Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016249.D
Acq On : 28 May 2020 00:10
Operator : SY/MD
Sample : L2766-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 28 06:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	98592	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92924	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43842	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27680	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.58	69	24388	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.12	63	37873	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	3.96	46	81112	51.64	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.28%			
24) Chloroform-d	4.38	84	57134	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.06	65	30919	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.08	84	112917	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.10	67	35399	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.34	98	101190	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
45) trans-1,3-Dichloropropene-	7.65	79	11493	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
48) 2-Hexanone-d5	8.12	63	58353	47.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.86%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24769	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	37058	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	9839	2.040	ug/L #	74
13) Acetone	2.23	43	1481	1.523	ug/L	62
14) Carbon disulfide	2.31	76	926	0.051	ug/L #	75
15) Methyl Acetate	2.55	43	19128	7.699	ug/L #	53
19) 1,1-Dichloroethane	3.21	63	1557	0.129	ug/L #	94
22) cis-1,2-Dichloroethene	3.96	96	456	0.061	ug/L	69
27) 1,2-Dichloroethane	5.12	62	6301	0.753	ug/L #	79
30) Cyclohexane	4.70	56	5463	0.462	ug/L	97
33) Benzene	5.13	78	653614	24.443	ug/L	100
35) Methylcyclohexane	6.15	83	3423	0.291	ug/L	96
37) 1,2-Dichloropropane	6.10	63	4334	0.661	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	931	0.100	ug/L #	79
42) Toluene	7.41	91	48234	1.654	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	2481	0.093	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	6774	0.248	ug/L	97
46) trans-1,3-Dichloropropene	7.64	75	474	0.061	ug/L #	71
47) 1,1,2-Trichloroethane	7.81	97	702	0.163	ug/L #	16

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016249.D
Acq On : 28 May 2020 00:10
Operator : SY/MD
Sample : L2766-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 28 06:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Chlorobenzene	8.90	112	160271	8.894	ug/L		99
54) Ethylbenzene	9.04	91	12574	0.387	ug/L		100
55) m,p-xylene	9.16	106	12210	1.002	ug/L		97
56) o-xylene	9.57	106	3202	0.276	ug/L		96
58) Isopropylbenzene	9.95	105	11646	0.366	ug/L		98
60) 1,1,2,2-Tetrachloroethane	10.26	83	604	0.113	ug/L	#	25
63) 1,3-Dichlorobenzene	11.20	146	1164	0.087	ug/L		89
64) 1,4-Dichlorobenzene	11.30	146	20349	1.497	ug/L		98
66) 1,2-Dichlorobenzene	11.67	146	19989	1.653	ug/L		96
70) Naphthalene	13.53	128	5602	0.308	ug/L	#	82

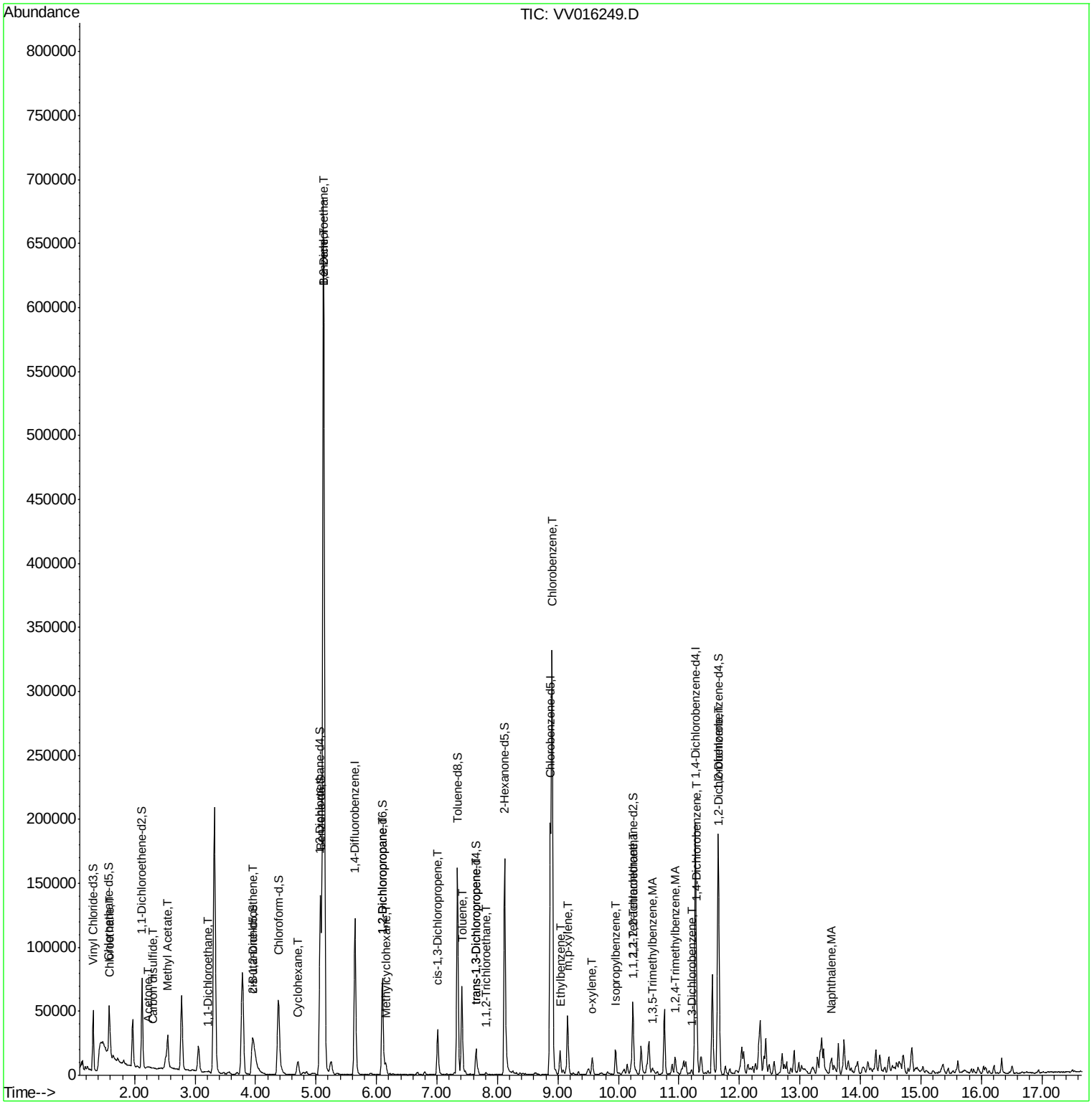
(#) = qualifier out of range (m) = manual integration (+) = signals summed

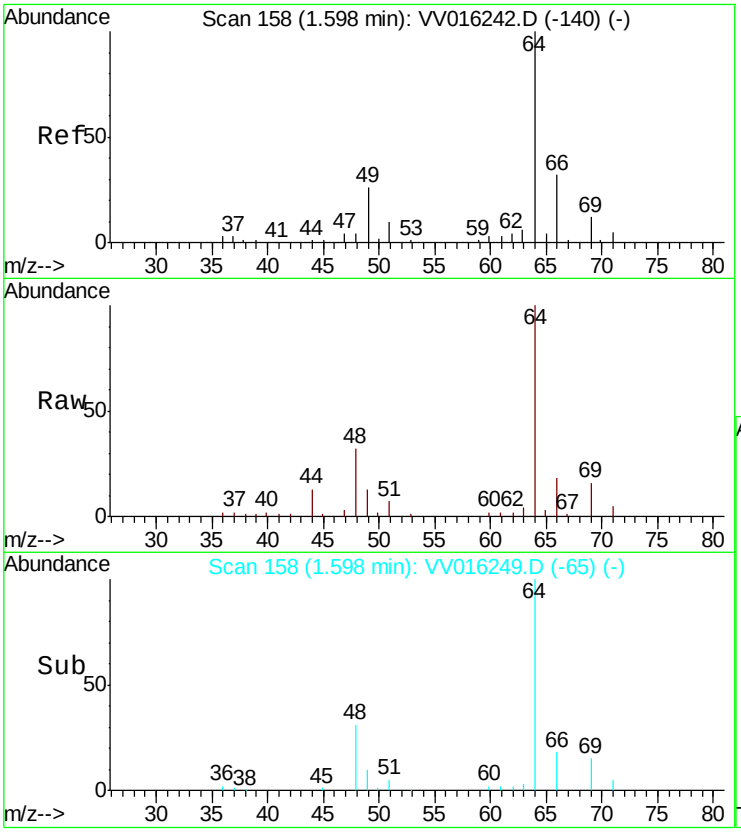
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016249.D
Acq On : 28 May 2020 00:10
Operator : SY/MD
Sample : L2766-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 28 06:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration



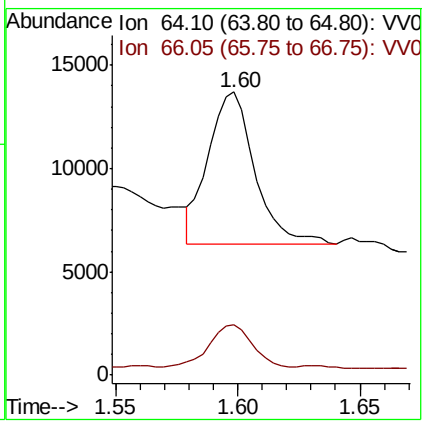


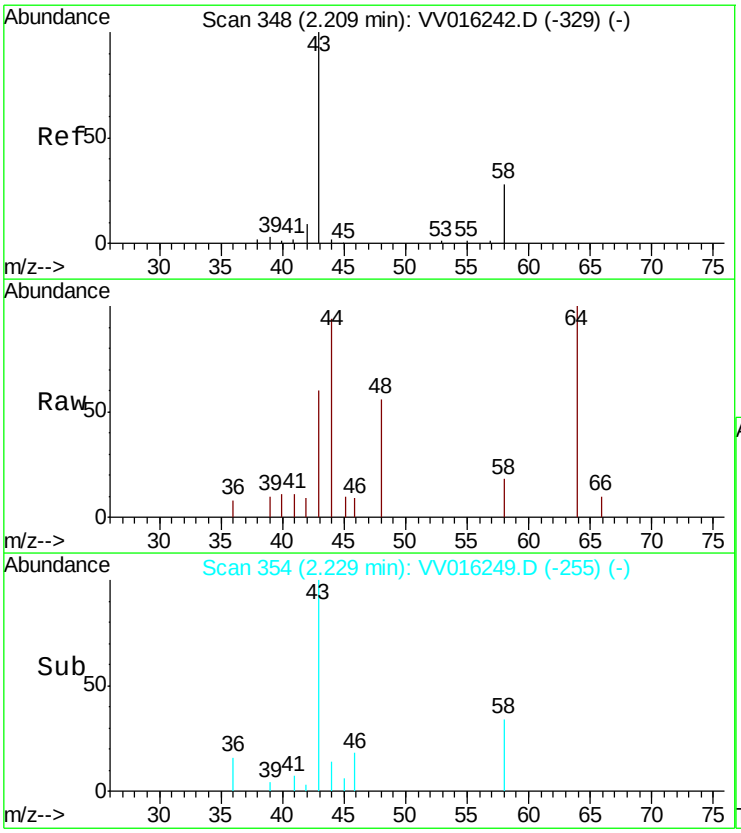
#8
Chloroethane
Concen: 2.040 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 9839

Ion	Ratio	Lower	Upper
64	100		
66	17.9	22.9	42.5#

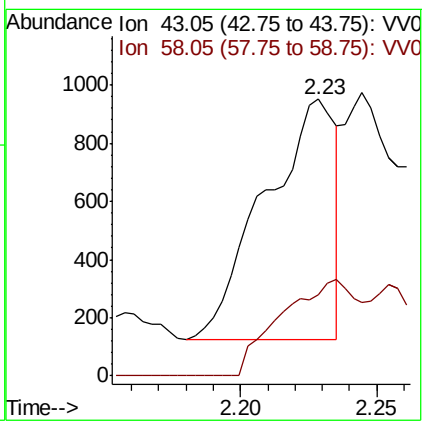


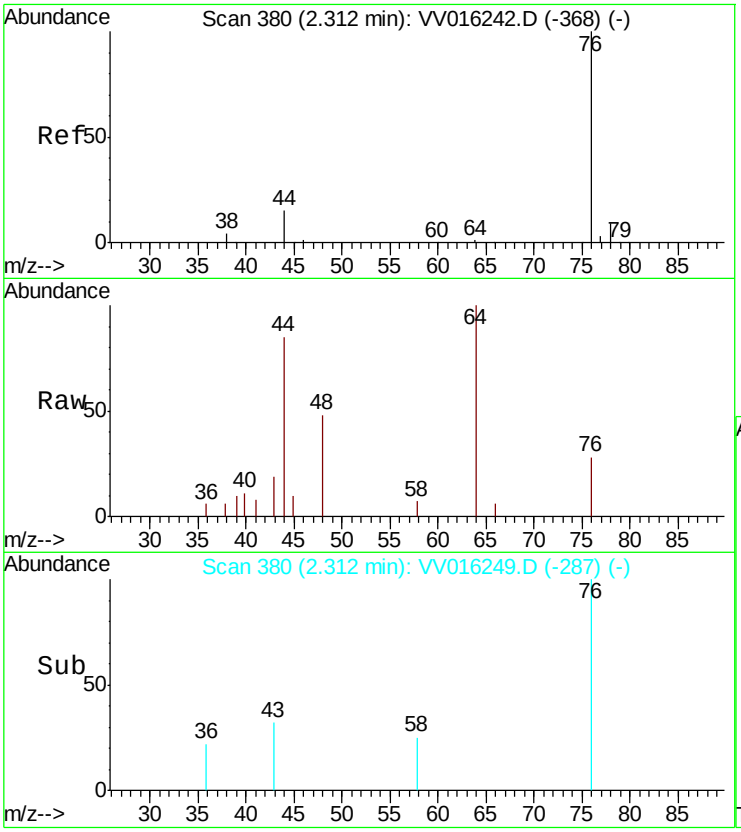


#13
Acetone
Concen: 1.523 ug/L
RT: 2.23 min Scan# 354
Delta R.T. 0.02 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion: 43 Resp: 1481

Ion	Ratio	Lower	Upper
43	100		
58	43.3	0.0	48.8



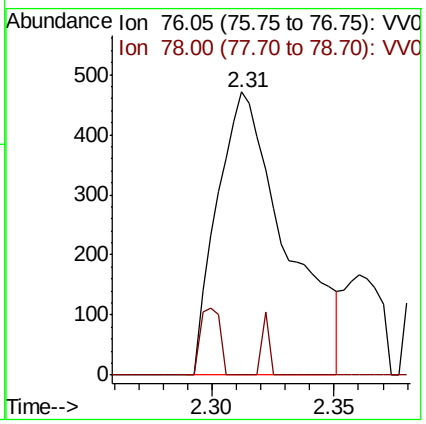


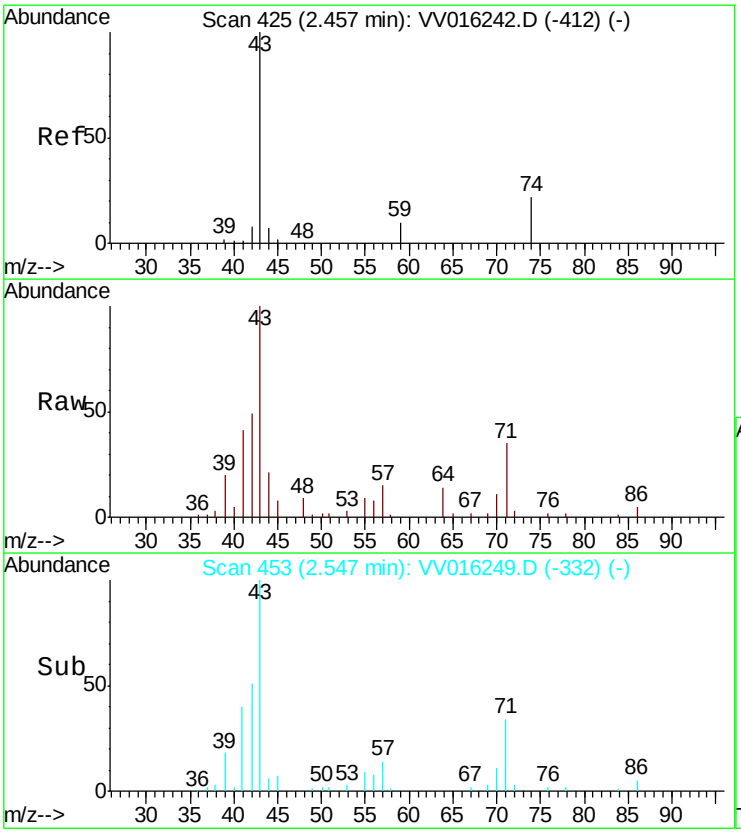
#14
Carbon disulfide
Concen: 0.051 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 926

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

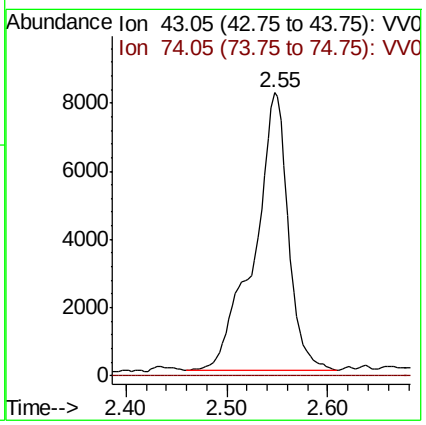


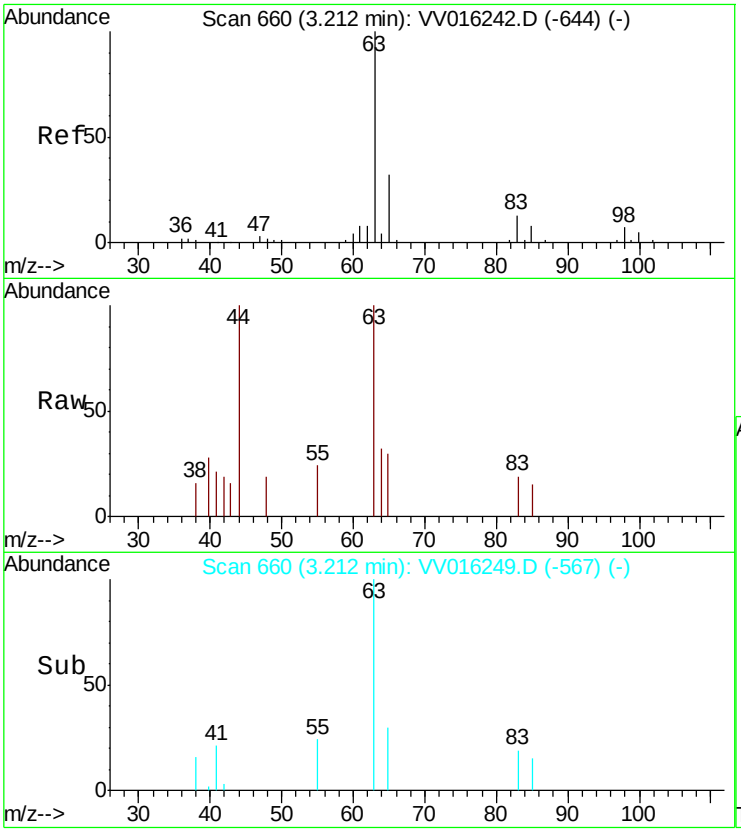


#15
Methyl Acetate
Concen: 7.699 ug/L
RT: 2.55 min Scan# 453
Delta R.T. 0.09 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion: 43 Resp: 19128

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.1	27.1#



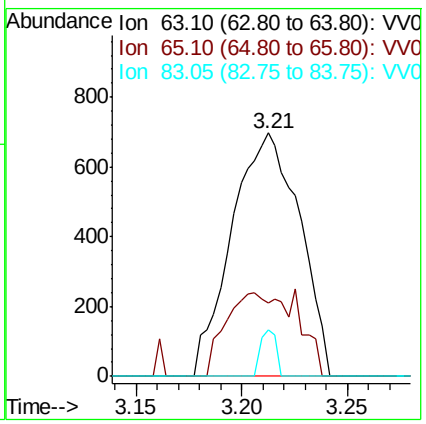


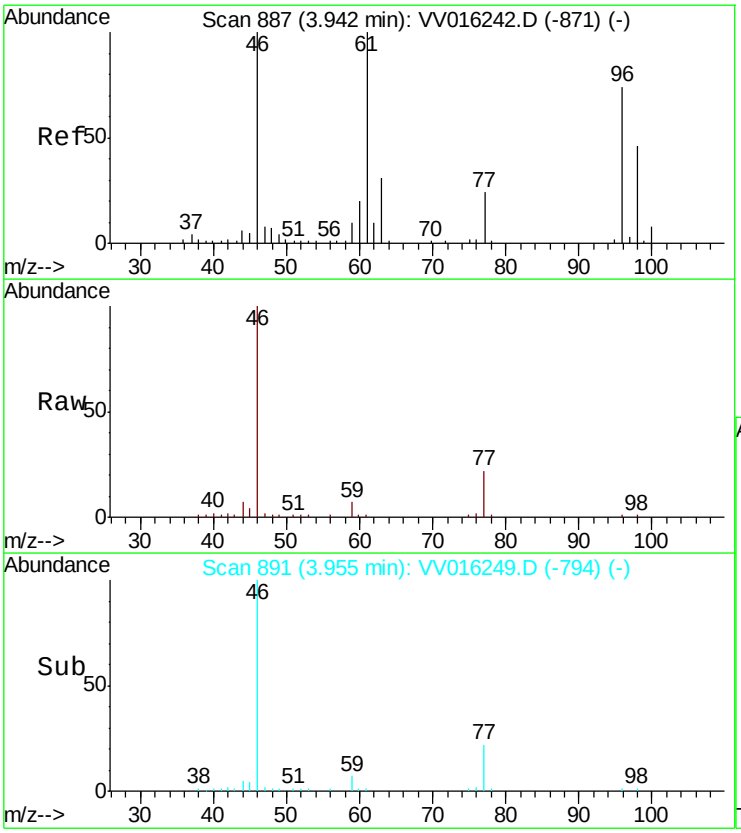
#19
1,1-Dichloroethane
Concen: 0.129 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1557

Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.3	41.5
83	19.2	9.4	17.4#

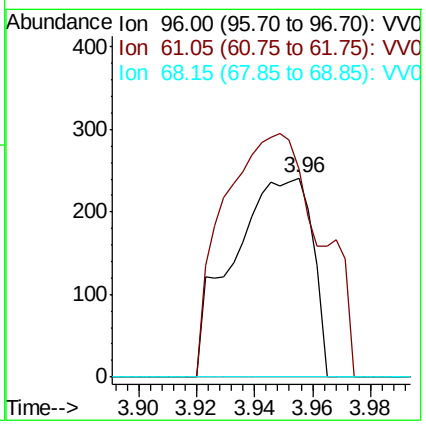


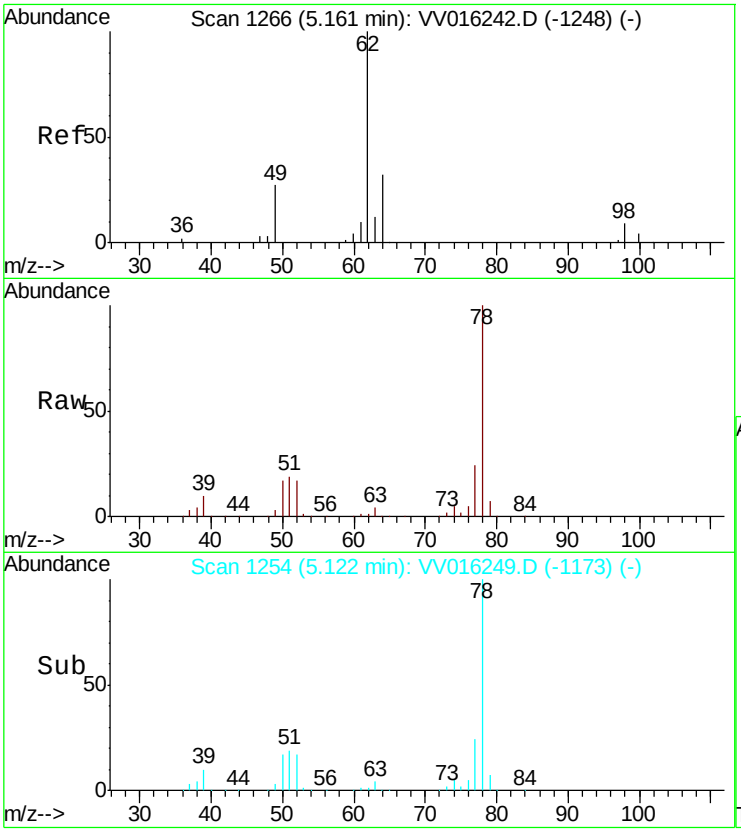


#22
cis-1,2-Dichloroethene
Concen: 0.061 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.01 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion: 96 Resp: 456

Ion	Ratio	Lower	Upper
96	100		
61	104.1	99.7	185.1
68	0.0	0.0	0.0



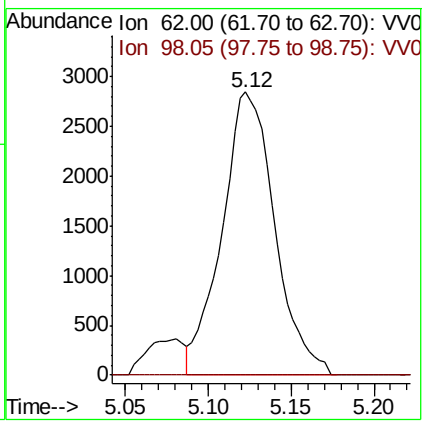


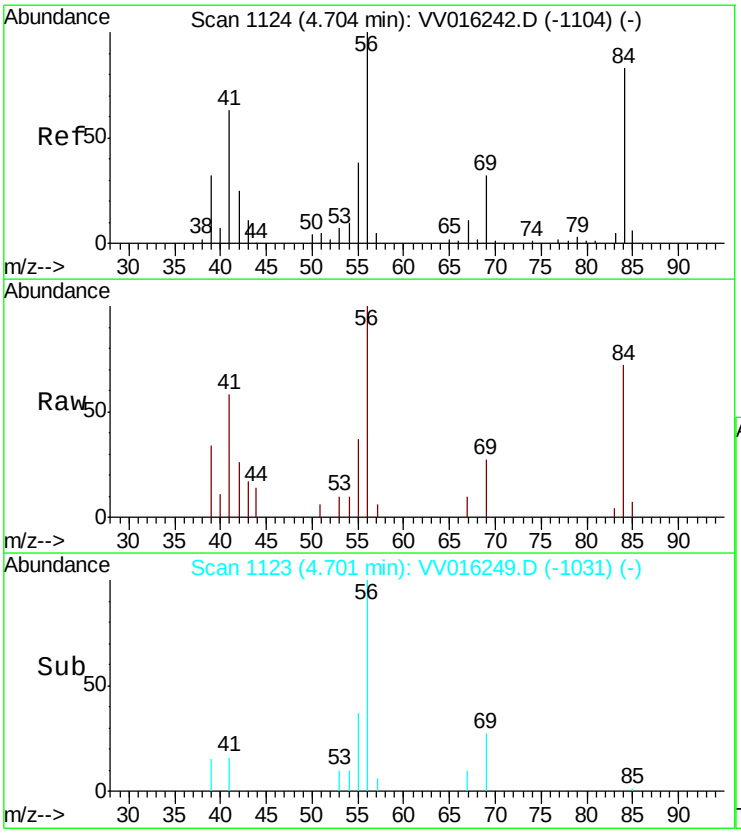
#27
1,2-Dichloroethane
Concen: 0.753 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.04 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 6301

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

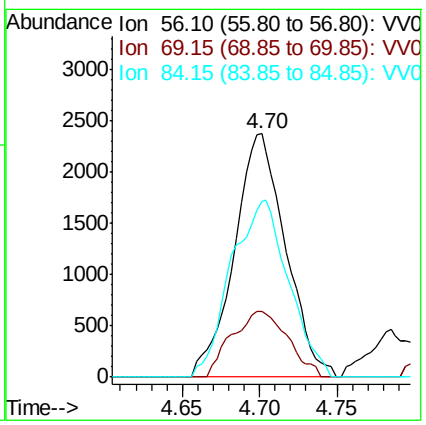


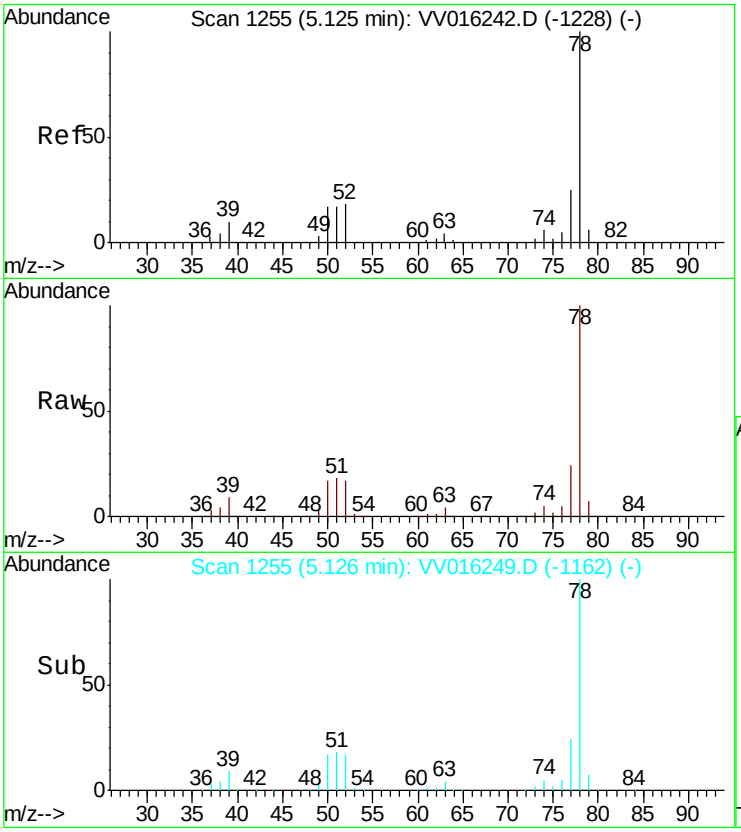


#30
Cyclohexane
Concen: 0.462 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion: 56 Resp: 5463

Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	81.5	67.1	100.7

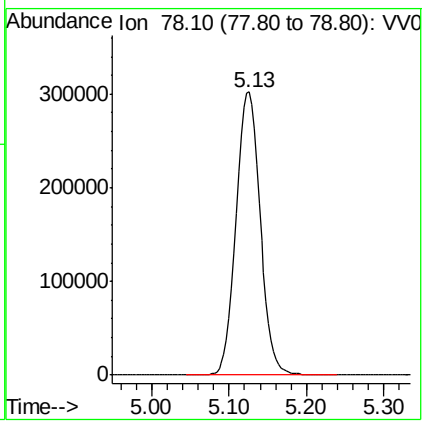


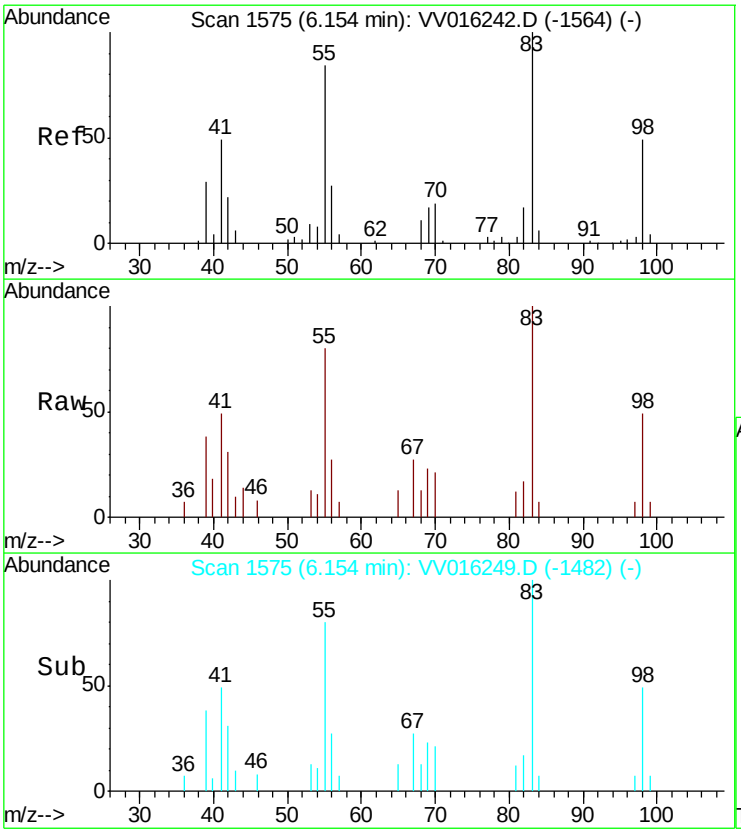


#33
Benzene
Concen: 24.443 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 653614

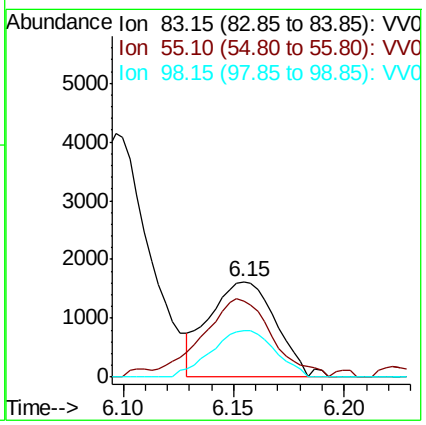


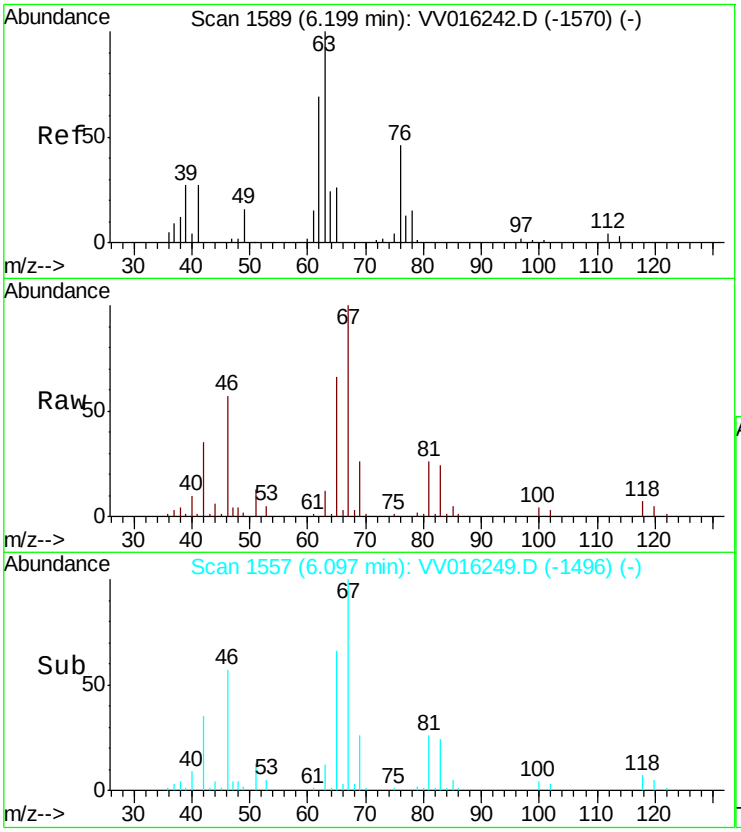


#35
Methylcyclohexane
Concen: 0.291 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion: 83 Resp: 3423

Ion	Ratio	Lower	Upper
83	100		
55	85.0	65.4	98.0
98	46.3	39.3	58.9



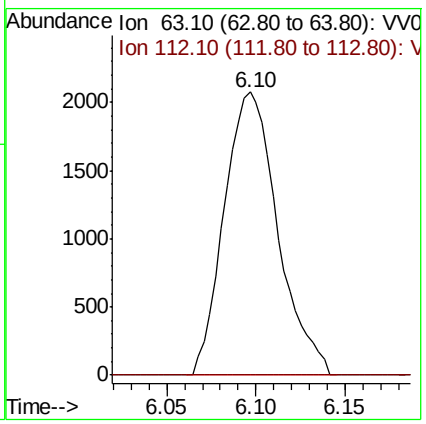


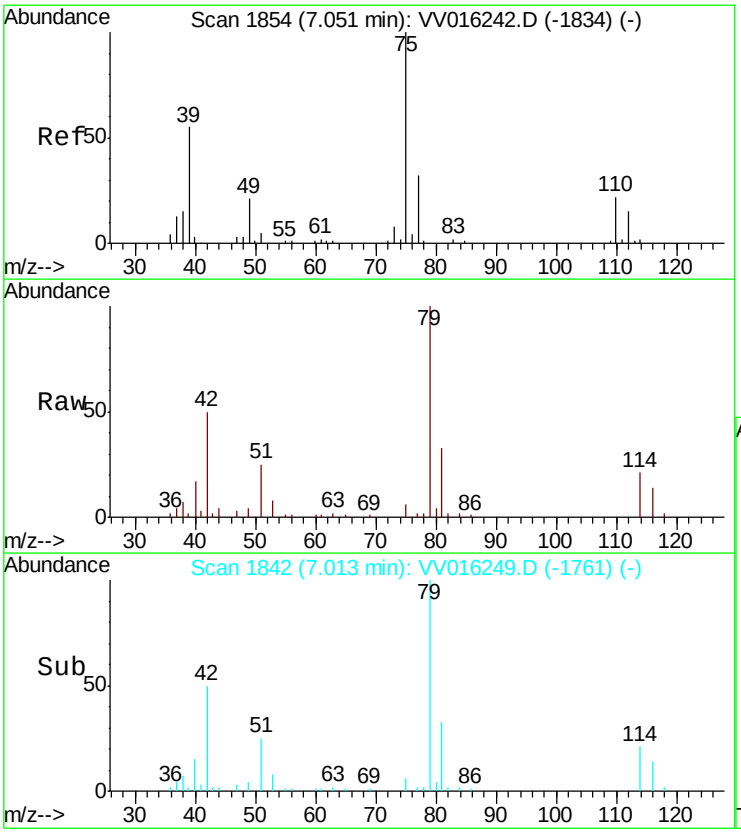
#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4334

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

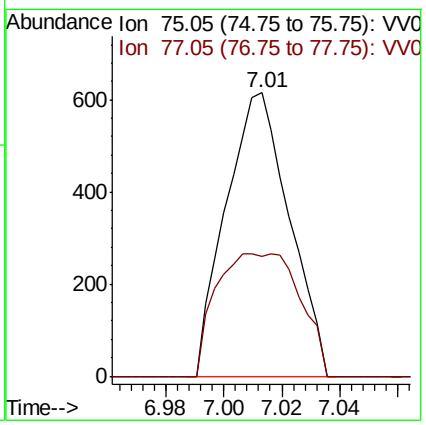


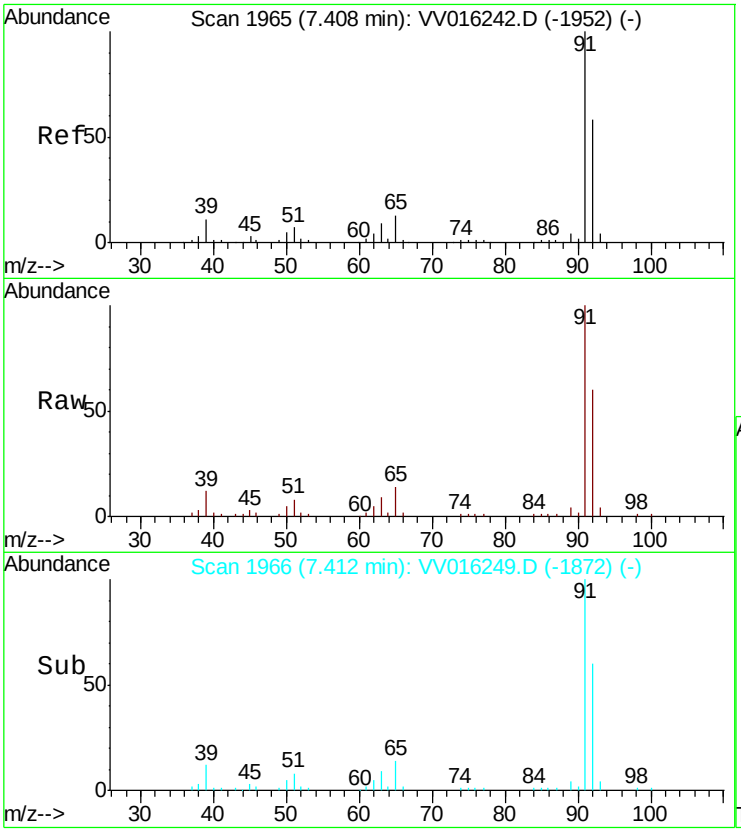


#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion: 75 Resp: 931

Ion	Ratio	Lower	Upper
75	100		
77	42.3	21.7	40.3#



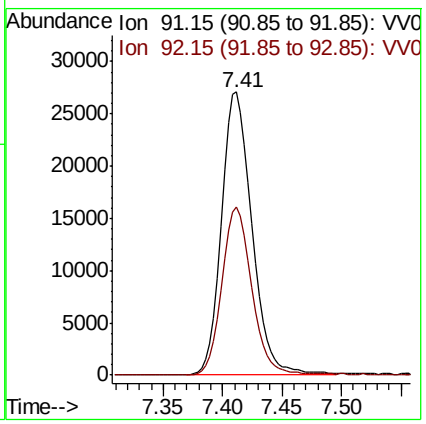


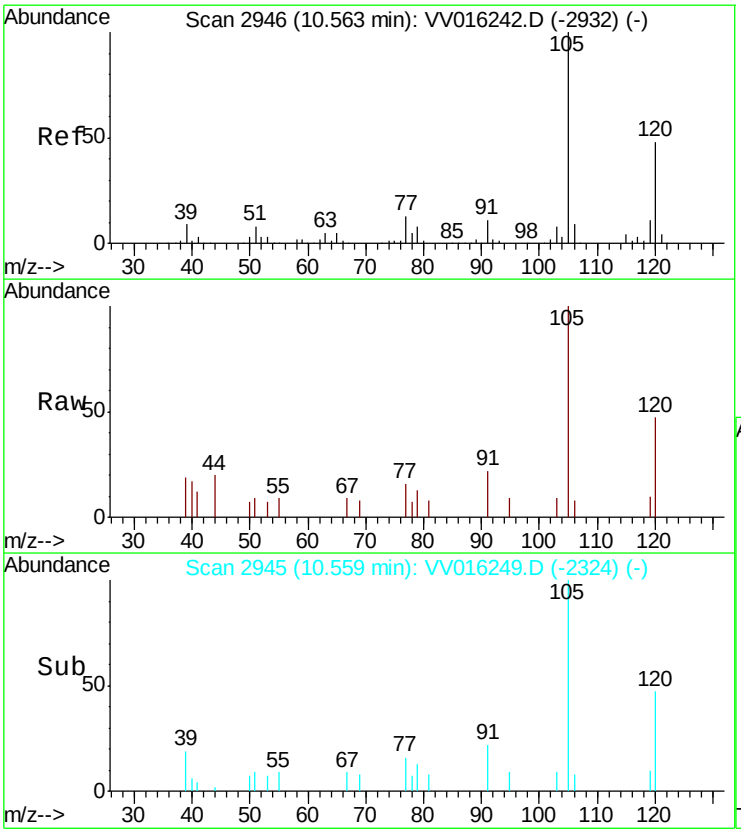
#42
Toluene
Concen: 1.654 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 48234

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.9	76.0

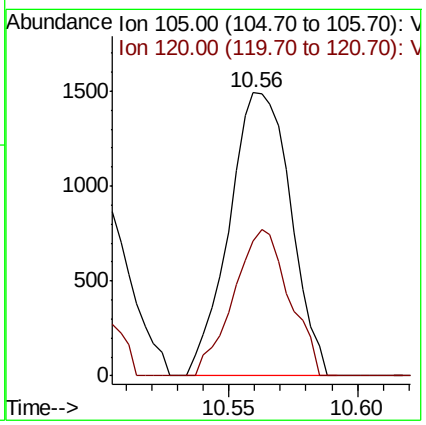


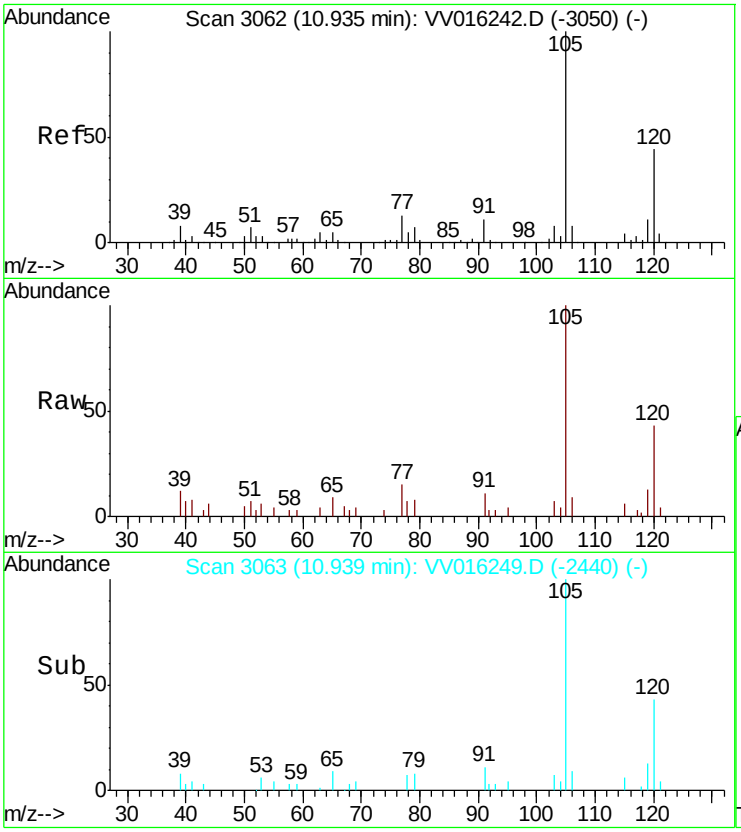


#43
1,3,5-Trimethylbenzene
Concen: 0.093 ug/L
RT: 10.56 min Scan# 2945
Delta R.T. -0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion:105 Resp: 2481

Ion	Ratio	Lower	Upper
105	100		
120	46.5	37.4	56.0



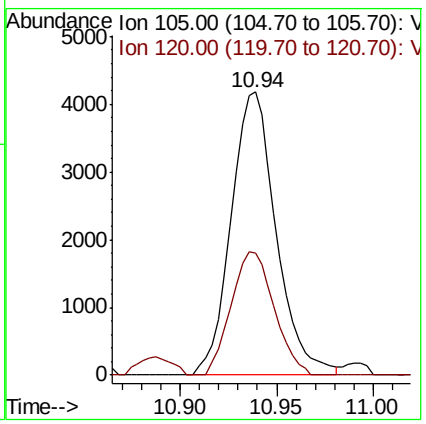


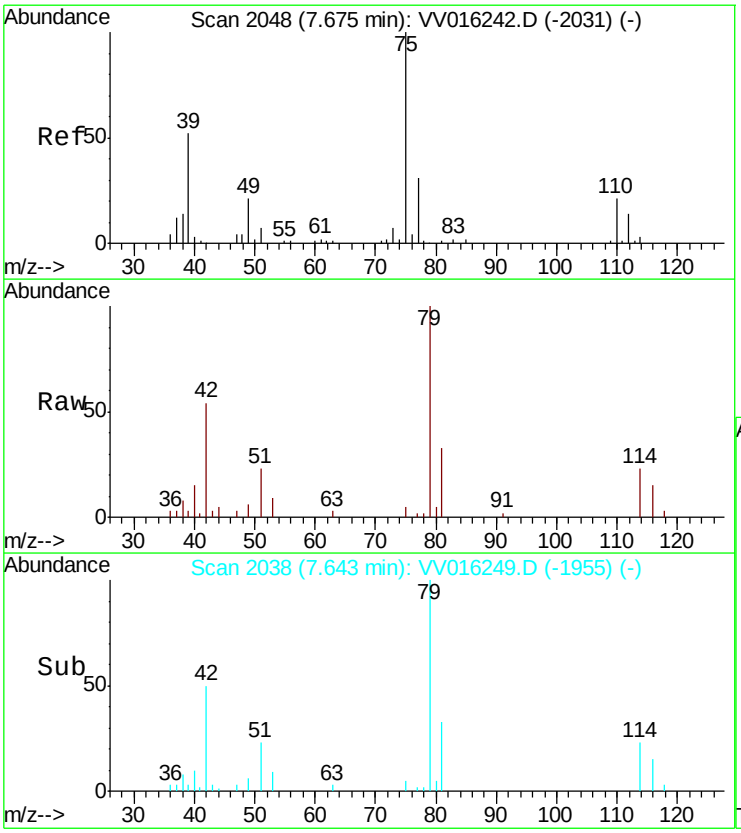
#44
1,2,4-Trimethylbenzene
Concen: 0.248 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 6774

Ion	Ratio	Lower	Upper
105	100		
120	41.4	34.6	52.0

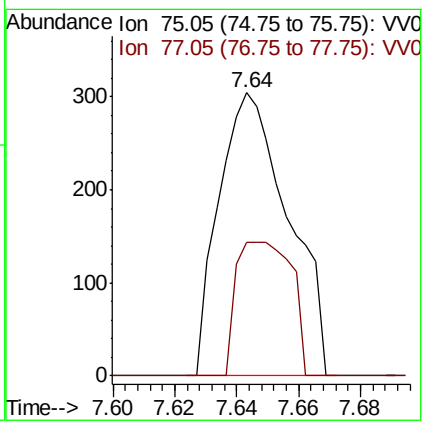


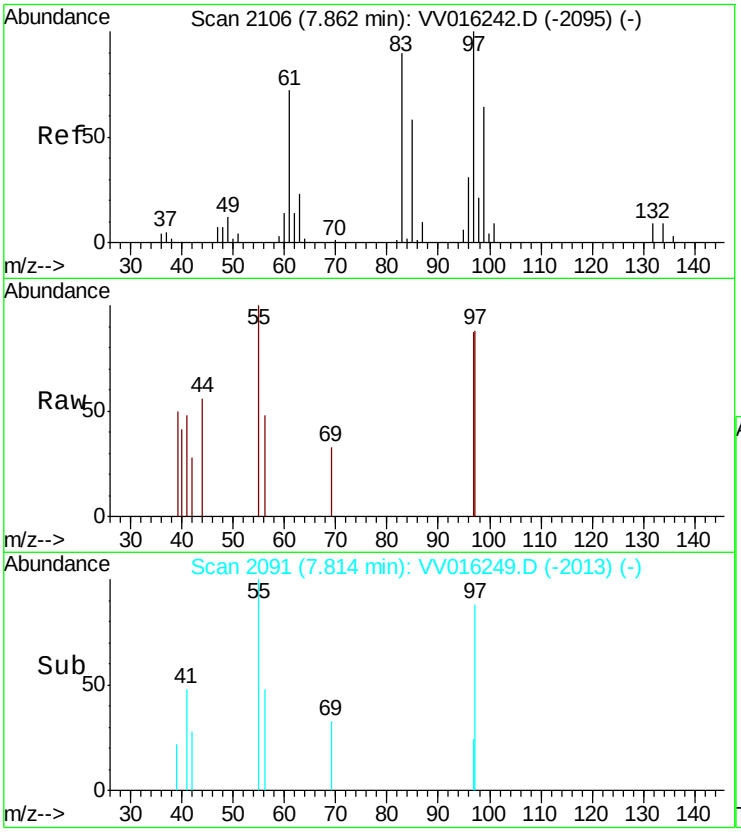


#46
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion: 75 Resp: 474

Ion	Ratio	Lower	Upper
75	100		
77	47.0	21.7	40.3#



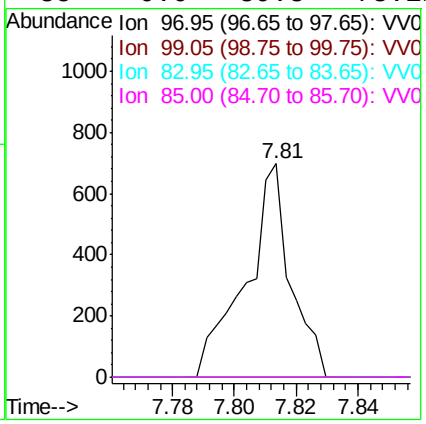


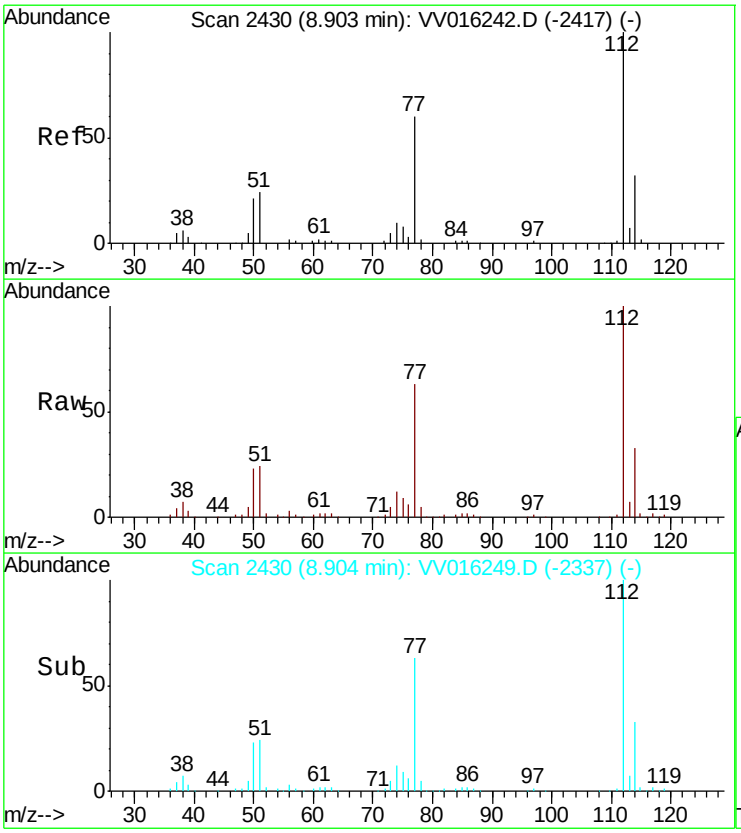
#47
1,1,2-Trichloroethane
Concen: 0.163 ug/L
RT: 7.81 min Scan# 2091
Delta R.T. -0.05 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 702

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

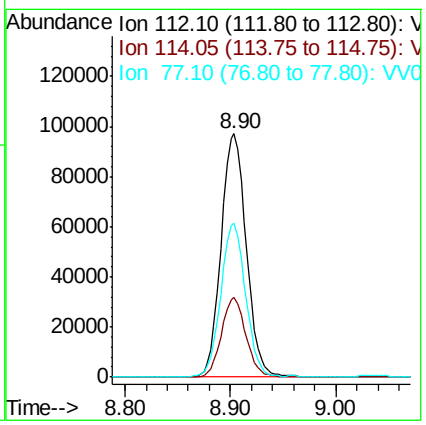


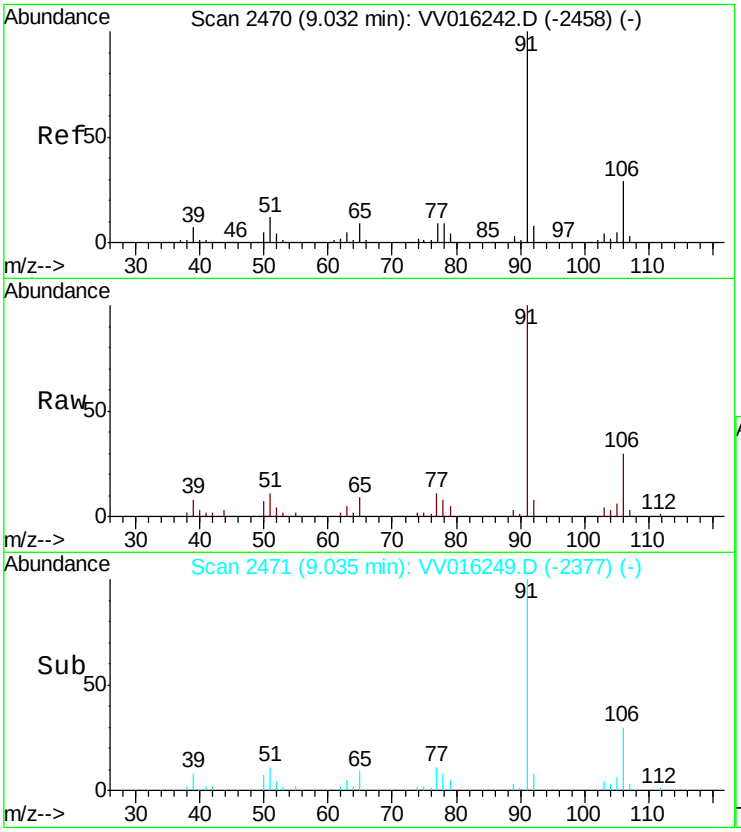


#53
Chlorobenzene
Concen: 8.894 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion:112 Resp: 160271

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.3
77	63.2	50.7	76.1



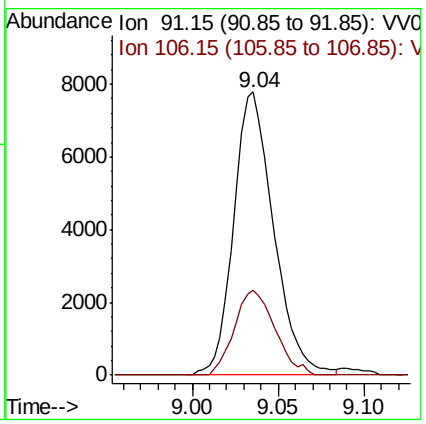


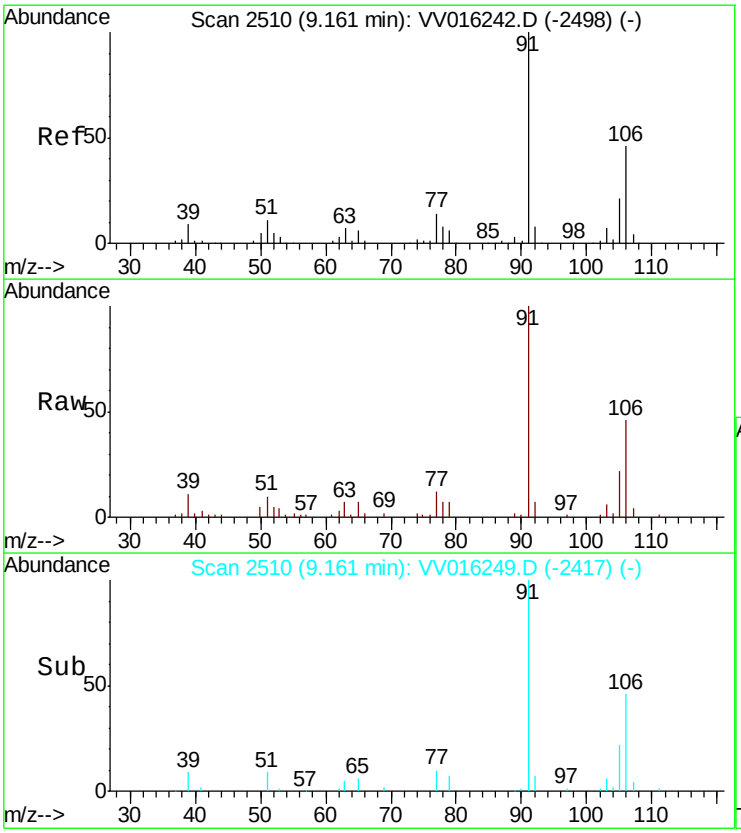
#54
Ethylbenzene
Concen: 0.387 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 12574

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.0	39.0

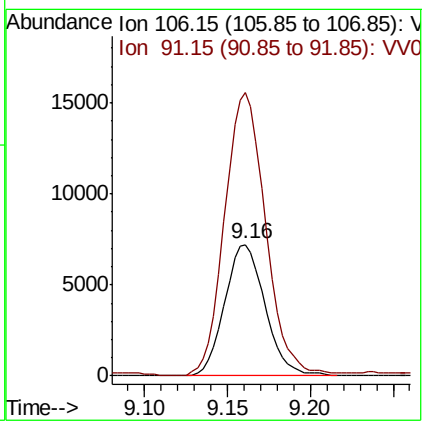


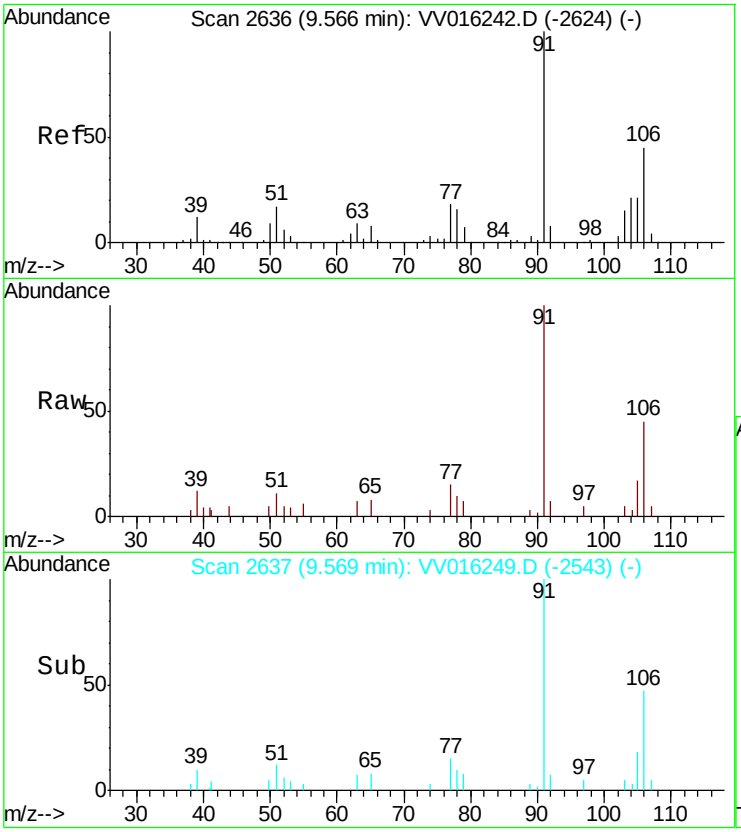


#55
m,p-xylene
Concen: 1.002 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion:106 Resp: 12210

Ion	Ratio	Lower	Upper
106	100		
91	215.8	148.1	275.0



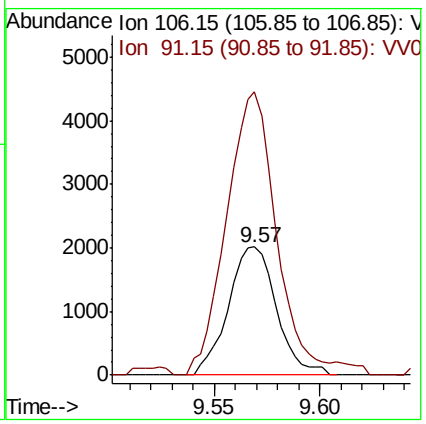


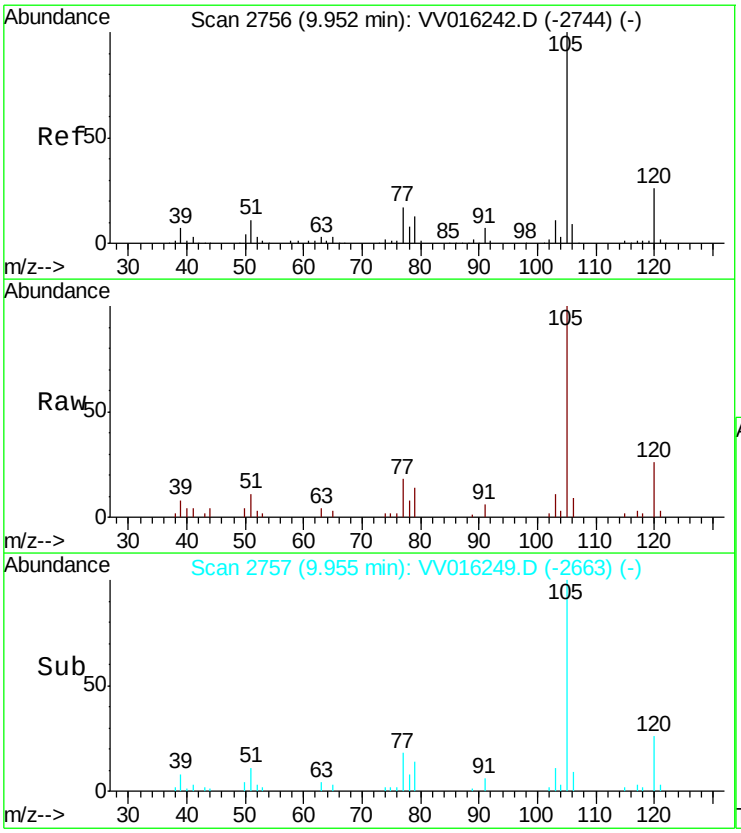
#56
o-xylene
Concen: 0.276 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 3202

Ion	Ratio	Lower	Upper
106	100		
91	220.5	158.8	294.8

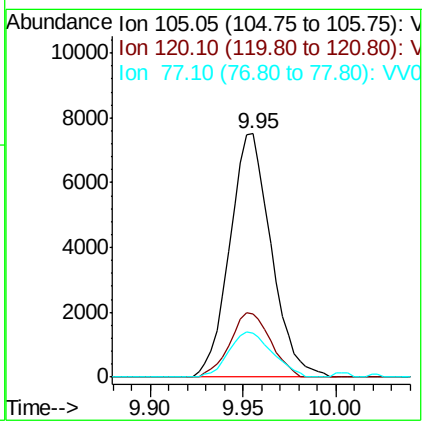


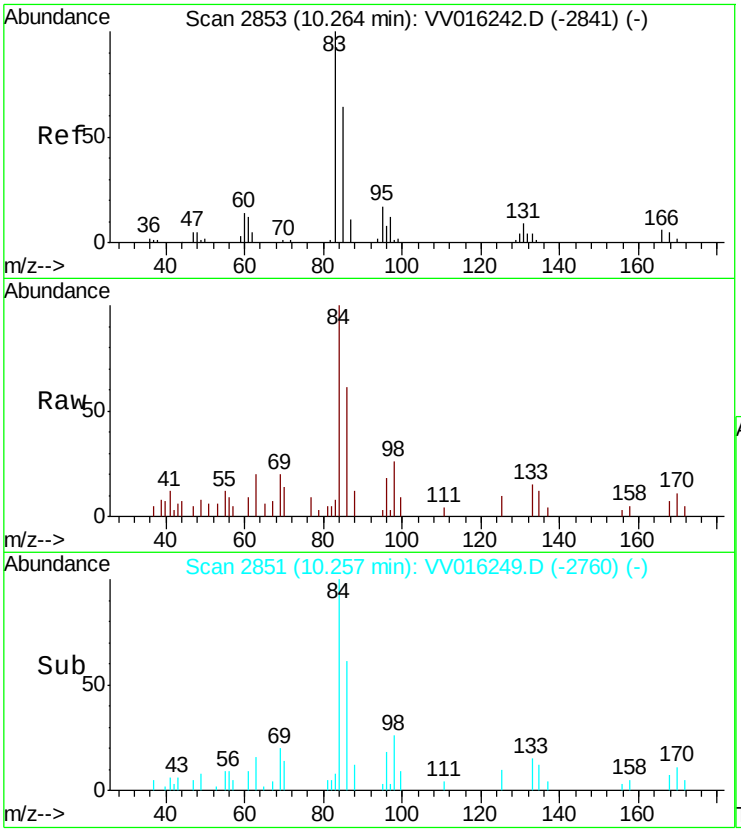


#58
Isopropylbenzene
Concen: 0.366 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion:105 Resp: 11646

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.9	31.3
77	19.4	13.9	20.9



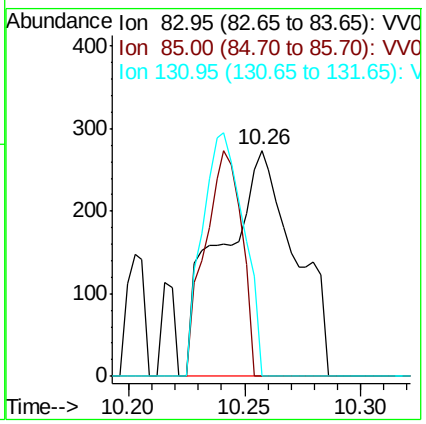


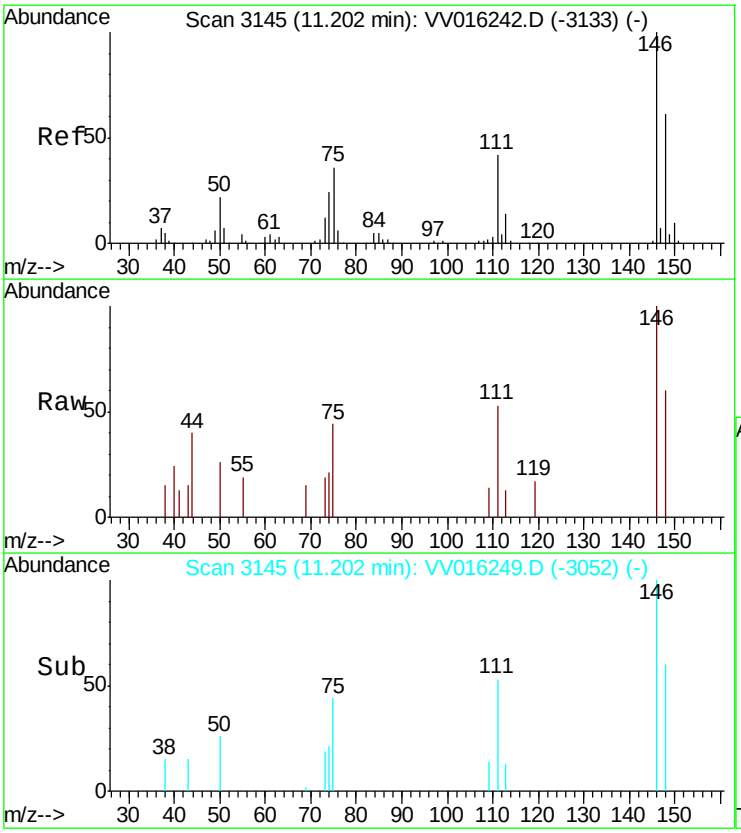
#60
1,1,2,2-Tetrachloroethane
Concen: 0.113 ug/L
RT: 10.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 604

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

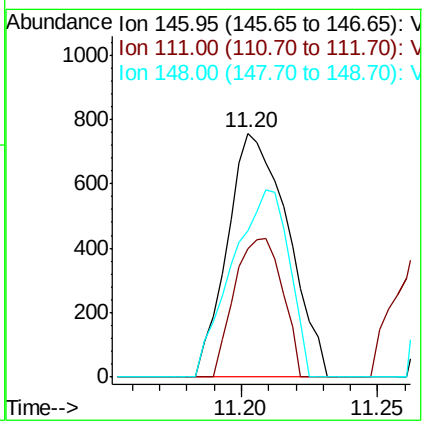


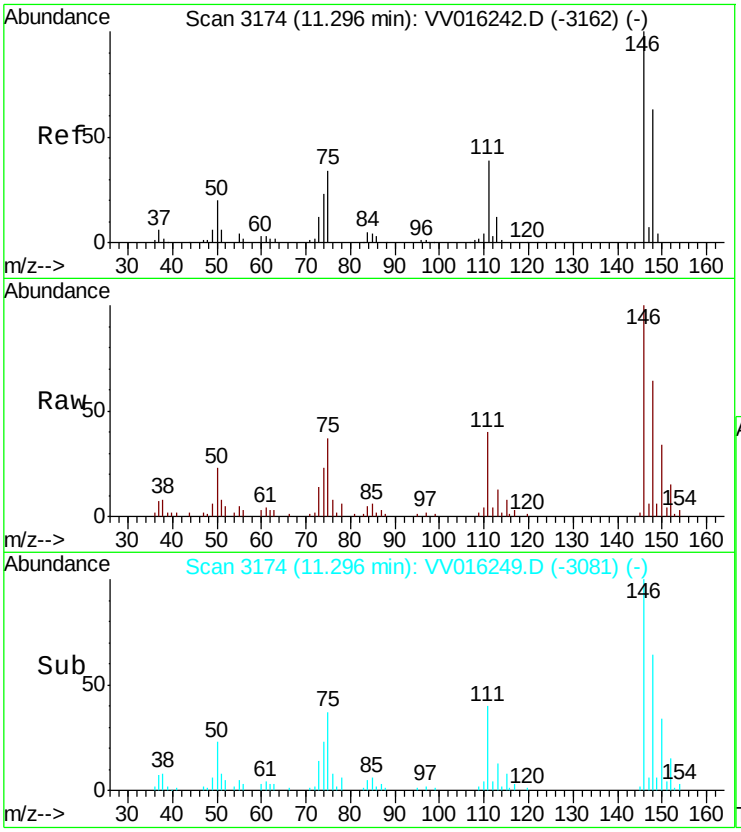


#63
1,3-Dichlorobenzene
Concen: 0.087 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion:146 Resp: 1164

Ion	Ratio	Lower	Upper
146	100		
111	52.9	29.7	55.1
148	60.2	45.9	85.3



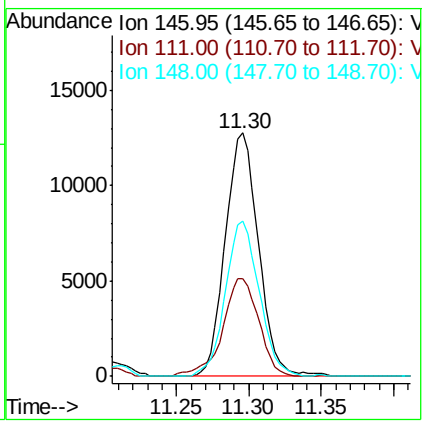


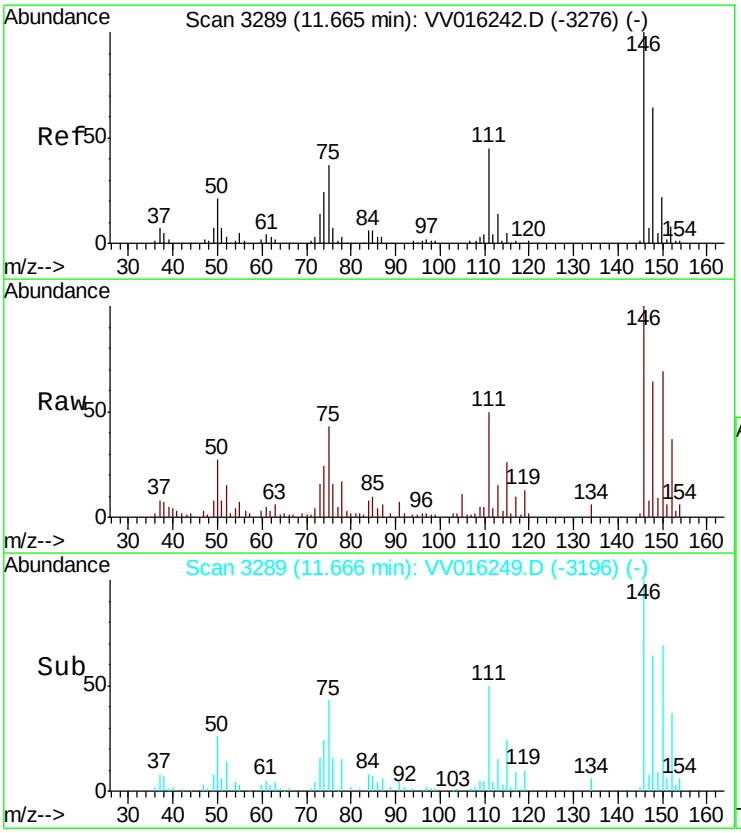
#64
1,4-Dichlorobenzene
Concen: 1.497 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 20349

Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.3	52.7
148	63.7	43.3	80.3

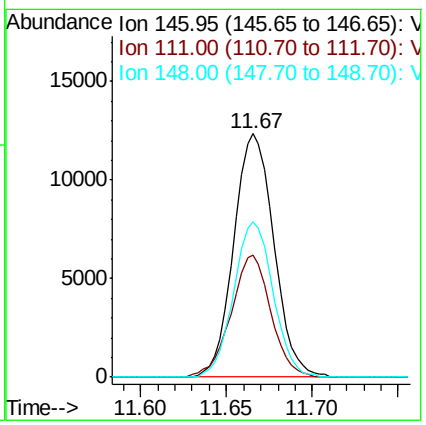


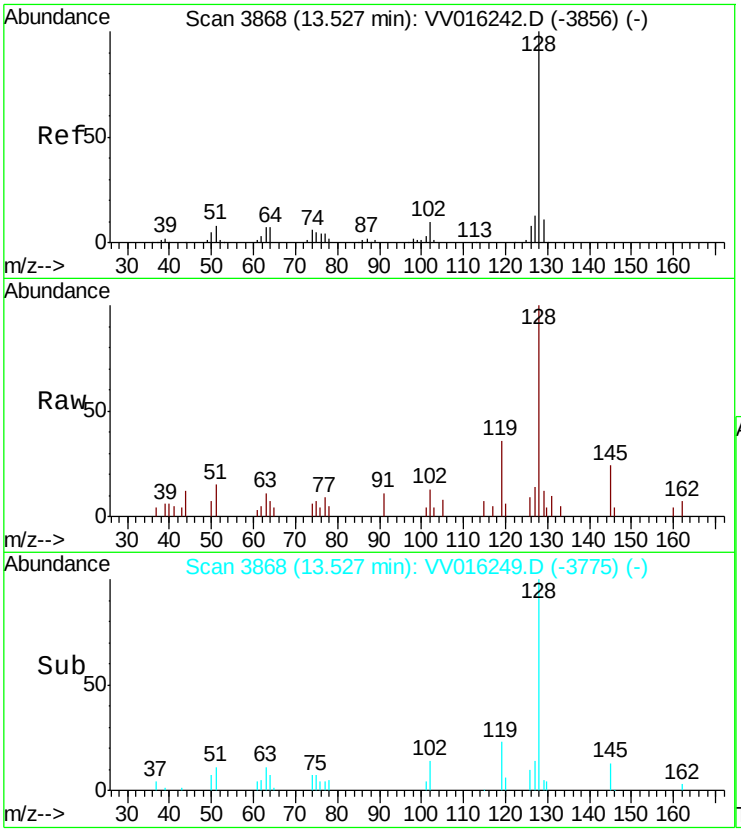


#66
1,2-Dichlorobenzene
Concen: 1.653 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Tgt Ion:146 Resp: 19989

Ion	Ratio	Lower	Upper
146	100		
111	50.4	35.7	53.5
148	63.6	51.3	76.9





#70
Naphthalene
Concen: 0.308 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016249.D
Acq: 28 May 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 5602

Ion	Ratio	Lower	Upper
128	100		
129	20.2	8.6	13.0#
127	18.2	10.6	15.8#