Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 07 00:28:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration

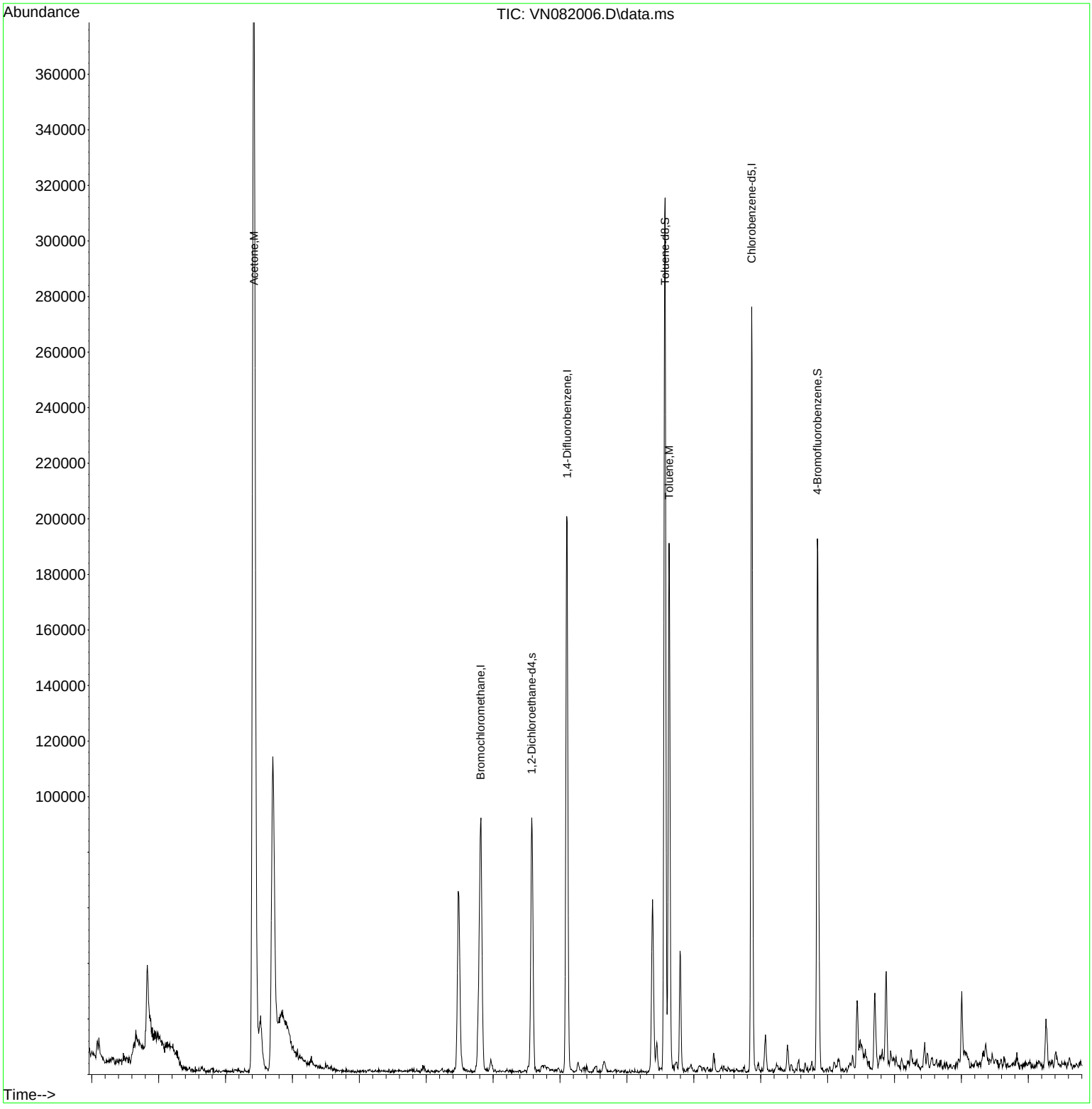
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	28828	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	168545	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	147527	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72090	29.868	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.567%			
60) 4-Bromofluorobenzene	12.847	95	66484	27.079	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.267%			
63) Toluene-d8	10.571	98	216732	30.935	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.100%			
Target Compounds						Qvalue
15) Acetone	4.424	58	244525	1085.279	ug/l	86
30) 2-Butanone	7.483	43	107070	82.780	ug/l #	72
58) 4-Methyl-2-Pentanone	10.447	43	6903	2.410	ug/l #	84
62) Toluene	10.630	91	141161	17.006	ug/l	100
68) o-Xylene	12.394	106	1510	0.452	ug/l	78

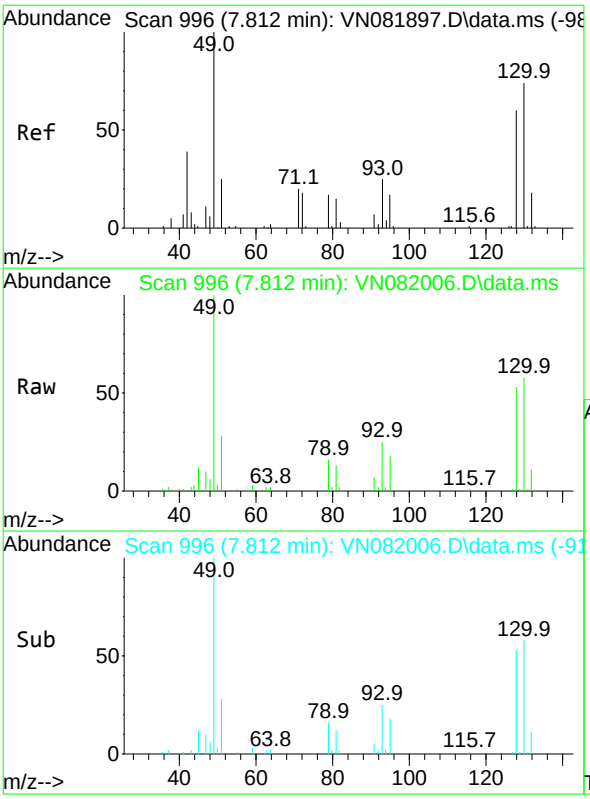
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 07 00:28:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration



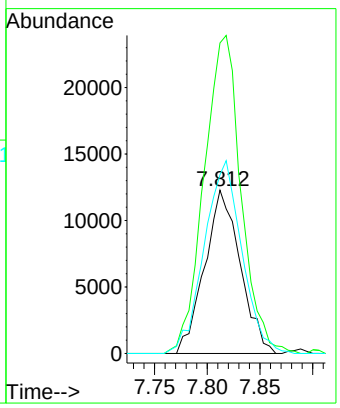


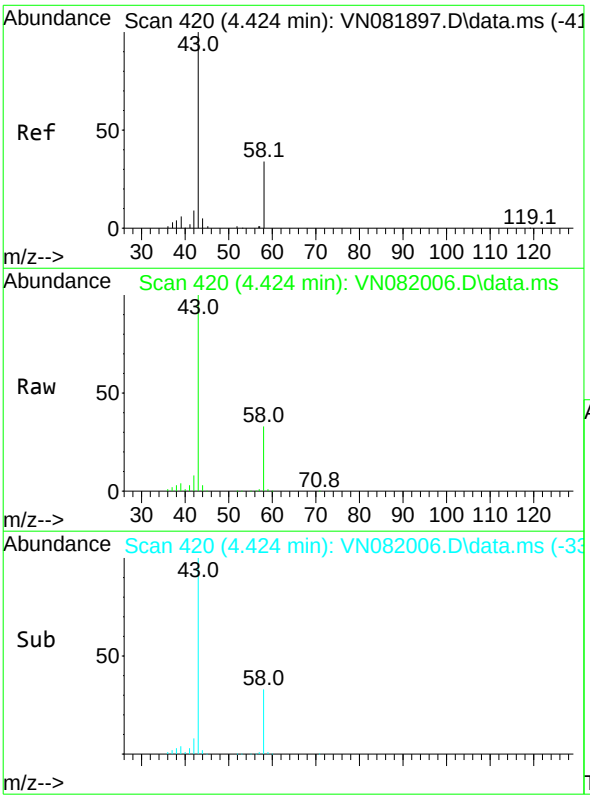
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

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

Tgt Ion:128 Resp: 28828

Ion	Ratio	Lower	Upper
128	100		
49	202.4	0.0	403.7
130	125.0	0.0	323.3

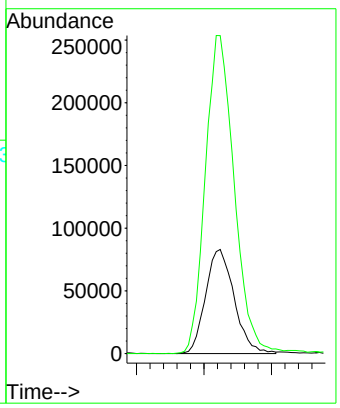


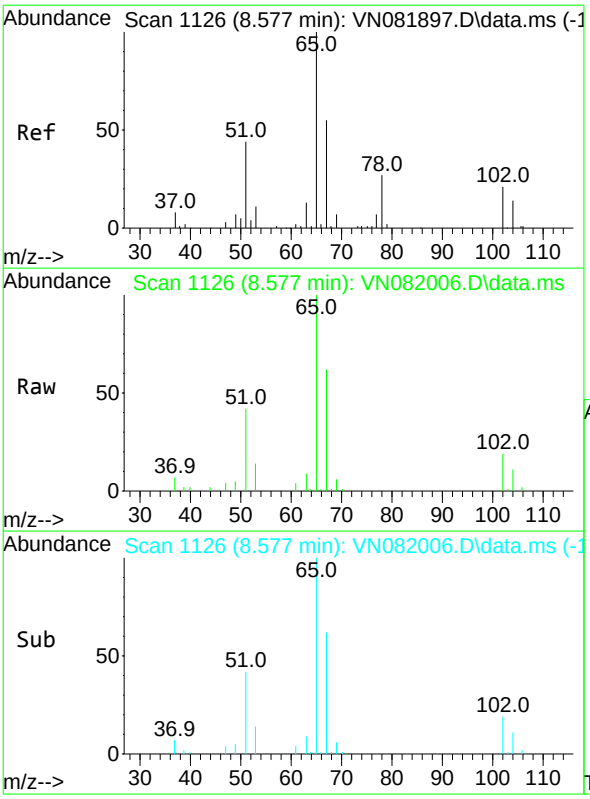


#15
Acetone
Concen: 1085.279 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

Tgt Ion: 58 Resp: 244525

Ion	Ratio	Lower	Upper
58	100		
43	305.0	223.1	334.7



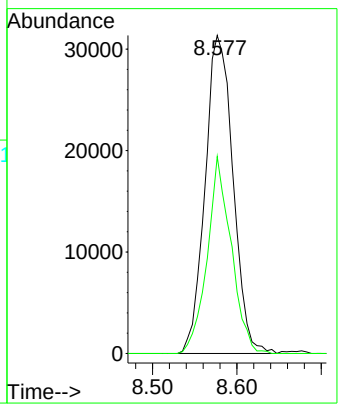


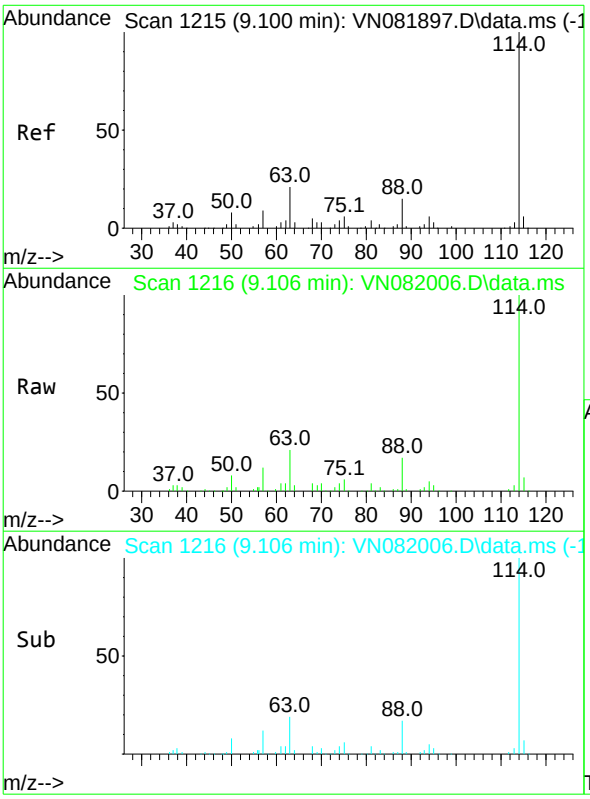
#27
1,2-Dichloroethane-d4
Concen: 29.868 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

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

Tgt Ion: 65 Resp: 72090

Ion	Ratio	Lower	Upper
65	100		
67	53.0	43.2	64.8

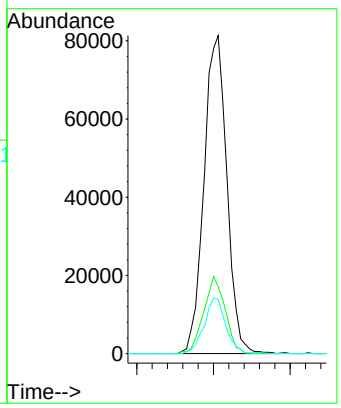


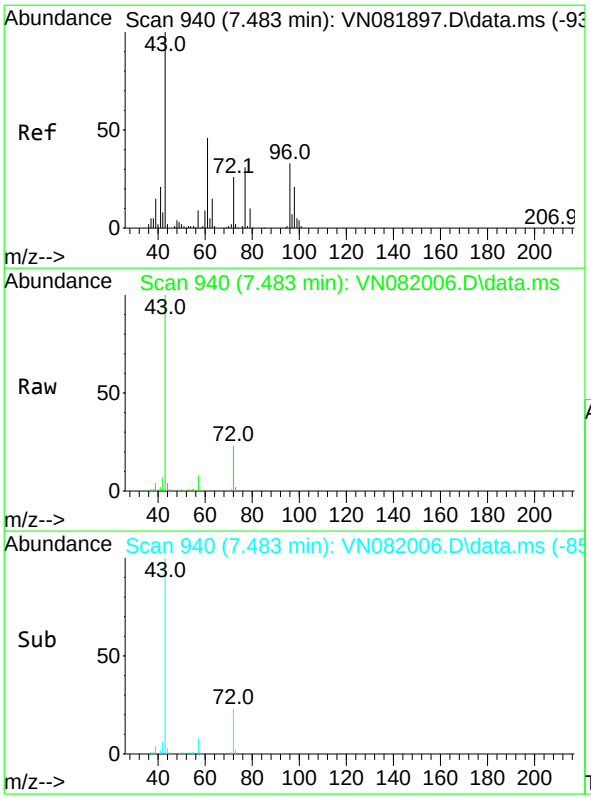


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

Tgt Ion:114 Resp: 168545

Ion	Ratio	Lower	Upper
114	100		
63	22.8	15.9	23.9
88	16.4	12.7	19.1



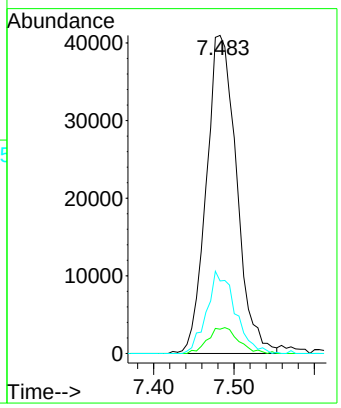


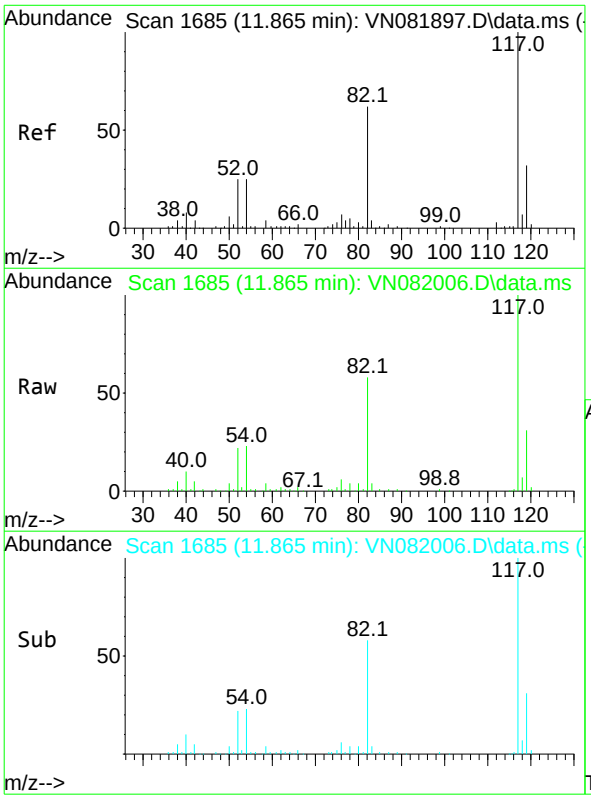
#30
2-Butanone
Concen: 82.780 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

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

Tgt Ion: 43 Resp: 107070

Ion	Ratio	Lower	Upper
43	100		
57	3.9	6.7	10.1#
72	12.7	24.0	36.0#

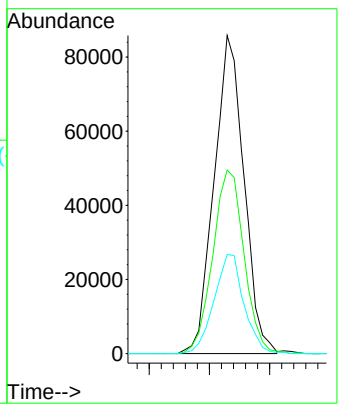


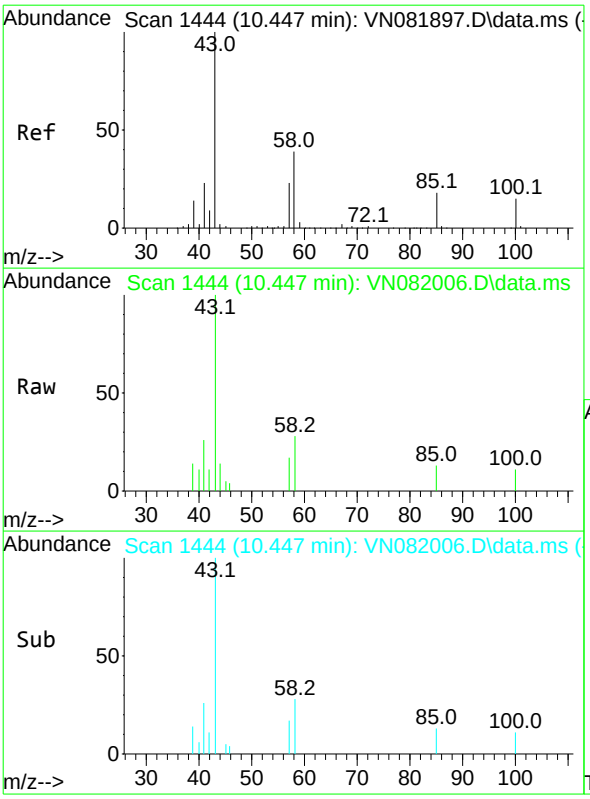


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

Tgt Ion:117 Resp: 147527

Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.6	69.8
119	31.3	25.4	38.2



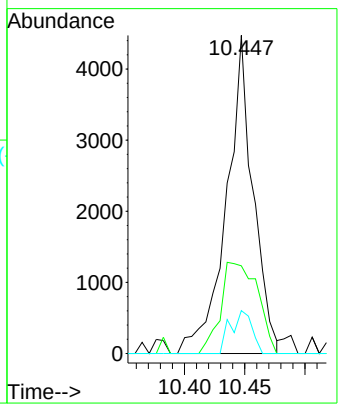


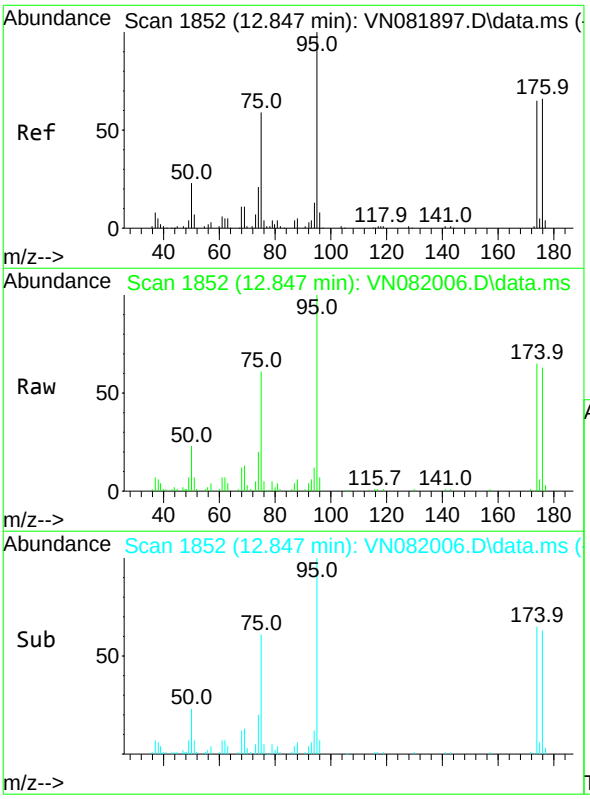
#58
4-Methyl-2-Pentanone
Concen: 2.410 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

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

Tgt Ion: 43 Resp: 6903

Ion	Ratio	Lower	Upper
43	100		
58	39.5	36.5	54.7
85	10.8	19.5	29.3#

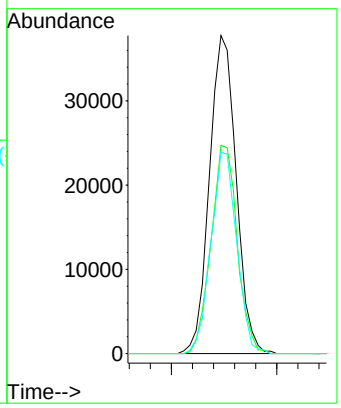


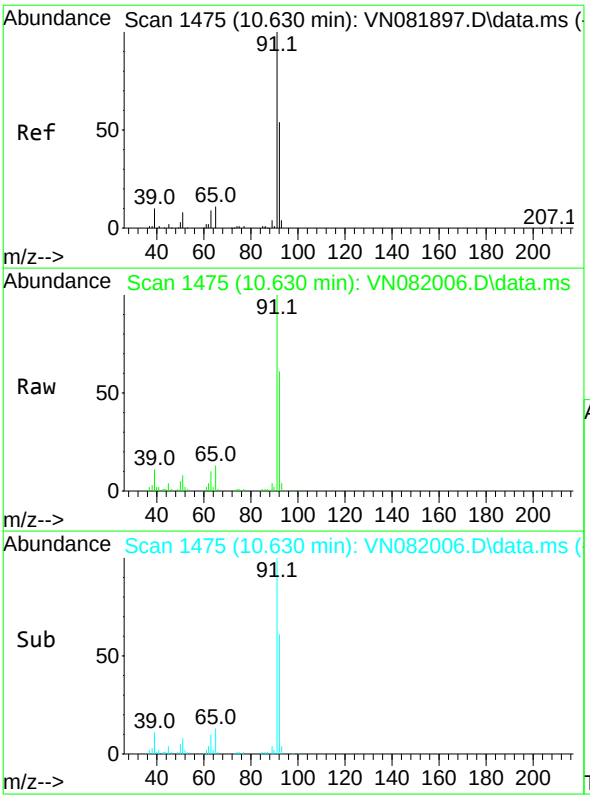


#60
4-Bromofluorobenzene
Concen: 27.079 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

Tgt Ion: 95 Resp: 66484

Ion	Ratio	Lower	Upper
95	100		
174	64.3	60.5	90.7
176	61.3	57.8	86.6



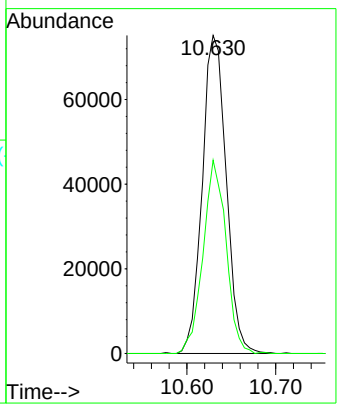


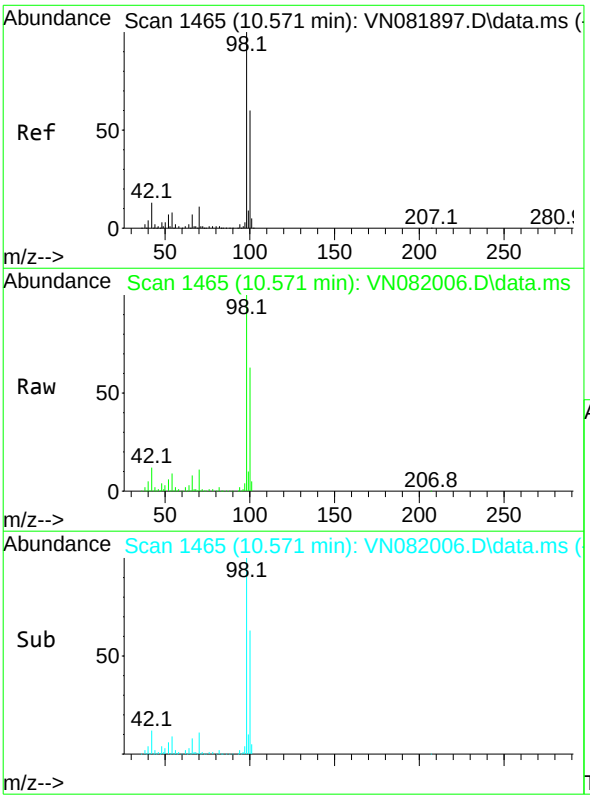
#62
Toluene
Concen: 17.006 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

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

Tgt Ion: 91 Resp: 141161

Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.5	69.7

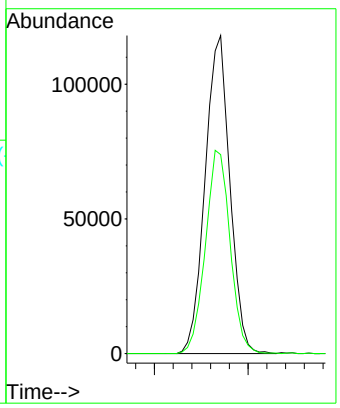


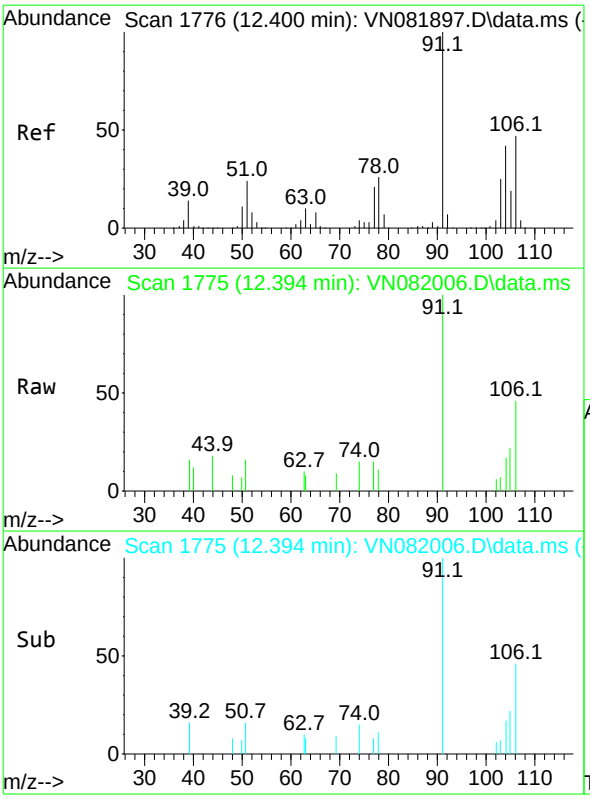


#63
Toluene-d8
Concen: 30.935 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

Tgt Ion: 98 Resp: 216732

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.7	79.1





#68
o-Xylene
Concen: 0.452 ug/l
RT: 12.394 min Scan# 17
Delta R.T. -0.006 min
Lab File: VN082006.D
Acq: 06 May 2024 13:46

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

Tgt Ion:106 Resp: 1510

Ion	Ratio	Lower	Upper
106	100		
91	254.7	110.0	330.0