Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039298.D
Acq On : 06 Jul 2020 17:56
Operator : SY/MD
Sample : L3193-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4277

Quant Time: Jul 07 01:20:45 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	6.27	114	112136	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50872	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	51900	6.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.40%			
7) Chloroethane-d5	1.92	69	43711	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.00%			
11) 1,1-Dichloroethene-d2	2.58	63	85392	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.60%			
20) 2-Butanone-d5	4.72	46	182339	56.10	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.20%			
24) Chloroform-d	5.09	84	83910	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.73	65	49055	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.74	84	167929	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.71	67	57222	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	7.91	98	155340	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	8.19	79	23595	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.65	63	139981	53.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.10%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49861	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	58031	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	5565	0.685	ug/L #	48
5) Vinyl chloride	1.61	62	178573	21.374	ug/L #	65
8) Chloroethane	2.15	64	3569	0.624	ug/L #	54
12) 1,1-Dichloroethene	2.59	96	2329	0.367	ug/L #	1
13) Acetone	2.75	43	19307	12.554	ug/L	62
14) Carbon disulfide	2.81	76	4917	0.243	ug/L #	87
15) Methyl Acetate	3.01	43	17924	4.658	ug/L	98
16) Methylene chloride	3.06	84	736	0.091	ug/L #	84
17) Methyl tert-butyl Ether	3.39	73	275124	13.166	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	39513	5.721	ug/L	98
19) 1,1-Dichloroethane	3.89	63	27586	1.994	ug/L	95
21) 2-Butanone	4.80	43	273414	97.677	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	903770	114.845	ug/L	92
30) Cyclohexane	5.39	56	1628	0.134	ug/L #	94
33) Benzene	5.79	78	25485	0.854	ug/L	100
34) Trichloroethene	6.56	95	22558	2.932	ug/L	97
35) Methylcyclohexane	6.71	83	12384	1.005	ug/L #	18

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039298.D
Acq On : 06 Jul 2020 17:56
Operator : SY/MD
Sample : L3193-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4277

Quant Time: Jul 07 01:20:45 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)
37) 1,2-Dichloropropane	6.71	63	6511	0.782	ug/L	#	90
39) cis-1,3-Dichloropropene	7.58	75	1956	0.151	ug/L	#	39
42) Toluene	7.98	91	6702	0.206	ug/L		99
53) m,p-Xylene	9.69	106	1347	0.099	ug/L		85
54) o-Xylene	10.10	106	1014	0.075	ug/L		97
59) 1,2,3-Trichloropropane	11.81	75	7785	1.244	ug/L		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039298.D
Acq On : 06 Jul 2020 17:56
Operator : SY/MD
Sample : L3193-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
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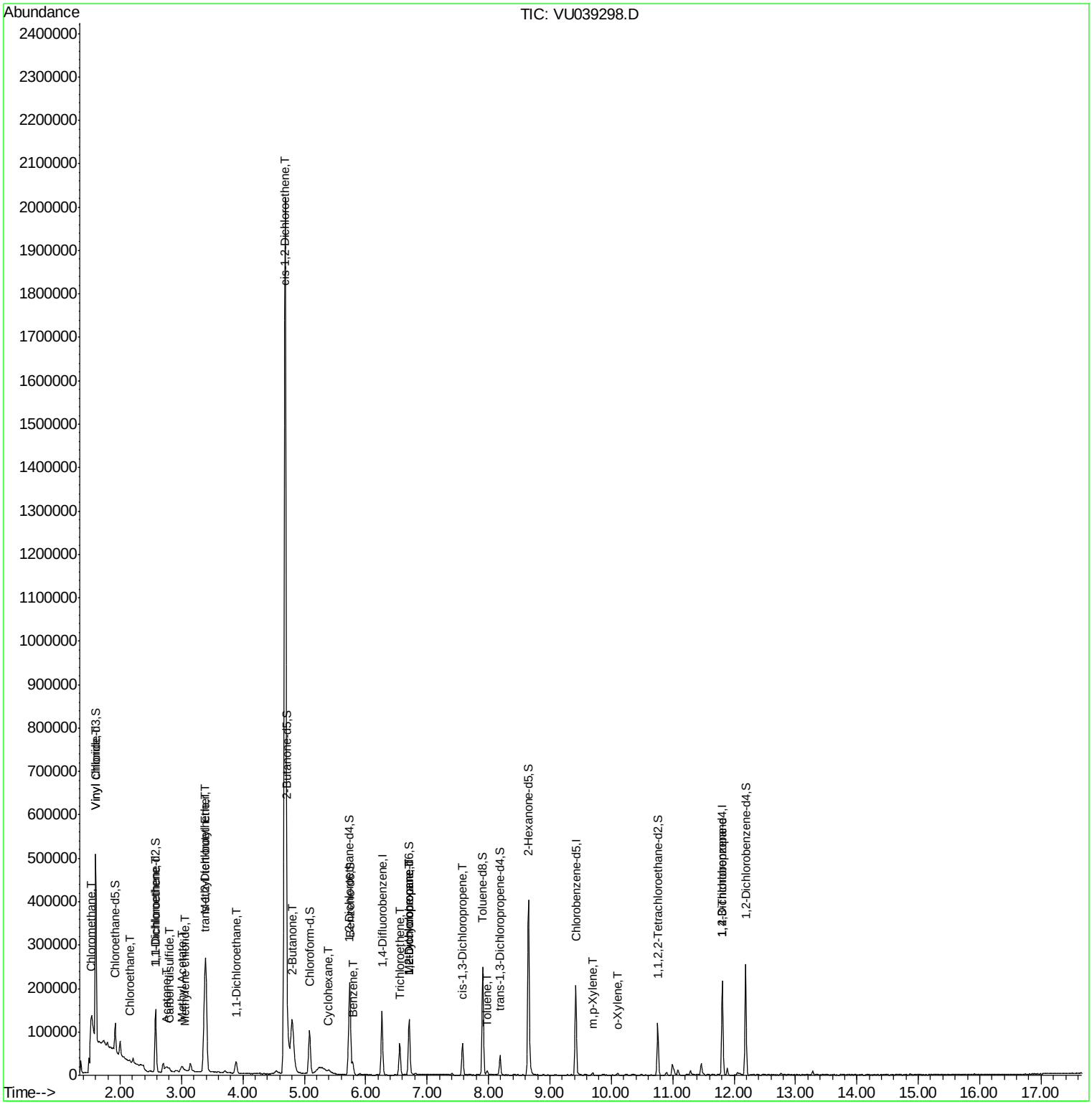
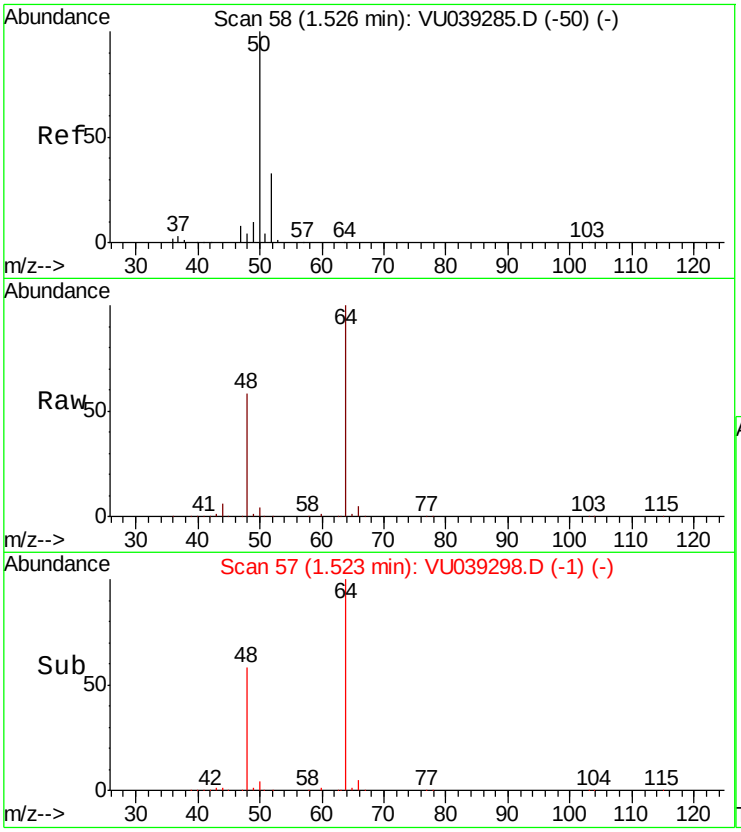
Quant Time: Jul 07 01:20:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration



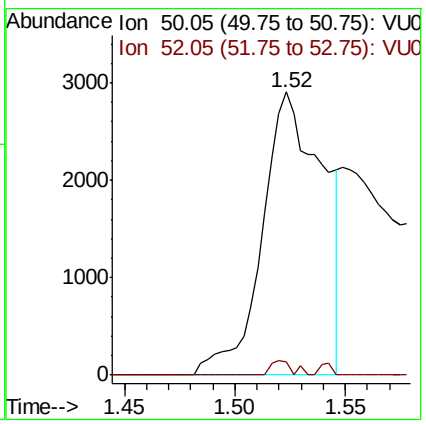


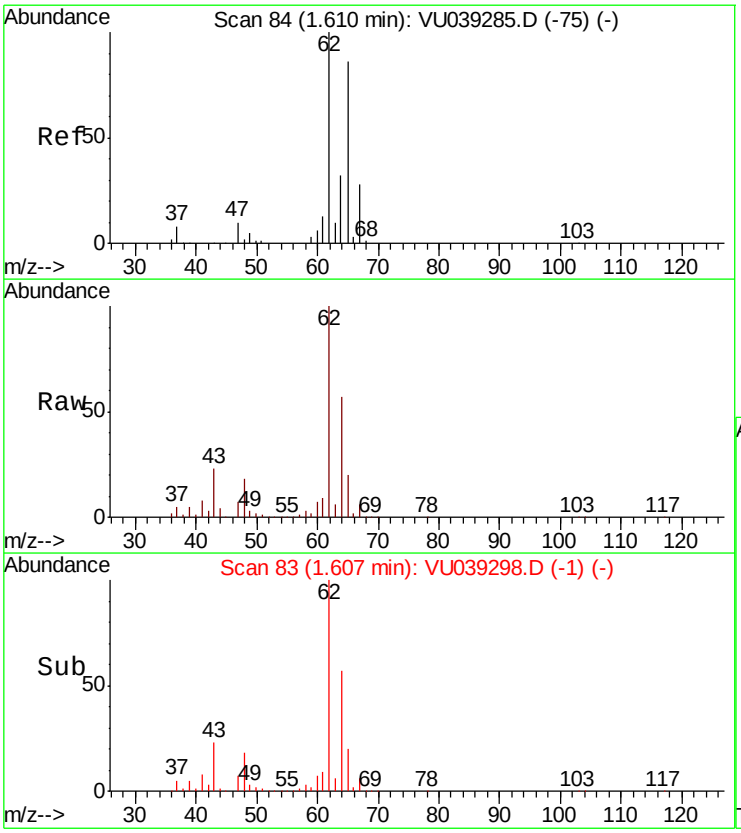
#3
Chloromethane
Concen: 0.685 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 50 Resp: 5565

Ion	Ratio	Lower	Upper
50	100		
52	4.8	24.7	45.9#

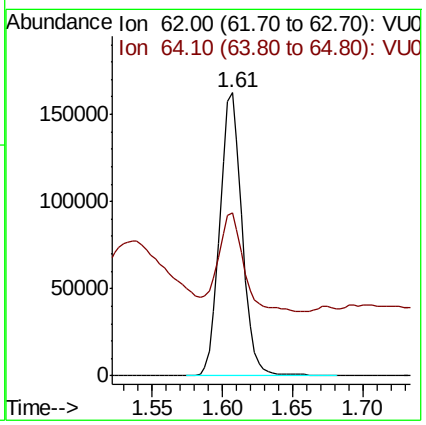


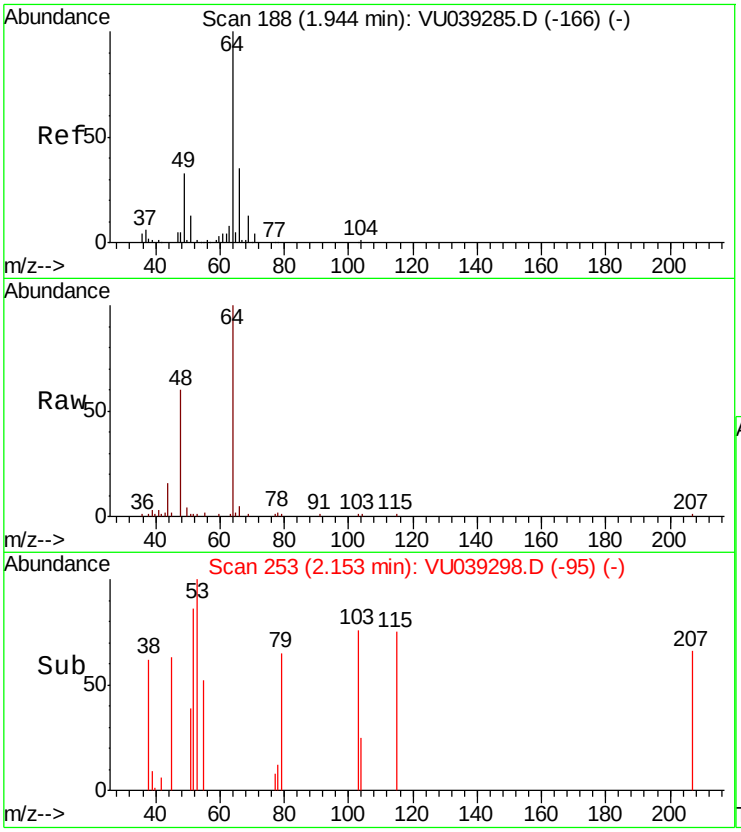


#5
Vinyl chloride
Concen: 21.374 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 62 Resp: 178573

Ion	Ratio	Lower	Upper
62	100		
64	57.5	25.6	47.4#



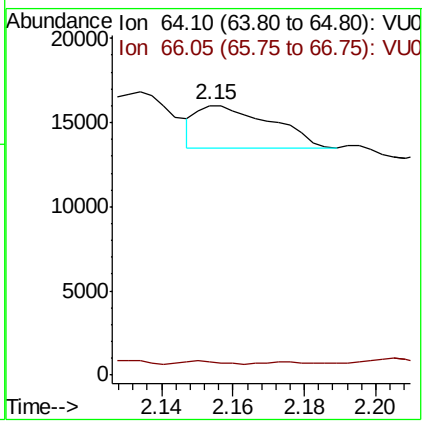


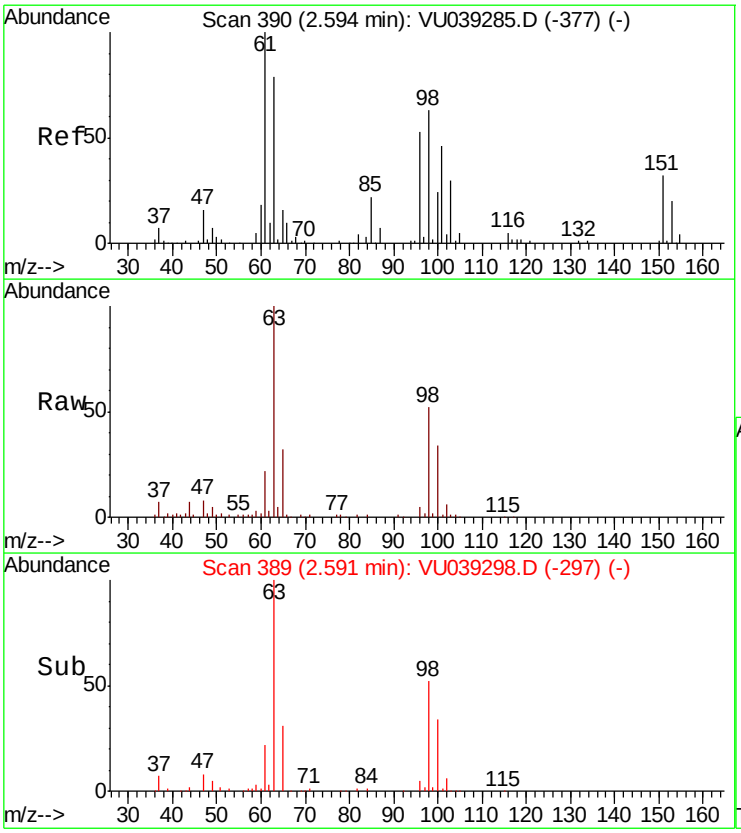
#8
Chloroethane
Concen: 0.624 ug/L
RT: 2.15 min Scan# 253
Delta R.T. 0.21 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
H4277

Tgt Ion: 64 Resp: 3569

Ion	Ratio	Lower	Upper
64	100		
66	5.0	20.7	38.5#

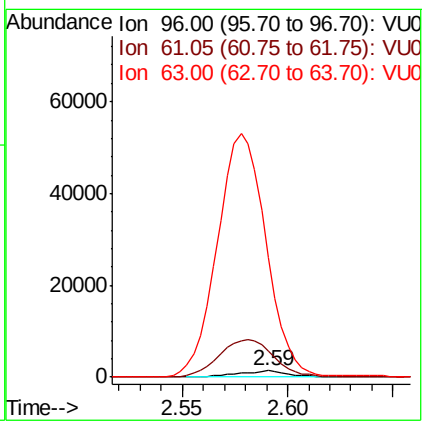


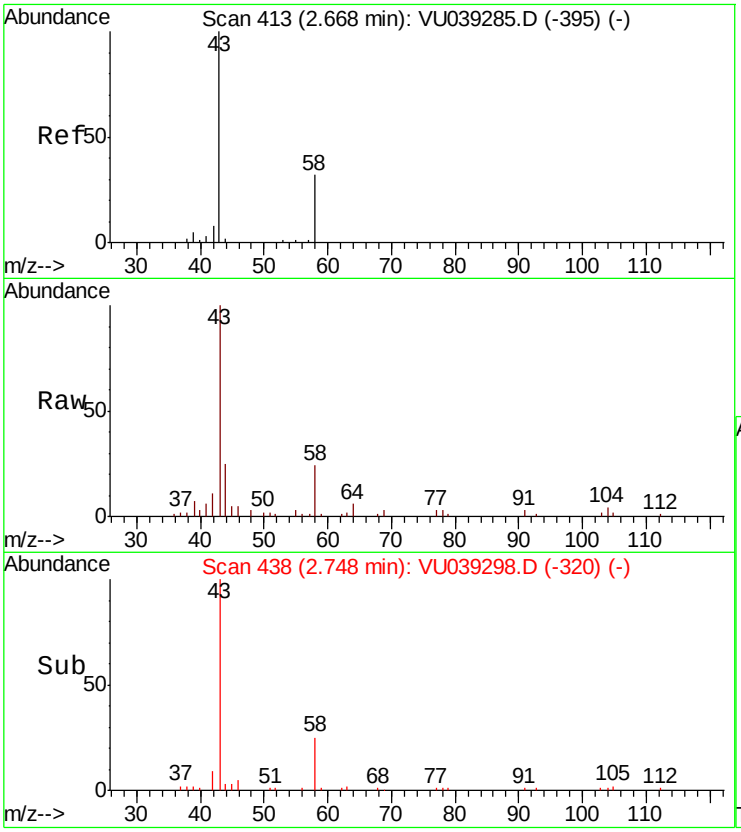


#12
1,1-Dichloroethene
Concen: 0.367 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 96 Resp: 2329

Ion	Ratio	Lower	Upper
96	100		
61	405.5	123.8	230.0#
63	1849.0	112.1	208.3#



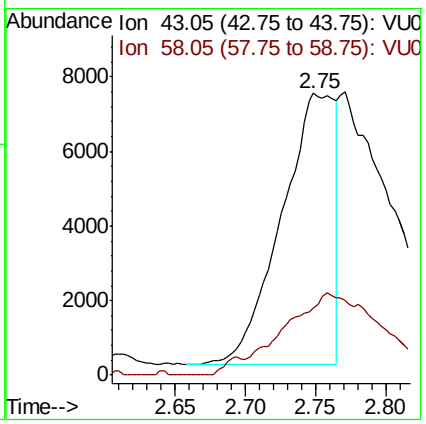


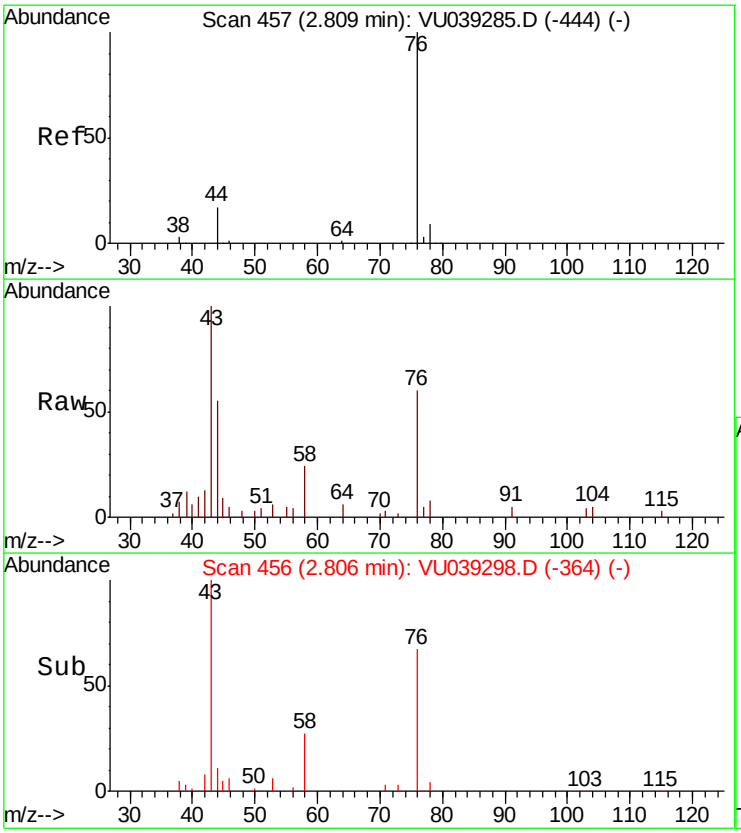
#13
Acetone
Concen: 12.554 ug/L
RT: 2.75 min Scan# 438
Delta R.T. 0.08 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 43 Resp: 19307

Ion	Ratio	Lower	Upper
43	100		
58	53.1	0.0	63.6

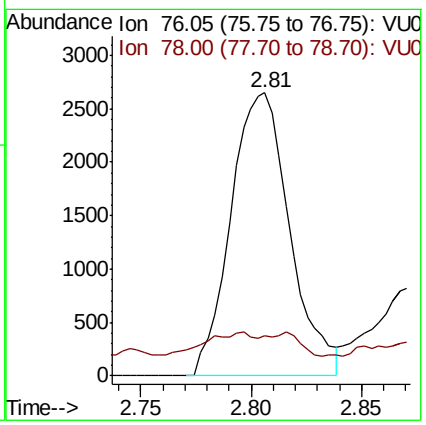


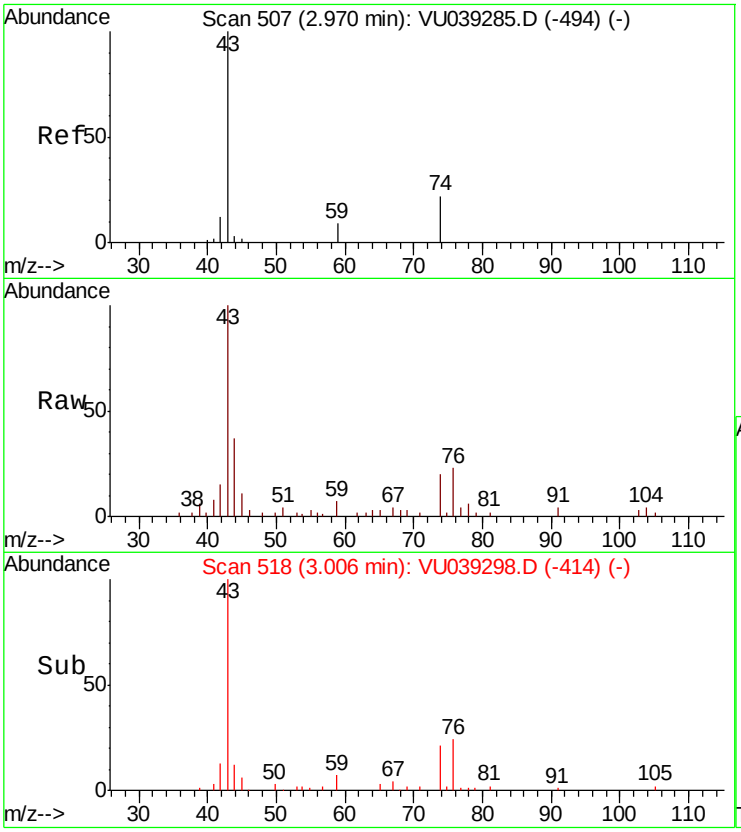


#14
Carbon disulfide
Concen: 0.243 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 76 Resp: 4917

Ion	Ratio	Lower	Upper
76	100		
78	14.0	7.4	11.0#



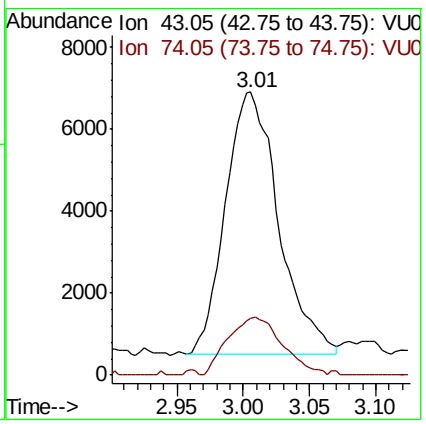


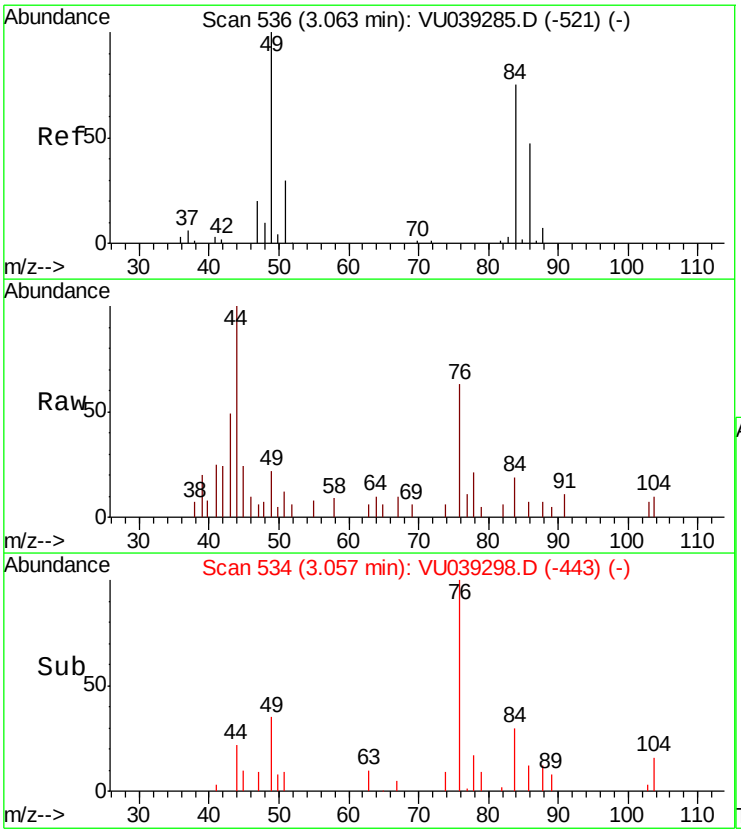
#15
Methyl Acetate
Concen: 4.658 ug/L
RT: 3.01 min Scan# 518
Delta R.T. 0.04 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 43 Resp: 17924

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.5	26.3

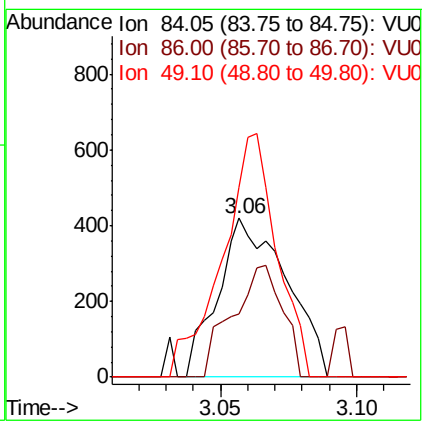


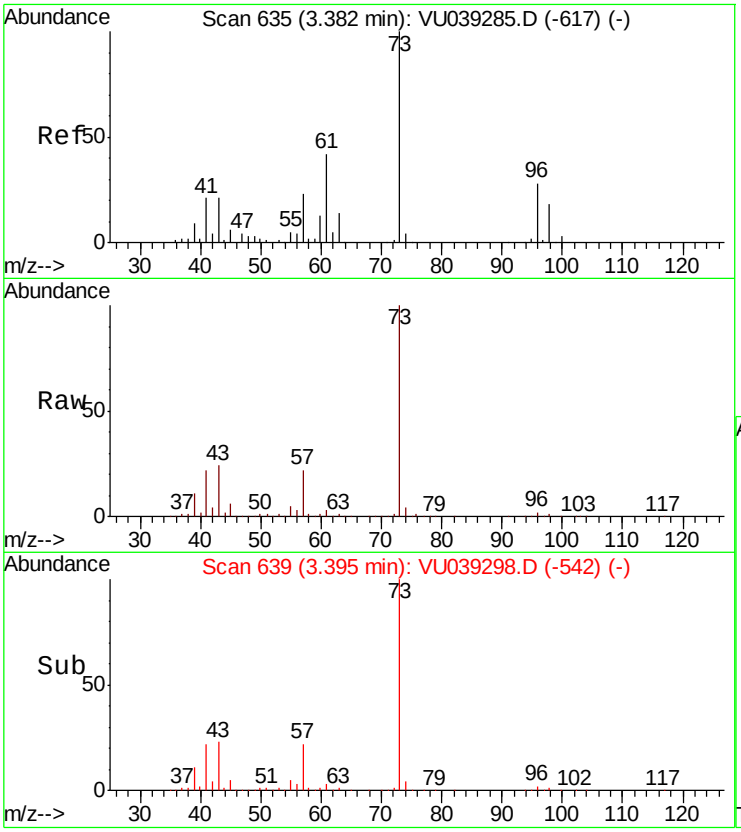


#16
Methylene chloride
Concen: 0.091 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.01 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 84 Resp: 736

Ion	Ratio	Lower	Upper
84	100		
86	40.0	42.6	79.0#
49	146.0	93.0	172.8



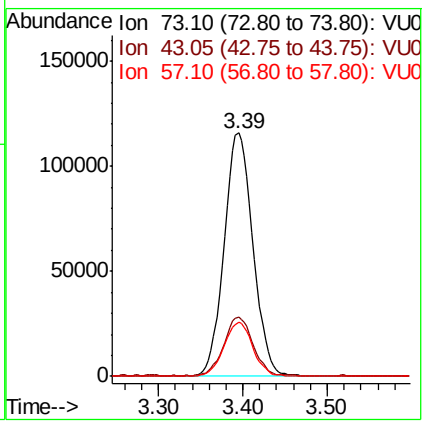


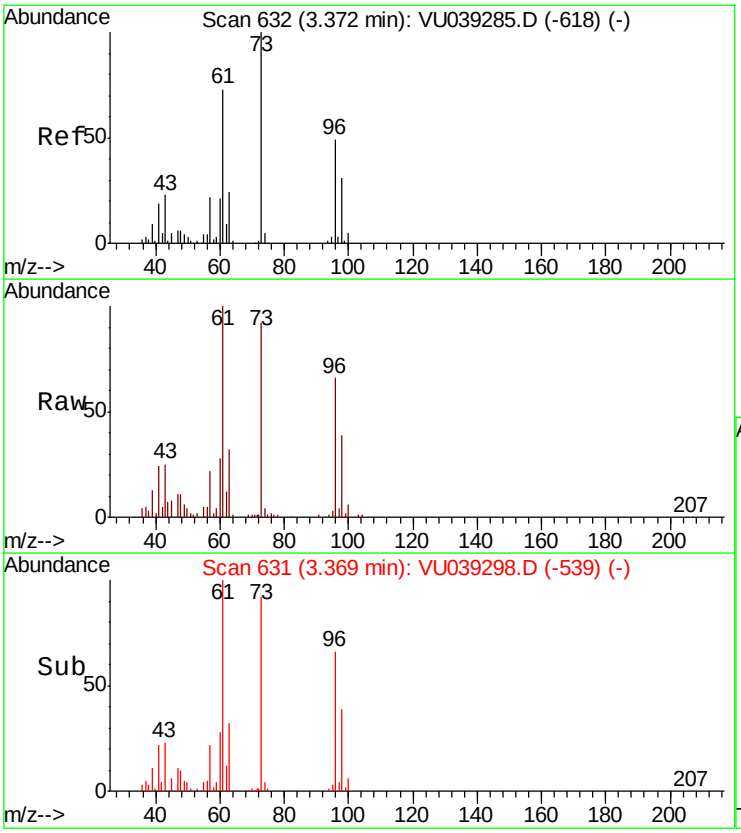
#17
Methyl tert-butyl Ether
Concen: 13.166 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 73 Resp: 275124

Ion	Ratio	Lower	Upper
73	100		
43	24.2	17.5	26.3
57	22.6	18.6	27.8

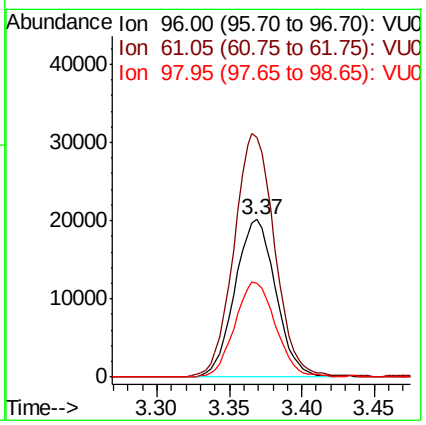


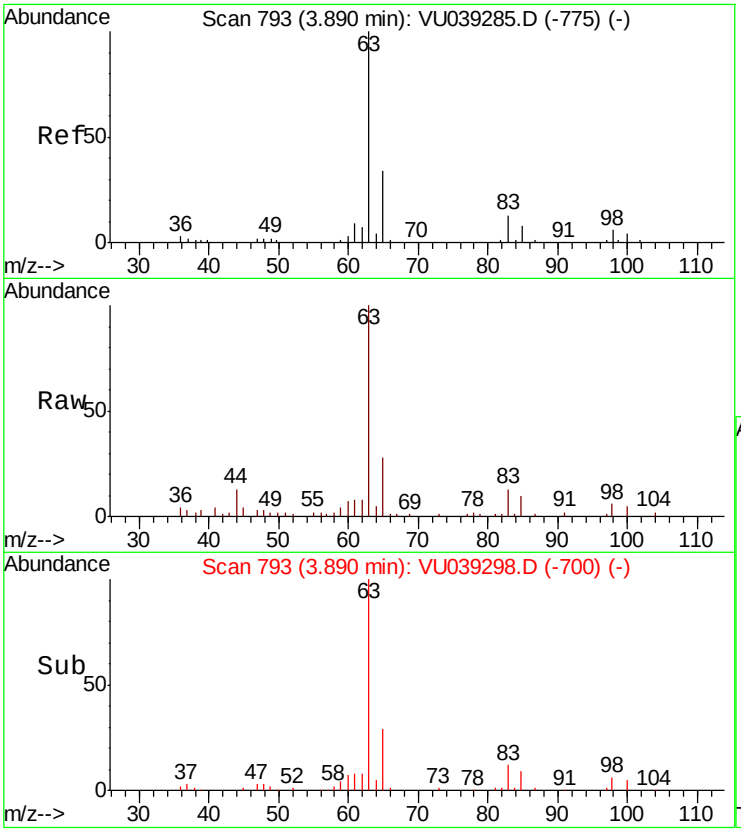


#18
trans-1,2-Dichloroethene
Concen: 5.721 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 96 Resp: 39513

Ion	Ratio	Lower	Upper
96	100		
61	152.0	104.7	194.5
98	60.0	43.1	80.1



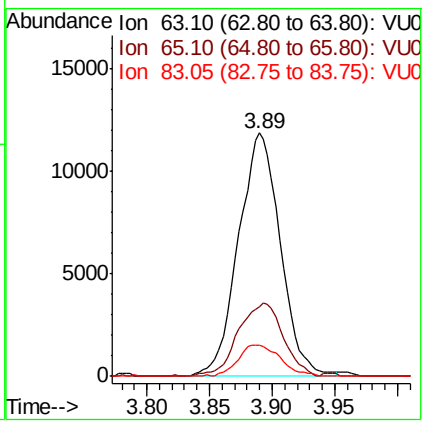


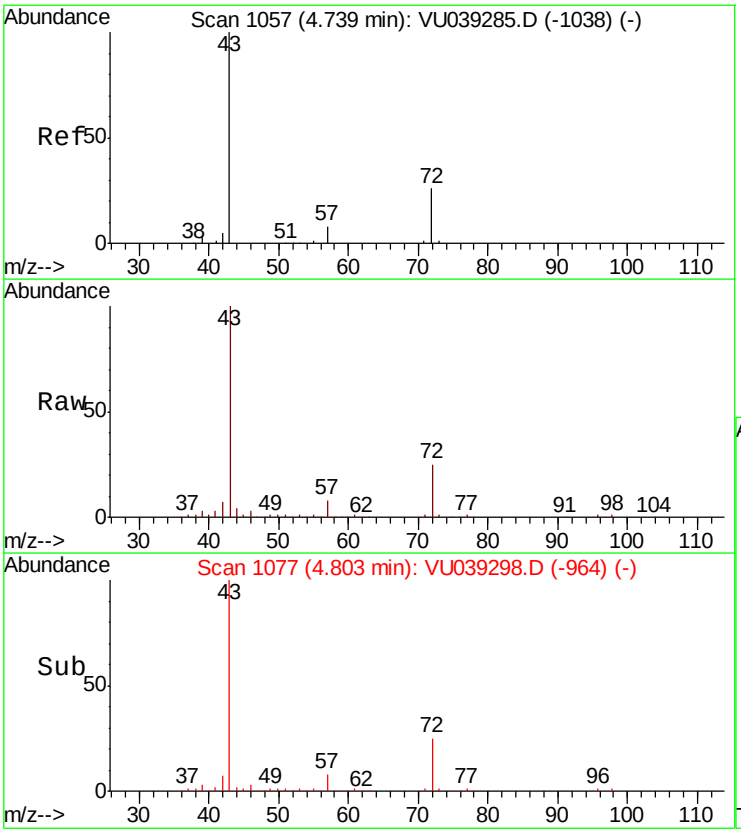
#19
1,1-Dichloroethane
Concen: 1.994 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 63 Resp: 27586

Ion	Ratio	Lower	Upper
63	100		
65	28.5	22.7	42.3
83	12.7	9.1	16.9

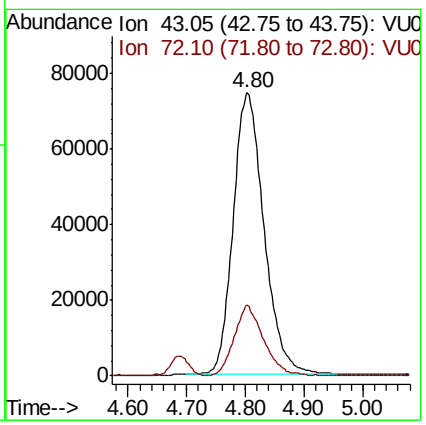


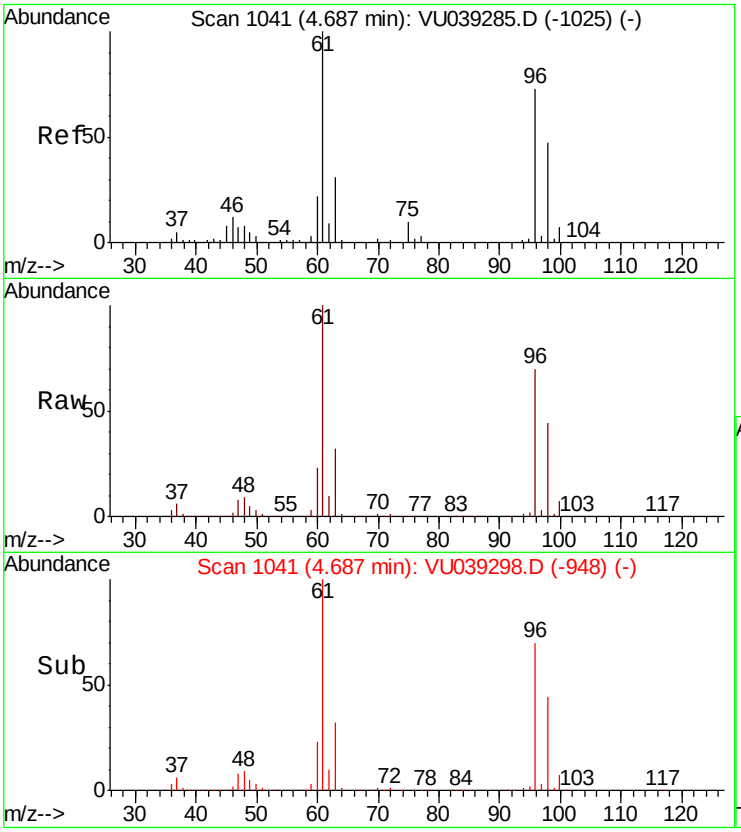


#21
2-Butanone
Concen: 97.677 ug/L
RT: 4.80 min Scan# 1077
Delta R.T. 0.06 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 43 Resp: 273414

Ion	Ratio	Lower	Upper
43	100		
72	24.0	12.8	38.3



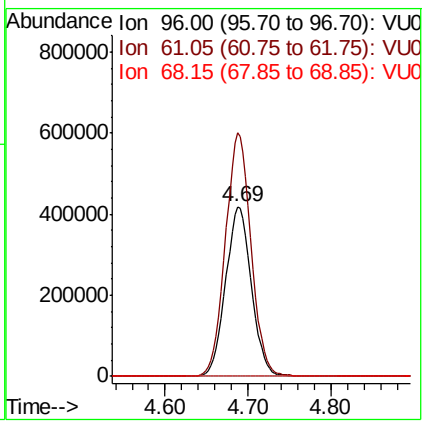


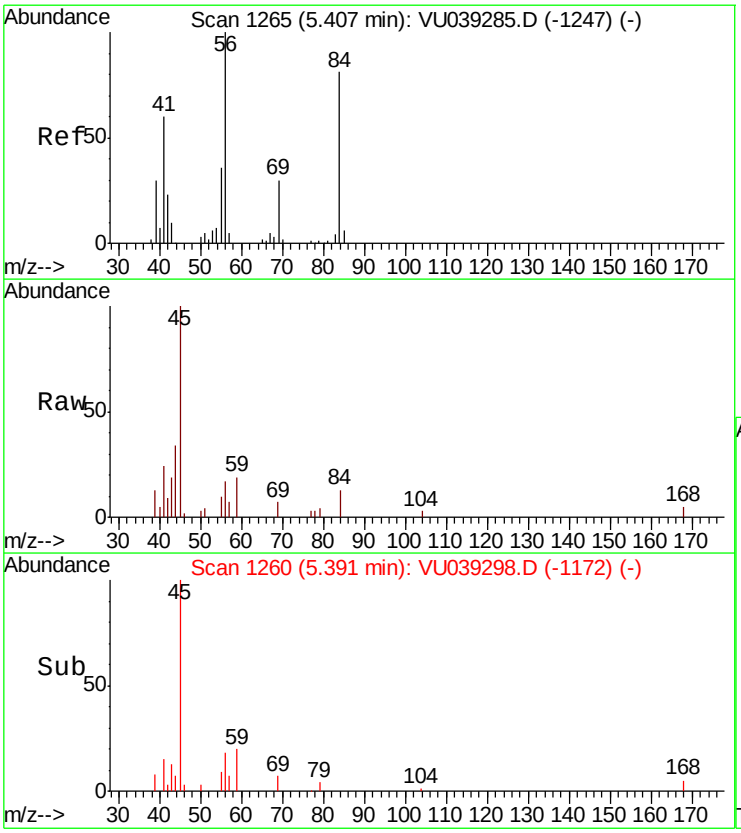
#22
cis-1,2-Dichloroethene
Concen: 114.845 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 96 Resp: 903770

Ion	Ratio	Lower	Upper
96	100		
61	143.7	93.7	173.9
68	0.0	0.0	0.0

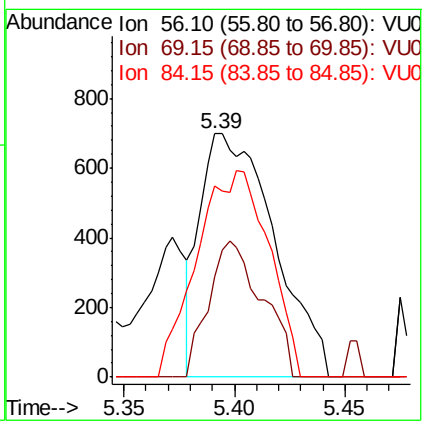


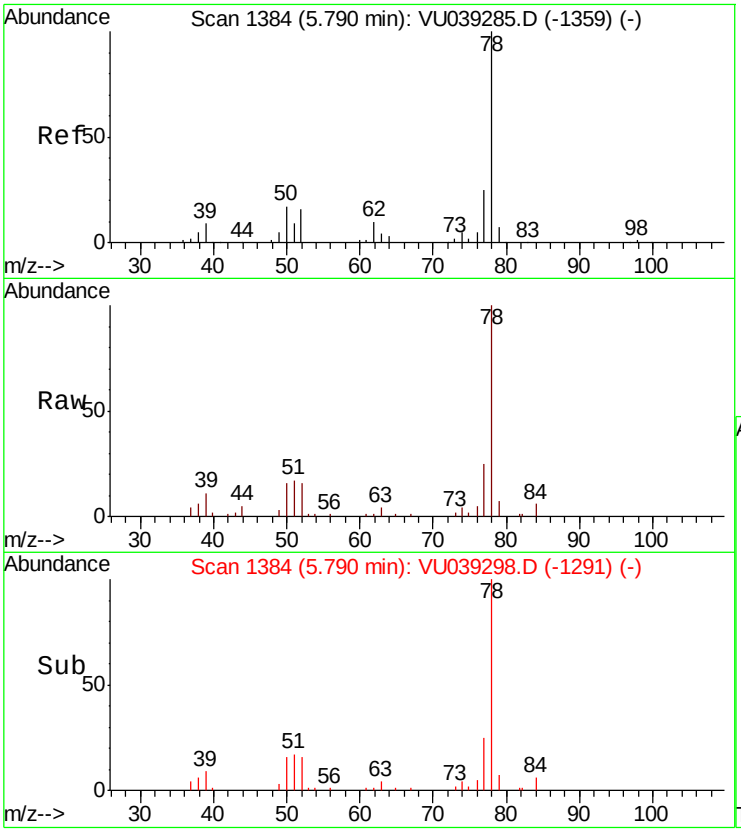


#30
Cyclohexane
Concen: 0.134 ug/L
RT: 5.39 min Scan# 1260
Delta R.T. -0.02 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 56 Resp: 1628

Ion	Ratio	Lower	Upper
56	100		
69	40.5	24.2	36.4#
84	82.7	67.0	100.4

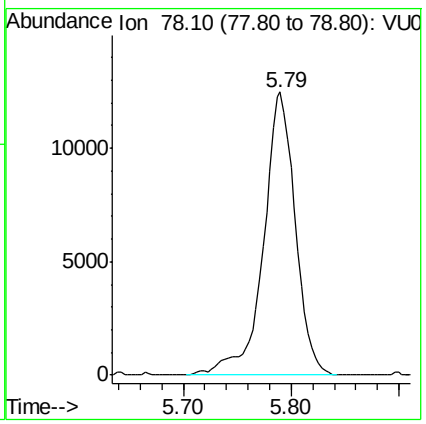


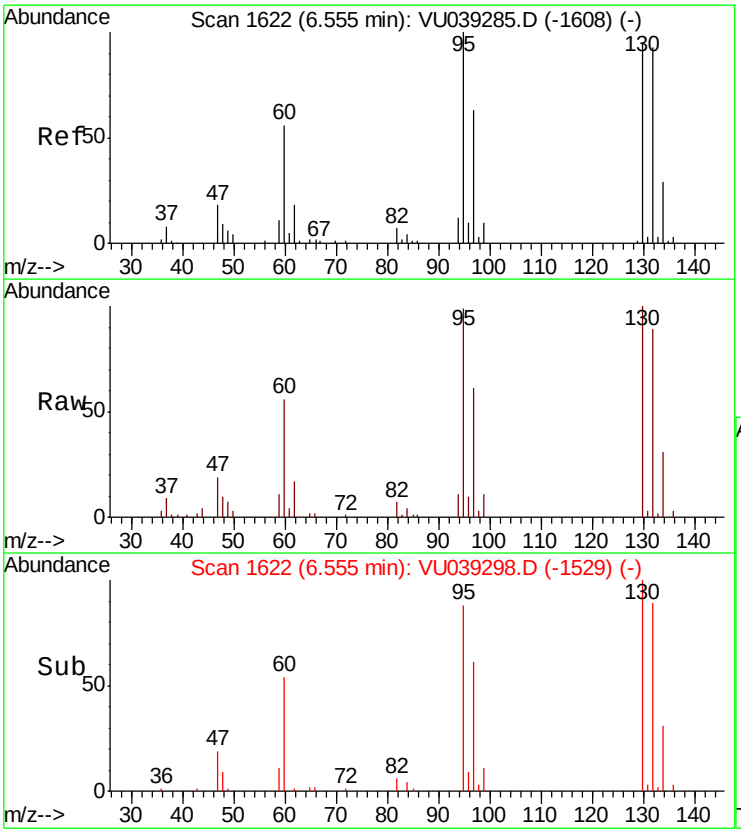


#33
Benzene
Concen: 0.854 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
H4277

Tgt Ion: 78 Resp: 25485

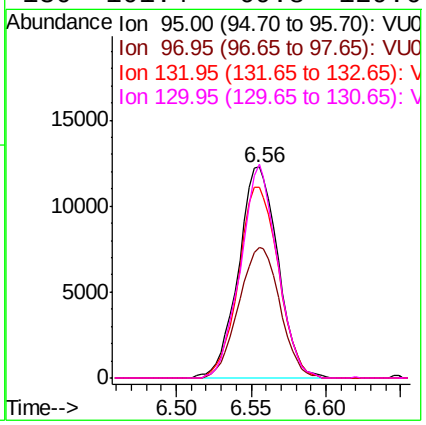


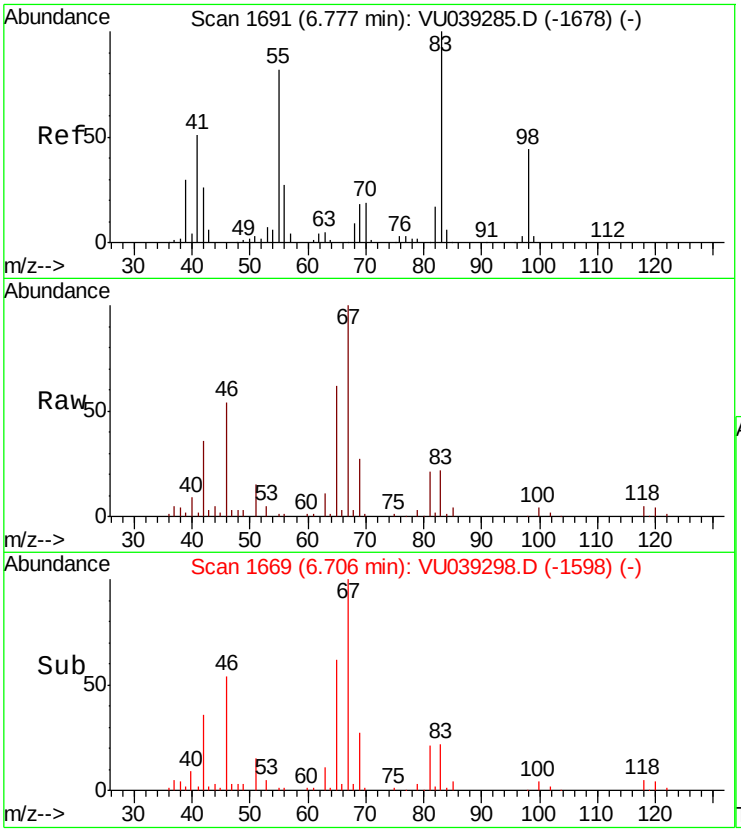


#34
Trichloroethene
Concen: 2.932 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 95 Resp: 22558

Ion	Ratio	Lower	Upper
95	100		
97	62.1	47.0	87.2
132	90.3	65.0	120.8
130	101.4	69.8	129.6



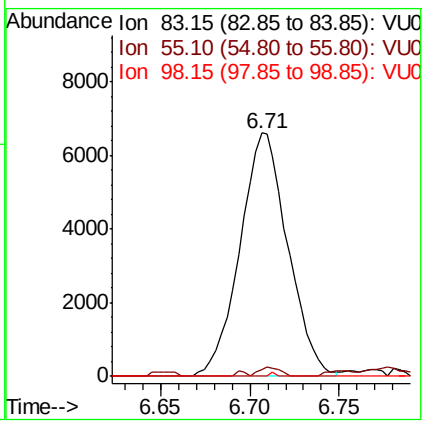


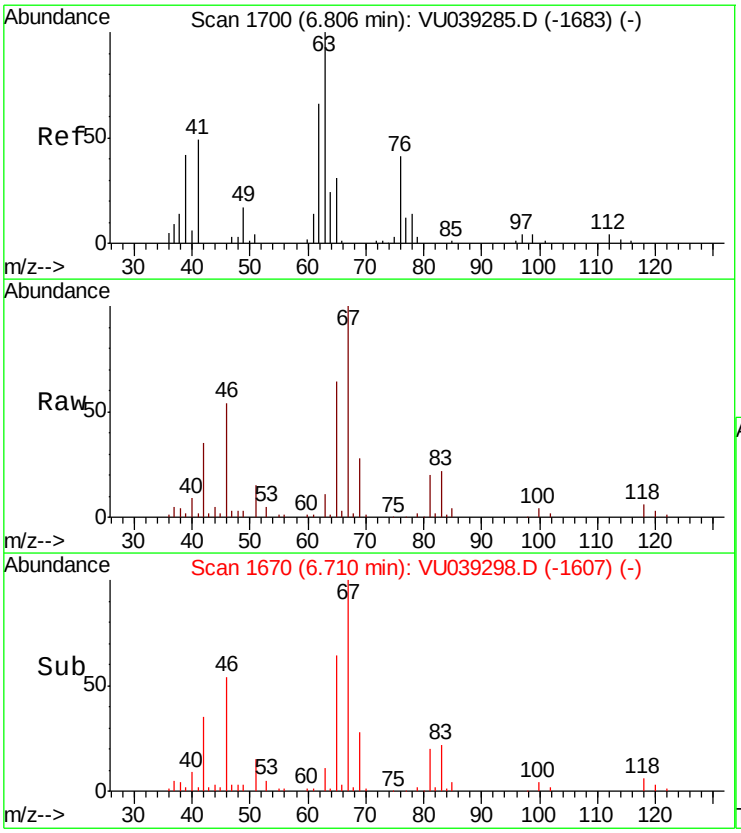
#35
Methylcyclohexane
Concen: 1.005 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 83 Resp: 12384

Ion	Ratio	Lower	Upper
83	100		
55	1.6	63.3	94.9#
98	0.0	37.4	56.2#

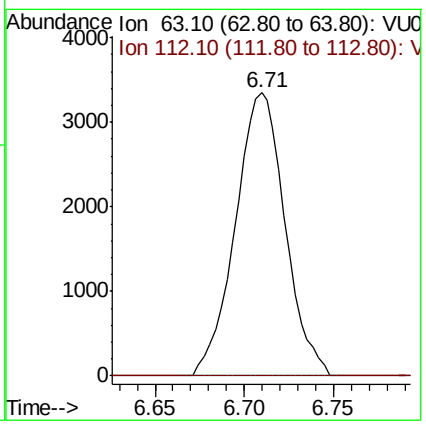


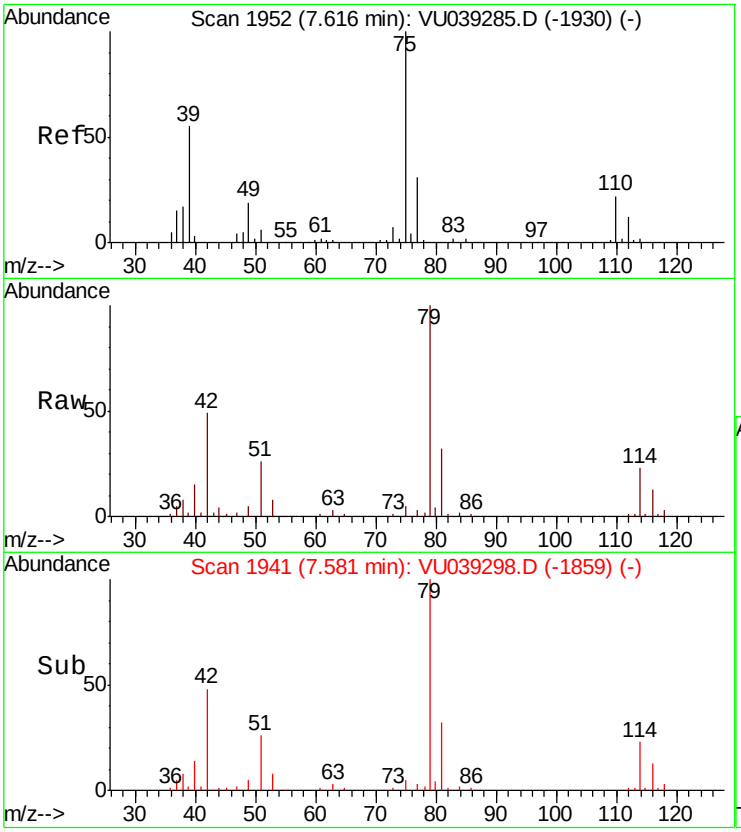


#37
1,2-Dichloropropane
Concen: 0.782 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.10 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 63 Resp: 6511

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



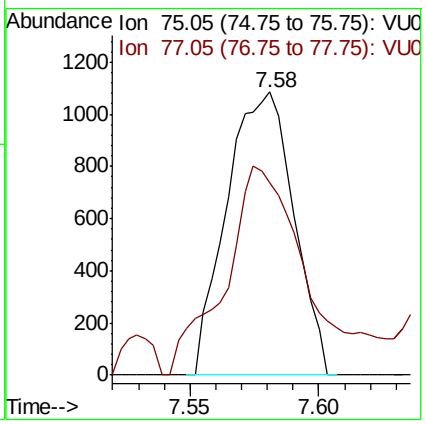


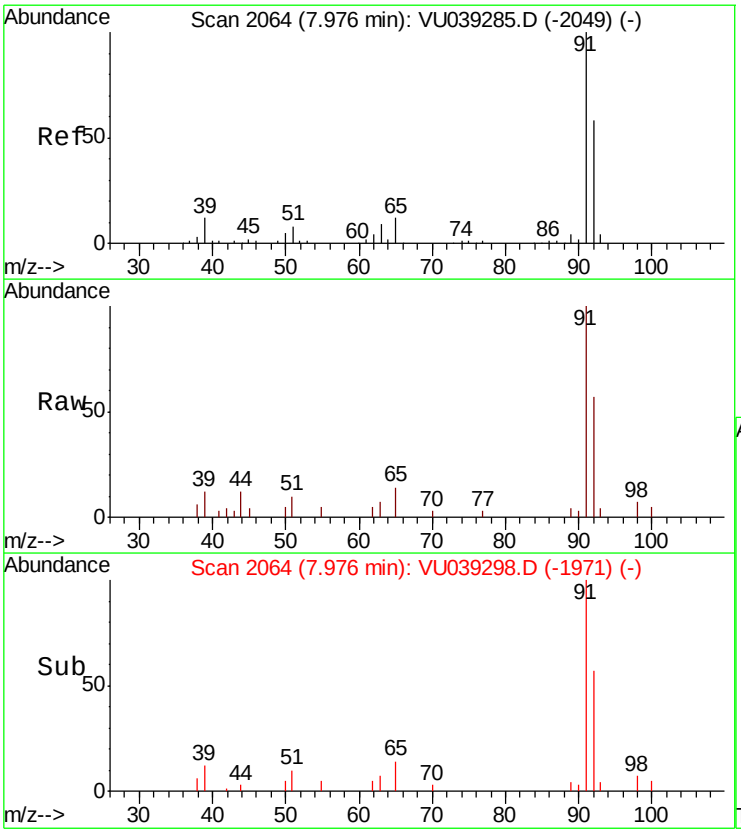
#39
cis-1,3-Dichloropropene
Concen: 0.151 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.04 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion: 75 Resp: 1956

Ion	Ratio	Lower	Upper
75	100		
77	68.2	23.3	43.3#

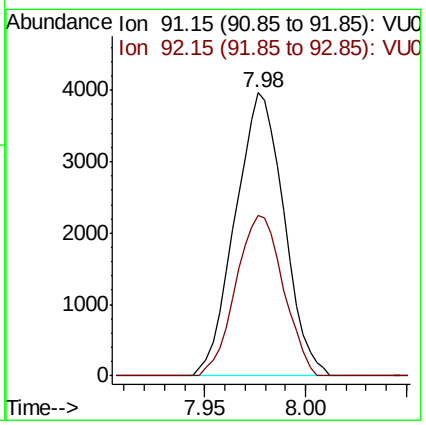


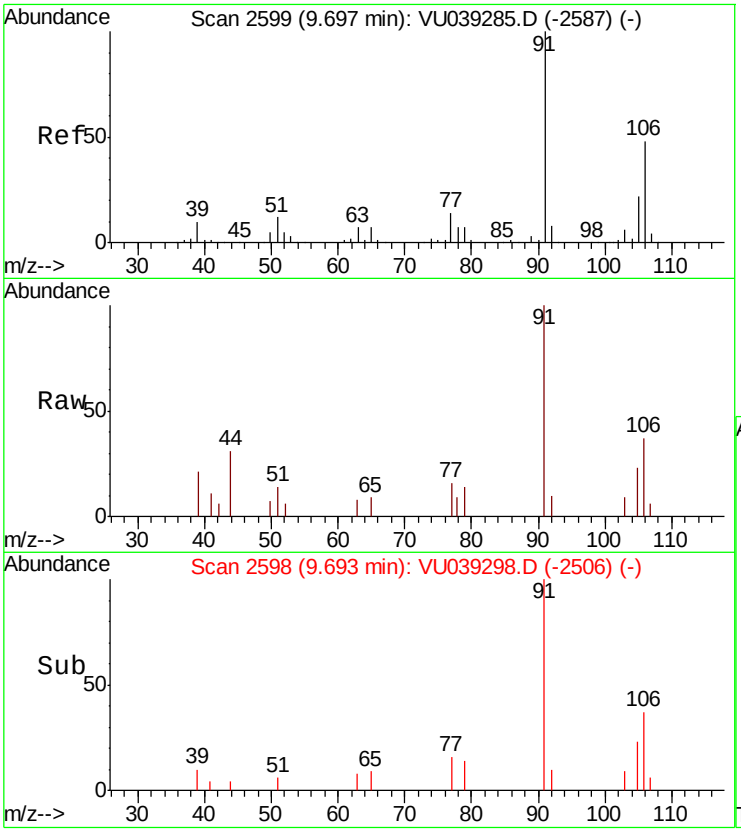


#42
Toluene
Concen: 0.206 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion: 91 Resp: 6702

Ion	Ratio	Lower	Upper
91	100		
92	56.7	39.3	72.9



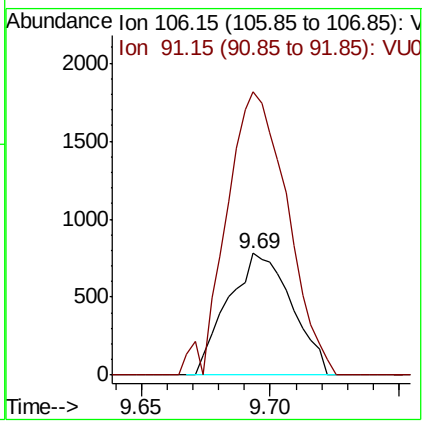


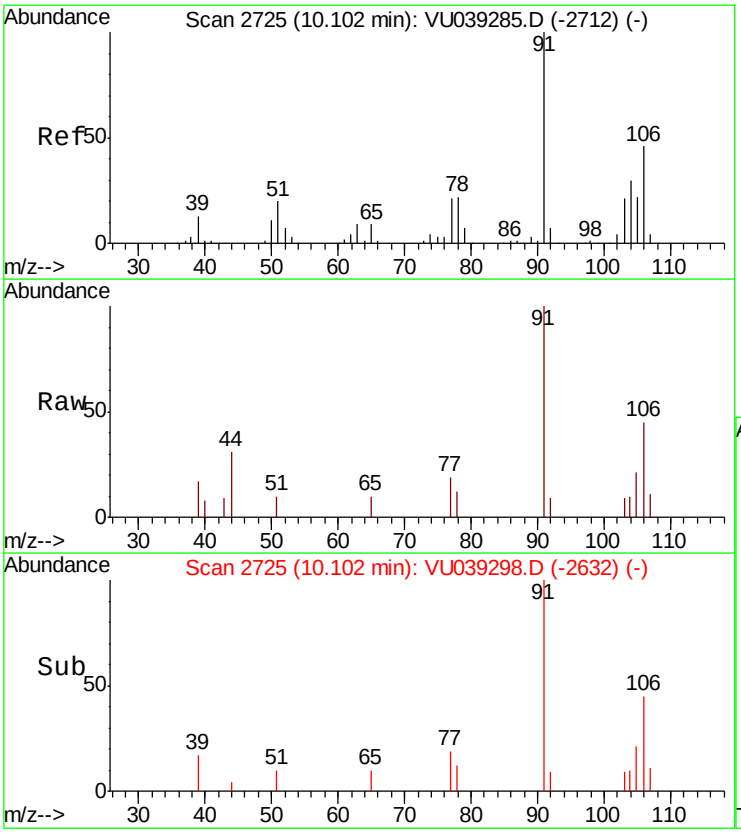
#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument : MSVOA_U
ClientSampleId : H4277

Tgt Ion:106 Resp: 1347

Ion	Ratio	Lower	Upper
106	100		
91	232.9	146.6	272.2

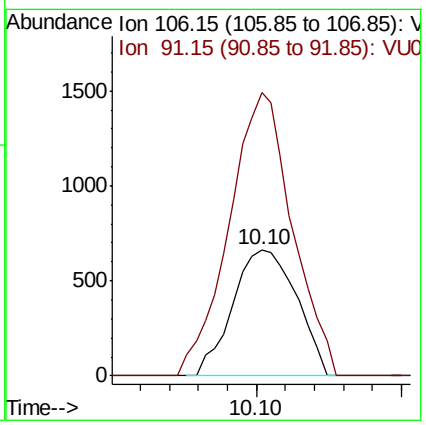


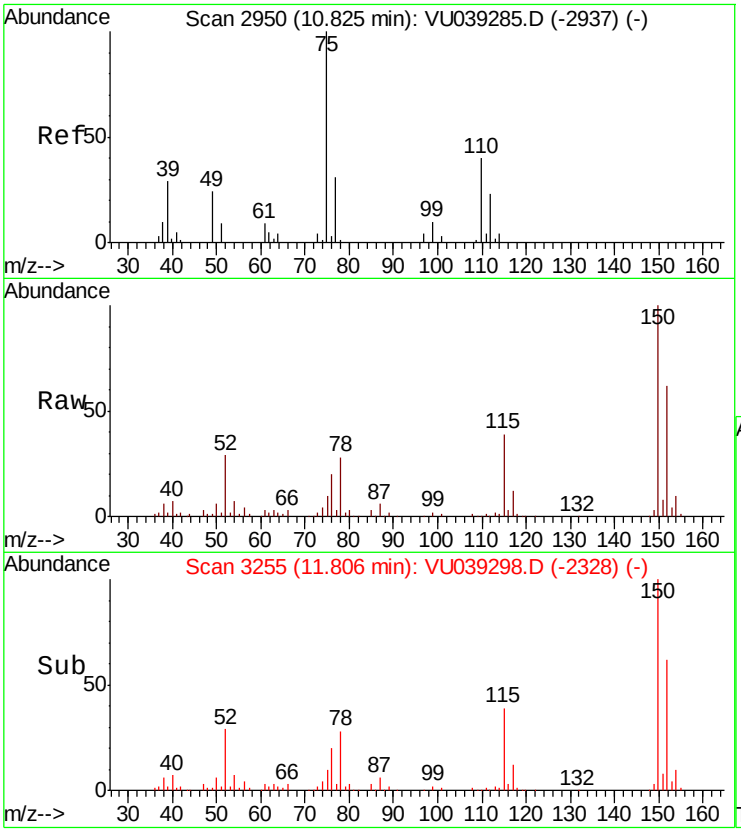


#54
o-Xylene
Concen: 0.075 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Tgt Ion:106 Resp: 1014

Ion	Ratio	Lower	Upper
106	100		
91	224.4	153.6	285.3





#59
1,2,3-Trichloropropane
Concen: 1.244 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039298.D
Acq: 06 Jul 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
H4277

Tgt Ion: 75 Resp: 7785

Ion	Ratio	Lower	Upper
75	100		
77	38.7	27.7	41.5