Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
Data File : VN071915.D
Acq On : 08 Apr 2022 15:19
Operator : JC\MD
Sample : N2299-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Quant Time: Apr 09 05:21:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.657	128	82174	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	447980	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	399233	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	165840	28.644	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 95.467%			
60) 4-Bromofluorobenzene	12.727	95	148810	25.138	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.800%			
63) Toluene-d8	10.439	98	550124	30.355	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%			
Target Compounds						Qvalue
15) Acetone	4.281	58	455809	521.239	ug/l	76
16) Carbon Disulfide	4.540	76	85192	6.873	ug/l	95
30) 2-Butanone	7.334	43	57483	14.242	ug/l	98
58) 4-Methyl-2-Pentanone	10.327	43	31062	4.099	ug/l	92
62) Toluene	10.498	91	20219	0.835	ug/l	97
66) Ethyl Benzene	11.839	91	9166	0.348	ug/l	94
67) m/p-Xylenes	11.945	106	10151	0.992	ug/l	100
68) o-Xylene	12.274	106	5776	0.568	ug/l	95
76) 1,3,5-Trimethylbenzene	13.057	105	5478	0.267	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	17565	0.884	ug/l #	82

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

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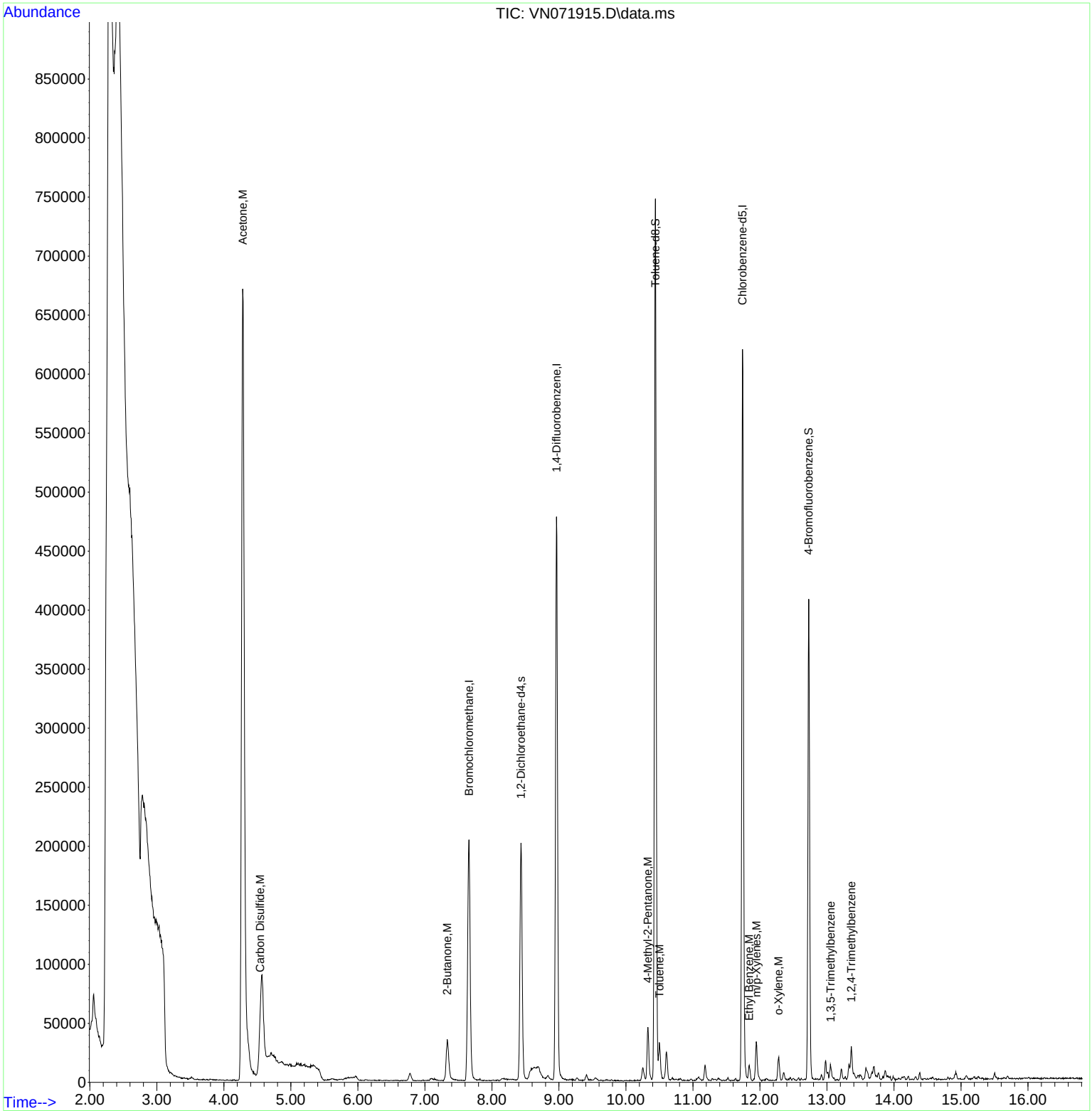
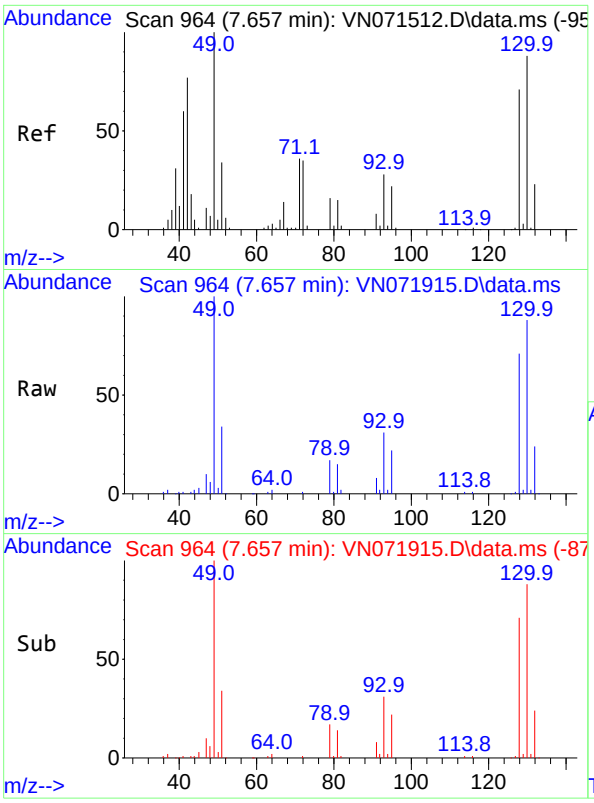


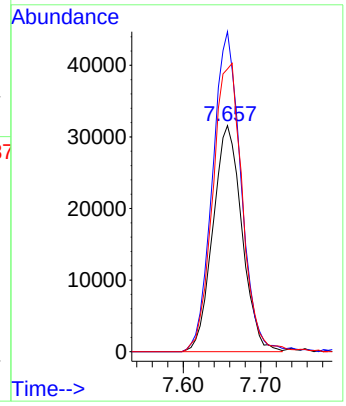


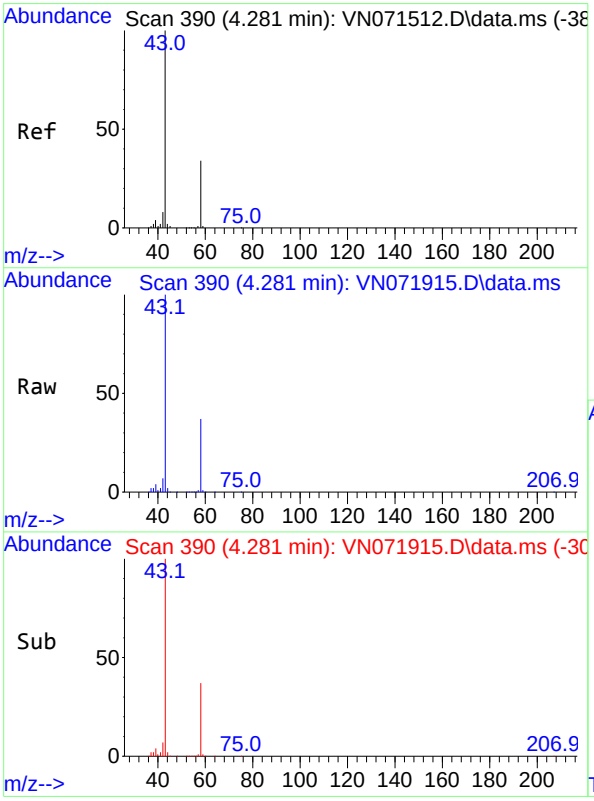
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion:128 Resp: 82174

Ion	Ratio	Lower	Upper
128	100		
49	137.2	0.0	392.3
130	128.9	0.0	320.2

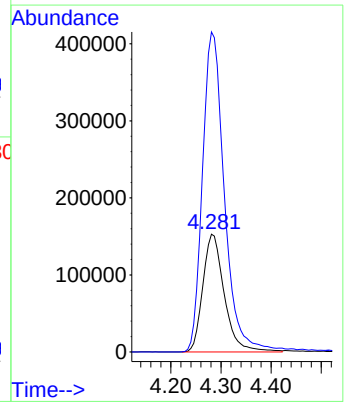


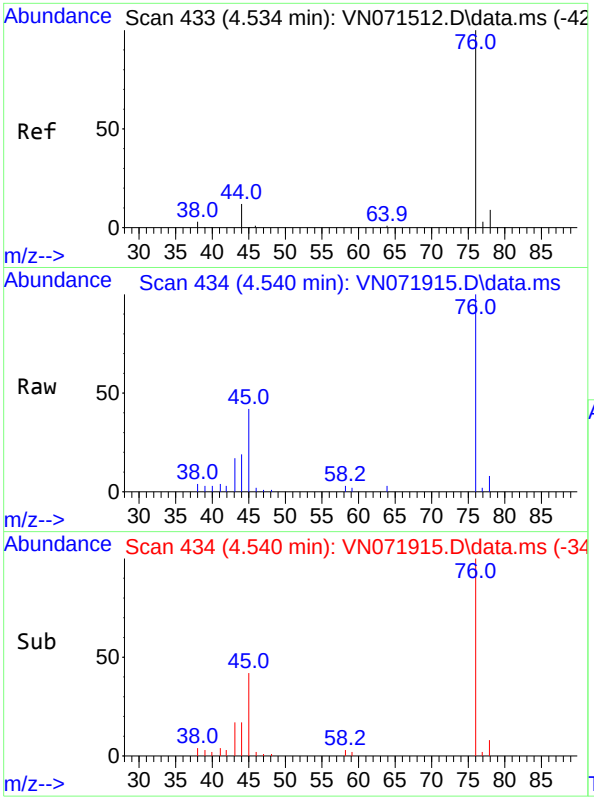


#15
Acetone
Concen: 521.239 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion: 58 Resp: 455809

Ion	Ratio	Lower	Upper
58	100		
43	271.4	256.6	384.8



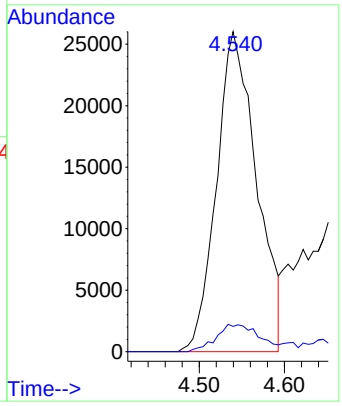


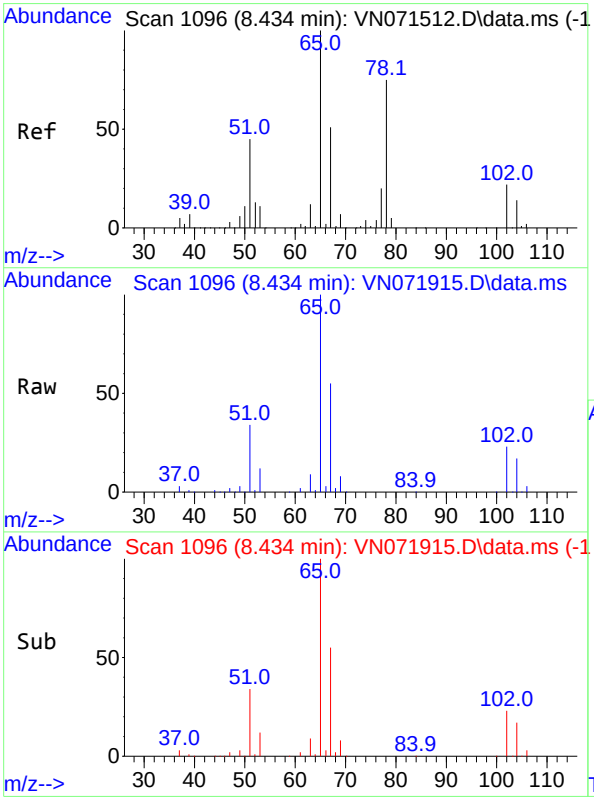
#16
Carbon Disulfide
Concen: 6.873 ug/l
RT: 4.540 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion: 76 Resp: 85192

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.8	11.8

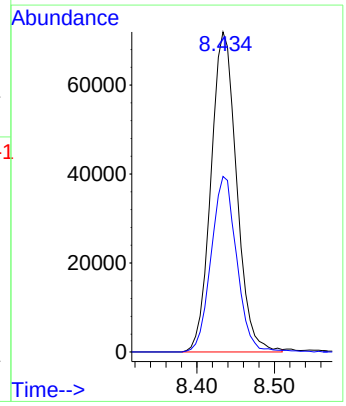


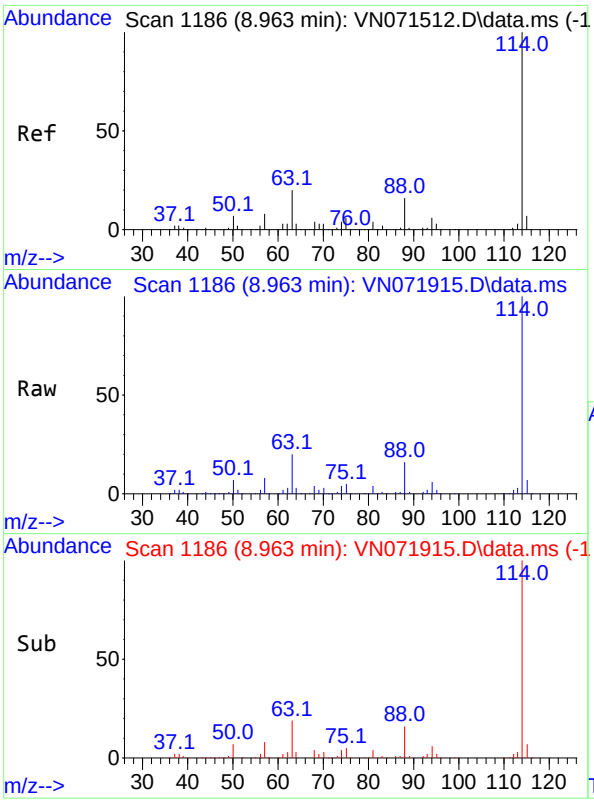


#27
1,2-Dichloroethane-d4
Concen: 28.644 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion: 65 Resp: 165840

Ion	Ratio	Lower	Upper
65	100		
67	54.1	40.2	60.2



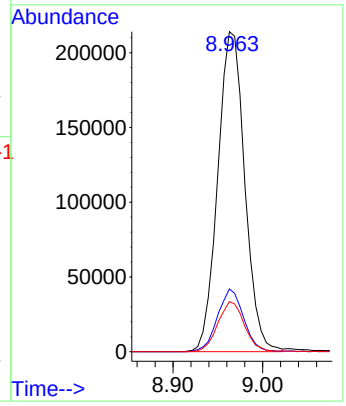


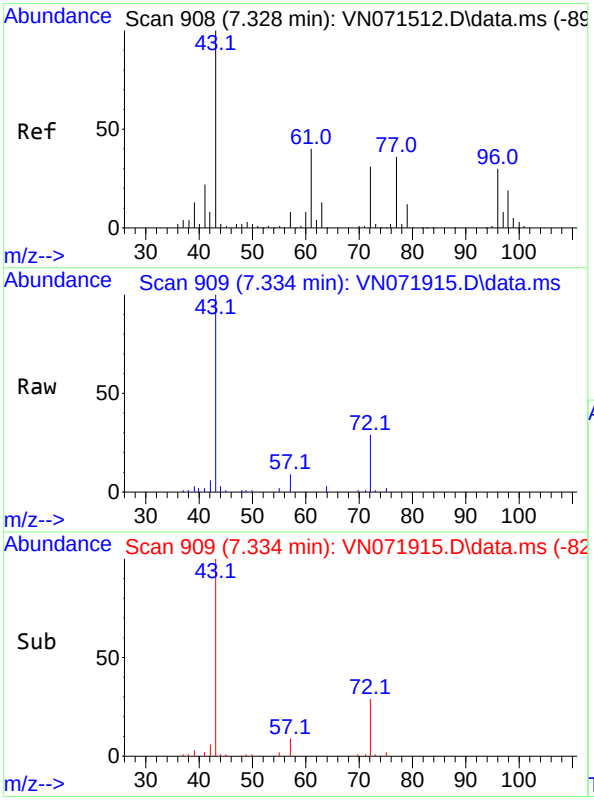
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion:114 Resp: 447980

Ion	Ratio	Lower	Upper
114	100		
63	18.8	15.8	23.6
88	15.3	11.6	17.4

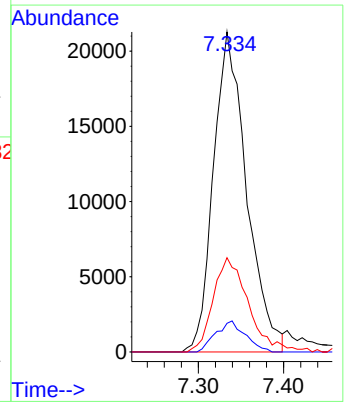


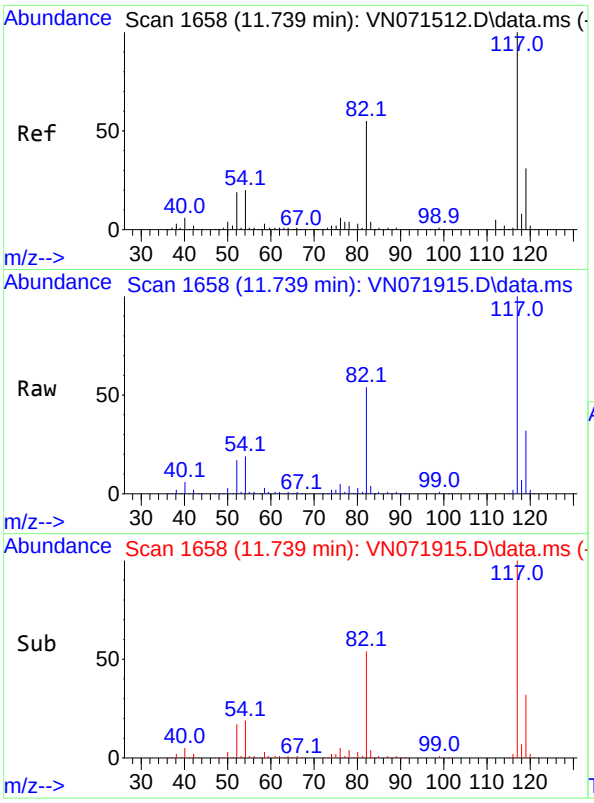


#30
2-Butanone
Concen: 14.242 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion: 43 Resp: 57483

Ion	Ratio	Lower	Upper
43	100		
57	8.7	6.7	10.1
72	29.9	23.2	34.8



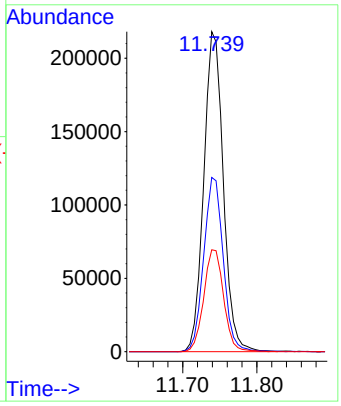


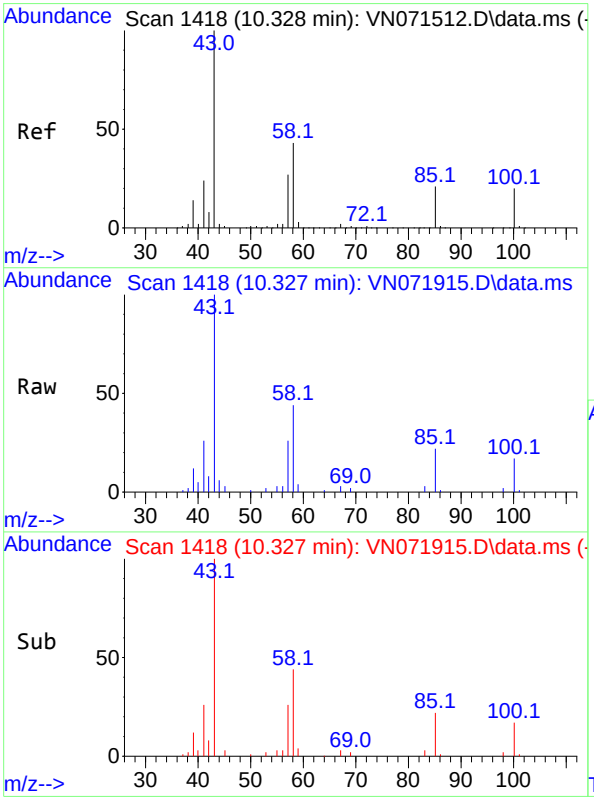
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion:117 Resp: 399233

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	32.4	25.8	38.6

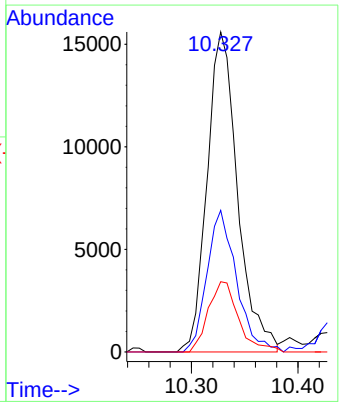


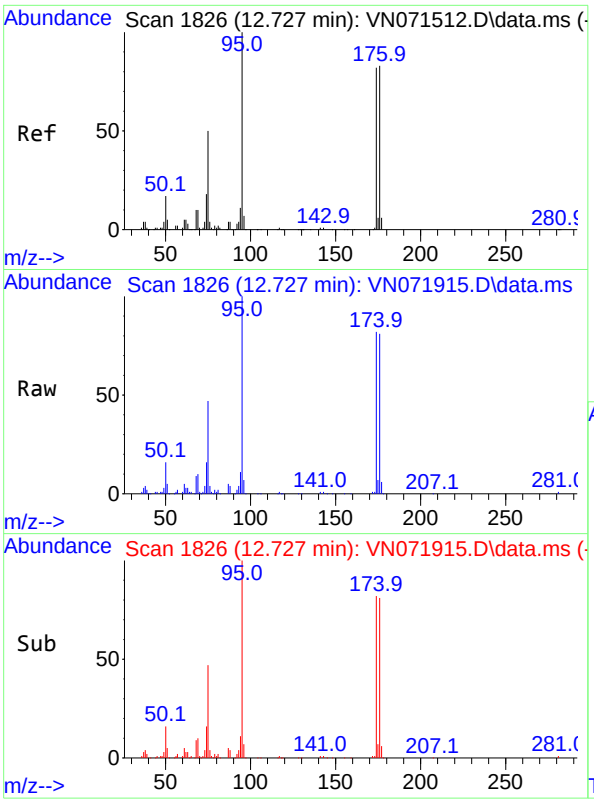


#58
4-Methyl-2-Pentanone
Concen: 4.099 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion: 43 Resp: 31062

Ion	Ratio	Lower	Upper
43	100		
58	42.9	30.0	45.0
85	21.7	15.0	22.6



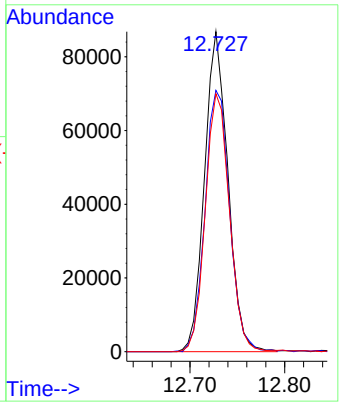


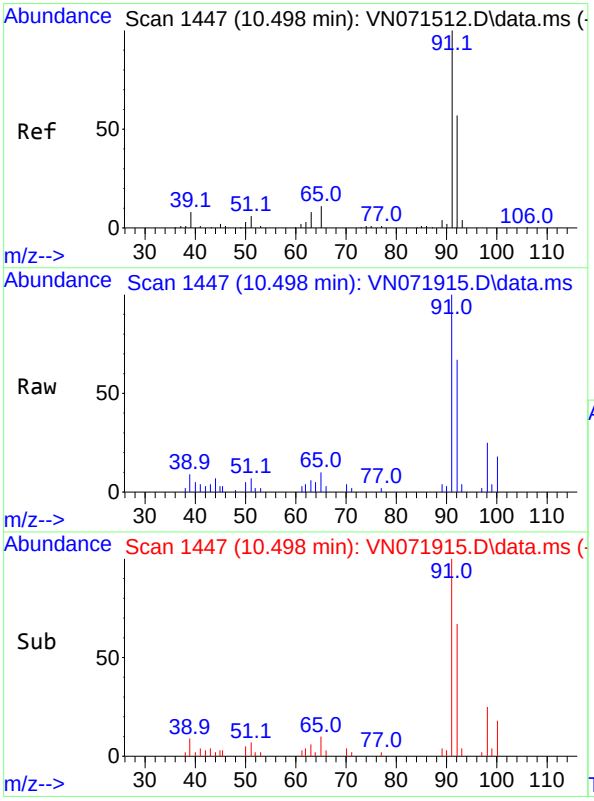
#60
4-Bromofluorobenzene
Concen: 25.138 ug/l
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion: 95 Resp: 148810

Ion	Ratio	Lower	Upper
95	100		
174	85.9	62.9	94.3
176	83.1	61.0	91.4

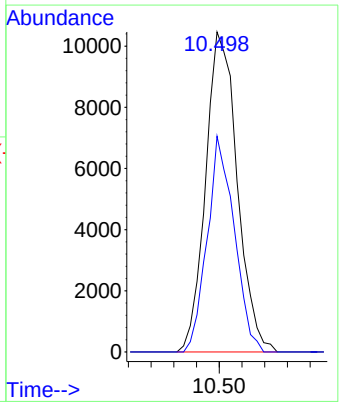


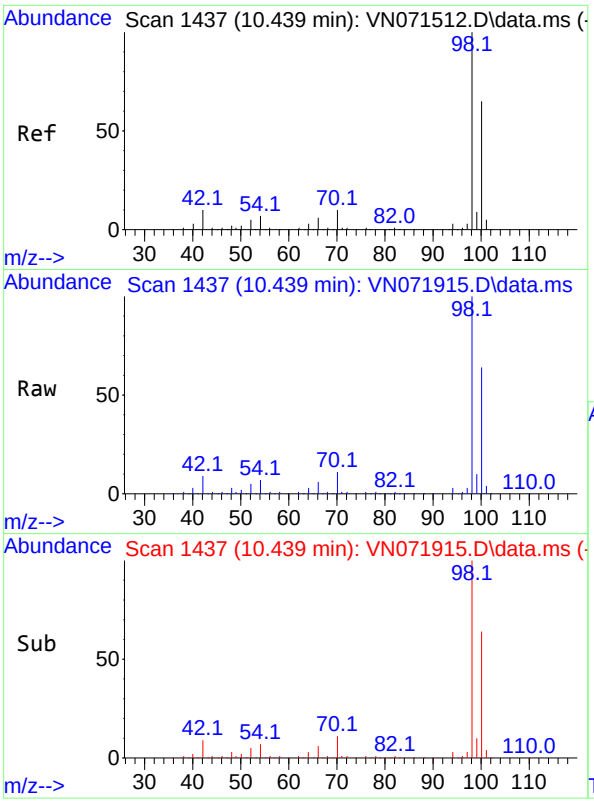


#62
Toluene
Concen: 0.835 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion: 91 Resp: 20219

Ion	Ratio	Lower	Upper
91	100		
92	57.7	44.6	67.0



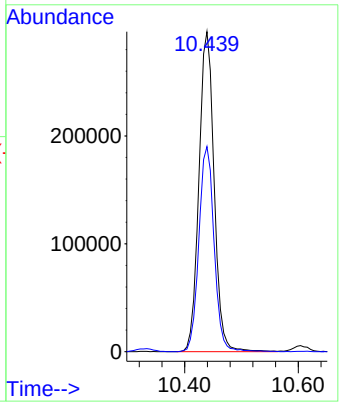


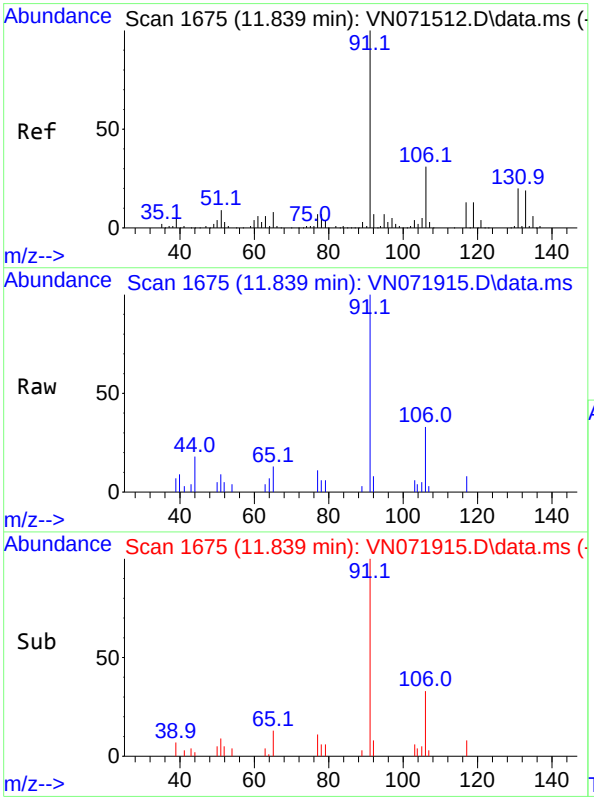
#63
Toluene-d8
Concen: 30.355 ug/l
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion: 98 Resp: 550124

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	76.0

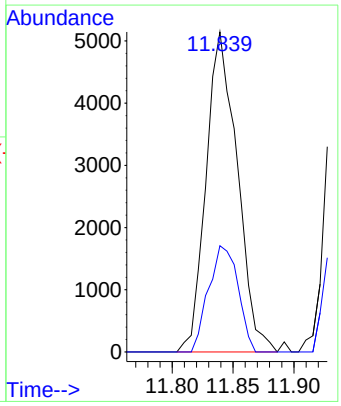


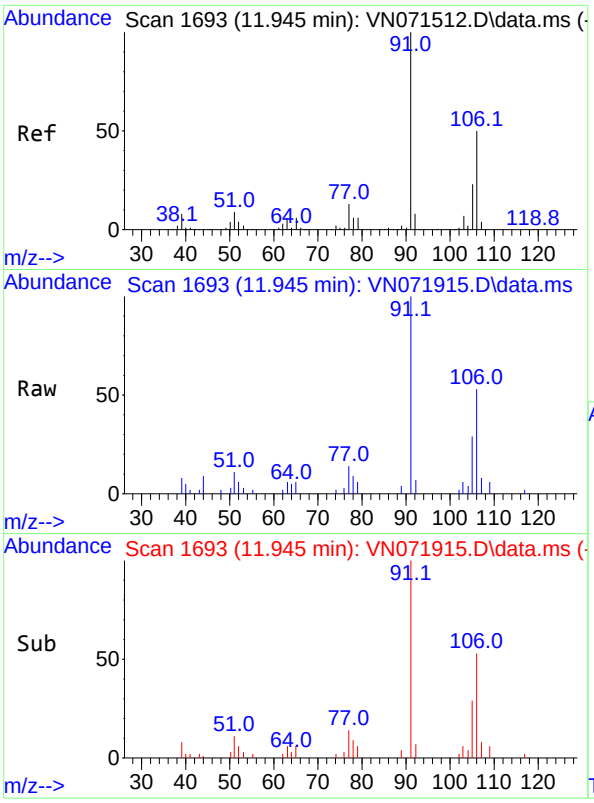


#66
Ethyl Benzene
Concen: 0.348 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion: 91 Resp: 9166

Ion	Ratio	Lower	Upper
91	100		
106	33.2	24.0	36.0



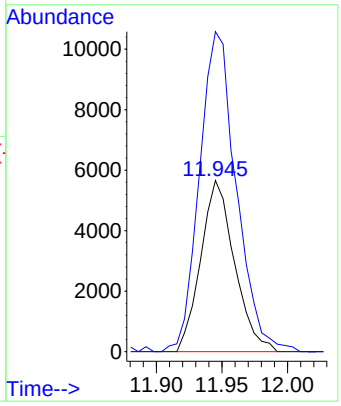


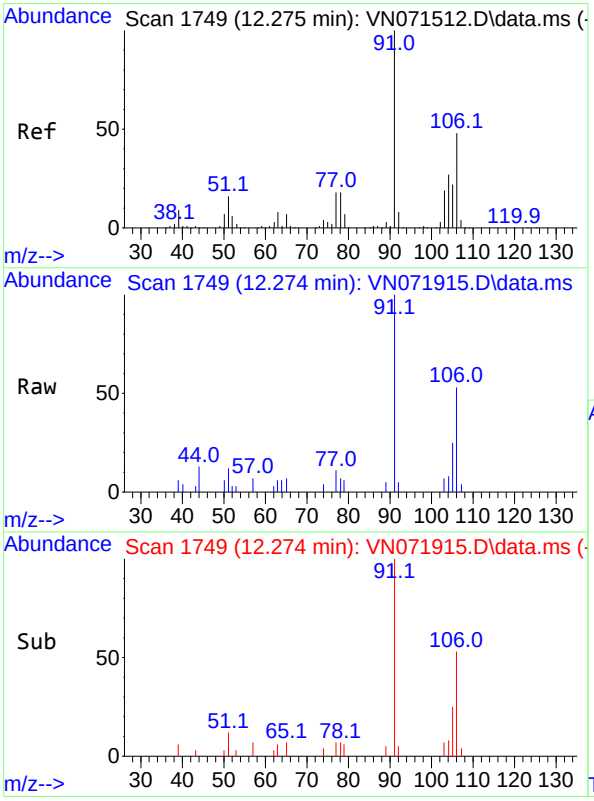
#67
m/p-Xylenes
Concen: 0.992 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion:106 Resp: 10151

Ion	Ratio	Lower	Upper
106	100		
91	203.8	162.9	244.3

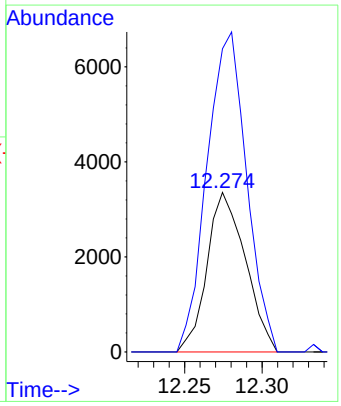


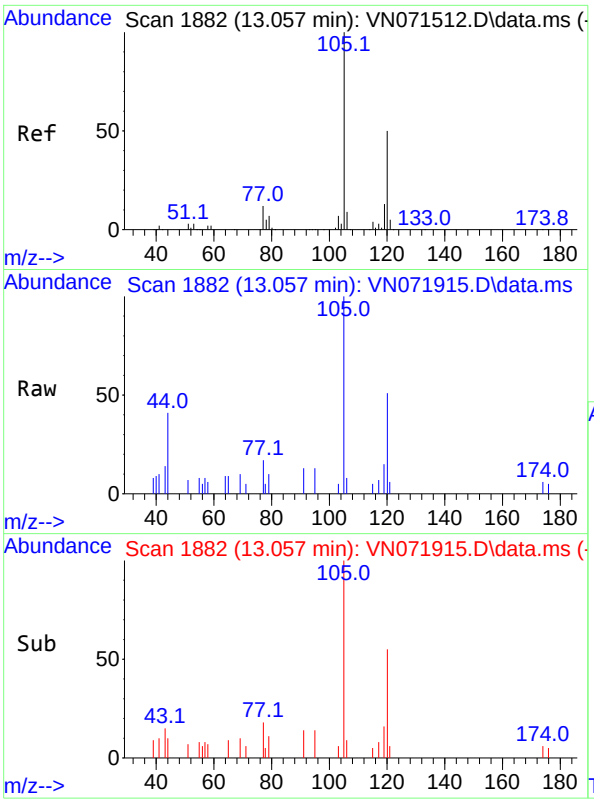


#68
o-Xylene
Concen: 0.568 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion:106 Resp: 5776

Ion	Ratio	Lower	Upper
106	100		
91	206.9	107.7	323.1



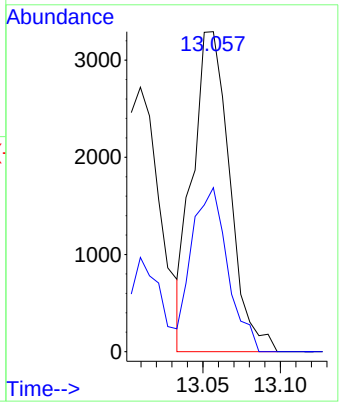


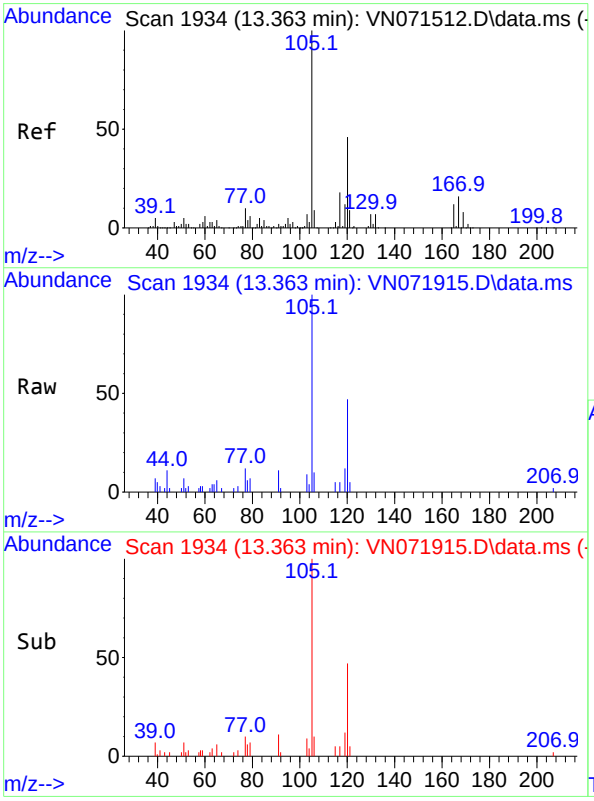
#76
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

Tgt Ion:105 Resp: 5478

Ion	Ratio	Lower	Upper
105	100		
120	49.6	0.0	93.8





#80
1,2,4-Trimethylbenzene
Concen: 0.884 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071915.D
Acq: 08 Apr 2022 15:19

Tgt Ion:105 Resp: 17565

Ion	Ratio	Lower	Upper
105	100		
120	41.2	0.0	0.2#