Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
Data File : VN085819.D
Acq On : 21 Feb 2025 21:50
Operator : JC\MD
Sample : Q1397-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP8

Quant Time: Feb 22 02:43:41 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	245873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	488846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	463054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	194272	60.945	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.900%			
35) Dibromofluoromethane	8.165	113	166064	51.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	10.565	98	631804	54.287	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.580%			
62) 4-Bromofluorobenzene	12.847	95	183039	47.735	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.460%			
Target Compounds						Qvalue
16) Acetone	4.430	43	41830	41.472	ug/l	96
18) Methyl Acetate	5.030	43	4025	1.160	ug/l #	88
20) Methylene Chloride	5.283	84	4513	1.391	ug/l #	68
37) Ethyl Acetate	7.553	43	4331	1.163	ug/l #	80
43) Isopropyl Acetate	8.682	43	210792	32.043	ug/l #	83

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

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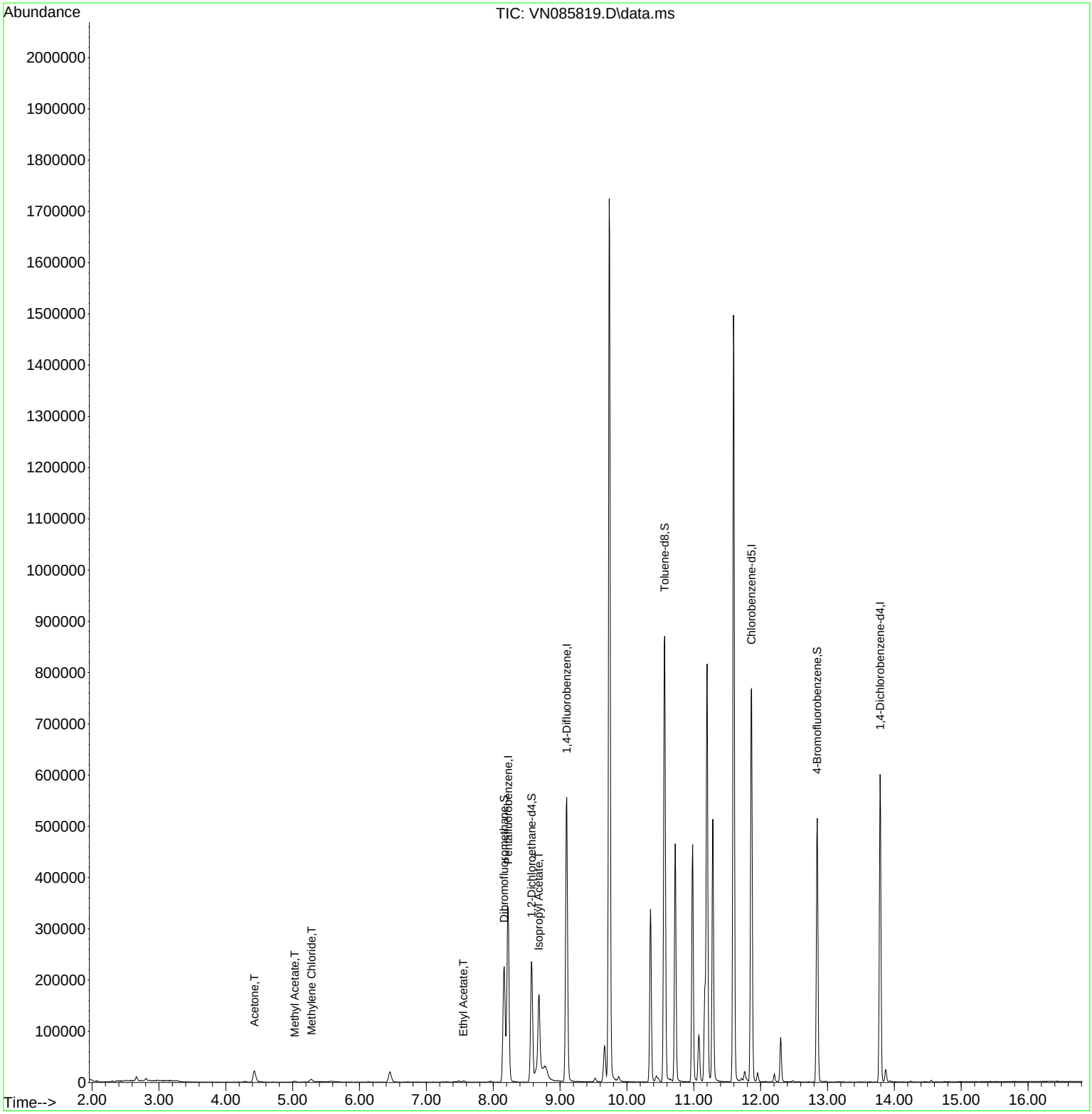
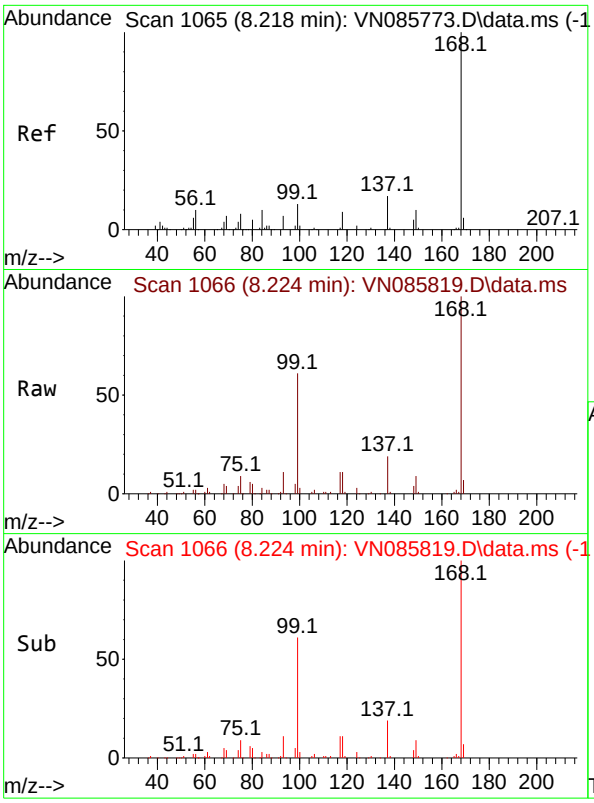


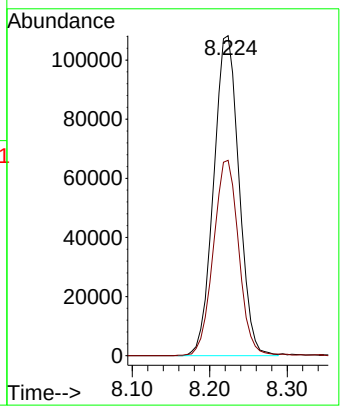


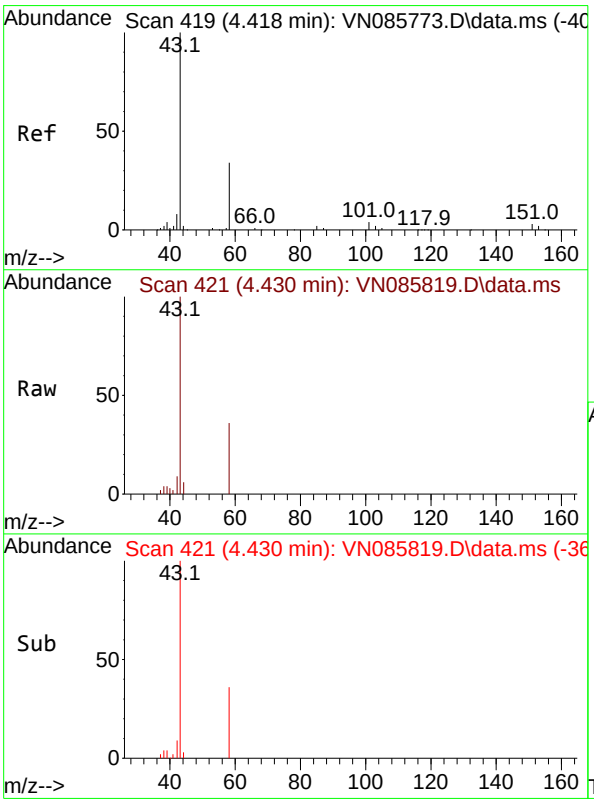
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Instrument :
MSVOA_N
ClientSampleId :
TP8

Tgt Ion:168 Resp: 245873

Ion	Ratio	Lower	Upper
168	100		
99	60.9	47.9	71.9

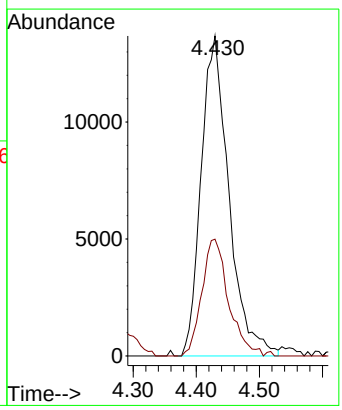


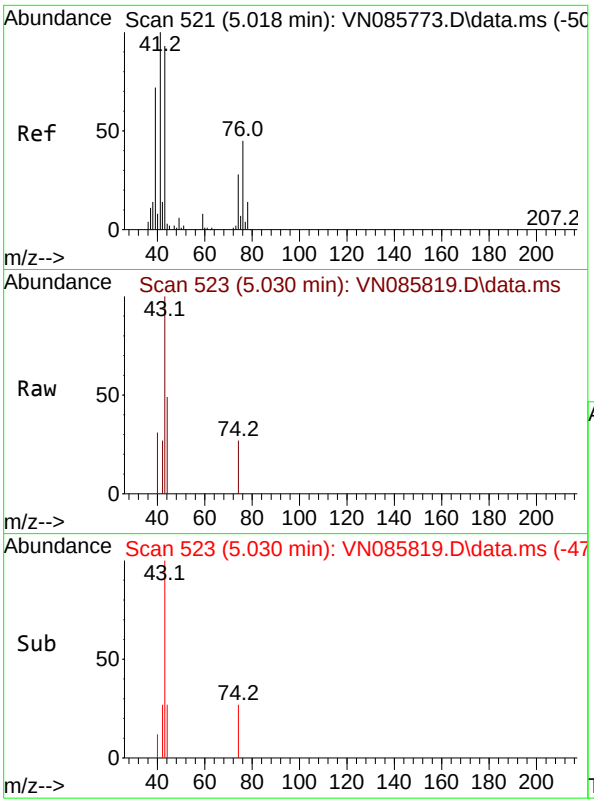


#16
Acetone
Concen: 41.472 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Tgt Ion: 43 Resp: 41830

Ion	Ratio	Lower	Upper
43	100		
58	36.5	27.5	41.3



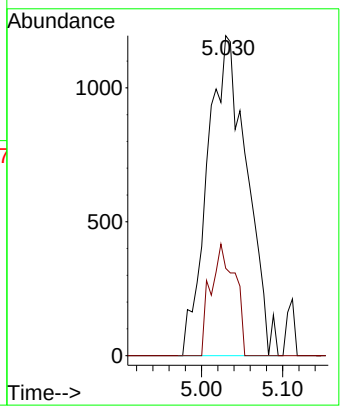


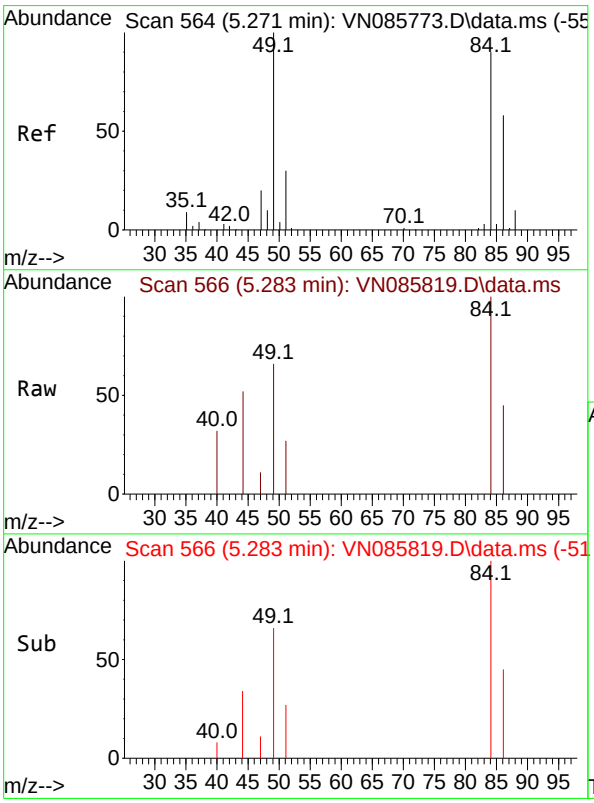
#18
Methyl Acetate
Concen: 1.160 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Instrument :
MSVOA_N
ClientSampleId :
TP8

Tgt Ion: 43 Resp: 4025

Ion	Ratio	Lower	Upper
43	100		
74	21.4	22.2	33.4#

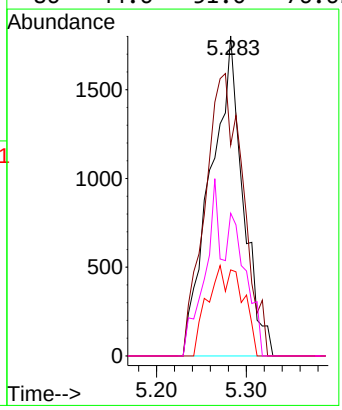


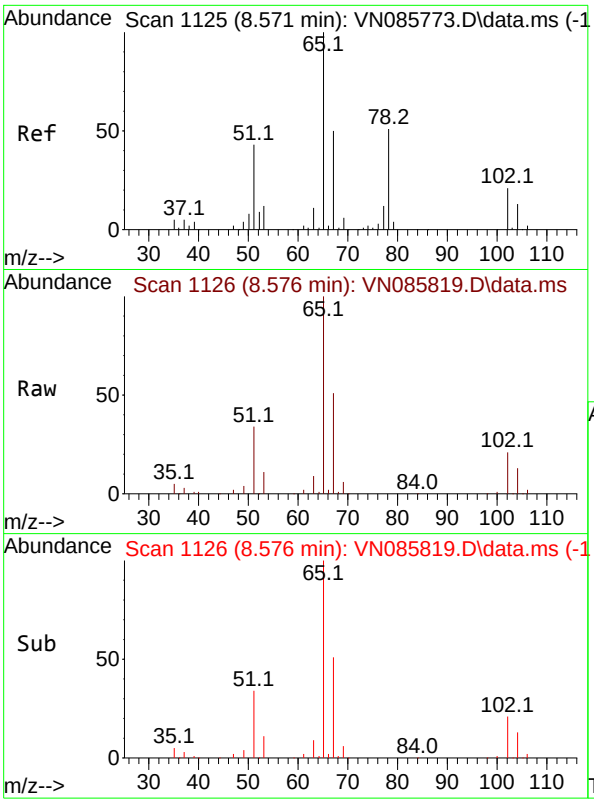


#20
Methylene Chloride
Concen: 1.391 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Tgt Ion: 84 Resp: 4513

Ion	Ratio	Lower	Upper
84	100		
49	65.9	88.4	132.6#
51	26.9	26.6	40.0
86	44.6	51.0	76.6#



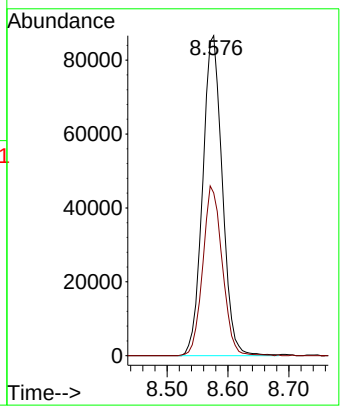


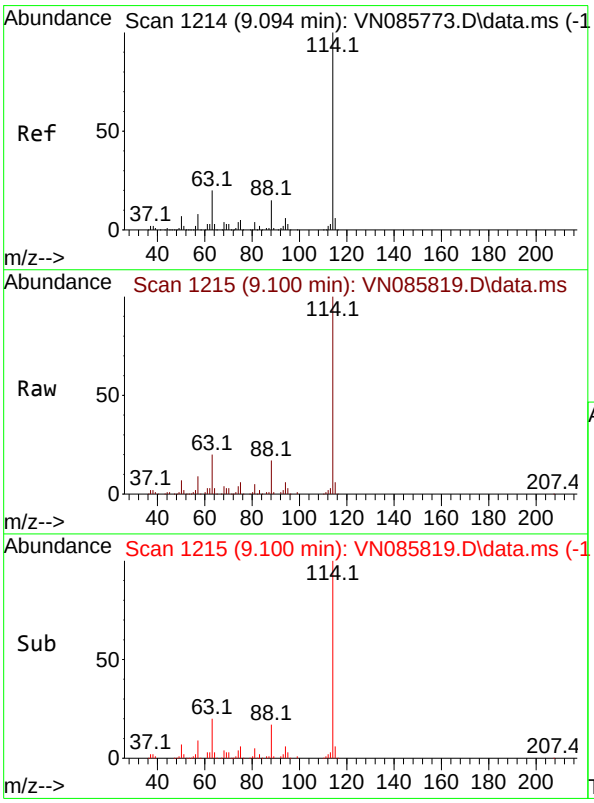
#33
1,2-Dichloroethane-d4
Concen: 60.945 ug/l
RT: 8.576 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Instrument :
MSVOA_N
ClientSampleId :
TP8

Tgt Ion: 65 Resp: 194272

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.2

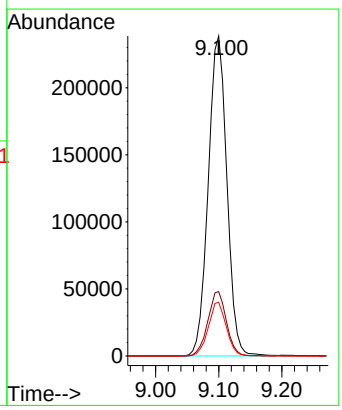


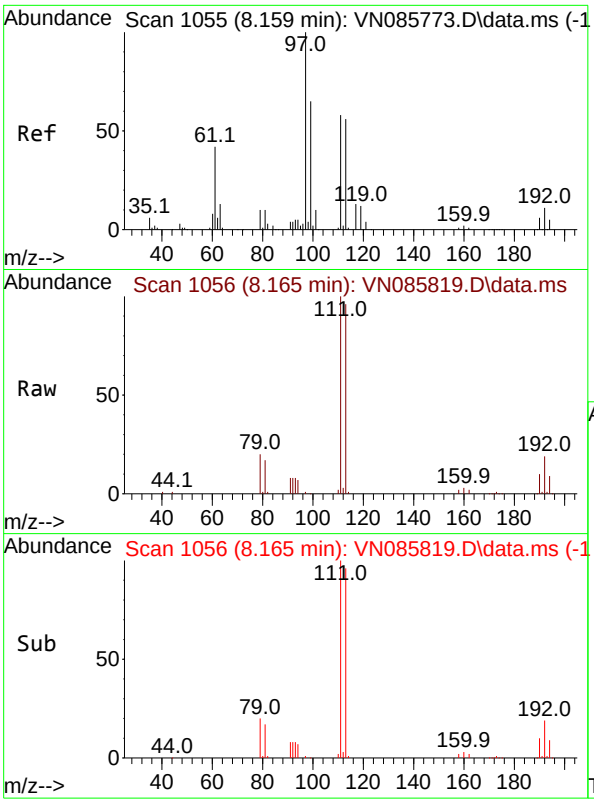


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Tgt Ion:114 Resp: 488846

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	16.8	0.0	30.0



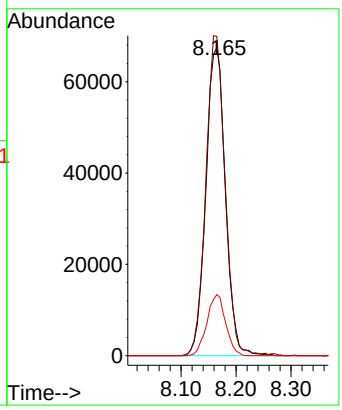


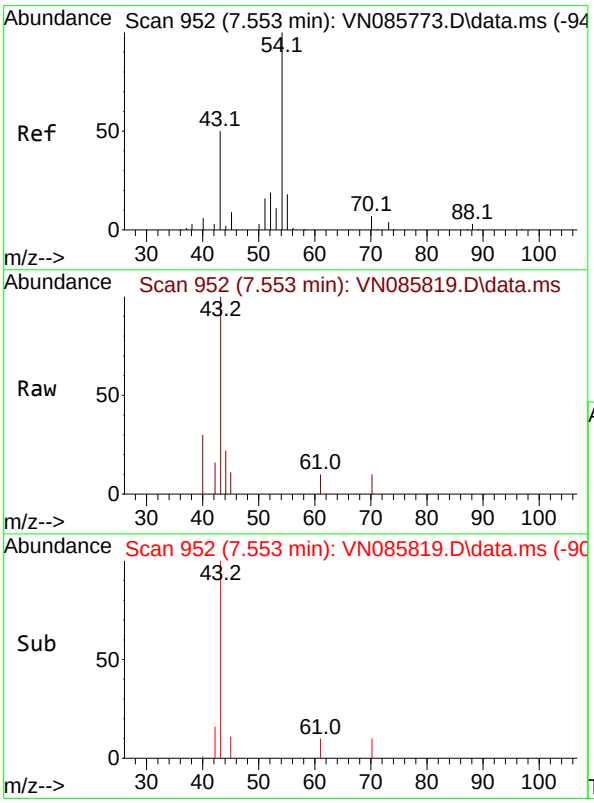
#35
Dibromofluoromethane
Concen: 51.915 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Instrument :
MSVOA_N
ClientSampleId :
TP8

Tgt Ion:113 Resp: 166064

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	19.1	14.7	22.1

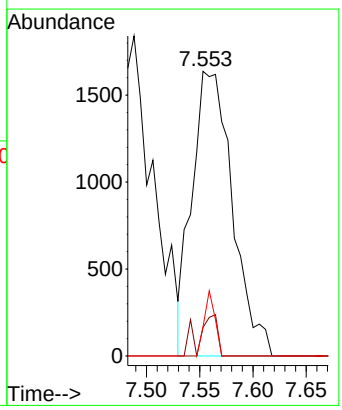


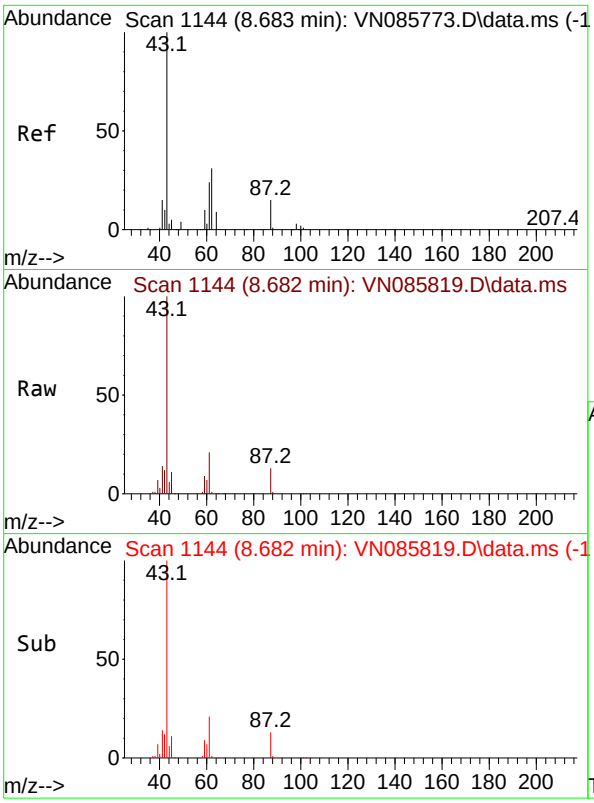


#37
Ethyl Acetate
Concen: 1.163 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Tgt Ion: 43 Resp: 4331

Ion	Ratio	Lower	Upper
43	100		
61	5.1	12.2	18.2#
70	6.1	9.5	14.3#



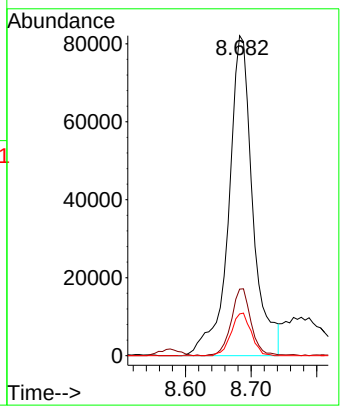


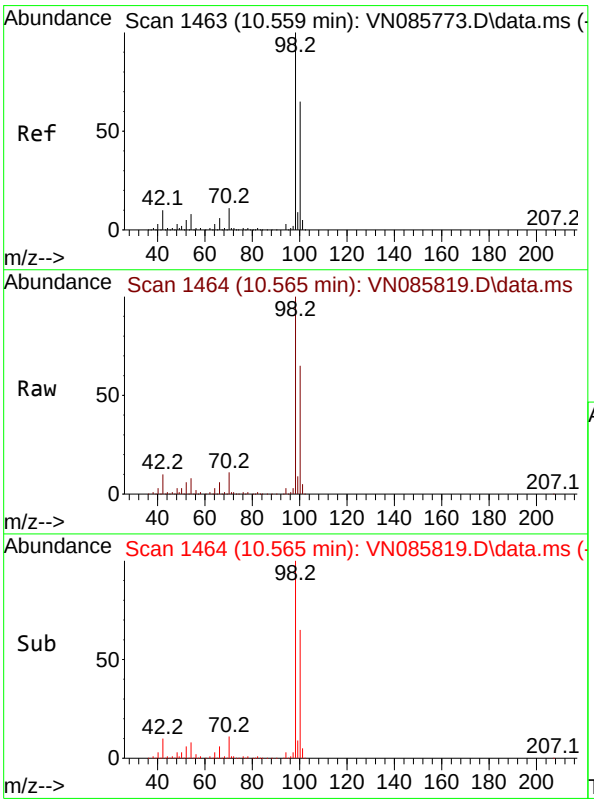
#43
Isopropyl Acetate
Concen: 32.043 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Instrument :
MSVOA_N
ClientSampleId :
TP8

Tgt Ion: 43 Resp: 210792

Ion	Ratio	Lower	Upper
43	100		
61	17.1	22.6	34.0#
87	11.0	11.8	17.8#

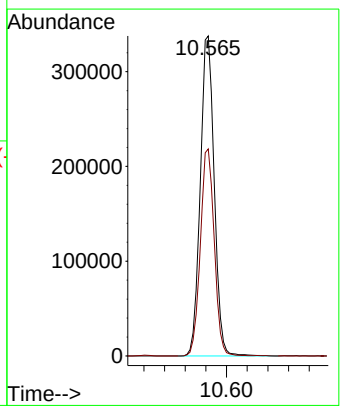


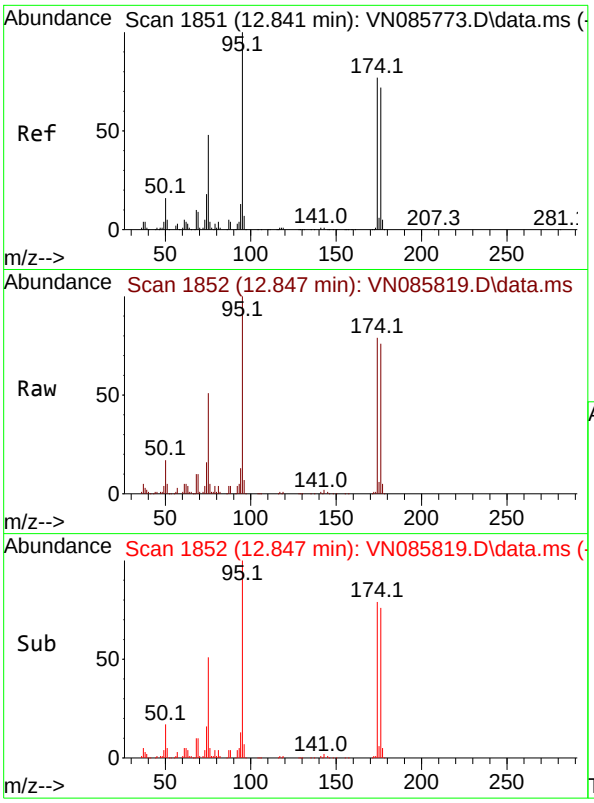


#50
Toluene-d8
Concen: 54.287 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Tgt Ion: 98 Resp: 631804

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1



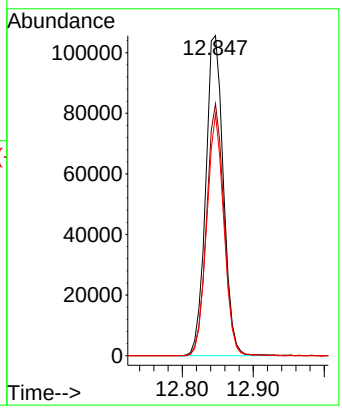


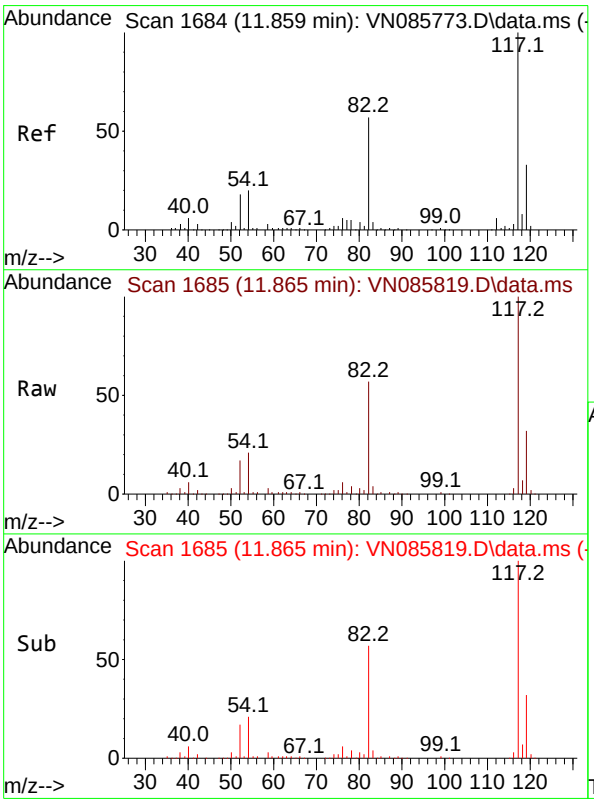
#62
4-Bromofluorobenzene
Concen: 47.735 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Instrument :
MSVOA_N
ClientSampleId :
TP8

Tgt Ion: 95 Resp: 183039

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	152.4
176	72.7	0.0	146.6

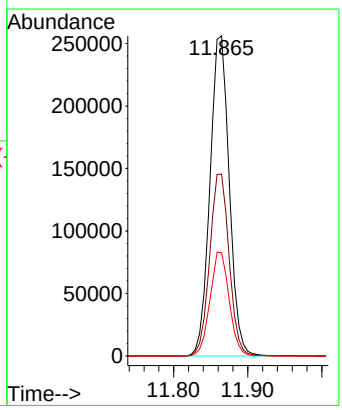


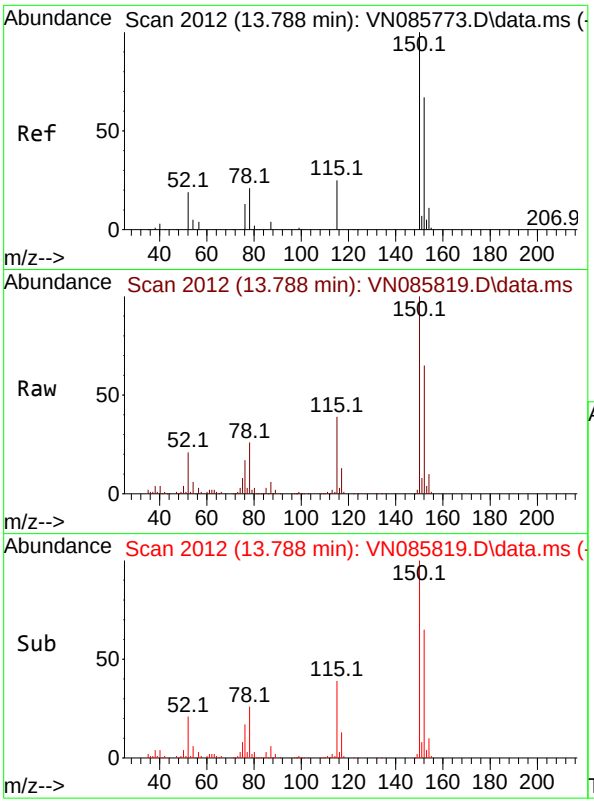


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Tgt Ion:117 Resp: 463054

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.7	68.5
119	32.3	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN085819.D
Acq: 21 Feb 2025 21:50

Instrument :
MSVOA_N
ClientSampleId :
TP8

Tgt Ion:152 Resp: 164566

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.4	91.3
150	155.8	0.0	345.4