Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
Data File : VN071464.D
Acq On : 22 Mar 2022 13:43
Operator : JC\MD
Sample : PB143494ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Quant Time: Mar 23 07:07:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	729338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1263393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1217351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	455823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	484602	48.480	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.960%			
35) Dibromofluoromethane	8.022	113	367862	46.142	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.280%			
50) Toluene-d8	10.439	98	1591057	49.566	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.140%			
62) 4-Bromofluorobenzene	12.727	95	588748	54.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.320%			
Target Compounds						Qvalue
16) Acetone	4.287	43	39263	8.073	ug/l	96
18) Methyl Acetate	4.857	43	19715	1.965	ug/l #	87
20) Methylene Chloride	5.093	84	11833	1.703	ug/l	95
25) 2-Butanone	7.345	43	7747	0.989	ug/l #	78
43) Isopropyl Acetate	8.557	43	140174	5.332	ug/l #	77

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

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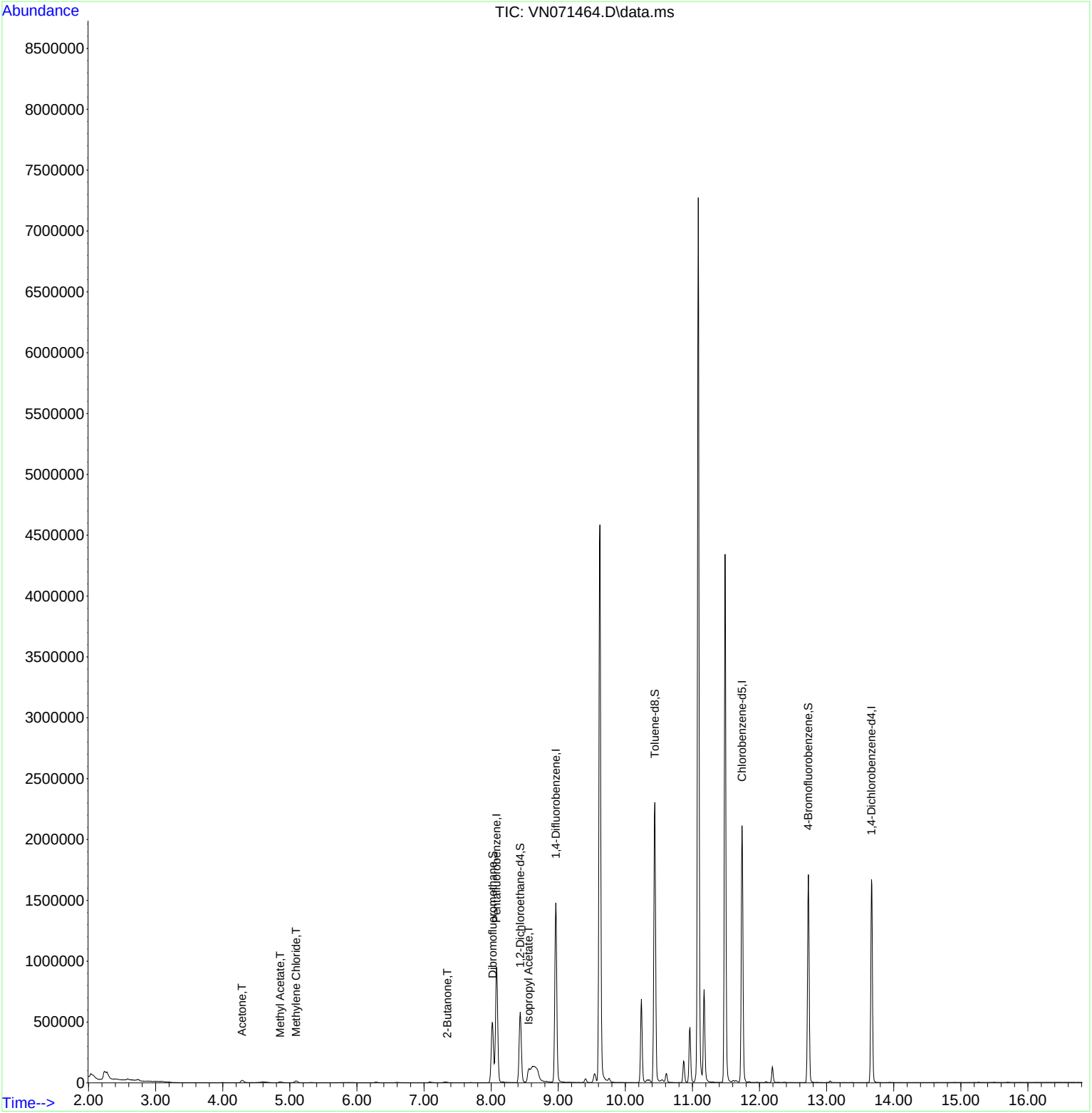
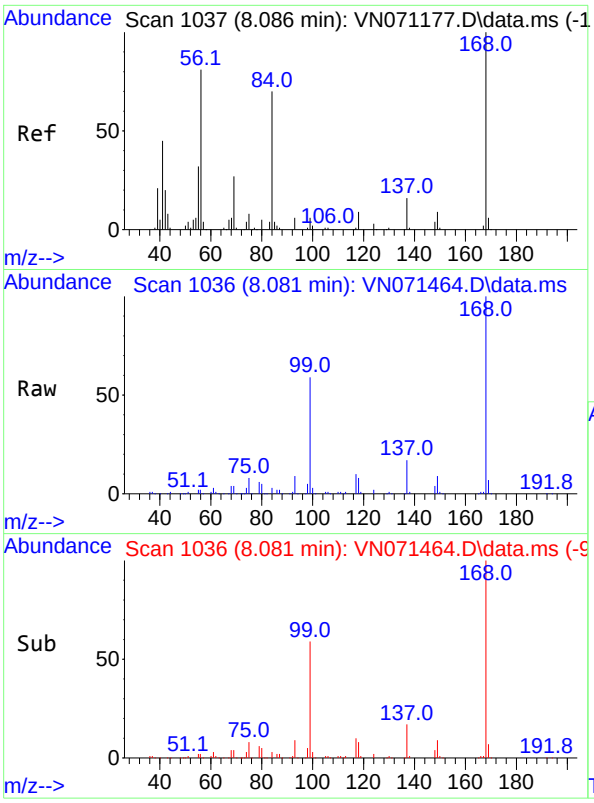


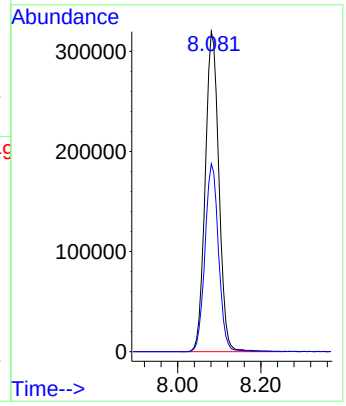


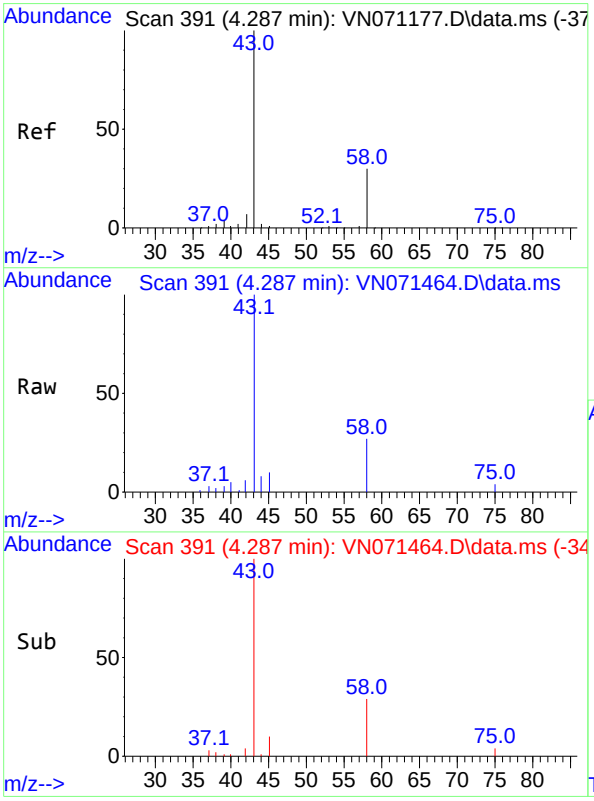
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Tgt Ion:168 Resp: 729338

Ion	Ratio	Lower	Upper
168	100		
99	58.7	41.3	61.9

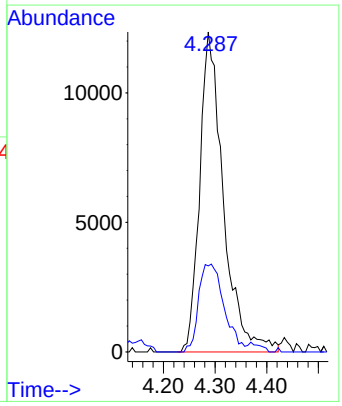


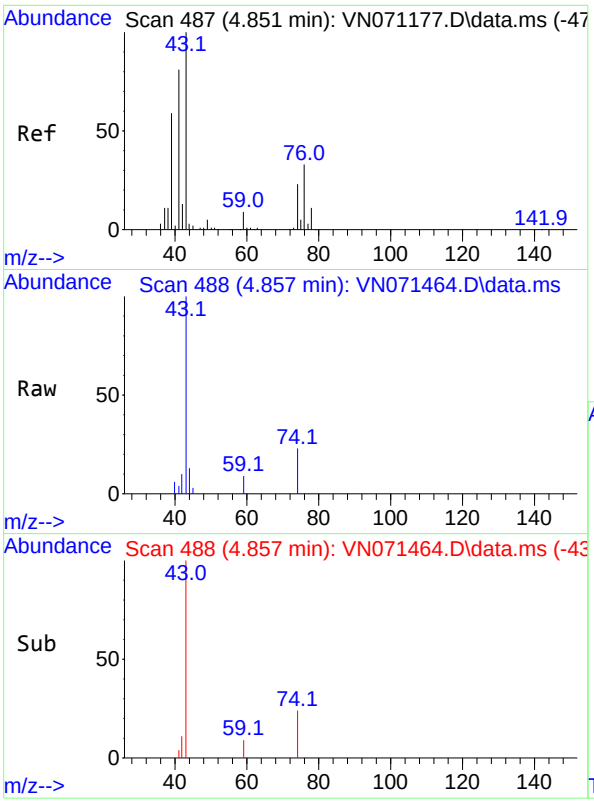


#16
Acetone
Concen: 8.073 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Tgt Ion: 43 Resp: 39263

Ion	Ratio	Lower	Upper
43	100		
58	26.9	23.1	34.7



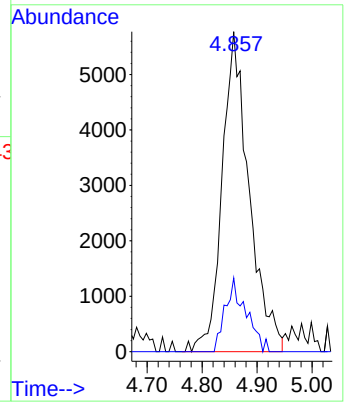


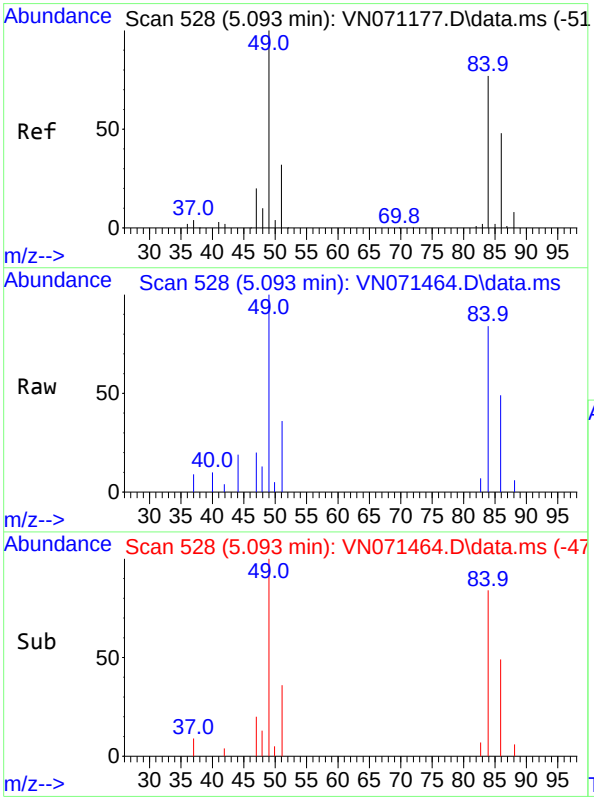
#18
Methyl Acetate
Concen: 1.965 ug/l
RT: 4.857 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Tgt Ion: 43 Resp: 19715

Ion	Ratio	Lower	Upper
43	100		
74	17.7	19.4	29.2#

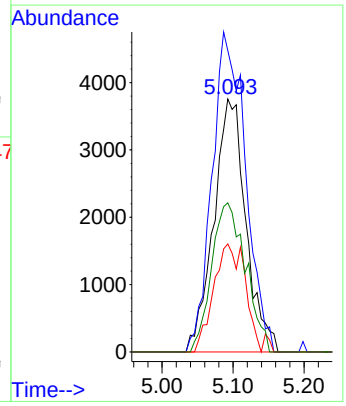


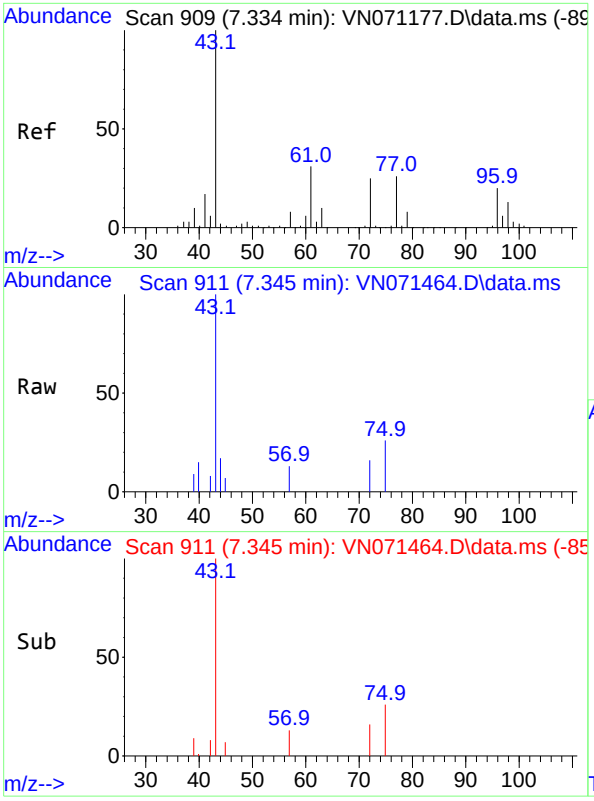


#20
Methylene Chloride
Concen: 1.703 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Tgt Ion: 84 Resp: 11833

Ion	Ratio	Lower	Upper
84	100		
49	119.1	93.5	140.3
51	42.7	29.4	44.2
86	59.0	53.0	79.4



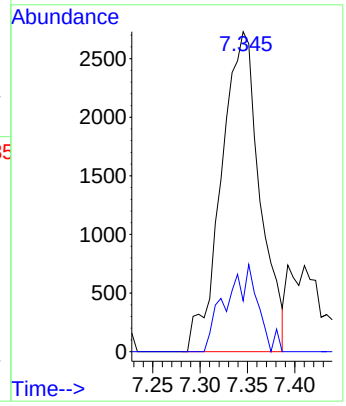


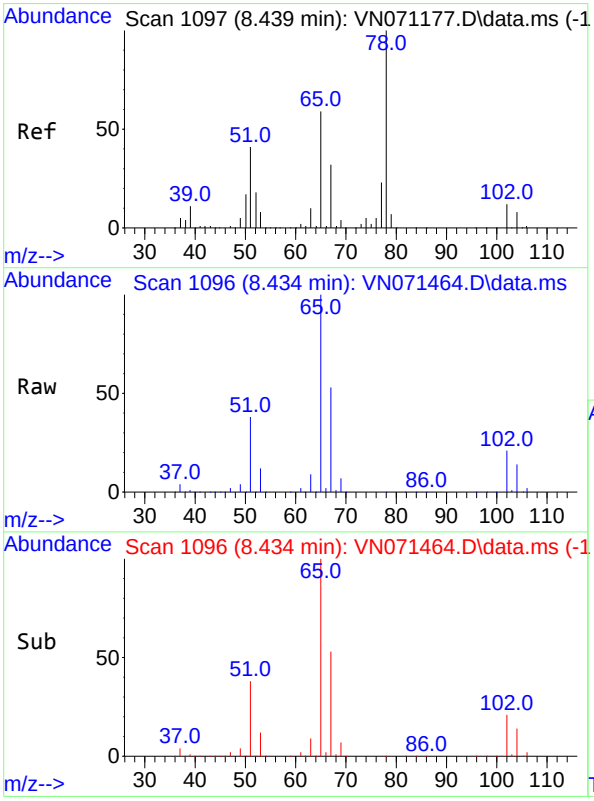
#25
2-Butanone
Concen: 0.989 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Tgt Ion: 43 Resp: 7747

Ion	Ratio	Lower	Upper
43	100		
72	15.9	21.7	32.5#

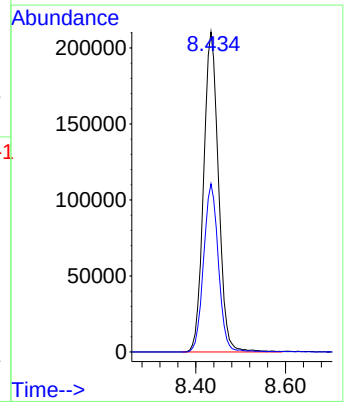


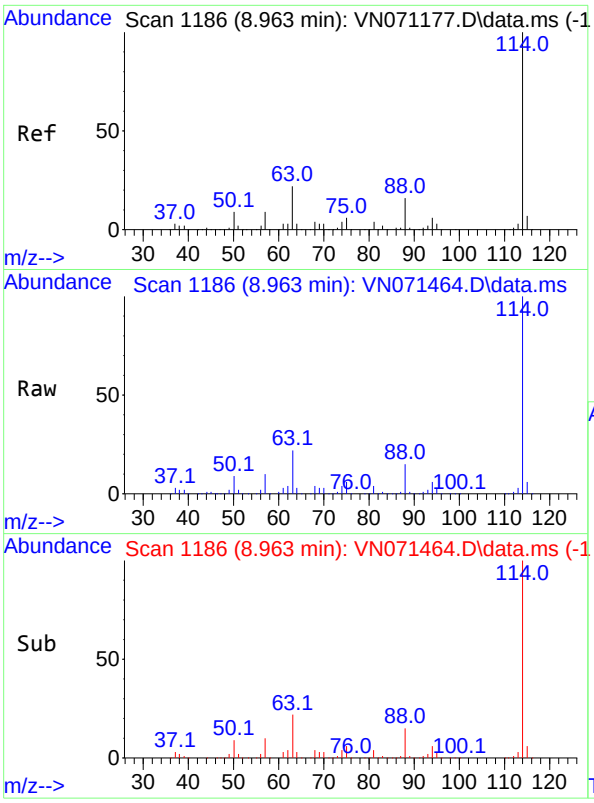


#33
1,2-Dichloroethane-d4
Concen: 48.480 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Tgt Ion: 65 Resp: 484602

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



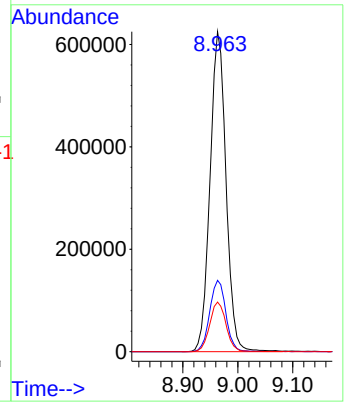


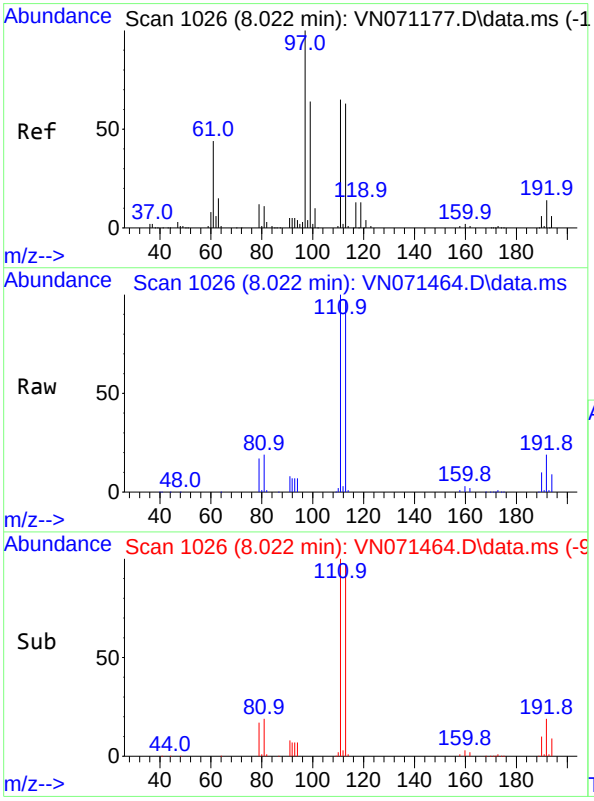
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Tgt Ion:114 Resp: 1263393

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	37.8
88	15.5	0.0	27.4

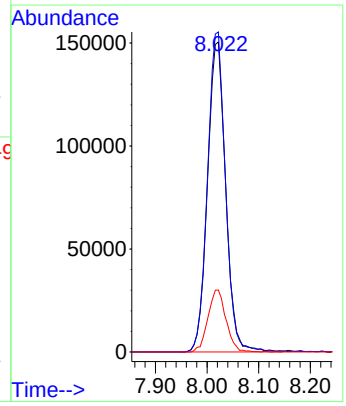


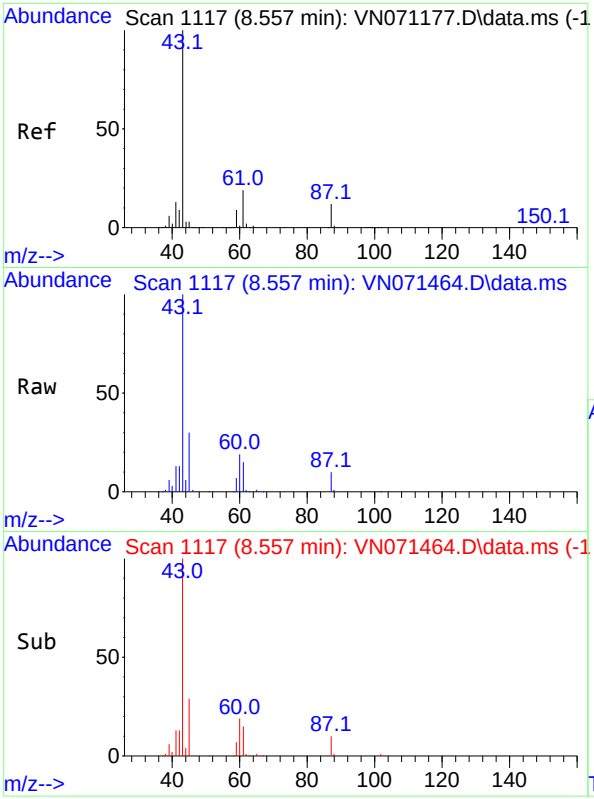


#35
Dibromofluoromethane
Concen: 46.142 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Tgt Ion:113 Resp: 367862

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	19.9	16.9	25.3



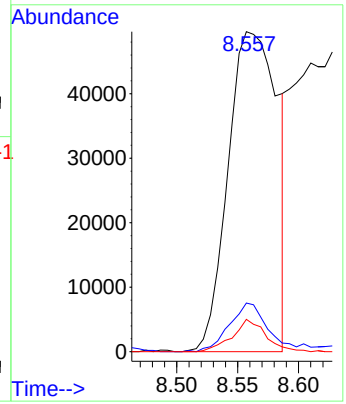


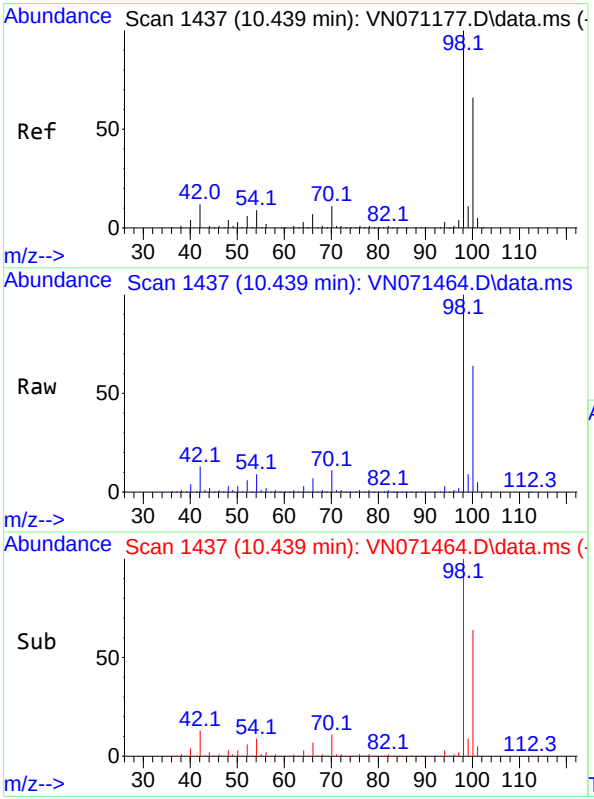
#43
Isopropyl Acetate
Concen: 5.332 ug/l
RT: 8.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Tgt Ion: 43 Resp: 140174

Ion	Ratio	Lower	Upper
43	100		
61	12.4	20.4	30.6#
87	6.9	11.2	16.8#

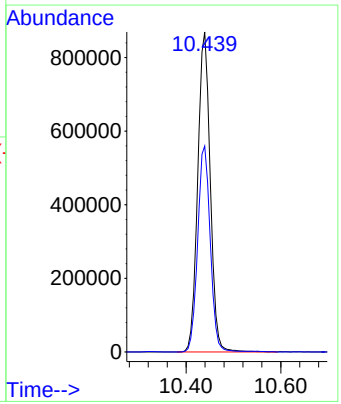


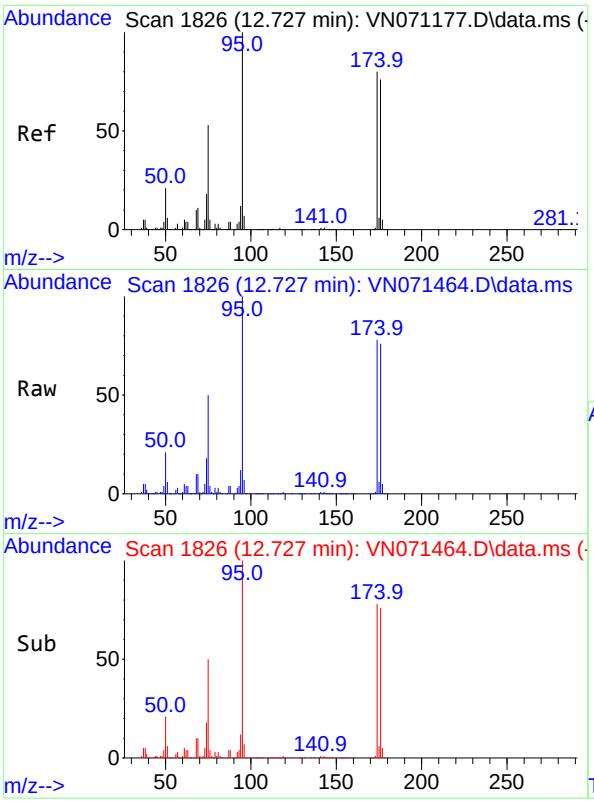


#50
Toluene-d8
Concen: 49.566 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Tgt Ion: 98 Resp: 1591057

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.4	75.6



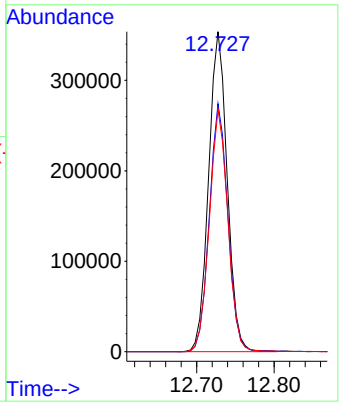


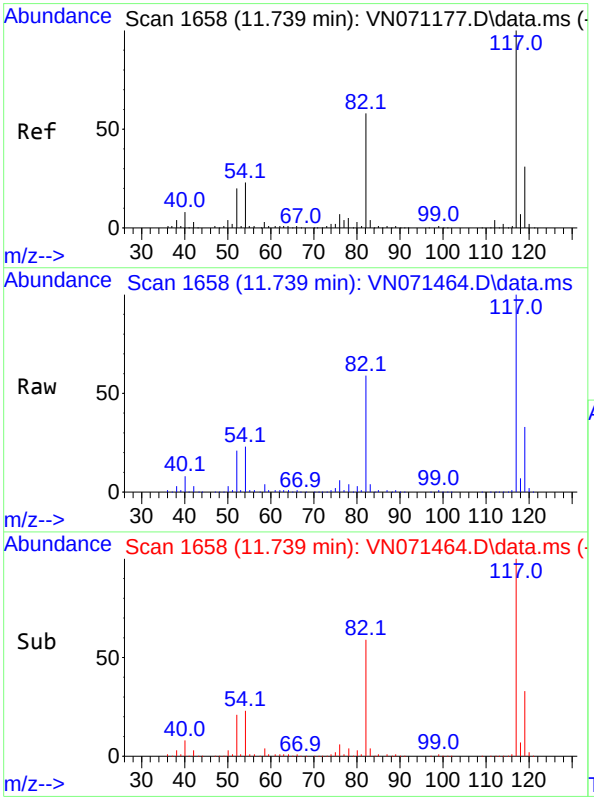
#62
4-Bromofluorobenzene
Concen: 54.164 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Tgt Ion: 95 Resp: 588748

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	187.2
176	75.4	0.0	181.4

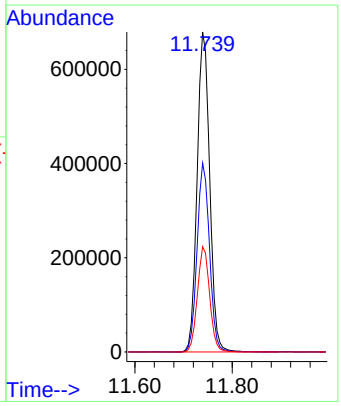


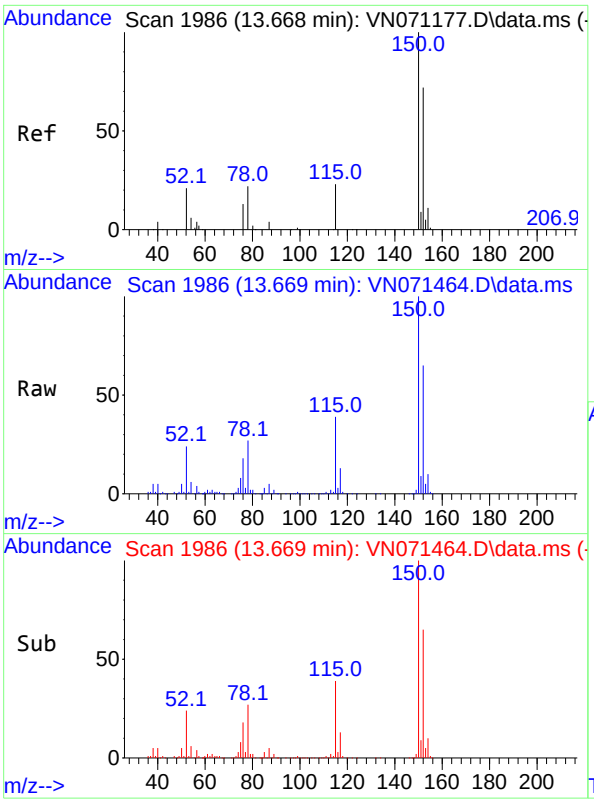


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Tgt Ion:117 Resp: 1217351

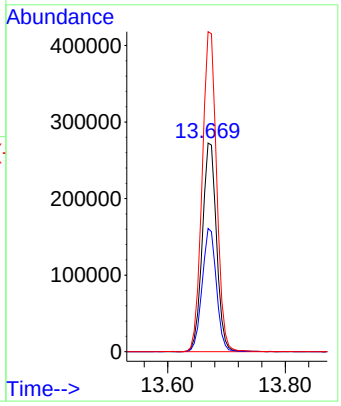
Ion	Ratio	Lower	Upper
117	100		
82	59.0	42.4	63.6
119	32.9	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN071464.D
Acq: 22 Mar 2022 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#02

Tgt Ion:152 Resp: 455823

Ion	Ratio	Lower	Upper
152	100		
115	59.3	27.5	82.5
150	156.7	0.0	344.4