Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073771.D
Acq On : 08 Aug 2022 15:36
Operator : JC\MD
Sample : N4041-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 09 00:27:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.581	128	52839	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.904	114	263708	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.686	117	238988	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.369	65	137090	30.007	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.033%				
60) 4-Bromofluorobenzene	12.674	95	109547	25.888	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.300%				
63) Toluene-d8	10.380	98	400530	29.764	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.200%				
Target Compounds							Qvalue
15) Acetone	4.222	58	539924	748.492	ug/l		90
16) Carbon Disulfide	4.457	76	13589	1.503	ug/l		97
30) 2-Butanone	7.263	43	65034	19.093	ug/l		100
58) 4-Methyl-2-Pentanone	10.275	43	25102	4.062	ug/l		95
59) 2-Hexanone	11.033	43	4105	0.862	ug/l	#	72
62) Toluene	10.445	91	173602	10.446	ug/l		99
91) Naphthalene	15.439	128	8672	0.605	ug/l	#	92

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

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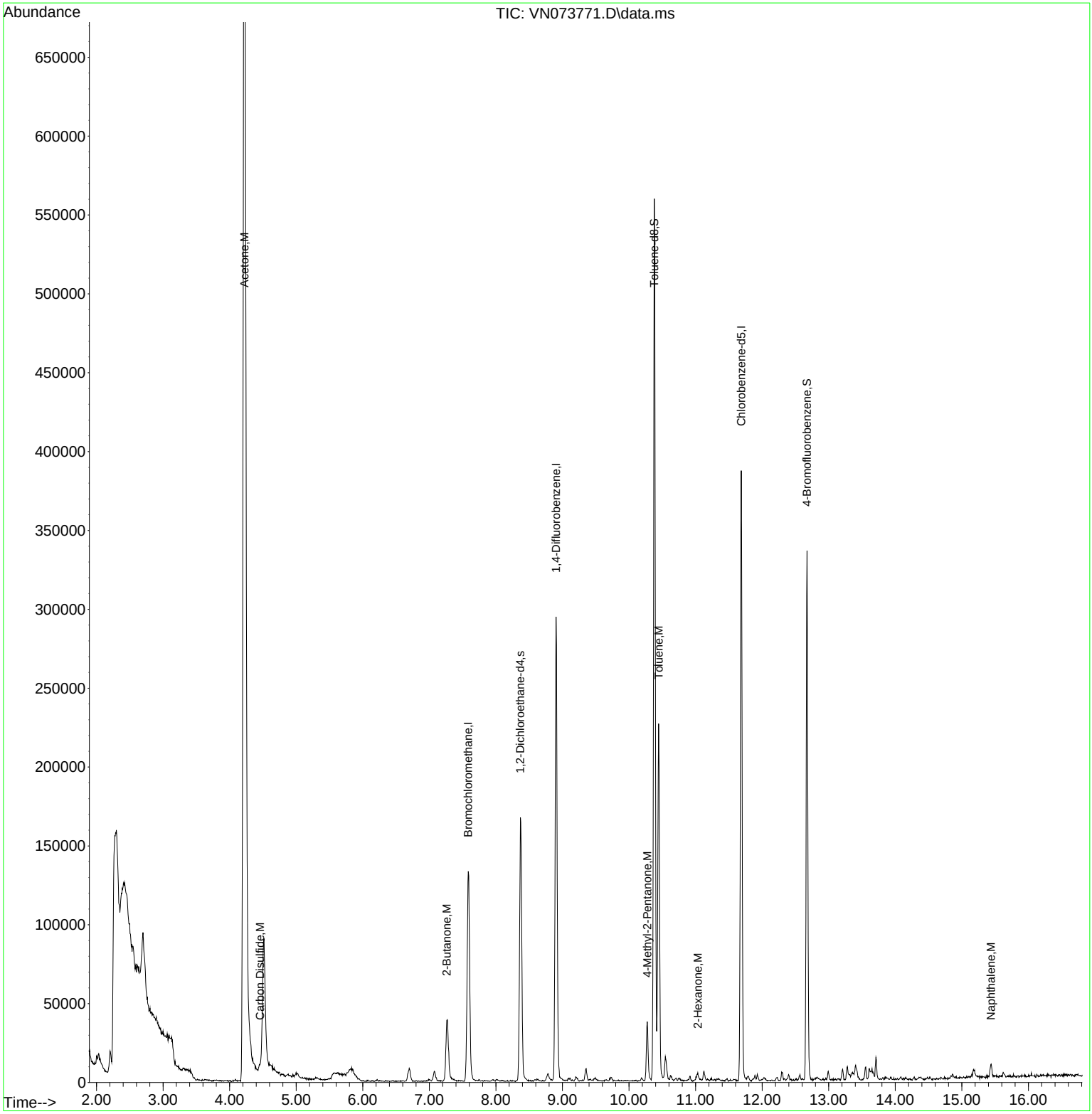
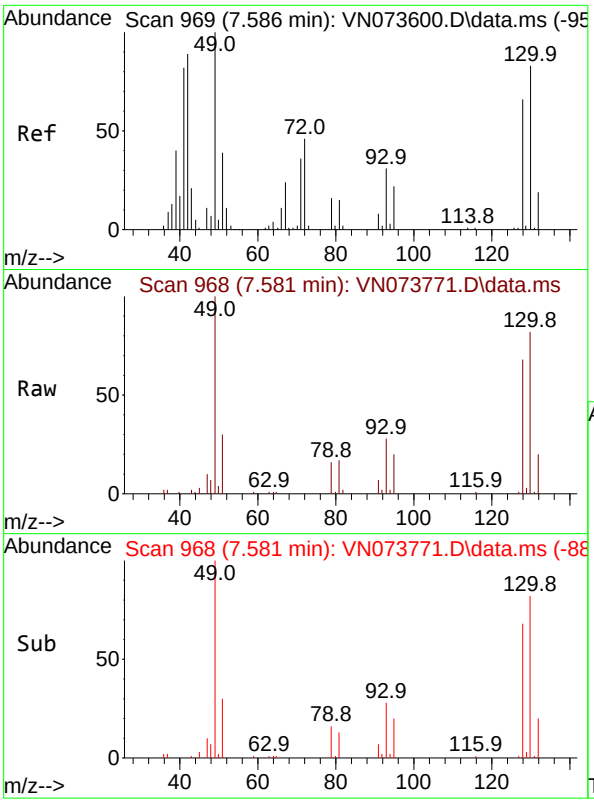


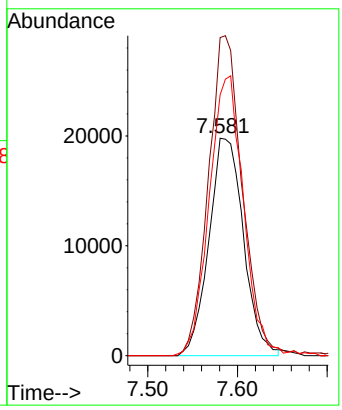


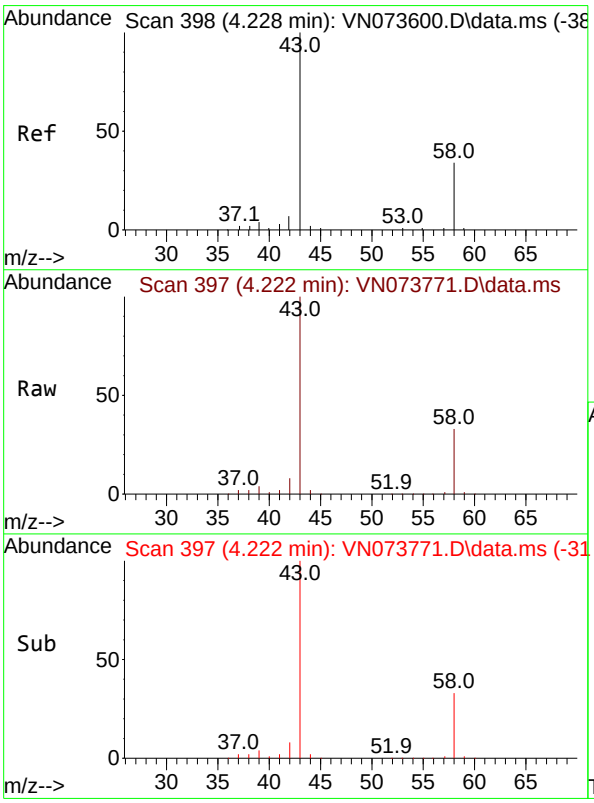
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 9
Delta R.T. -0.005 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

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

Tgt Ion:128 Resp: 52839

Ion	Ratio	Lower	Upper
128	100		
49	144.5	0.0	392.3
130	126.7	0.0	320.2

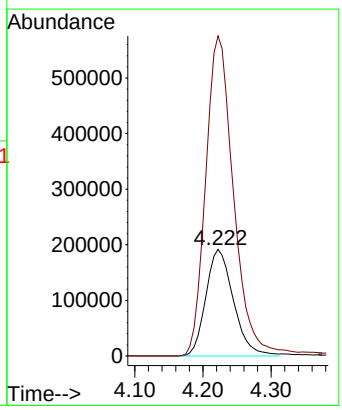


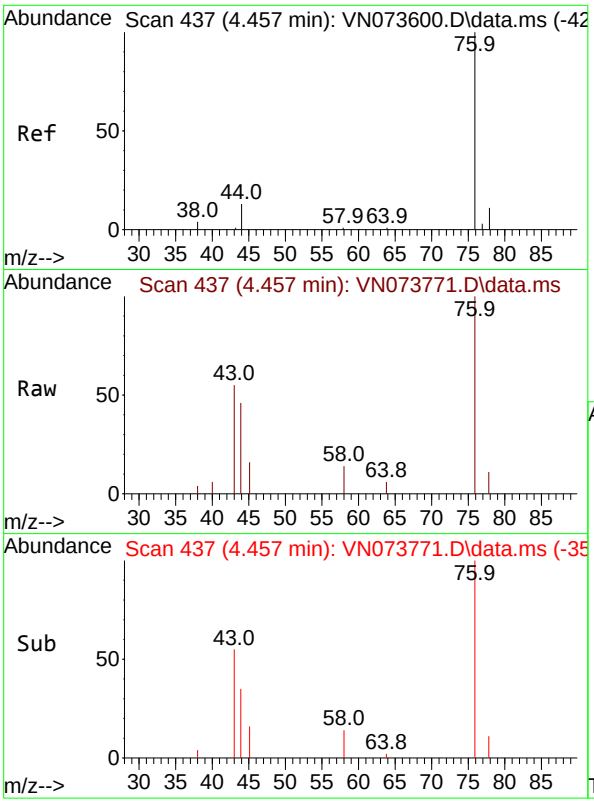


#15
Acetone
Concen: 748.492 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

Tgt Ion: 58 Resp: 539924

Ion	Ratio	Lower	Upper
58	100		
43	300.4	256.6	384.8



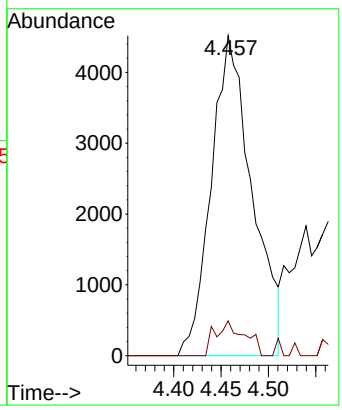


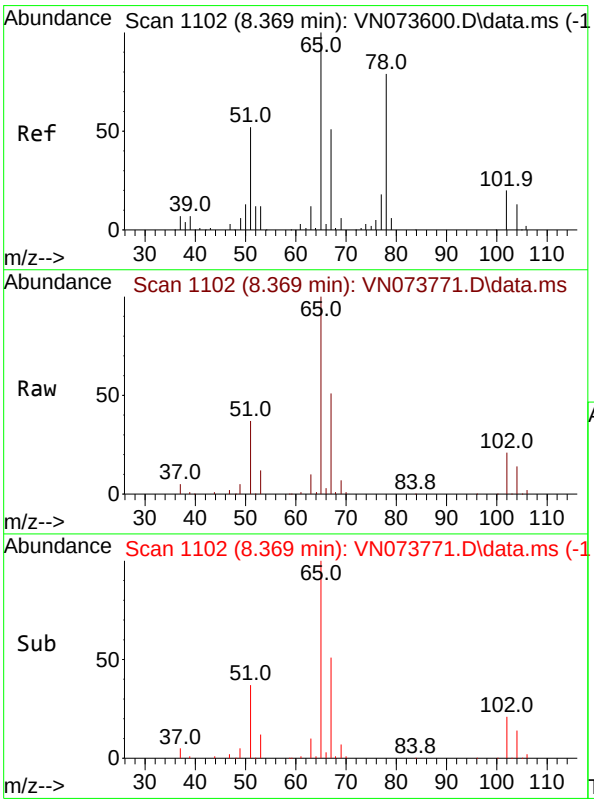
#16
Carbon Disulfide
Concen: 1.503 ug/l
RT: 4.457 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

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

Tgt Ion: 76 Resp: 13589

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.8	11.8

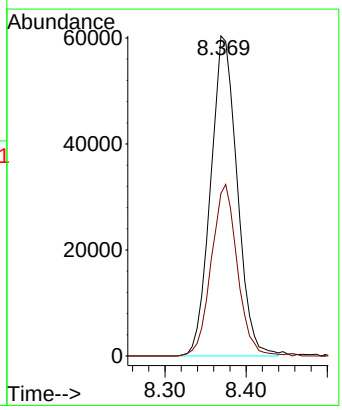


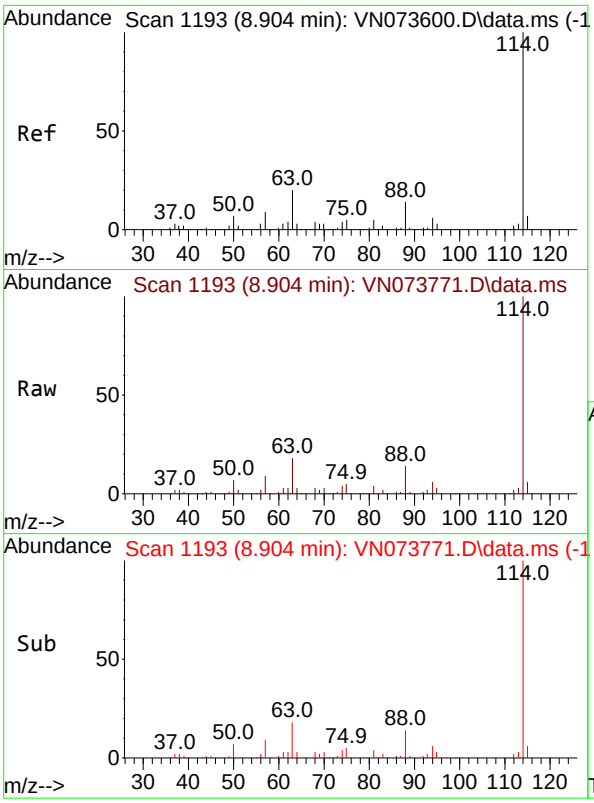


#27
1,2-Dichloroethane-d4
Concen: 30.007 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

Tgt Ion: 65 Resp: 137090

Ion	Ratio	Lower	Upper
65	100		
67	52.5	40.2	60.2



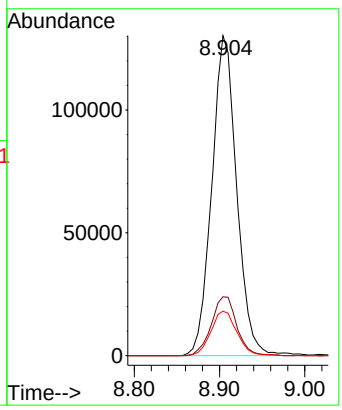


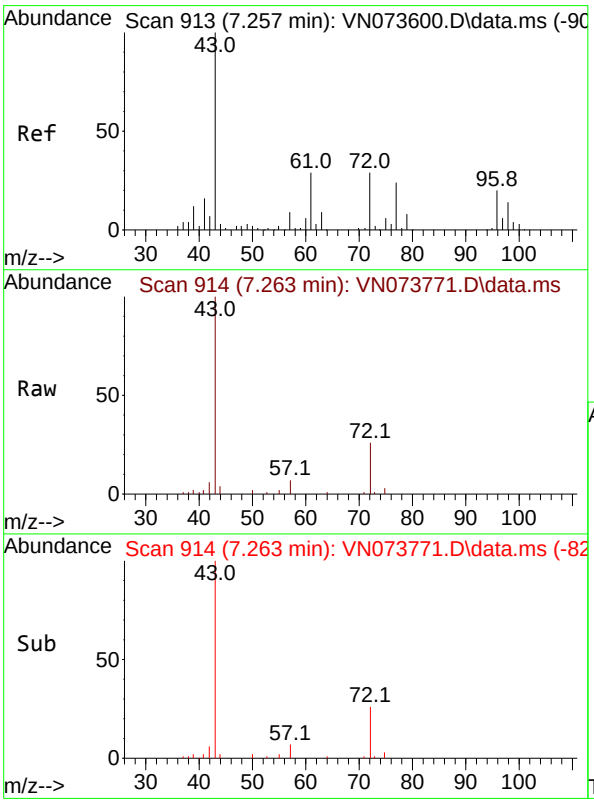
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

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

Tgt Ion:114 Resp: 263708

Ion	Ratio	Lower	Upper
114	100		
63	18.9	15.8	23.6
88	14.6	11.6	17.4

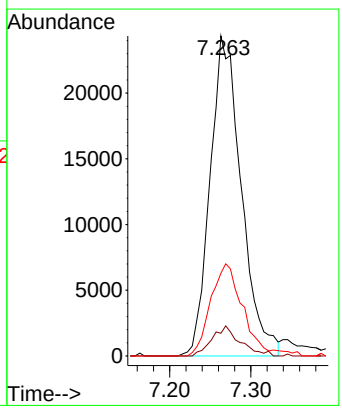


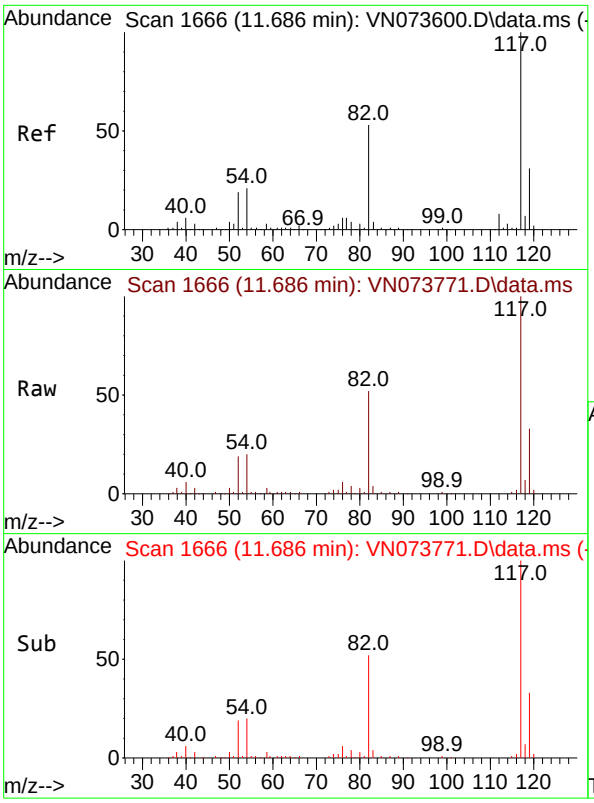


#30
2-Butanone
Concen: 19.093 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

Tgt Ion: 43 Resp: 65034

Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.7	10.1
72	29.1	23.2	34.8



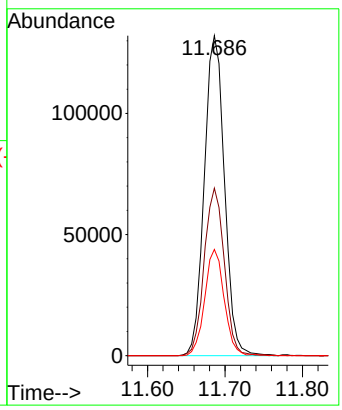


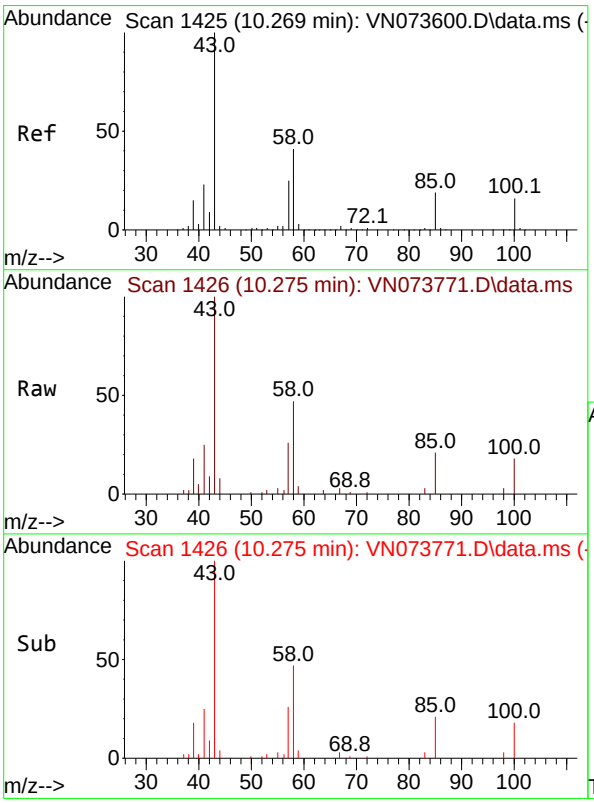
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

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

Tgt Ion:117 Resp: 238988

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.6	65.4
119	31.9	25.8	38.6

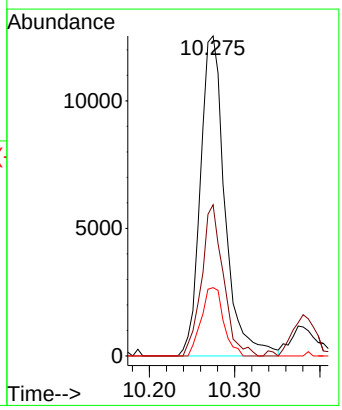


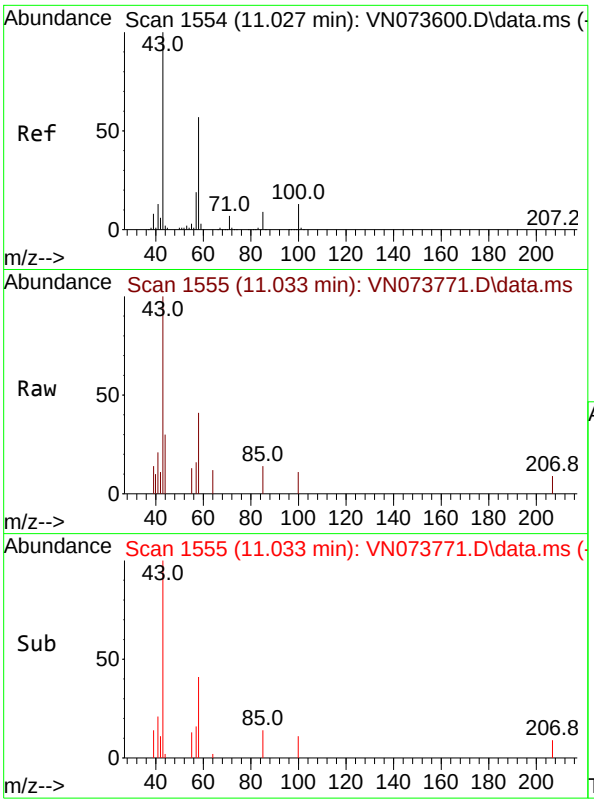


#58
4-Methyl-2-Pentanone
Concen: 4.062 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

Tgt Ion: 43 Resp: 25102

Ion	Ratio	Lower	Upper
43	100		
58	41.9	30.0	45.0
85	19.3	15.0	22.6



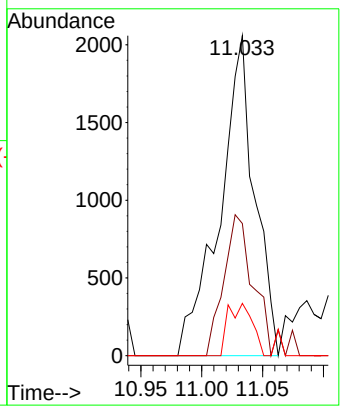


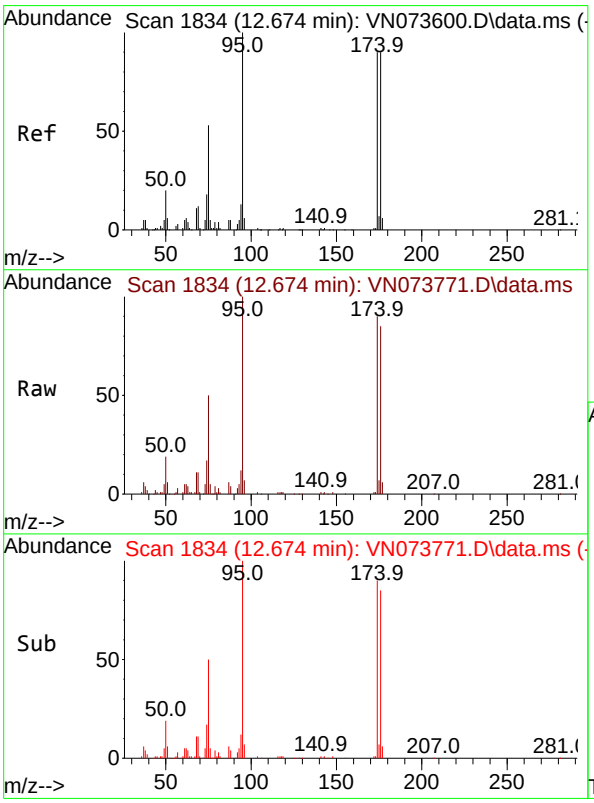
#59
2-Hexanone
Concen: 0.862 ug/l
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

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

Tgt Ion: 43 Resp: 4105

Ion	Ratio	Lower	Upper
43	100		
58	33.5	42.2	63.2#
57	4.9	15.0	22.4#

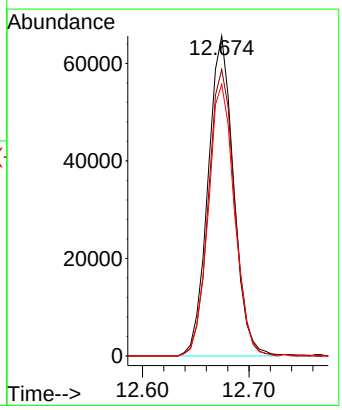


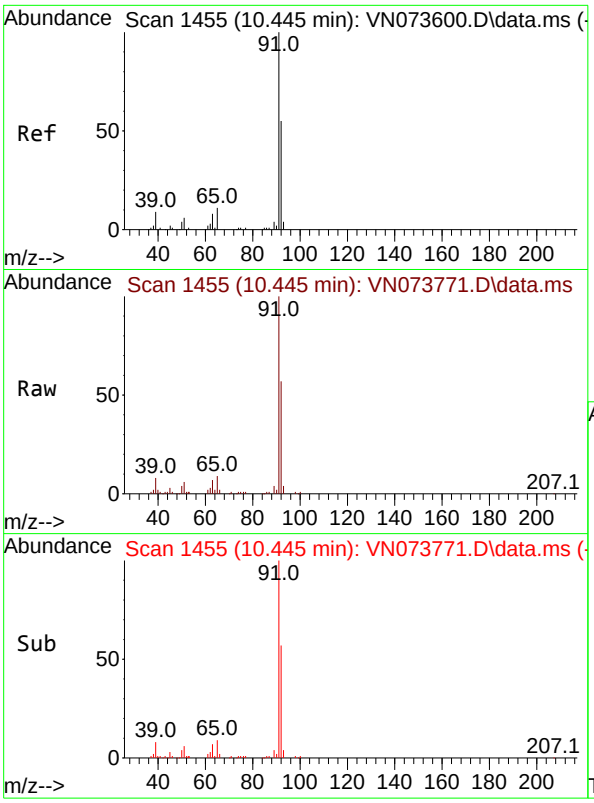


#60
4-Bromofluorobenzene
Concen: 25.888 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

Tgt Ion: 95 Resp: 109547

Ion	Ratio	Lower	Upper
95	100		
174	91.8	62.9	94.3
176	86.6	61.0	91.4



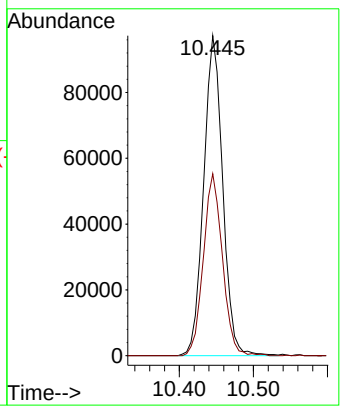


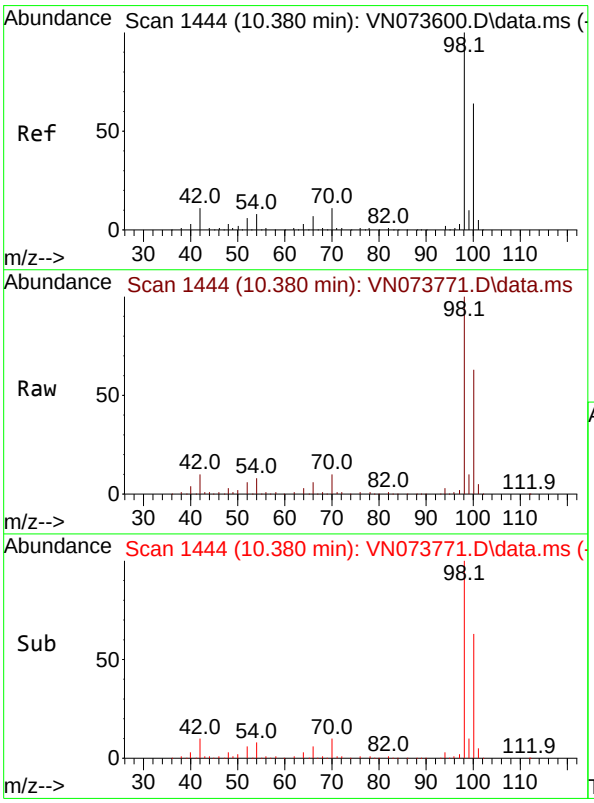
#62
Toluene
Concen: 10.446 ug/l
RT: 10.445 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

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

Tgt Ion: 91 Resp: 173602

Ion	Ratio	Lower	Upper
91	100		
92	56.6	44.6	67.0

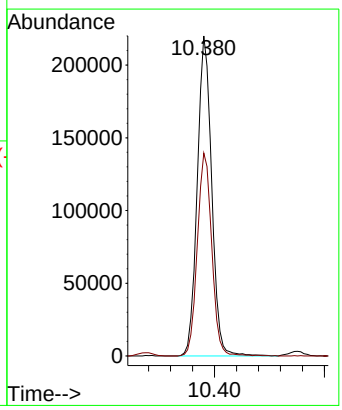


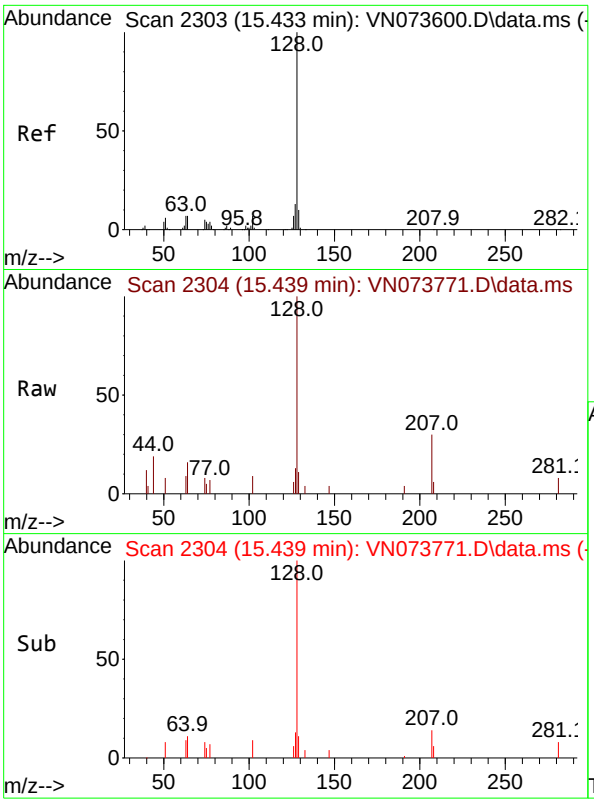


#63
Toluene-d8
Concen: 29.764 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

Tgt Ion: 98 Resp: 400530

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.6	76.0





#91
Naphthalene
Concen: 0.605 ug/l
RT: 15.439 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN073771.D
Acq: 08 Aug 2022 15:36

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

Tgt Ion:128 Resp: 8672

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	5.3	9.0	13.6#