Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
Data File : VN080419.D
Acq On : 08 Dec 2023 20:20
Operator : JC\MD
Sample : 05657-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
205-199

Quant Time: Dec 08 22:46:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	285621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	542508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	227343	48.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.420%			
35) Dibromofluoromethane	8.171	113	198755	49.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	10.571	98	702679	48.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	12.847	95	283593	52.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.540%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	9773	18.844	ug/l #	72
16) Acetone	4.430	43	50823	32.085	ug/l	94
20) Methylene Chloride	5.283	84	24371	7.347	ug/l	99
25) 2-Butanone	7.488	43	45262	24.050	ug/l #	87
43) Isopropyl Acetate	8.688	43	142562	18.308	ug/l #	85

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

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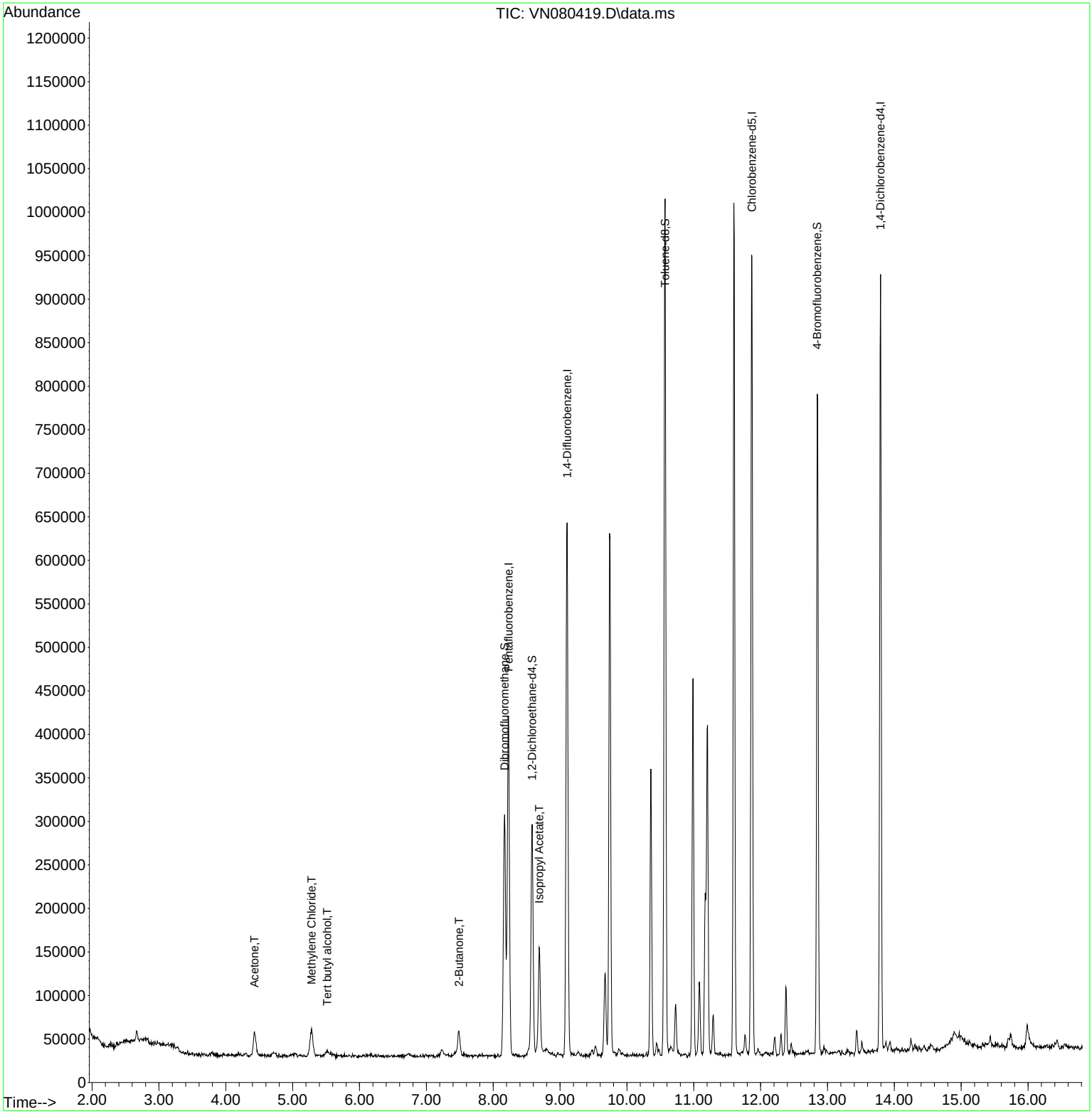
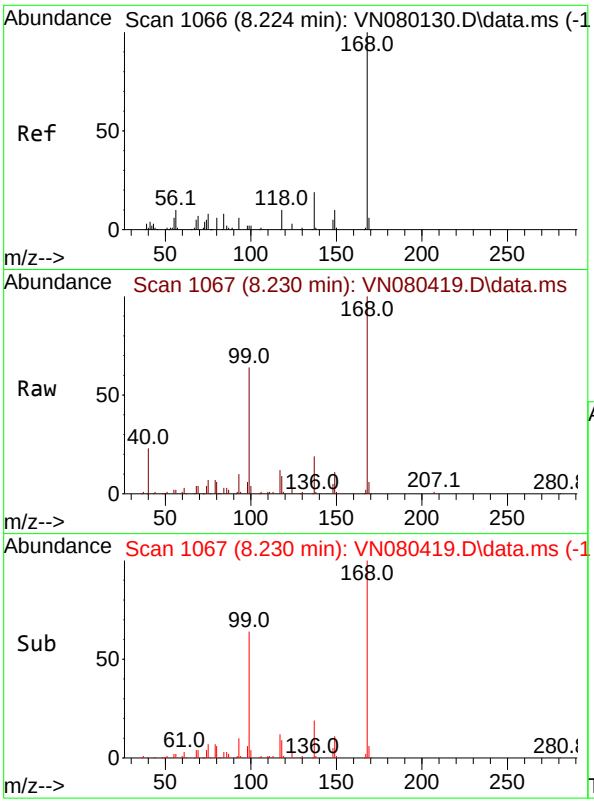


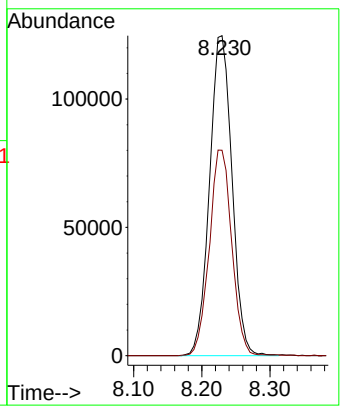


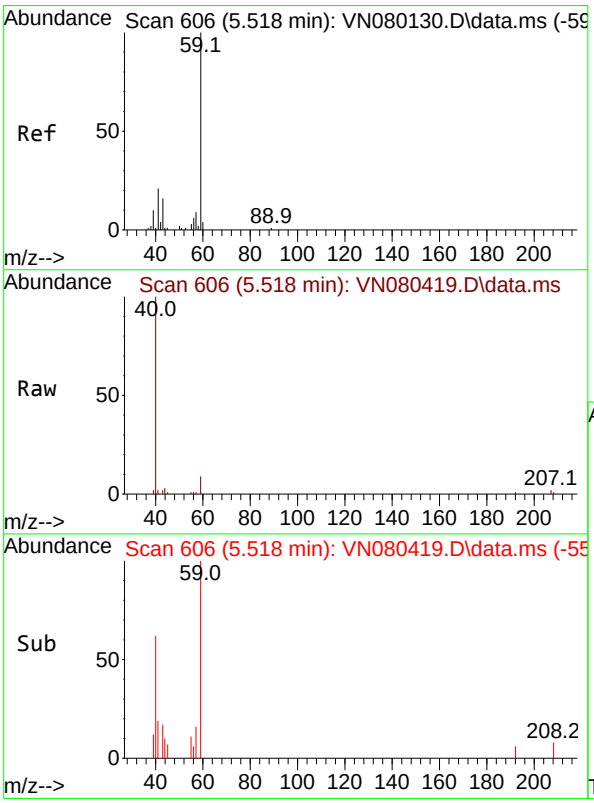
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
205-199

Tgt Ion:168 Resp: 285621

Ion	Ratio	Lower	Upper
168	100		
99	64.2	53.0	79.6

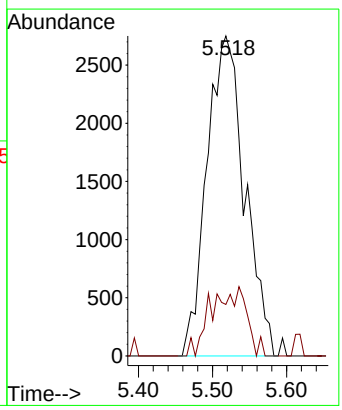


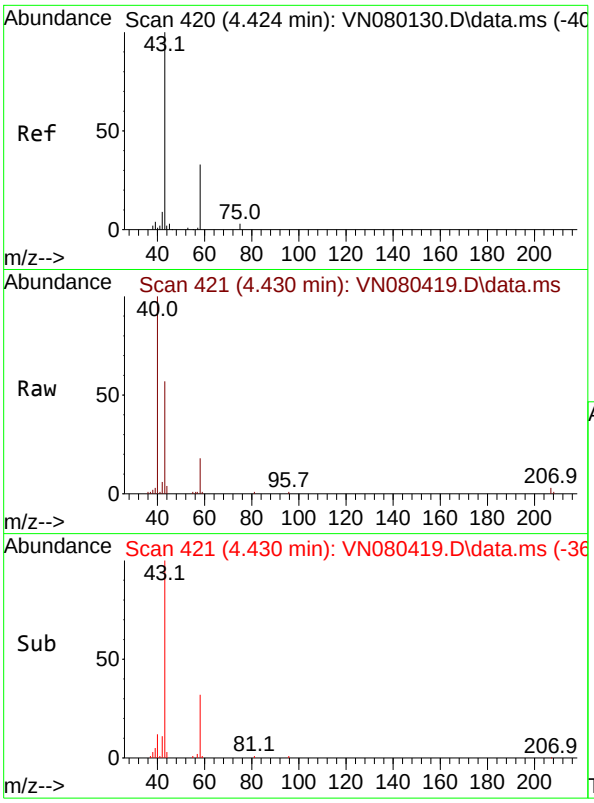


#11
Tert butyl alcohol
Concen: 18.844 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Tgt Ion: 59 Resp: 9773

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



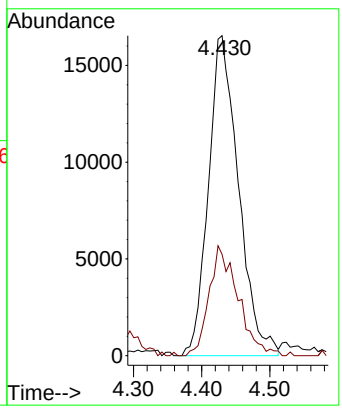


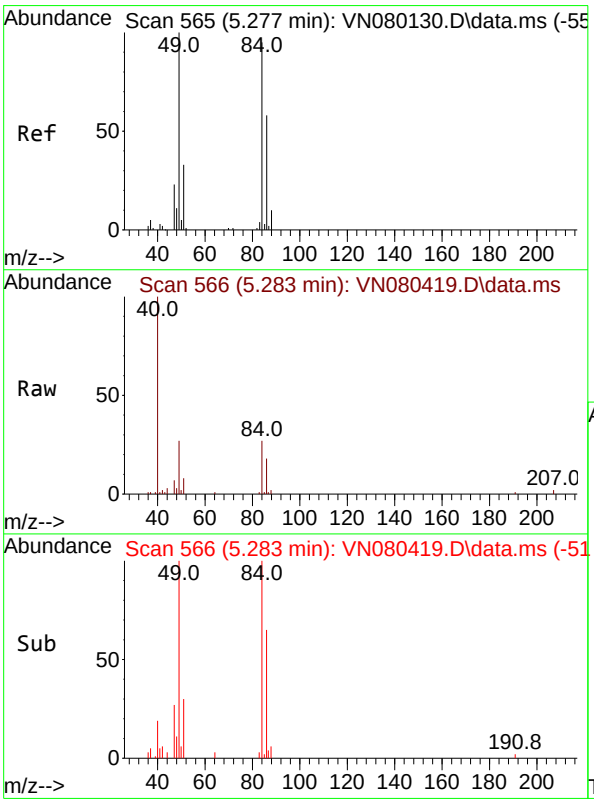
#16
Acetone
Concen: 32.085 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
205-199

Tgt Ion: 43 Resp: 50823

Ion	Ratio	Lower	Upper
43	100		
58	31.7	28.0	42.0

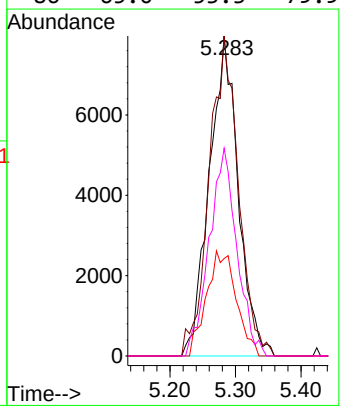


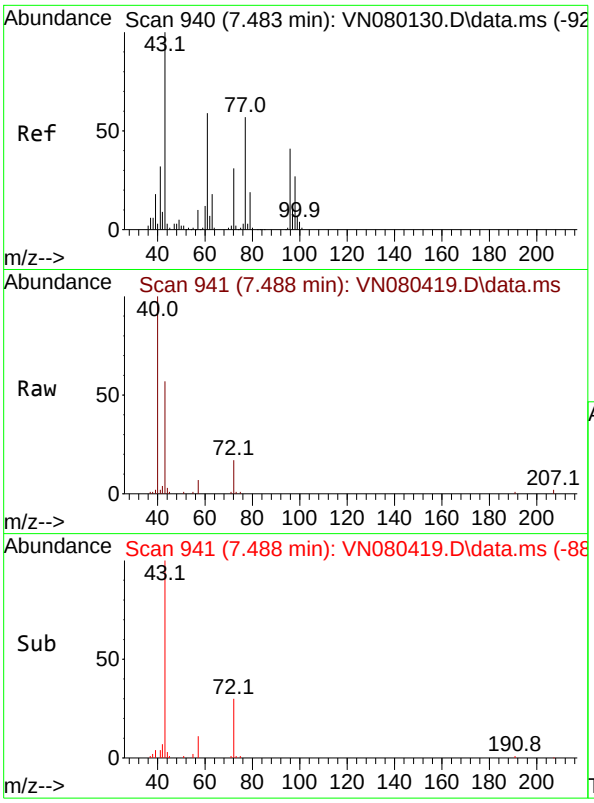


#20
Methylene Chloride
Concen: 7.347 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Tgt Ion: 84 Resp: 24371

Ion	Ratio	Lower	Upper
84	100		
49	100.2	79.7	119.5
51	30.5	25.2	37.8
86	65.0	53.3	79.9



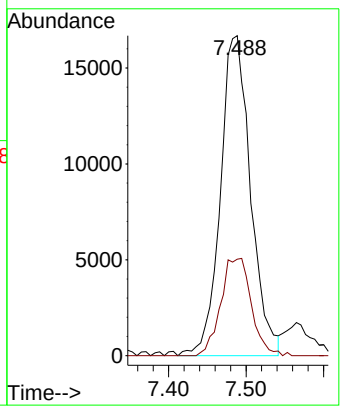


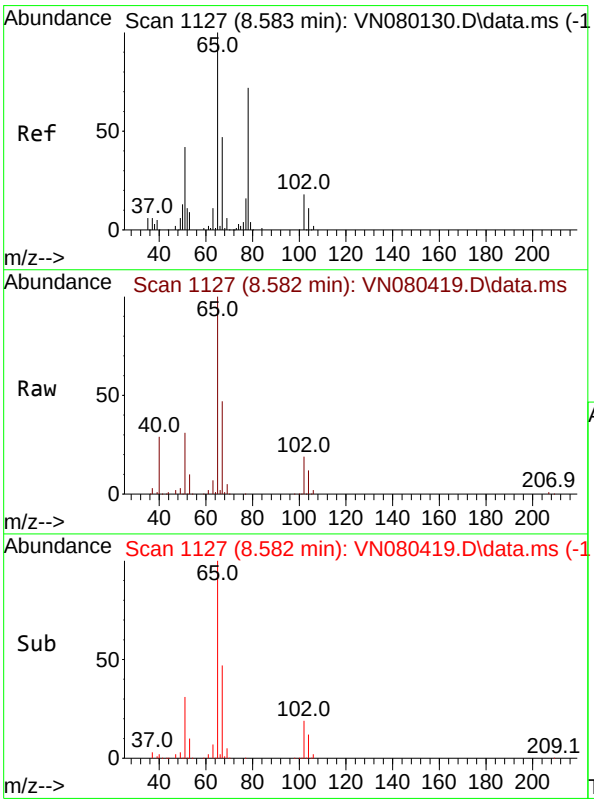
#25
2-Butanone
Concen: 24.050 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
205-199

Tgt Ion: 43 Resp: 45262

Ion	Ratio	Lower	Upper
43	100		
72	30.2	30.2	45.2#

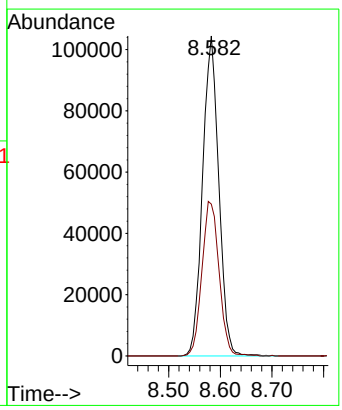


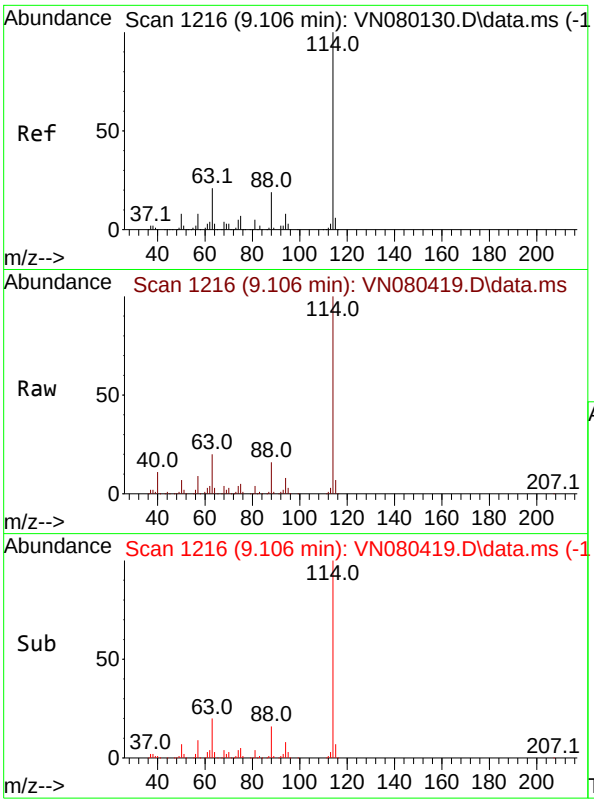


#33
1,2-Dichloroethane-d4
Concen: 48.206 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Tgt Ion: 65 Resp: 227343

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.6



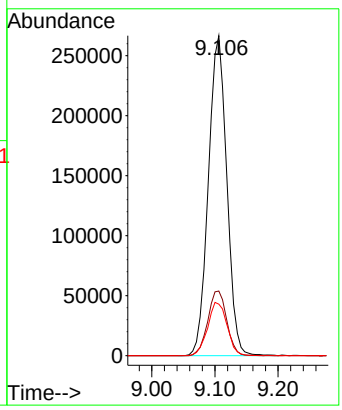


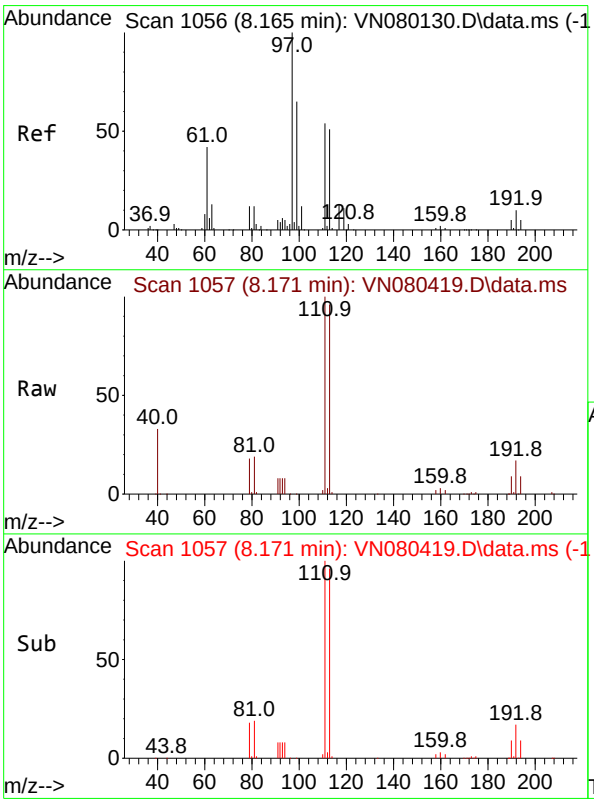
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
205-199

Tgt Ion:114 Resp: 540011

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	36.4
88	16.1	0.0	30.6

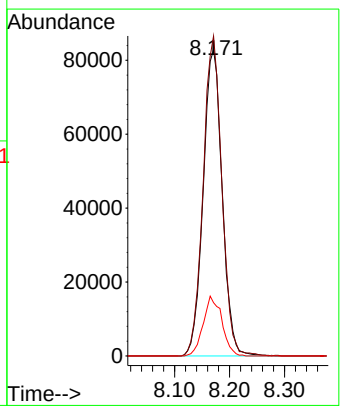


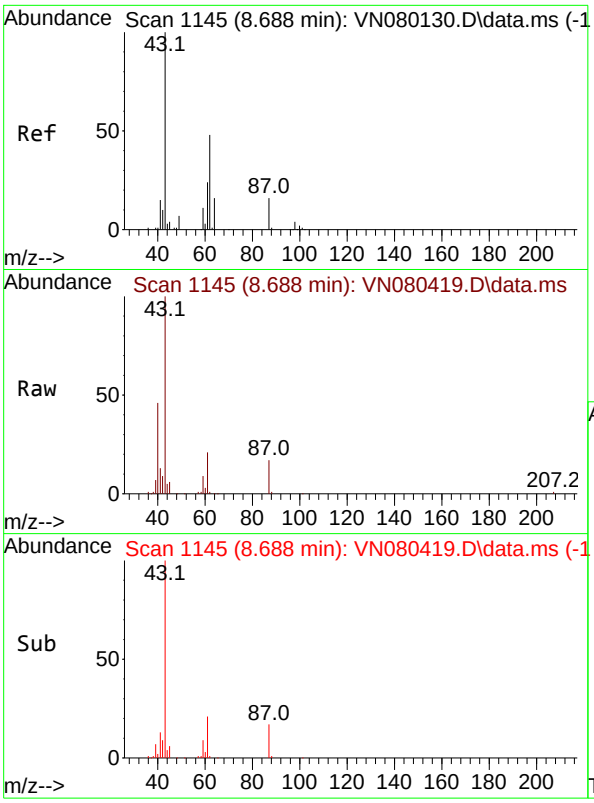


#35
Dibromofluoromethane
Concen: 49.881 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Tgt Ion:113 Resp: 198755

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.2	12.7	19.1#



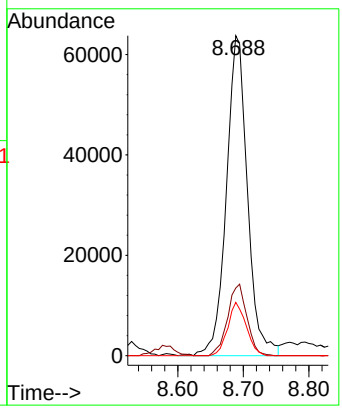


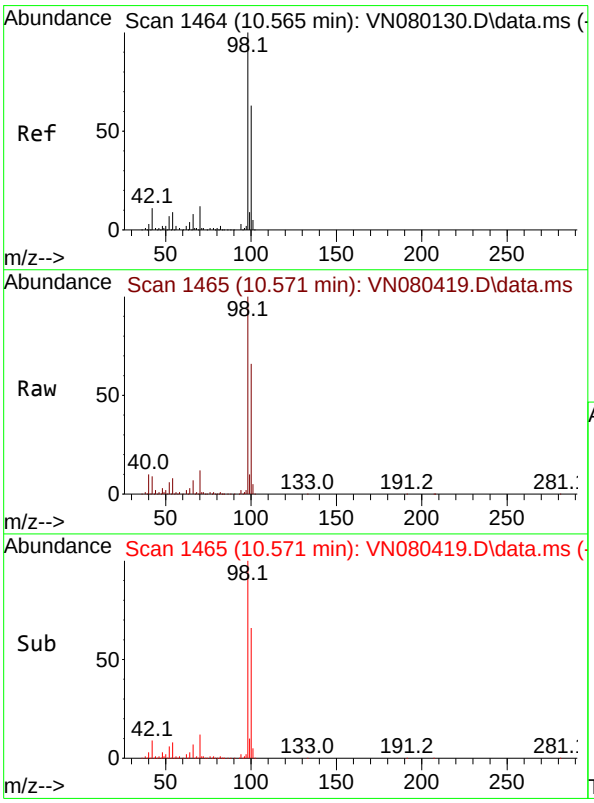
#43
Isopropyl Acetate
Concen: 18.308 ug/l
RT: 8.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
205-199

Tgt Ion: 43 Resp: 142562

Ion	Ratio	Lower	Upper
43	100		
61	20.5	24.7	37.1#
87	14.6	14.6	21.8

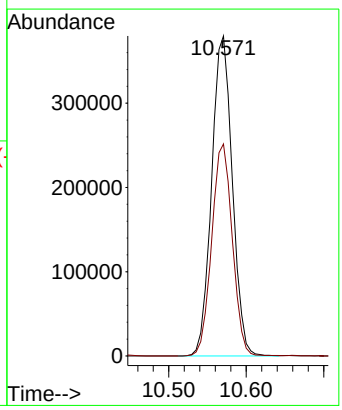


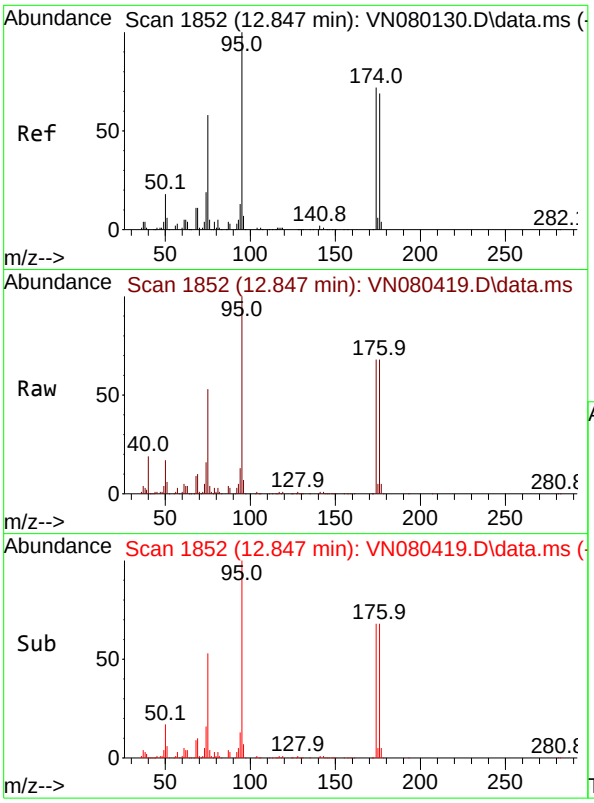


#50
Toluene-d8
Concen: 48.921 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Tgt Ion: 98 Resp: 702679

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.0	78.0



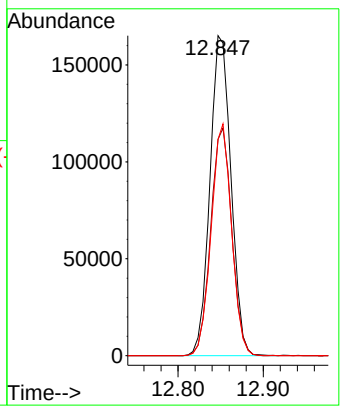


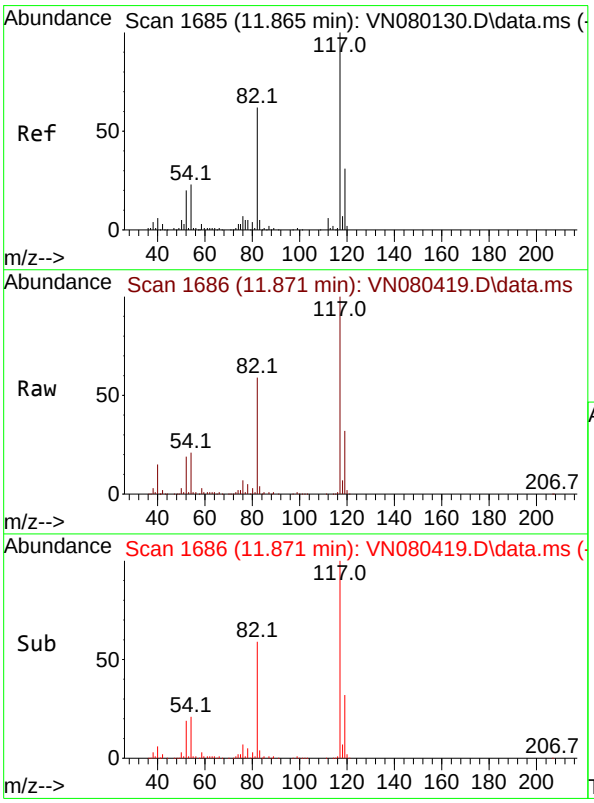
#62
4-Bromofluorobenzene
Concen: 52.272 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
205-199

Tgt Ion: 95 Resp: 283593

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	143.8
176	70.1	0.0	135.8

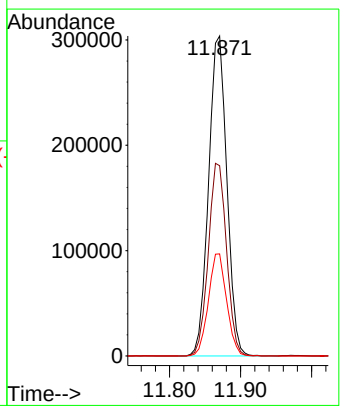


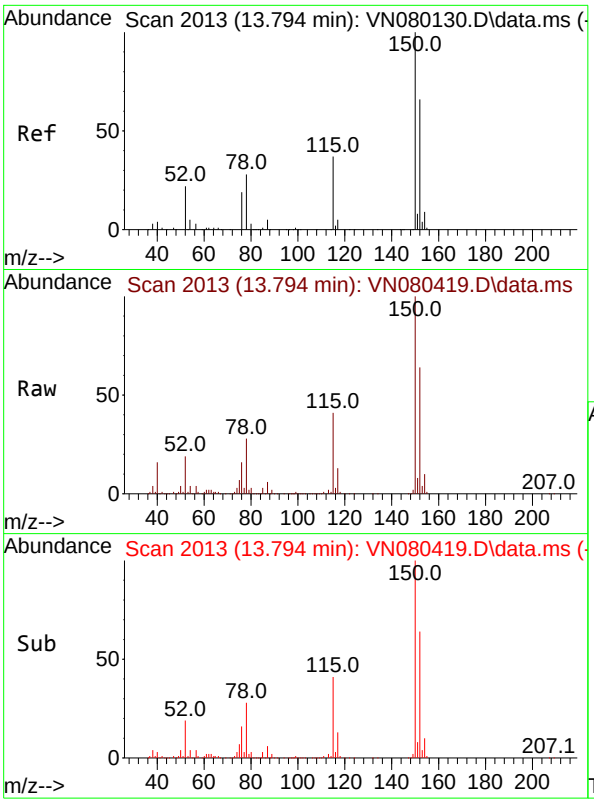


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Tgt Ion:117 Resp: 542508

Ion	Ratio	Lower	Upper
117	100		
82	59.5	44.0	66.0
119	31.9	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN080419.D
Acq: 08 Dec 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
205-199

Tgt Ion:152 Resp: 240289

Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.3	96.8
150	156.5	0.0	355.8