Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073120\
Data File : VW016023.D
Acq On : 31 Jul 2020 16:36
Operator : SY/VA
Sample : L3533-01
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CB7H4

Quant Time: Aug 01 03:01:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 01 02:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	349049	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	251178	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64608	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	103661	21.05	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.20%				
7) Chloroethane-d5	2.89	69	86994	21.75	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.00%				
10) 1,1-Dichloroethene-d2	4.01	63	154576	15.52	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.08%				
20) 2-Butanone-d5	7.08	46	48016	37.11	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.22%				
24) Chloroform-d	7.65	84	208200	21.24	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.96%				
26) 1,2-Dichloroethane-d4	8.31	65	106976	19.88	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.52%				
29) Benzene-d6	8.27	84	425383	27.82	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.28%				
33) 1,2-Dichloropropane-d6	9.27	67	129583	28.27	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.08%				
37) Toluene-d8	10.33	98	336347	24.29	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.16%				
38) trans-1,3-Dichloropropene-	10.58	79	41668	21.33	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.32%				
39) 2-Hexanone-d5	10.93	63	37460	49.08	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.16%				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73351	20.82	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.28%				
61) 1,2-Dichlorobenzene-d4	13.85	152	53207	21.12	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.48%				
Target Compounds							Qvalue
13) Acetone	4.13	43	13505	12.430	ug/L		95
14) Carbon disulfide	4.38	76	5569	0.393	ug/L		96
16) Methylene chloride	4.92	84	45100	7.885	ug/L		88
21) 2-Butanone	7.18	43	5540	4.123	ug/L		93
22) cis-1,2-Dichloroethene	7.17	96	2826	0.570	ug/L		91
30) Cyclohexane	7.96	56	14875	2.349	ug/L		87
35) Trichloroethene	9.09	95	8862	2.196	ug/L		96
36) Methylcyclohexane	9.34	83	67379	9.730	ug/L	#	86
52) Chlorobenzene	11.66	112	26290	2.564	ug/L		94
53) Ethylbenzene	11.73	91	9371	0.521	ug/L		96
54) m,p-Xylene	11.84	106	6444	0.957	ug/L		100
55) o-xylene	12.16	106	6116	0.965	ug/L		96
57) Isopropylbenzene	12.47	105	52174	3.024	ug/L	#	83
63) 1,3-Dichlorobenzene	13.50	146	1895	0.458	ug/L	#	1
64) 1,4-Dichlorobenzene	13.58	146	4023	0.959	ug/L	#	17
65) 1,2-Dichlorobenzene	13.87	146	4845	1.290	ug/L	#	33

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073120\
Data File : VW016023.D
Acq On : 31 Jul 2020 16:36
Operator : SY/VA
Sample : L3533-01
Misc : 5.18G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CB7H4

Quant Time: Aug 01 03:01:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 01 02:48:19 2020
Response via : Initial Calibration

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

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073120\
Data File : VW016023.D
Acq On : 31 Jul 2020 16:36
Operator : SY/VA
Sample : L3533-01
Misc : 5.18G/10ML/MSVOA_W/SOIL
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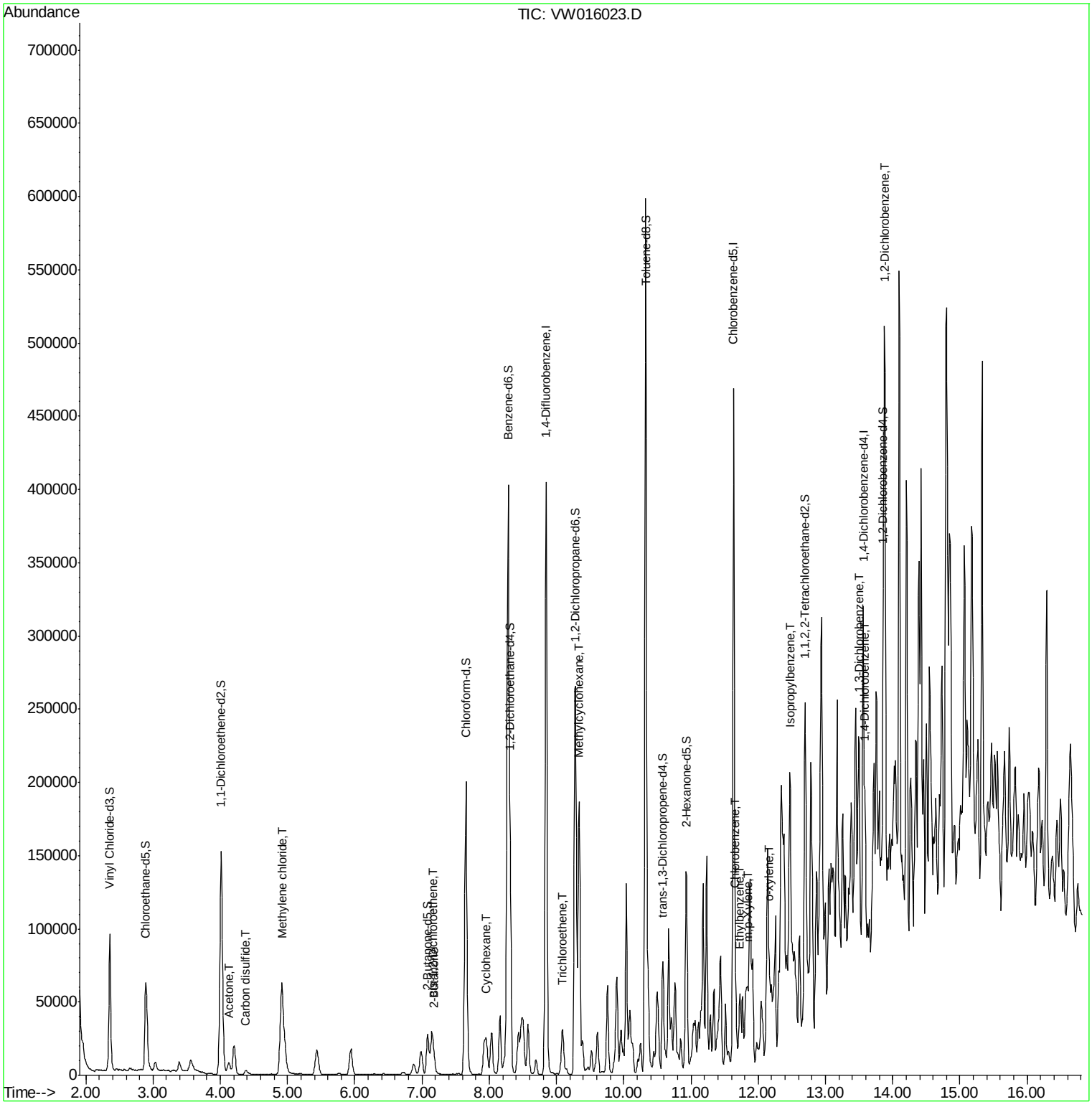
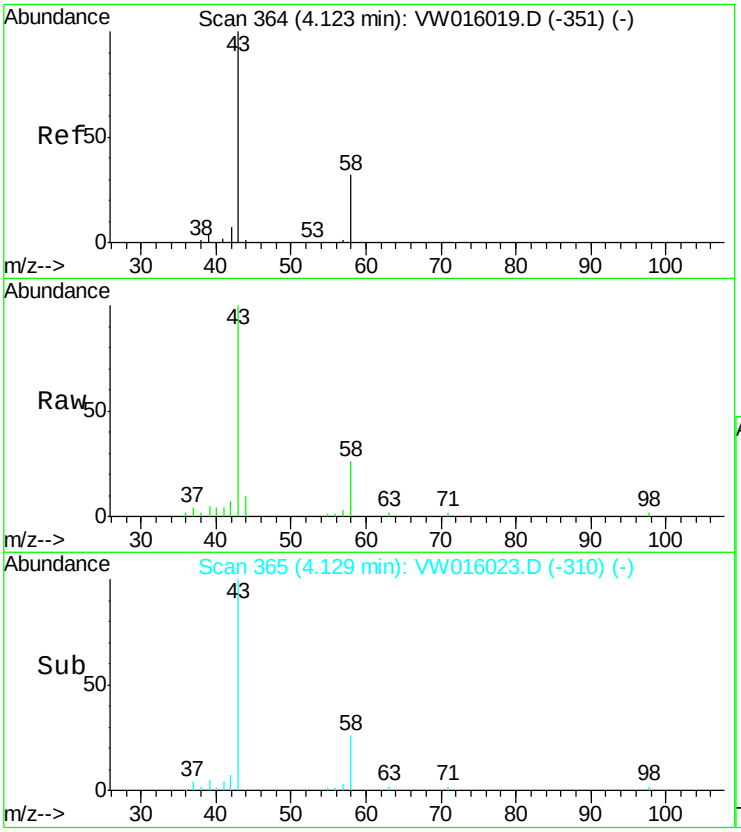
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 01 02:48:19 2020
Response via : Initial Calibration



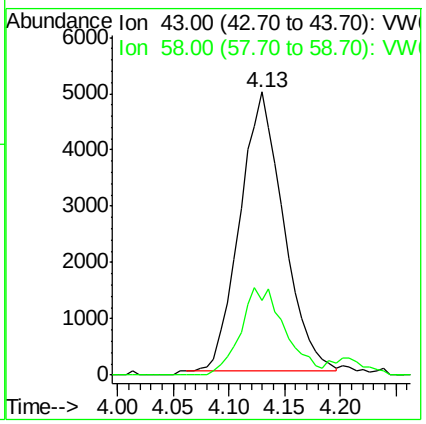


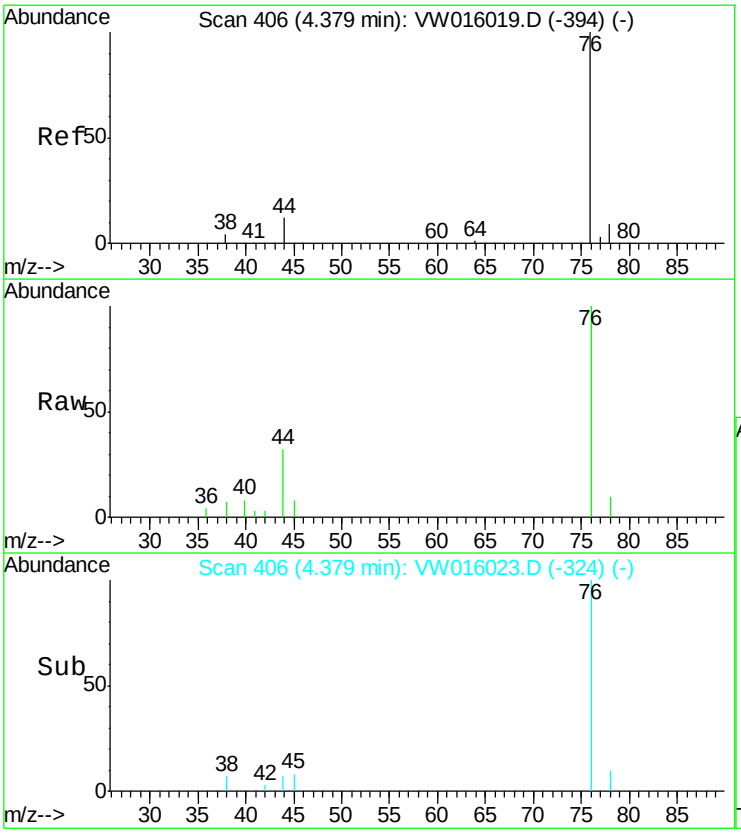
#13
Acetone
Concen: 12.430 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument : MSVOA_W
ClientSampleId : CB7H4

Tgt Ion: 43 Resp: 13505

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	58.2

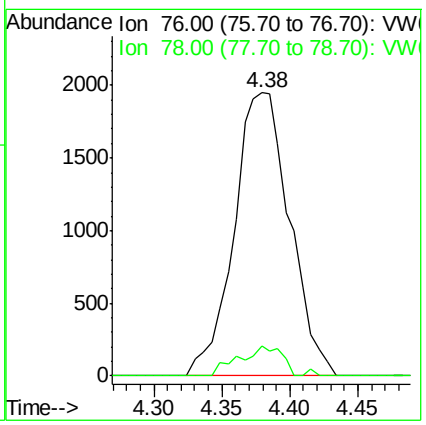


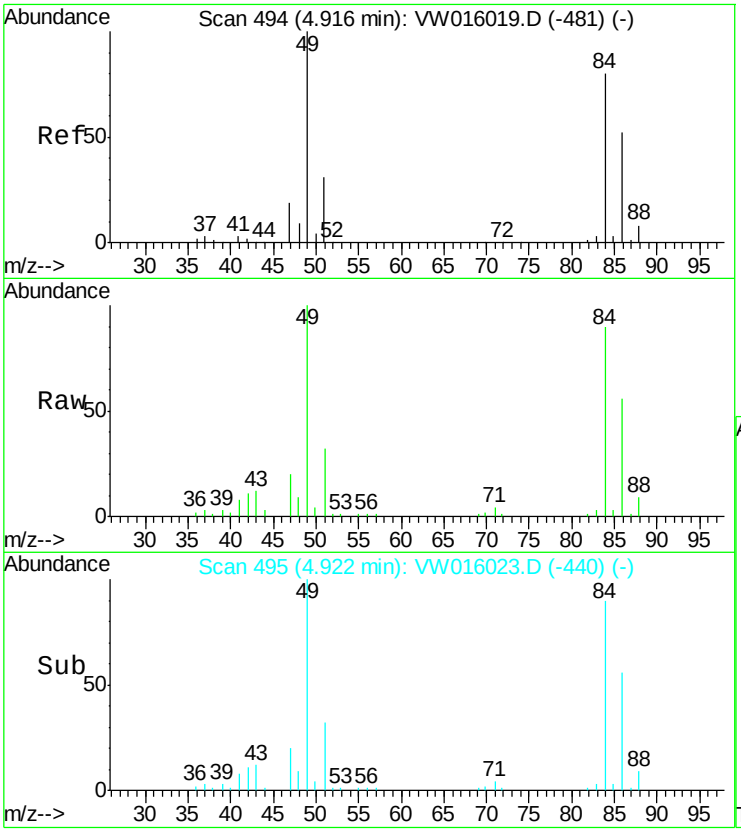


#14
Carbon disulfide
Concen: 0.393 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion: 76 Resp: 5569

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.2	10.8



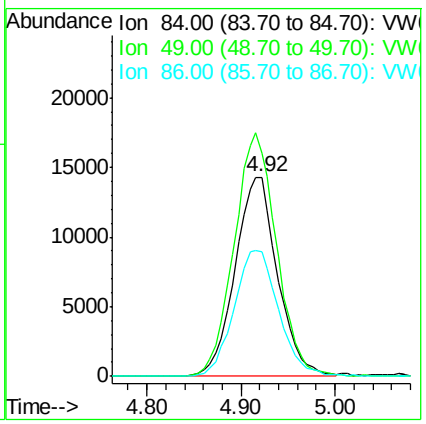


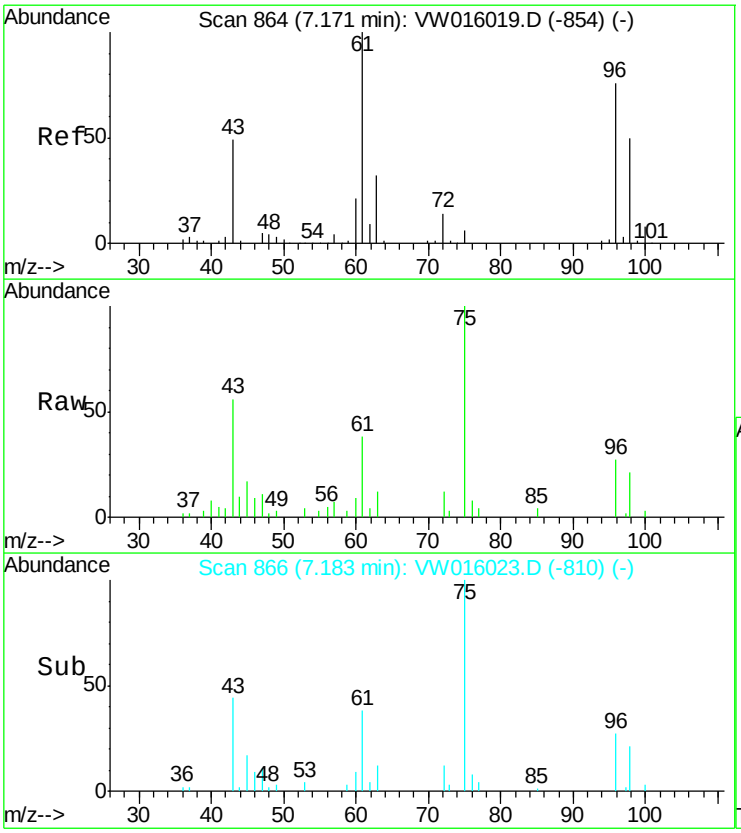
#16
Methylene chloride
Concen: 7.885 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument : MSVOA_W
ClientSampleId : CB7H4

Tgt Ion: 84 Resp: 45100

Ion	Ratio	Lower	Upper
84	100		
49	111.6	91.1	169.1
86	62.6	46.0	85.4

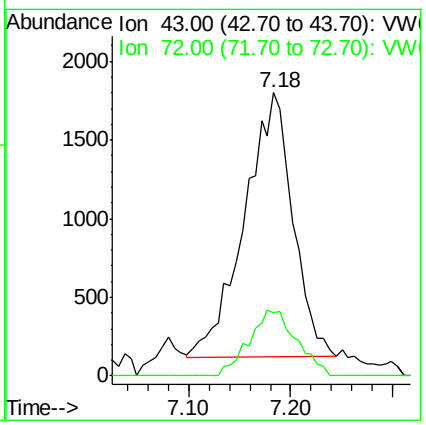


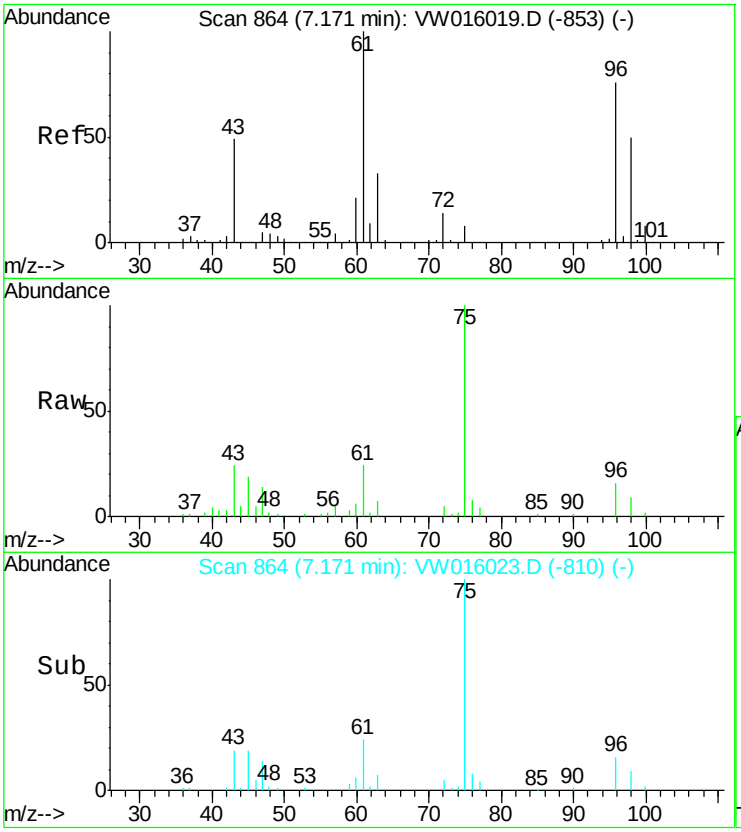


#21
2-Butanone
Concen: 4.123 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion: 43 Resp: 5540

Ion	Ratio	Lower	Upper
43	100		
72	24.4	13.9	41.7



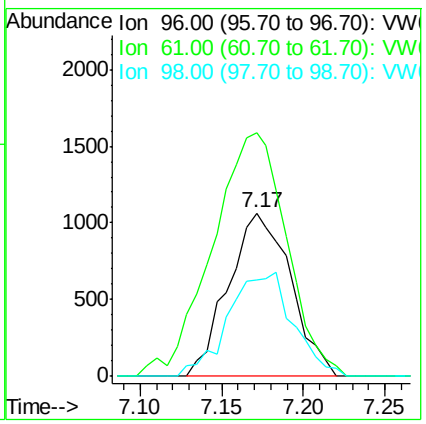


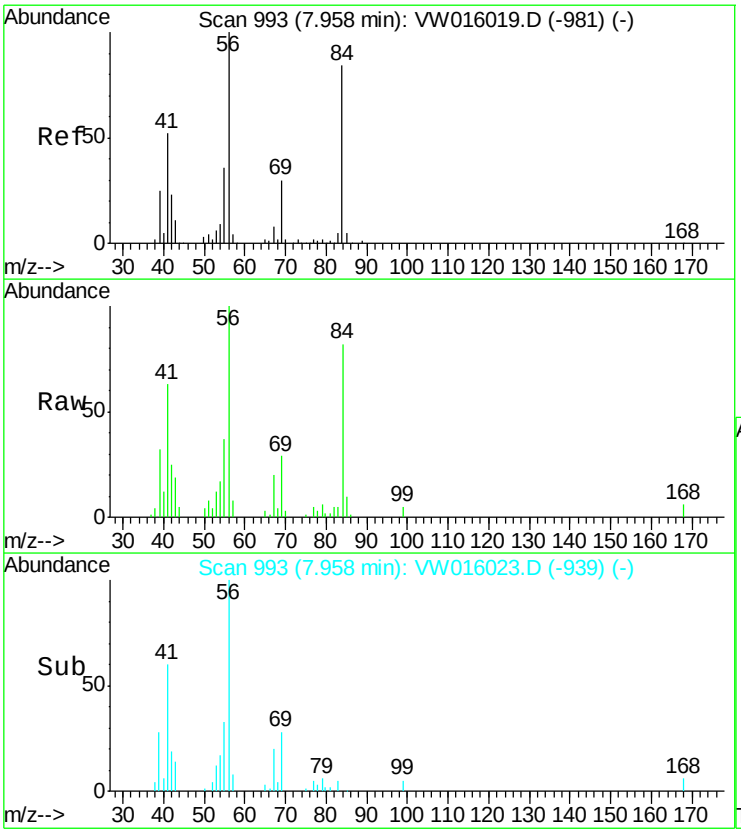
#22
cis-1,2-Dichloroethene
Concen: 0.570 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument :
MSVOA_W
ClientSampleId :
CB7H4

Tgt Ion: 96 Resp: 2826

Ion	Ratio	Lower	Upper
96	100		
61	148.9	94.6	175.8
98	59.3	44.3	82.3

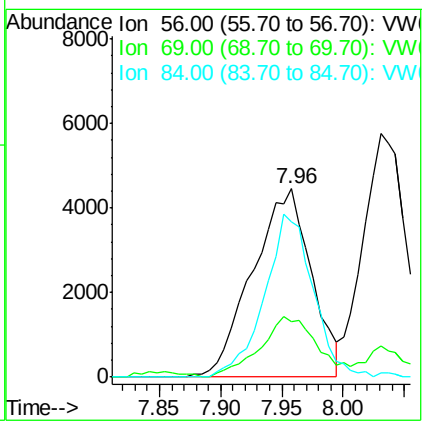


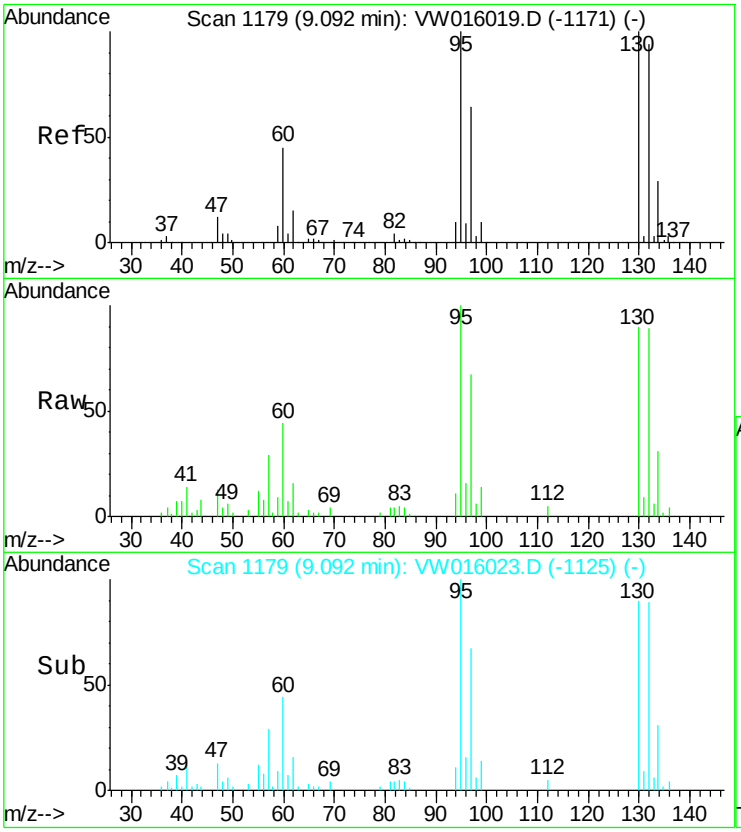


#30
Cyclohexane
Concen: 2.349 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion: 56 Resp: 14875

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.4	36.6
84	71.3	69.3	103.9



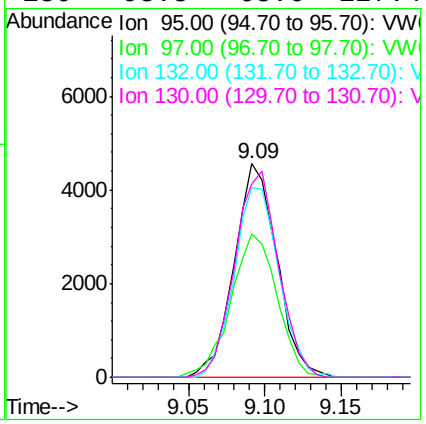


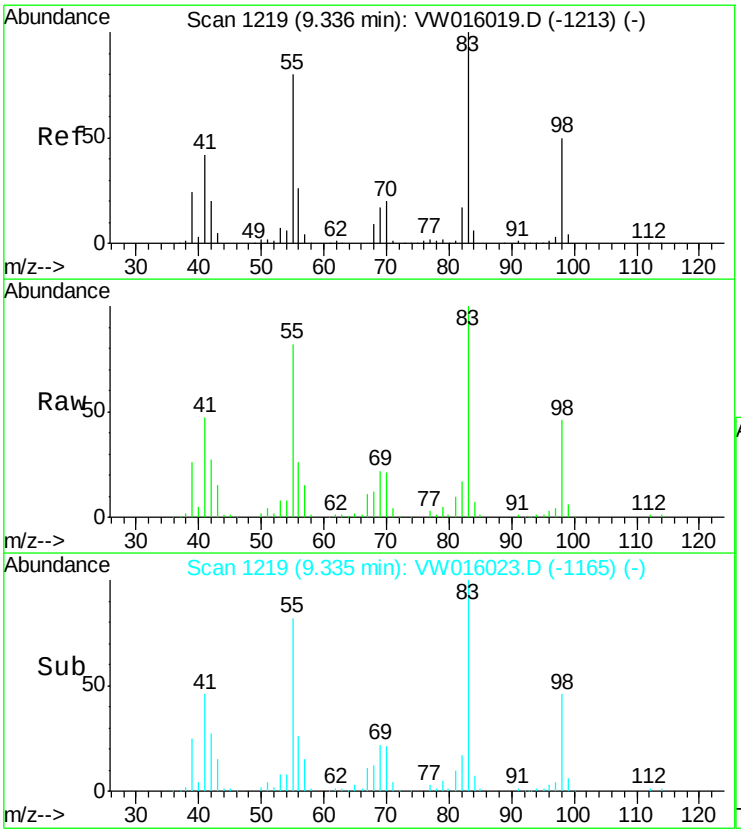
#35
Trichloroethene
Concen: 2.196 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument :
MSVOA_W
ClientSampleId :
CB7H4

Tgt Ion: 95 Resp: 8862

Ion	Ratio	Lower	Upper
95	100		
97	72.7	44.4	82.4
132	93.6	65.1	120.9
130	98.8	68.6	127.4

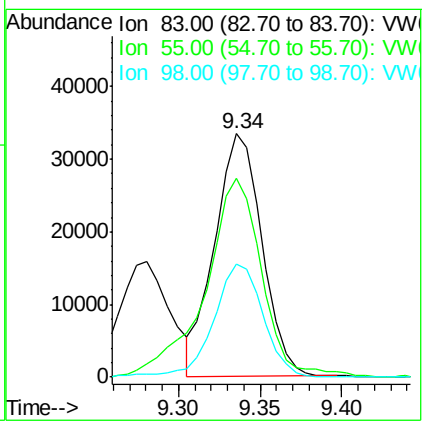


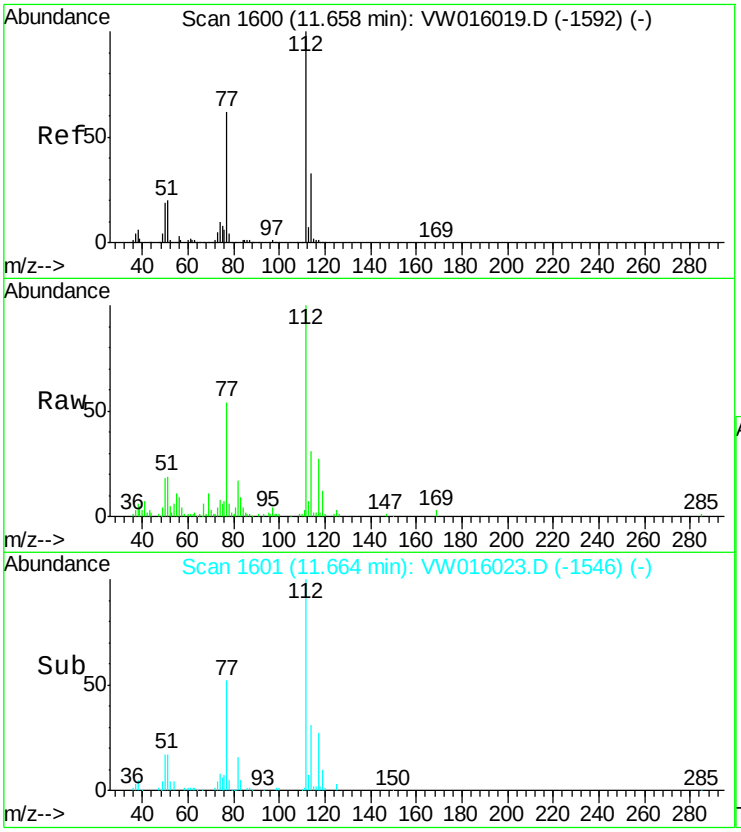


#36
Methylcyclohexane
Concen: 9.730 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion: 83 Resp: 67379

Ion	Ratio	Lower	Upper
83	100		
55	98.6	63.5	95.3#
98	48.1	39.0	58.4



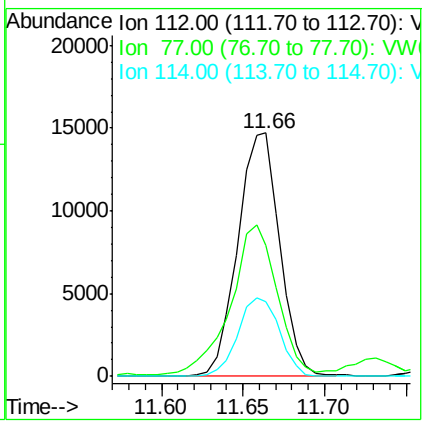


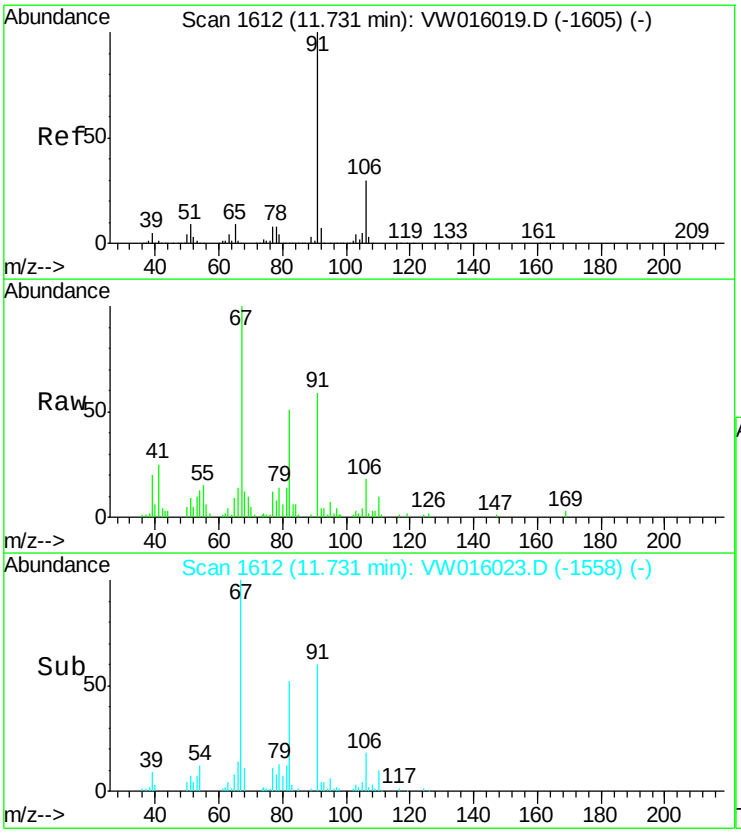
#52
Chlorobenzene
Concen: 2.564 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument : MSVOA_W
ClientSampleId : CB7H4

Tgt Ion:112 Resp: 26290

Ion	Ratio	Lower	Upper
112	100		
77	53.5	47.8	71.6
114	30.7	22.1	41.1

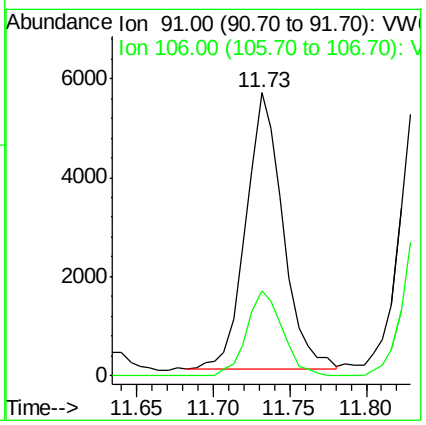


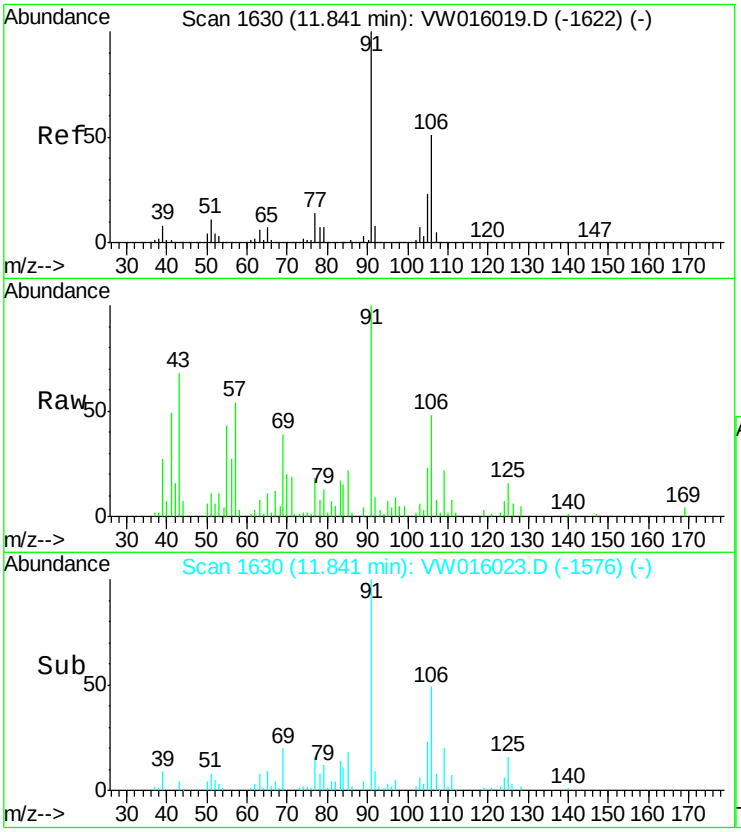


#53
Ethylbenzene
Concen: 0.521 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion: 91 Resp: 9371

Ion	Ratio	Lower	Upper
91	100		
106	30.0	22.4	41.6



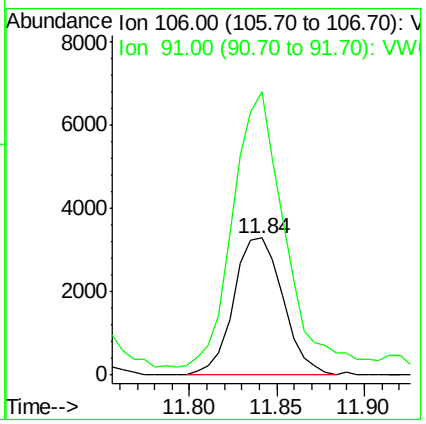


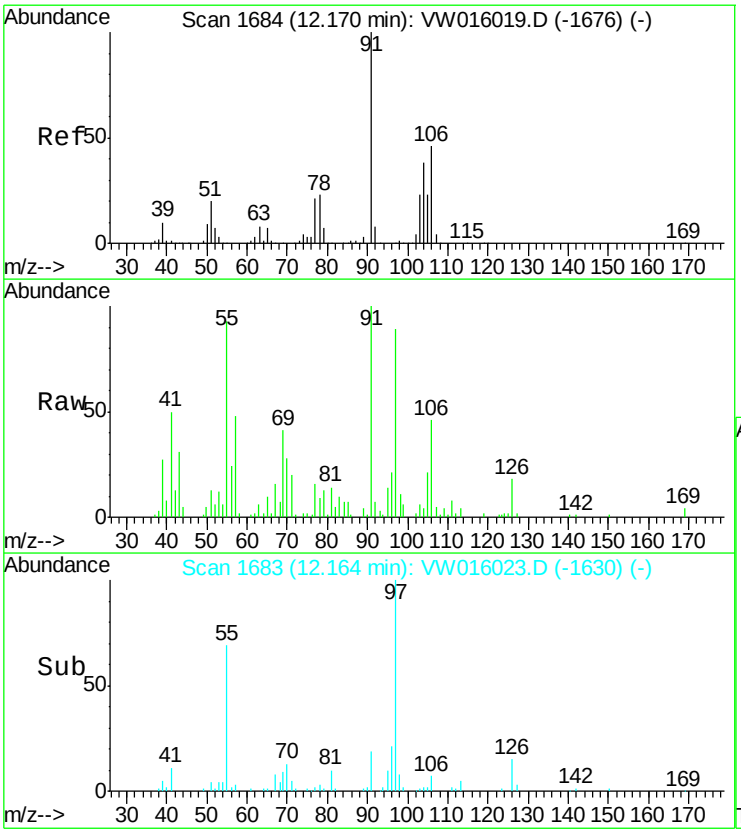
#54
m,p-Xylene
Concen: 0.957 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument :
MSVOA_W
ClientSampleId :
CB7H4

Tgt Ion:106 Resp: 6444

Ion	Ratio	Lower	Upper
106	100		
91	206.2	144.1	267.5

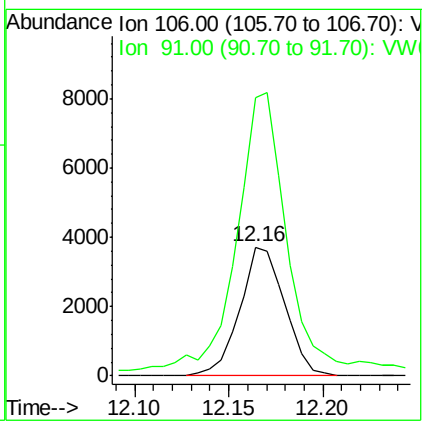


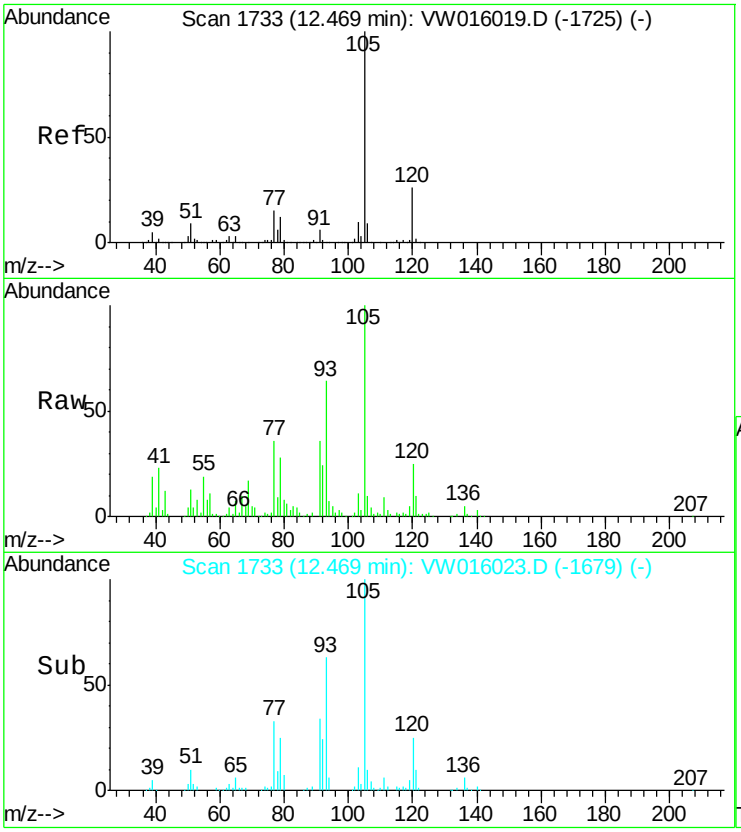


#55
o-xylene
Concen: 0.965 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion:106 Resp: 6116

Ion	Ratio	Lower	Upper
106	100		
91	215.5	146.8	272.6



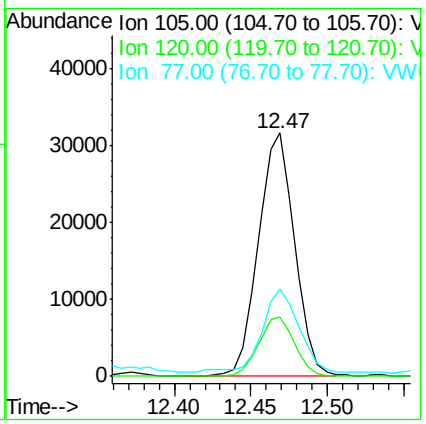


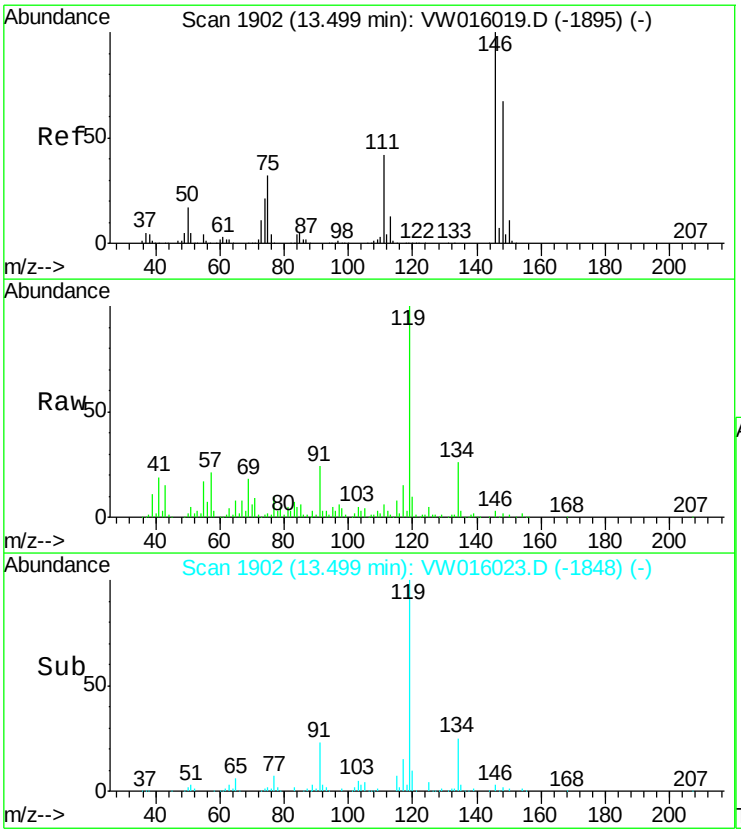
#57
Isopropylbenzene
Concen: 3.024 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument : MSVOA_W
ClientSampleId : CB7H4

Tgt Ion:105 Resp: 52174

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.4	30.6
77	33.5	12.9	19.3#

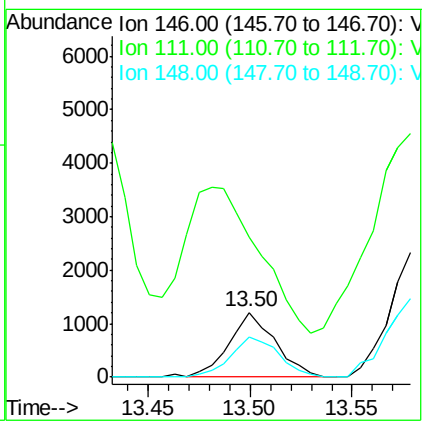


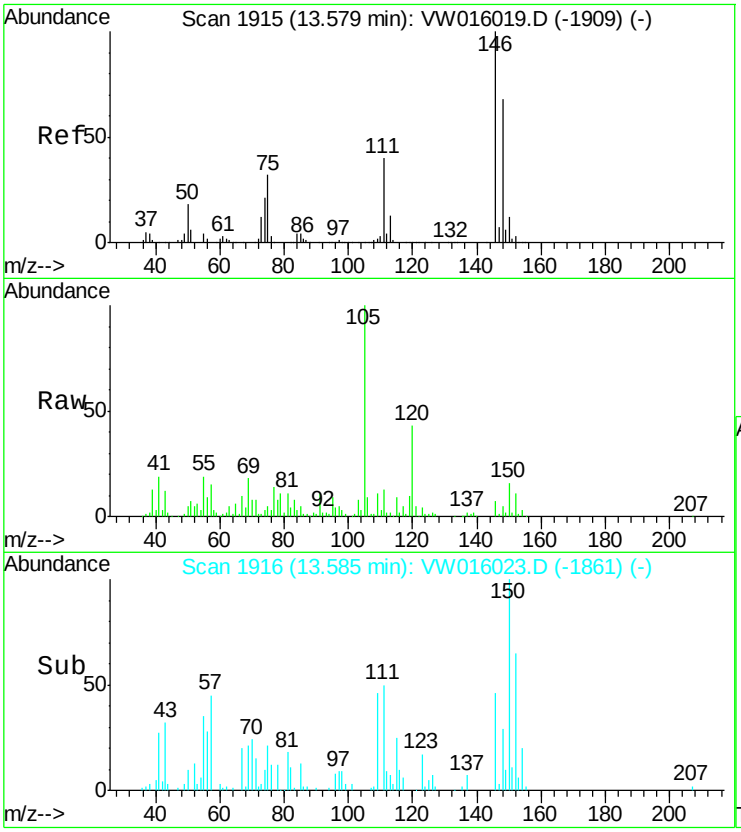


#63
1,3-Dichlorobenzene
Concen: 0.458 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion:146 Resp: 1895

Ion	Ratio	Lower	Upper
146	100		
111	215.7	27.9	51.7#
148	62.0	43.2	80.2



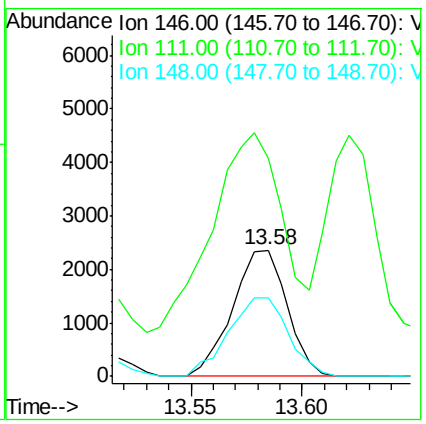


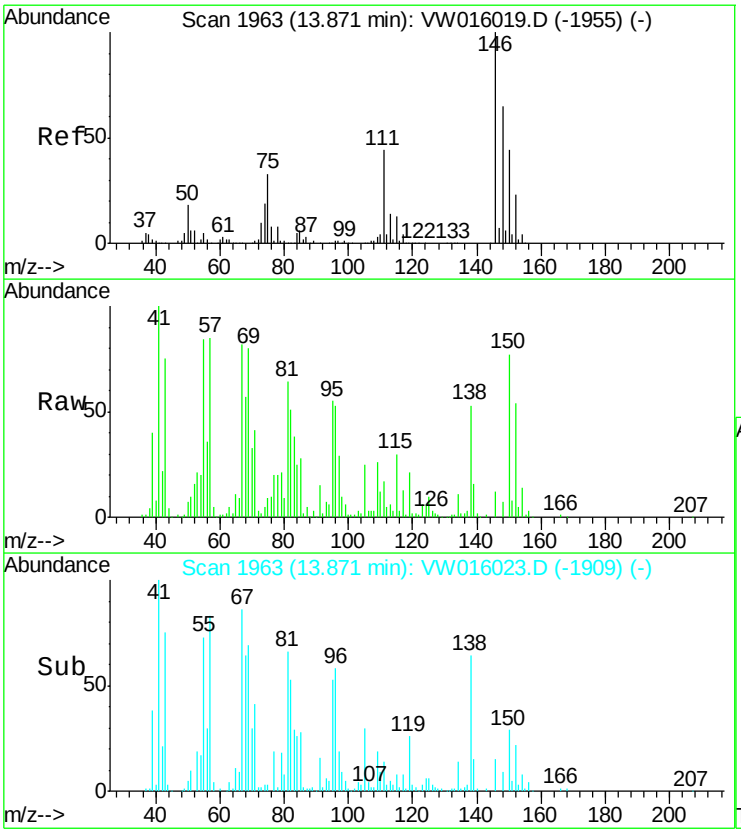
#64
1,4-Dichlorobenzene
Concen: 0.959 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Instrument : MSVOA_W
ClientSampleId : CB7H4

Tgt Ion:146 Resp: 4023

Ion	Ratio	Lower	Upper
146	100		
111	172.8	29.3	54.3#
148	62.4	44.5	82.7





#65
1,2-Dichlorobenzene
Concen: 1.290 ug/L
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW016023.D
Acq: 31 Jul 2020 16:36

Tgt Ion:146 Resp: 4845

Ion	Ratio	Lower	Upper
146	100		
111	140.8	32.9	49.3#
148	57.5	48.8	73.2