Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
Data File : VN082414.D
Acq On : 31 May 2024 17:35
Operator : JC\MD
Sample : P2646-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Quant Time: May 31 23:00:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	157832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134302	53.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.780%			
35) Dibromofluoromethane	8.171	113	97231	54.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.620%			
50) Toluene-d8	10.571	98	379793	55.837	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.680%			
62) 4-Bromofluorobenzene	12.847	95	128857	53.077	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.160%			
Target Compounds						Qvalue
16) Acetone	4.436	43	76809	75.130	ug/l	89
20) Methylene Chloride	5.271	84	13827	6.703	ug/l	91
25) 2-Butanone	7.488	43	11749	7.580	ug/l #	83
43) Isopropyl Acetate	8.694	43	267016	45.254	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	17683	5.275	ug/l #	72

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

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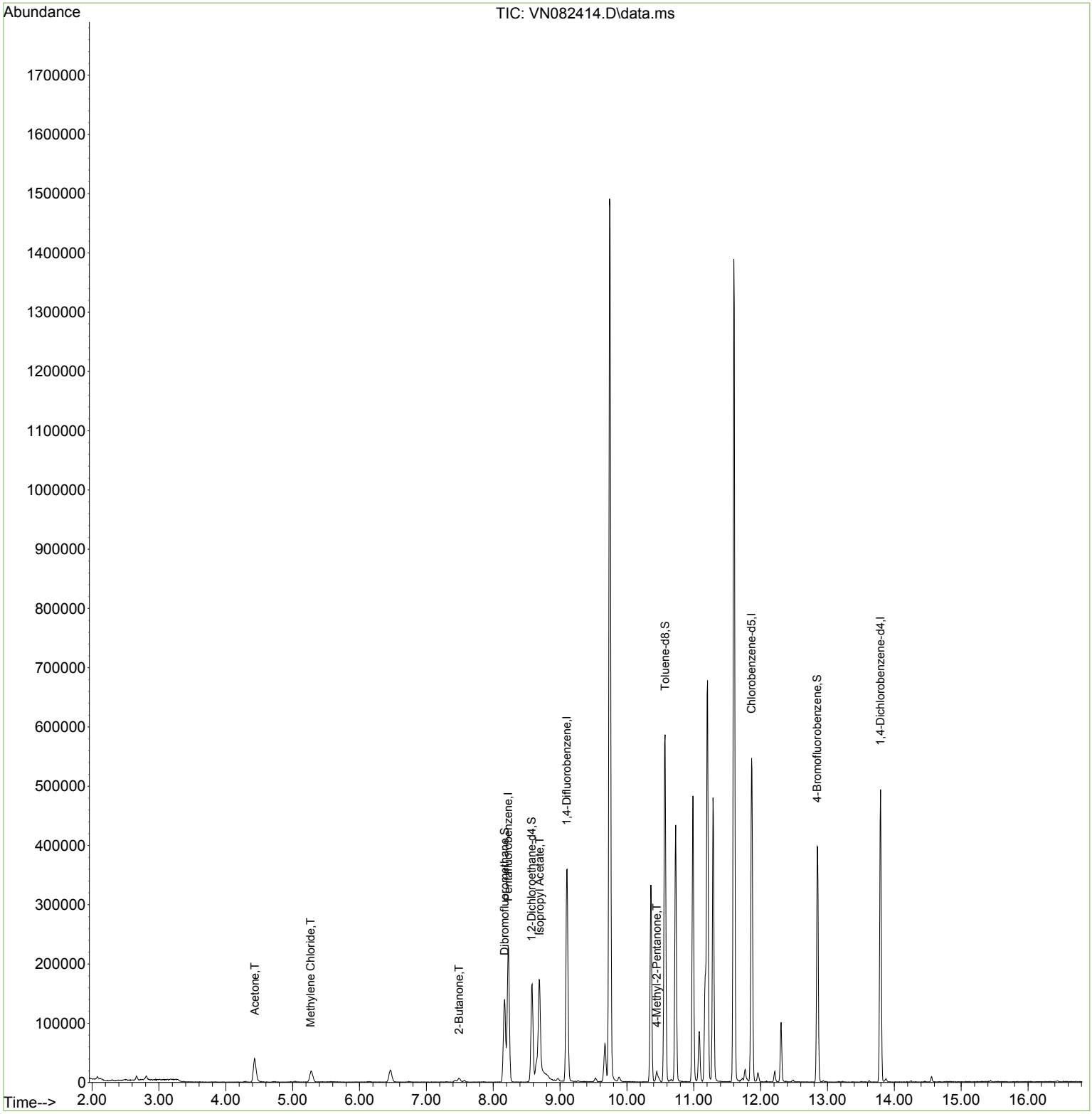
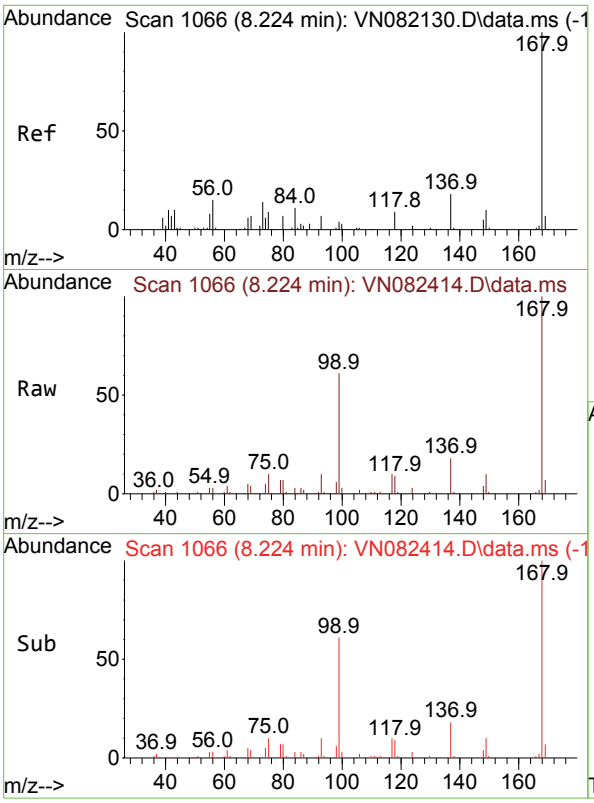


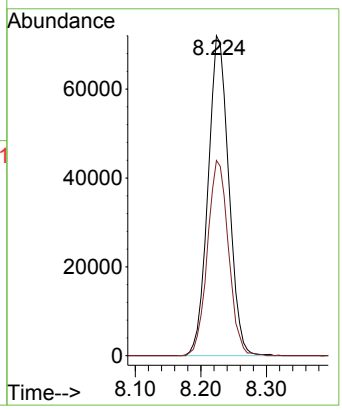


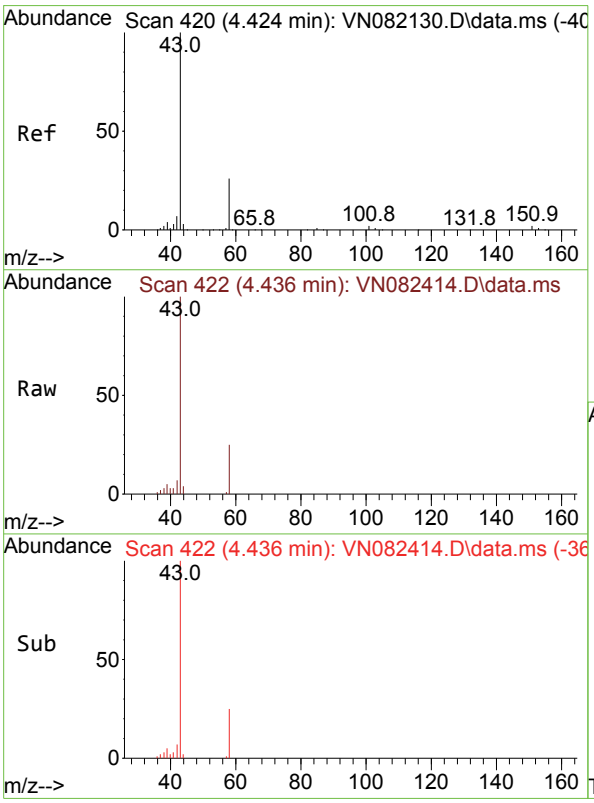
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Tgt Ion:168 Resp: 157832

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.2	72.4

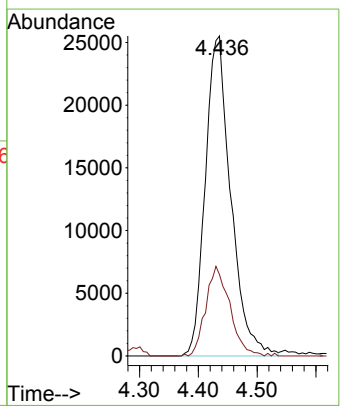


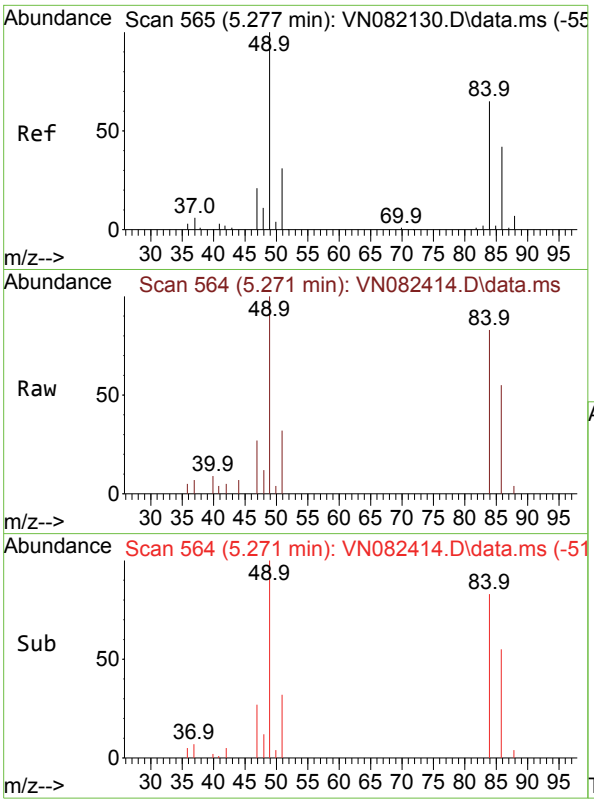


#16
Acetone
Concen: 75.130 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Tgt Ion: 43 Resp: 76809

Ion	Ratio	Lower	Upper
43	100		
58	25.4	25.2	37.8



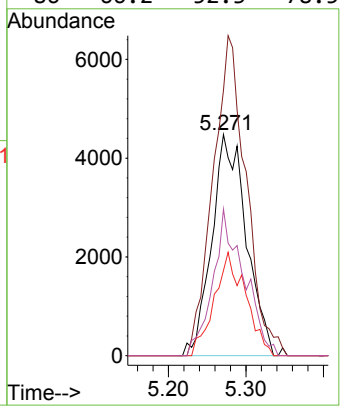


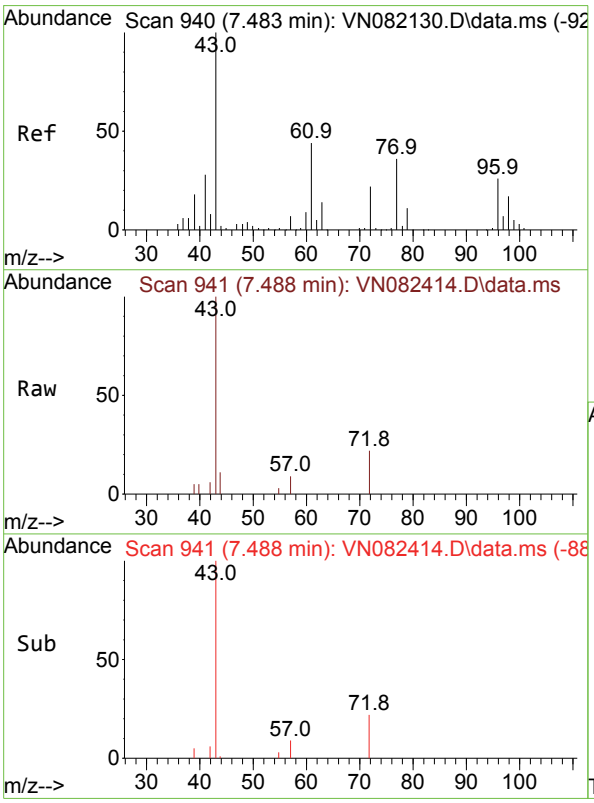
#20
Methylene Chloride
Concen: 6.703 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Tgt Ion: 84 Resp: 13827

Ion	Ratio	Lower	Upper
84	100		
49	120.0	84.9	127.3
51	38.6	27.0	40.6
86	66.2	52.3	78.5

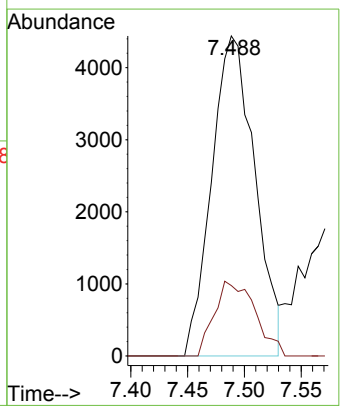


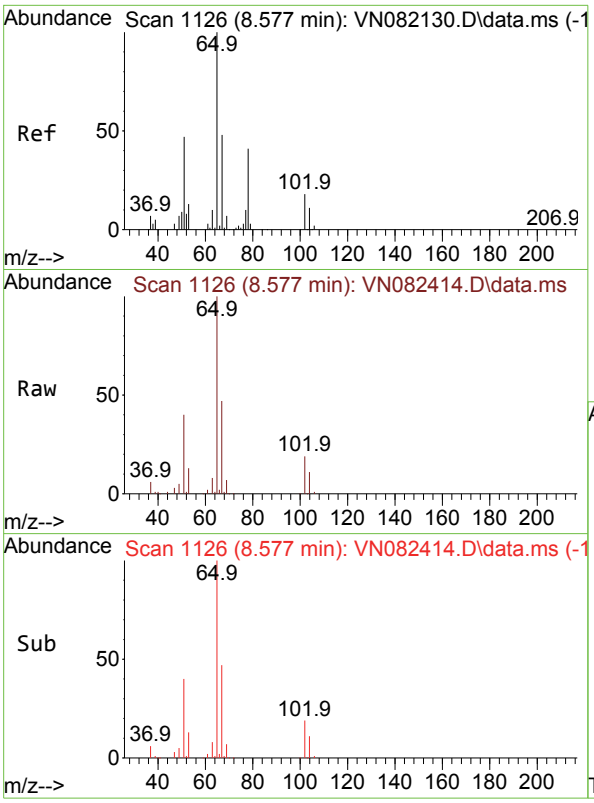


#25
2-Butanone
Concen: 7.580 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Tgt Ion: 43 Resp: 11749

Ion	Ratio	Lower	Upper
43	100		
72	22.0	25.3	37.9#



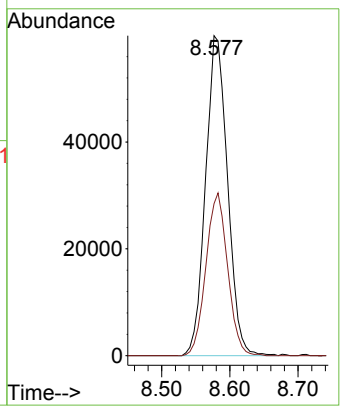


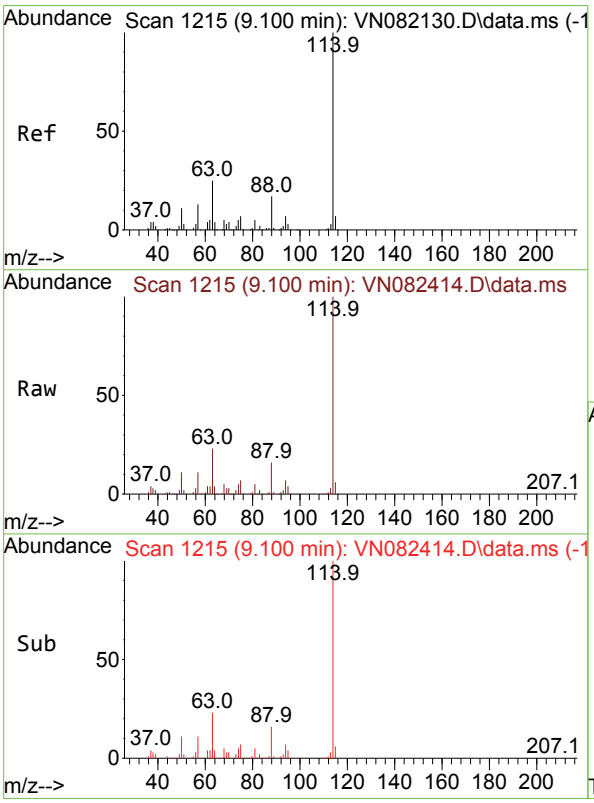
#33
1,2-Dichloroethane-d4
Concen: 53.889 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Tgt Ion: 65 Resp: 134302

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	103.0

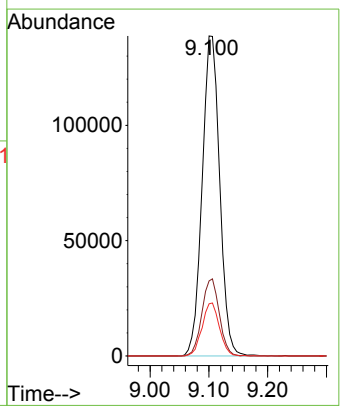


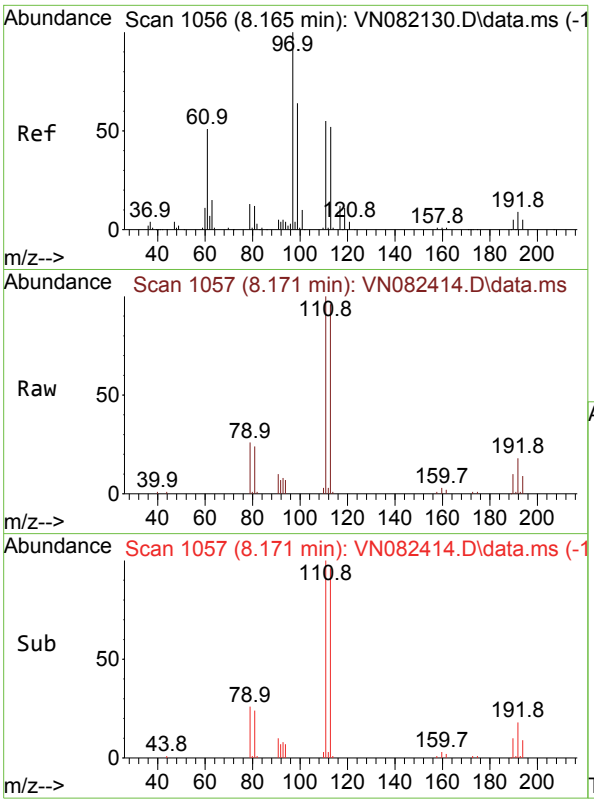


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Tgt Ion:114 Resp: 288402

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	41.0
88	16.3	0.0	31.4



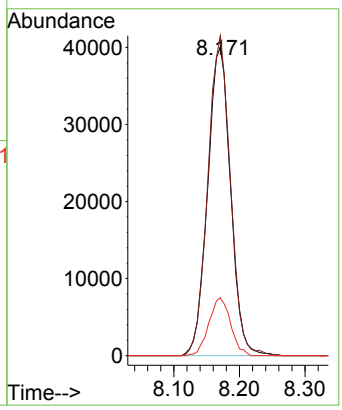


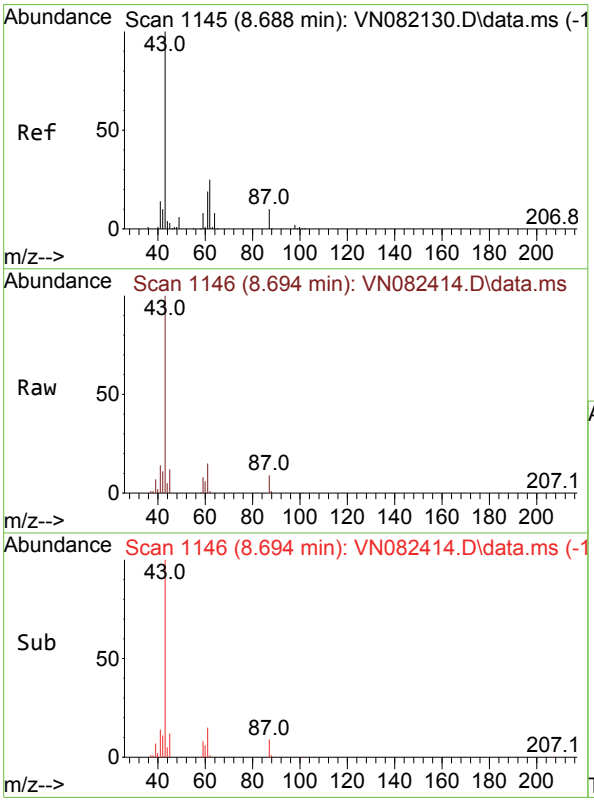
#35
Dibromofluoromethane
Concen: 54.805 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Tgt Ion:113 Resp: 97231

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	17.8	14.0	21.0

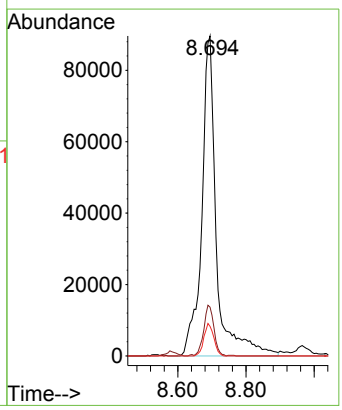


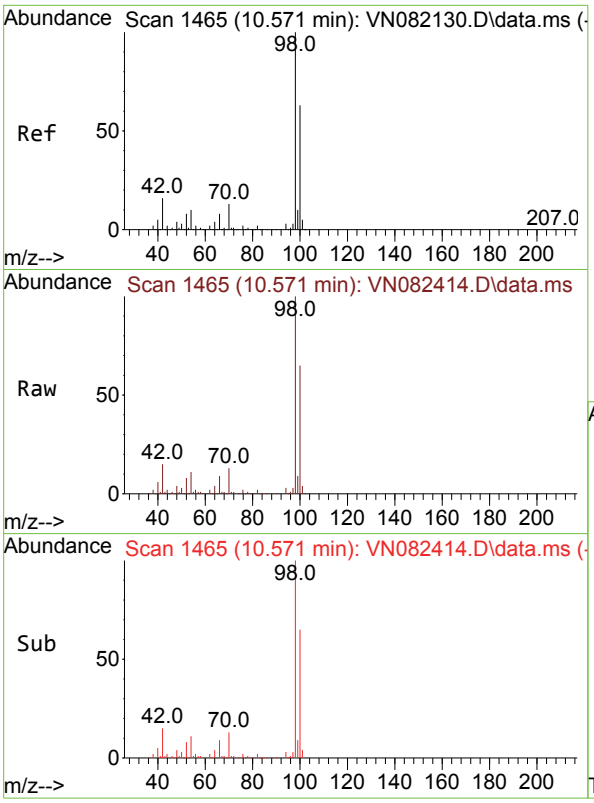


#43
Isopropyl Acetate
Concen: 45.254 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Tgt Ion: 43 Resp: 267016

Ion	Ratio	Lower	Upper
43	100		
61	11.1	22.8	34.2#
87	6.9	12.0	18.0#



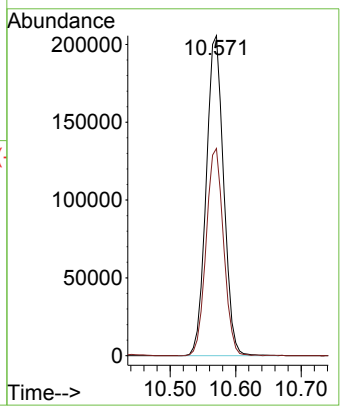


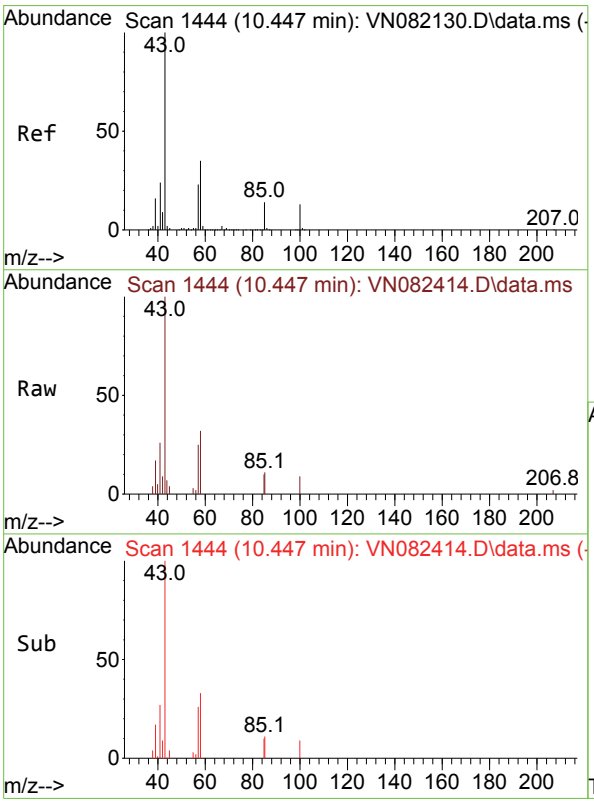
#50
Toluene-d8
Concen: 55.837 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Tgt Ion: 98 Resp: 379793

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.6

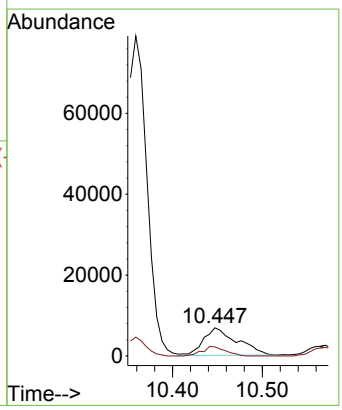


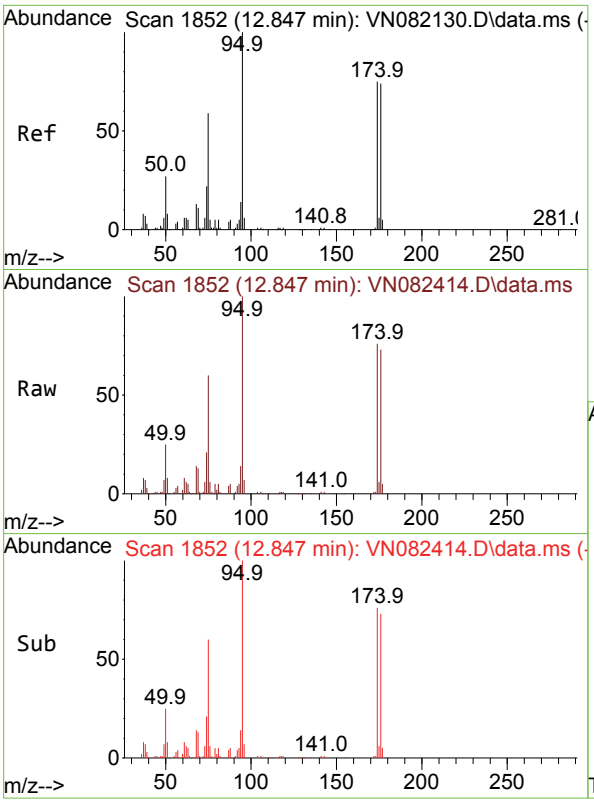


#51
4-Methyl-2-Pentanone
Concen: 5.275 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Tgt Ion: 43 Resp: 17683

Ion	Ratio	Lower	Upper
43	100		
58	23.8	33.2	49.8#



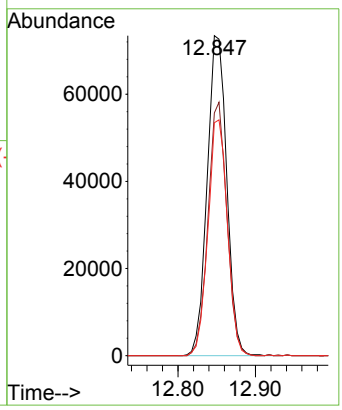


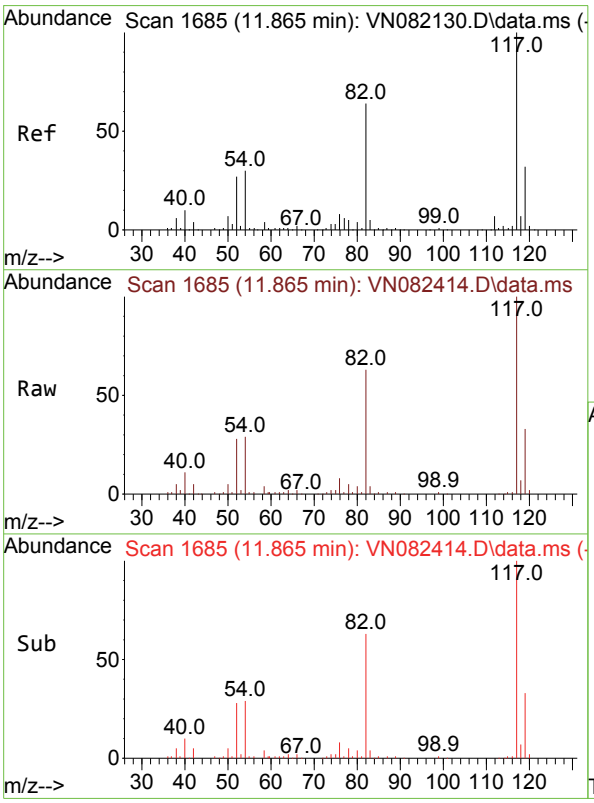
#62
4-Bromofluorobenzene
Concen: 53.077 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Tgt Ion: 95 Resp: 128857

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	160.6
176	73.2	0.0	152.8

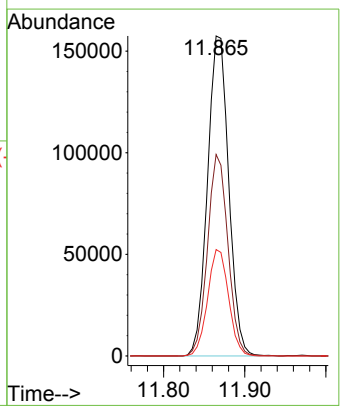


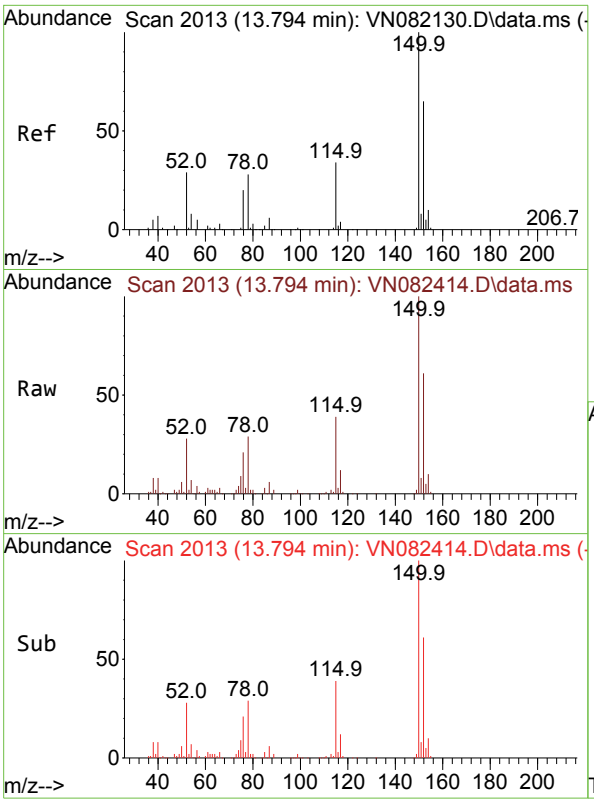


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Tgt Ion:117 Resp: 285611

Ion	Ratio	Lower	Upper
117	100		
82	62.9	44.6	66.8
119	33.2	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN082414.D
Acq: 31 May 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPS

Tgt Ion:152 Resp: 116627

Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.4	91.3
150	161.8	0.0	353.2