Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
Data File : VN085893.D
Acq On : 27 Feb 2025 16:30
Operator : JC\MD
Sample : Q1427-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VNJ-227

Quant Time: Feb 28 02:03:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	222509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	438081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156778	54.347	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.700%			
35) Dibromofluoromethane	8.165	113	138696	48.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.760%			
50) Toluene-d8	10.565	98	525192	50.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.720%			
62) 4-Bromofluorobenzene	12.847	95	174986	50.923	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.840%			
Target Compounds						Qvalue
16) Acetone	4.430	43	62180	68.121	ug/l	93
20) Methylene Chloride	5.271	84	15250	5.195	ug/l	94
43) Isopropyl Acetate	8.688	43	130446	21.957	ug/l #	86

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

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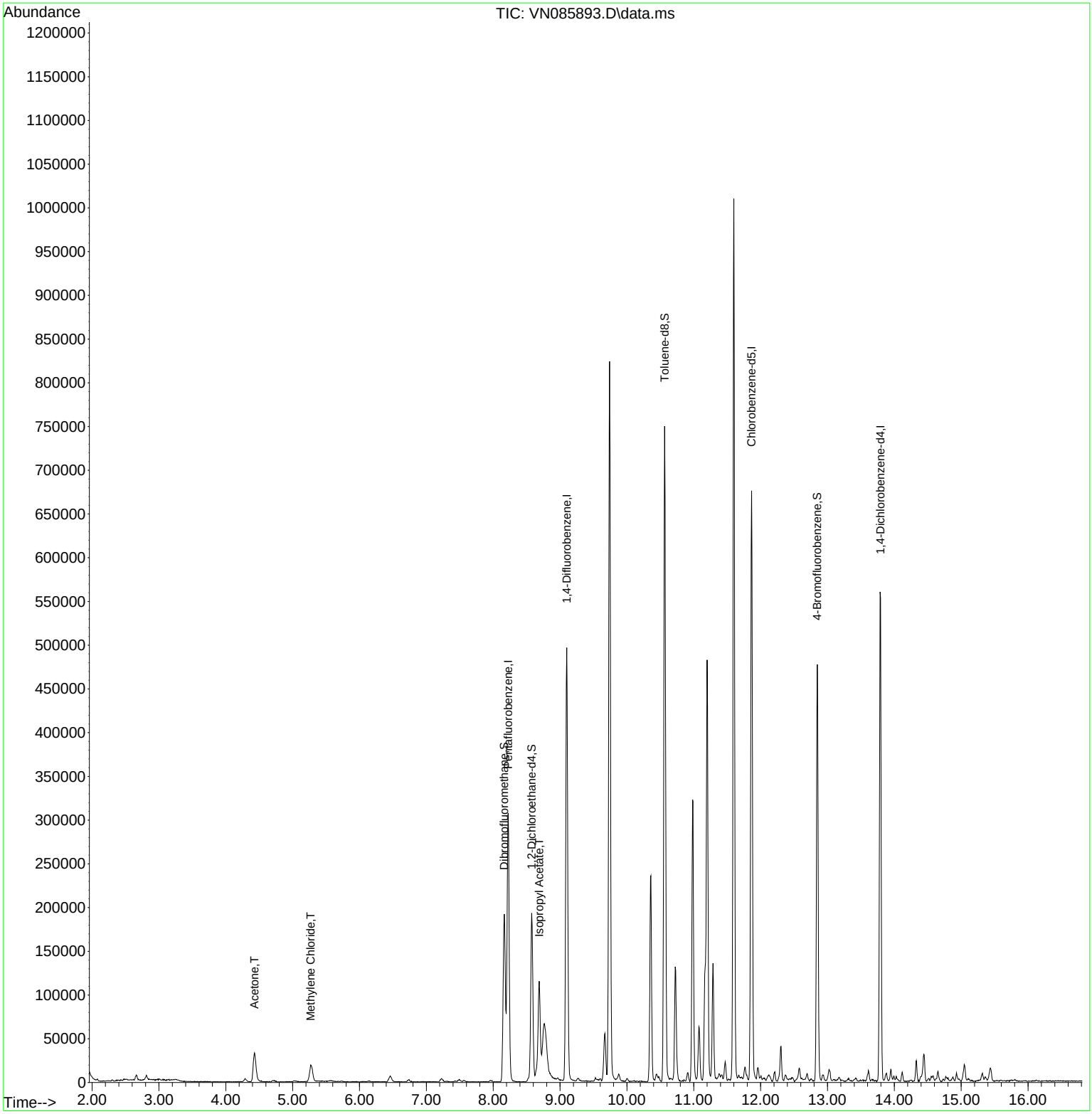
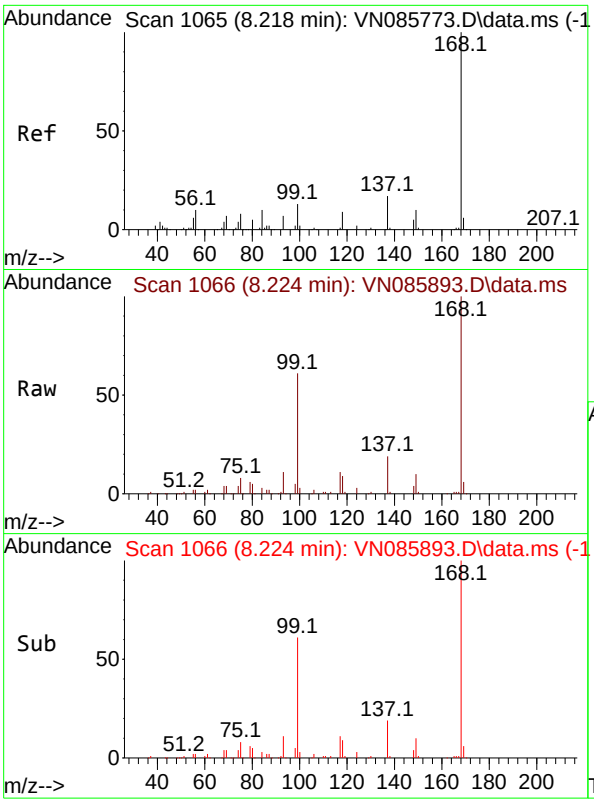


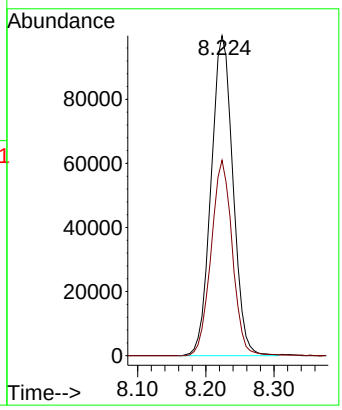


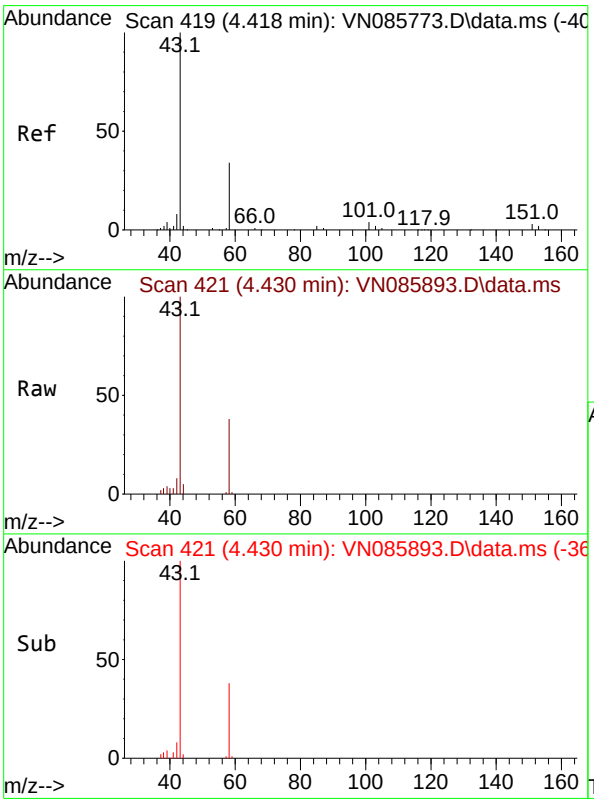
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
VNJ-227

Tgt Ion:168 Resp: 222509

Ion	Ratio	Lower	Upper
168	100		
99	61.0	47.9	71.9

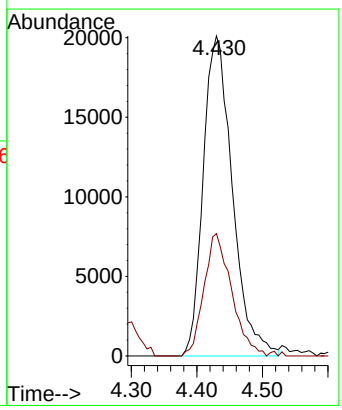


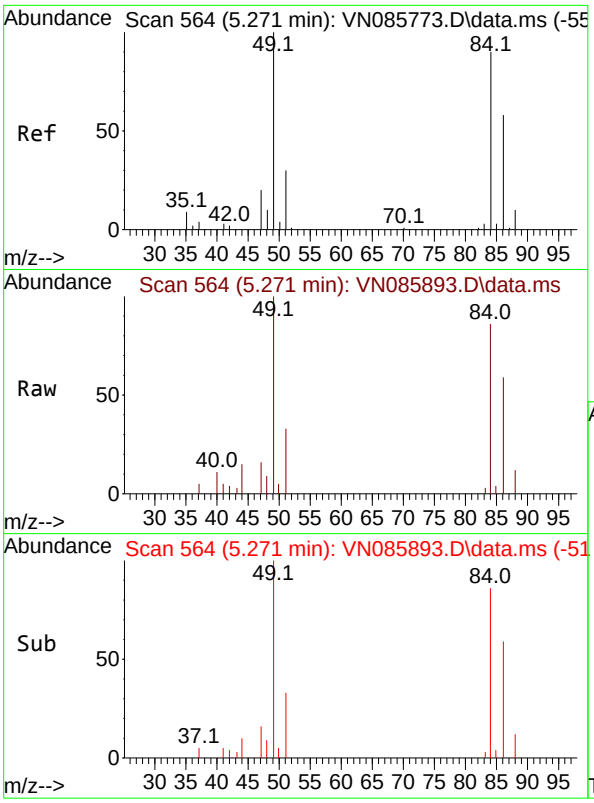


#16
Acetone
Concen: 68.121 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Tgt Ion: 43 Resp: 62180

Ion	Ratio	Lower	Upper
43	100		
58	38.2	27.5	41.3



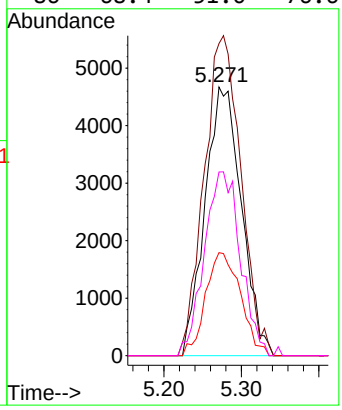


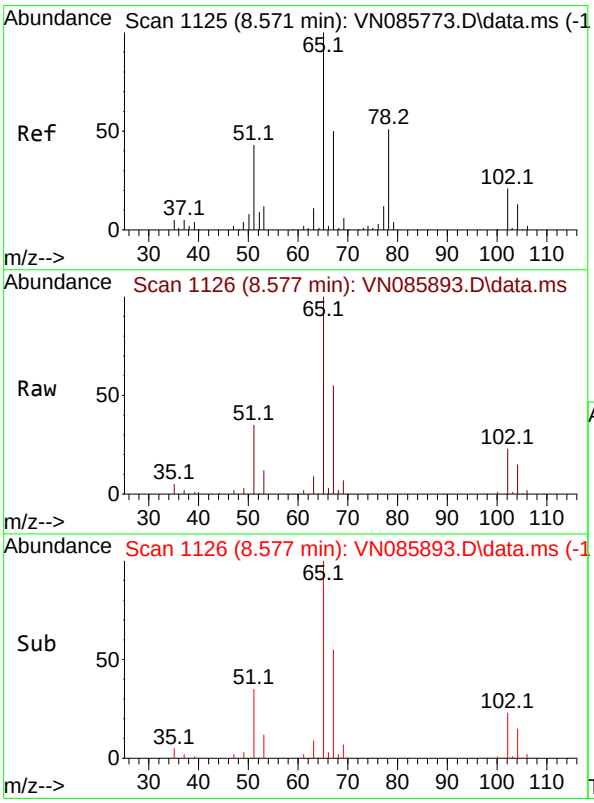
#20
Methylene Chloride
Concen: 5.195 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
VNJ-227

Tgt Ion: 84 Resp: 15250

Ion	Ratio	Lower	Upper
84	100		
49	116.2	88.4	132.6
51	38.3	26.6	40.0
86	68.4	51.0	76.6

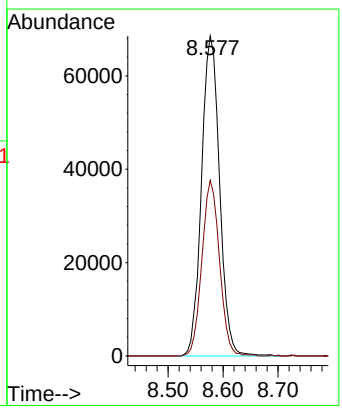


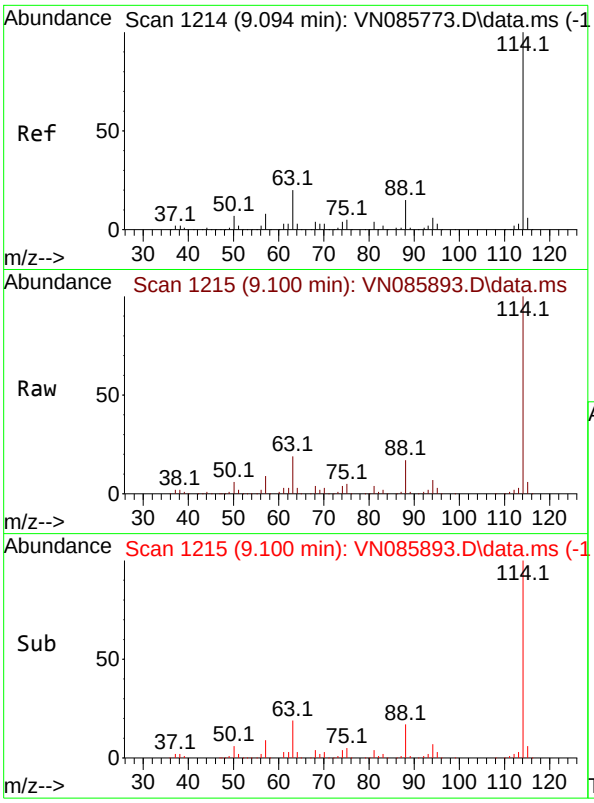


#33
1,2-Dichloroethane-d4
Concen: 54.347 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Tgt Ion: 65 Resp: 156778

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.2



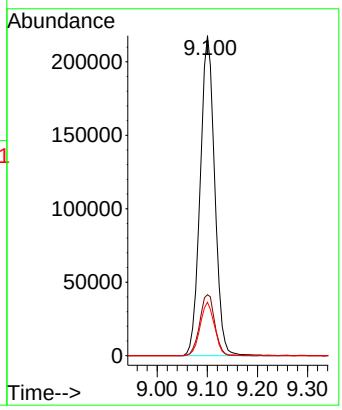


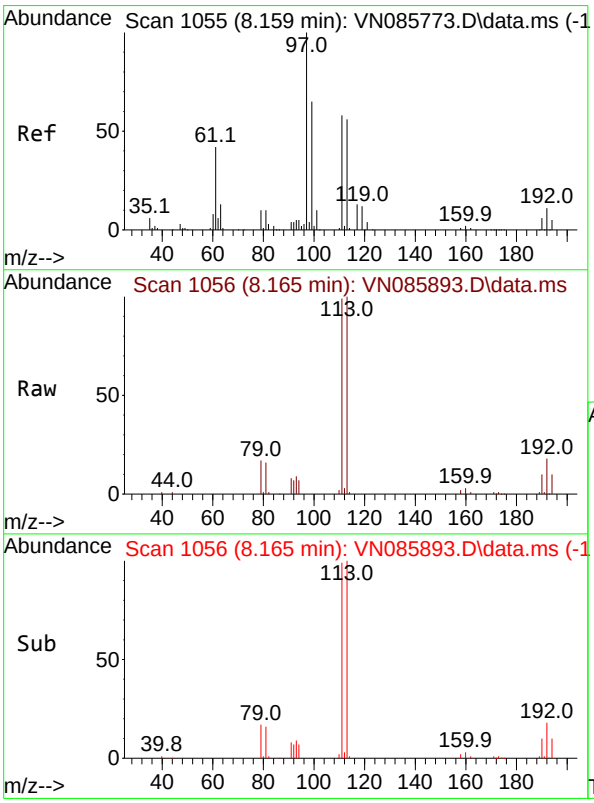
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
VNJ-227

Tgt Ion:114 Resp: 438081

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.2
88	16.7	0.0	30.0

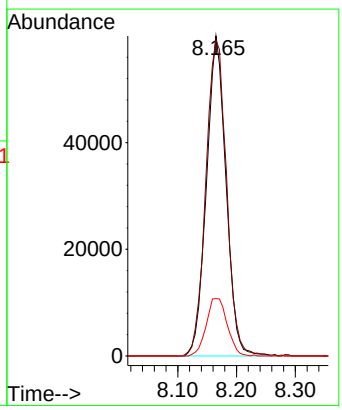


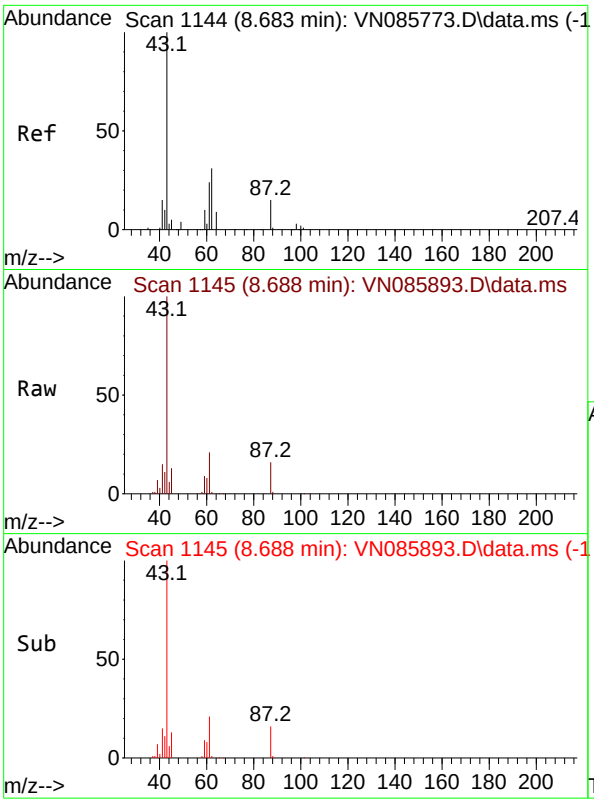


#35
Dibromofluoromethane
Concen: 48.384 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Tgt Ion:113 Resp: 138696

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	19.2	14.7	22.1



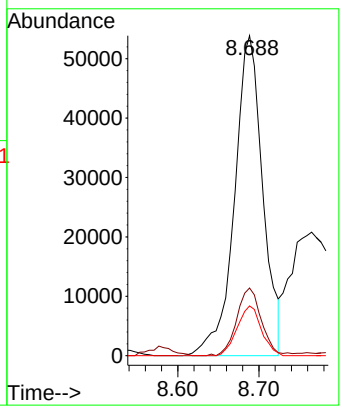


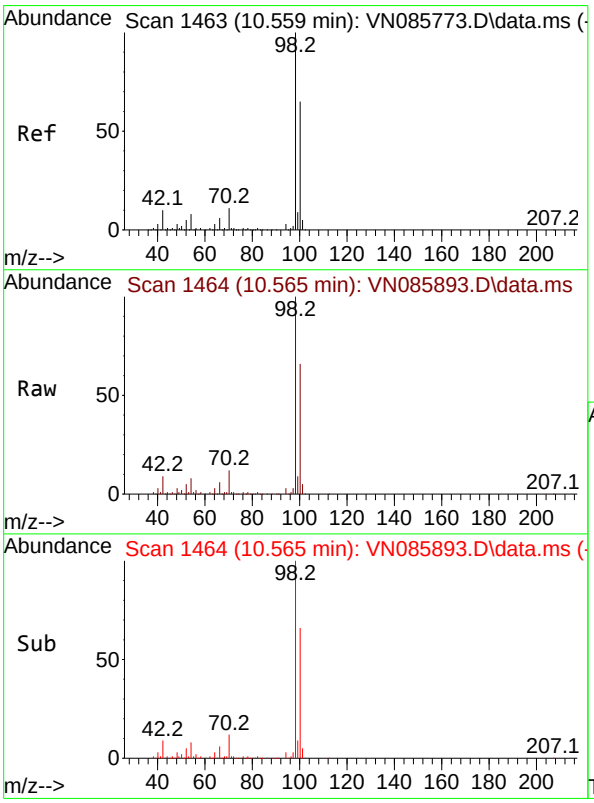
#43
Isopropyl Acetate
Concen: 21.957 ug/l
RT: 8.688 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
VNJ-227

Tgt Ion: 43 Resp: 130446

Ion	Ratio	Lower	Upper
43	100		
61	18.4	22.6	34.0#
87	13.3	11.8	17.8

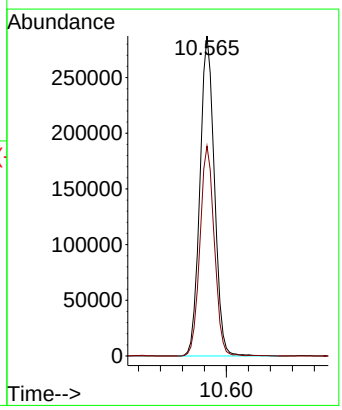


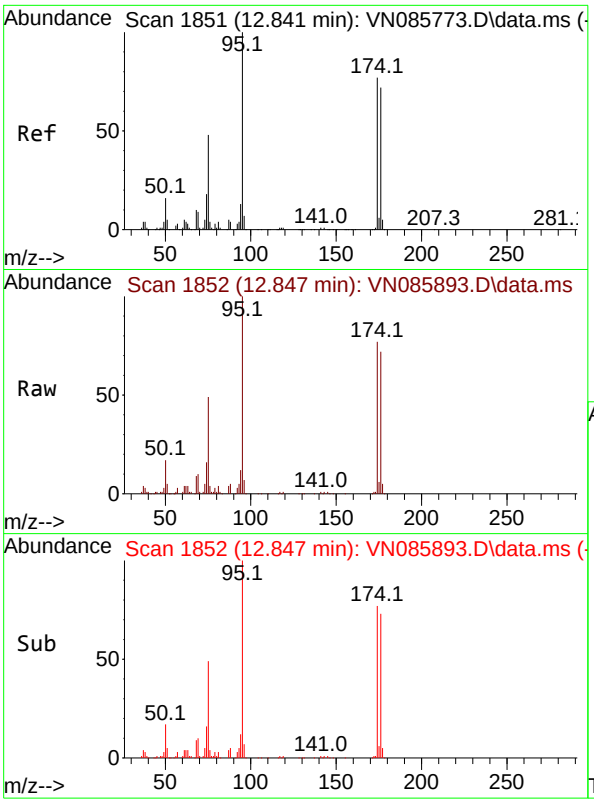


#50
Toluene-d8
Concen: 50.356 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Tgt Ion: 98 Resp: 525192

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1



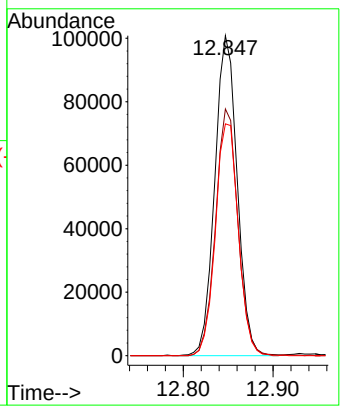


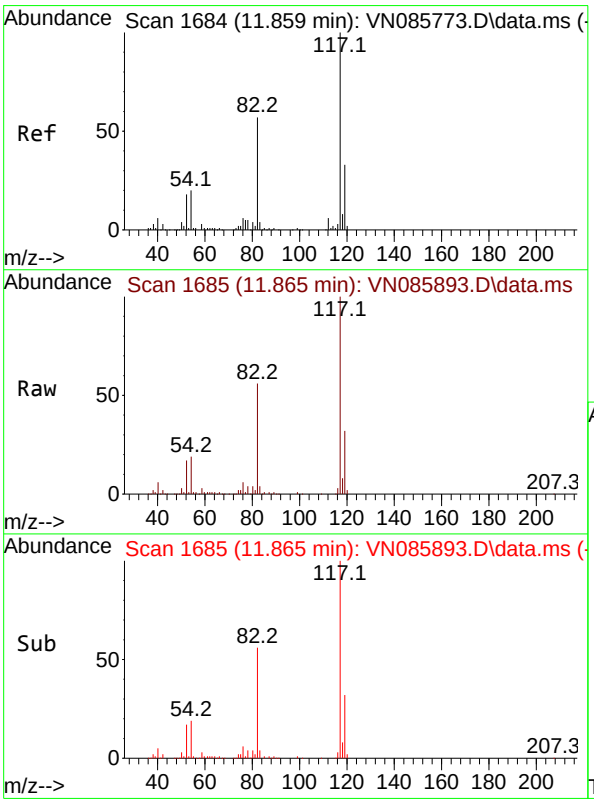
#62
4-Bromofluorobenzene
Concen: 50.923 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
VNJ-227

Tgt Ion: 95 Resp: 174986

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	152.4
176	74.1	0.0	146.6

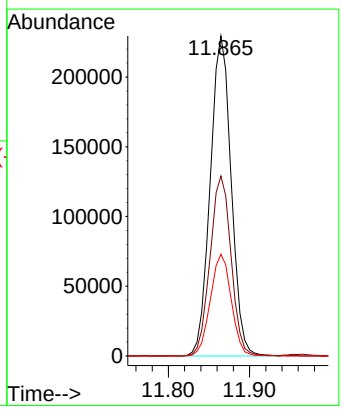


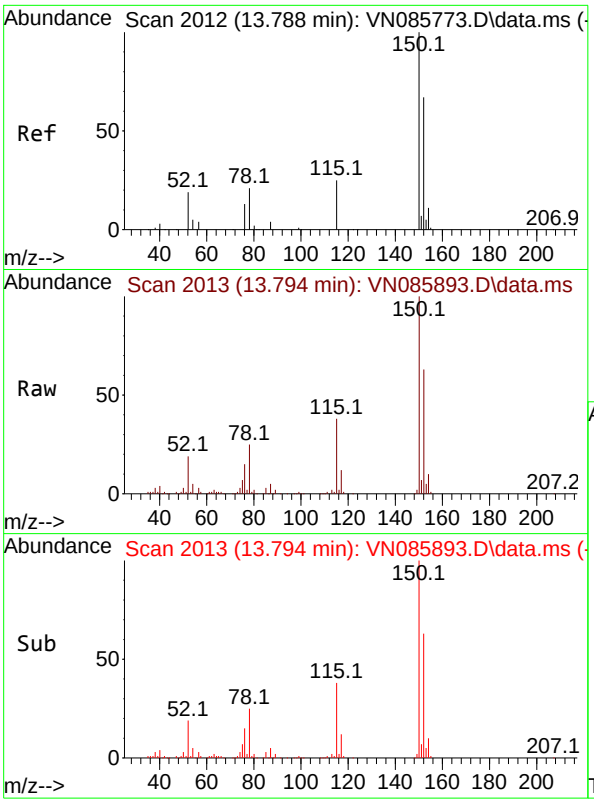


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Tgt Ion:117 Resp: 411277

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.7	68.5
119	31.8	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN085893.D
Acq: 27 Feb 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
VNJ-227

Tgt Ion:152 Resp: 160017

Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.4	91.3
150	158.3	0.0	345.4