Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016310.D
Acq On : 29 May 2020 05:33
Operator : SY/MD
Sample : L2662-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 29 06:33:37 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	117707	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	110074	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	58086	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28528	3.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.40%			
7) Chloroethane-d5	1.58	69	22740	3.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.40%			
11) 1,1-Dichloroethene-d2	2.13	63	44596	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	3.95	46	91001	48.53	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.06%			
24) Chloroform-d	4.38	84	62894	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.06	65	35539	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
32) Benzene-d6	5.07	84	130198	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.10	67	39003	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.34	98	120031	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
45) trans-1,3-Dichloropropene-	7.65	79	13033	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
48) 2-Hexanone-d5	8.12	63	75873	52.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.22%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28057	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	46190	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	4437	0.430	ug/L	89
8) Chloroethane	1.32	64	1445	0.251	ug/L	92
12) 1,1-Dichloroethene	2.14	96	791	0.114	ug/L #	1
13) Acetone	2.23	43	20838	17.952	ug/L	94
14) Carbon disulfide	2.31	76	3238	0.150	ug/L #	90
15) Methyl Acetate	2.23	43	20416	6.883	ug/L #	53
22) cis-1,2-Dichloroethene	3.94	96	19876	2.212	ug/L	92
25) Chloroform	4.41	83	3870	0.253	ug/L	89
27) 1,2-Dichloroethane	5.12	62	711	0.071	ug/L #	79
33) Benzene	5.13	78	119222	3.764	ug/L	100
34) Trichloroethene	5.94	95	73984	8.966	ug/L	98
35) Methylcyclohexane	6.10	83	9853	0.708	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	4716	0.607	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1105	0.100	ug/L #	78
42) Toluene	7.41	91	421740	12.209	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	142884	4.544	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	304618	9.405	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016310.D
Acq On : 29 May 2020 05:33
Operator : SY/MD
Sample : L2662-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 29 06:33:37 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)
46) trans-1,3-Dichloropropene	7.64	75	588	0.064	ug/L	#	79
47) 1,1,2-Trichloroethane	7.72	97	3461	0.677	ug/L	#	18
50) 2-Hexanone	8.12	43	9560	2.836	ug/L	#	74
53) Chlorobenzene	8.91	112	1831	0.086	ug/L		97
54) Ethylbenzene	9.03	91	458008	11.895	ug/L		100
55) m,p-xylene	9.16	106	173586	12.023	ug/L		98
56) o-xylene	9.56	106	118154	8.587	ug/L		99
57) Styrene	9.58	104	27373	1.195	ug/L		82
58) Isopropylbenzene	9.95	105	29741	0.789	ug/L		98
66) 1,2-Dichlorobenzene	11.67	146	1226	0.077	ug/L	#	88
67) 1,2-Dibromo-3-chloropropan	12.49	75	23518	21.730	ug/L	#	9

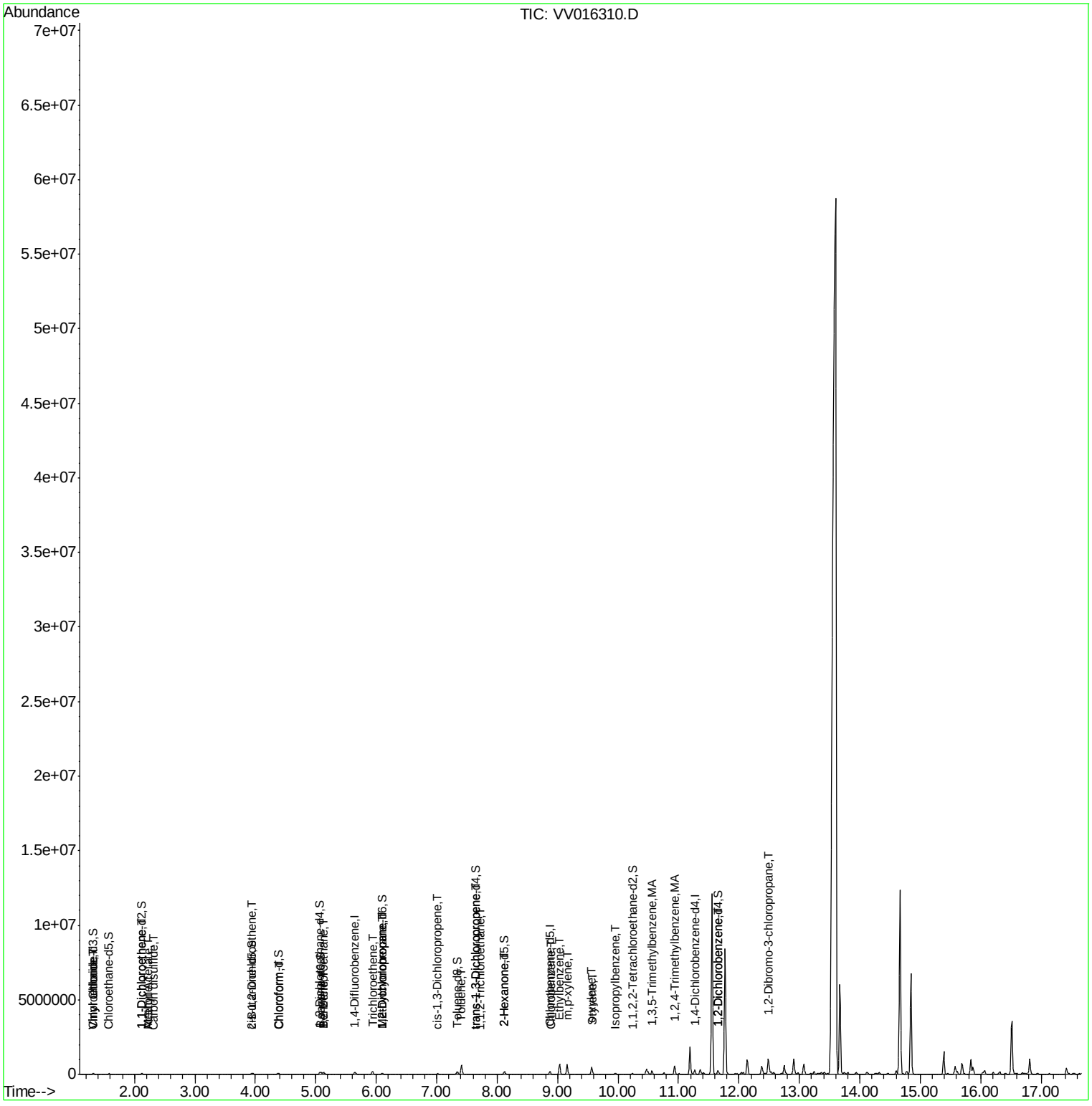
(#) = qualifier out of range (m) = manual integration (+) = signals summed

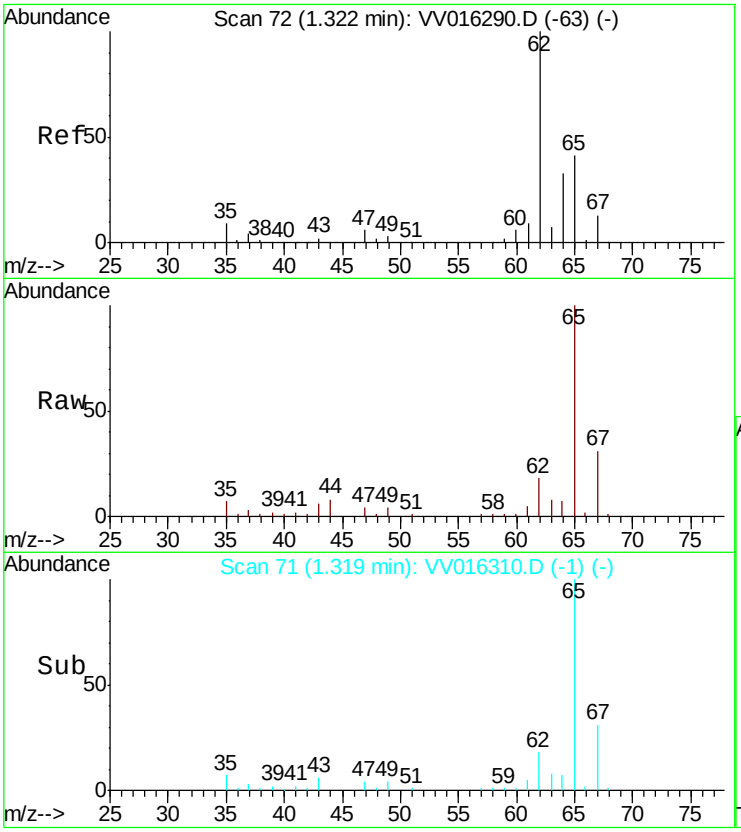
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016310.D
Acq On : 29 May 2020 05:33
Operator : SY/MD
Sample : L2662-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 29 06:33:37 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



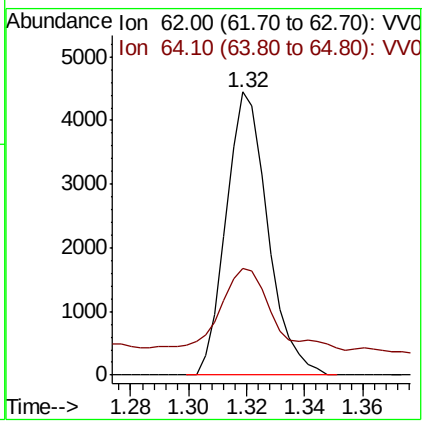


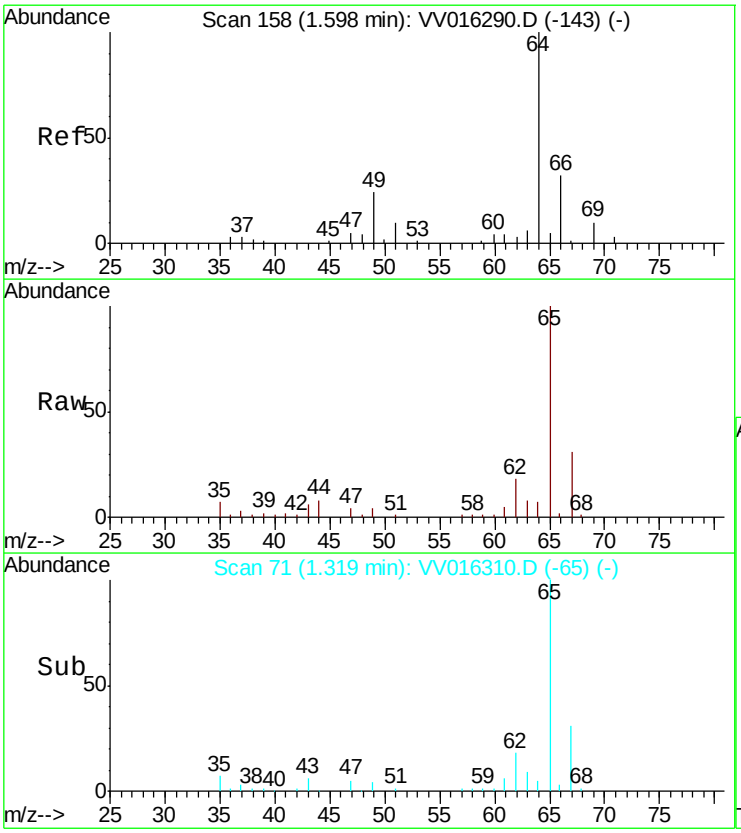
#5
Vinyl chloride
Concen: 0.430 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 4437

Ion	Ratio	Lower	Upper
62	100		
64	37.9	22.1	41.1

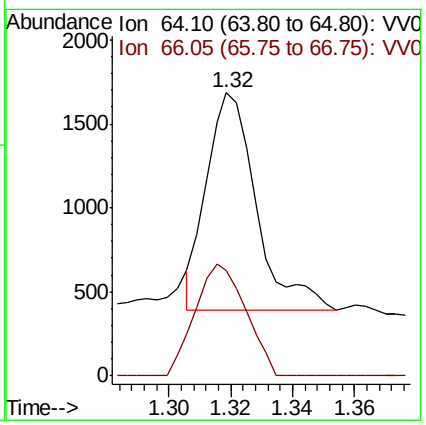


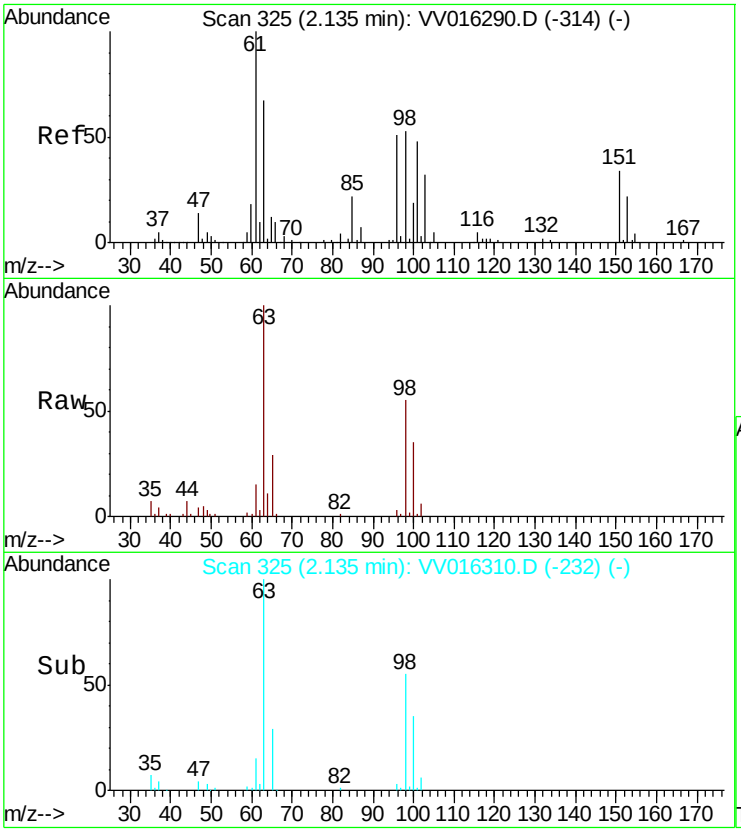


#8
Chloroethane
Concen: 0.251 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 64 Resp: 1445

Ion	Ratio	Lower	Upper
64	100		
66	37.2	22.9	42.5



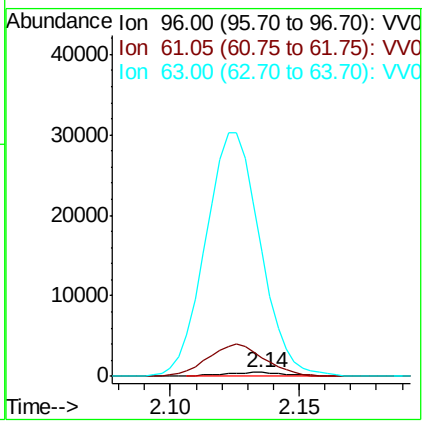


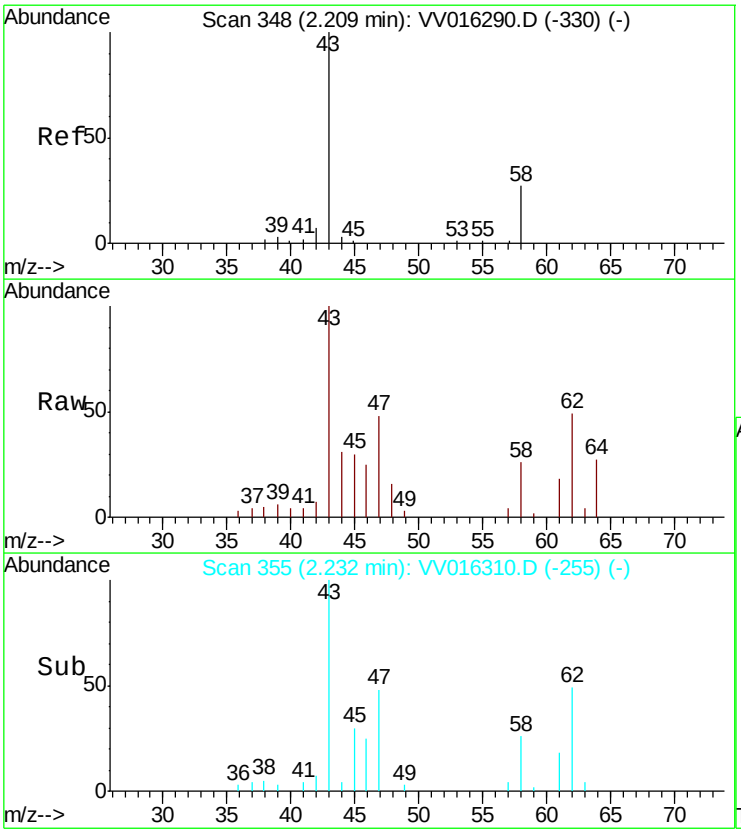
#12
1,1-Dichloroethene
Concen: 0.114 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 791

Ion	Ratio	Lower	Upper
96	100		
61	496.8	124.9	231.9#
63	3288.5	80.4	149.2#

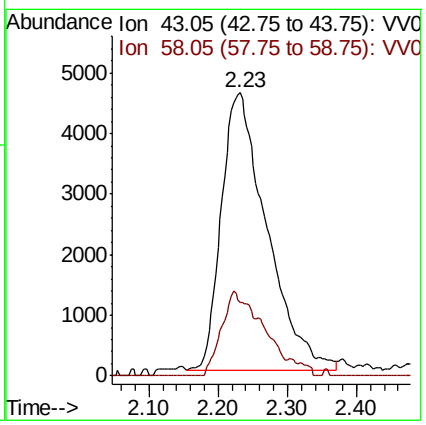


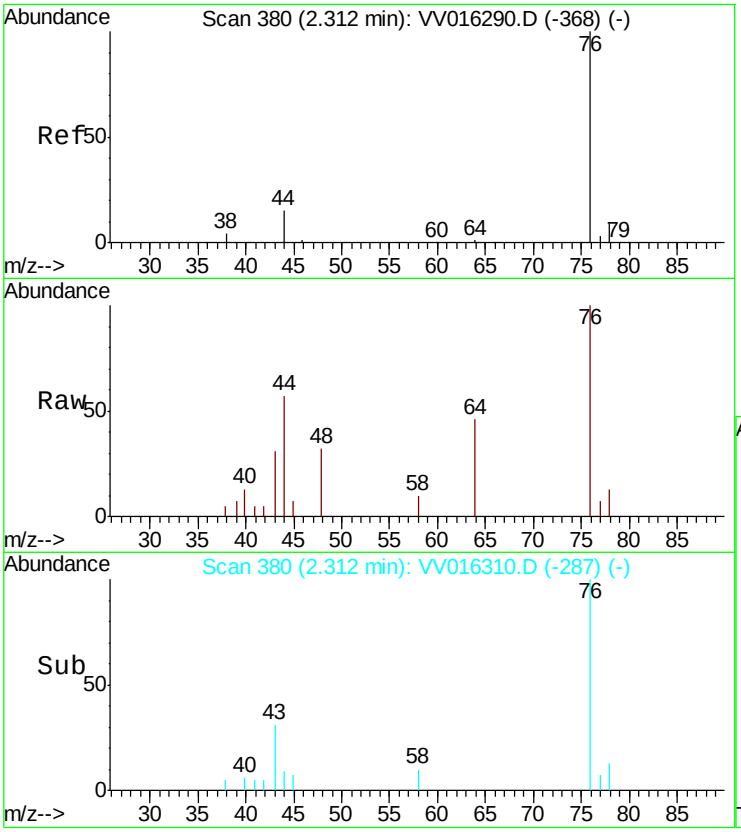


#13
Acetone
Concen: 17.952 ug/L
RT: 2.23 min Scan# 355
Delta R.T. 0.02 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 43 Resp: 20838

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	48.8



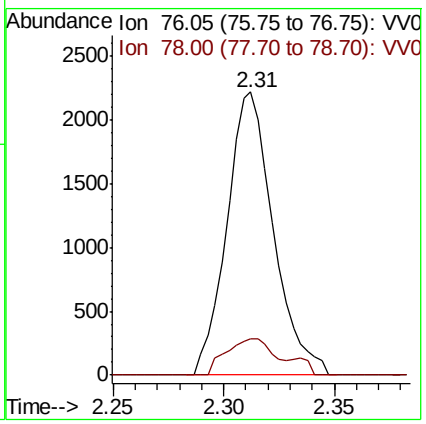


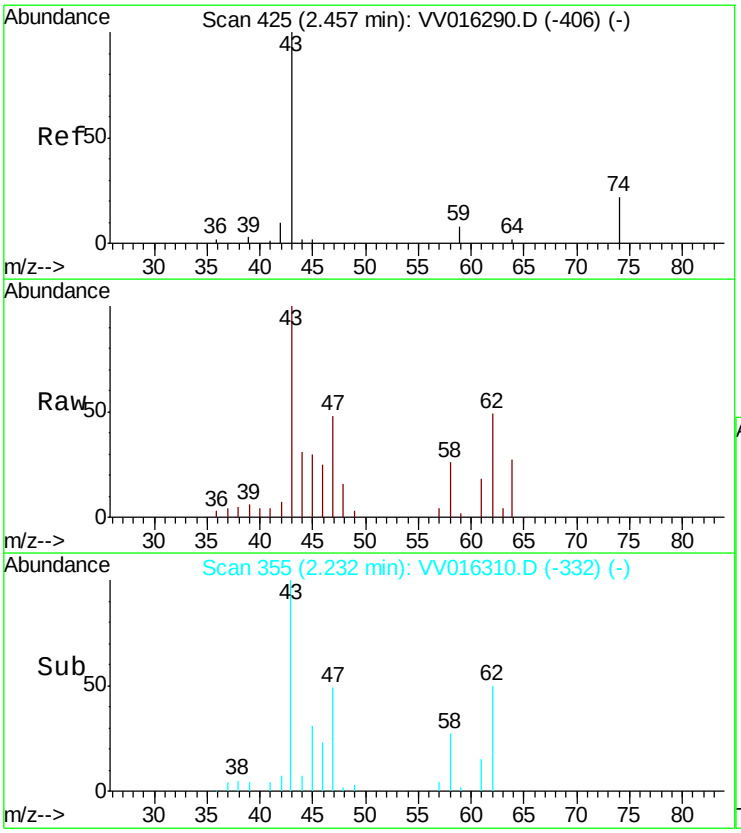
#14
Carbon disulfide
Concen: 0.150 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 3238

Ion	Ratio	Lower	Upper
76	100		
78	12.9	7.4	11.0#

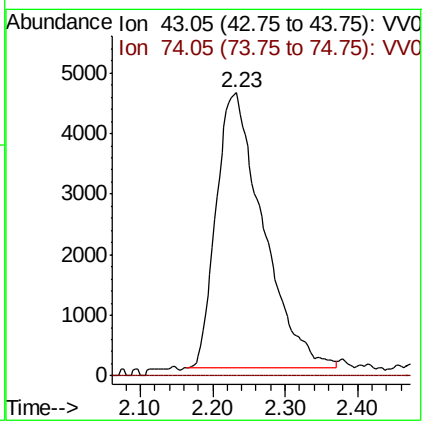


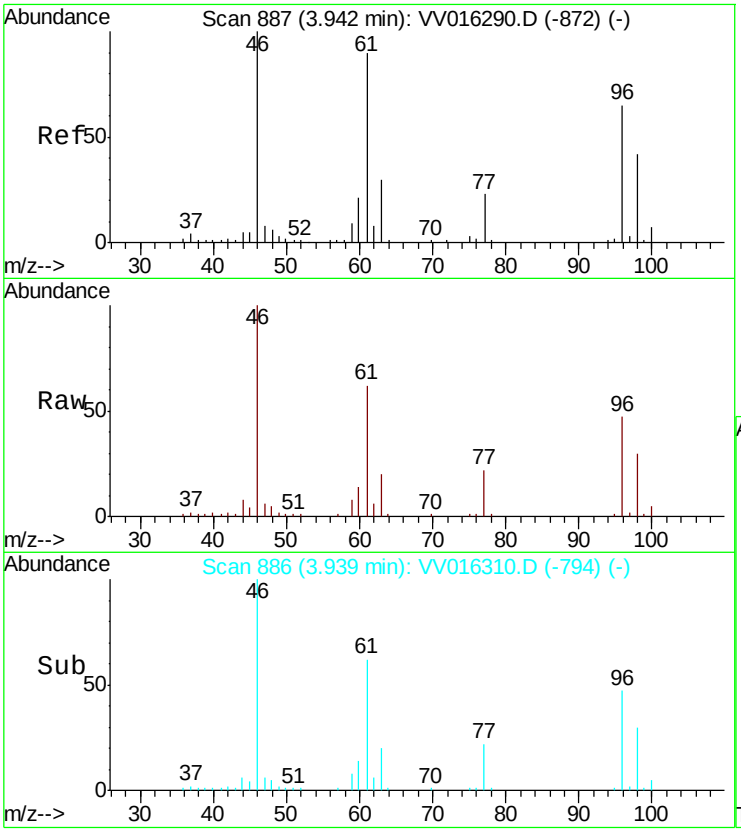


#15
Methyl Acetate
Concen: 6.883 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.22 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 43 Resp: 20416

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.1	27.1#



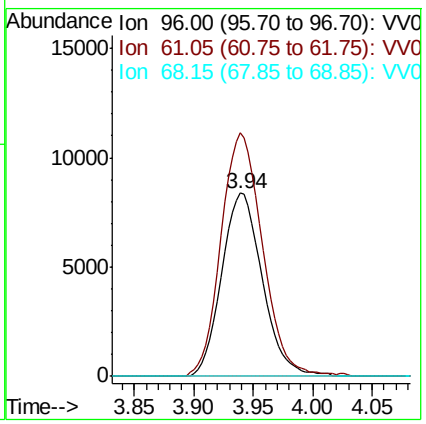


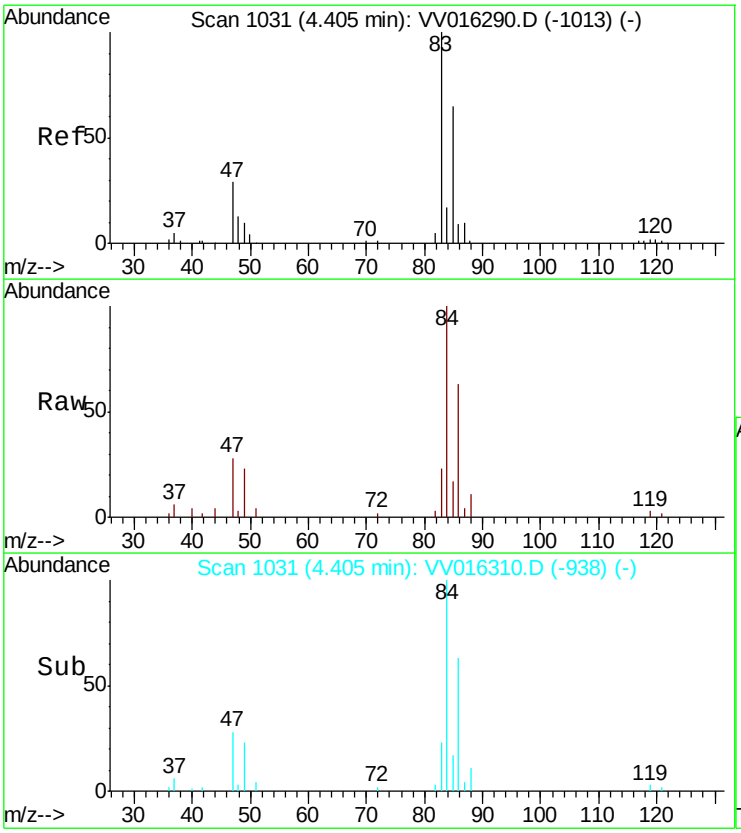
#22
cis-1,2-Dichloroethene
Concen: 2.212 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 19876

Ion	Ratio	Lower	Upper
96	100		
61	133.0	99.7	185.1
68	0.0	0.0	0.0

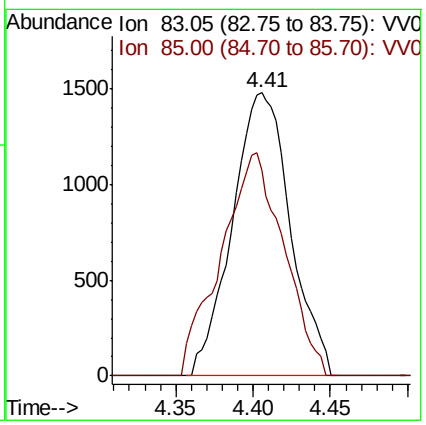


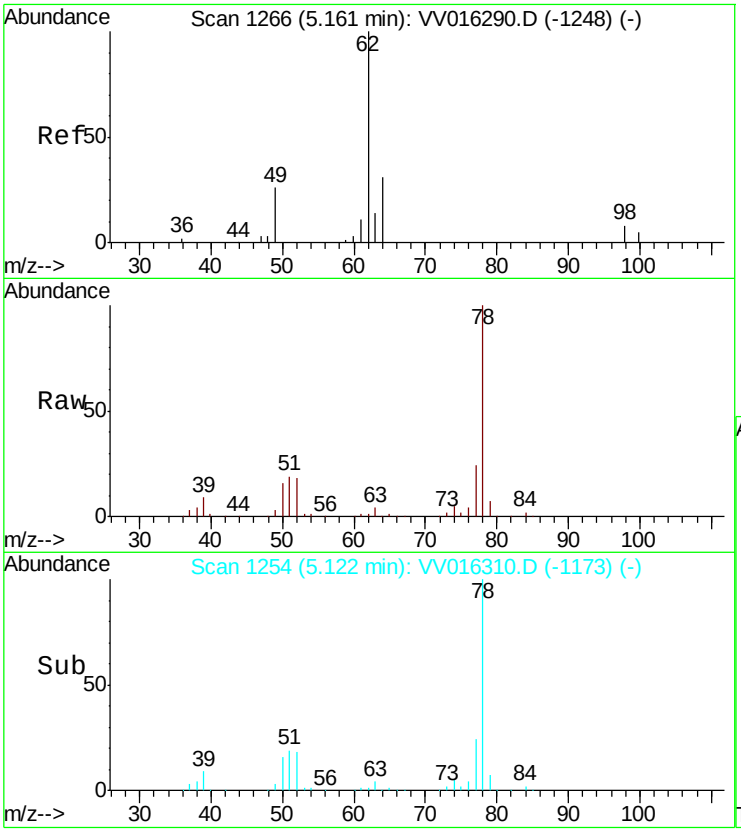


#25
Chloroform
Concen: 0.253 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 83 Resp: 3870

Ion	Ratio	Lower	Upper
83	100		
85	72.7	45.1	83.7



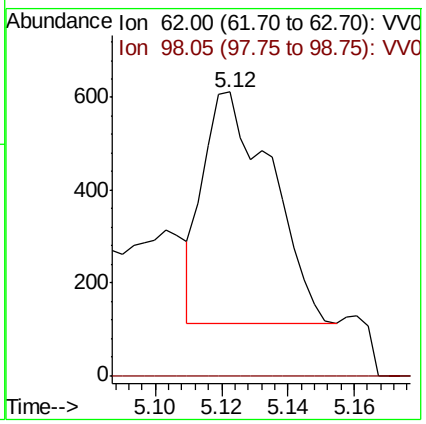


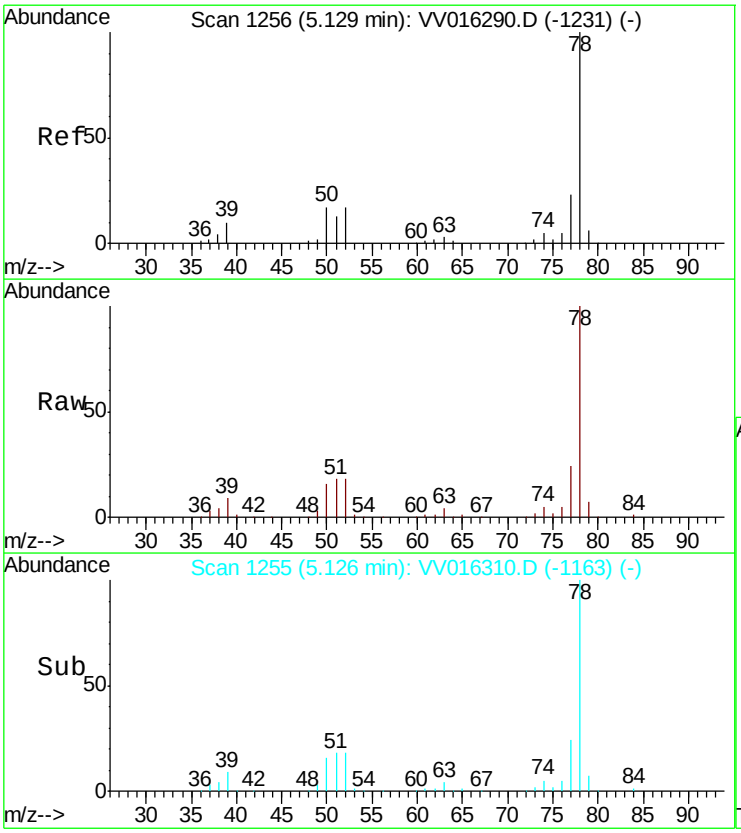
#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.04 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 711

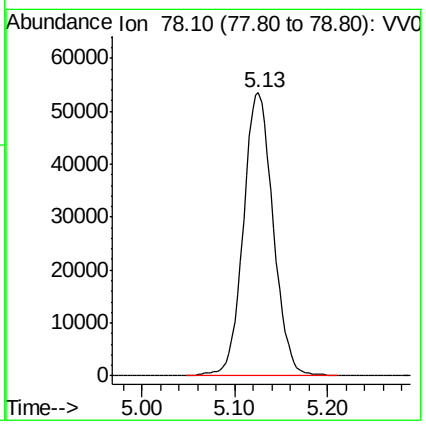
Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

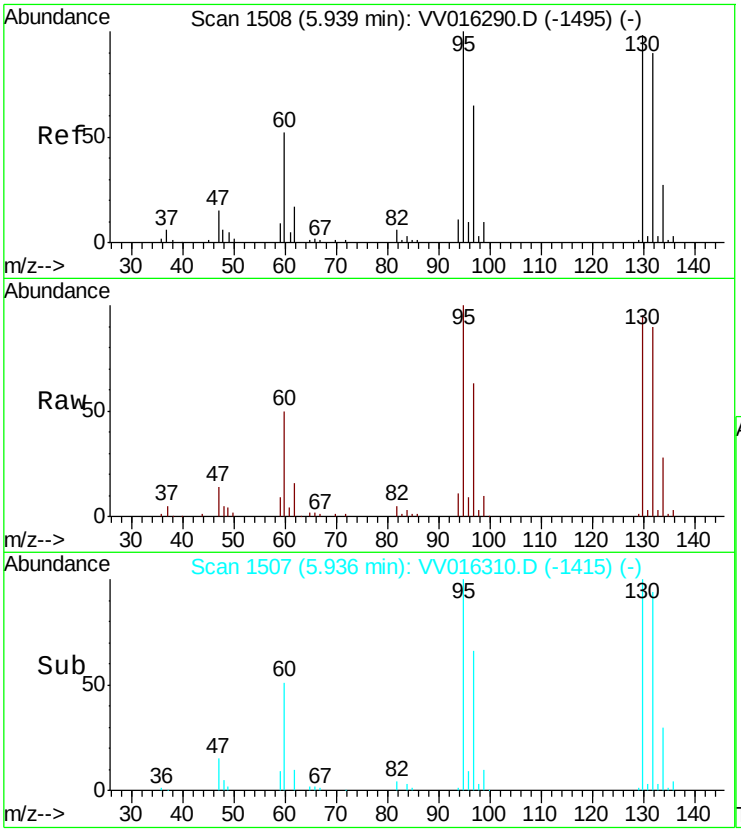




#33
Benzene
Concen: 3.764 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 78 Resp: 119222



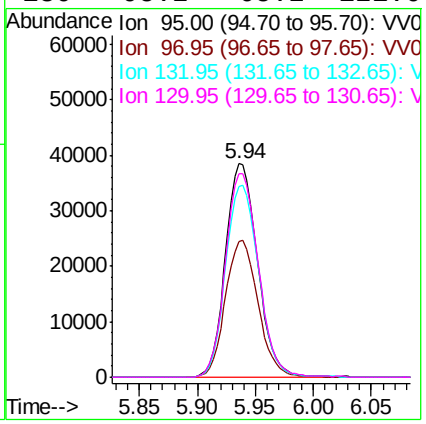


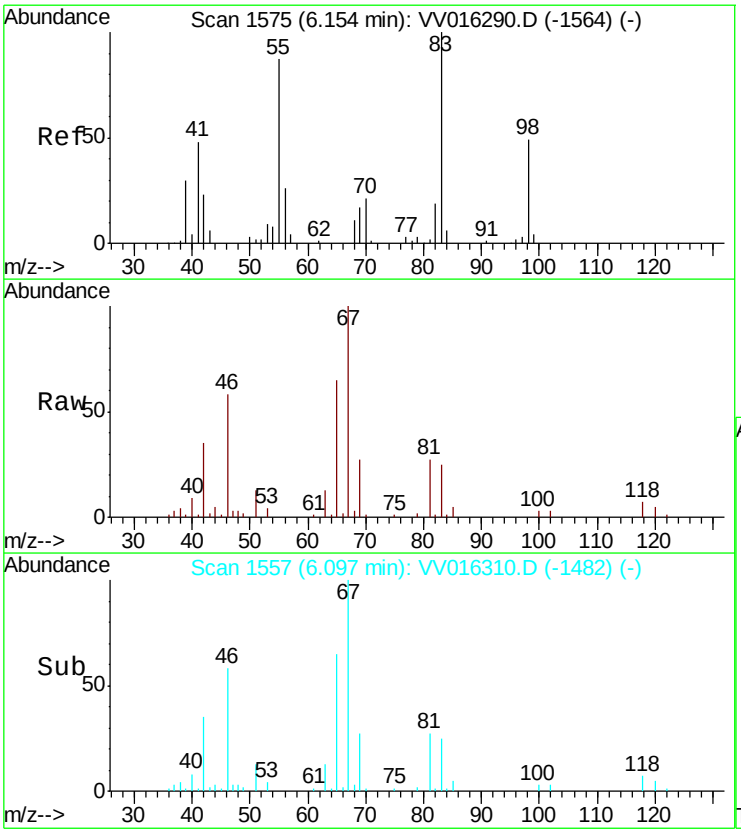
#34
Trichloroethene
Concen: 8.966 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 73984

Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.6	81.0
132	89.5	63.9	118.7
130	95.2	65.2	121.0

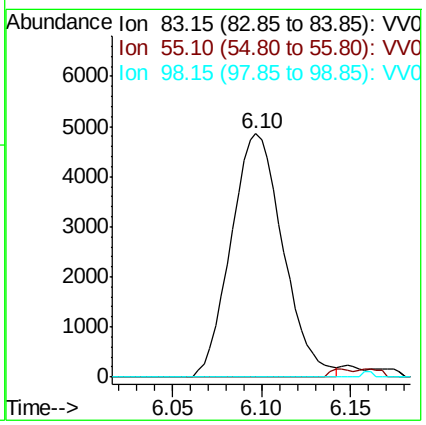


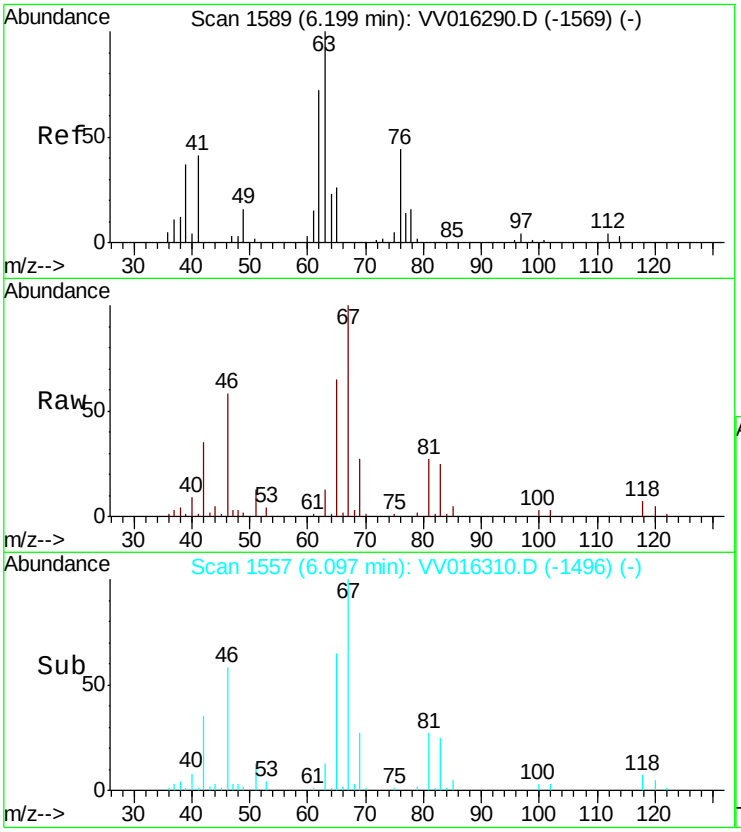


#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 83 Resp: 9853

Ion	Ratio	Lower	Upper
83	100		
55	1.3	65.4	98.0#
98	0.9	39.3	58.9#



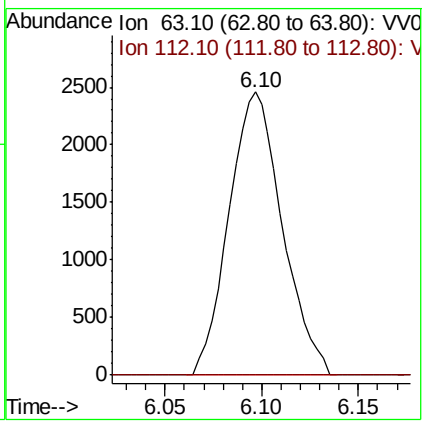


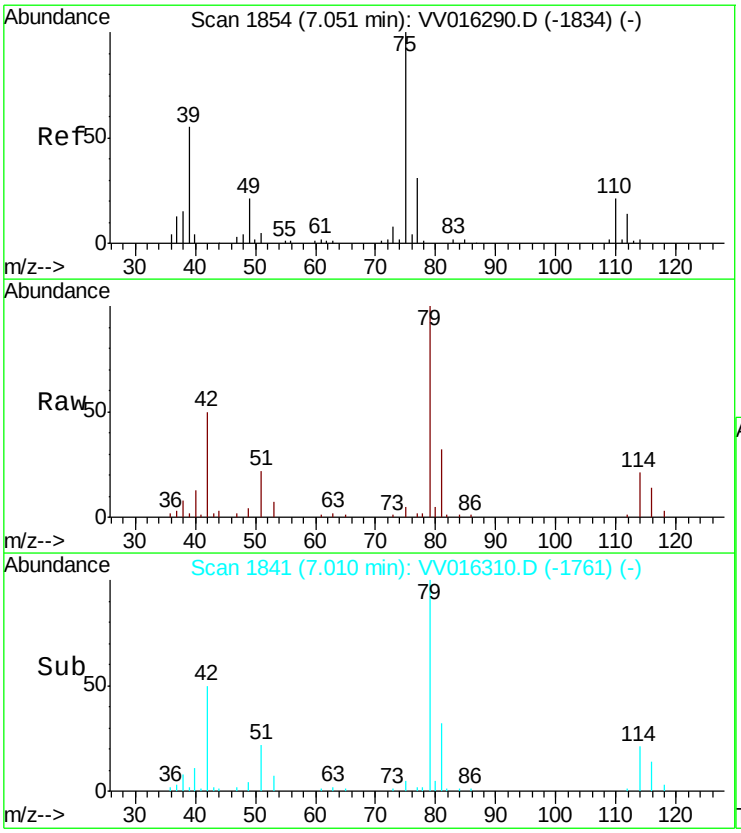
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4716

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

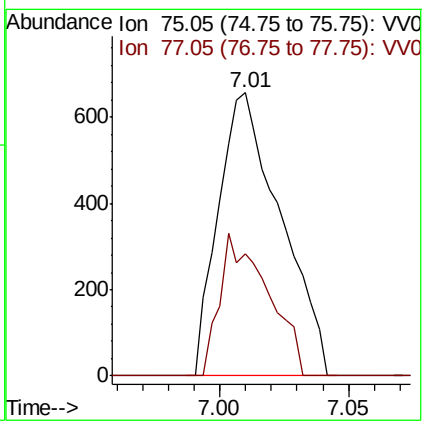


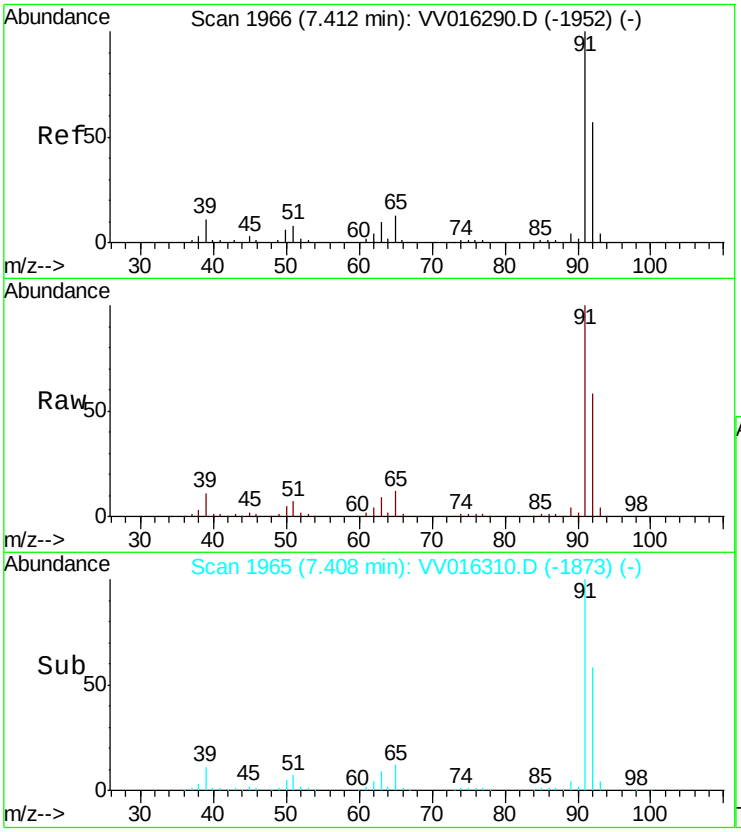


#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 75 Resp: 1105

Ion	Ratio	Lower	Upper
75	100		
77	43.2	21.7	40.3#



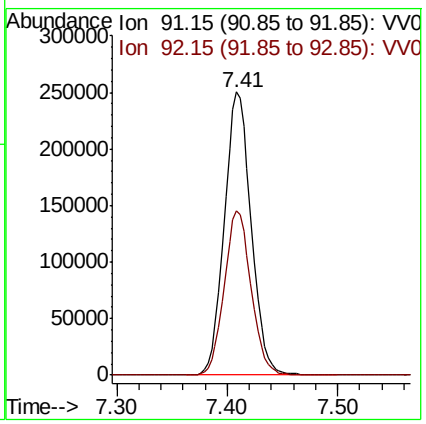


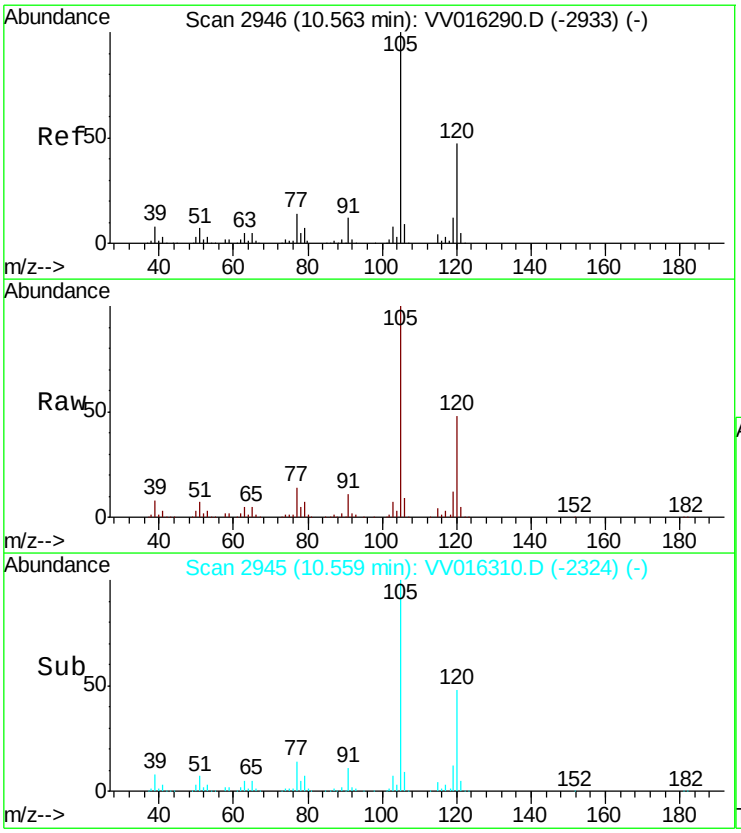
#42
Toluene
Concen: 12.209 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 421740

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.9	76.0

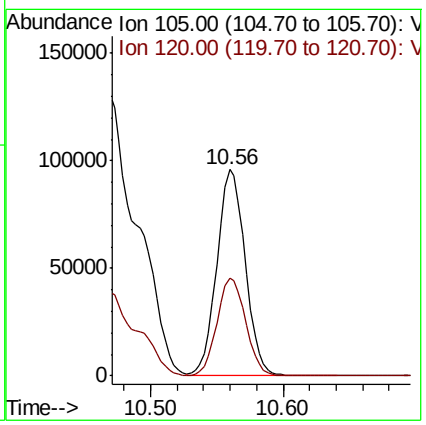


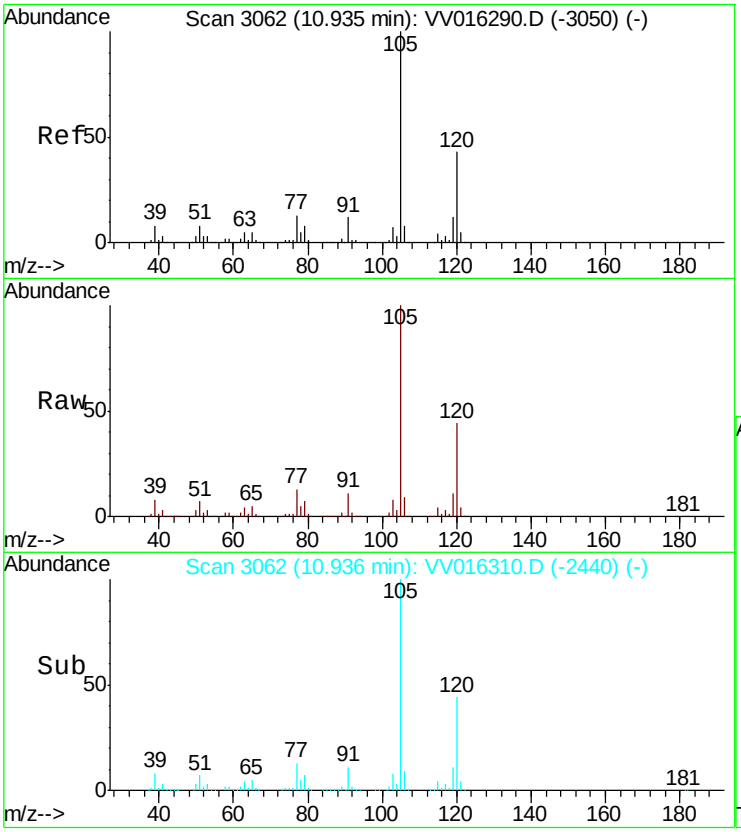


#43
1,3,5-Trimethylbenzene
Concen: 4.544 ug/L
RT: 10.56 min Scan# 2945
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion:105 Resp: 142884

Ion	Ratio	Lower	Upper
105	100		
120	48.0	37.4	56.0



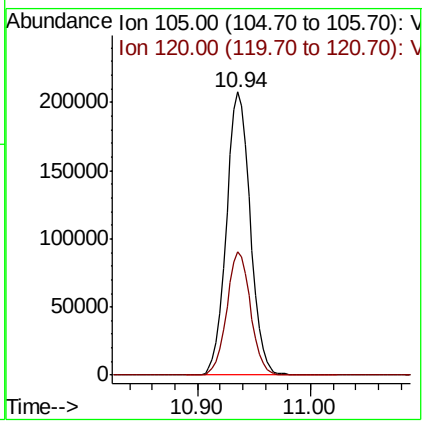


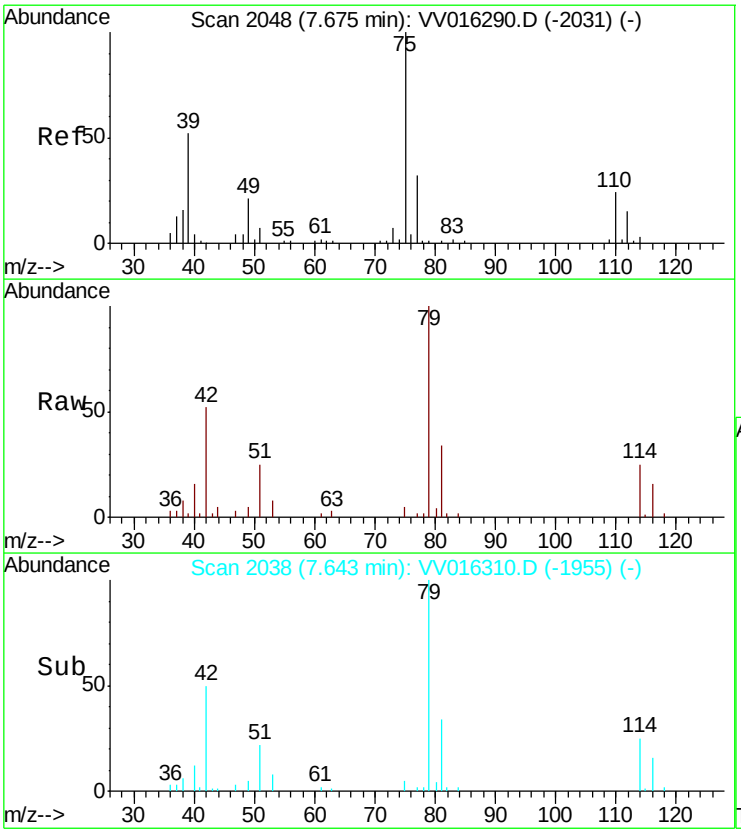
#44
1,2,4-Trimethylbenzene
Concen: 9.405 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 304618

Ion	Ratio	Lower	Upper
105	100		
120	43.5	34.6	52.0

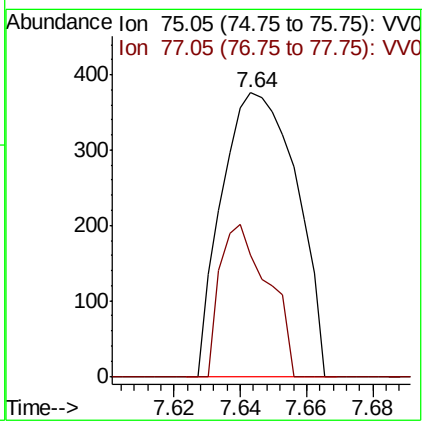


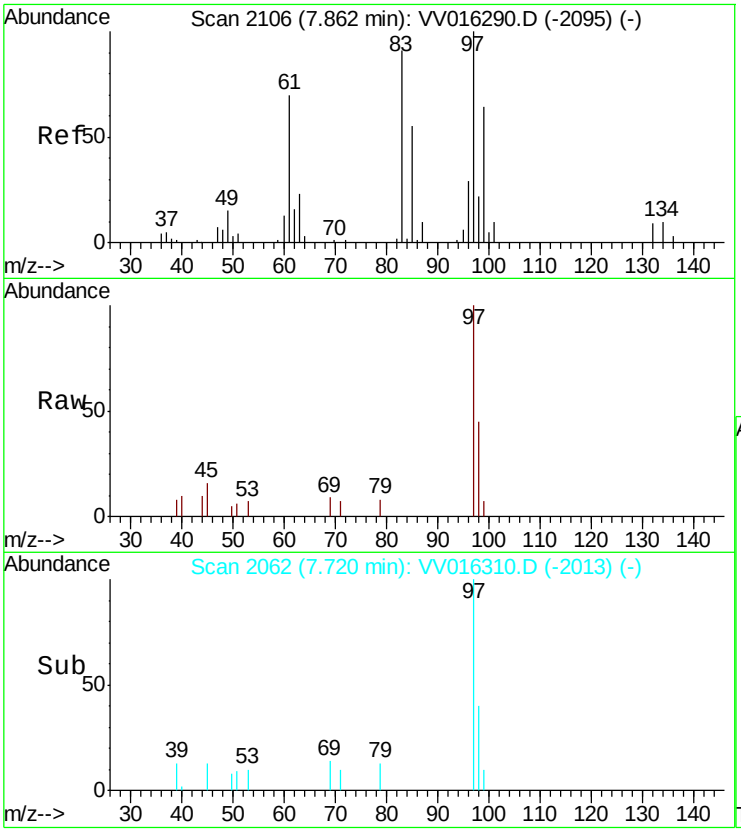


#46
trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 75 Resp: 588

Ion	Ratio	Lower	Upper
75	100		
77	42.8	21.7	40.3#



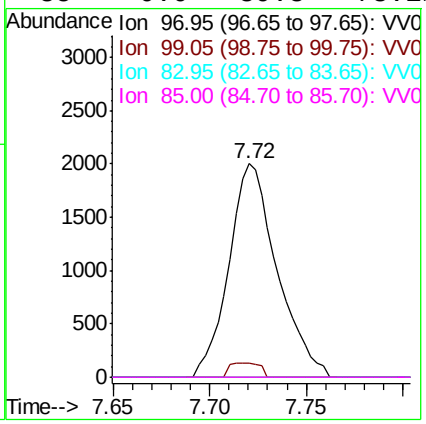


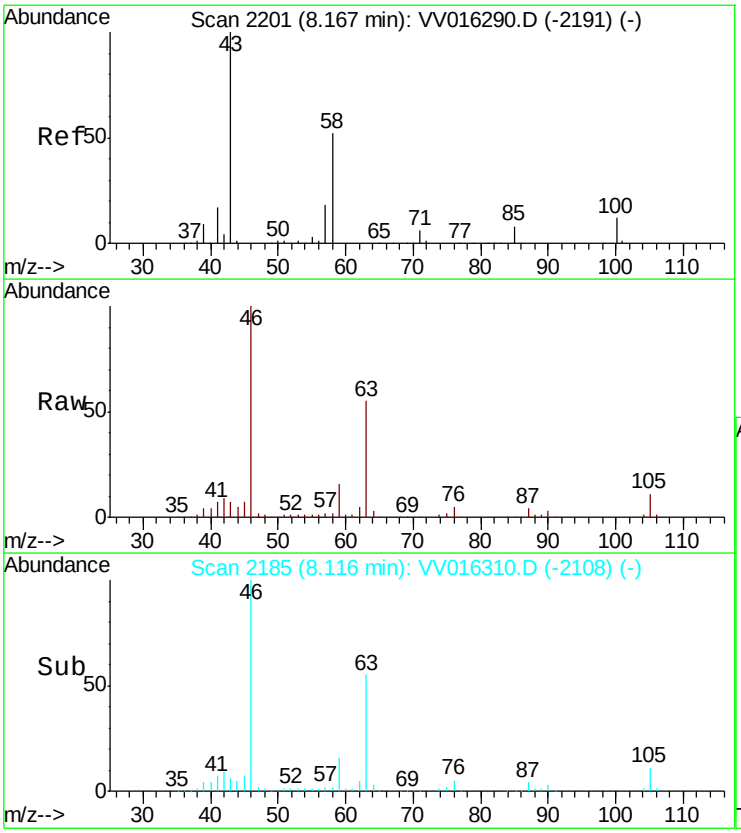
#47
1,1,2-Trichloroethane
Concen: 0.677 ug/L
RT: 7.72 min Scan# 2062
Delta R.T. -0.14 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 3461

Ion	Ratio	Lower	Upper
97	100		
99	6.8	40.8	75.8#
83	0.0	60.0	111.4#
85	0.0	39.3	73.1#

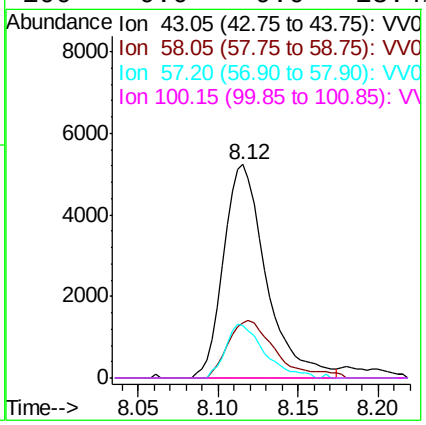


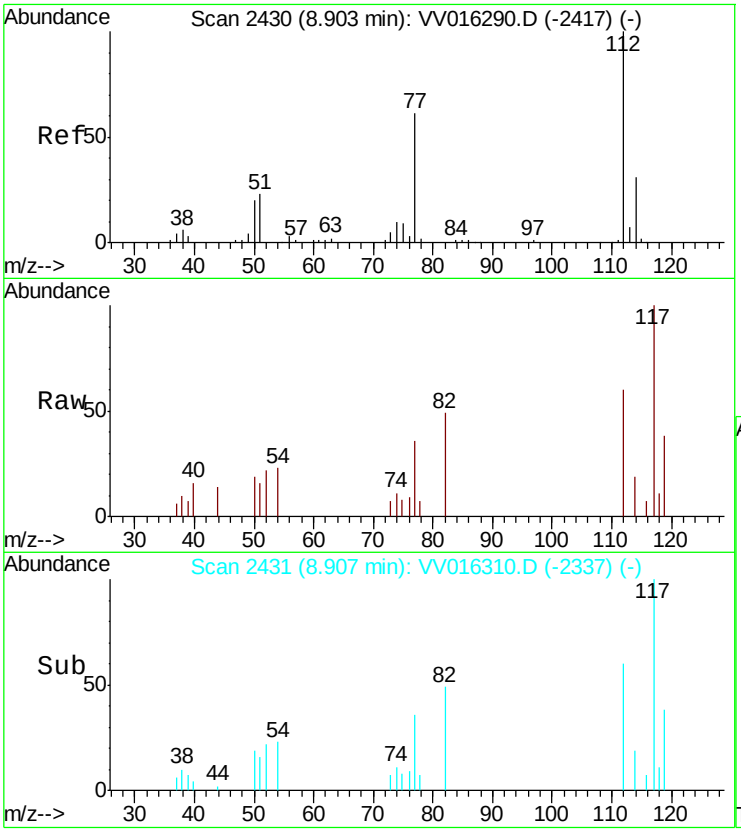


#50
2-Hexanone
Concen: 2.836 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 43 Resp: 9560

Ion	Ratio	Lower	Upper
43	100		
58	30.1	41.4	62.0#
57	22.9	15.0	22.4#
100	0.0	9.0	13.4#



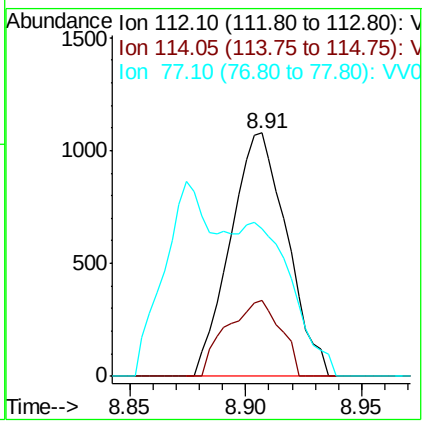


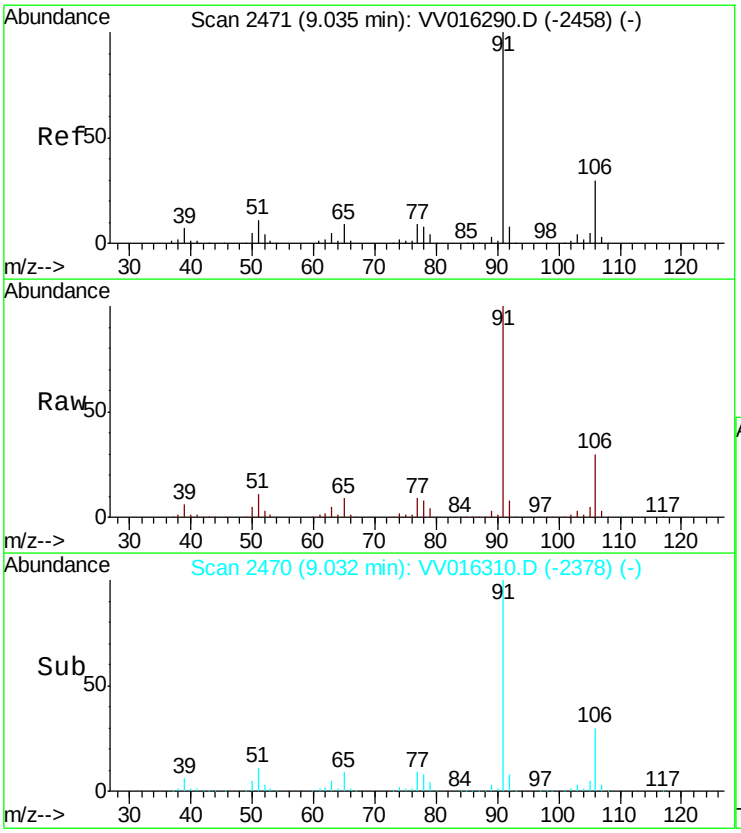
#53
Chlorobenzene
Concen: 0.086 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 1831

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.3	41.3
77	60.6	50.7	76.1

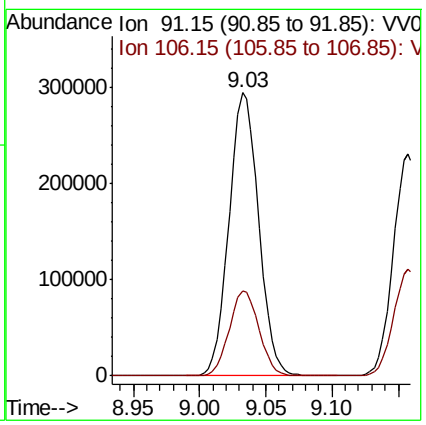


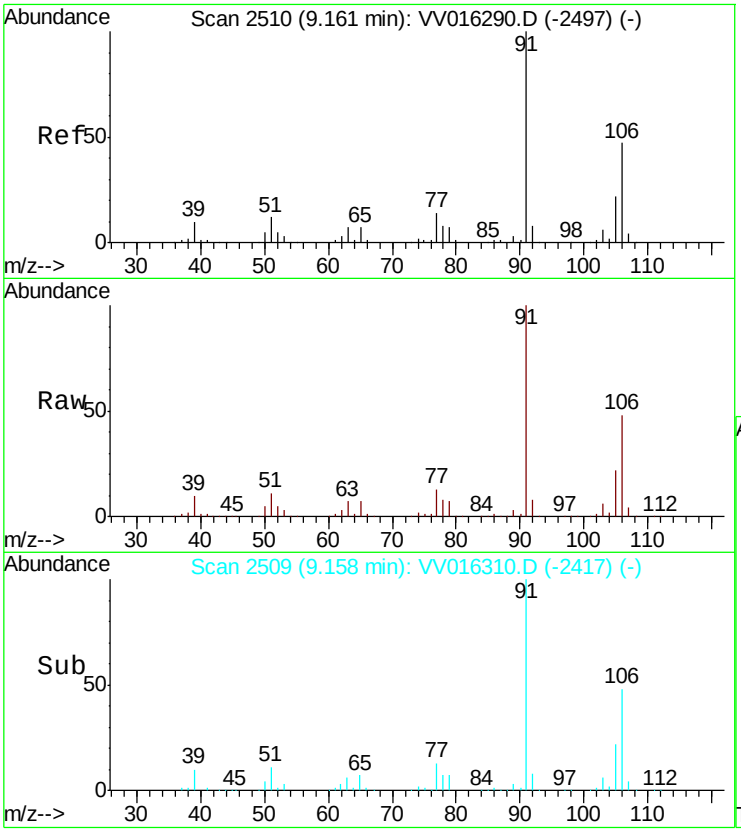


#54
Ethylbenzene
Concen: 11.895 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 91 Resp: 458008

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.0	39.0



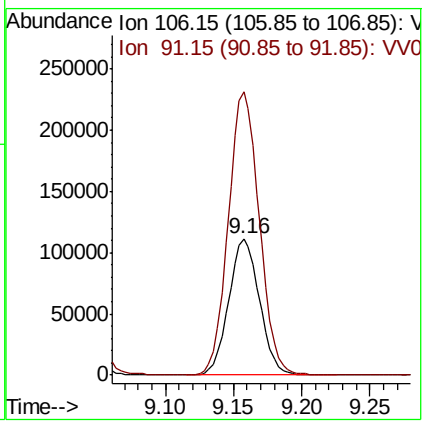


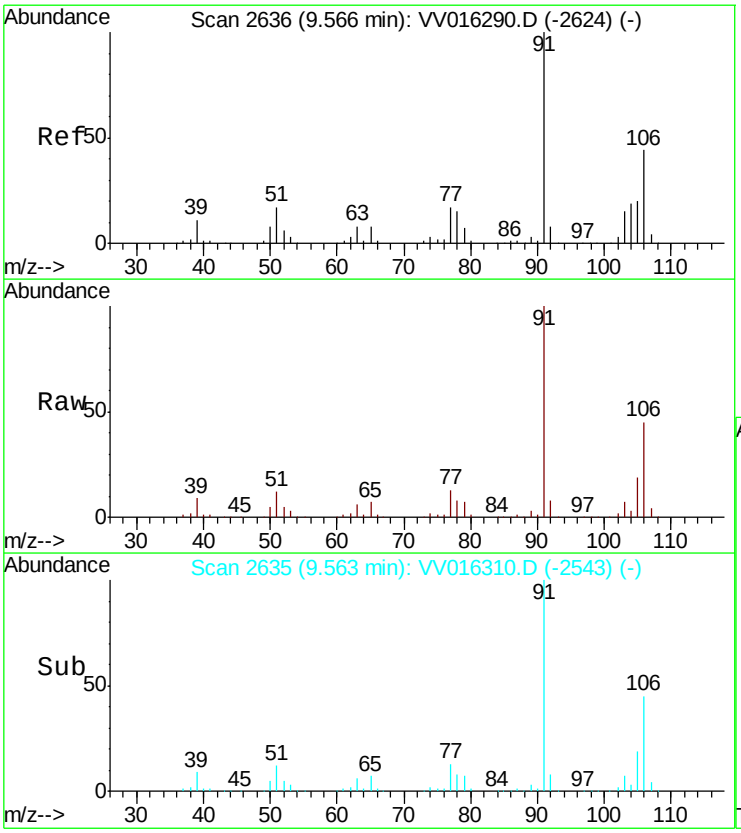
#55
m,p-xylene
Concen: 12.023 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 173586

Ion	Ratio	Lower	Upper
106	100		
91	207.6	148.1	275.0

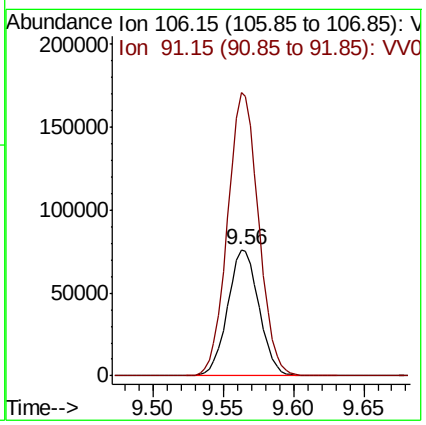


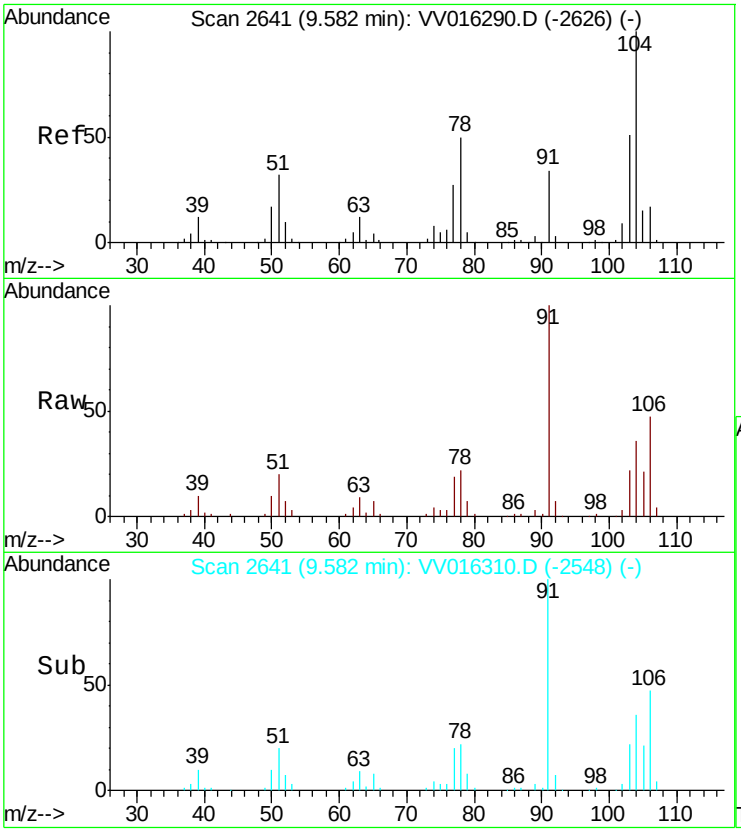


#56
o-xylene
Concen: 8.587 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion:106 Resp: 118154

Ion	Ratio	Lower	Upper
106	100		
91	224.4	158.8	294.8



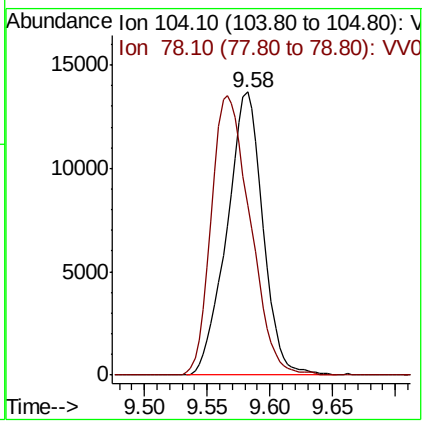


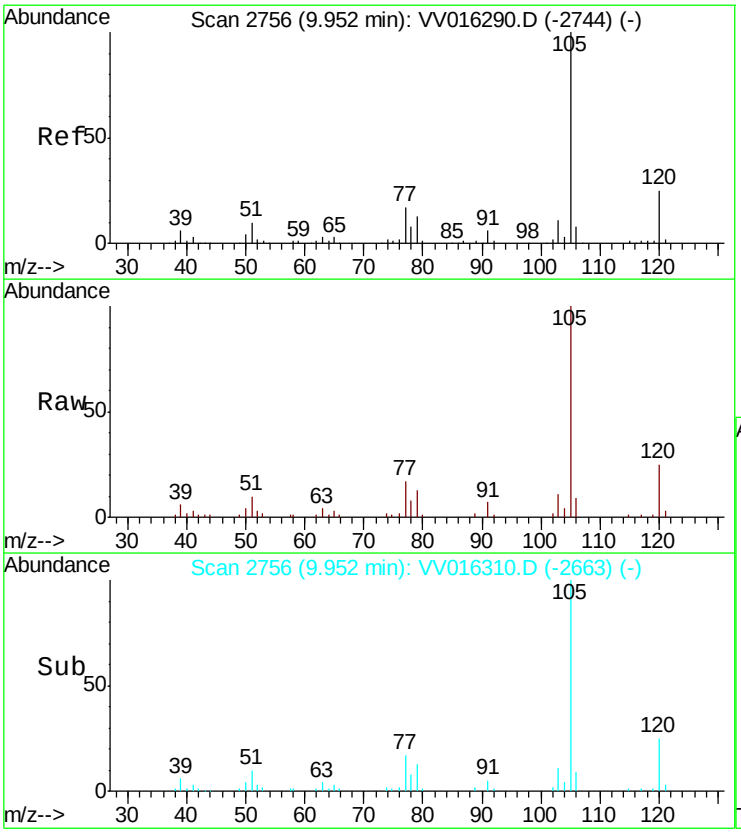
#57
Stvrene
Concen: 1.195 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 27373

Ion	Ratio	Lower	Upper
104	100		
78	59.7	33.2	61.7

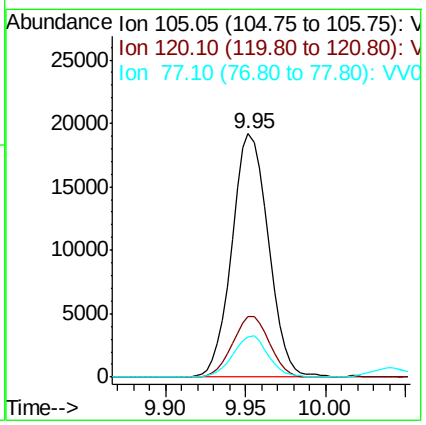


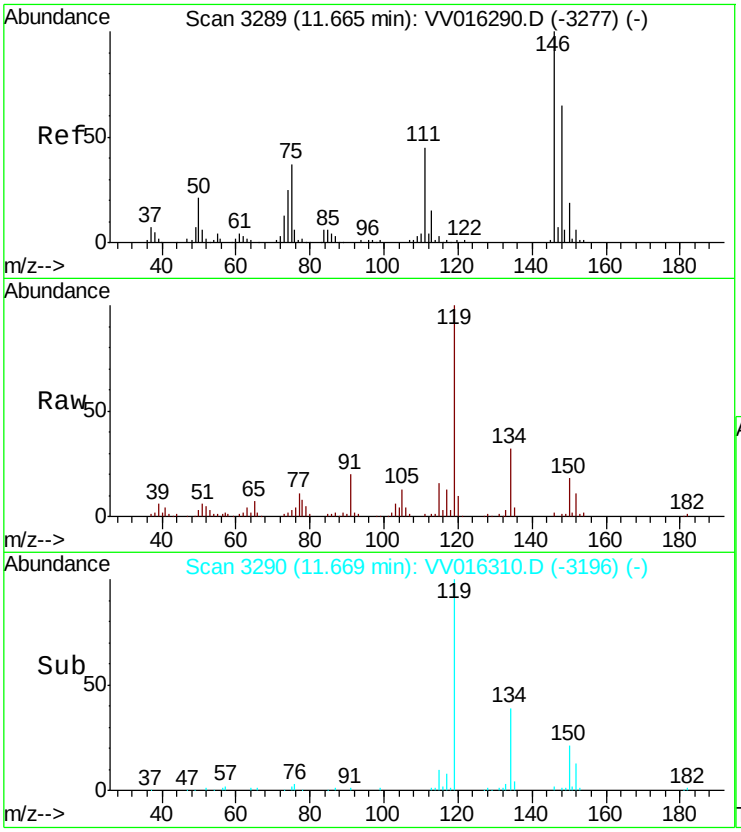


#58
Isopropylbenzene
Concen: 0.789 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion:105 Resp: 29741

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.9	31.3
77	16.4	13.9	20.9



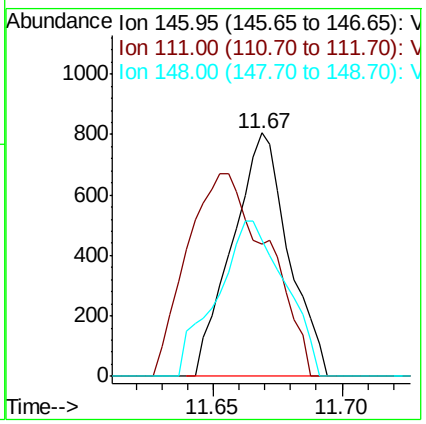


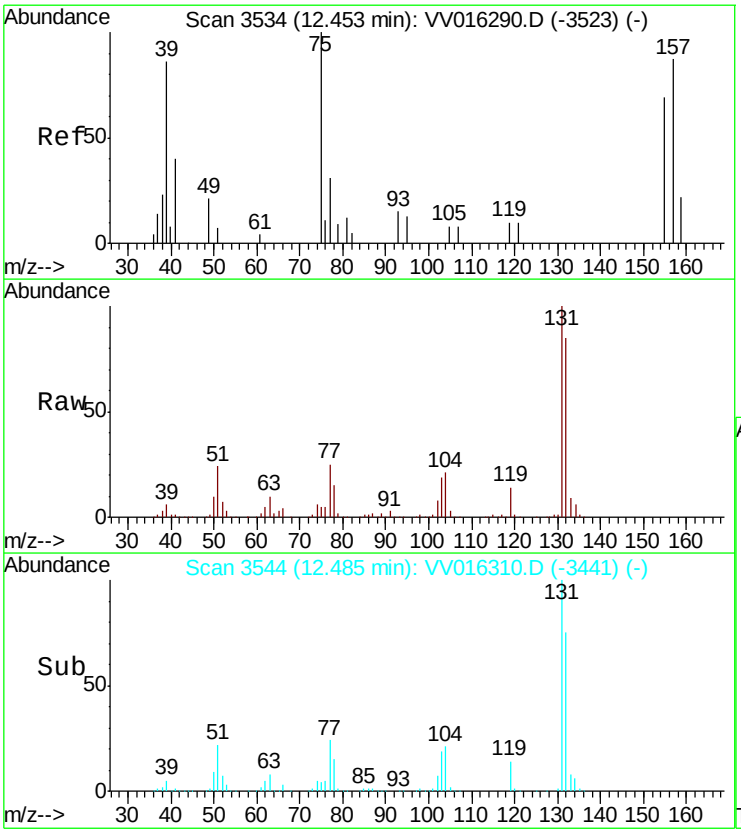
#66
1,2-Dichlorobenzene
Concen: 0.077 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1226

Ion	Ratio	Lower	Upper
146	100		
111	54.3	35.7	53.5#
148	55.7	51.3	76.9





#67
1,2-Dibromo-3-chloropropane
Concen: 21.730 ug/L
RT: 12.49 min Scan# 3544
Delta R.T. 0.03 min
Lab File: VV016310.D
Acq: 29 May 2020 05:33

Tgt Ion: 75 Resp: 23518

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