Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039289.D
Acq On : 06 Jul 2020 14:28
Operator : SY/MD
Sample : L3193-07MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4296MS

Quant Time: Jul 07 01:46:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120716	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53663	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	46945	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.93	69	40191	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.58	63	88669	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.80%			
20) 2-Butanone-d5	4.66	46	163204	46.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.28%			
24) Chloroform-d	5.08	84	87842	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.72	65	52000	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.74	84	174638	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.71	67	58488	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.91	98	160038	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
43) trans-1,3-Dichloropropene-	8.19	79	22262	4.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%			
46) 2-Hexanone-d5	8.64	63	135971	48.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.44%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	51944	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	60568	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	38094	4.236	ug/L #	64
12) 1,1-Dichloroethene	2.59	96	35650	5.213	ug/L	95
16) Methylene chloride	3.06	84	1334	0.153	ug/L #	76
18) trans-1,2-Dichloroethene	3.37	96	6456	0.868	ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	12286	1.450	ug/L	98
30) Cyclohexane	5.40	56	10983	0.853	ug/L	95
33) Benzene	5.79	78	173684	5.503	ug/L	100
34) Trichloroethene	6.56	95	43005	5.285	ug/L	93
42) Toluene	7.98	91	182721	5.319	ug/L	99
51) Chlorobenzene	9.45	112	110335	5.194	ug/L	98
53) m,p-Xylene	9.70	106	1552	0.108	ug/L	66

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

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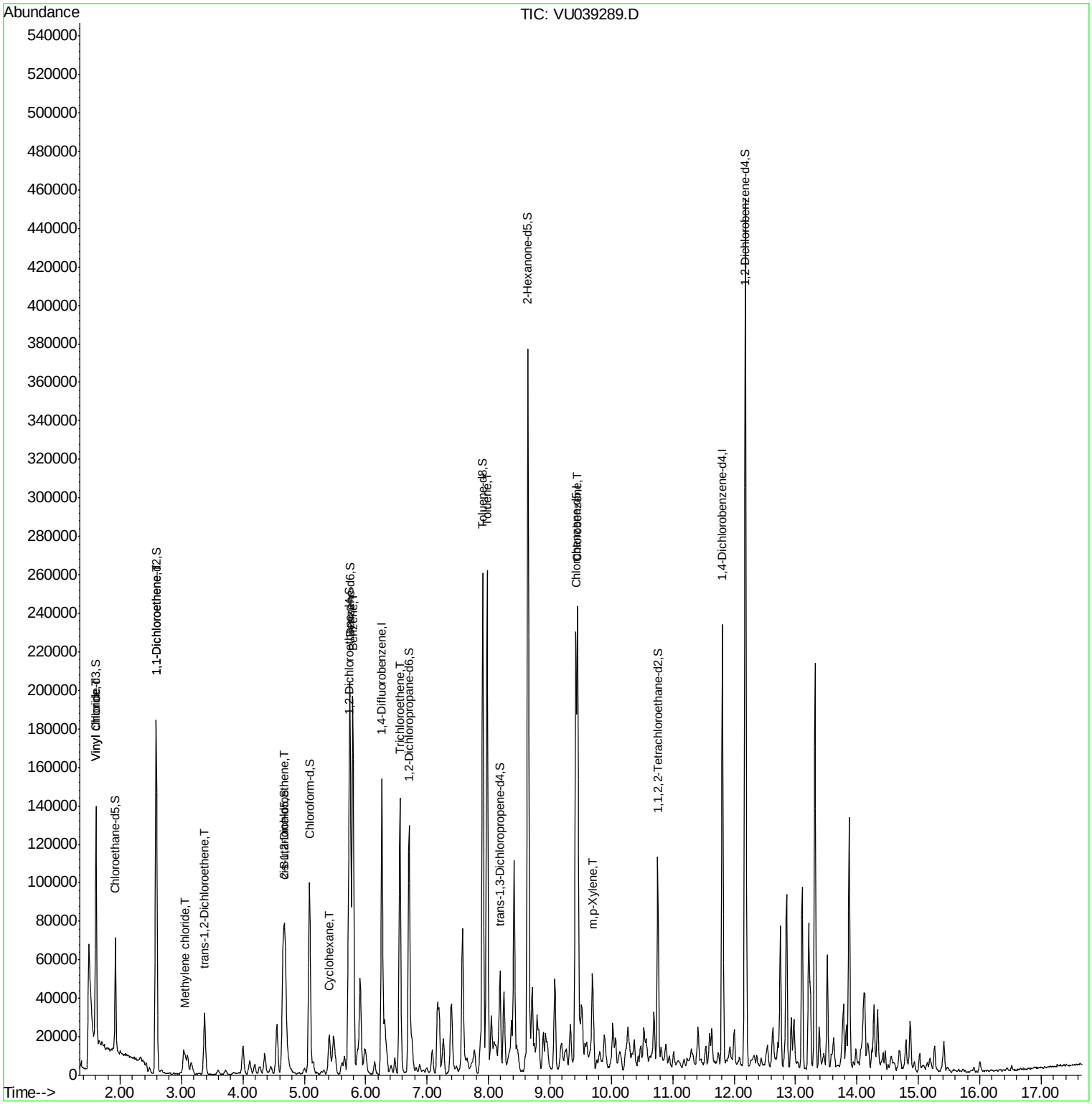
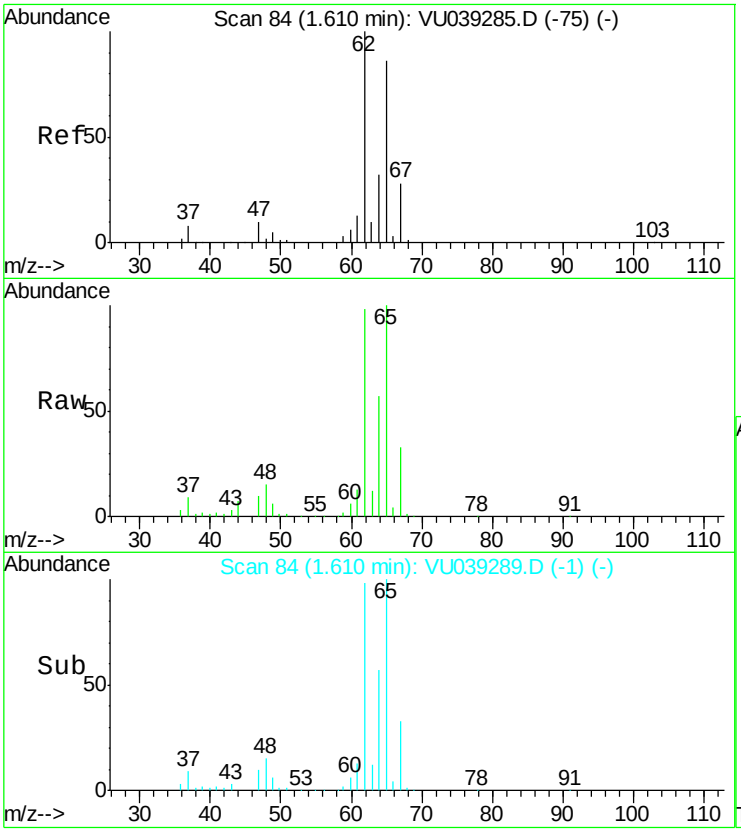
Instrument :
MSVOA_U
ClientSampleId :
H4296MS

Quant Time: Jul 07 01:46:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration



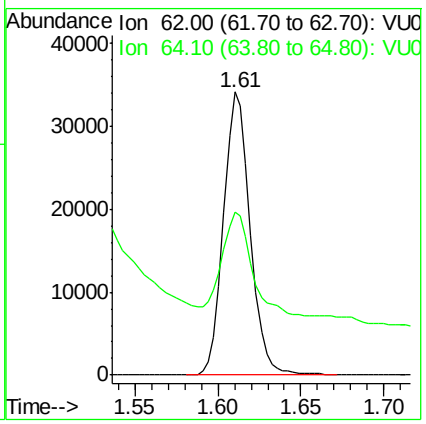


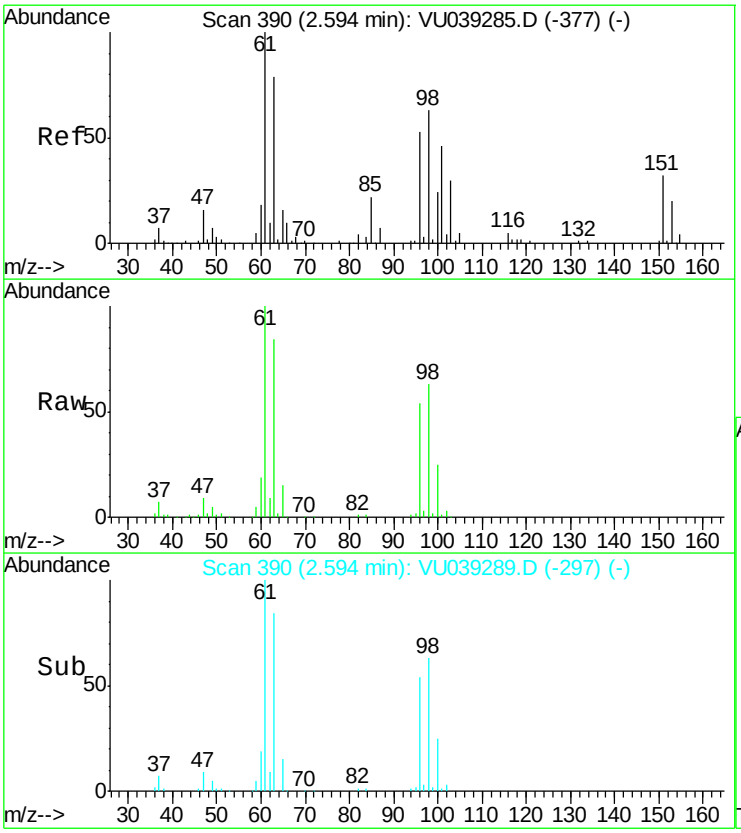
#5
Vinyl chloride
Concen: 4.236 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Instrument : MSVOA_U
ClientSampleId : H4296MS

Tgt Ion: 62 Resp: 38094

Ion	Ratio	Lower	Upper
62	100		
64	57.6	25.6	47.4#

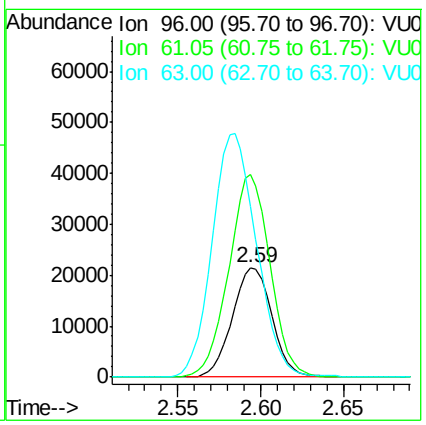


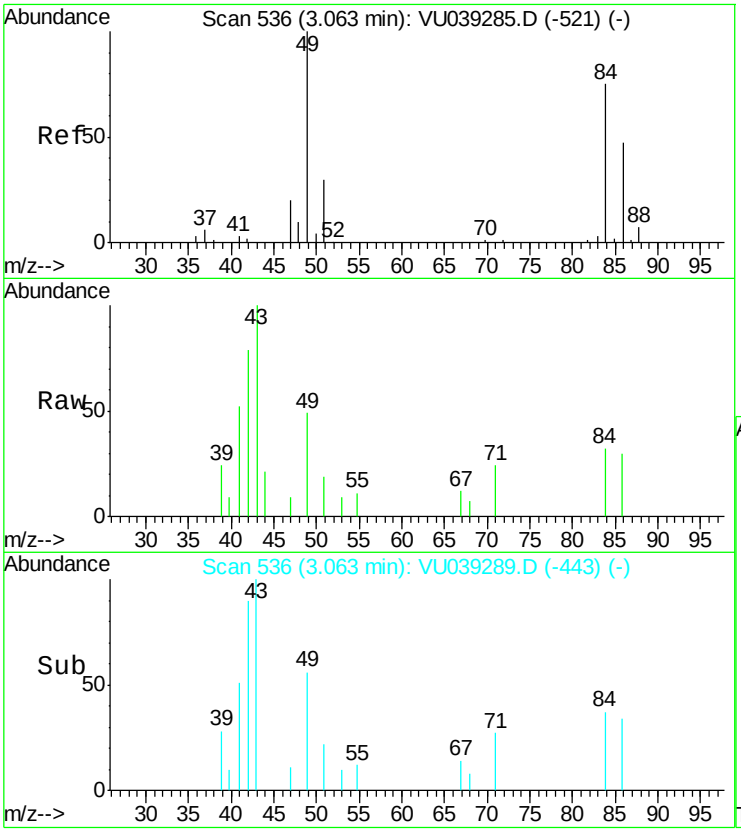


#12
1,1-Dichloroethene
Concen: 5.213 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Tgt Ion: 96 Resp: 35650

Ion	Ratio	Lower	Upper
96	100		
61	185.9	123.8	230.0
63	155.7	112.1	208.3



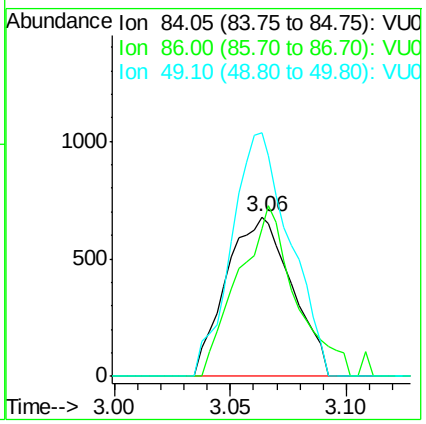


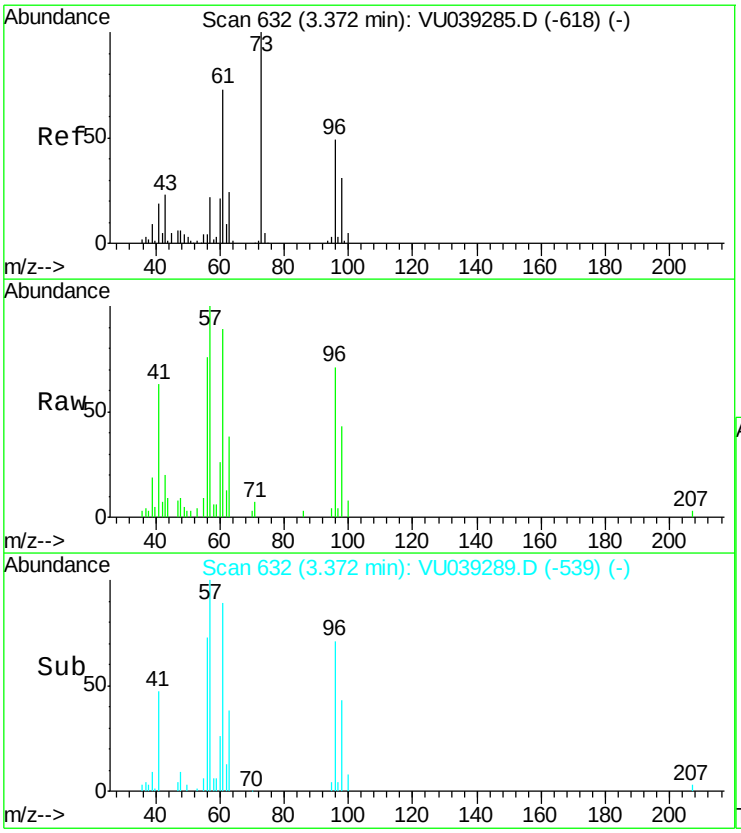
#16
Methylene chloride
Concen: 0.153 ug/L
RT: 3.06 min Scan# 536
Delta R.T. -0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Instrument : MSVOA_U
ClientSampleId : H4296MS

Tgt Ion: 84 Resp: 1334

Ion	Ratio	Lower	Upper
84	100		
86	92.3	42.6	79.0#
49	152.6	93.0	172.8

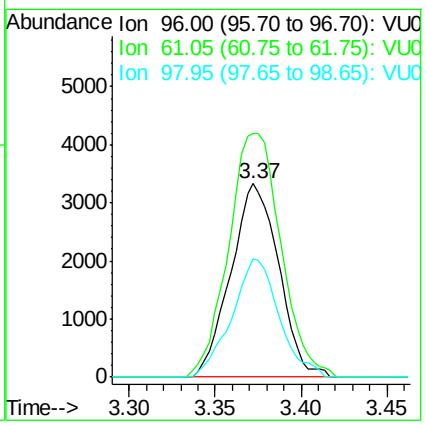


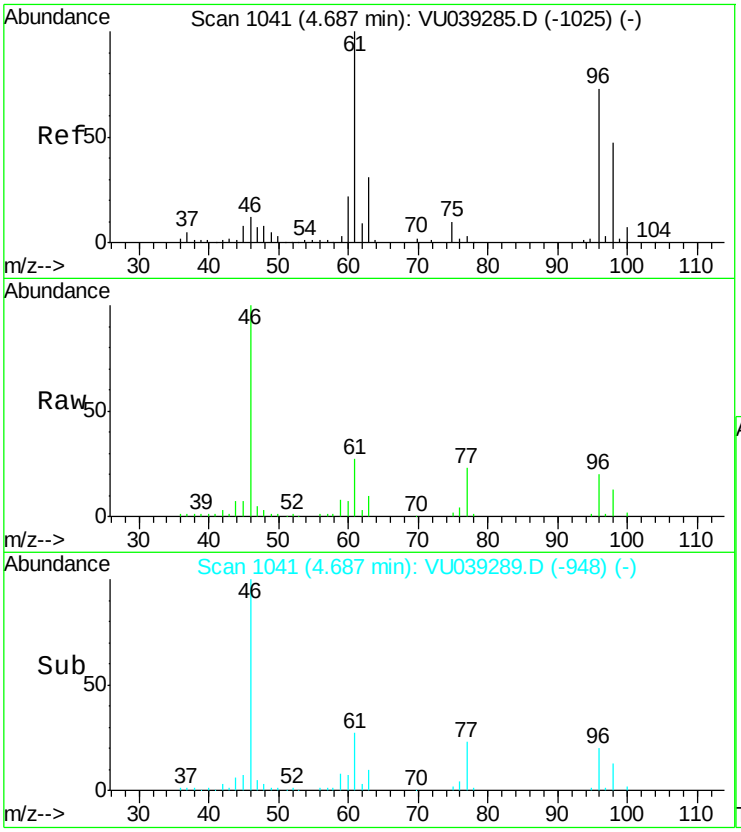


#18
trans-1,2-Dichloroethene
Concen: 0.868 ug/L
RT: 3.37 min Scan# 632
Delta R.T. -0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Tgt Ion: 96 Resp: 6456

Ion	Ratio	Lower	Upper
96	100		
61	126.0	104.7	194.5
98	61.2	43.1	80.1



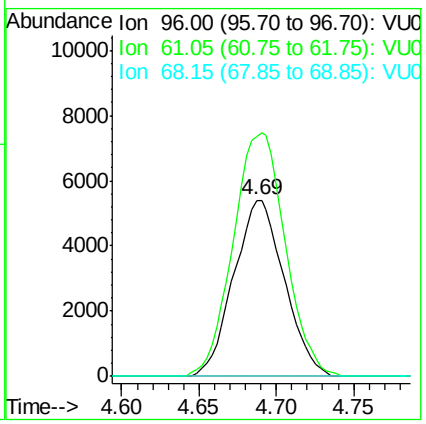


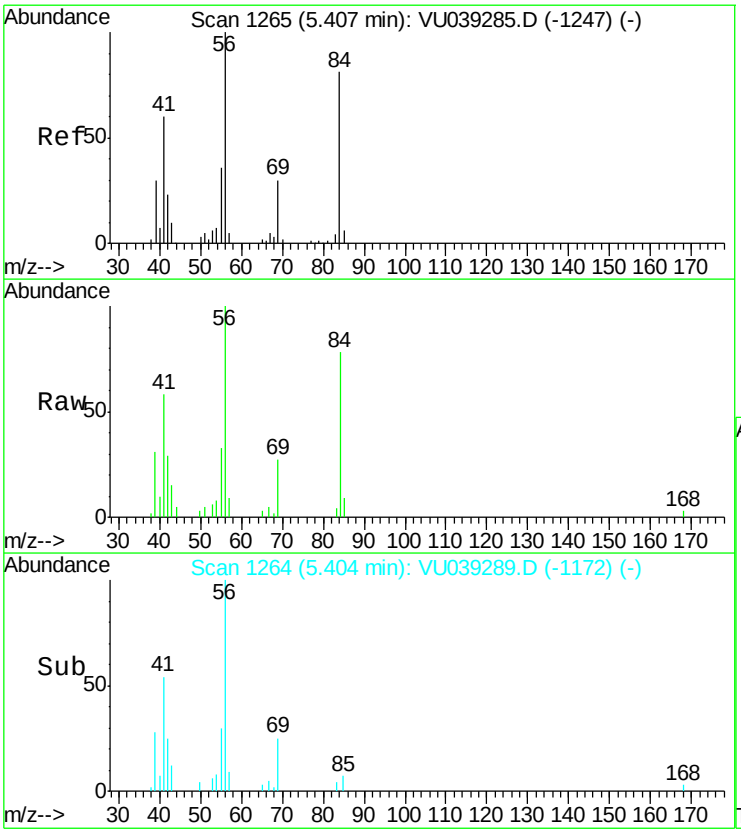
#22
cis-1,2-Dichloroethene
Concen: 1.450 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Instrument :
MSVOA_U
ClientSampleId :
H4296MS

Tgt Ion: 96 Resp: 12286

Ion	Ratio	Lower	Upper
96	100		
61	136.3	93.7	173.9
68	0.0	0.0	0.0

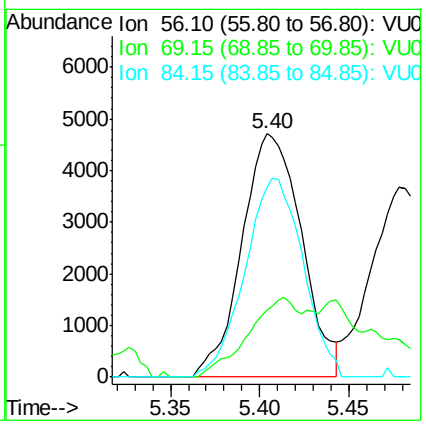


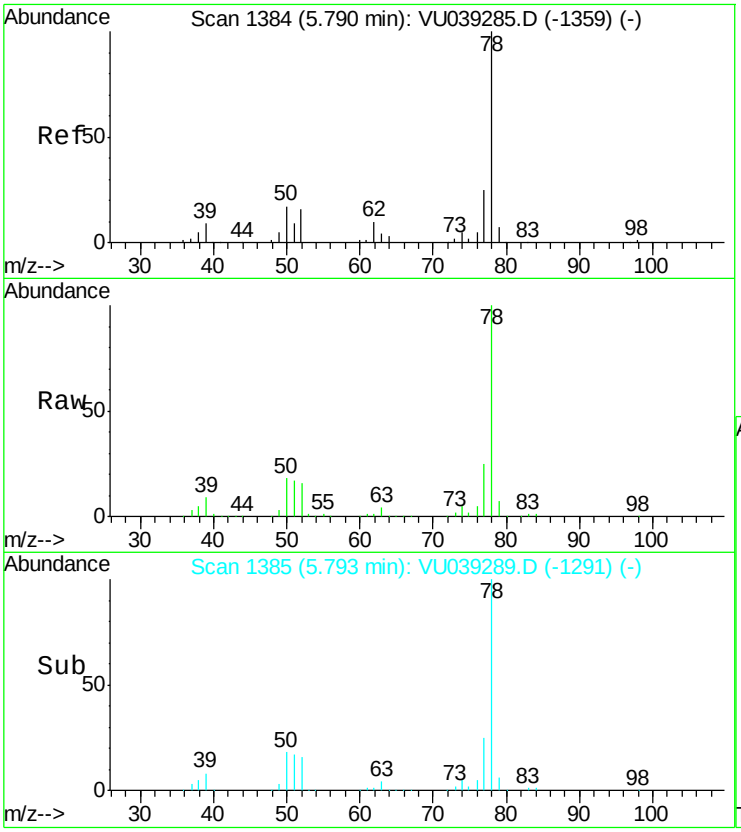


#30
Cyclohexane
Concen: 0.853 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Tgt Ion: 56 Resp: 10983

Ion	Ratio	Lower	Upper
56	100		
69	27.7	24.2	36.4
84	79.4	67.0	100.4

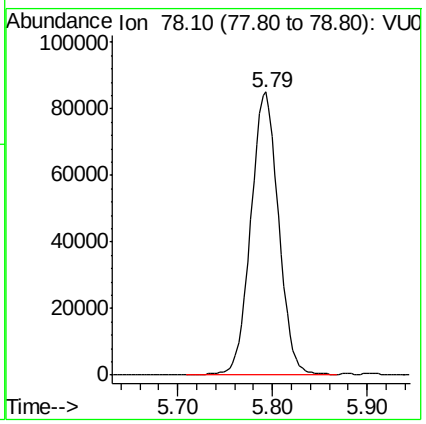


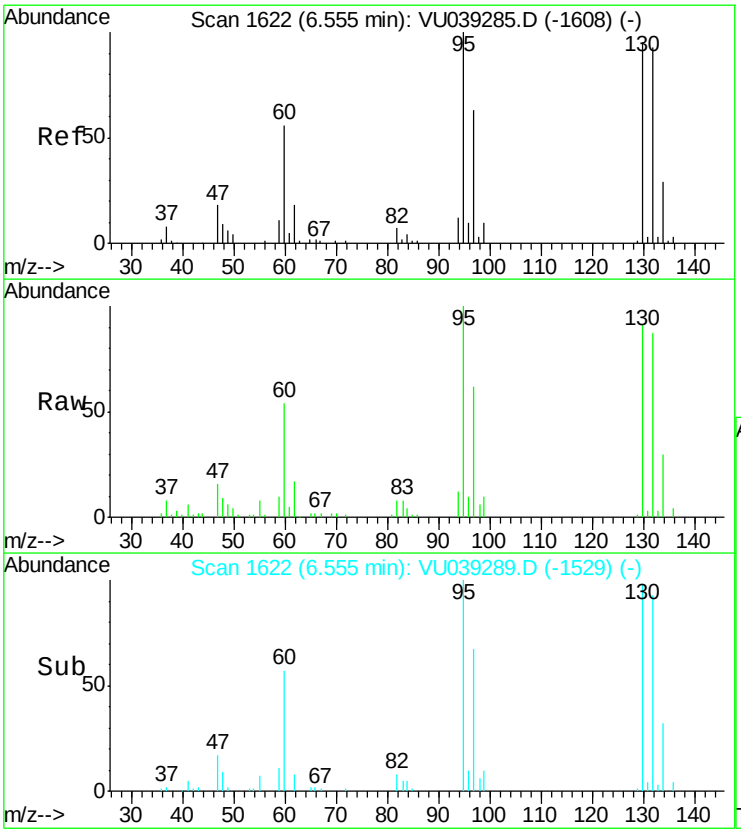


#33
Benzene
Concen: 5.503 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Instrument :
MSVOA_U
ClientSampleId :
H4296MS

Tgt Ion: 78 Resp: 173684

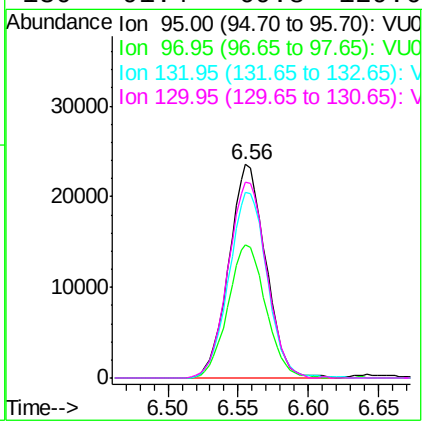


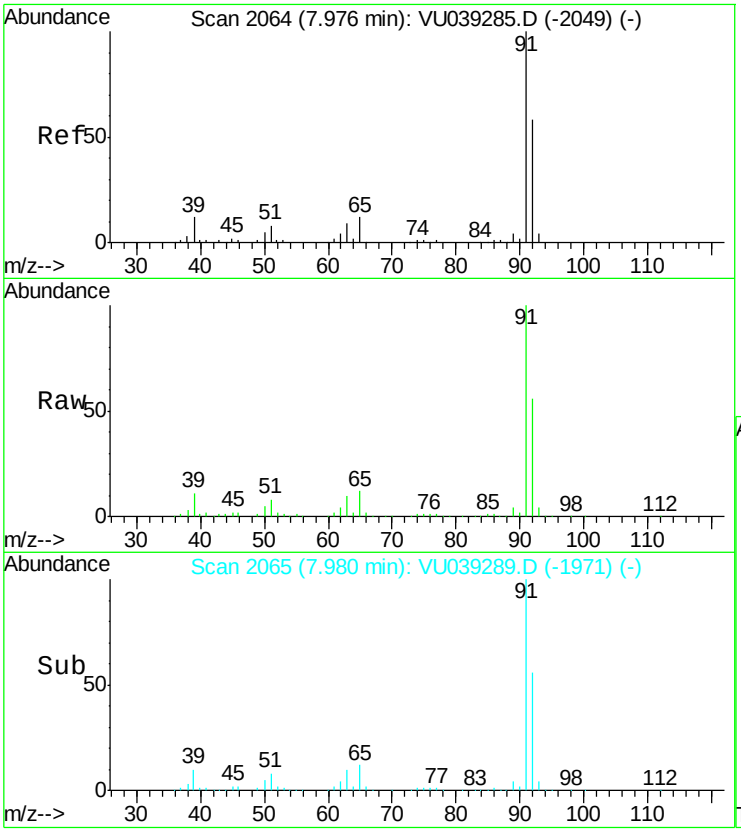


#34
Trichloroethene
Concen: 5.285 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Tgt Ion: 95 Resp: 43005

Ion	Ratio	Lower	Upper
95	100		
97	62.3	47.0	87.2
132	86.7	65.0	120.8
130	91.4	69.8	129.6



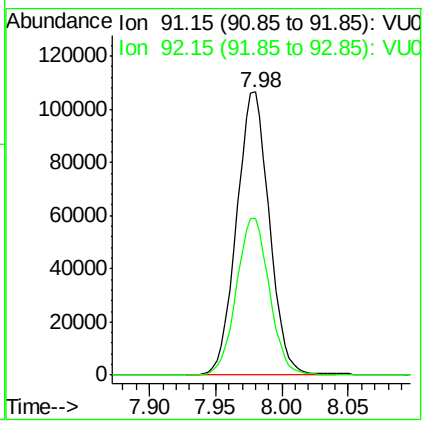


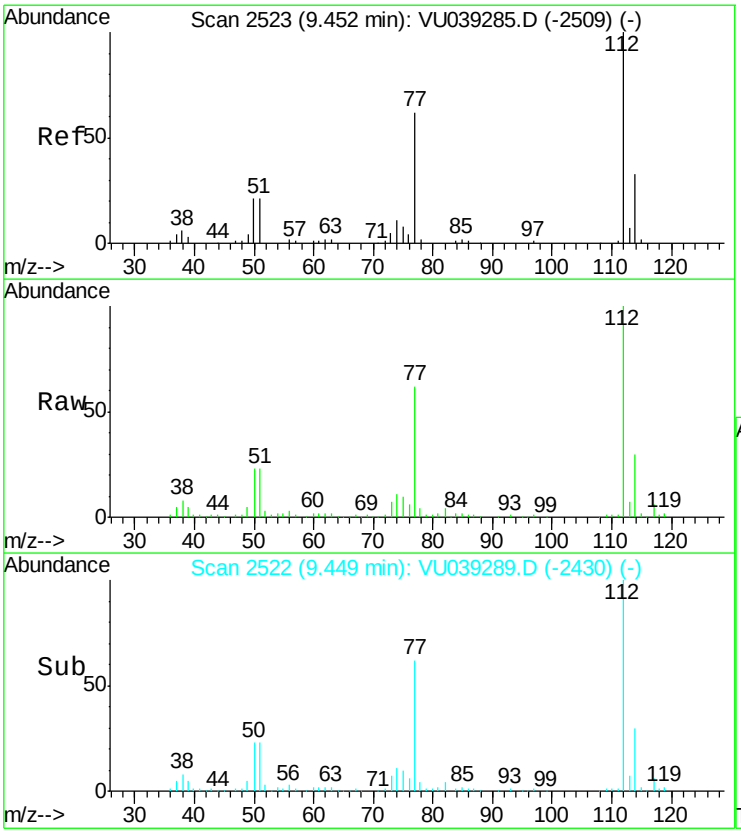
#42
Toluene
Concen: 5.319 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Instrument :
MSVOA_U
ClientSampleId :
H4296MS

Tgt Ion: 91 Resp: 182721

Ion	Ratio	Lower	Upper
91	100		
92	55.6	39.3	72.9

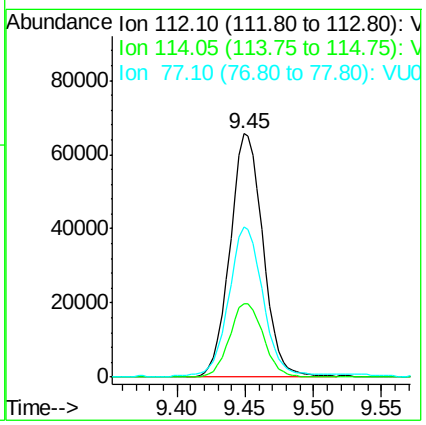


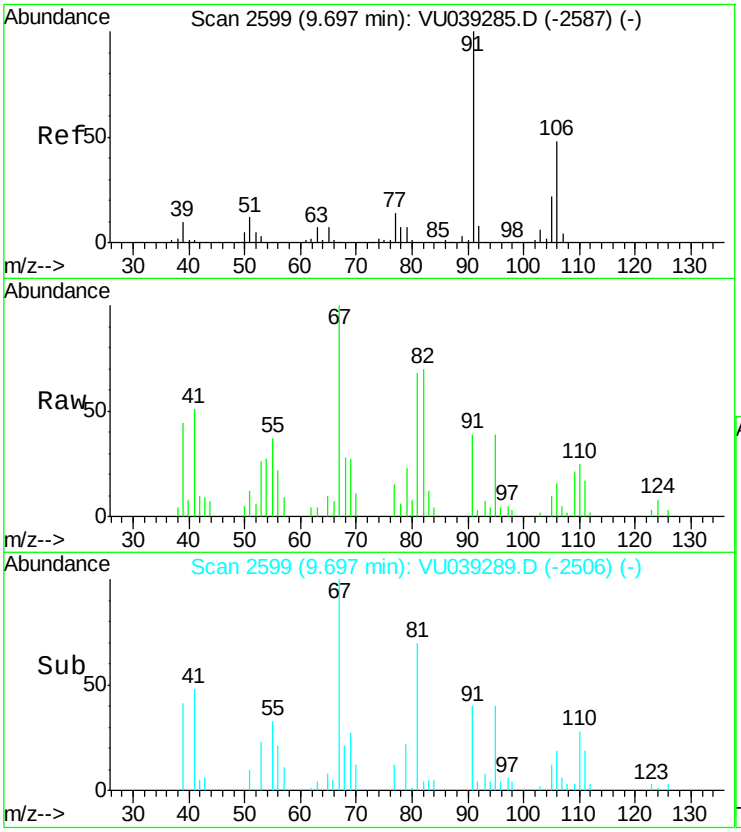


#51
Chlorobenzene
Concen: 5.194 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Tgt Ion:112 Resp: 110335

Ion	Ratio	Lower	Upper
112	100		
114	30.4	21.9	40.7
77	61.8	48.2	72.4





#53
m,p-Xylene
Concen: 0.108 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039289.D
Acq: 06 Jul 2020 14:28

Tgt Ion:106 Resp: 1552

Ion	Ratio	Lower	Upper
106	100		
91	261.8	146.6	272.2

Instrument :
MSVOA_U
ClientSampleId :
H4296MS