Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
Data File : VN071426.D
Acq On : 21 Mar 2022 18:29
Operator : JC\MD
Sample : PB143474TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Quant Time: Mar 22 06:20:57 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	740081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1246208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1203293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	462147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	487876	48.099	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.200%			
35) Dibromofluoromethane	8.016	113	362747	46.127	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.260%			
50) Toluene-d8	10.439	98	1571449	49.631	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.727	95	602372	56.182	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.360%			
Target Compounds						Qvalue
16) Acetone	4.293	43	40945	8.296	ug/l	94
18) Methyl Acetate	4.857	43	16061	1.670	ug/l	94
20) Methylene Chloride	5.098	84	11109	1.604	ug/l	95
43) Isopropyl Acetate	8.557	43	100475	3.875	ug/l #	86
95) Naphthalene	15.504	128	36087	6.598	ug/l	97

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

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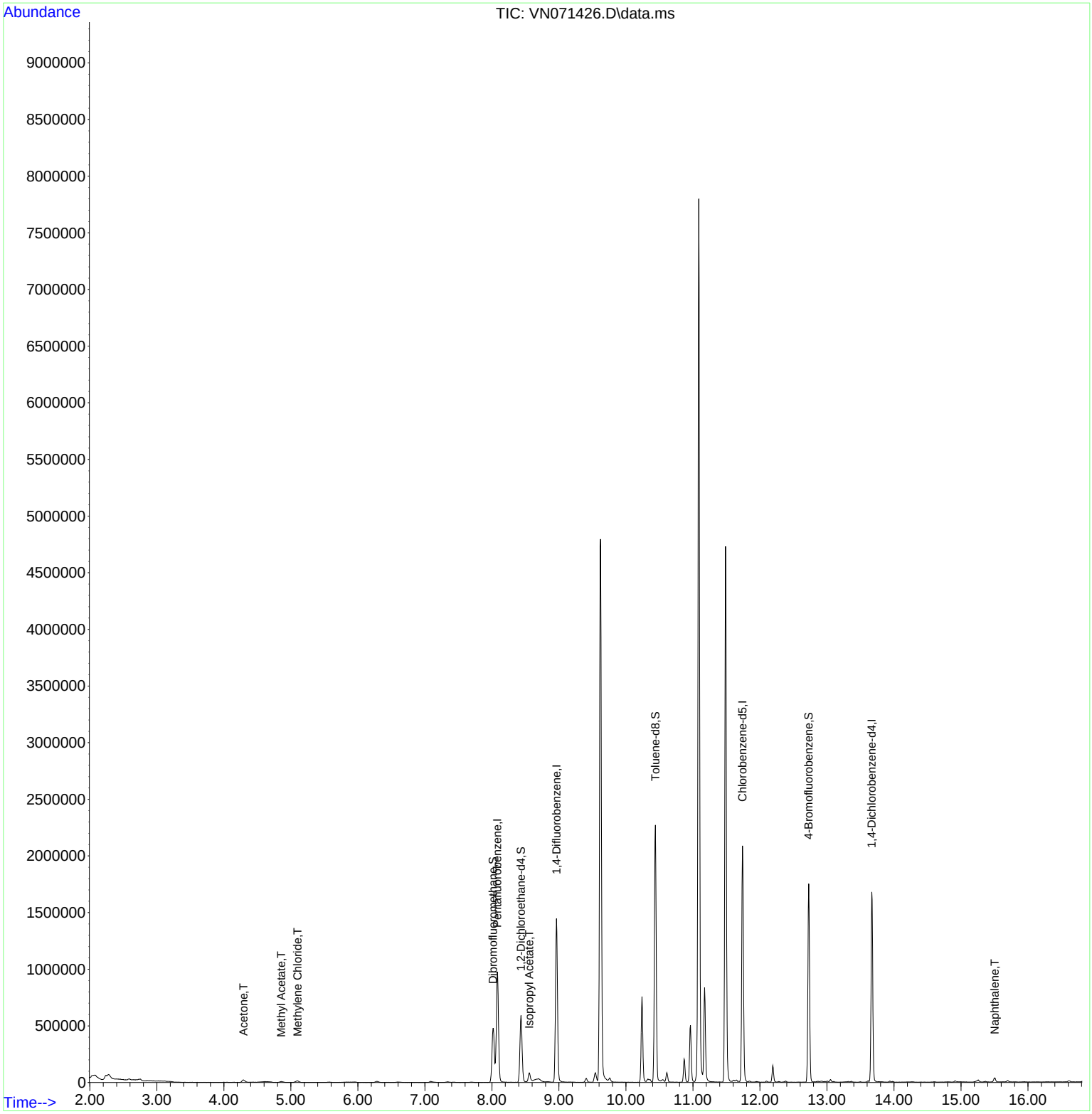
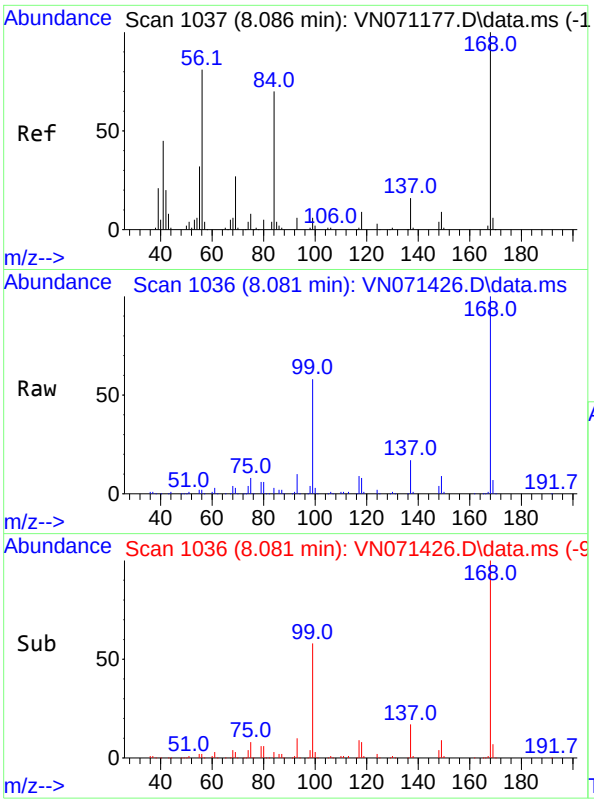


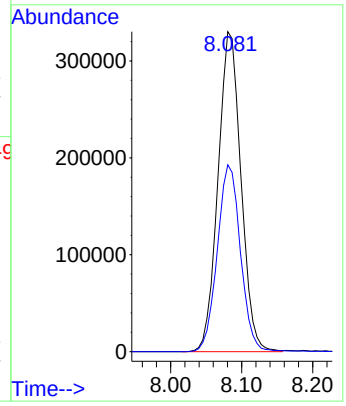


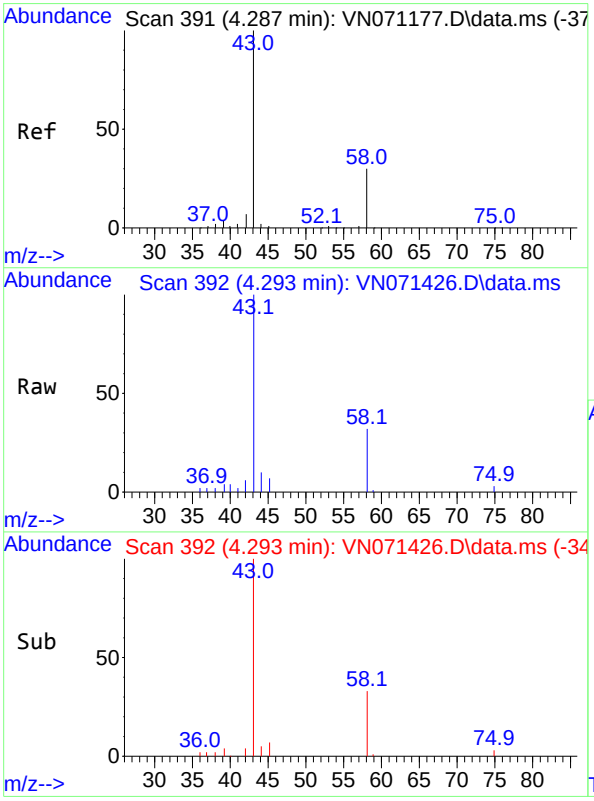
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Tgt Ion:168 Resp: 740081

Ion	Ratio	Lower	Upper
168	100		
99	58.4	41.3	61.9

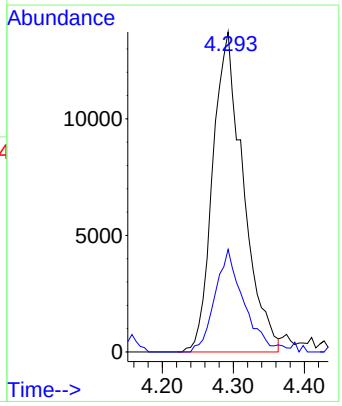


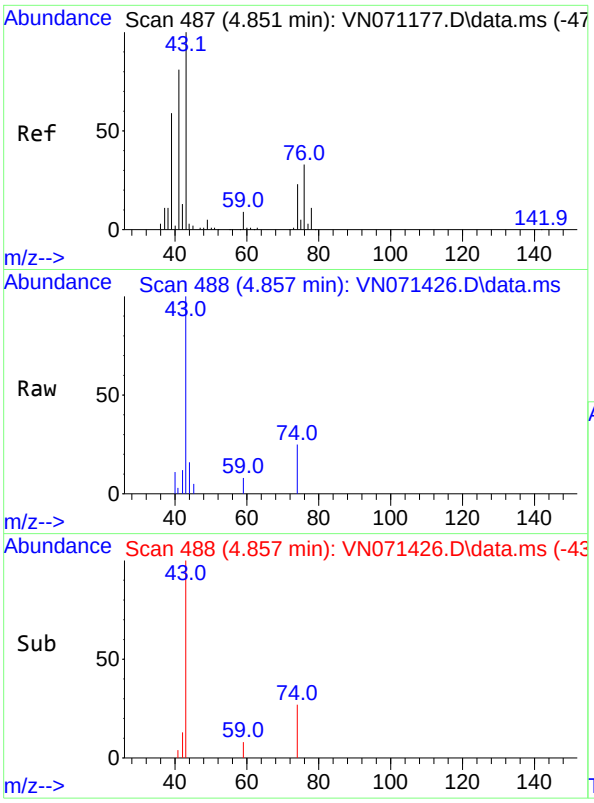


#16
Acetone
Concen: 8.296 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 43 Resp: 40945

Ion	Ratio	Lower	Upper
43	100		
58	32.1	23.1	34.7



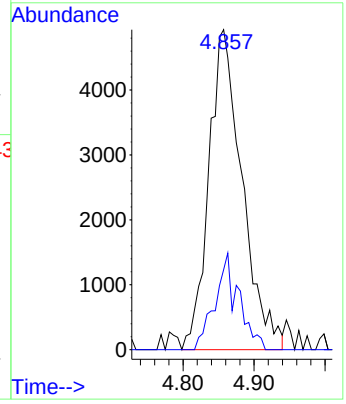


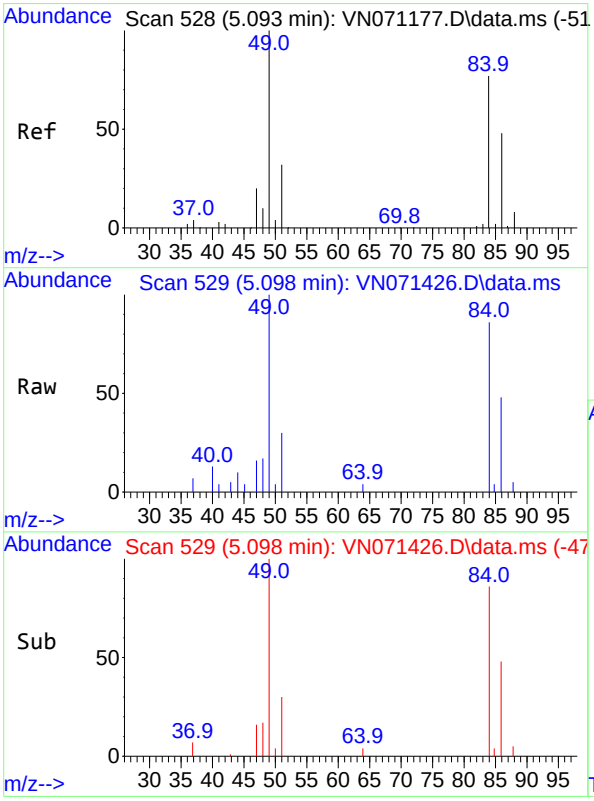
#18
Methyl Acetate
Concen: 1.670 ug/l
RT: 4.857 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Tgt Ion: 43 Resp: 16061

Ion	Ratio	Lower	Upper
43	100		
74	21.5	19.4	29.2

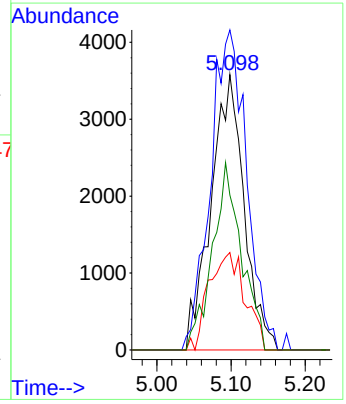


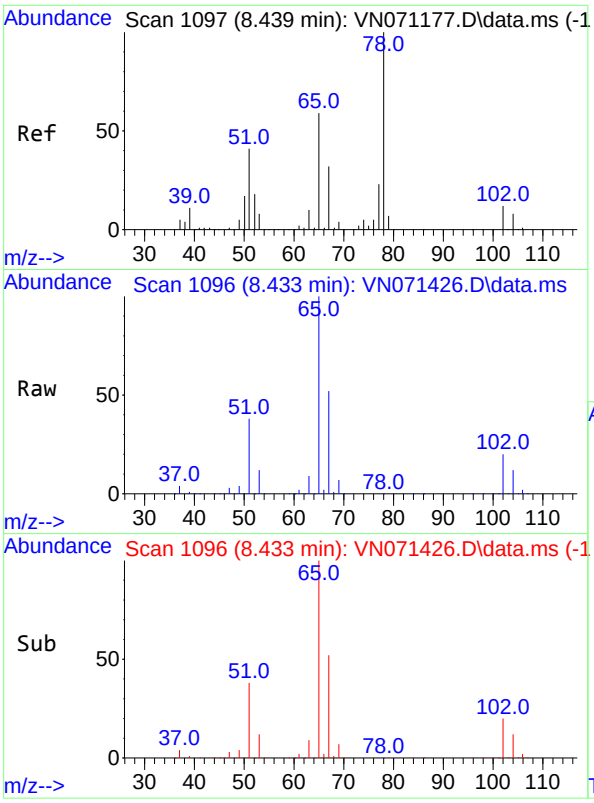


#20
Methylene Chloride
Concen: 1.604 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 84 Resp: 11109

Ion	Ratio	Lower	Upper
84	100		
49	116.2	93.5	140.3
51	35.4	29.4	44.2
86	56.2	53.0	79.4



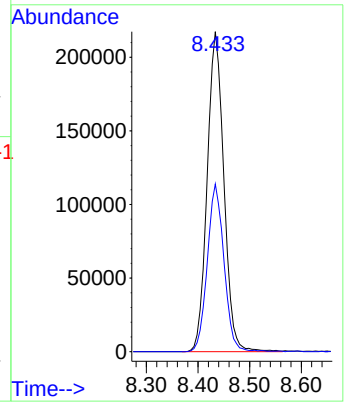


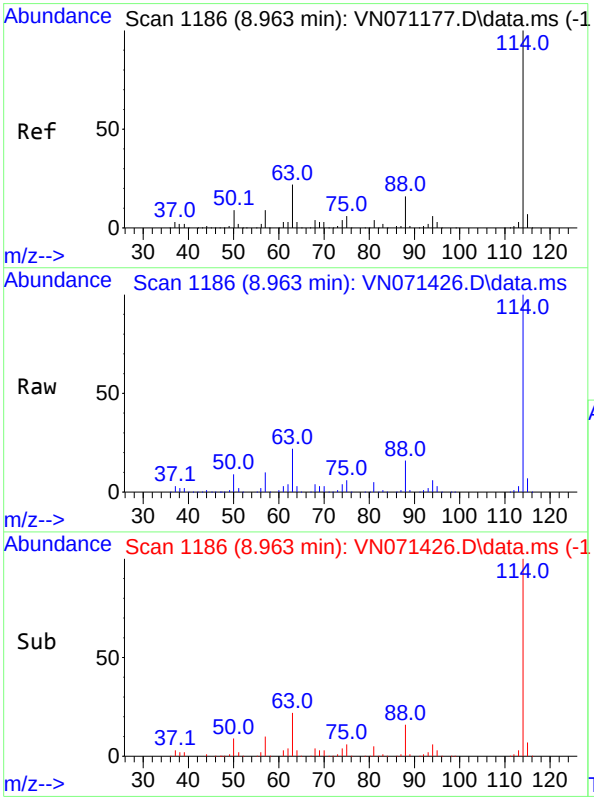
#33
1,2-Dichloroethane-d4
Concen: 48.099 ug/l
RT: 8.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Tgt Ion: 65 Resp: 487876

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

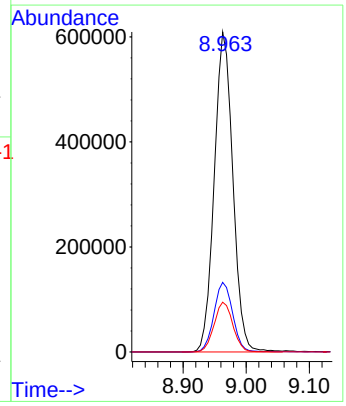


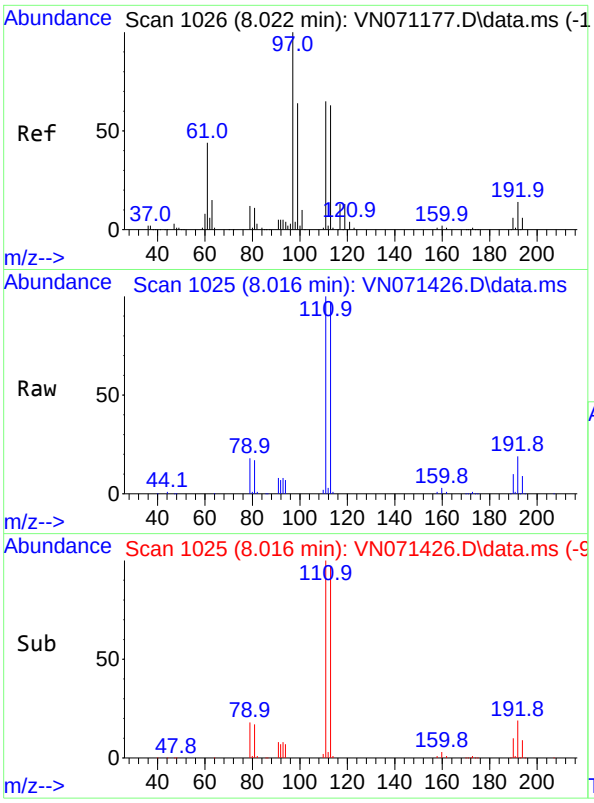


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Tgt Ion:114 Resp: 1246208

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	37.8
88	15.6	0.0	27.4



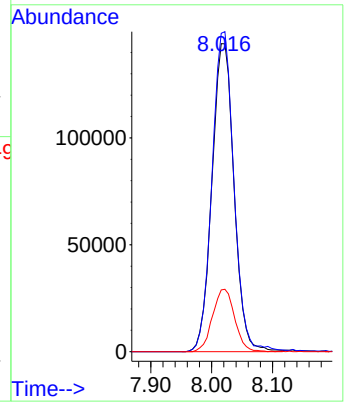


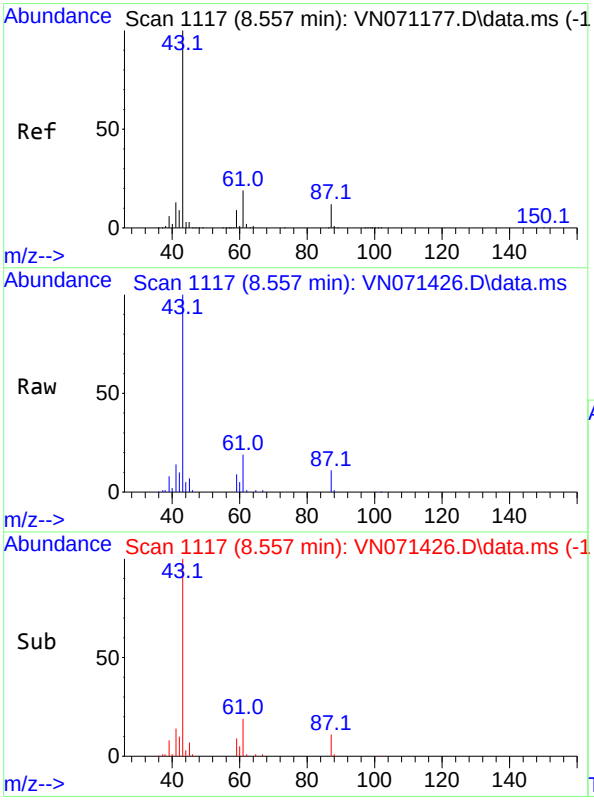
#35
Dibromofluoromethane
Concen: 46.127 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Tgt Ion:113 Resp: 362747

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	20.3	16.9	25.3

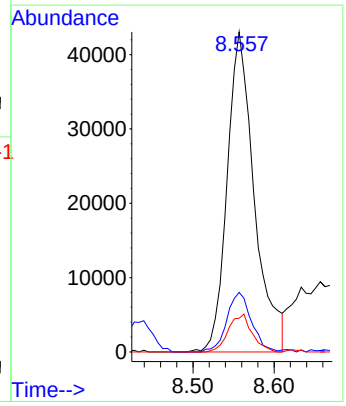


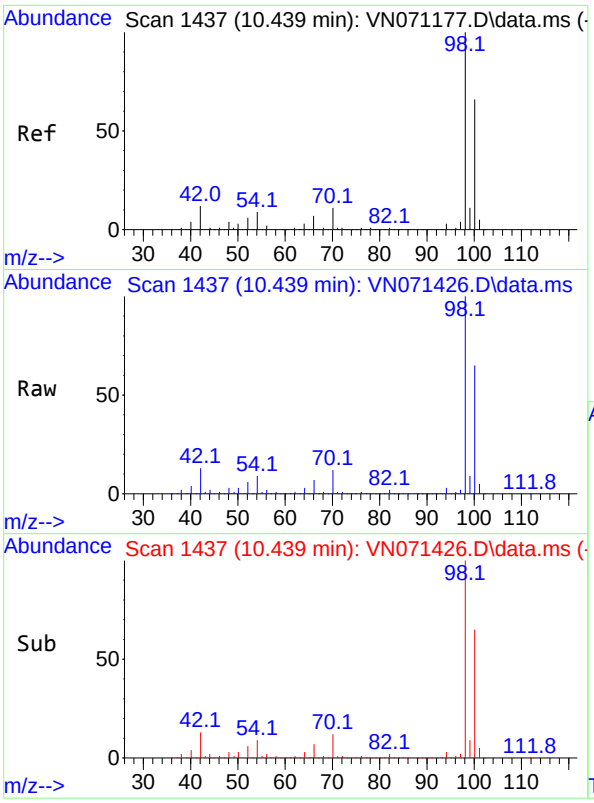


#43
Isopropyl Acetate
Concen: 3.875 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 43 Resp: 100475

Ion	Ratio	Lower	Upper
43	100		
61	16.8	20.4	30.6#
87	10.2	11.2	16.8#



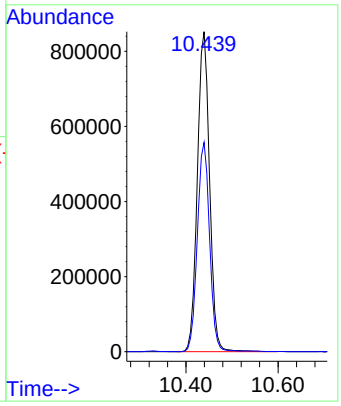


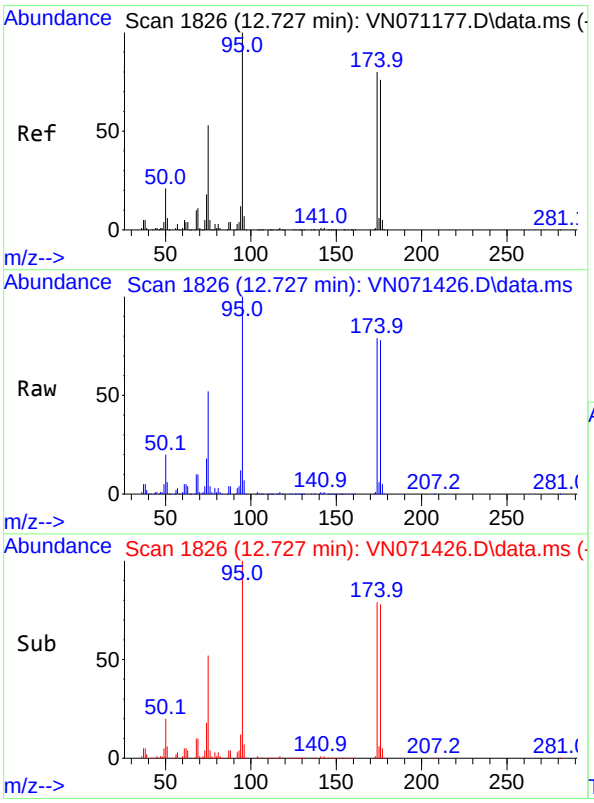
#50
Toluene-d8
Concen: 49.631 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Tgt Ion: 98 Resp: 1571449

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.4	75.6

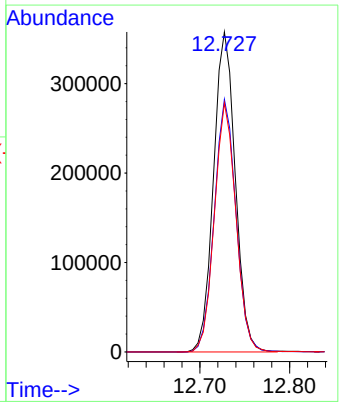


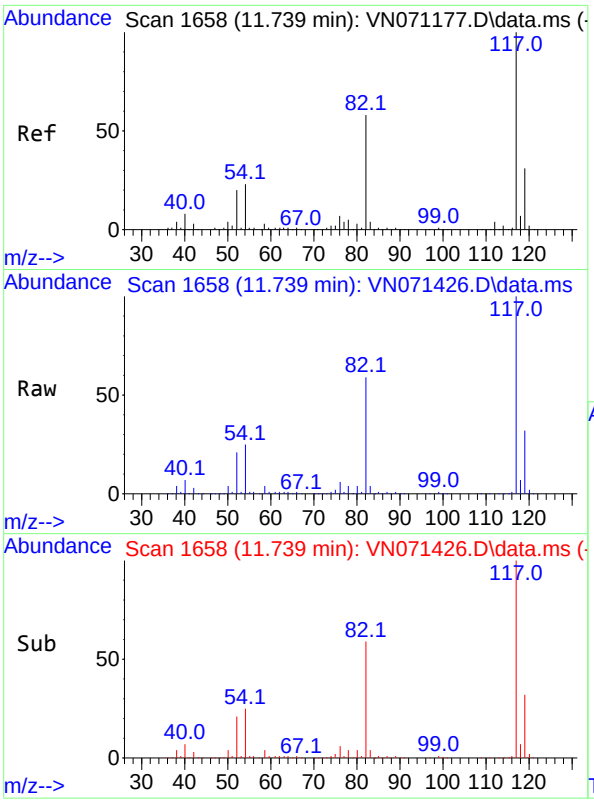


#62
4-Bromofluorobenzene
Concen: 56.182 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 95 Resp: 602372

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	187.2
176	77.2	0.0	181.4



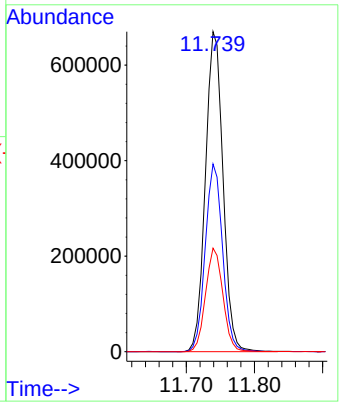


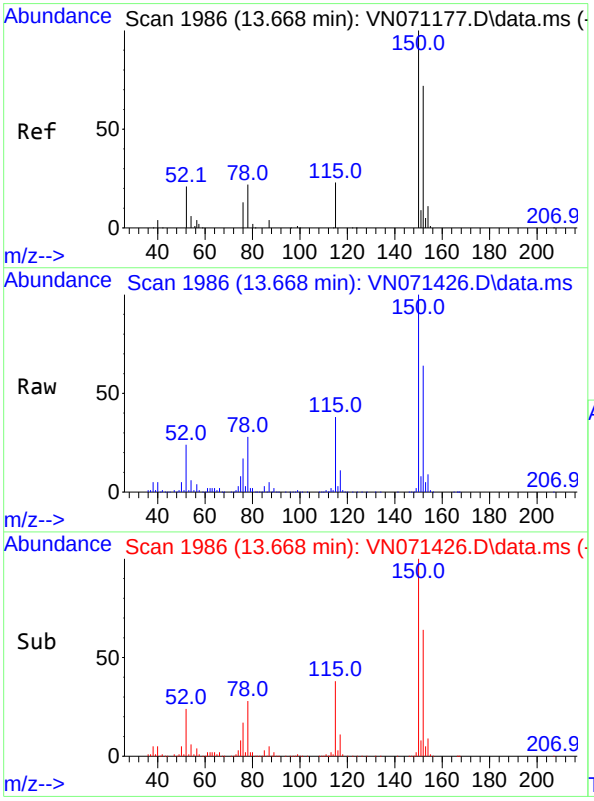
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Tgt Ion:117 Resp: 1203293

Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	32.4	25.4	38.2

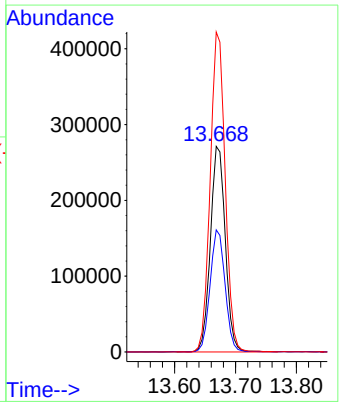


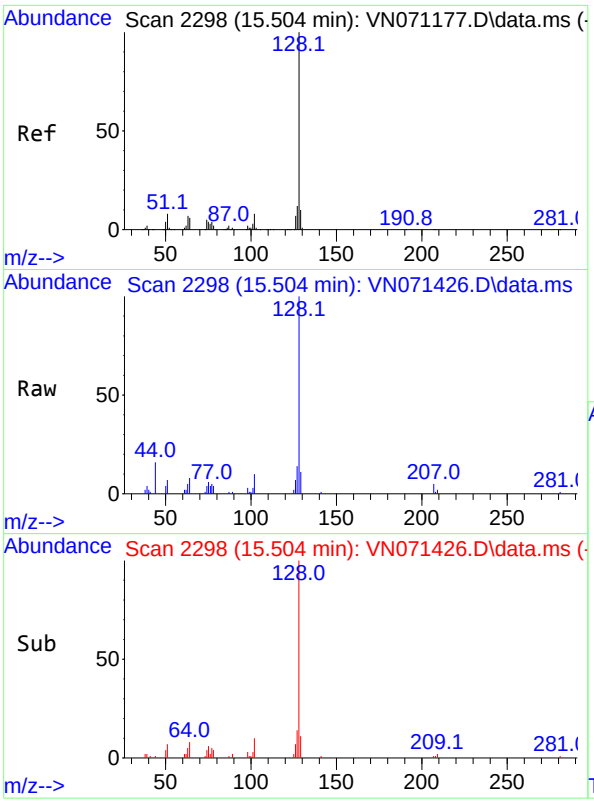


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Tgt Ion:152 Resp: 462147

Ion	Ratio	Lower	Upper
152	100		
115	59.5	27.5	82.5
150	155.8	0.0	344.4





#95
Naphthalene
Concen: 6.598 ug/l
RT: 15.504 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN071426.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
PB143474TB

Tgt Ion:128 Resp: 36087

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.5	15.7
129	12.3	8.7	13.1