Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
Data File : VN071496.D
Acq On : 23 Mar 2022 04:37
Operator : JC\MD
Sample : N1972-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Quant Time: Mar 23 07:16:14 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	802603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1387024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1322459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	498209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	535142	48.649	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.300%			
35) Dibromofluoromethane	8.016	113	404699	46.238	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.480%			
50) Toluene-d8	10.439	98	1734949	49.232	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.727	95	638177	53.478	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.960%			
Target Compounds						Qvalue
16) Acetone	4.287	43	36869	6.889	ug/l	95
18) Methyl Acetate	4.863	43	16035	1.575	ug/l	96
20) Methylene Chloride	5.093	84	12736	1.674	ug/l #	86
43) Isopropyl Acetate	8.557	43	86854	3.009	ug/l #	80
95) Naphthalene	15.504	128	514665	25.318	ug/l	100

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

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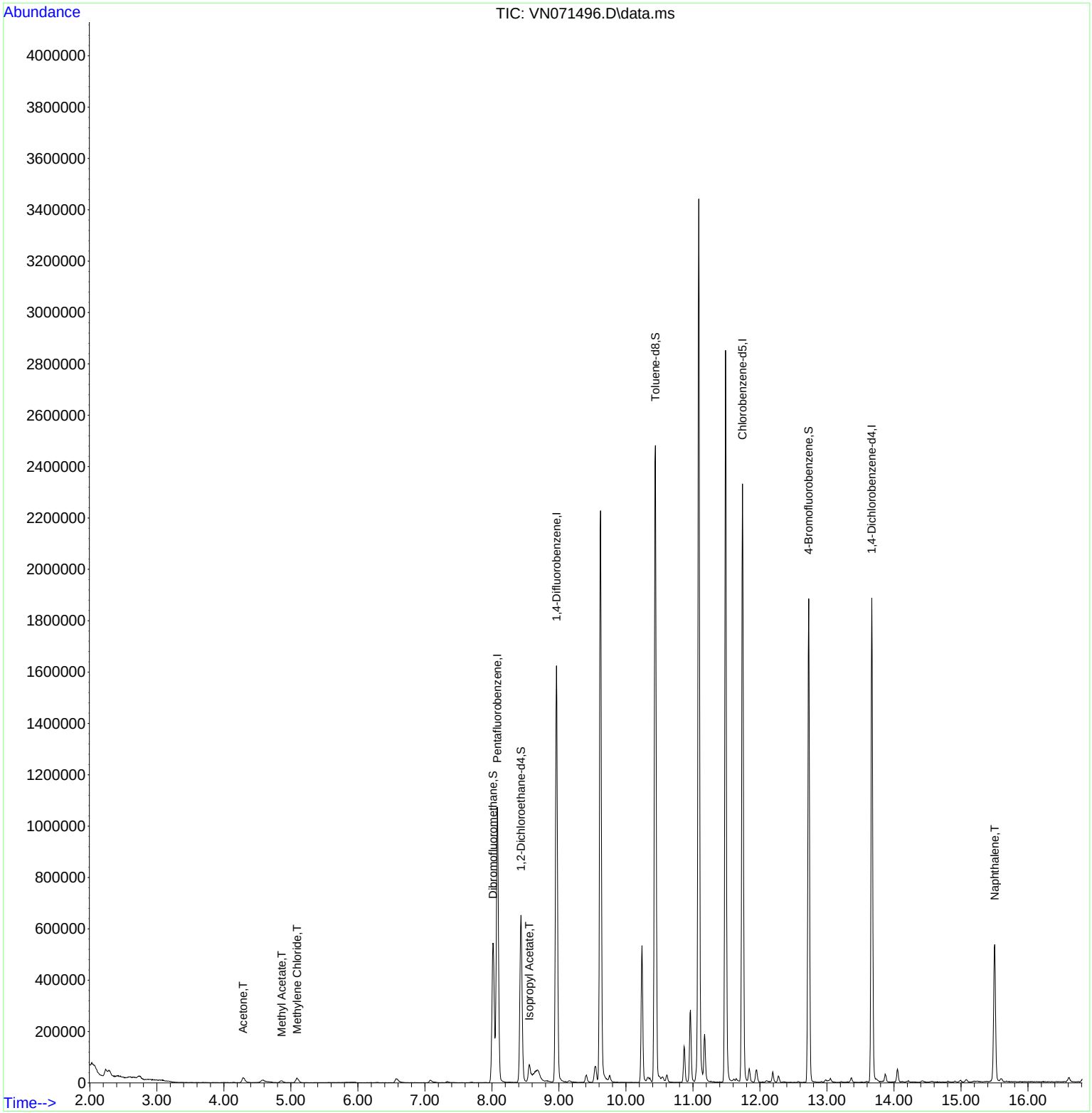
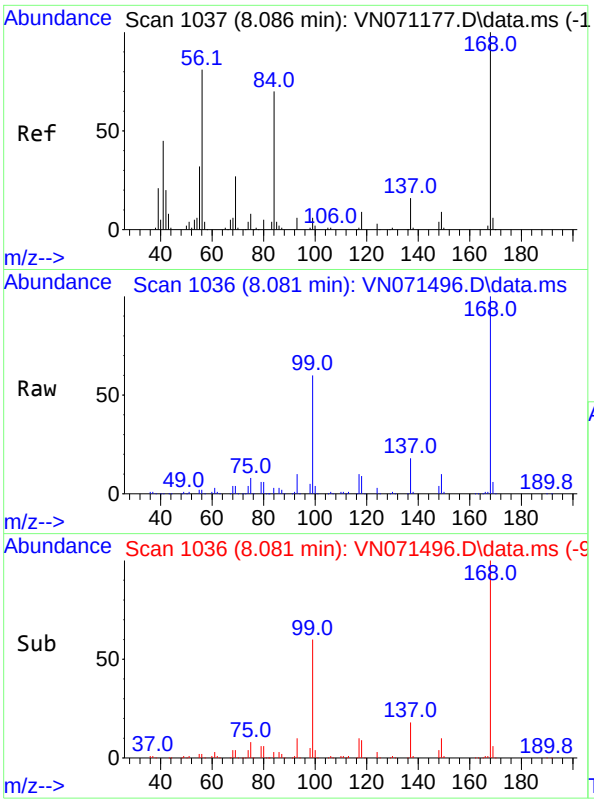


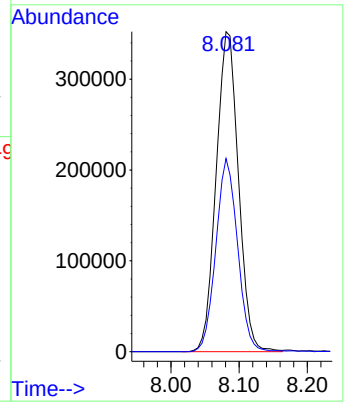


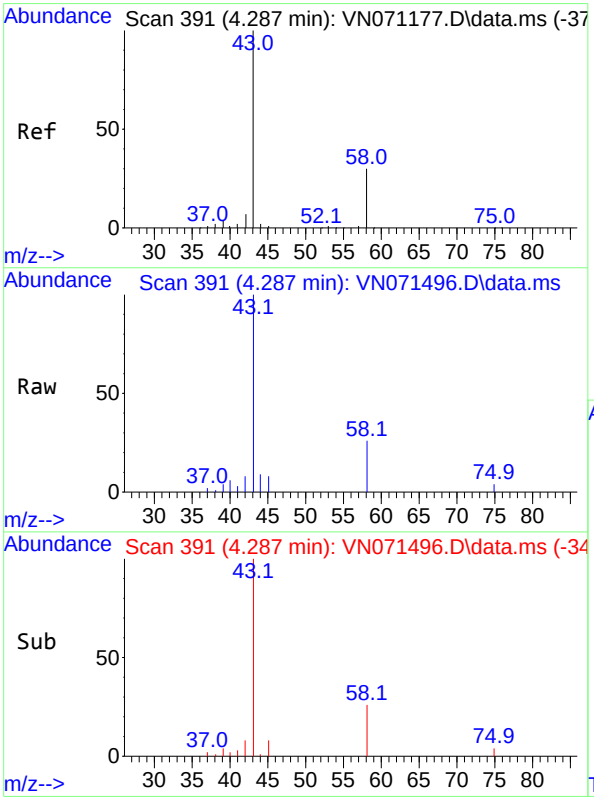
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Tgt Ion:168 Resp: 802603

Ion	Ratio	Lower	Upper
168	100		
99	60.4	41.3	61.9

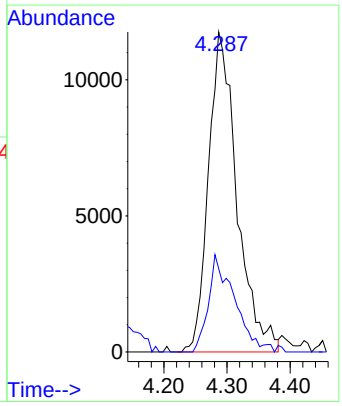


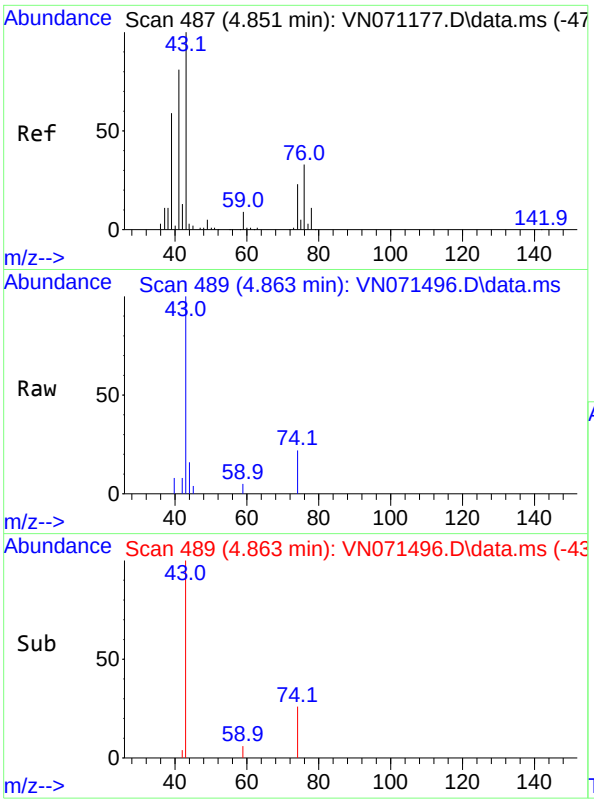


#16
Acetone
Concen: 6.889 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Tgt Ion: 43 Resp: 36869

Ion	Ratio	Lower	Upper
43	100		
58	26.1	23.1	34.7



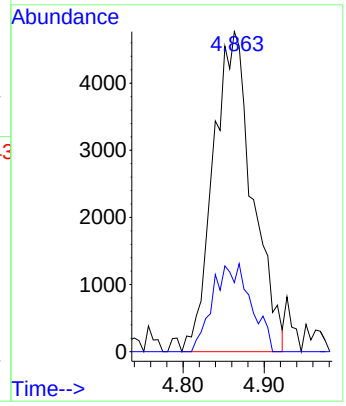


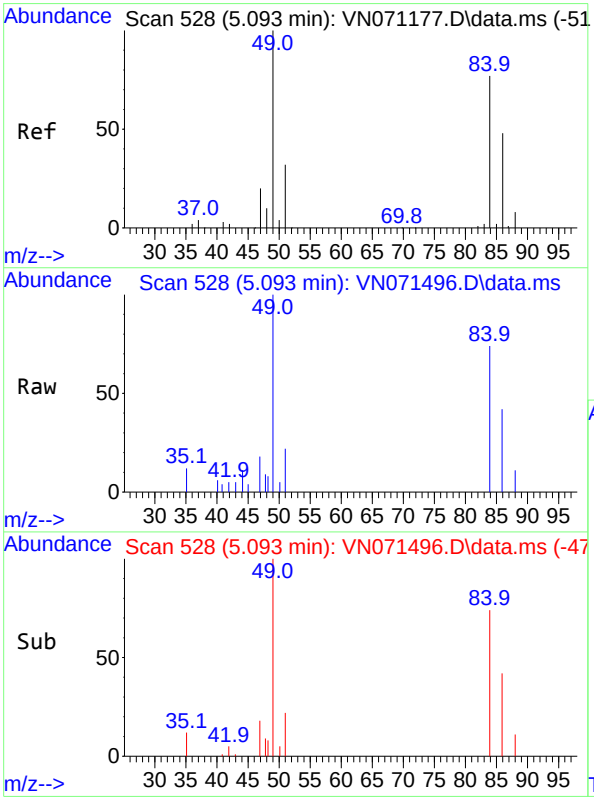
#18
Methyl Acetate
Concen: 1.575 ug/l
RT: 4.863 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Tgt Ion: 43 Resp: 16035

Ion	Ratio	Lower	Upper
43	100		
74	26.5	19.4	29.2

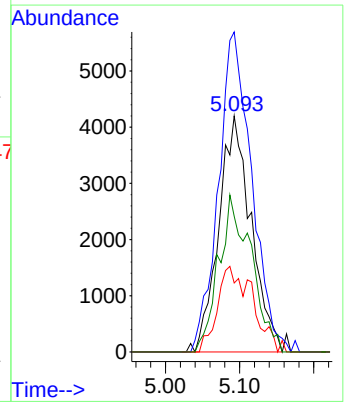


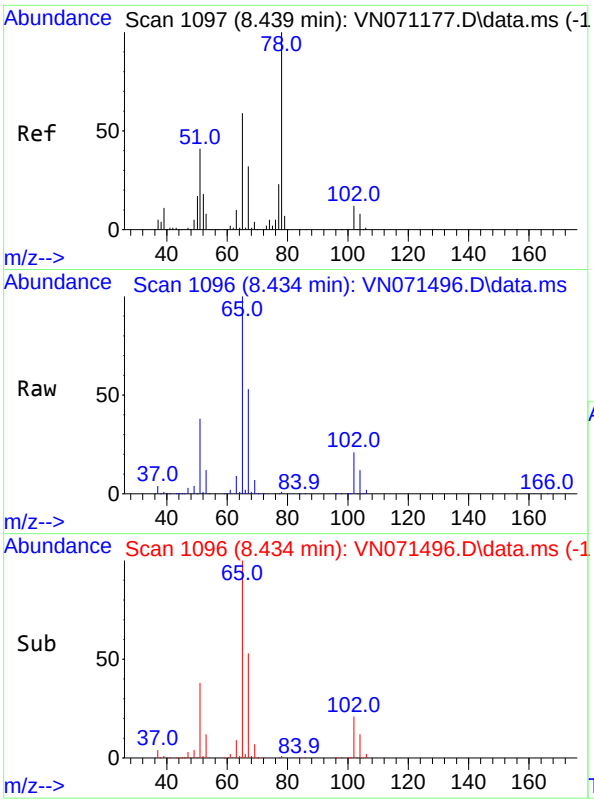


#20
Methylene Chloride
Concen: 1.674 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Tgt Ion: 84 Resp: 12736

Ion	Ratio	Lower	Upper
84	100		
49	135.6	93.5	140.3
51	29.2	29.4	44.2#
86	57.5	53.0	79.4



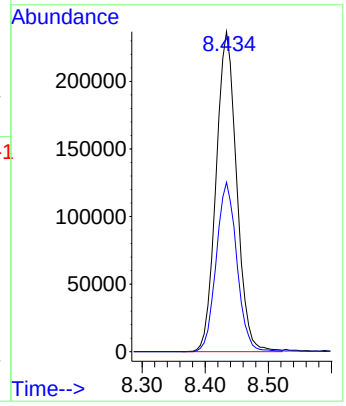


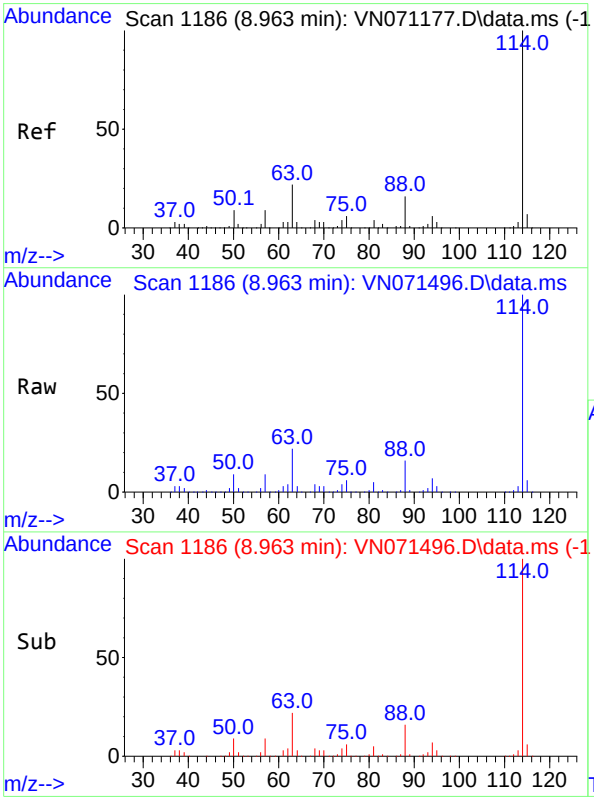
#33
1,2-Dichloroethane-d4
Concen: 48.649 ug/l
RT: 8.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Tgt Ion: 65 Resp: 535142

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	103.0

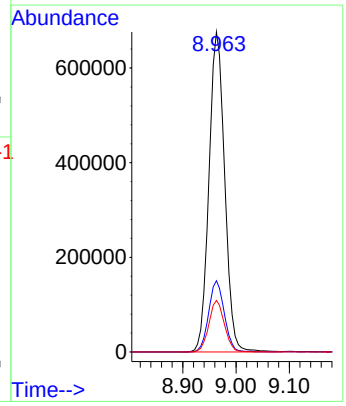


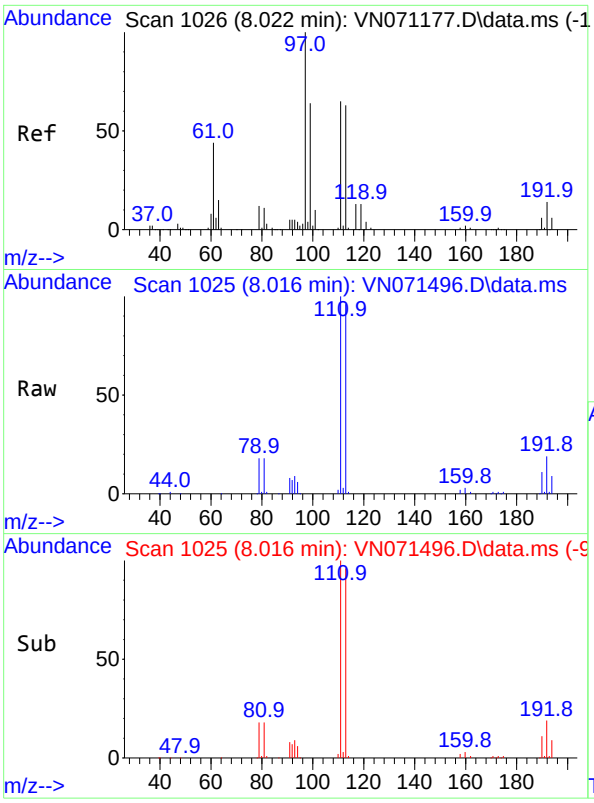


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Tgt Ion:114 Resp: 1387024

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	37.8
88	16.1	0.0	27.4



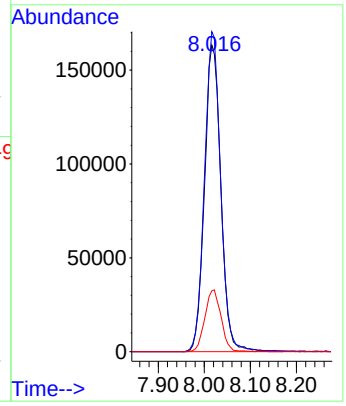


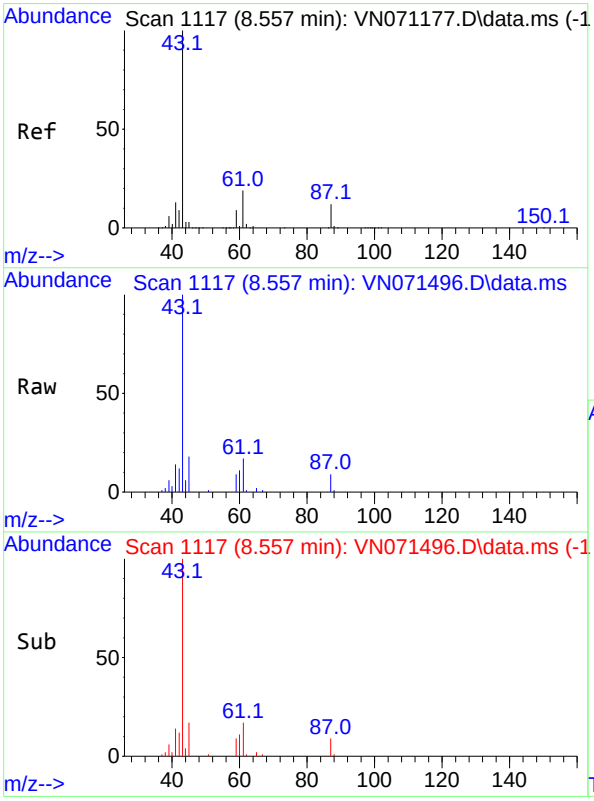
#35
Dibromofluoromethane
Concen: 46.238 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Tgt Ion:113 Resp: 404699

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	19.9	16.9	25.3

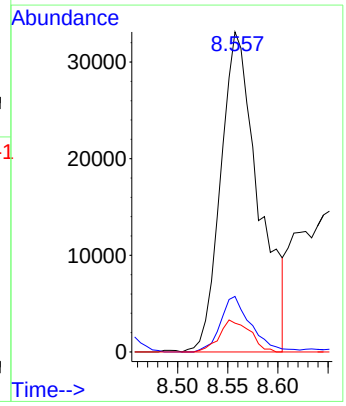


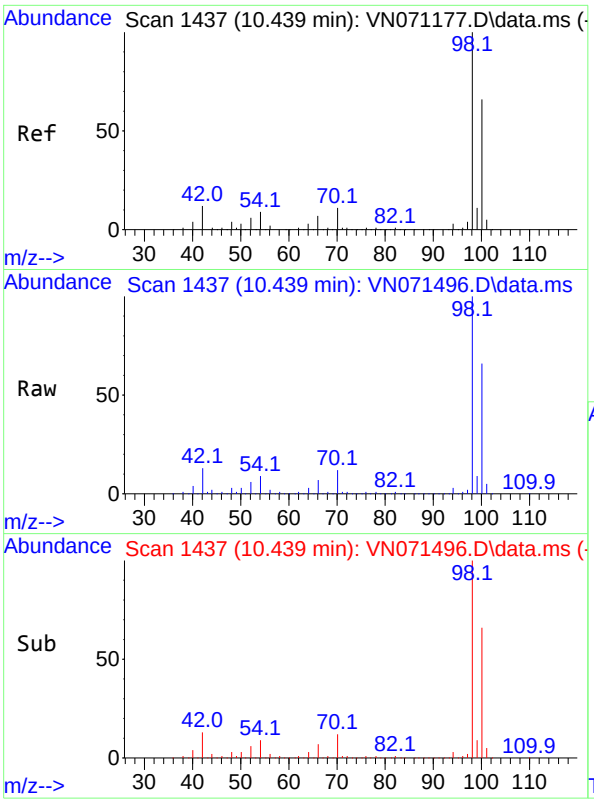


#43
Isopropyl Acetate
Concen: 3.009 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Tgt Ion: 43 Resp: 86854

Ion	Ratio	Lower	Upper
43	100		
61	14.1	20.4	30.6#
87	8.1	11.2	16.8#



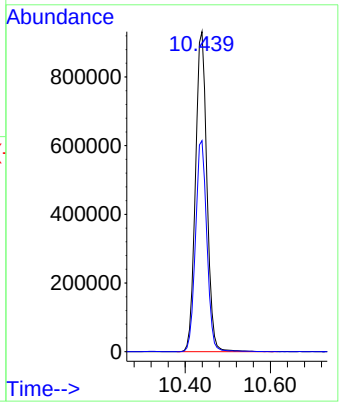


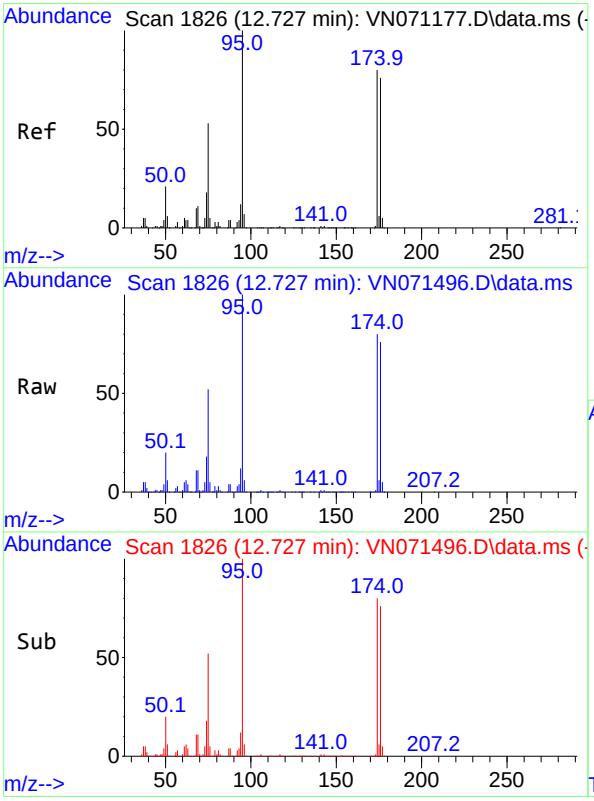
#50
Toluene-d8
Concen: 49.232 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Tgt Ion: 98 Resp: 1734949

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.4	75.6

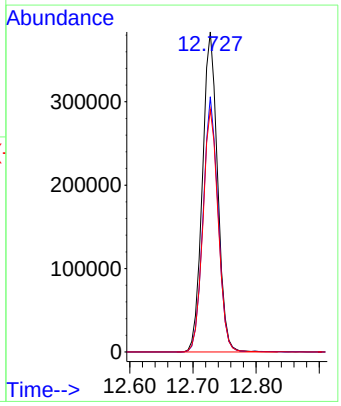


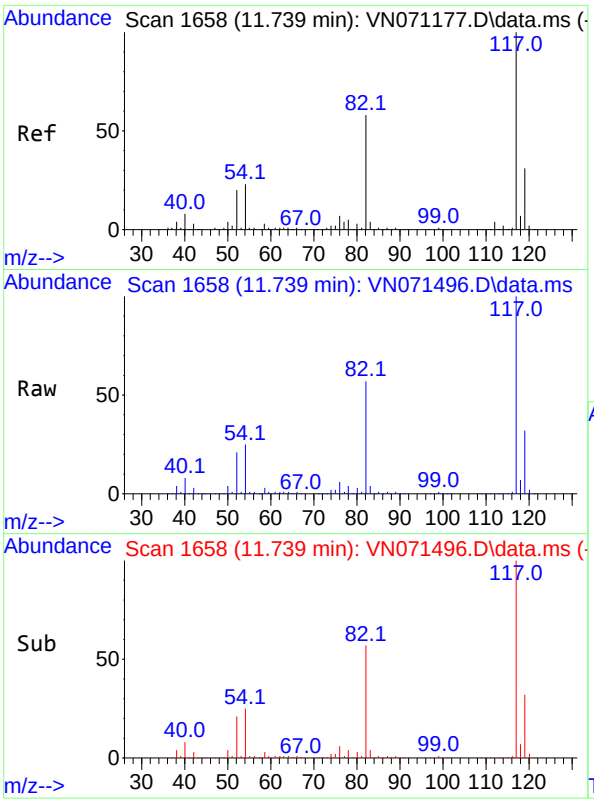


#62
4-Bromofluorobenzene
Concen: 53.478 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Tgt Ion: 95 Resp: 638177

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	187.2
176	76.3	0.0	181.4



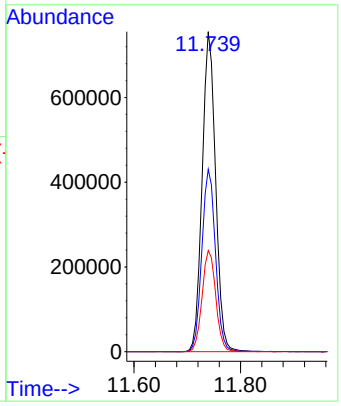


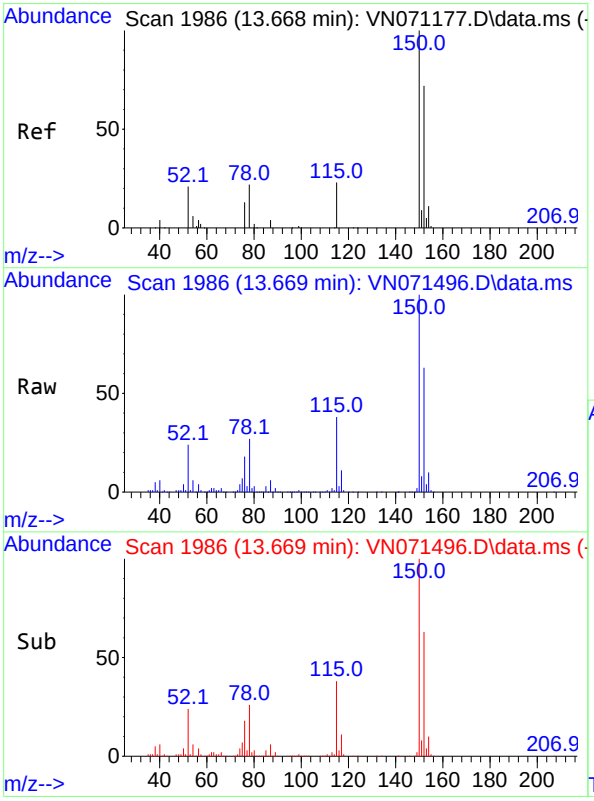
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Tgt Ion:117 Resp: 1322459

Ion	Ratio	Lower	Upper
117	100		
82	57.0	42.4	63.6
119	31.6	25.4	38.2

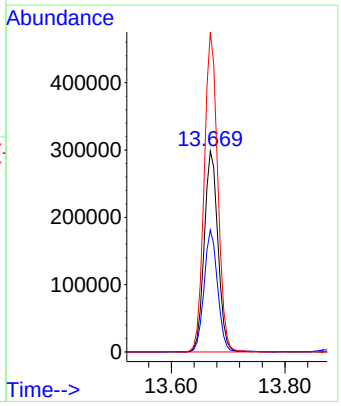


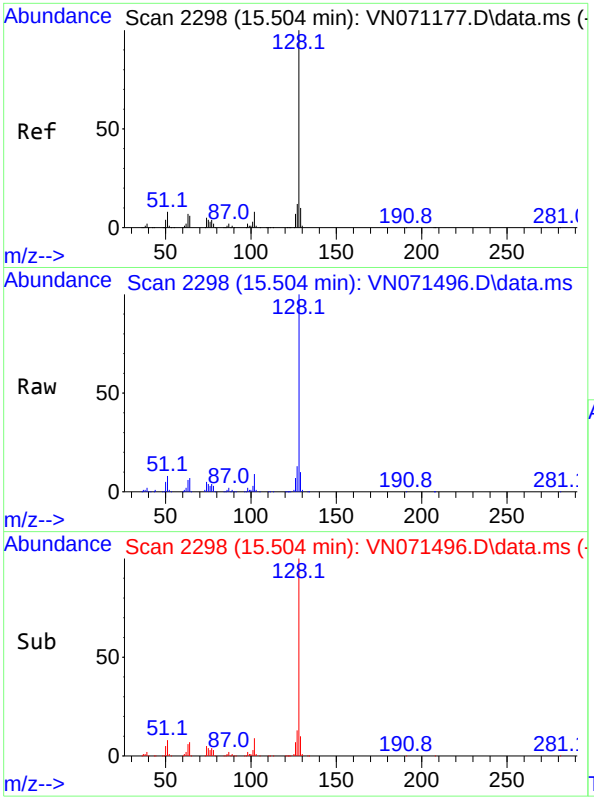


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Tgt Ion:152 Resp: 498209

Ion	Ratio	Lower	Upper
152	100		
115	59.8	27.5	82.5
150	157.1	0.0	344.4





#95
Naphthalene
Concen: 25.318 ug/l
RT: 15.504 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN071496.D
Acq: 23 Mar 2022 04:37

Instrument :
MSVOA_N
ClientSampleId :
G-5-2-1-2

Tgt Ion:128 Resp: 514665

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.7	13.1