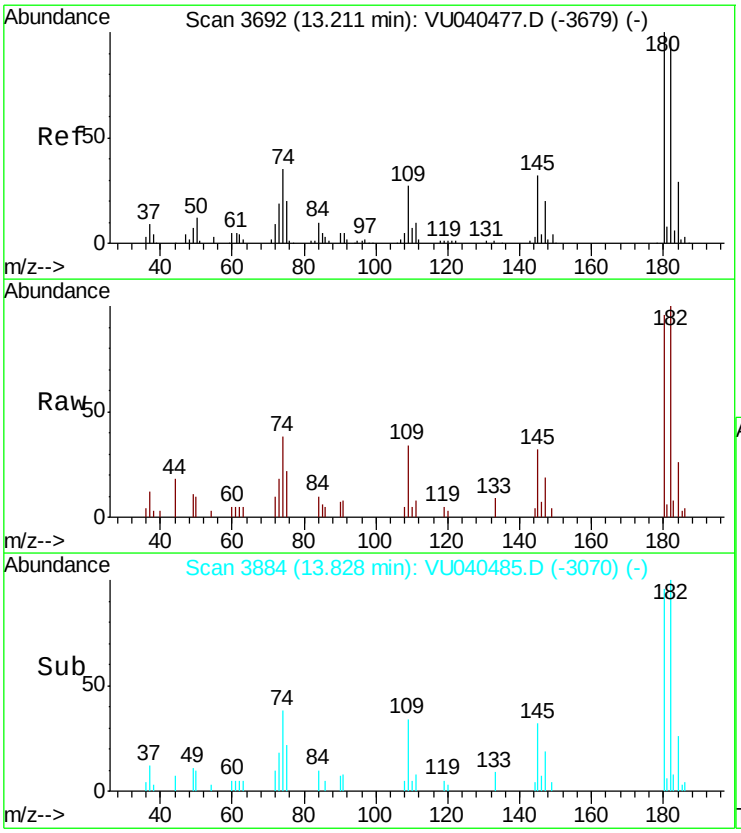
#59
1,2,3-Trichloropropane
Concen: 0.955 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion: 75 Resp: 8523

Ion	Ratio	Lower	Upper
75	100		
77	42.6	25.7	38.5#

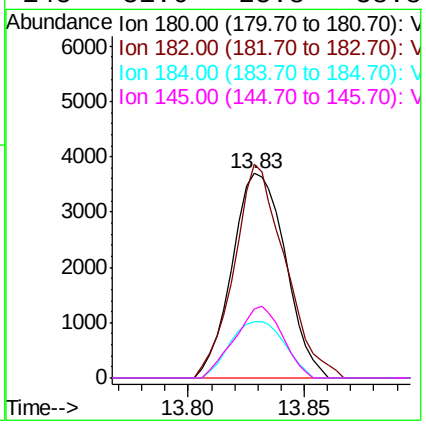


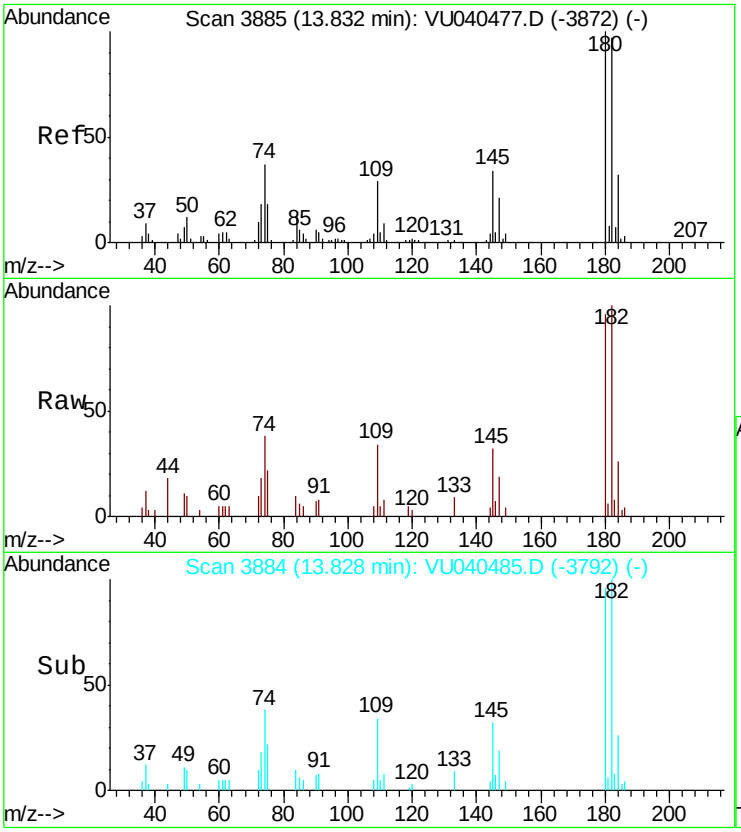


#67
1,3,5-Trichlorobenzene
Concen: 0.398 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. 0.62 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion:180 Resp: 5902

Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.5	114.7
184	28.3	24.6	37.0
145	31.6	25.8	38.8



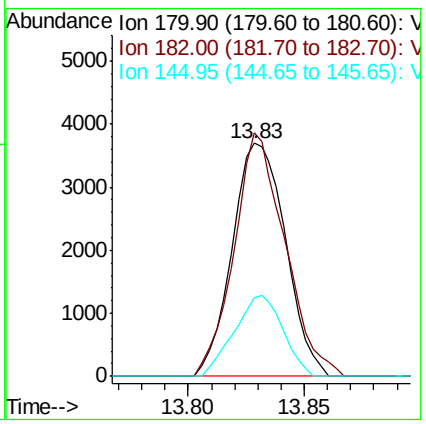


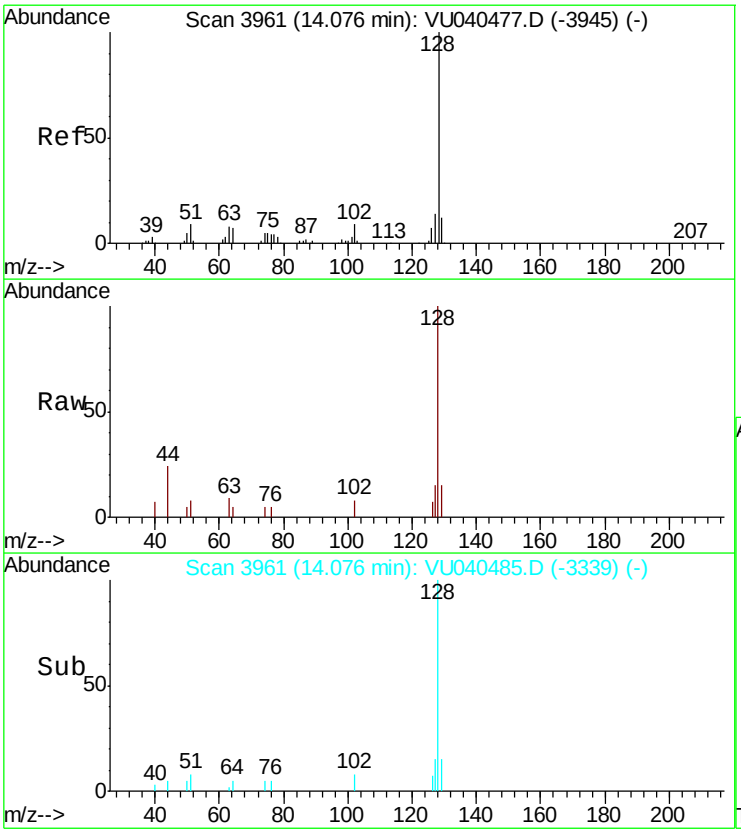
#68
1,2,4-trichlorobenzene
Concen: 0.495 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion:180 Resp: 5902

Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.6	115.0
145	31.6	26.3	39.5

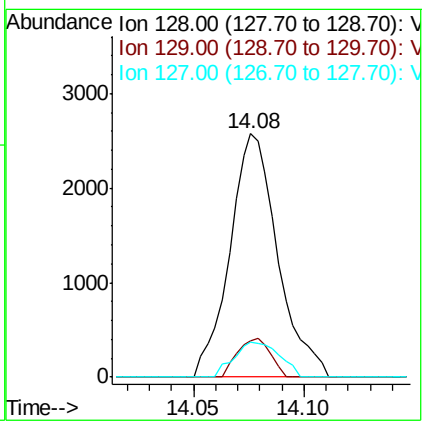


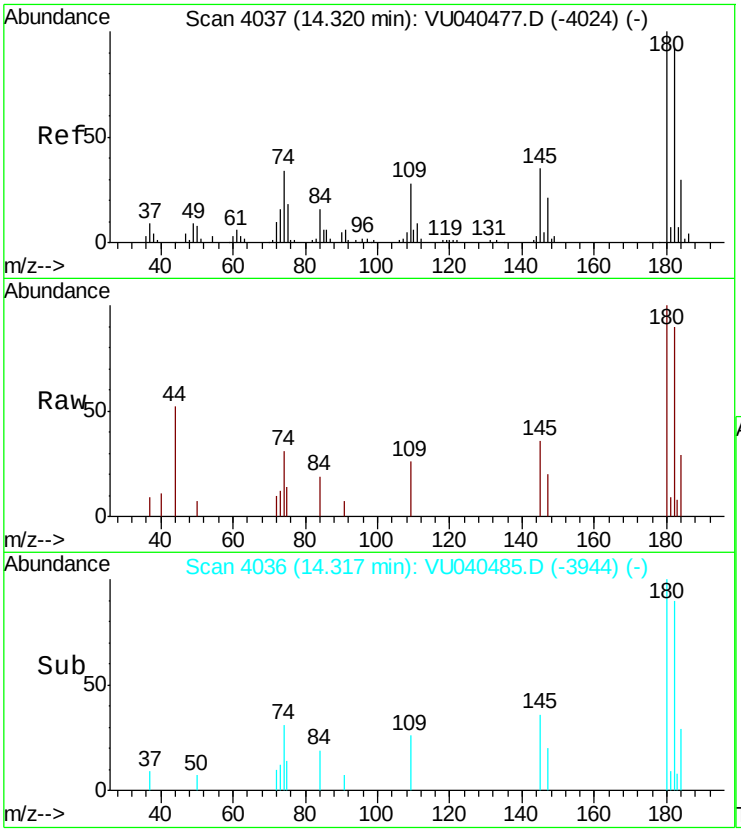


#69
Naphthalene
Concen: 0.191 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion:128 Resp: 3879

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.2	12.4
127	13.8	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 0.184 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion:180 Resp: 2008

Ion	Ratio	Lower	Upper
180	100		
182	105.1	76.6	115.0
145	32.7	27.8	41.6