Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 29 04:24:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	87412	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85182	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40190	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27457	4.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%			
7) Chloroethane-d5	1.58	69	20754	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.20%			
11) 1,1-Dichloroethene-d2	2.13	63	40543	3.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	3.93	46	72078	51.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.52%			
24) Chloroform-d	4.38	84	48680	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.06	65	27450	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.08	84	96082	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.10	67	29537	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.34	98	87283	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
45) trans-1,3-Dichloropropene-	7.65	79	10033	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
48) 2-Hexanone-d5	8.12	63	51883	46.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.98%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	20901	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	33966	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	33647	4.395	ug/L	89
8) Chloroethane	1.37	64	9019	2.109	ug/L #	53
12) 1,1-Dichloroethene	2.14	96	4571	0.887	ug/L #	1
13) Acetone	2.22	43	10769	12.493	ug/L	93
14) Carbon disulfide	2.32	76	679	0.042	ug/L #	75
18) trans-1,2-Dichloroethene	2.78	96	24763	4.389	ug/L	96
19) 1,1-Dichloroethane	3.21	63	2037	0.190	ug/L #	92
22) cis-1,2-Dichloroethene	3.94	96	764322	114.539	ug/L	98
25) Chloroform	4.40	83	1752	0.154	ug/L	96
27) 1,2-Dichloroethane	5.16	62	82919	11.181	ug/L	96
33) Benzene	5.13	78	45746	1.866	ug/L	100
34) Trichloroethene	5.94	95	72815	11.403	ug/L	99
35) Methylcyclohexane	6.10	83	7380	0.685	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	3607	0.600	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	799	0.094	ug/L #	54
42) Toluene	7.41	91	7966	0.298	ug/L	92
43) 1,3,5-Trimethylbenzene	10.56	105	2096	0.086	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 29 04:24:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2,4-Trimethylbenzene	10.94	105	4370	0.174	ug/L		99
46) trans-1,3-Dichloropropene	7.64	75	439	0.062	ug/L	#	61
47) 1,1,2-Trichloroethane	7.86	97	7634	1.931	ug/L		98
53) Chlorobenzene	8.90	112	107584	6.513	ug/L		99
54) Ethylbenzene	9.04	91	4222	0.142	ug/L		98
55) m,p-xylene	9.16	106	1718	0.154	ug/L		78
56) o-xylene	9.57	106	4277	0.402	ug/L		94
57) Styrene	9.59	104	3777	0.213	ug/L		99
60) 1,1,2,2-Tetrachloroethane	10.27	83	705	0.143	ug/L	#	89
63) 1,3-Dichlorobenzene	11.21	146	4918	0.401	ug/L		96
64) 1,4-Dichlorobenzene	11.30	146	29785	2.390	ug/L		99
66) 1,2-Dichlorobenzene	11.67	146	148765	13.419	ug/L		99
70) Naphthalene	13.53	128	2875201	172.671	ug/L		100

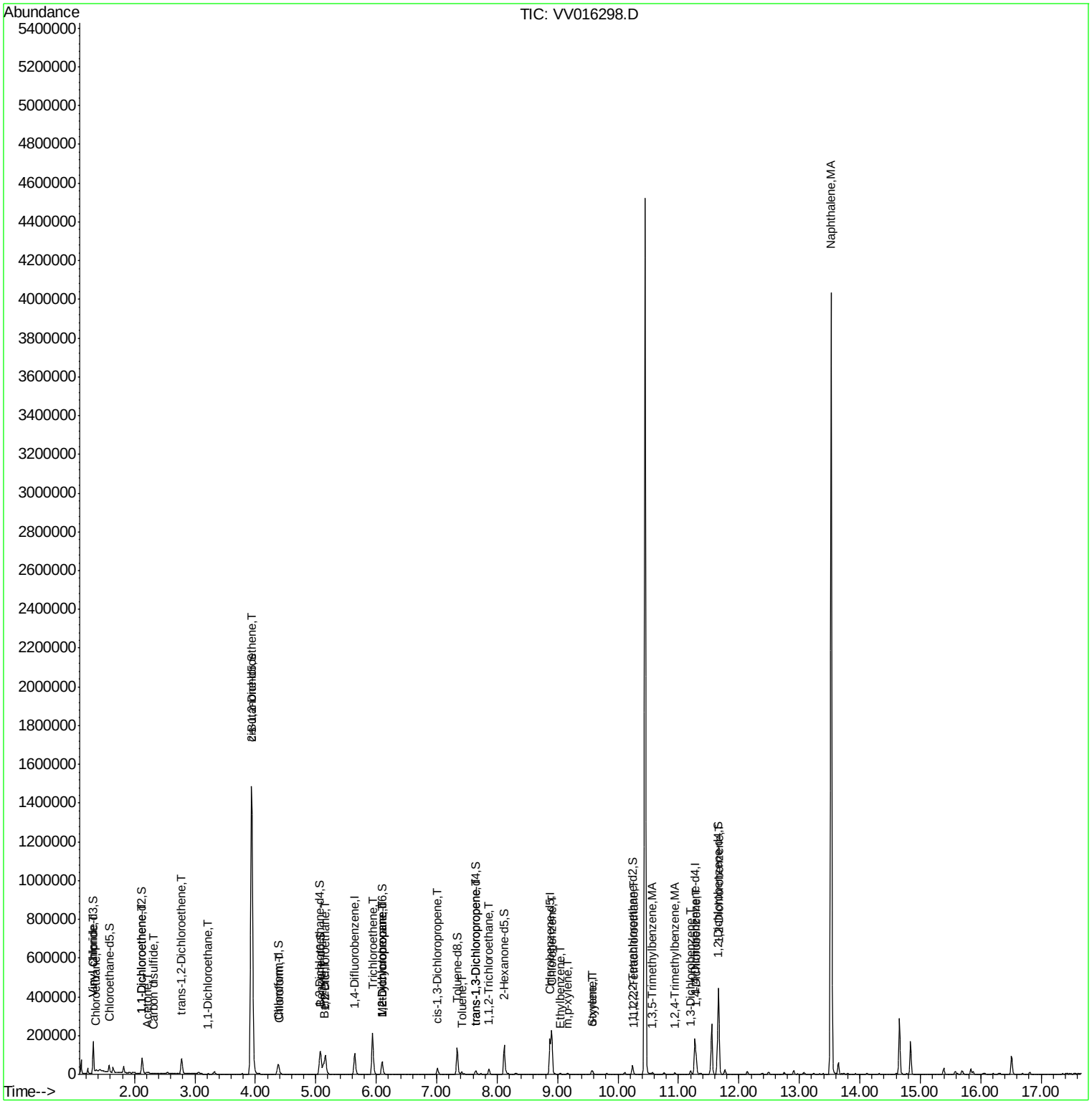
(#) = qualifier out of range (m) = manual integration (+) = signals summed

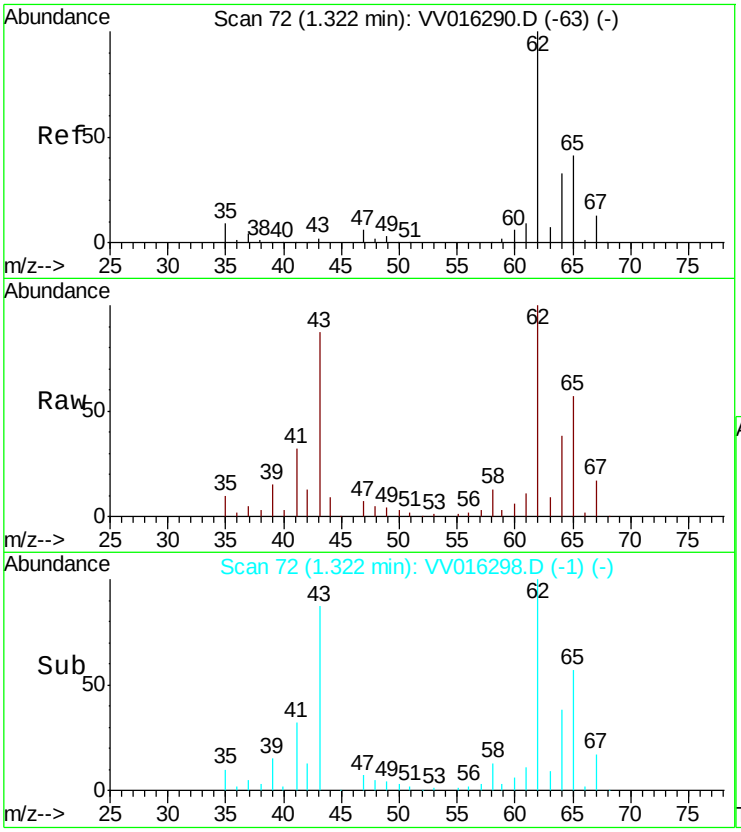
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 29 04:24:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration



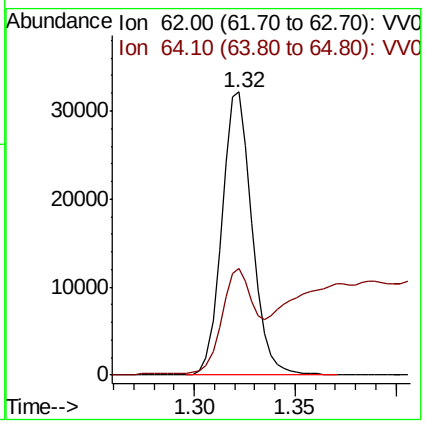


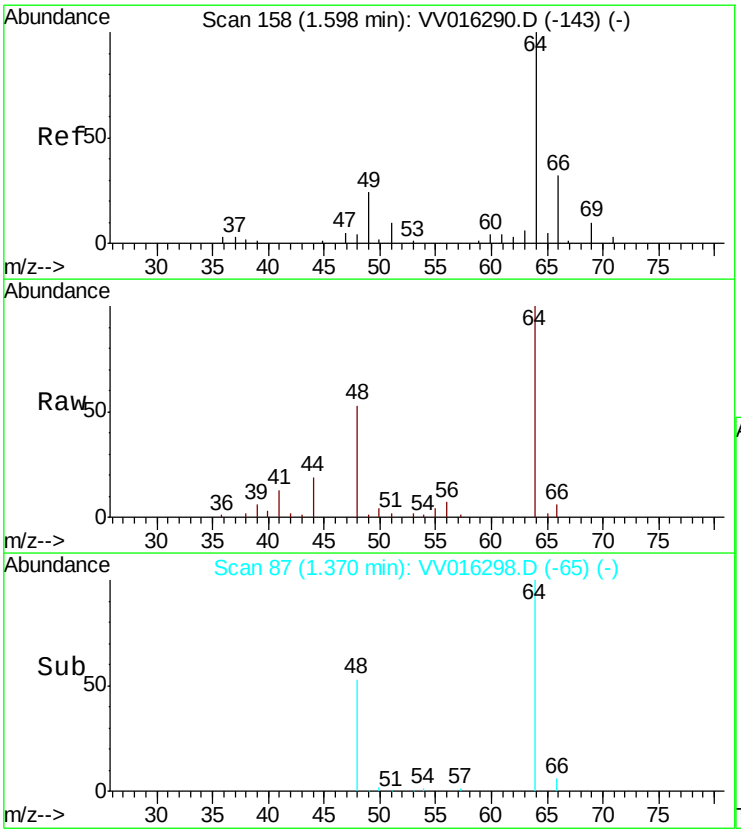
#5
Vinyl chloride
Concen: 4.395 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 33647

Ion	Ratio	Lower	Upper
62	100		
64	37.7	22.1	41.1

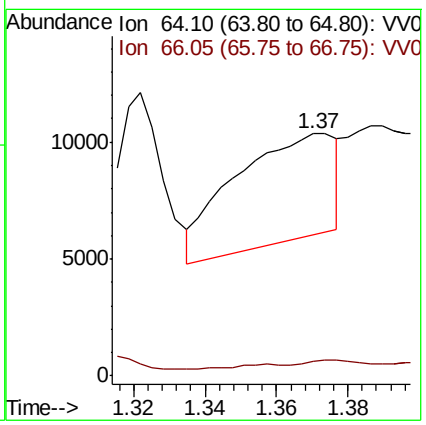


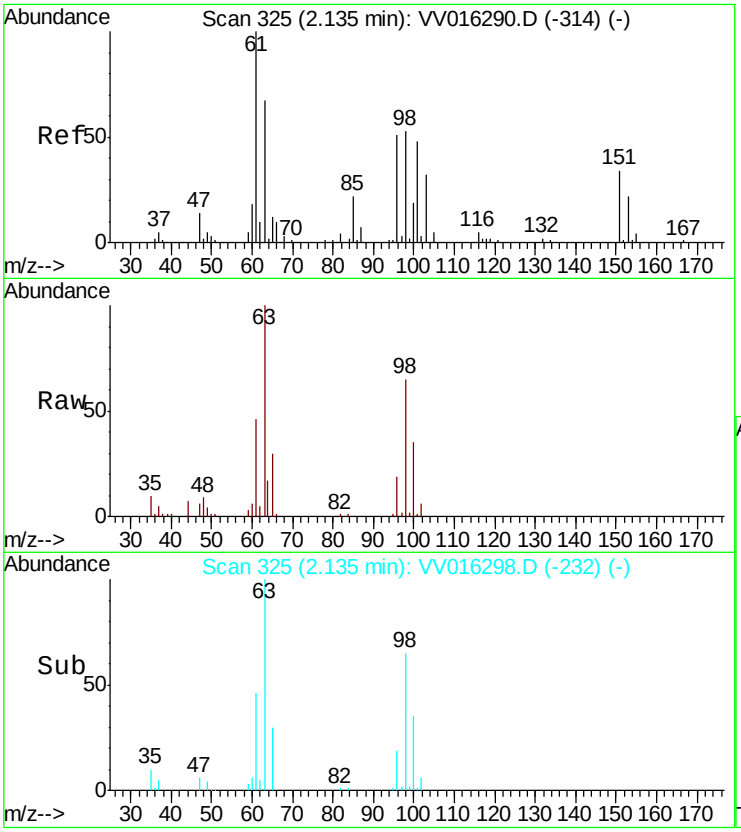


#8
Chloroethane
Concen: 2.109 ug/L
RT: 1.37 min Scan# 87
Delta R.T. -0.23 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 64 Resp: 9019

Ion	Ratio	Lower	Upper
64	100		
66	6.2	22.9	42.5#



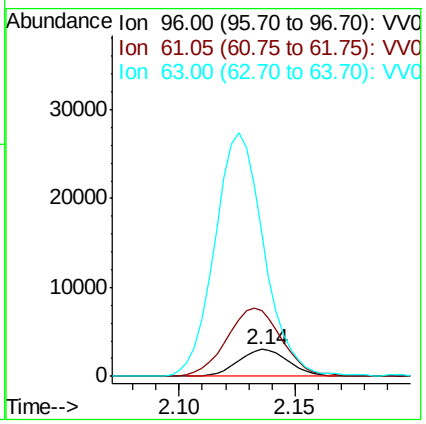


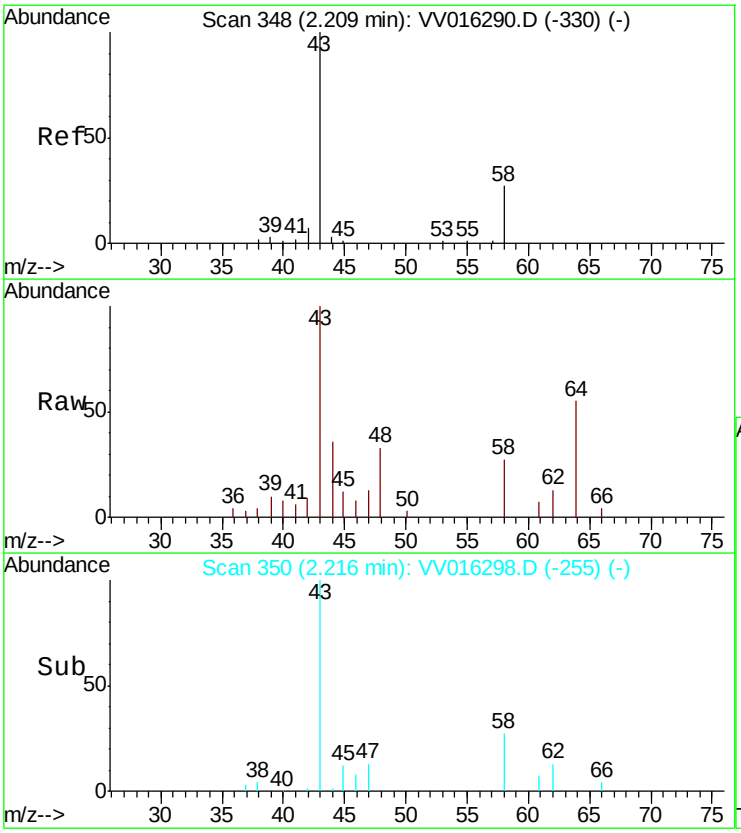
#12
1,1-Dichloroethene
Concen: 0.887 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 4571

Ion	Ratio	Lower	Upper
96	100		
61	242.6	124.9	231.9#
63	527.4	80.4	149.2#

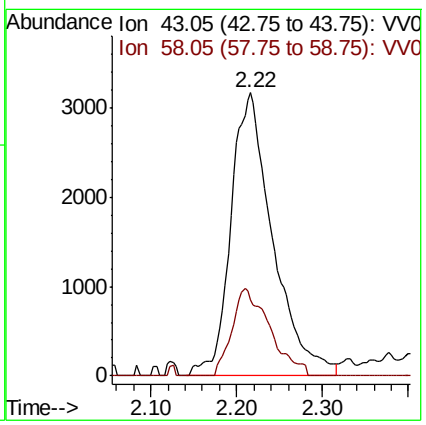


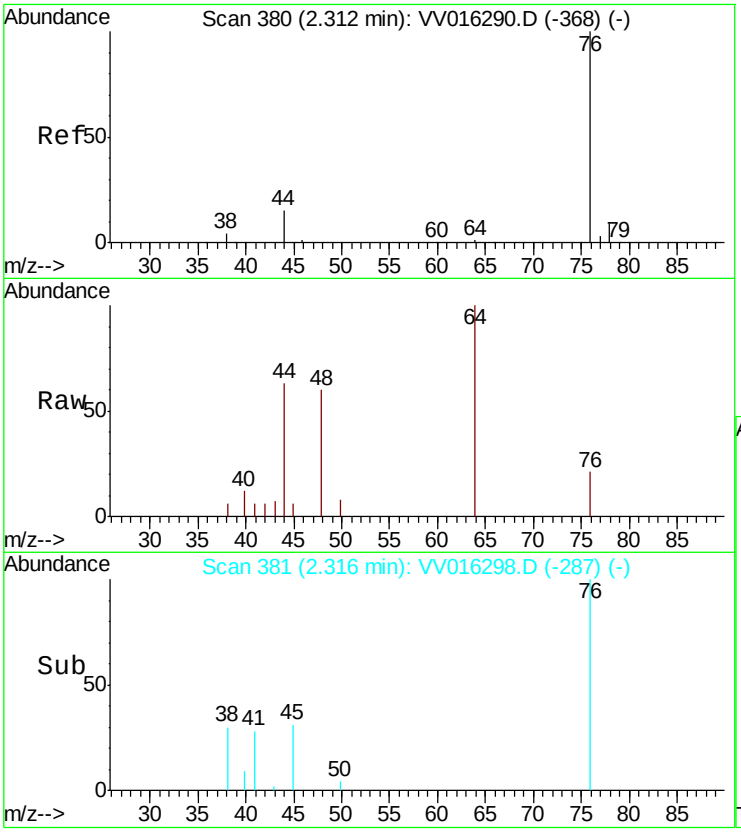


#13
Acetone
Concen: 12.493 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.01 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 43 Resp: 10769

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	48.8



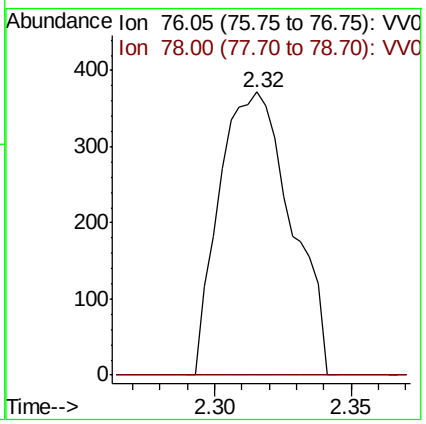


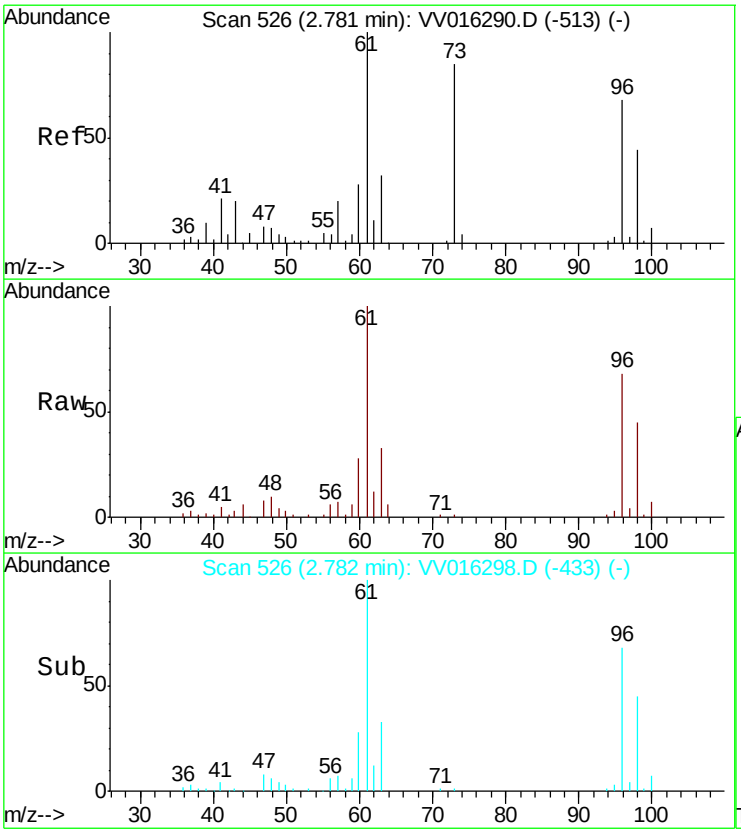
#14
Carbon disulfide
Concen: 0.042 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 679

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

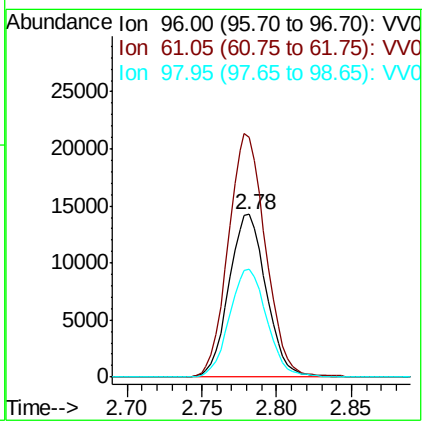


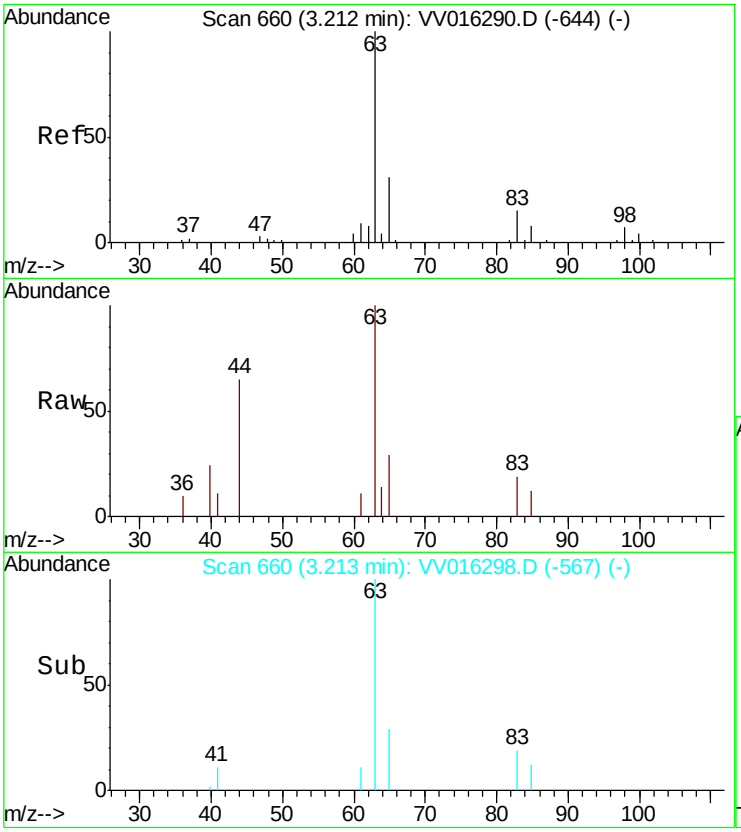


#18
trans-1,2-Dichloroethene
Concen: 4.389 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 96 Resp: 24763

Ion	Ratio	Lower	Upper
96	100		
61	147.2	99.8	185.4
98	66.5	44.0	81.6



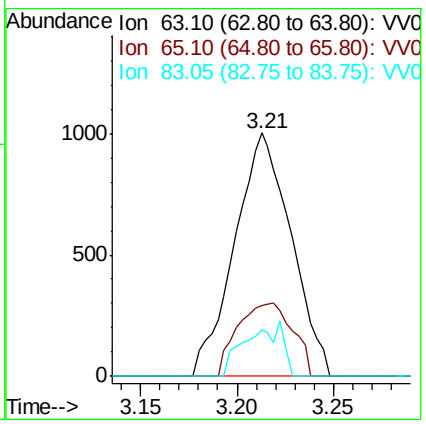


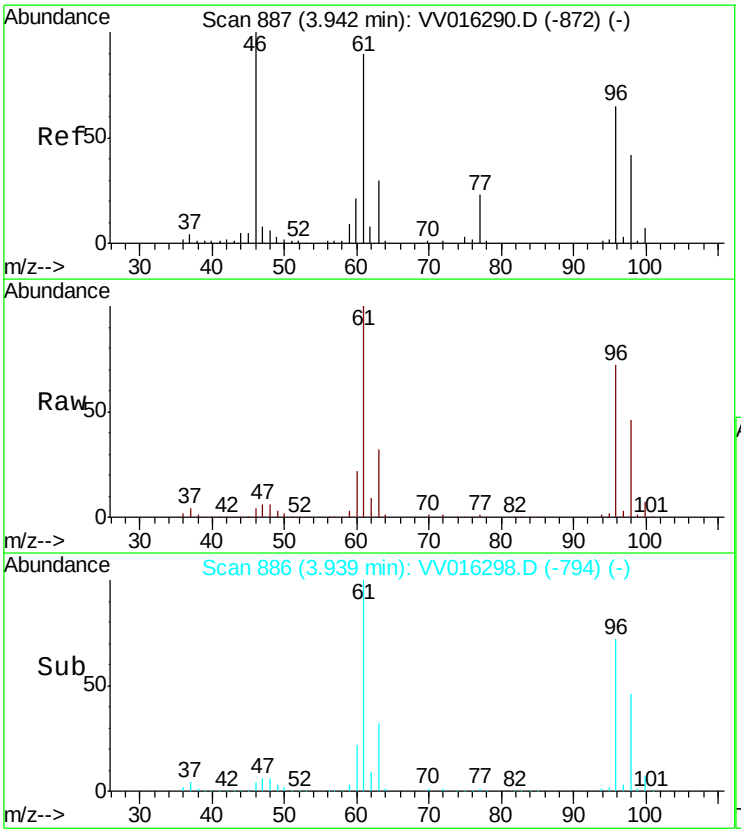
#19
1,1-Dichloroethane
Concen: 0.190 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 2037

Ion	Ratio	Lower	Upper
63	100		
65	29.0	22.3	41.5
83	19.1	9.4	17.4#

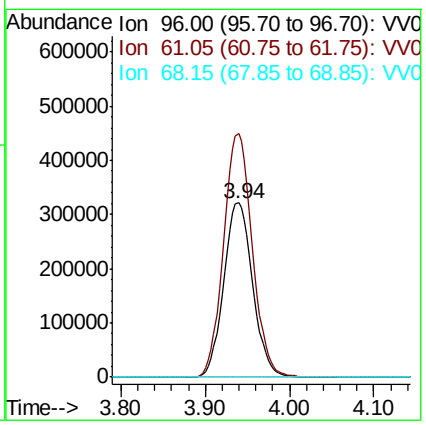


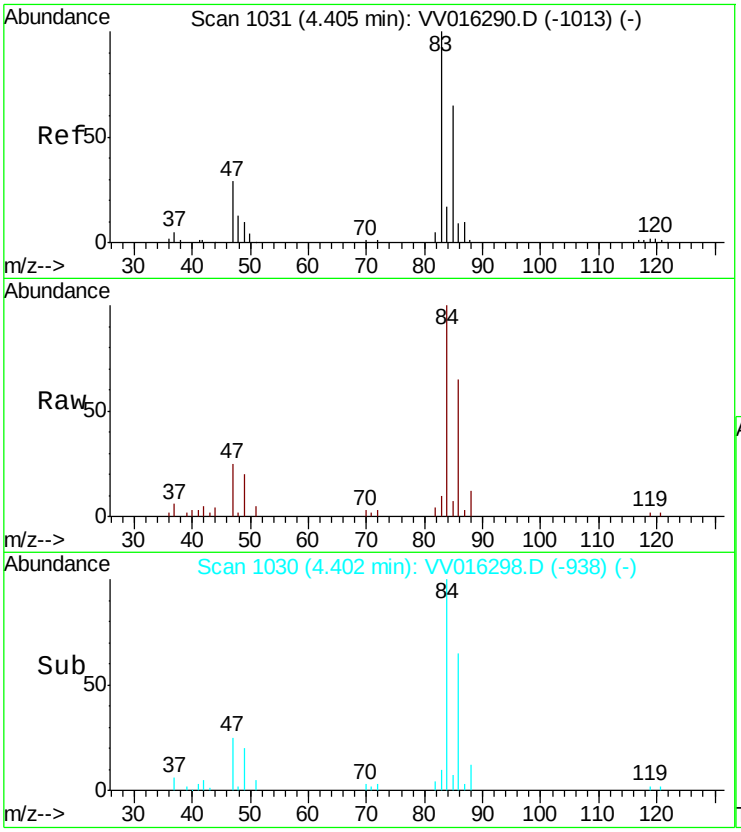


#22
cis-1,2-Dichloroethene
Concen: 114.539 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 96 Resp: 764322

Ion	Ratio	Lower	Upper
96	100		
61	139.6	99.7	185.1
68	0.0	0.0	0.0



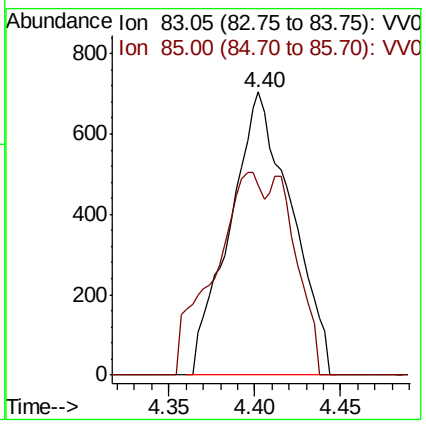


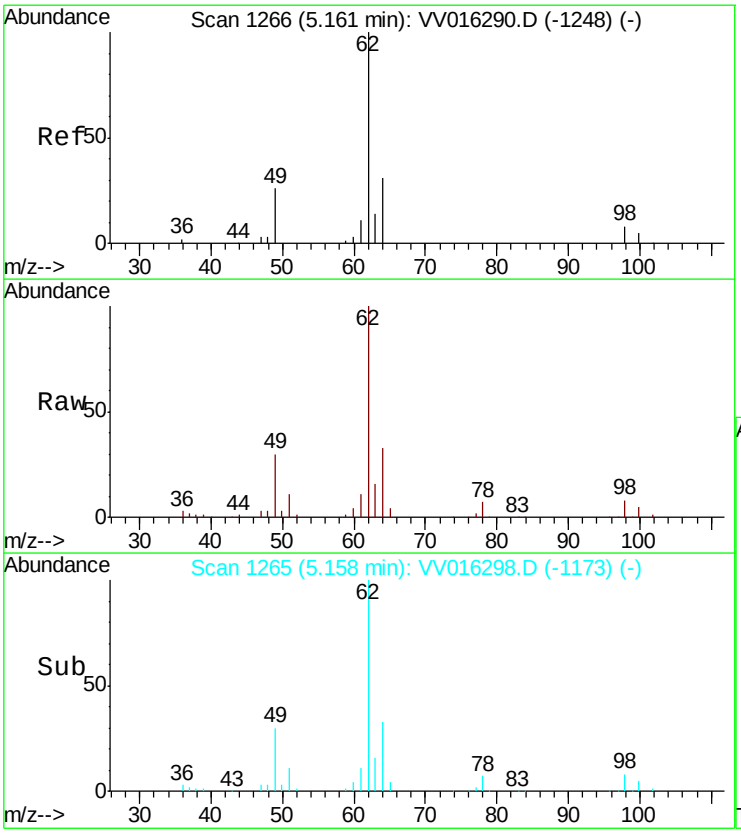
#25
Chloroform
Concen: 0.154 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1752

Ion	Ratio	Lower	Upper
83	100		
85	67.2	45.1	83.7

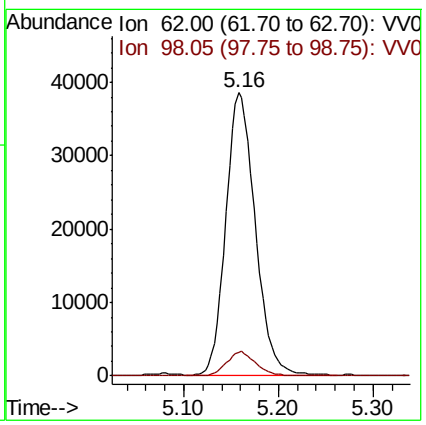


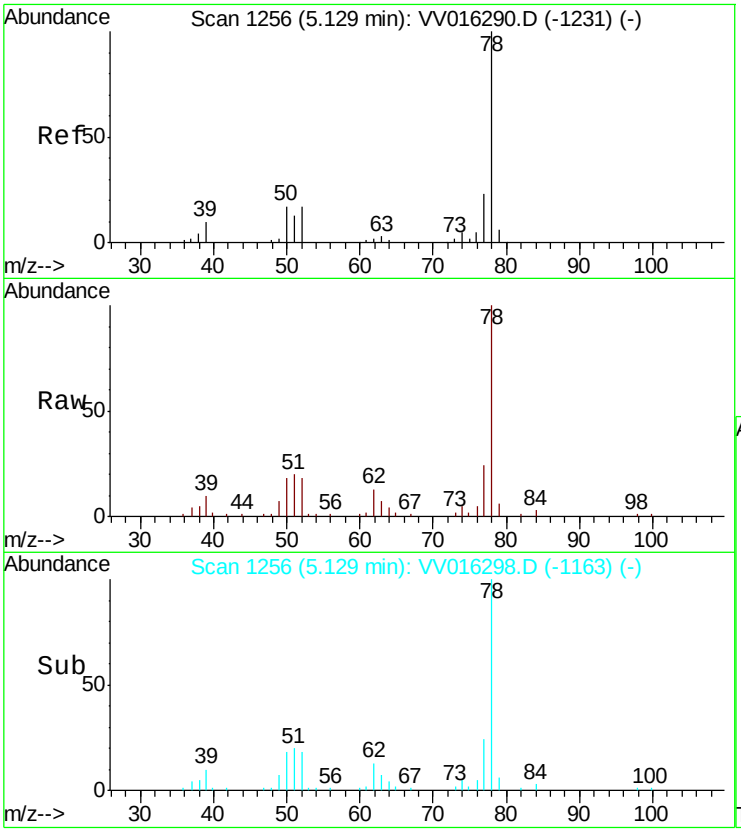


#27
1,2-Dichloroethane
Concen: 11.181 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 62 Resp: 82919

Ion	Ratio	Lower	Upper
62	100		
98	8.5	5.7	8.5

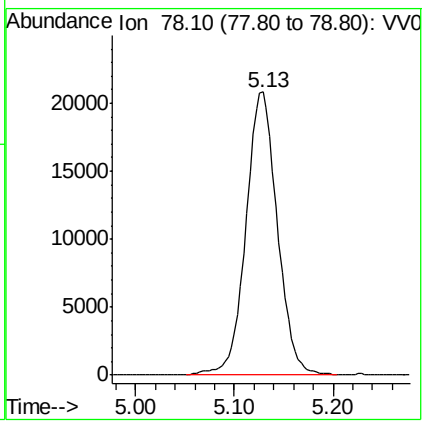


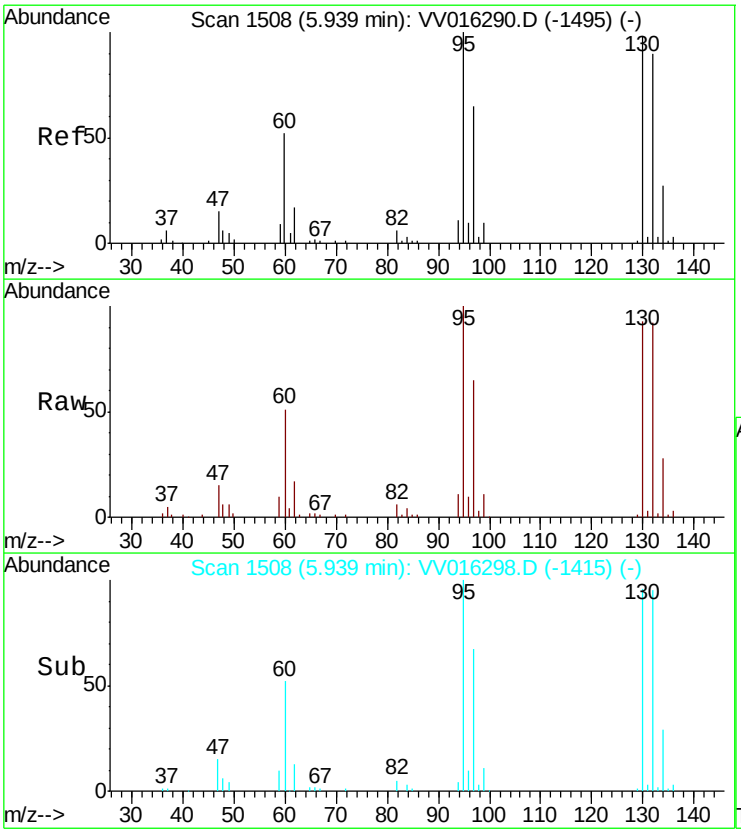


#33
Benzene
Concen: 1.866 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 45746

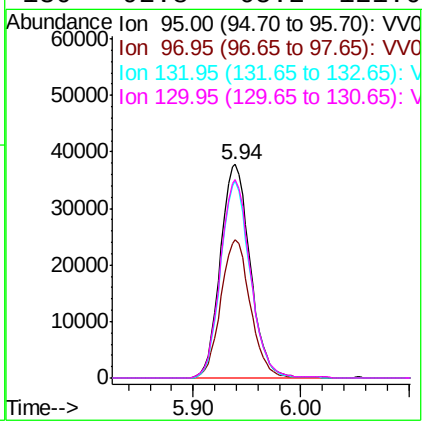


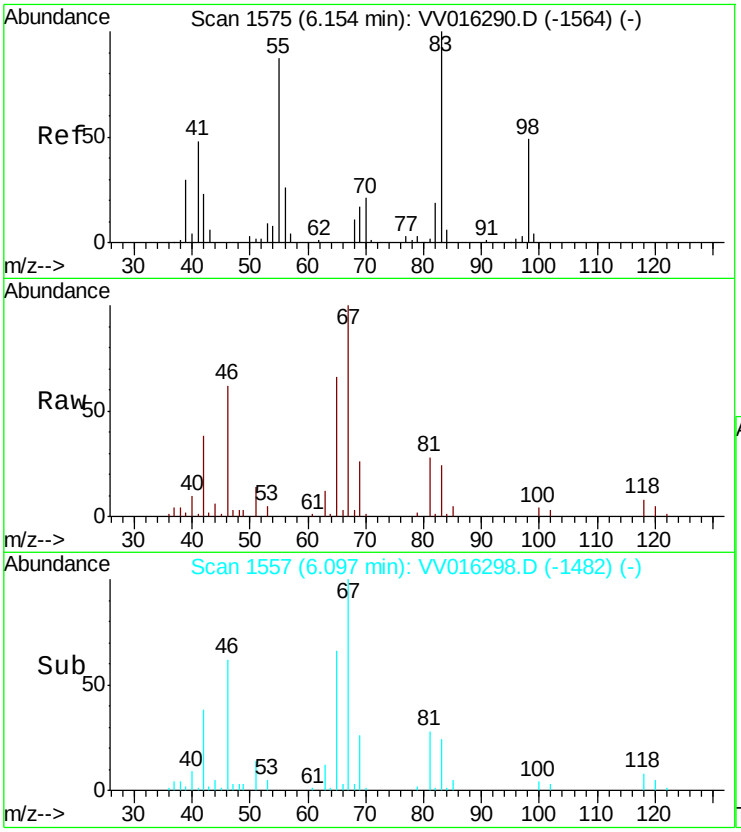


#34
Trichloroethene
Concen: 11.403 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 95 Resp: 72815

Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.6	81.0
132	92.2	63.9	118.7
130	92.8	65.2	121.0



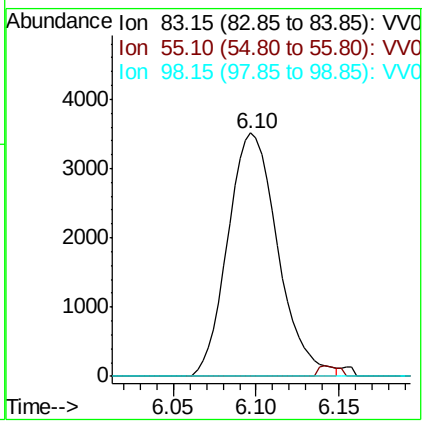


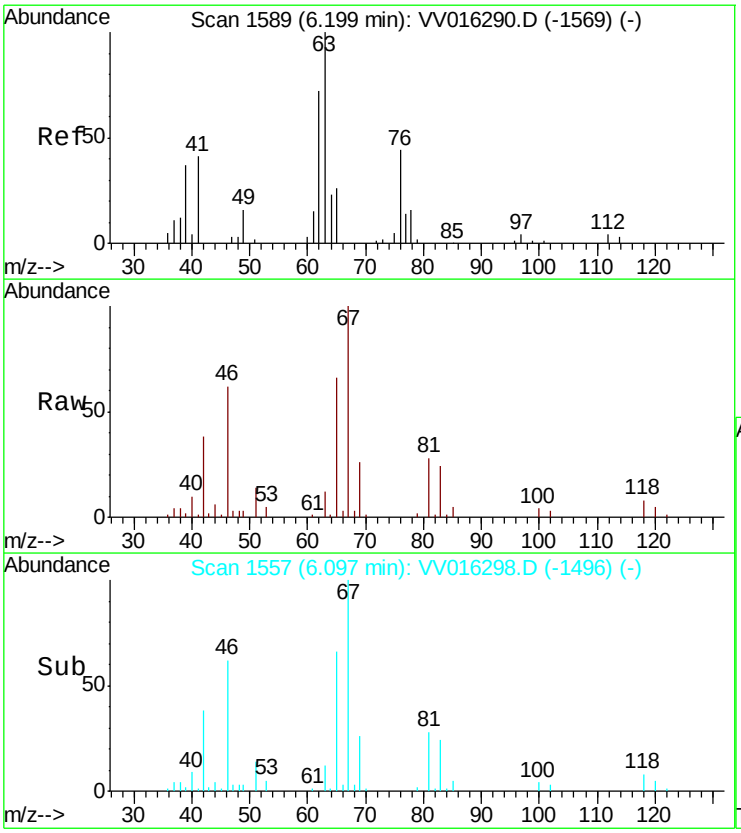
#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7380

Ion	Ratio	Lower	Upper
83	100		
55	1.7	65.4	98.0#
98	0.0	39.3	58.9#

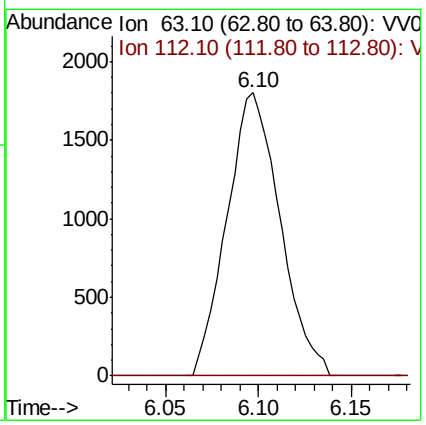


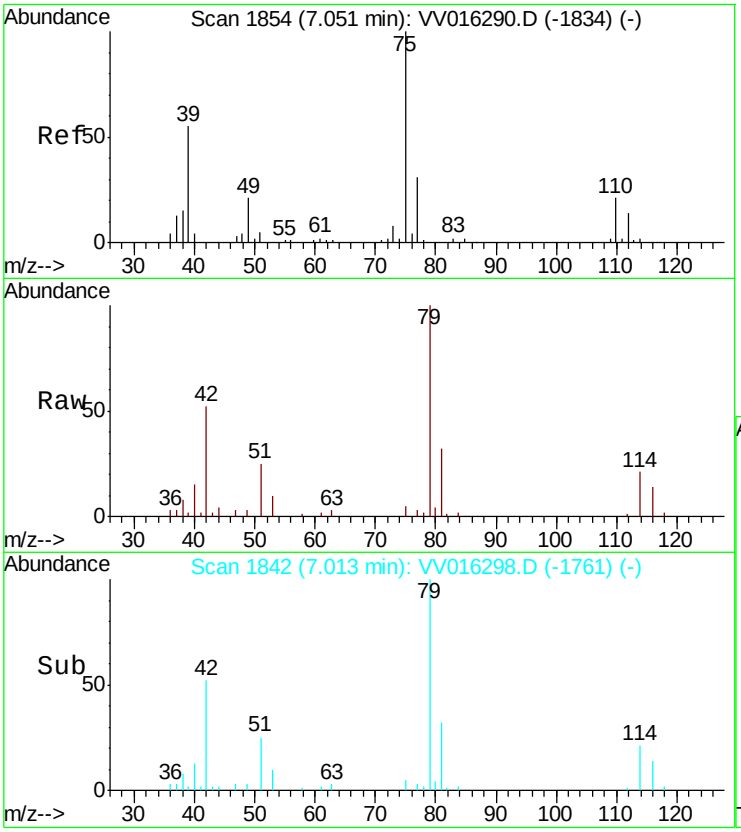


#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 63 Resp: 3607

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



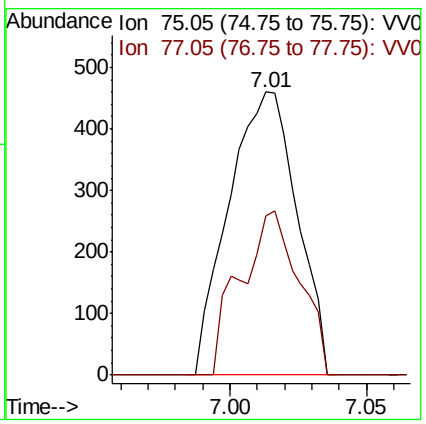


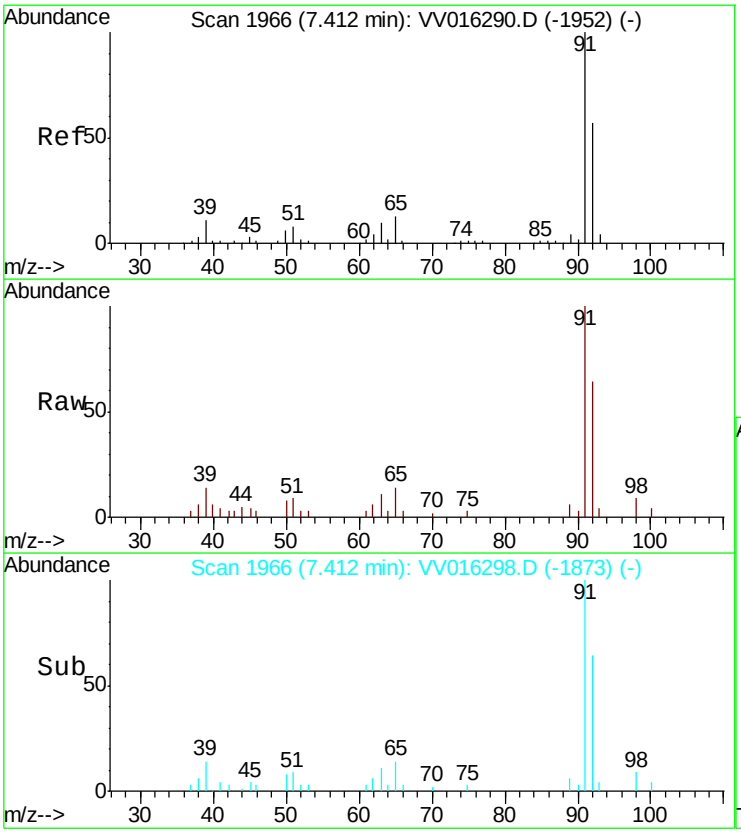
#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 799

Ion	Ratio	Lower	Upper
75	100		
77	56.1	21.7	40.3#

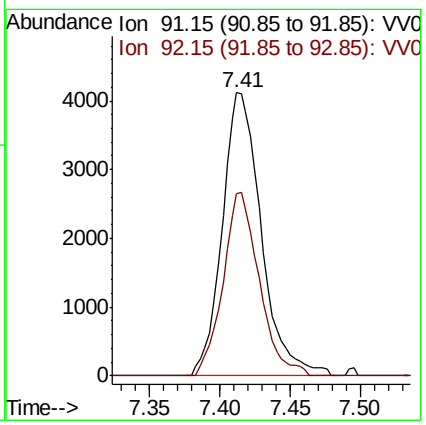


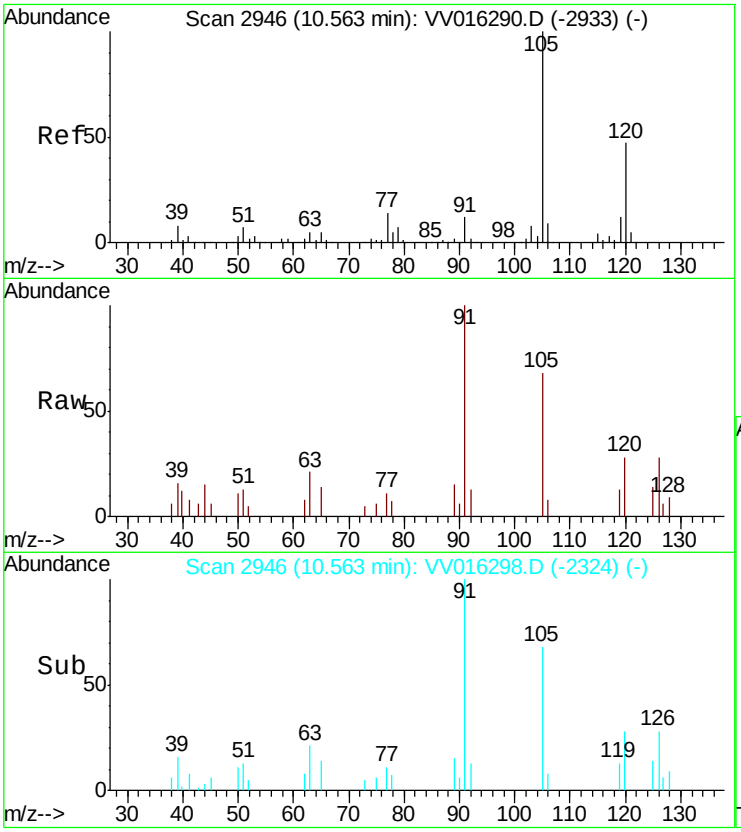


#42
Toluene
Concen: 0.298 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 91 Resp: 7966

Ion	Ratio	Lower	Upper
91	100		
92	64.3	40.9	76.0



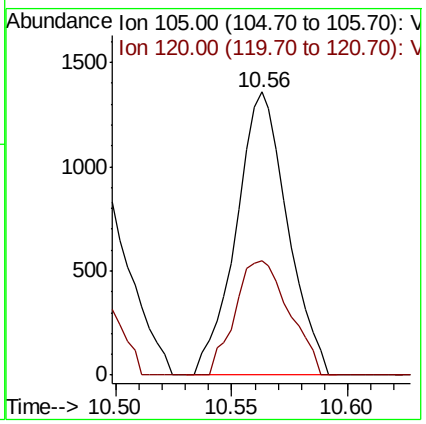


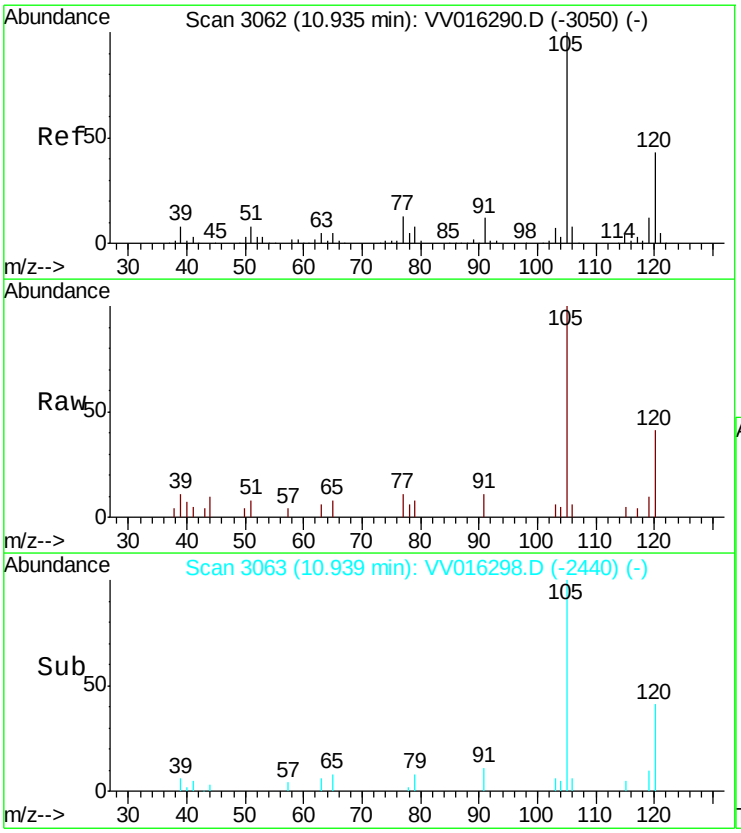
#43
1,3,5-Trimethylbenzene
Concen: 0.086 ug/L
RT: 10.56 min Scan# 2946
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 2096

Ion	Ratio	Lower	Upper
105	100		
120	42.6	37.4	56.0

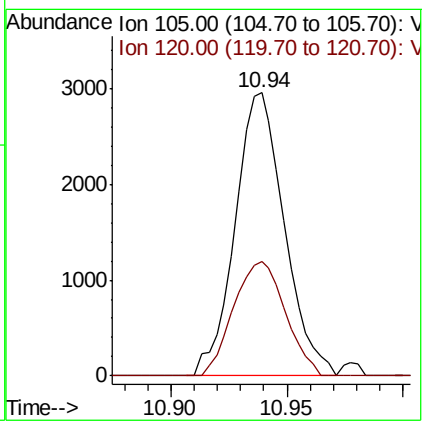


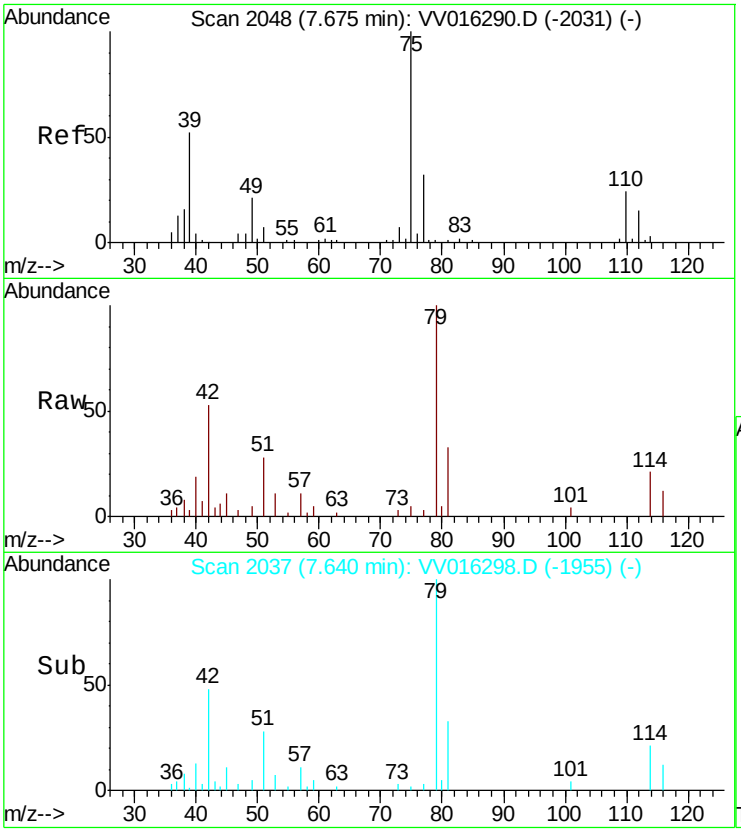


#44
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion:105 Resp: 4370

Ion	Ratio	Lower	Upper
105	100		
120	42.4	34.6	52.0



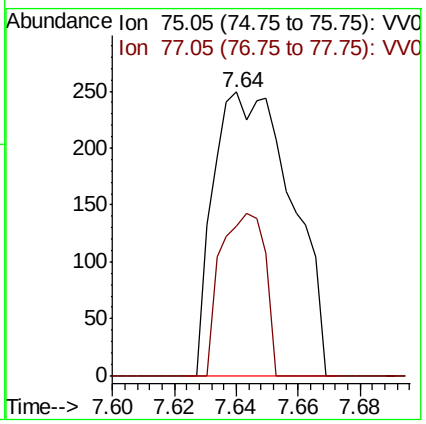


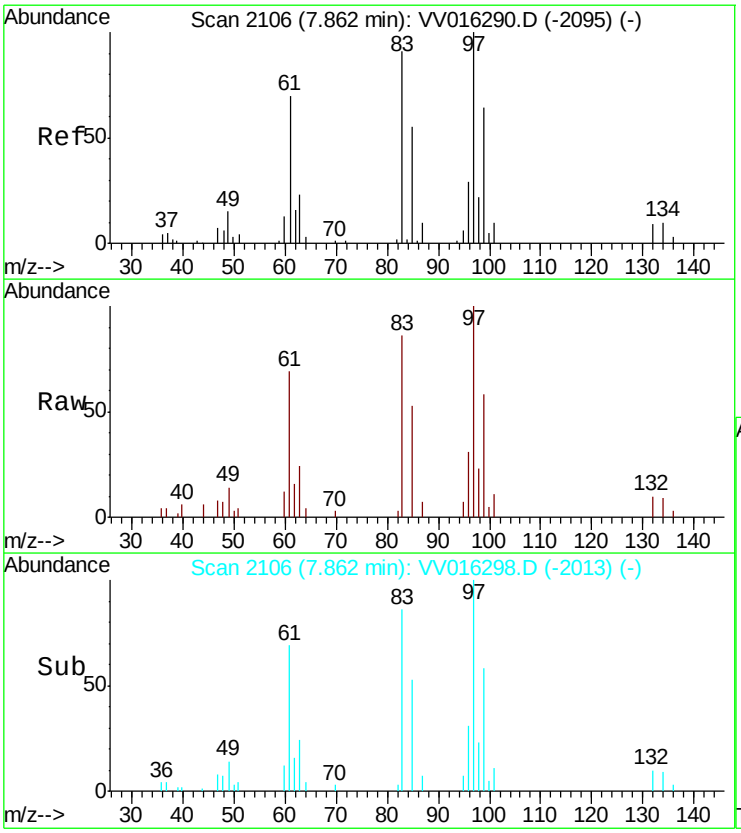
#46
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.04 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 439

Ion	Ratio	Lower	Upper
75	100		
77	52.6	21.7	40.3#

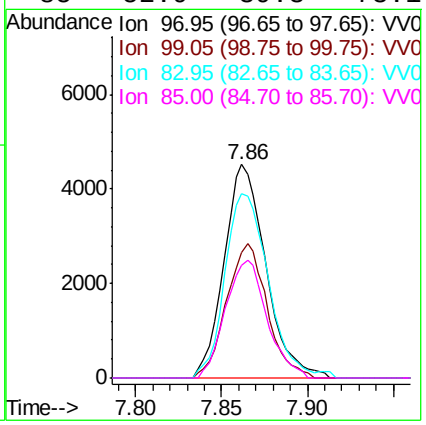


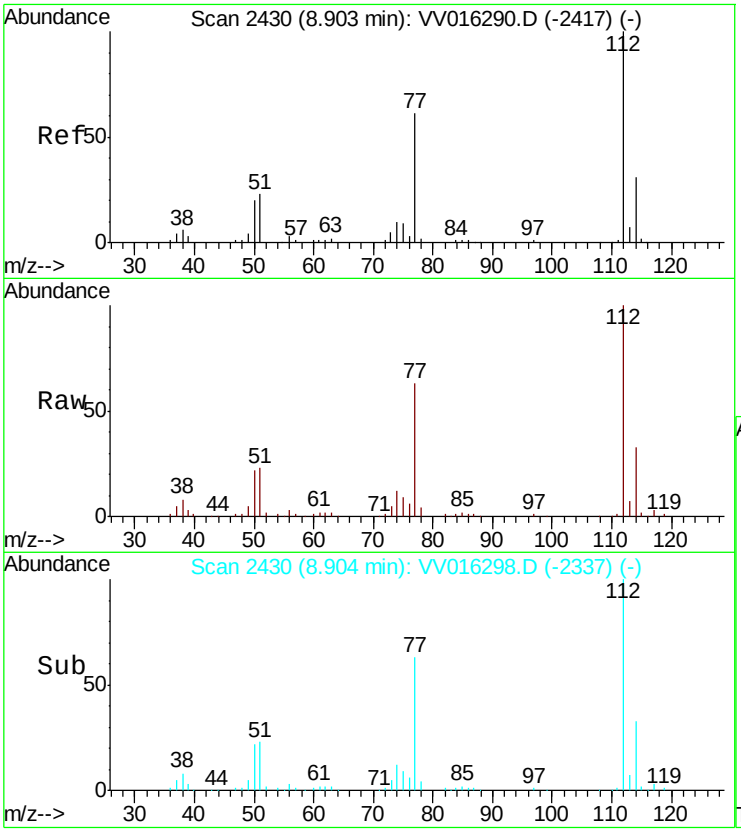


#47
1,1,2-Trichloroethane
Concen: 1.931 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 97 Resp: 7634

Ion	Ratio	Lower	Upper
97	100		
99	58.5	40.8	75.8
83	86.2	60.0	111.4
85	52.9	39.3	73.1



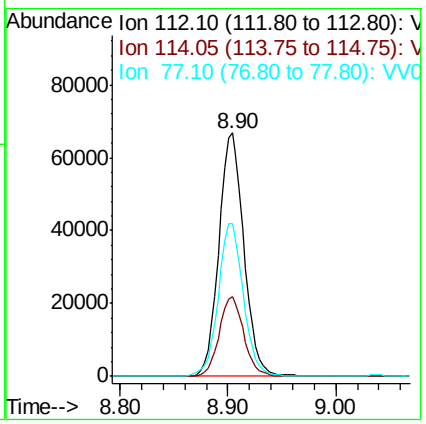


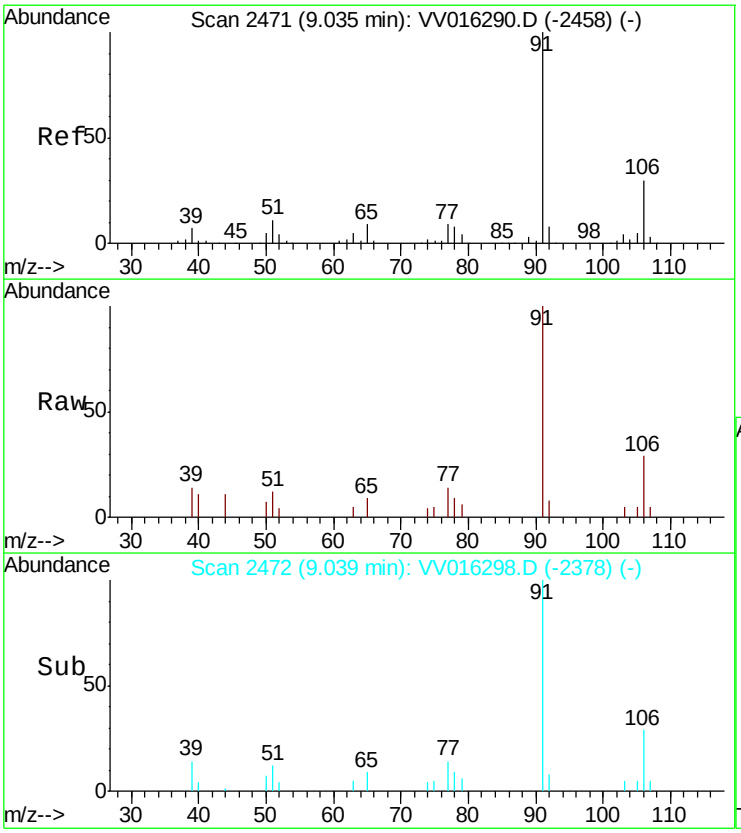
#53
Chlorobenzene
Concen: 6.513 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 107584

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.3
77	62.9	50.7	76.1

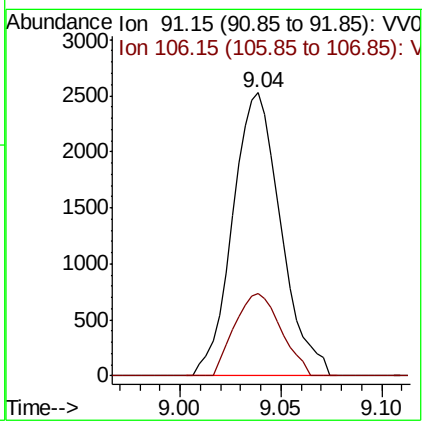


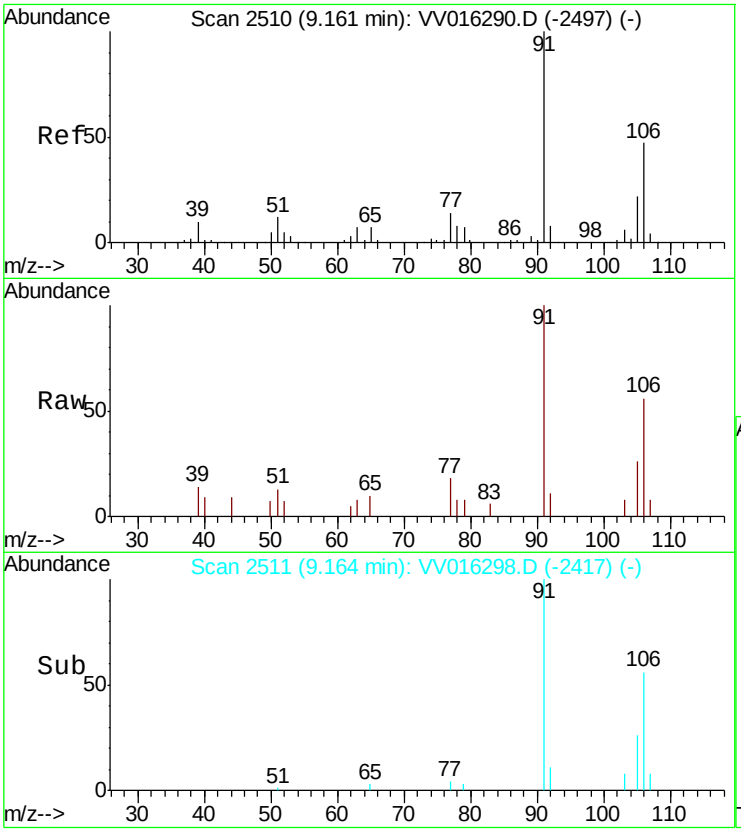


#54
Ethylbenzene
Concen: 0.142 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 91 Resp: 4222

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.0	39.0



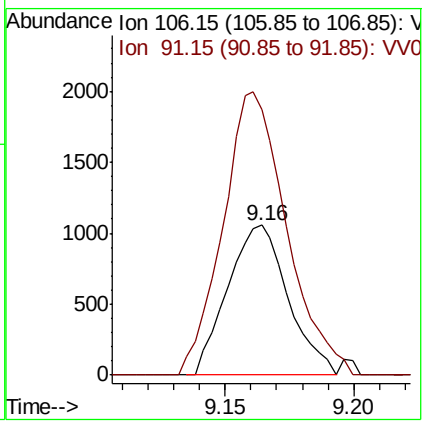


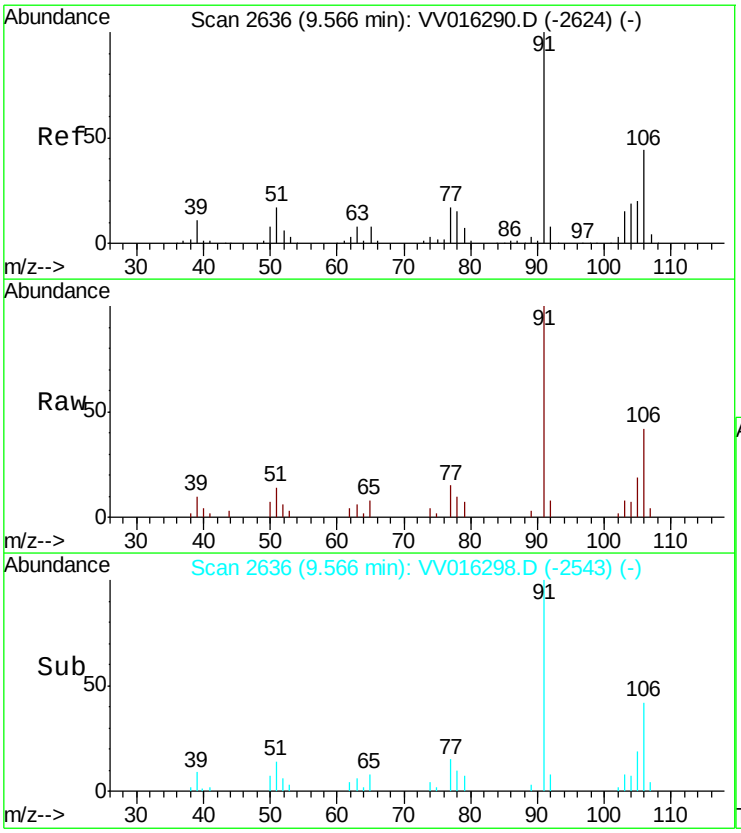
#55
m,p-xylene
Concen: 0.154 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1718

Ion	Ratio	Lower	Upper
106	100		
91	177.4	148.1	275.0

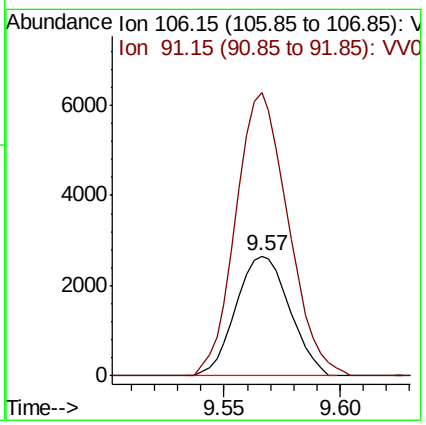


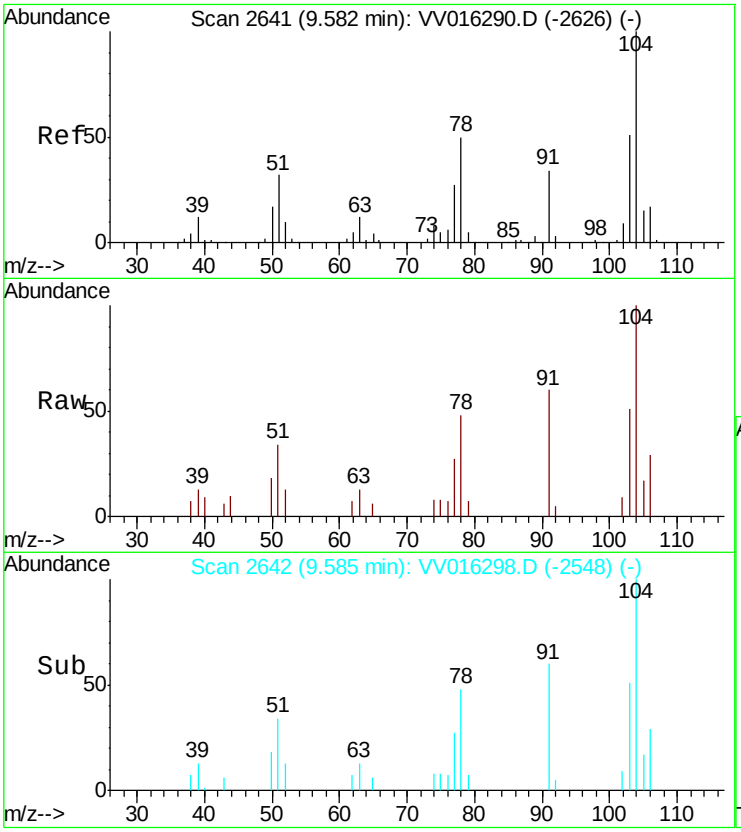


#56
o-xylene
Concen: 0.402 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion:106 Resp: 4277

Ion	Ratio	Lower	Upper
106	100		
91	236.0	158.8	294.8



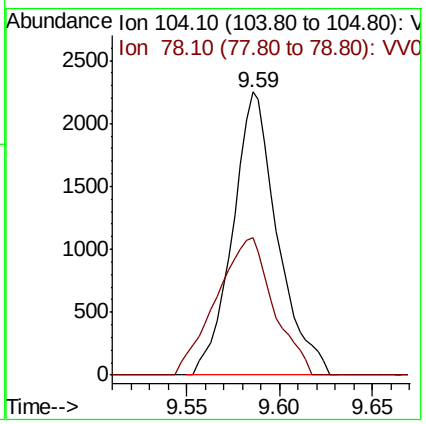


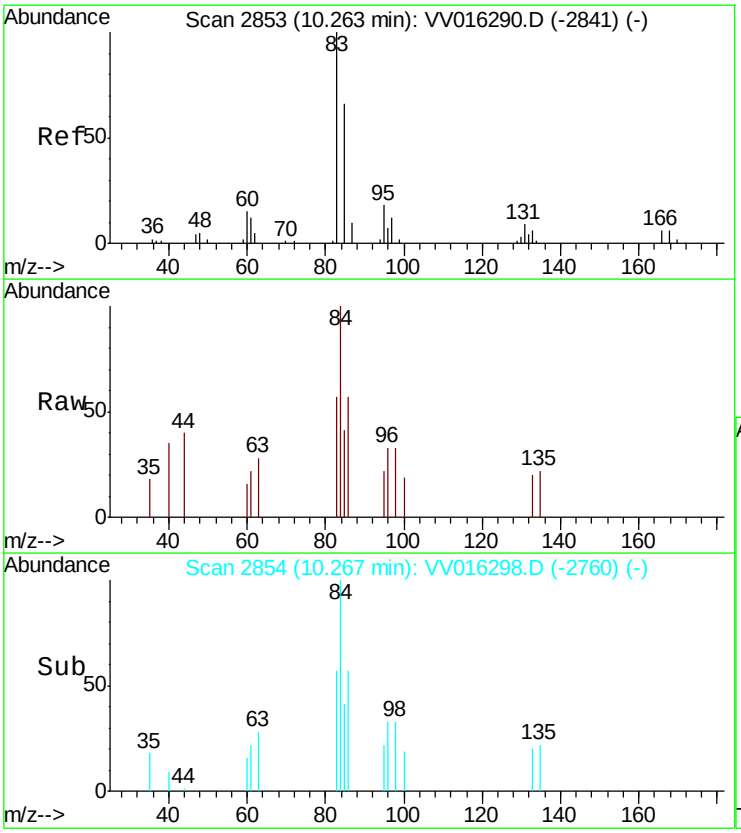
#57
Stvrene
Concen: 0.213 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 3777

Ion	Ratio	Lower	Upper
104	100		
78	48.5	33.2	61.7

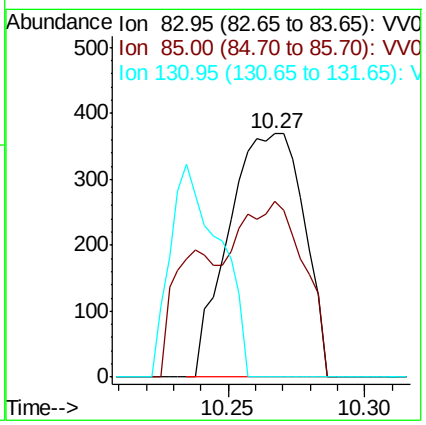


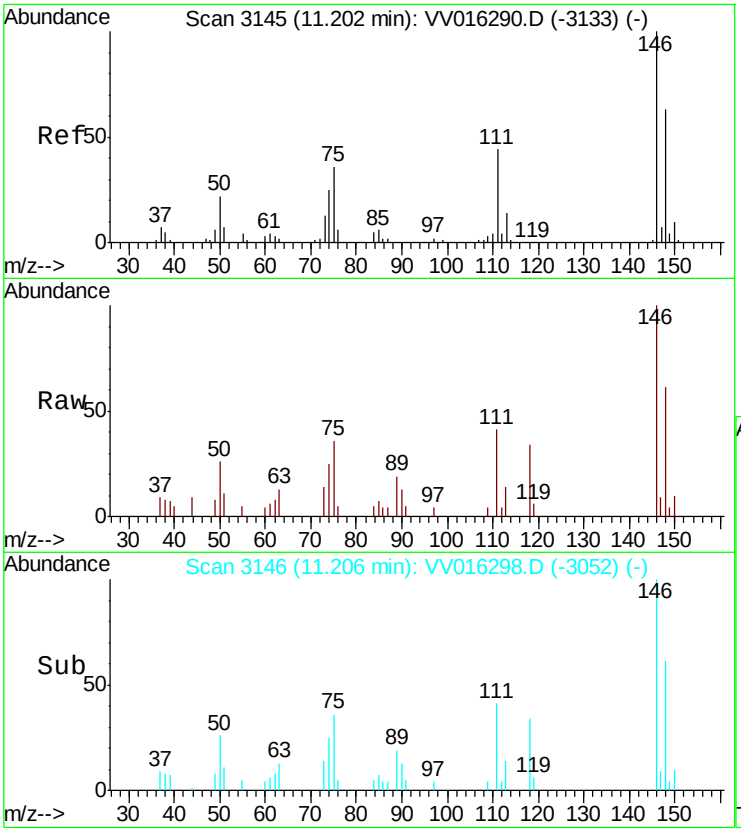


#60
1,1,2,2-Tetrachloroethane
Concen: 0.143 ug/L
RT: 10.27 min Scan# 2854
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion: 83 Resp: 705

Ion	Ratio	Lower	Upper
83	100		
85	72.1	45.6	84.8
131	0.0	7.9	11.9#



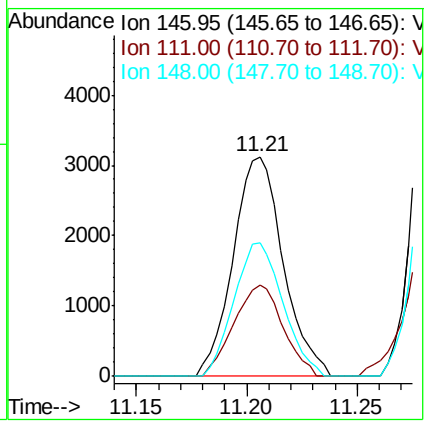


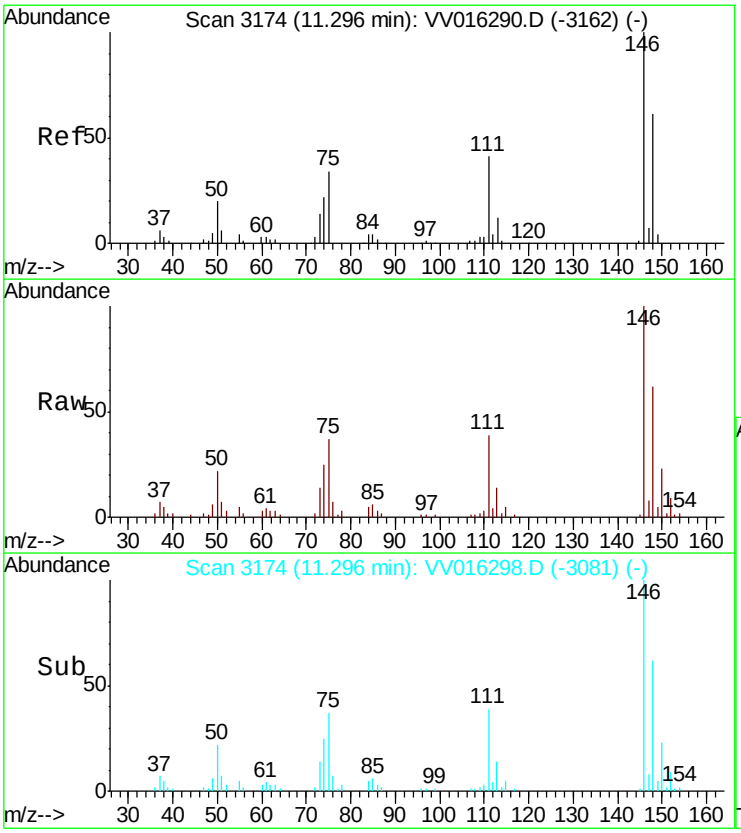
#63
1,3-Dichlorobenzene
Concen: 0.401 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 4918

Ion	Ratio	Lower	Upper
146	100		
111	41.5	29.7	55.1
148	61.0	45.9	85.3

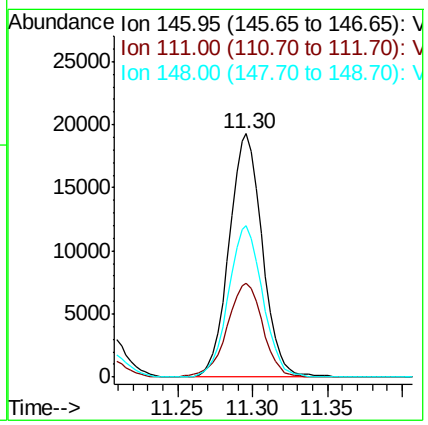


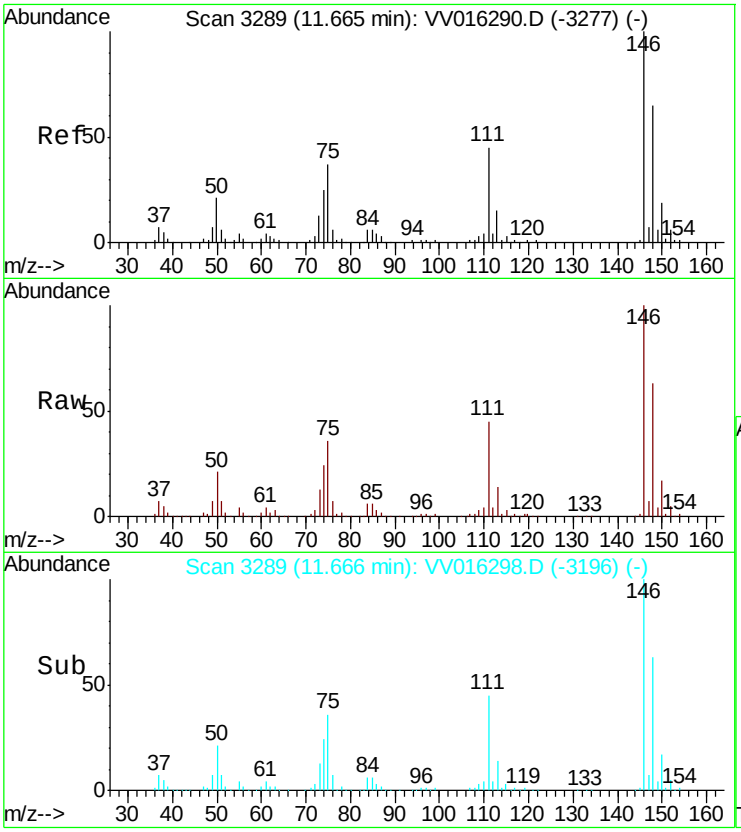


#64
1,4-Dichlorobenzene
Concen: 2.390 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion:146 Resp: 29785

Ion	Ratio	Lower	Upper
146	100		
111	38.7	28.3	52.7
148	62.0	43.3	80.3



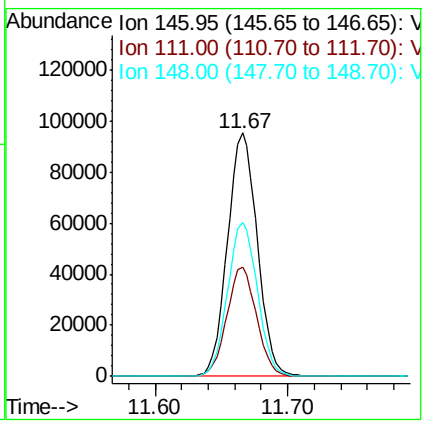


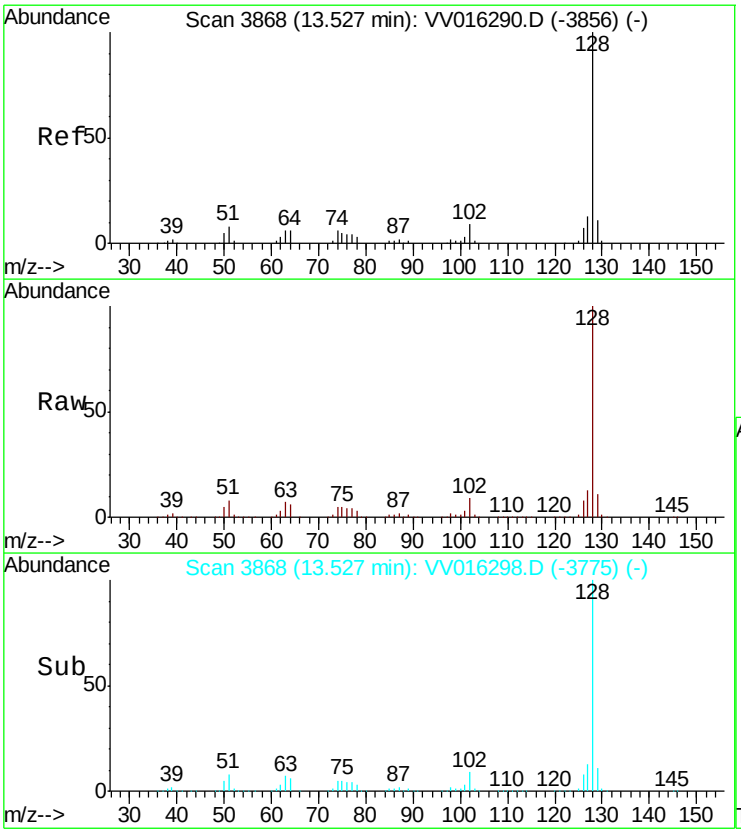
#66
1,2-Dichlorobenzene
Concen: 13.419 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 148765

Ion	Ratio	Lower	Upper
146	100		
111	44.8	35.7	53.5
148	63.1	51.3	76.9





#70
Naphthalene
Concen: 172.671 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016298.D
Acq: 29 May 2020 00:42

Tgt Ion:128 Resp: 2875201

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.2	10.6	15.8