Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\

Quantitation Report (Not Reviewed)

Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

Quant Time: Jan 30 02:50:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	290081	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157734	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	95435	43.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.84%			
7) Chloroethane-d5	1.89	69	22708	12.18	ug/L	-0.05
Spiked Amount 50.000	Range 70 - 130		Recovery = 24.36%#			
11) 1,1-Dichloroethene-d2	2.56	63	116943	33.29	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.58%			
21) 2-Butanone-d5	4.69	46	114102	88.48	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.48%			
24) Chloroform-d	5.11	84	153838	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.48%			
26) 1,2-Dichloroethane-d4	5.74	65	101833	45.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.84%			
32) Benzene-d6	5.76	84	359989	44.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.30%			
36) 1,2-Dichloropropane-d6	6.73	67	111450	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.72%			
41) Toluene-d8	7.93	98	349190	44.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.02%			
43) trans-1,3-Dichloropropene-	8.21	79	52700	43.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.22%			
47) 2-Hexanone-d5	8.68	63	124088	105.30	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.30%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	173679	46.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.98%			
64) 1,2-Dichlorobenzene-d4	12.22	152	146783	43.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.74%			

Target Compounds						Qvalue
13) Acetone	2.67	43	2649	2.122	ug/L	97
15) Methyl Acetate	2.99	43	2199	1.127	ug/L	90
27) 1,2-Dichloroethane	5.81	62	9507	3.587	ug/L #	72
33) Benzene	5.81	78	1218610	140.601	ug/L	100
35) Methylcyclohexane	6.73	83	25540	6.864	ug/L #	22
37) 1,2-Dichloropropane	6.73	63	10982	4.985	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2864	0.807	ug/L #	68
42) Toluene	8.00	91	3135425	332.822	ug/L	99
45) 1,1,2-Trichloroethane	8.30	97	8048	3.642	ug/L #	17
52) Ethylbenzene	9.60	91	1680086	162.800	ug/L	100
53) m,p-Xylene	9.72	106	4256099	1057.385	ug/L	98
54) o-xylene	10.13	106	1907714	475.151	ug/L	100
55) Styrene	10.13	104	99752	15.310	ug/L #	1
56) Isopropylbenzene	10.51	105	60313	5.908	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4102	4.736	ug/L #	1
69) Naphthalene	13.99	128	10263	1.354	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\

Quantitation Report (Not Reviewed)

Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

Quant Time: Jan 30 02:50:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

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

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

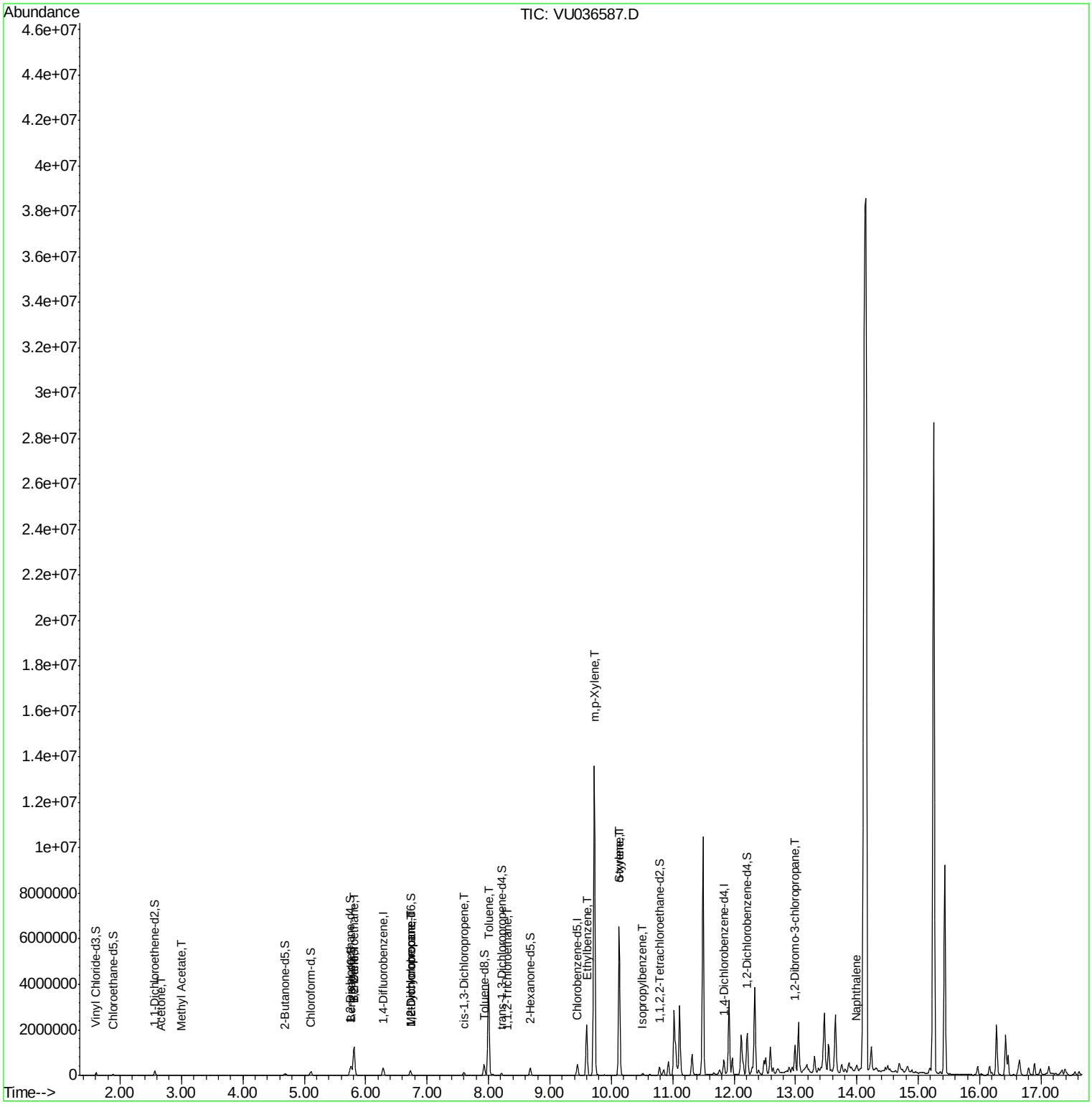
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\

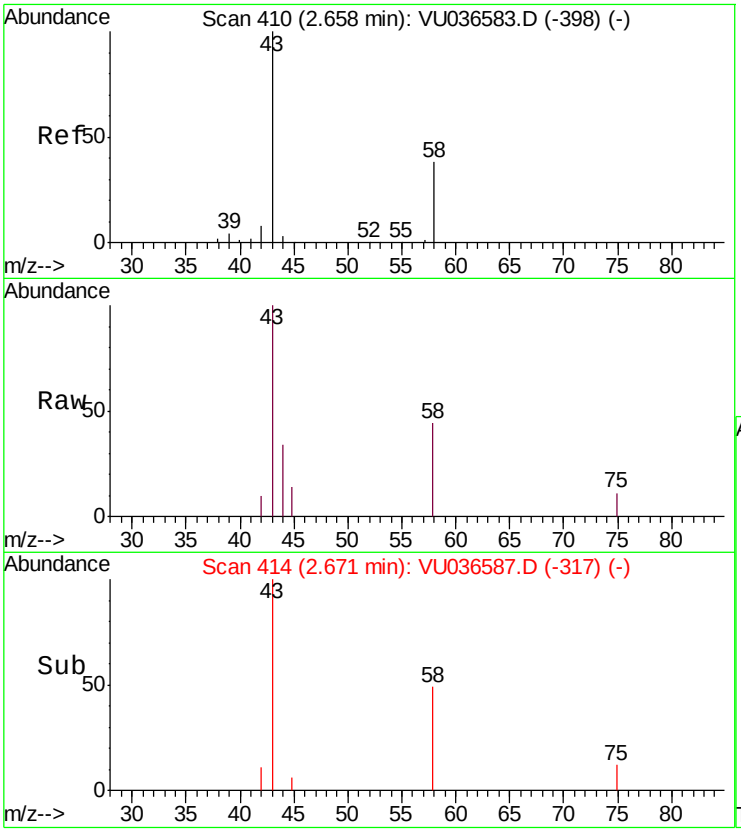
Quantitation Report (Not Reviewed)

Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ4

Quant Time: Jan 30 02:50:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration



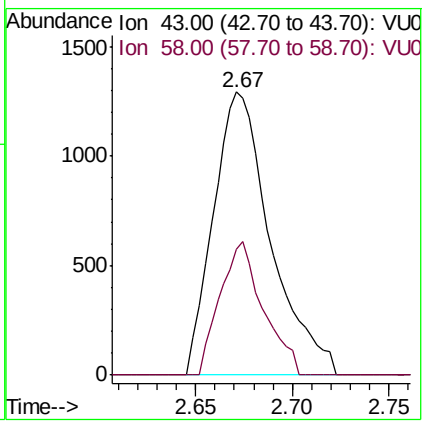


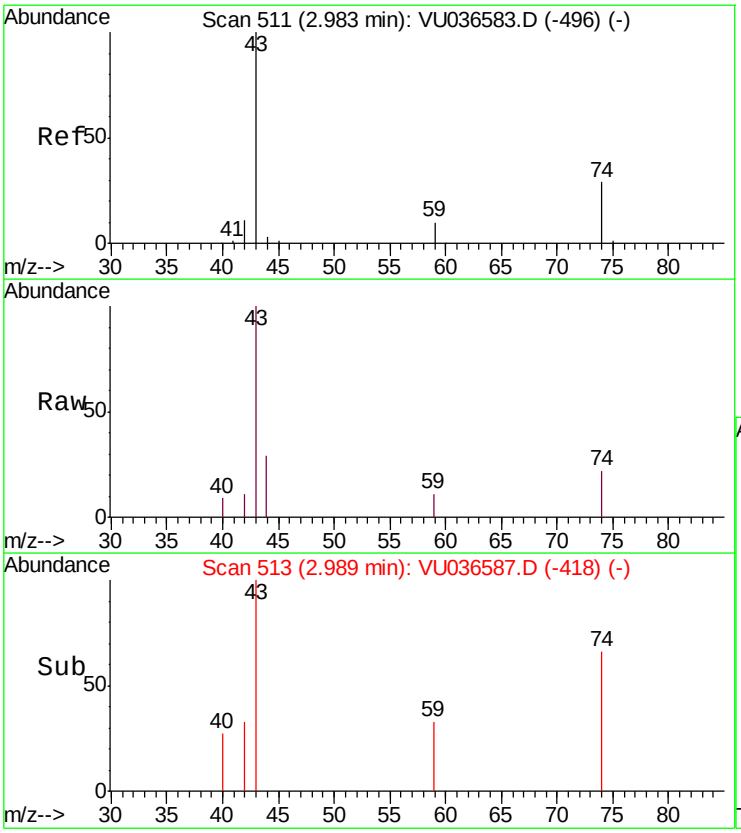
#13
Acetone
Concen: 2.122 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.01 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument :
MSVOA_U
ClientSampleId :
GASZ4

Tgt Ion: 43 Resp: 2649

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	75.4

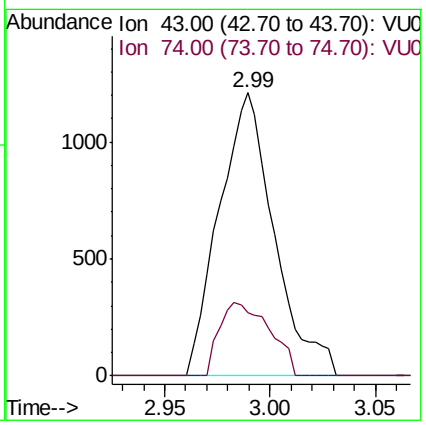


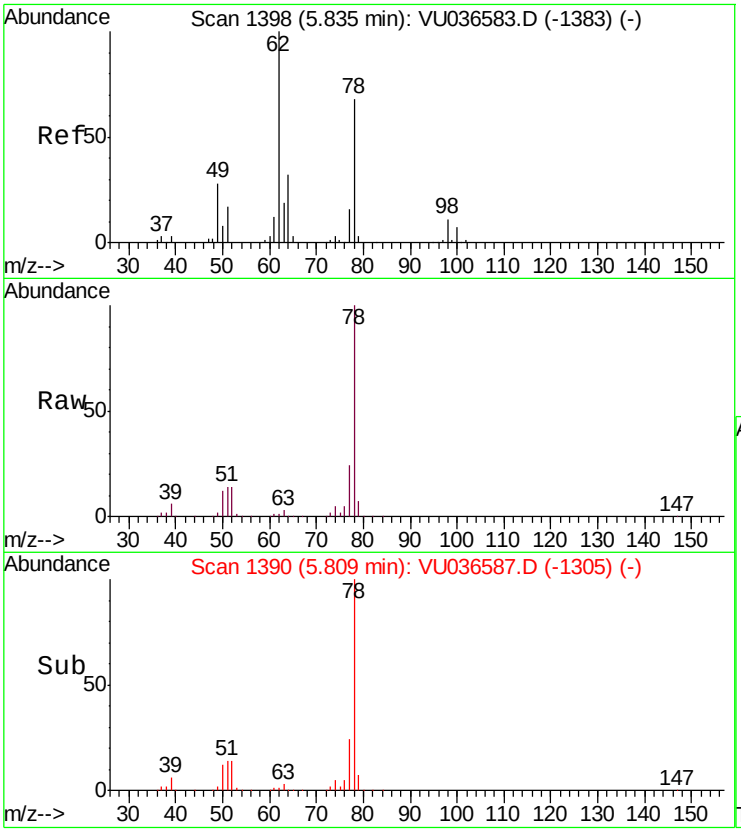


#15
Methyl Acetate
Concen: 1.127 ug/L
RT: 2.99 min Scan# 513
Delta R.T. 0.01 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion: 43 Resp: 2199

Ion	Ratio	Lower	Upper
43	100		
74	23.6	23.3	34.9



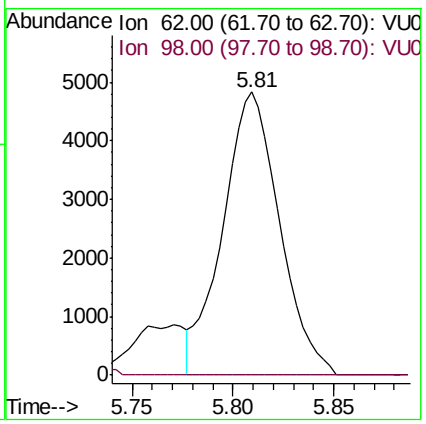


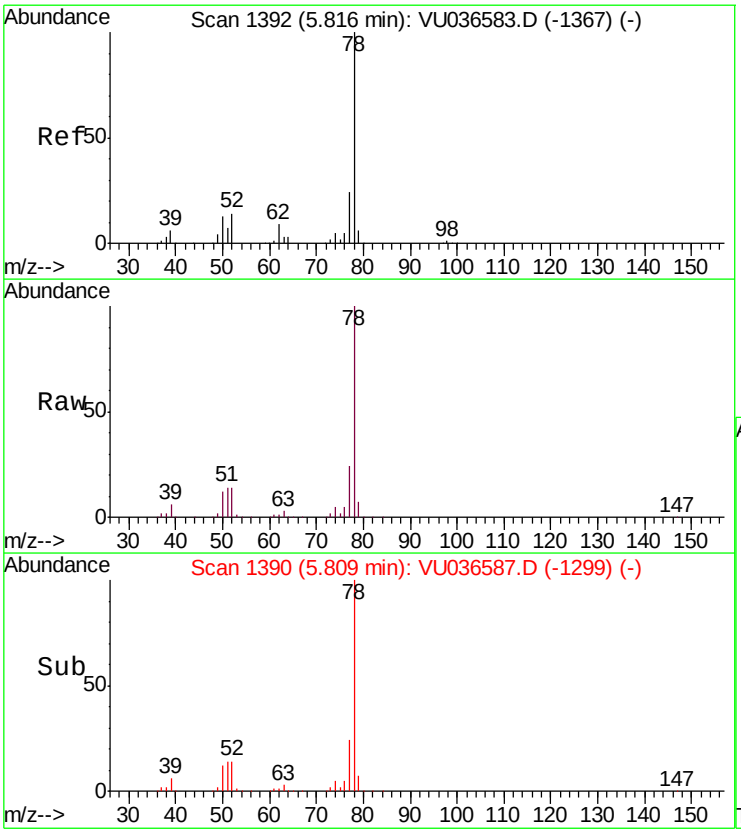
#27
1,2-Dichloroethane
Concen: 3.587 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.03 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument :
MSVOA_U
ClientSampleId :
GASZ4

Tgt Ion: 62 Resp: 9507

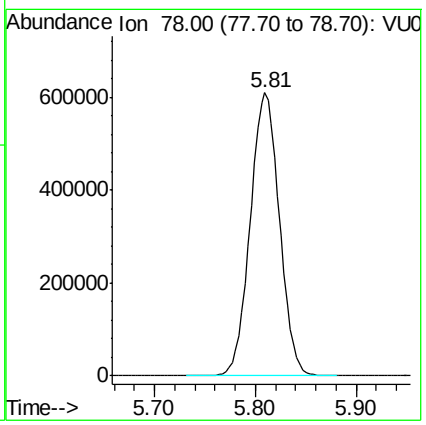
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#

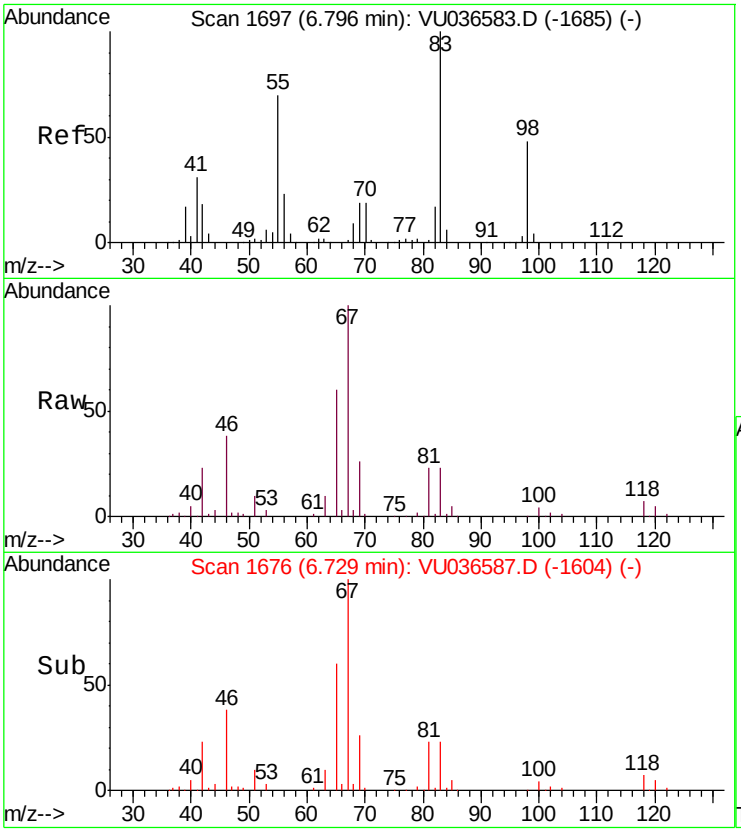




#33
Benzene
Concen: 140.601 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion: 78 Resp: 1218610



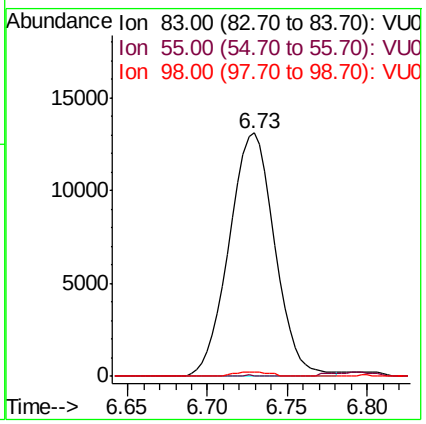


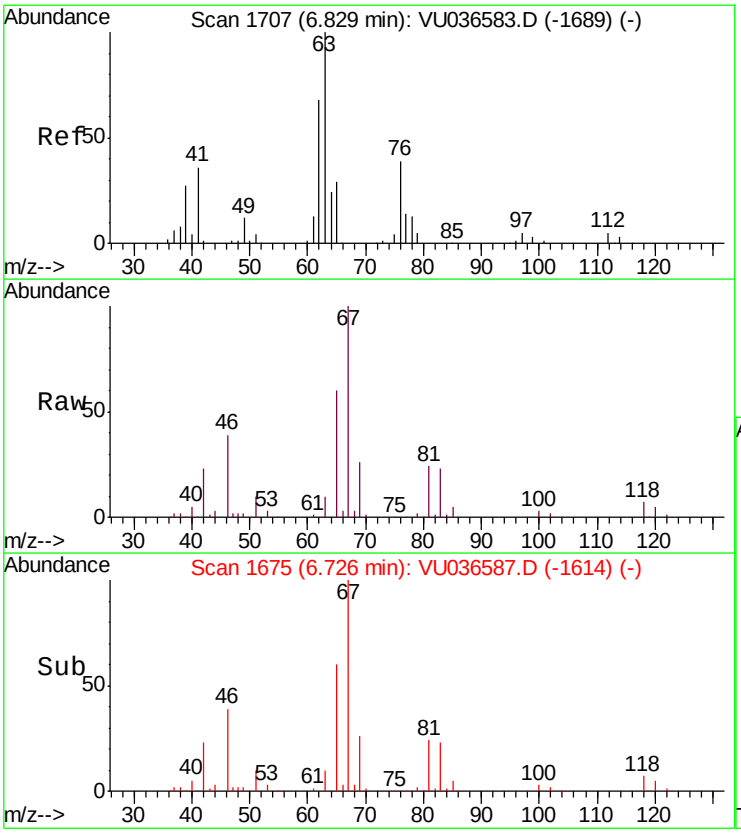
#35
Methylcyclohexane
Concen: 6.864 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument : MSVOA_U
ClientSampleId : GASZ4

Tgt Ion: 83 Resp: 25540

Ion	Ratio	Lower	Upper
83	100		
55	0.5	56.1	84.1#
98	1.3	37.5	56.3#

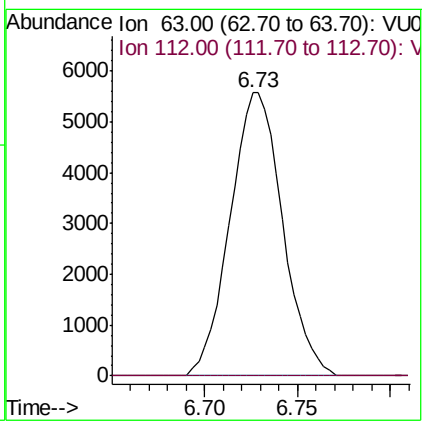


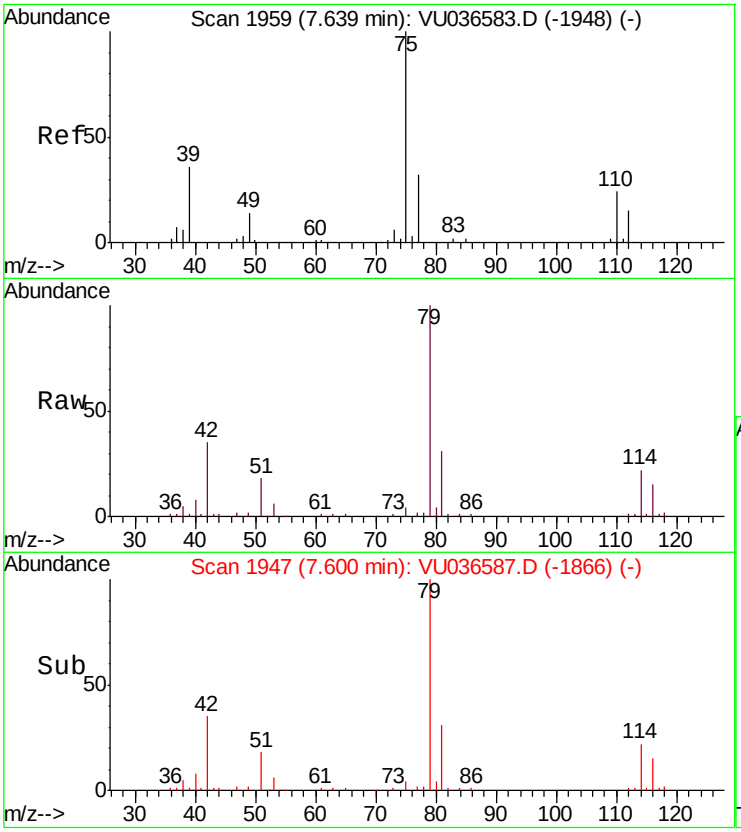


#37
1,2-Dichloropropane
Concen: 4.985 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion: 63 Resp: 10982

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



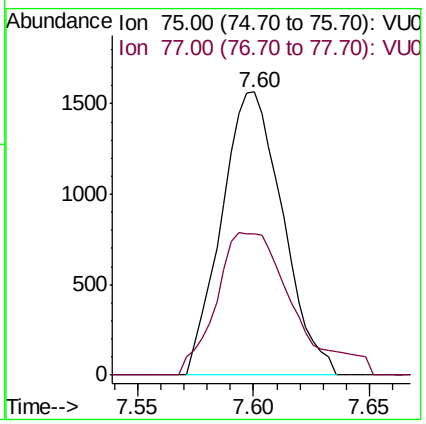


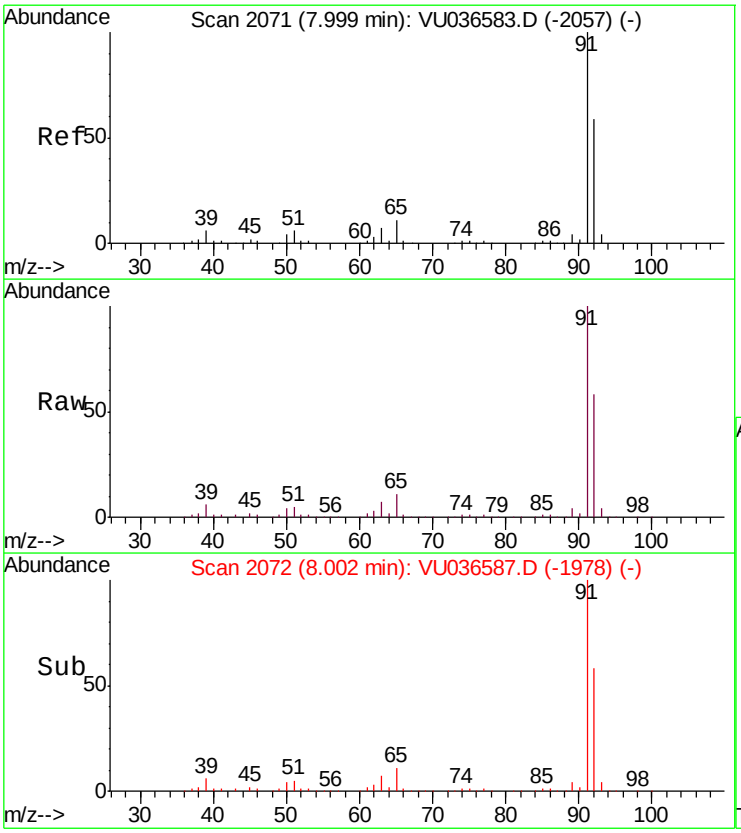
#39
cis-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument : MSVOA_U
ClientSampleId : GASZ4

Tgt Ion: 75 Resp: 2864

Ion	Ratio	Lower	Upper
75	100		
77	50.1	22.5	41.9#

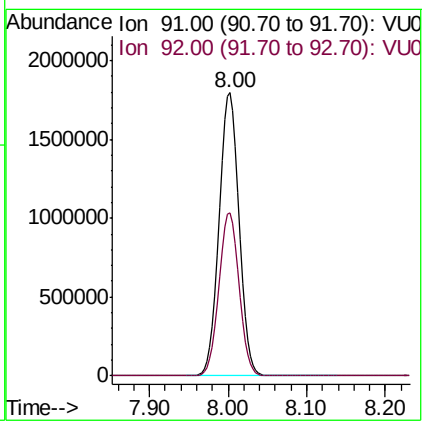


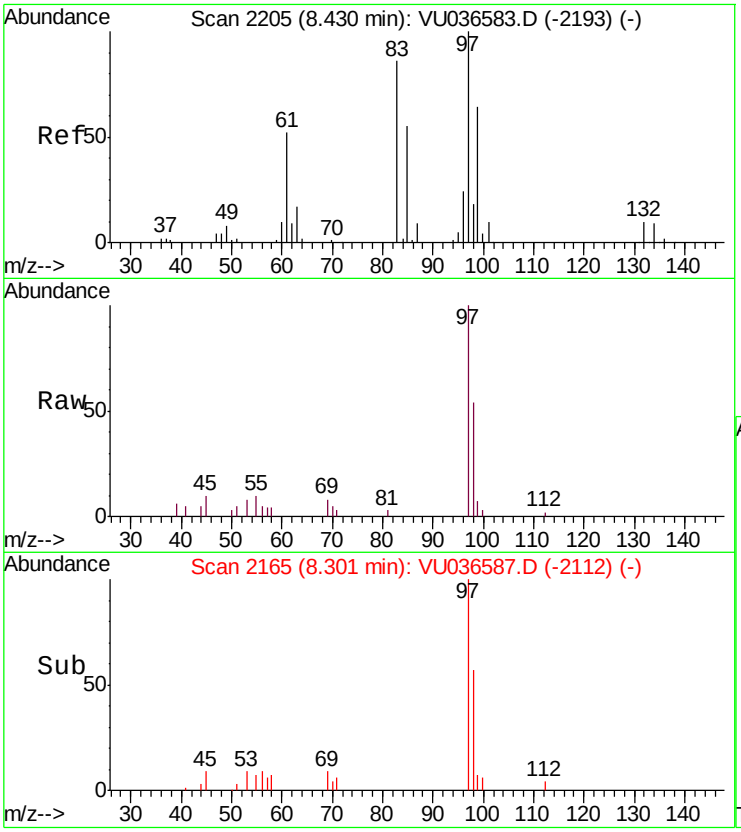


#42
Toluene
Concen: 332.822 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion: 91 Resp: 3135425

Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.9	74.1



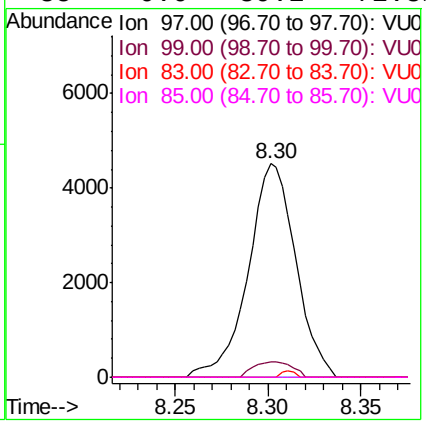


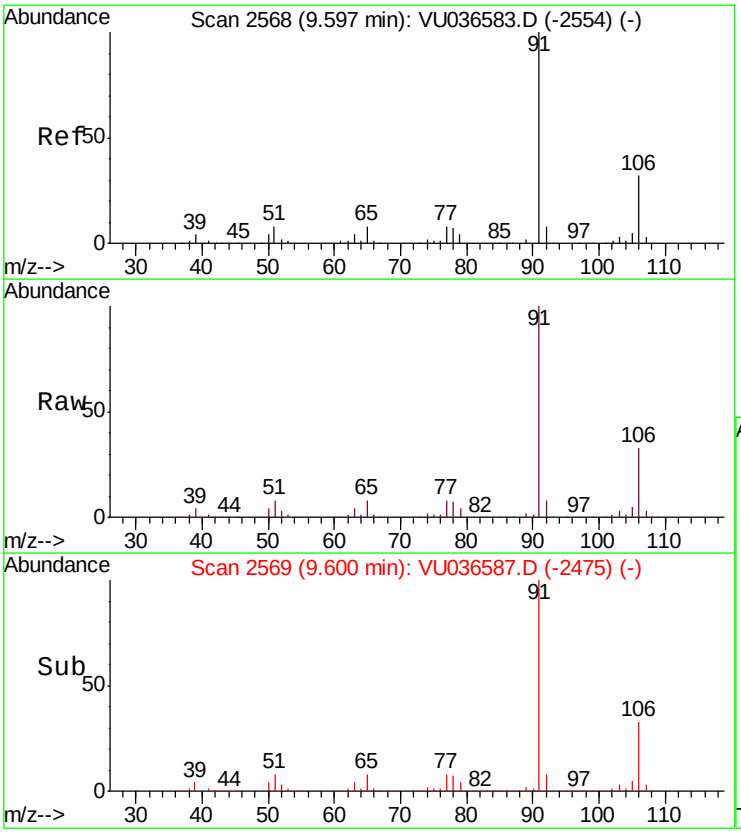
#45
1,1,2-Trichloroethane
Concen: 3.642 ug/L
RT: 8.30 min Scan# 2165
Delta R.T. -0.13 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument : MSVOA_U
ClientSampleId : GASZ4

Tgt Ion: 97 Resp: 8048

Ion	Ratio	Lower	Upper
97	100		
99	7.2	44.1	81.9#
83	0.0	61.2	113.6#
85	0.0	39.2	72.8#

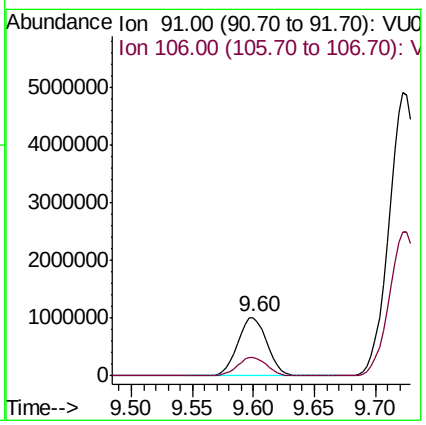


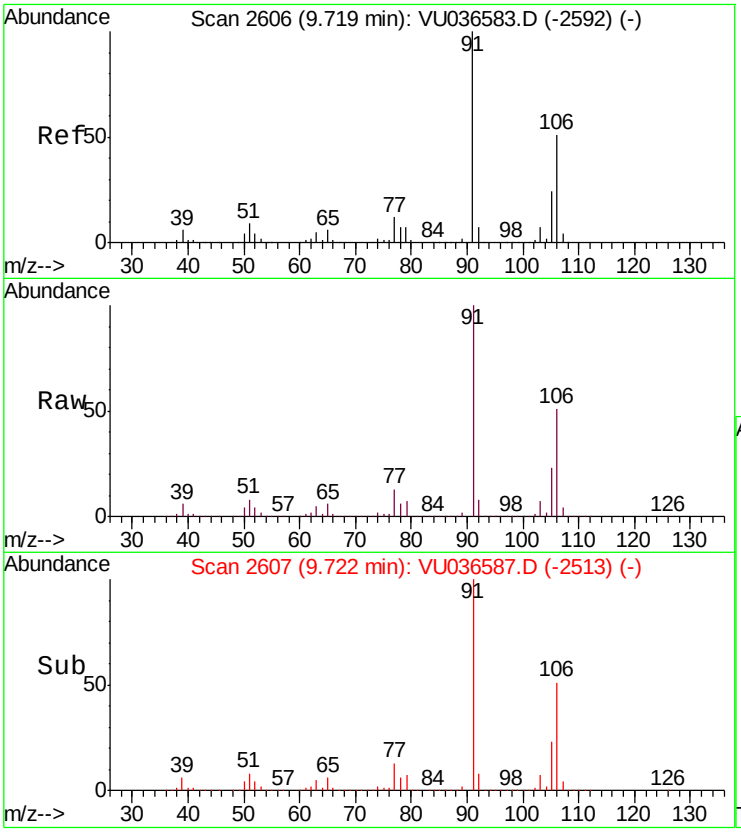


#52
Ethylbenzene
Concen: 162.800 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion: 91 Resp: 1680086

Ion	Ratio	Lower	Upper
91	100		
106	32.6	22.6	42.0



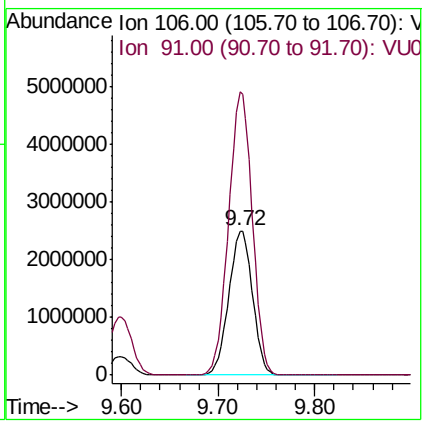


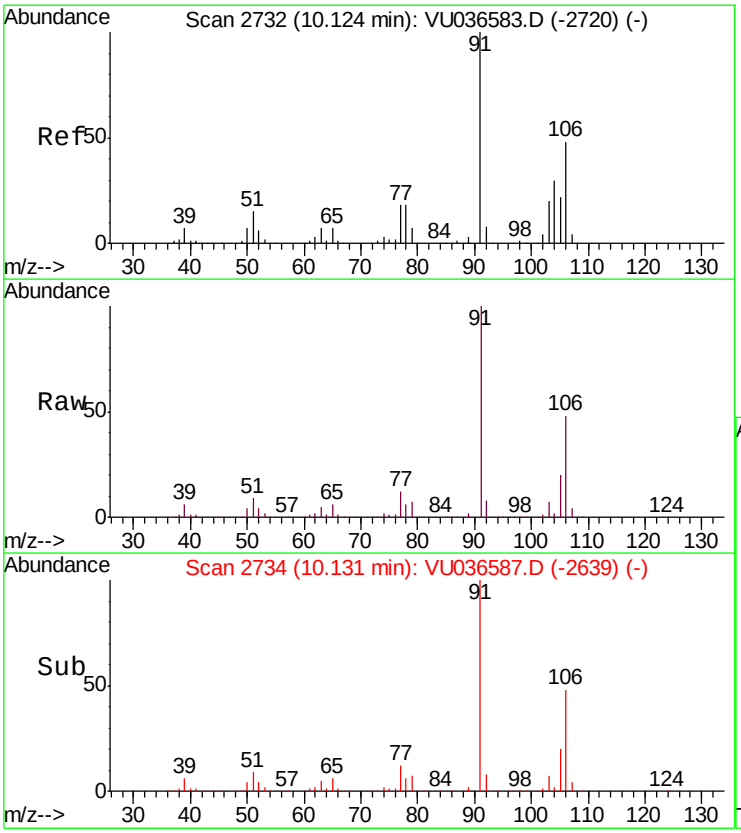
#53
m,p-Xylene
Concen: 1057.385 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument :
MSVOA_U
ClientSampleId :
GASZ4

Tgt Ion:106 Resp: 4256099

Ion	Ratio	Lower	Upper
106	100		
91	196.2	139.4	259.0

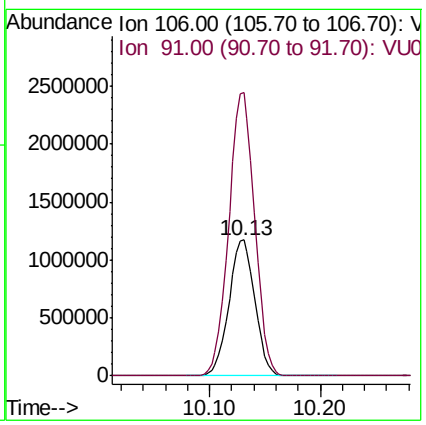


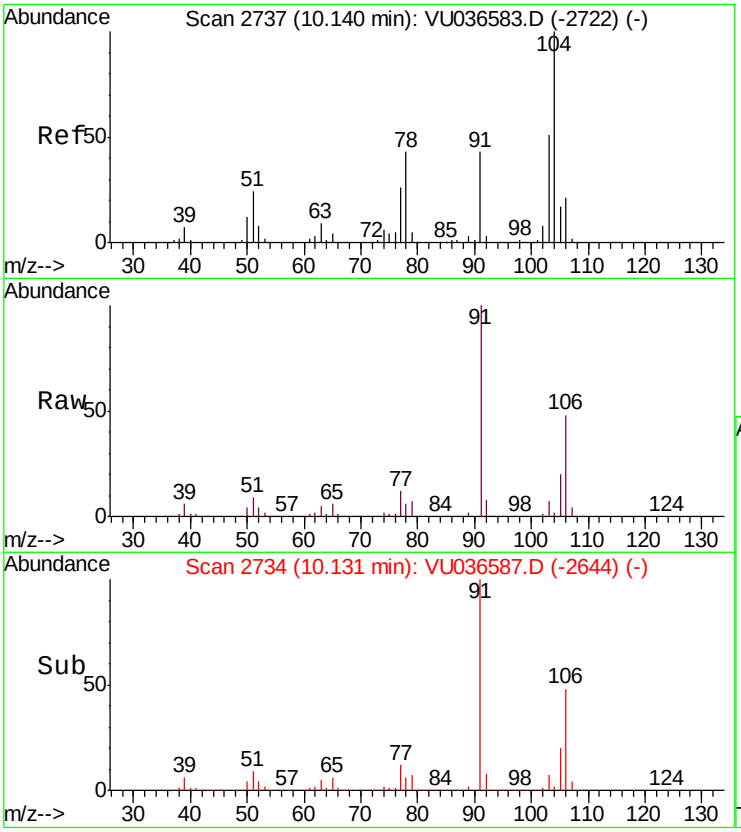


#54
o-xylene
Concen: 475.151 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion:106 Resp: 1907714

Ion	Ratio	Lower	Upper
106	100		
91	208.1	145.9	271.1



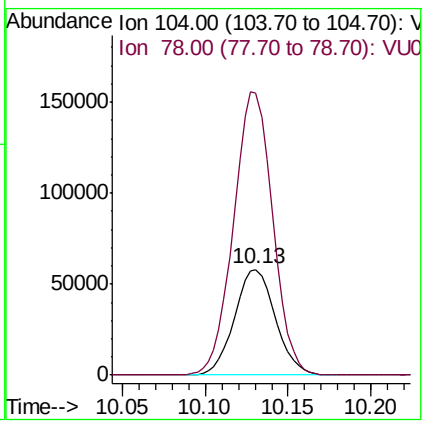


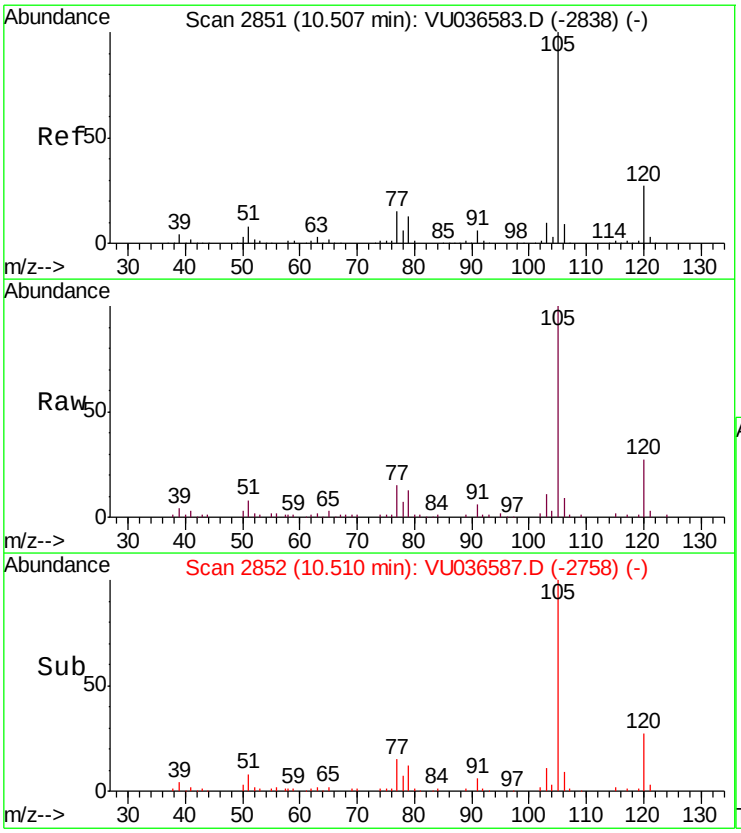
#55
Styrene
Concen: 15.310 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.01 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument :
MSVOA_U
ClientSampleId :
GASZ4

Tgt Ion:104 Resp: 99752

Ion	Ratio	Lower	Upper
104	100		
78	267.5	30.1	55.9#

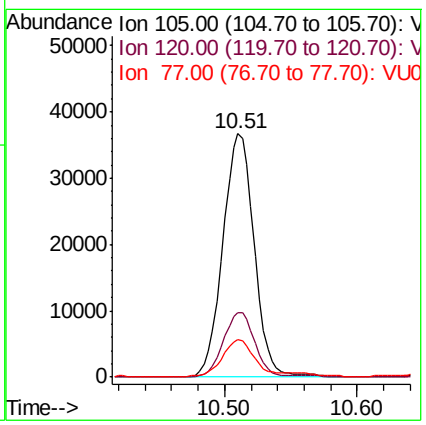


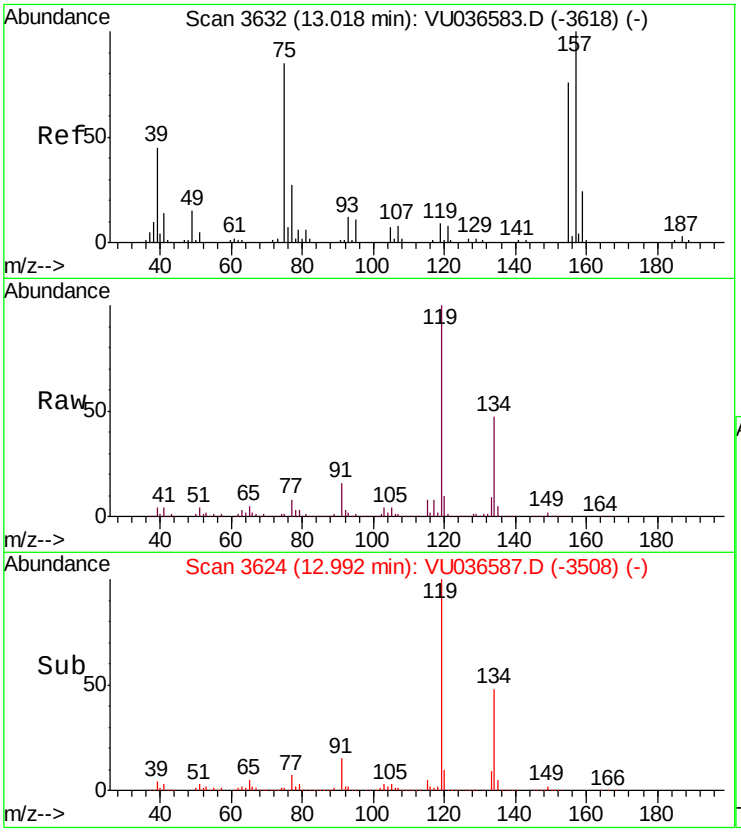


#56
Isopropylbenzene
Concen: 5.908 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion:105 Resp: 60313

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.6	32.4
77	15.1	11.8	17.8



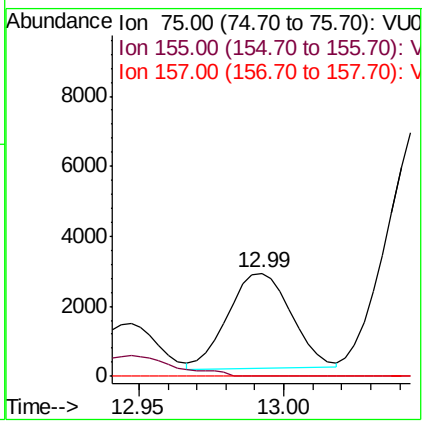


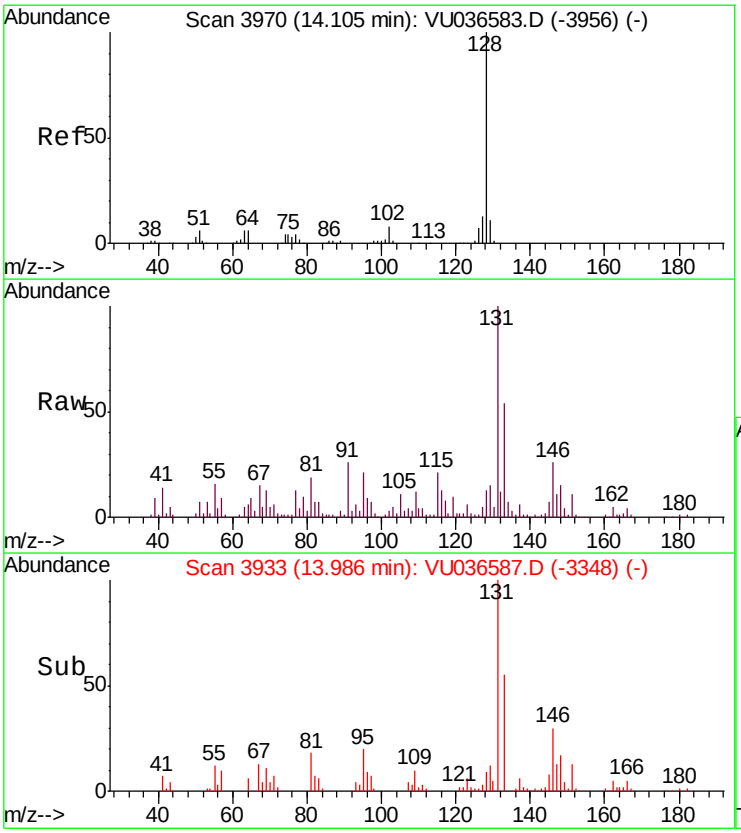
#66
1,2-Dibromo-3-chloropropane
Concen: 4.736 ug/L
RT: 12.99 min Scan# 3624
Delta R.T. -0.03 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Instrument :
MSVOA_U
ClientSampleId :
GASZ4

Tgt Ion: 75 Resp: 4102

Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.4	110.2#
157	0.0	96.8	145.2#





#69
Naphthalene
Concen: 1.354 ug/L
RT: 13.99 min Scan# 3933
Delta R.T. -0.12 min
Lab File: VU036587.D
Acq: 29 Jan 2020 12:31

Tgt Ion:128 Resp: 10263

Ion	Ratio	Lower	Upper
128	100		
127	35.2	10.6	15.8#
129	127.9	8.6	12.8#