Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016320.D
Acq On : 29 May 2020 17:11
Operator : SY/MD
Sample : L2662-08DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 30 00:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97570	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	93515	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	46749	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27729	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.58	69	21578	3.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.40%			
11) 1,1-Dichloroethene-d2	2.12	63	36314	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	3.98	46	83864	53.95	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.90%			
24) Chloroform-d	4.38	84	56581	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.06	65	32521	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.07	84	116073	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.10	67	35556	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.34	98	104169	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
45) trans-1,3-Dichloropropene-	7.65	79	12086	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
48) 2-Hexanone-d5	8.13	63	68666	56.04	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.08%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26069	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	41203	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	29313	3.431	ug/L	99
12) 1,1-Dichloroethene	2.12	96	422	0.073	ug/L #	1
13) Acetone	2.24	43	5434	5.648	ug/L	88
16) Methylene chloride	2.52	84	2015	0.305	ug/L	84
18) trans-1,2-Dichloroethene	2.77	96	1086	0.172	ug/L	93
21) 2-Butanone	4.06	43	15183	8.871	ug/L #	75
22) cis-1,2-Dichloroethene	3.93	96	55756	7.486	ug/L	95
25) Chloroform	4.40	83	2205	0.174	ug/L	92
27) 1,2-Dichloroethane	5.16	62	943	0.114	ug/L #	79
33) Benzene	5.12	78	40068	1.489	ug/L	100
35) Methylcyclohexane	6.09	83	8489	0.718	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4287	0.650	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	971	0.104	ug/L #	61
42) Toluene	7.41	91	46067	1.570	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	16011	0.599	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	44565	1.620	ug/L	99
46) trans-1,3-Dichloropropene	7.65	75	623	0.080	ug/L #	44

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016320.D
Acq On : 29 May 2020 17:11
Operator : SY/MD
Sample : L2662-08DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 30 00:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Ethylbenzene	9.03	91	56791	1.736	ug/L		97
55) m,p-xylene	9.16	106	21255	1.733	ug/L		98
56) o-xylene	9.57	106	14895	1.274	ug/L		98
57) Styrene	9.59	104	2306	0.119	ug/L	#	73
58) Isopropylbenzene	9.95	105	4842	0.151	ug/L		97
67) 1,2-Dibromo-3-chloropropan	12.49	75	4507	5.174	ug/L	#	9

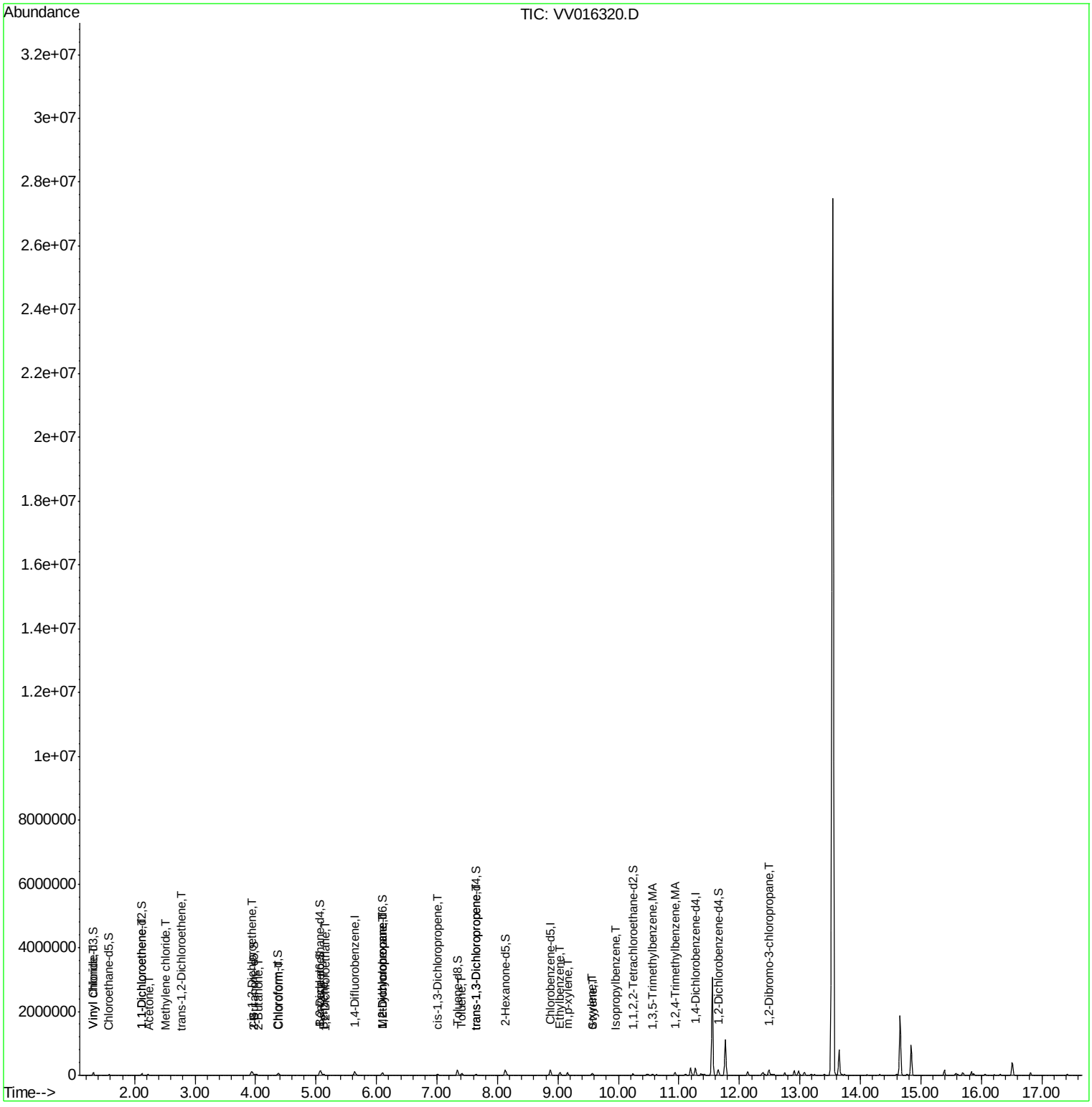
(#) = qualifier out of range (m) = manual integration (+) = signals summed

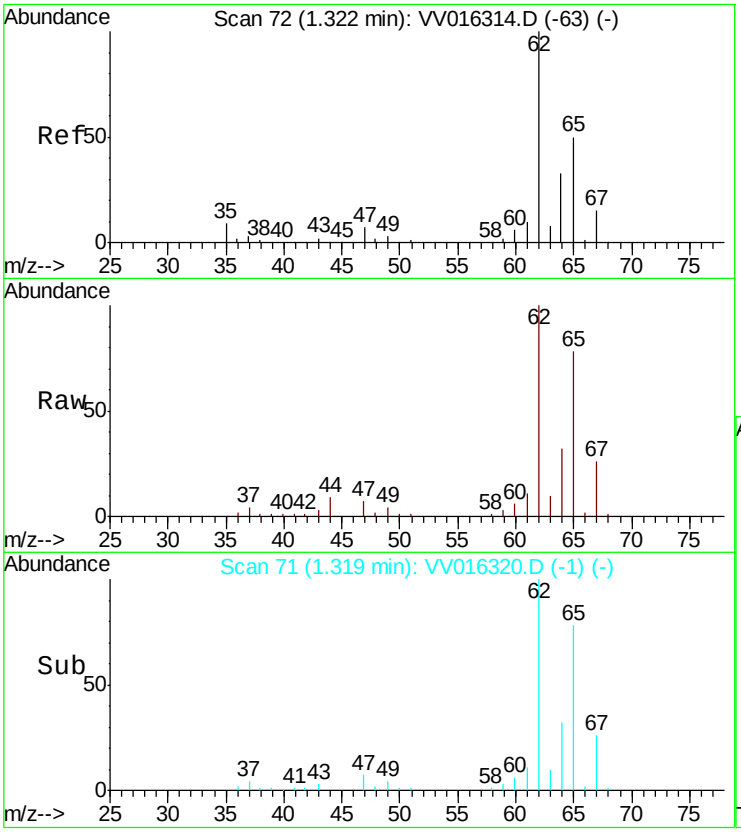
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016320.D
Acq On : 29 May 2020 17:11
Operator : SY/MD
Sample : L2662-08DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 30 00:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration



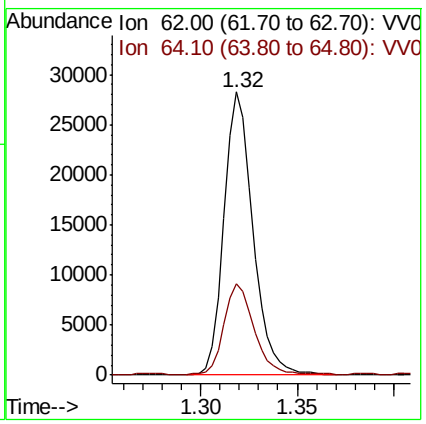


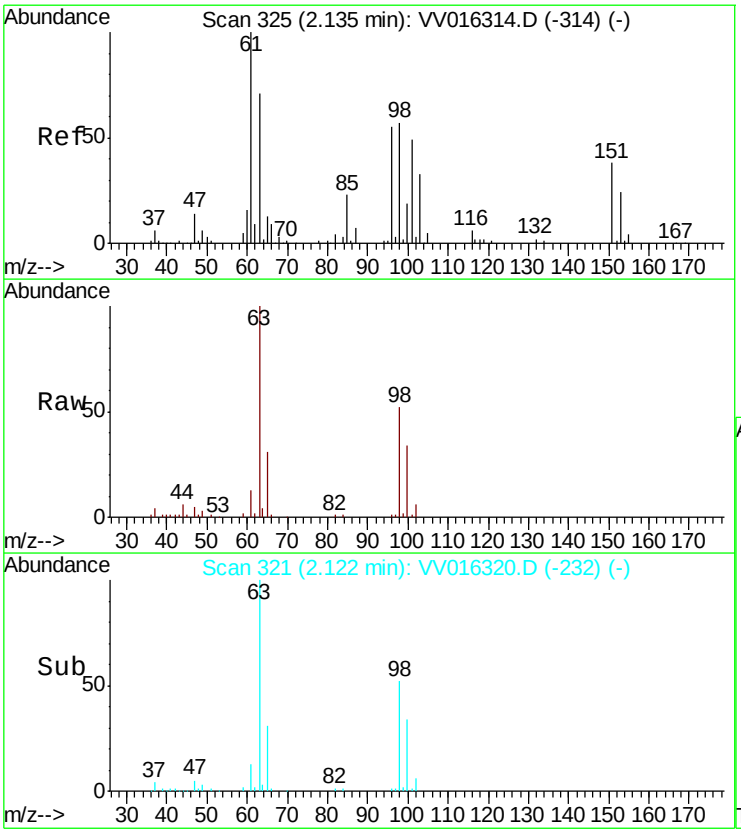
#5
Vinyl chloride
Concen: 3.431 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 29313

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.1	41.1

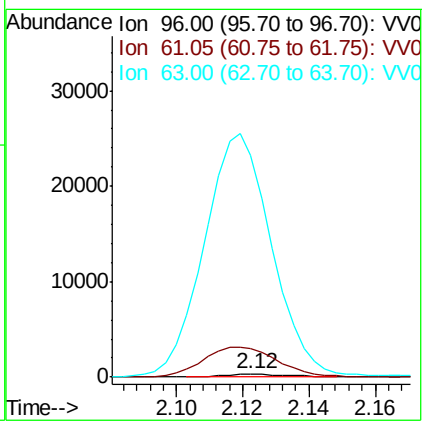


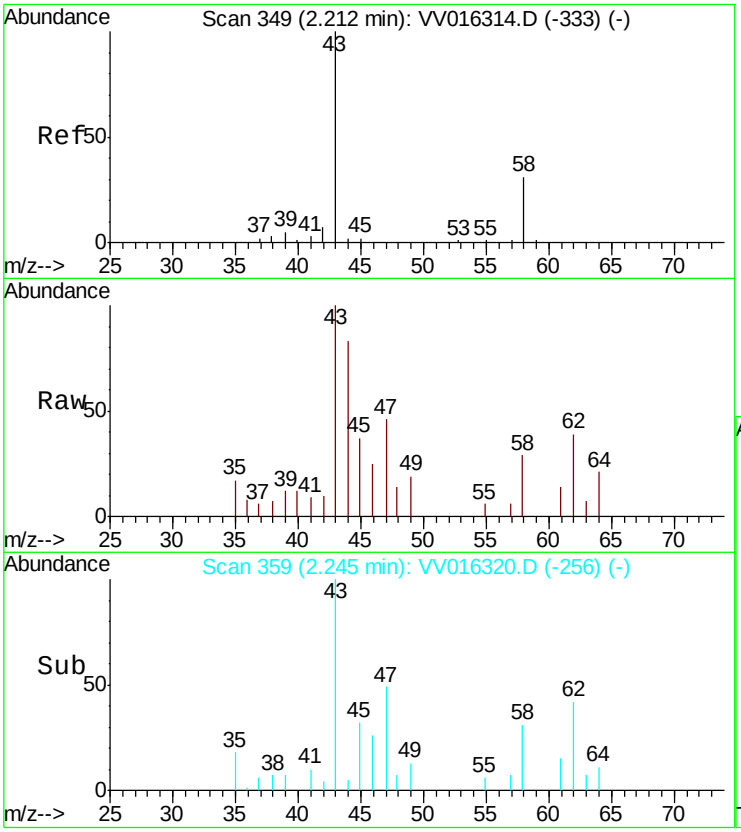


#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 96 Resp: 422

Ion	Ratio	Lower	Upper
96	100		
61	918.1	124.9	231.9#
63	7018.7	80.4	149.2#



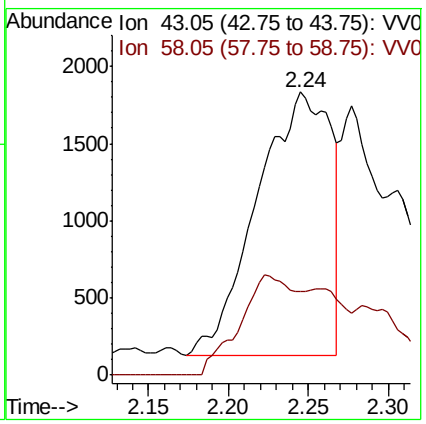


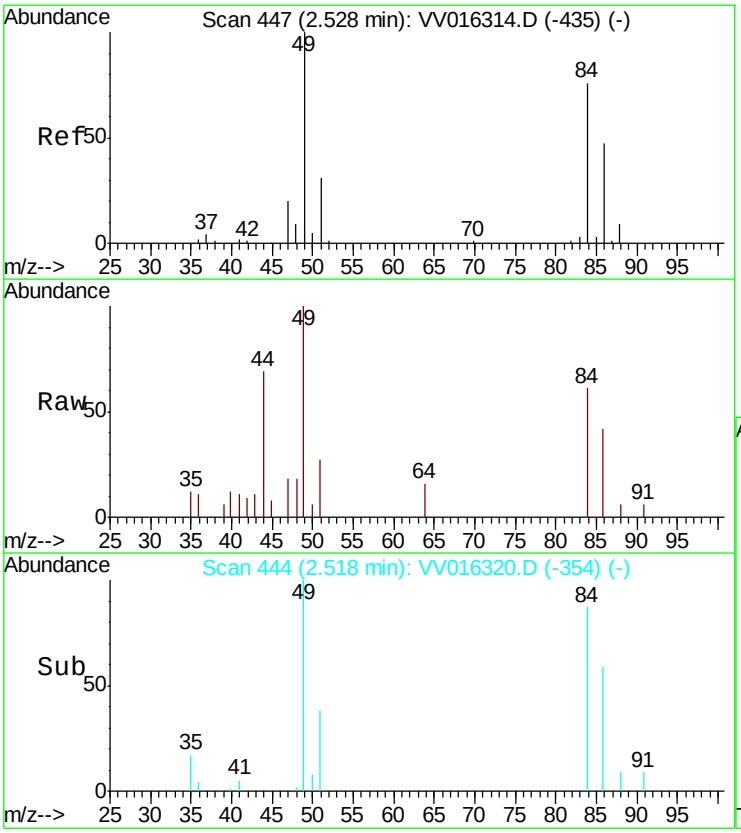
#13
Acetone
Concen: 5.648 ug/L
RT: 2.24 min Scan# 359
Delta R.T. 0.03 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5434

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	48.8

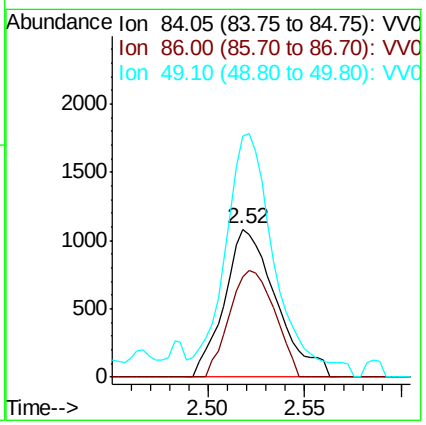


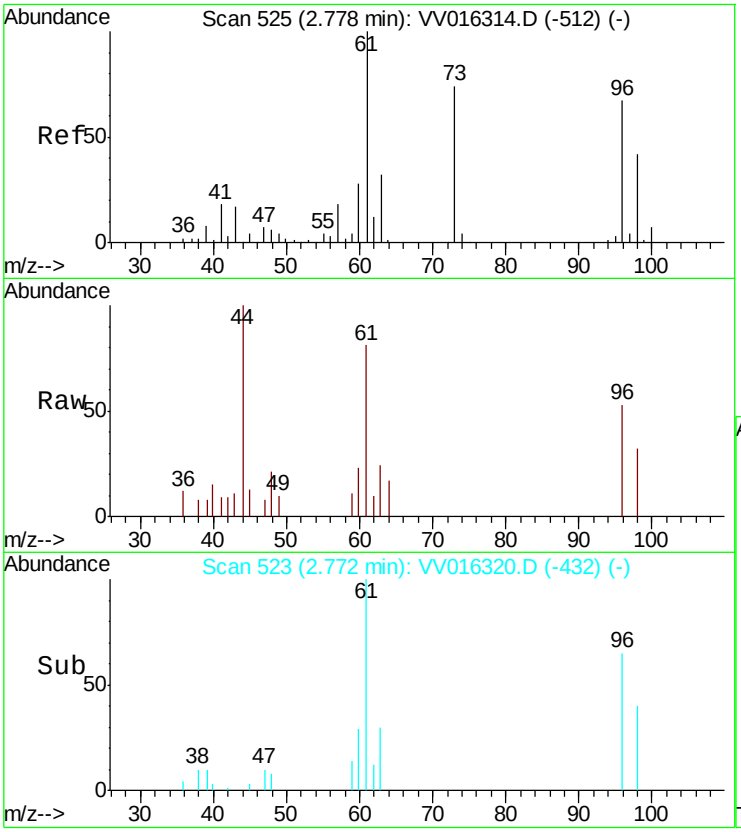


#16
Methylene chloride
Concen: 0.305 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.01 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 84 Resp: 2015

Ion	Ratio	Lower	Upper
84	100		
86	67.7	44.9	83.5
49	163.2	96.7	179.7



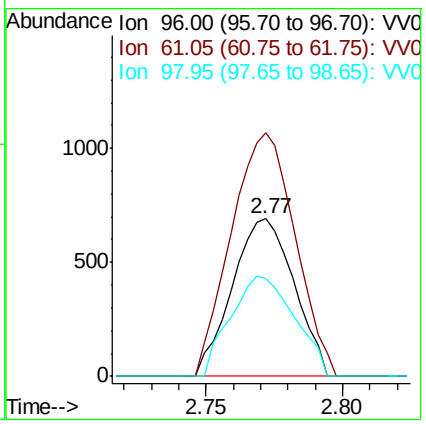


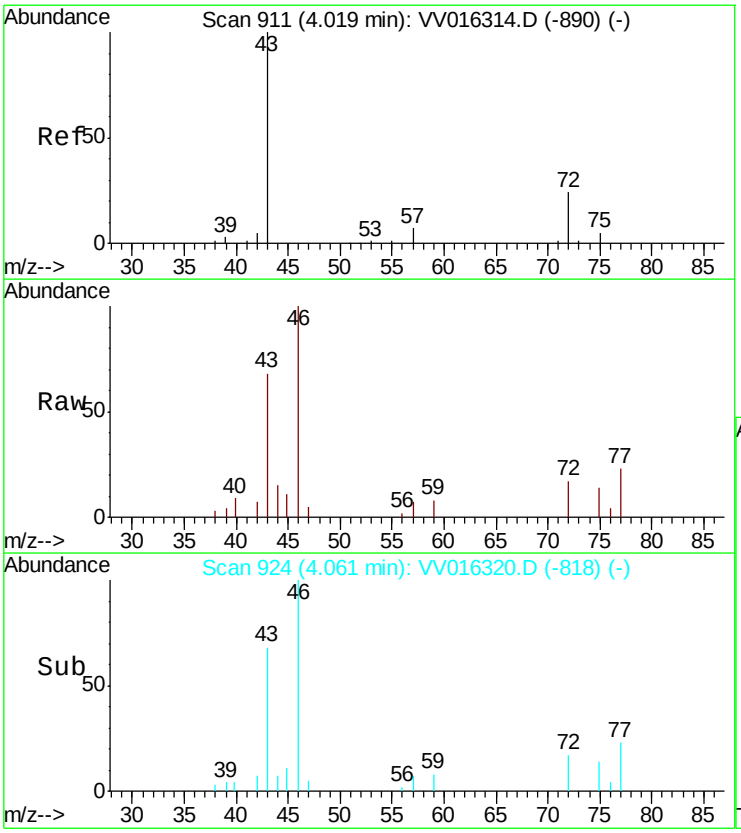
#18
trans-1,2-Dichloroethene
Concen: 0.172 ug/L
RT: 2.77 min Scan# 523
Delta R.T. -0.01 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1086

Ion	Ratio	Lower	Upper
96	100		
61	154.3	99.8	185.4
98	61.6	44.0	81.6

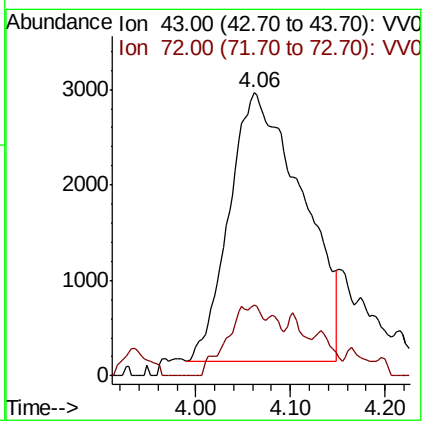


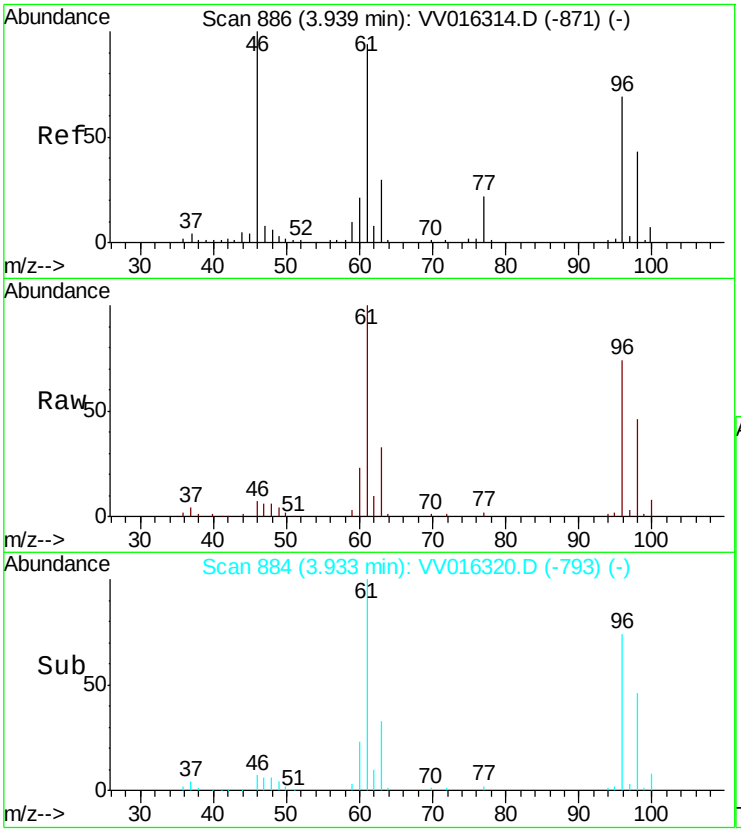


#21
2-Butanone
Concen: 8.871 ug/L
RT: 4.06 min Scan# 924
Delta R.T. 0.04 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 43 Resp: 15183

Ion	Ratio	Lower	Upper
43	100		
72	7.8	9.7	28.9#



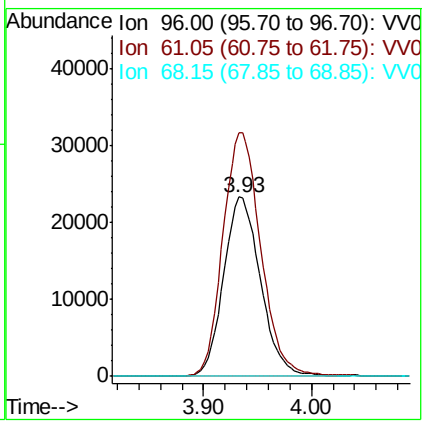


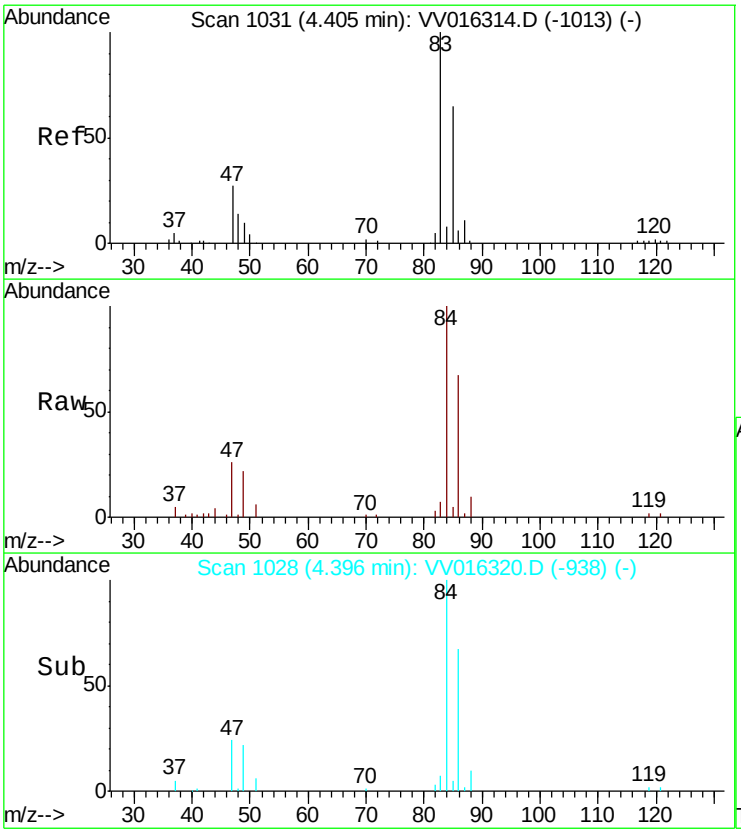
#22
cis-1,2-Dichloroethene
Concen: 7.486 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.01 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 55756

Ion	Ratio	Lower	Upper
96	100		
61	135.9	99.7	185.1
68	0.0	0.0	0.0

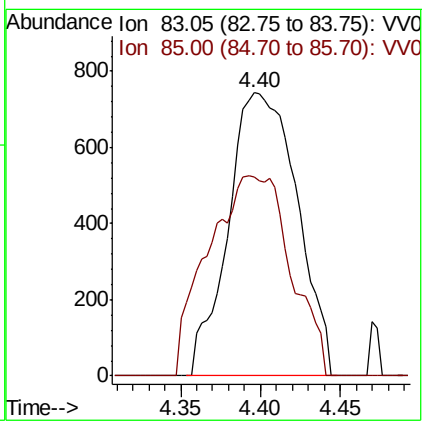


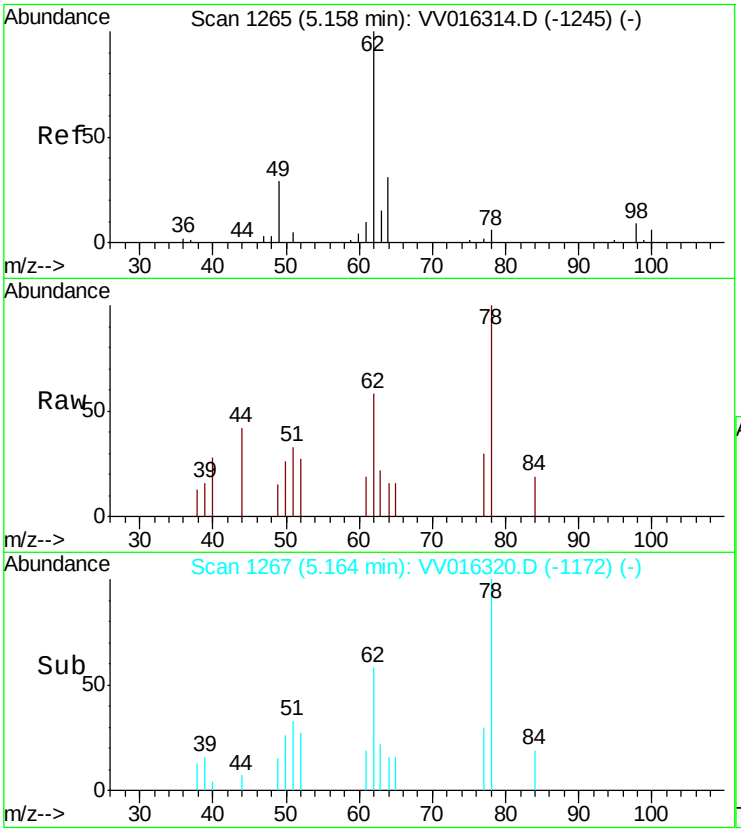


#25
Chloroform
Concen: 0.174 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 83 Resp: 2205

Ion	Ratio	Lower	Upper
83	100		
85	70.5	45.1	83.7

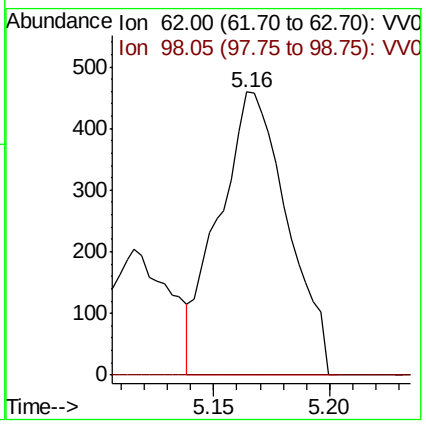




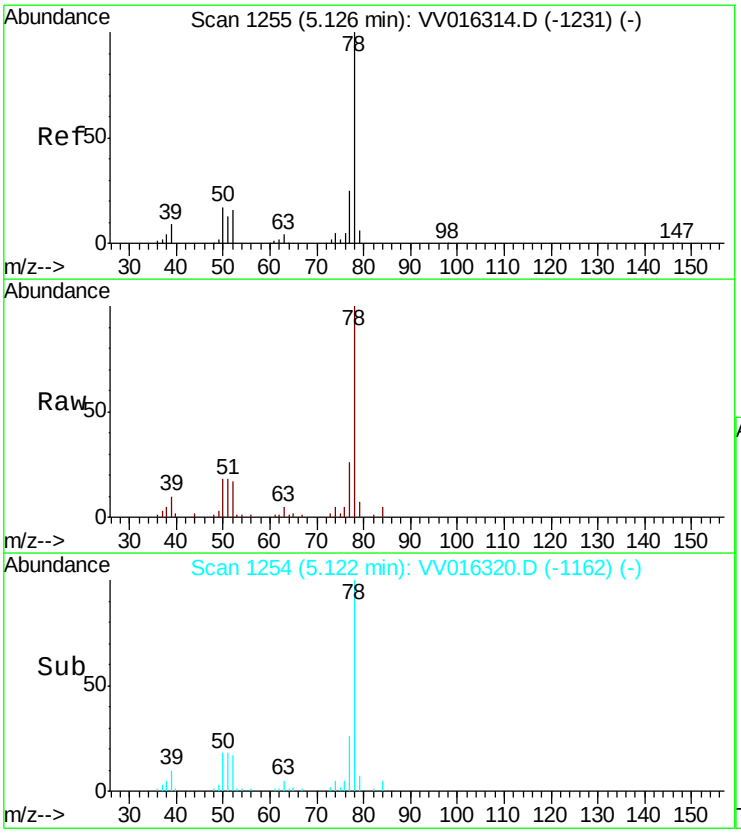
#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 62 Resp: 943

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

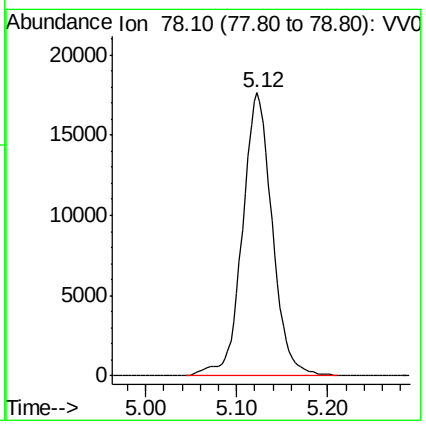


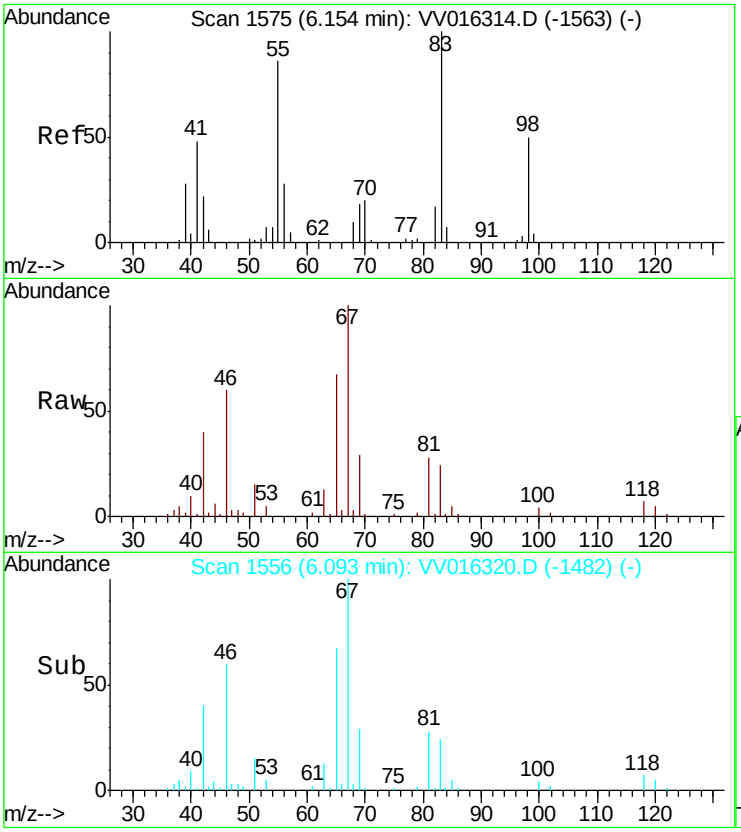
Instrument :
MSVOA_V
ClientSampleId :



#33
Benzene
Concen: 1.489 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 78 Resp: 40068



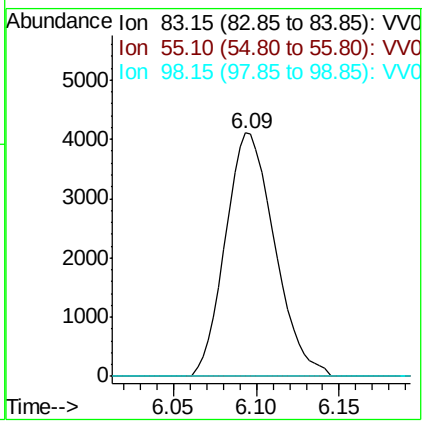


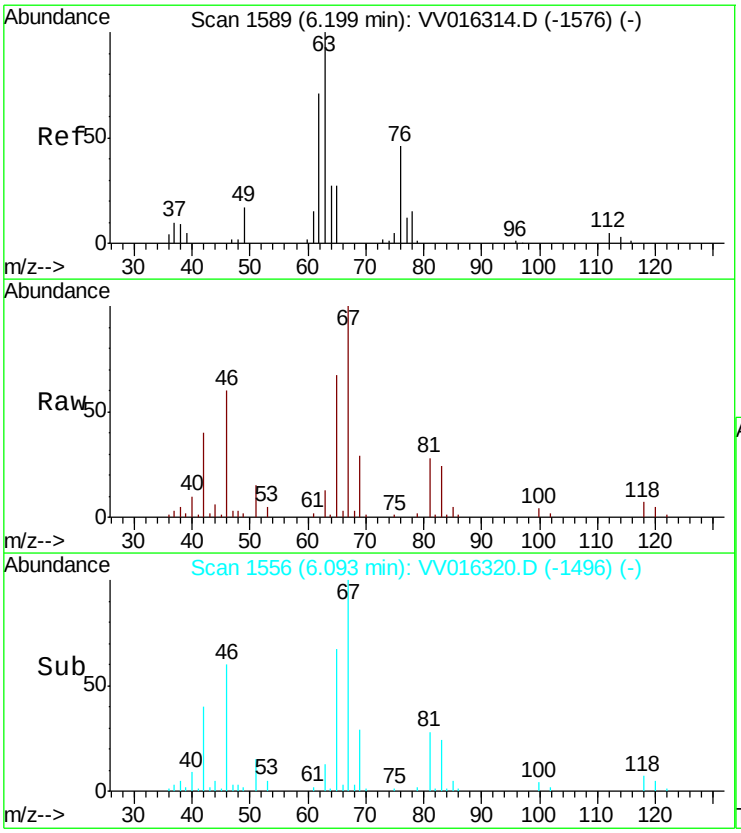
#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 8489

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.0#
98	0.0	39.3	58.9#

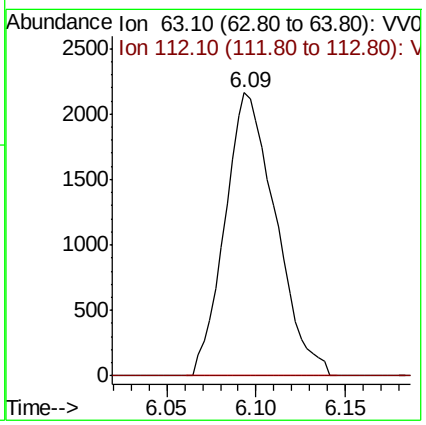


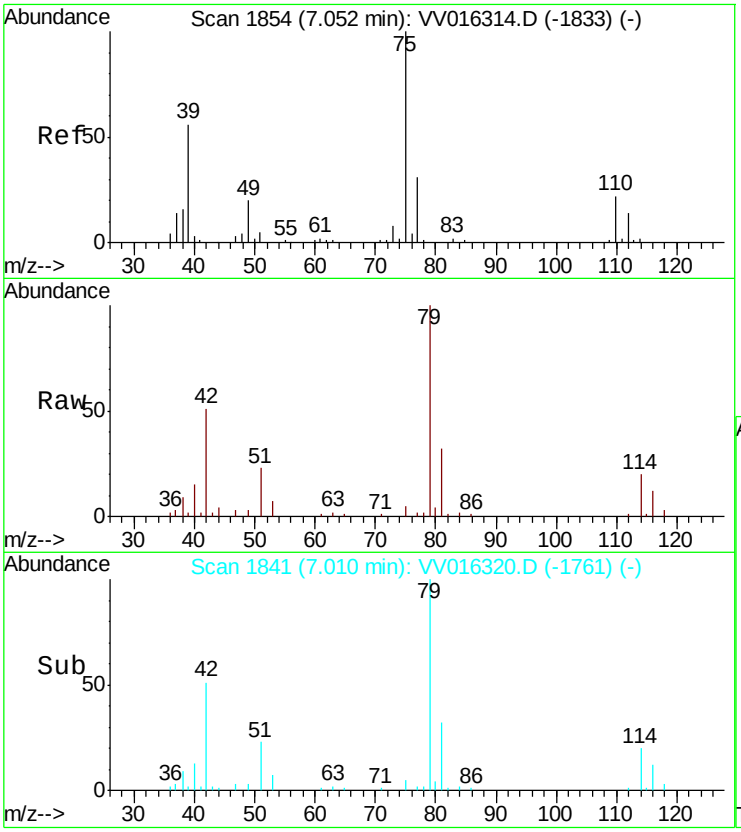


#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 63 Resp: 4287

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



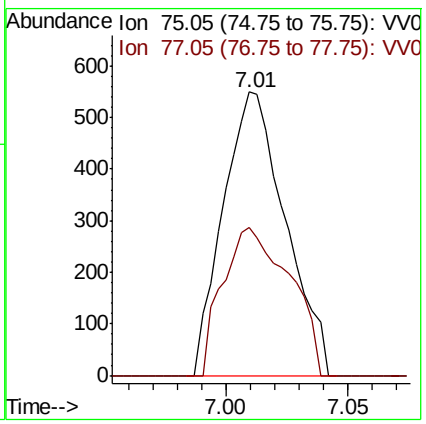


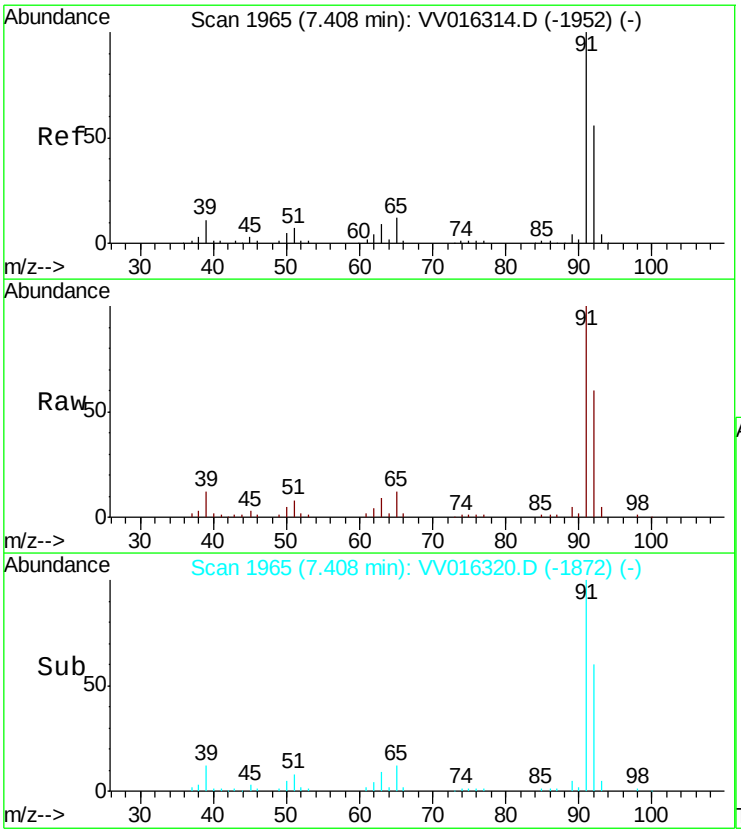
#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 971

Ion	Ratio	Lower	Upper
75	100		
77	52.3	21.7	40.3#

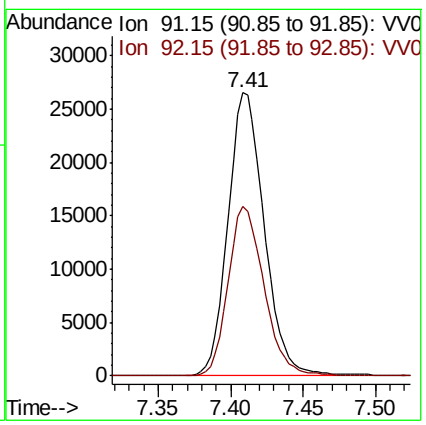


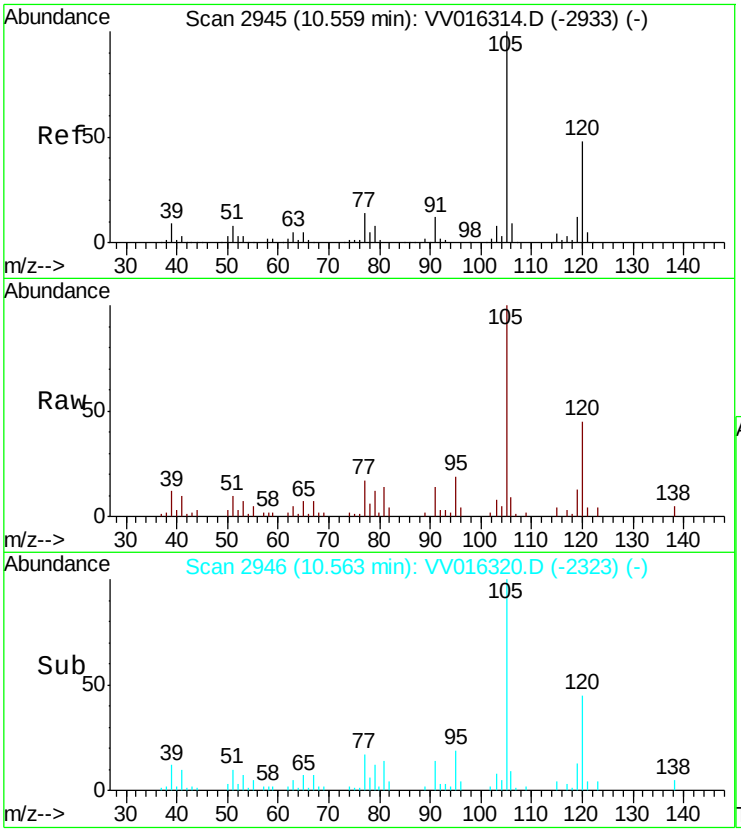


#42
Toluene
Concen: 1.570 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 91 Resp: 46067

Ion	Ratio	Lower	Upper
91	100		
92	59.9	40.9	76.0



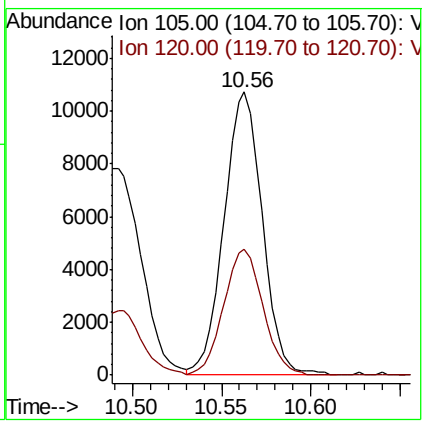


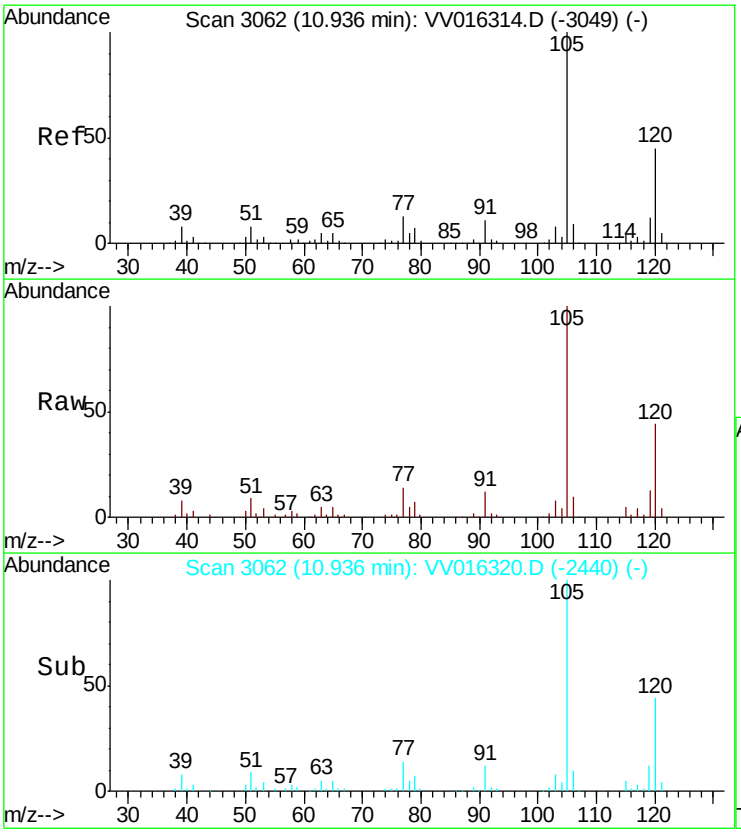
#43
1,3,5-Trimethylbenzene
Concen: 0.599 ug/L
RT: 10.56 min Scan# 2946
Delta R.T. 0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 16011

Ion	Ratio	Lower	Upper
105	100		
120	45.7	37.4	56.0

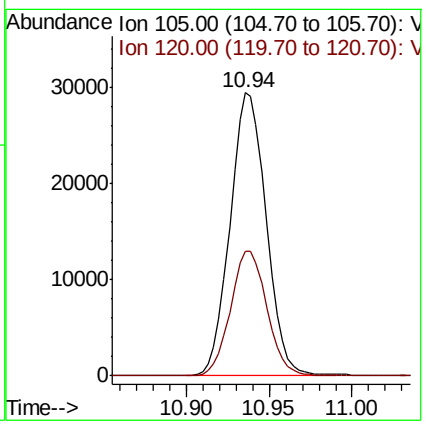


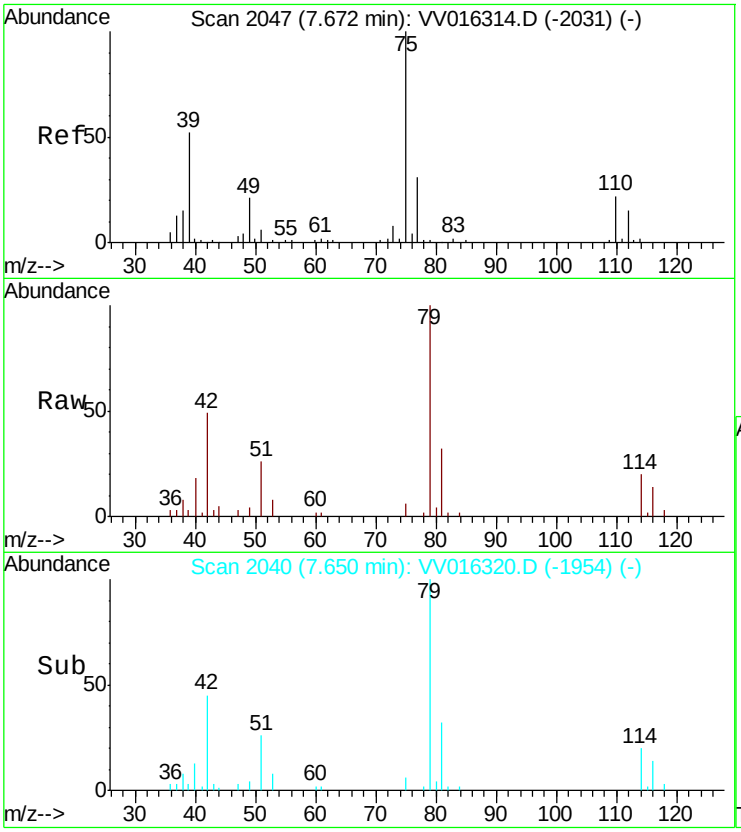


#44
1,2,4-Trimethylbenzene
Concen: 1.620 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion:105 Resp: 44565

Ion	Ratio	Lower	Upper
105	100		
120	44.2	34.6	52.0



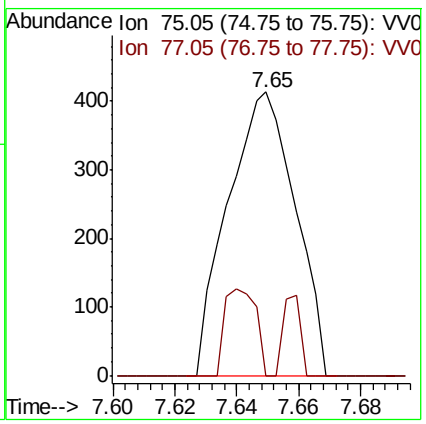


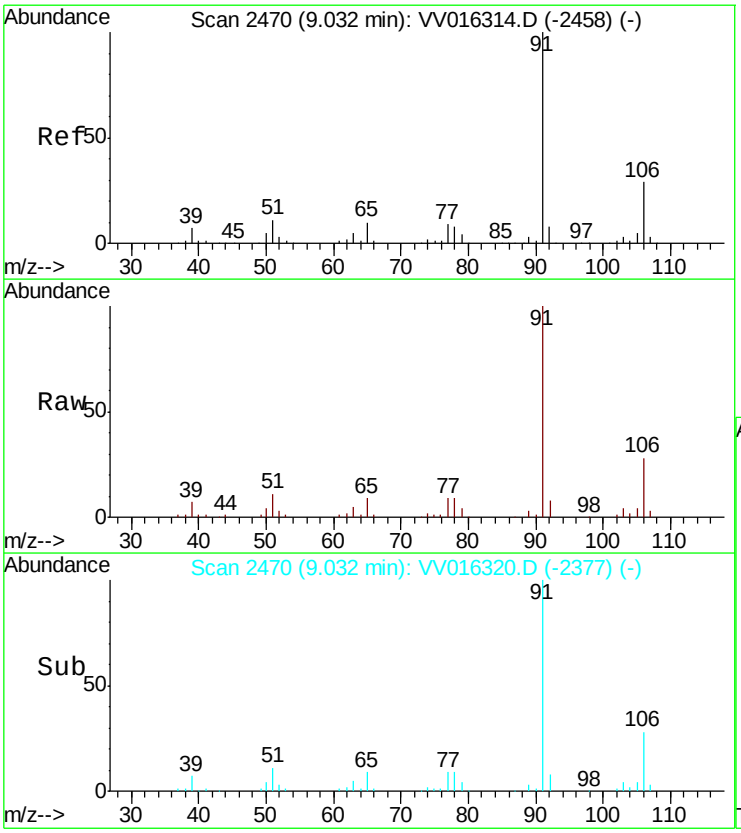
#46
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 623

Ion	Ratio	Lower	Upper
75	100		
77	0.0	21.7	40.3#

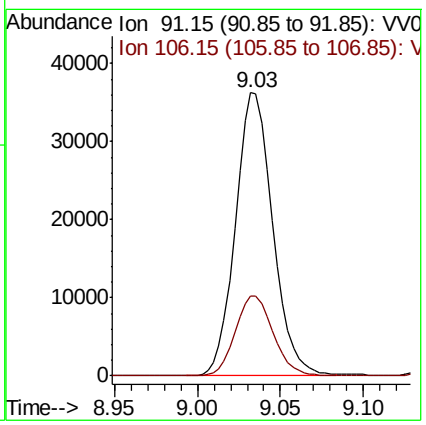


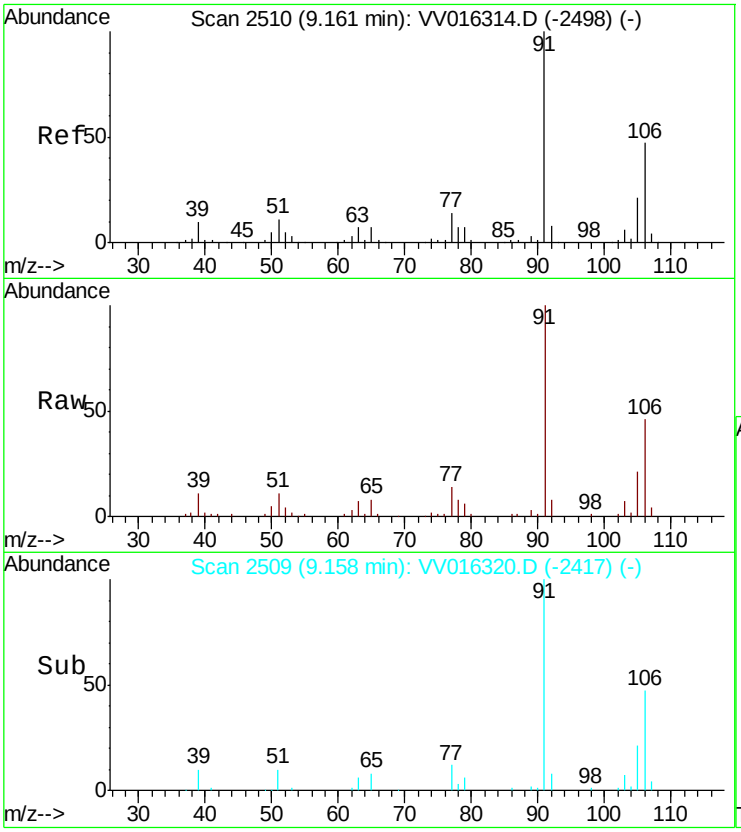


#54
Ethylbenzene
Concen: 1.736 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion: 91 Resp: 56791

Ion	Ratio	Lower	Upper
91	100		
106	28.2	21.0	39.0



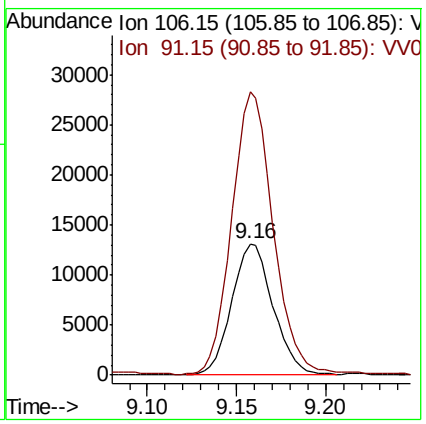


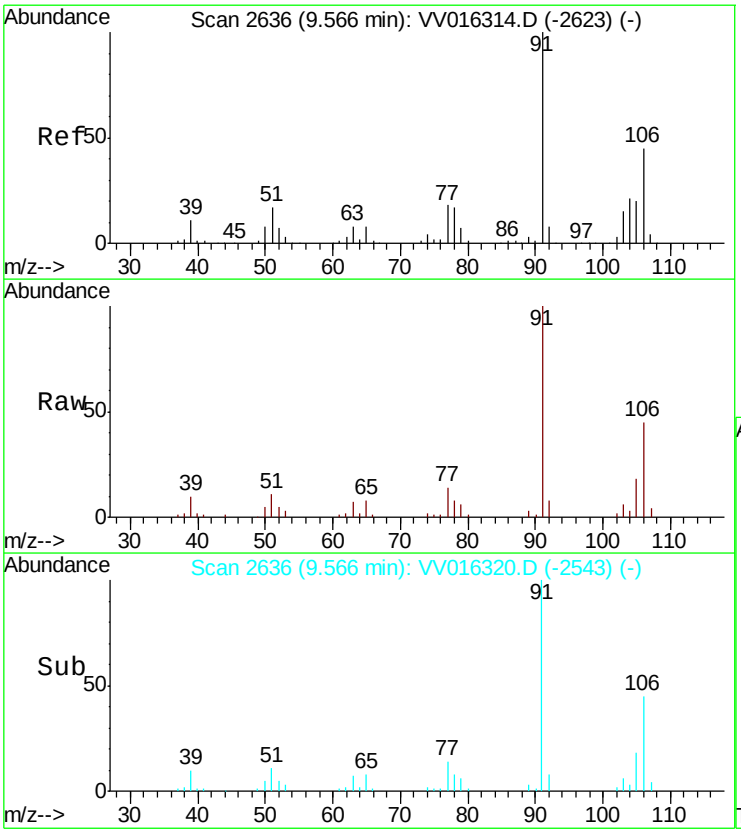
#55
m,p-xylene
Concen: 1.733 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 21255

Ion	Ratio	Lower	Upper
106	100		
91	215.3	148.1	275.0

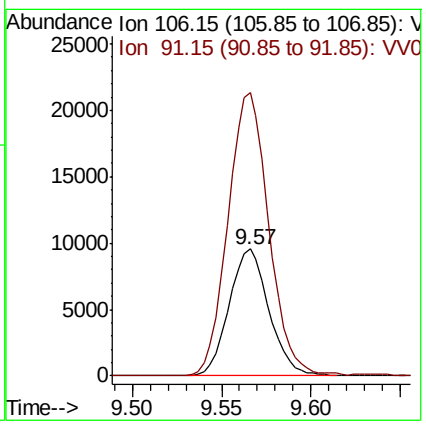


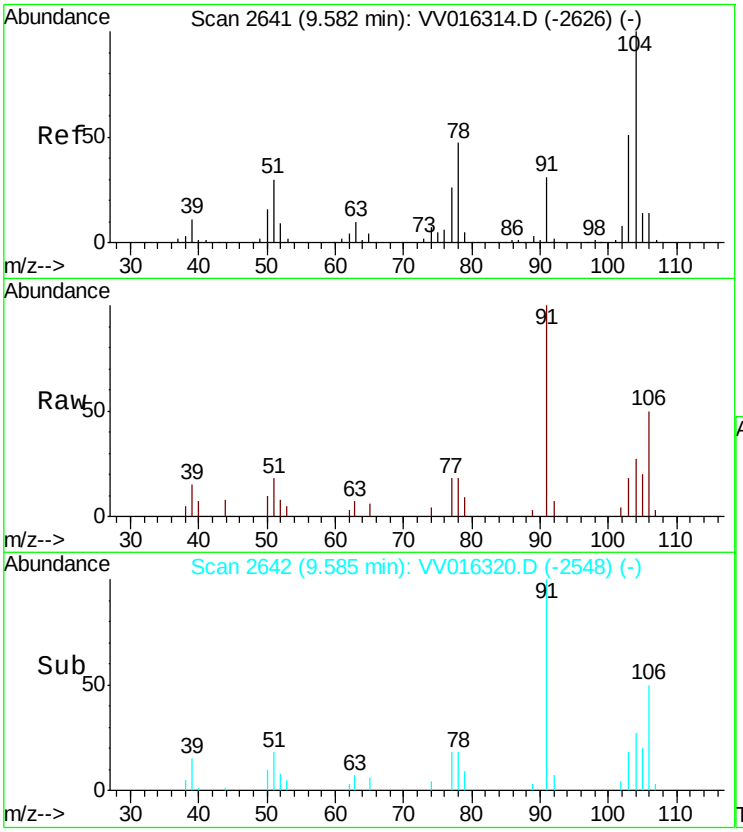


#56
o-xylene
Concen: 1.274 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion:106 Resp: 14895

Ion	Ratio	Lower	Upper
106	100		
91	223.5	158.8	294.8



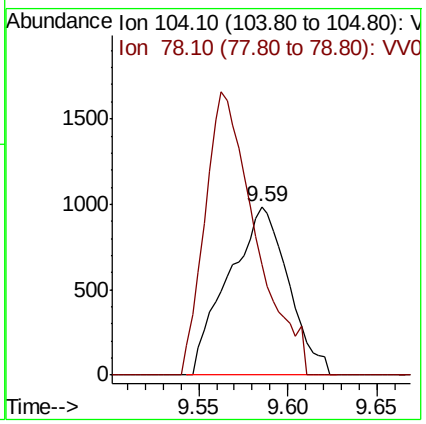


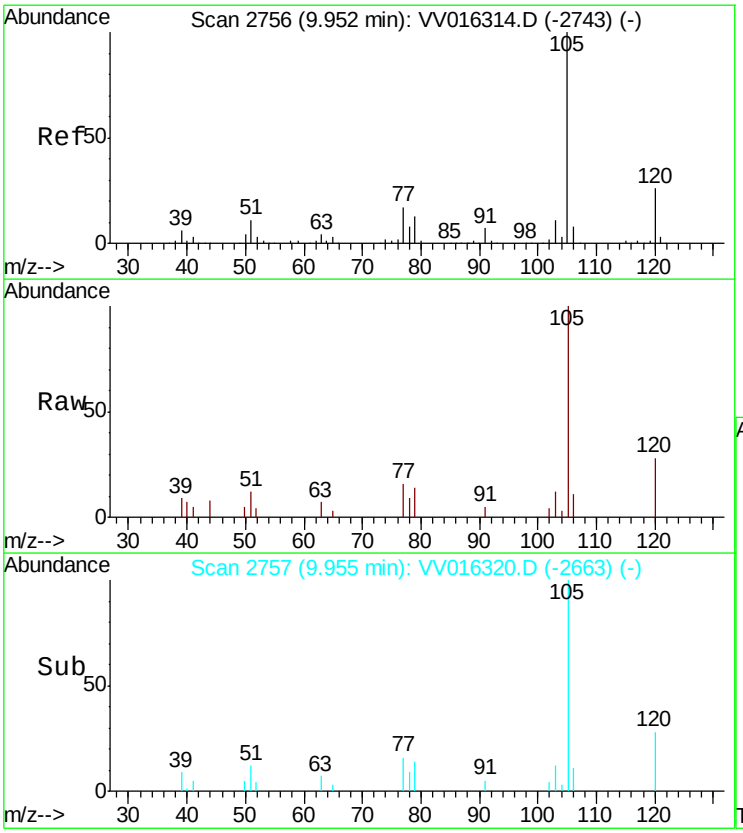
#57
Stvrene
Concen: 0.119 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 2306

Ion	Ratio	Lower	Upper
104	100		
78	65.4	33.2	61.7#

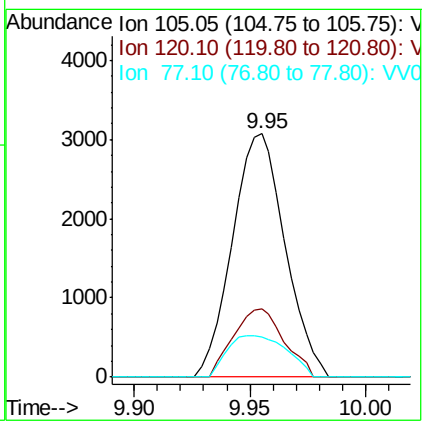


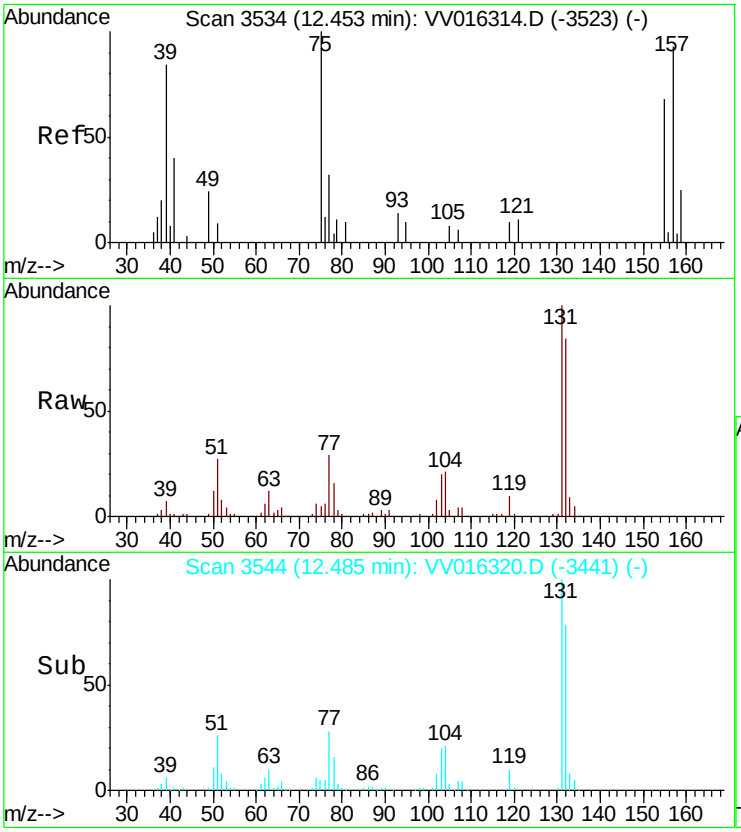


#58
Isopropylbenzene
Concen: 0.151 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Tgt Ion:105 Resp: 4842

Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.9	31.3
77	19.2	13.9	20.9





#67
1,2-Dibromo-3-chloropropane
Concen: 5.174 ug/L
RT: 12.49 min Scan# 3544
Delta R.T. 0.03 min
Lab File: VV016320.D
Acq: 29 May 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4507

Ion	Ratio	Lower	Upper
75	100		
155	0.0	56.2	84.4#
157	0.0	71.9	107.9#