Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
Data File : VN071409.D
Acq On : 19 Mar 2022 19:44
Operator : JC\MD
Sample : N1962-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Quant Time: Mar 21 05:54:55 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	8.086	168	696084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1183496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1143137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	402999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	468022	49.058	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.120%			
35) Dibromofluoromethane	8.022	113	346680	46.420	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.840%			
50) Toluene-d8	10.439	98	1507818	50.144	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.727	95	548078	53.827	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.660%			
Target Compounds						Qvalue
16) Acetone	4.287	43	76181	16.412	ug/l	96
18) Methyl Acetate	4.863	43	18183	1.915	ug/l	92
20) Methylene Chloride	5.098	84	11712	1.752	ug/l #	79
43) Isopropyl Acetate	8.563	43	106362	4.319	ug/l #	81
95) Naphthalene	15.504	128	74769	8.705	ug/l	98

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

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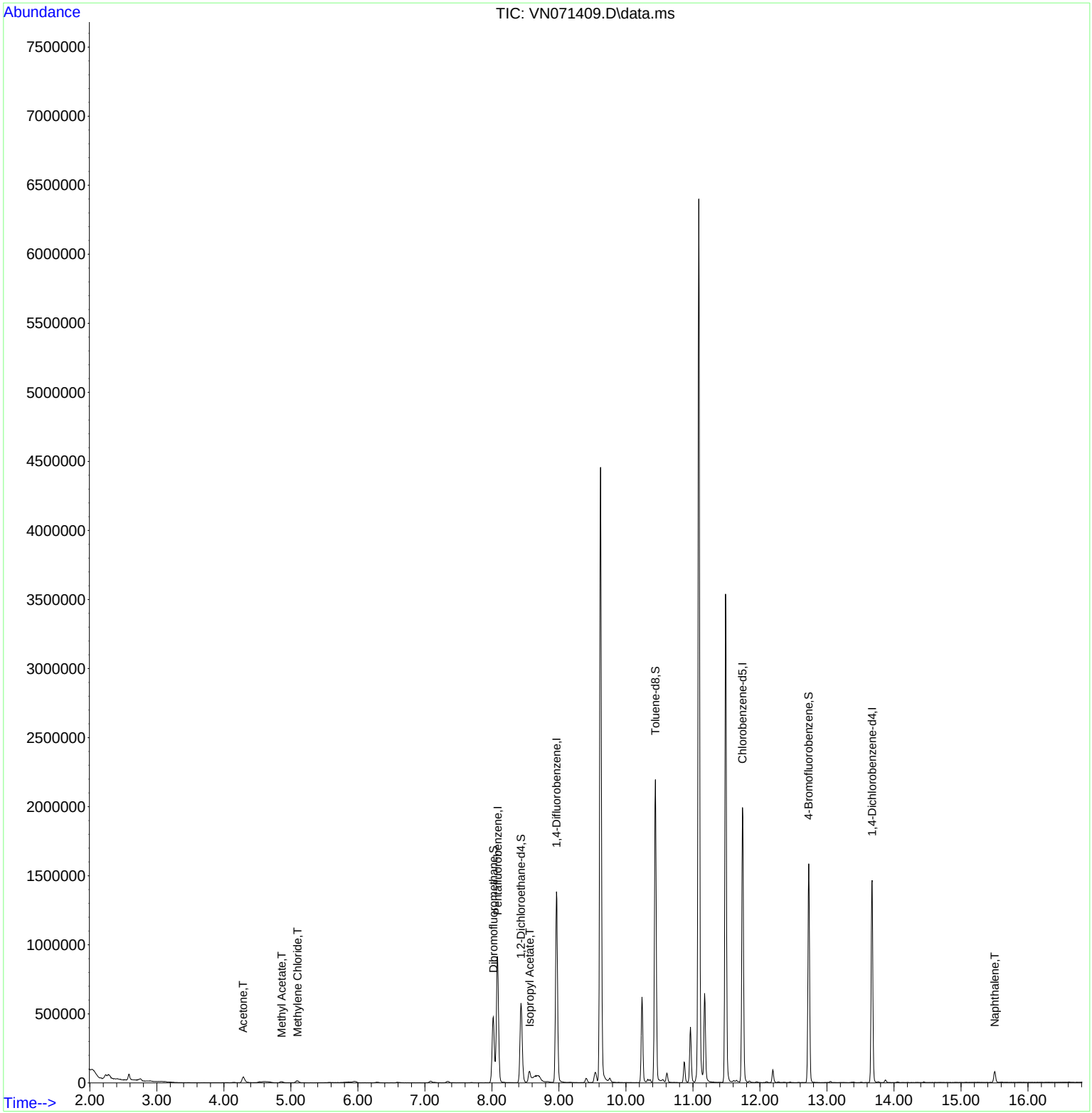
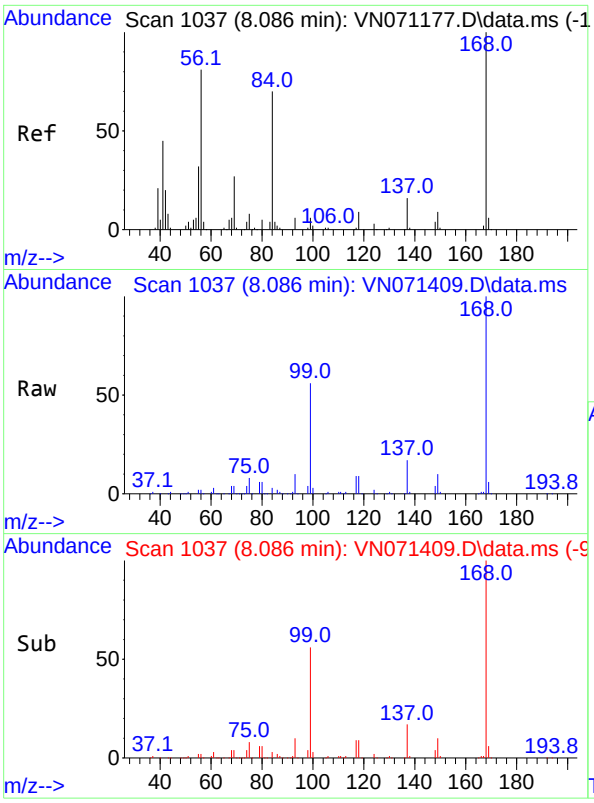


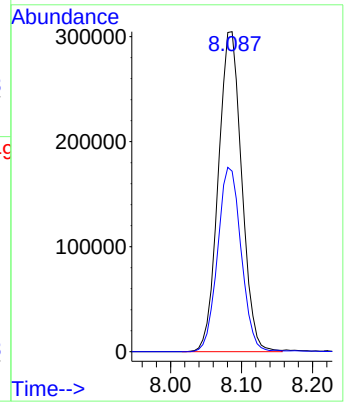


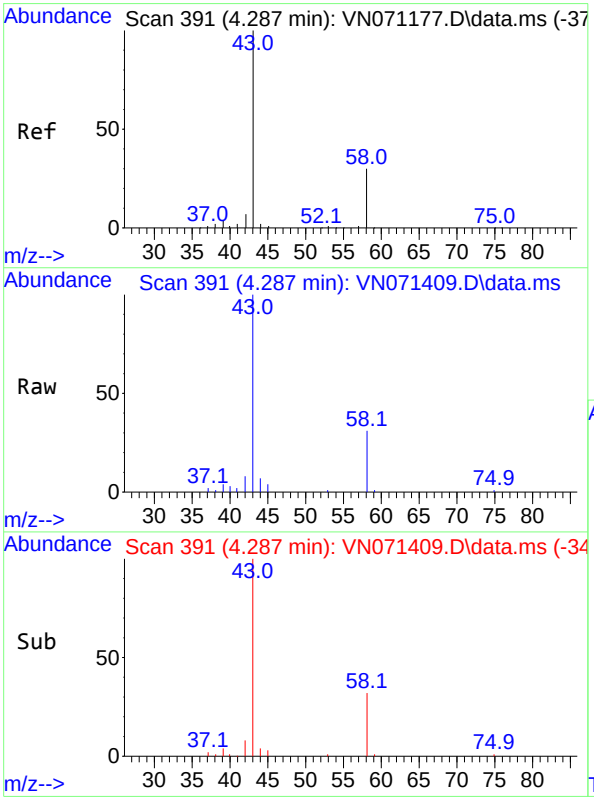
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Tgt Ion:168 Resp: 696084

Ion	Ratio	Lower	Upper
168	100		
99	56.4	41.3	61.9

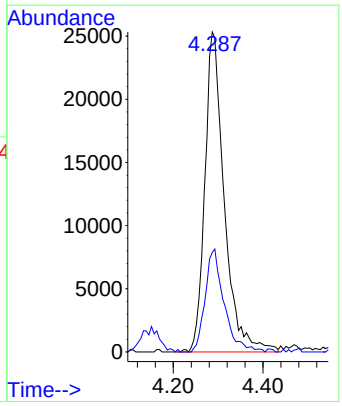


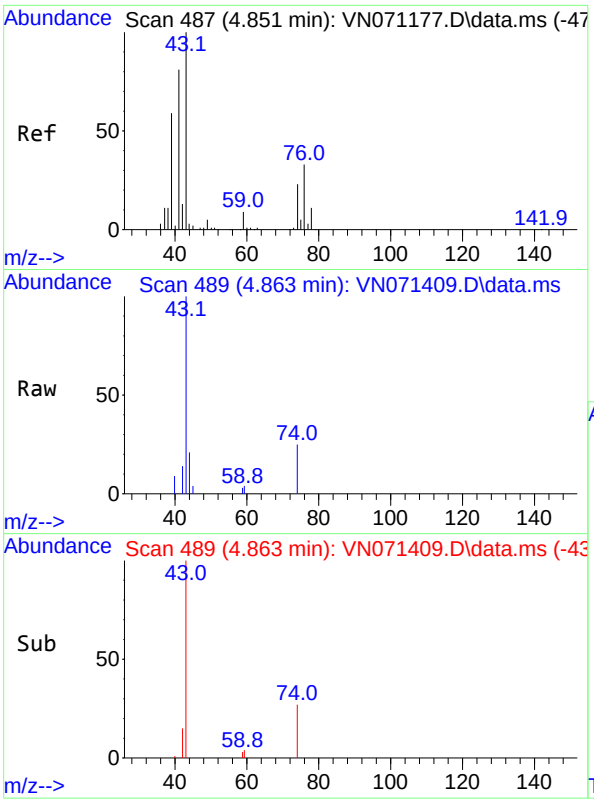


#16
Acetone
Concen: 16.412 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Tgt Ion: 43 Resp: 76181

Ion	Ratio	Lower	Upper
43	100		
58	31.2	23.1	34.7



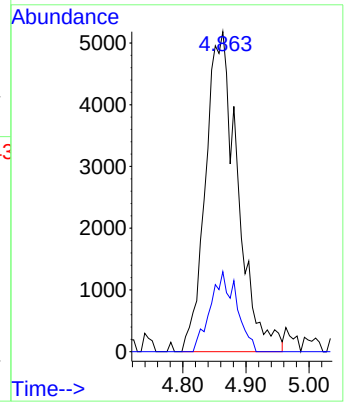


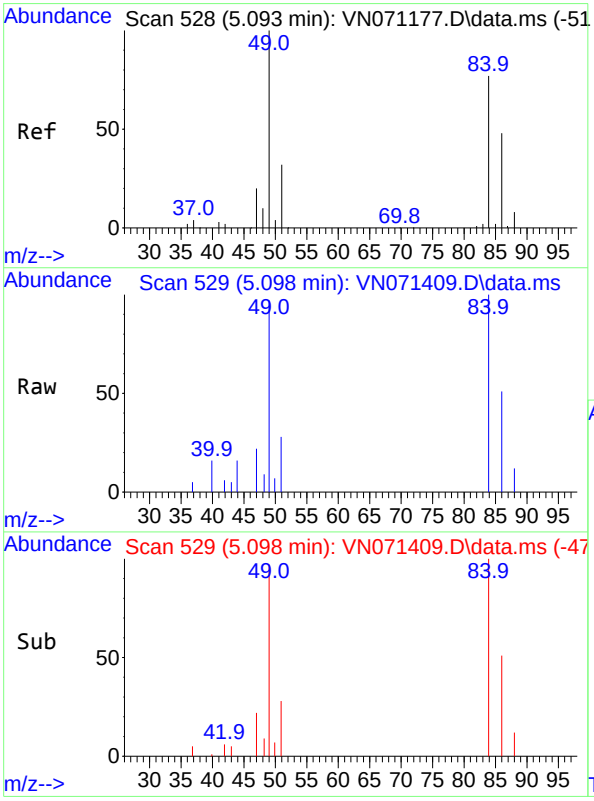
#18
Methyl Acetate
Concen: 1.915 ug/l
RT: 4.863 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Tgt Ion: 43 Resp: 18183

Ion	Ratio	Lower	Upper
43	100		
74	20.5	19.4	29.2

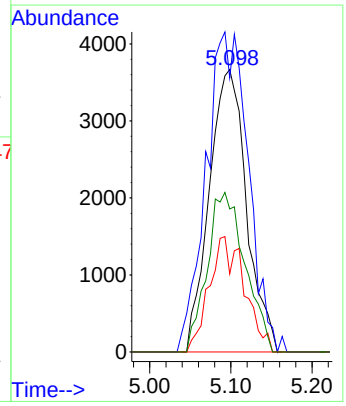


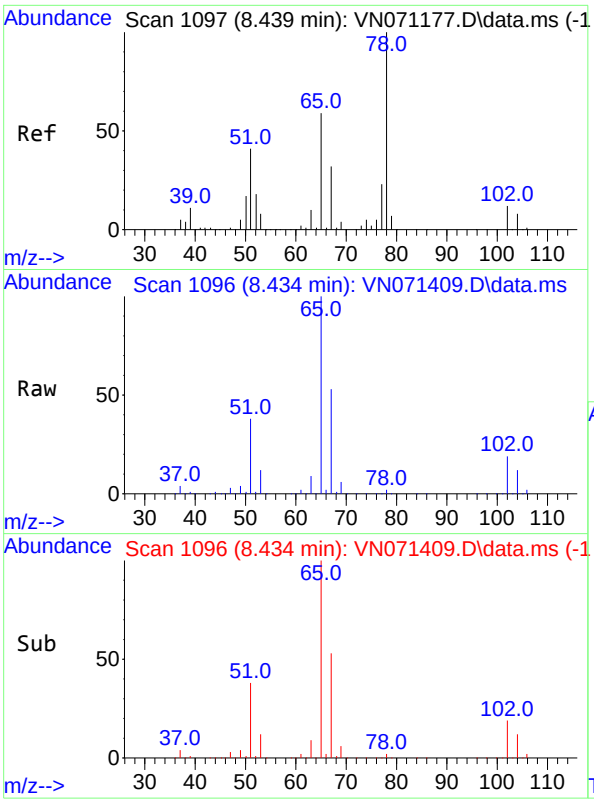


#20
Methylene Chloride
Concen: 1.752 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Tgt Ion: 84 Resp: 11712

Ion	Ratio	Lower	Upper
84	100		
49	91.5	93.5	140.3#
51	27.6	29.4	44.2#
86	50.6	53.0	79.4#



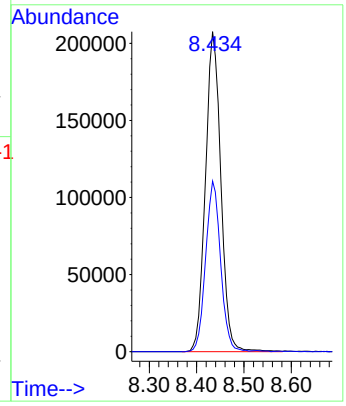


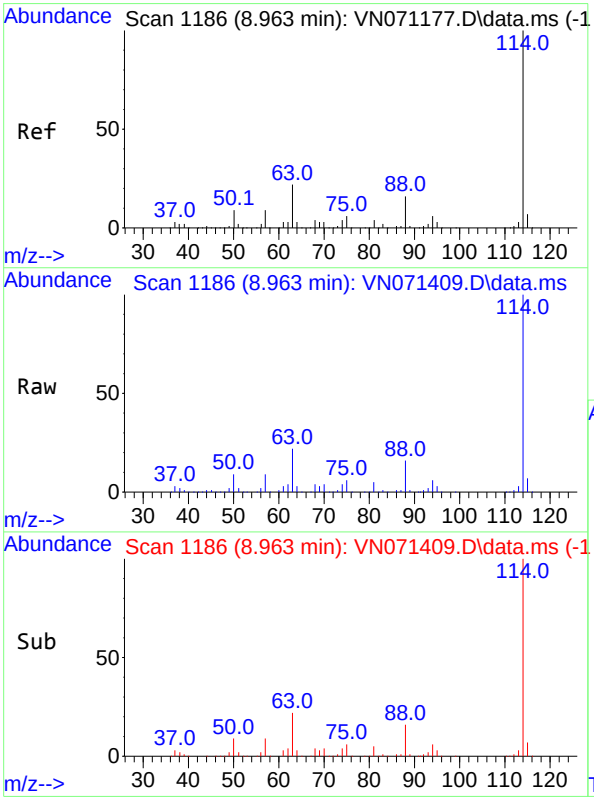
#33
1,2-Dichloroethane-d4
Concen: 49.058 ug/l
RT: 8.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Tgt Ion: 65 Resp: 468022

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0

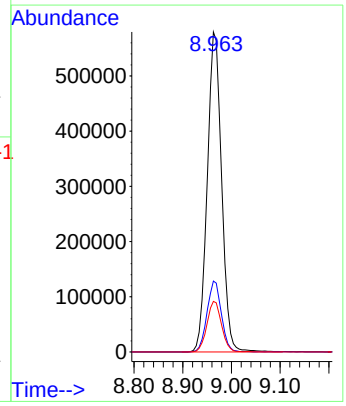


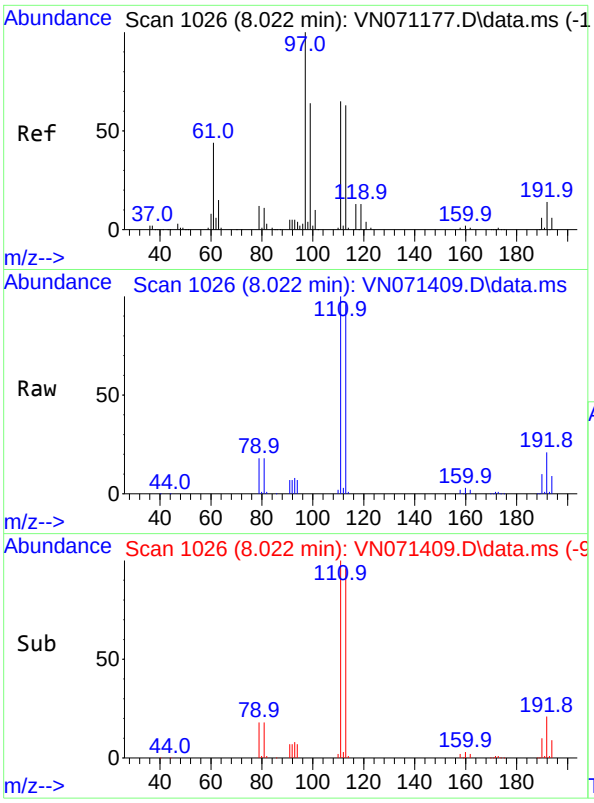


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Tgt Ion:114 Resp: 1183496

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	37.8
88	15.8	0.0	27.4



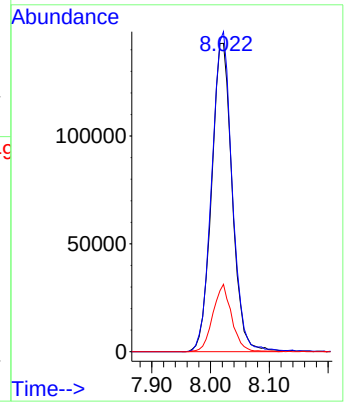


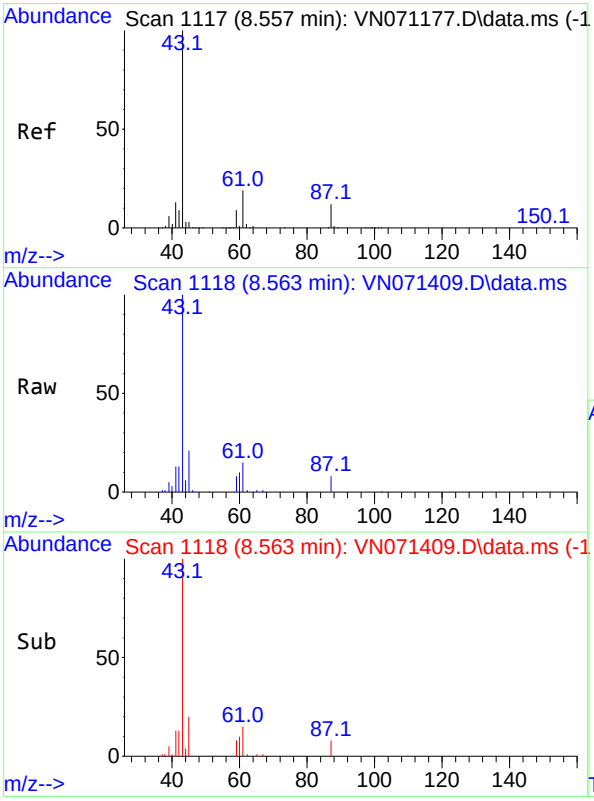
#35
Dibromofluoromethane
Concen: 46.420 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Tgt Ion:113 Resp: 346680

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	20.0	16.9	25.3

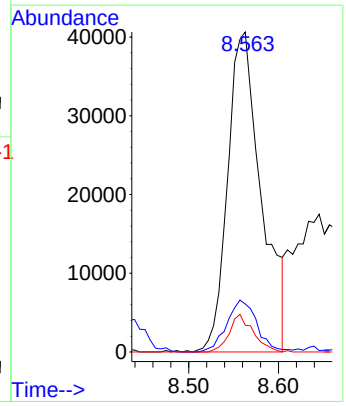


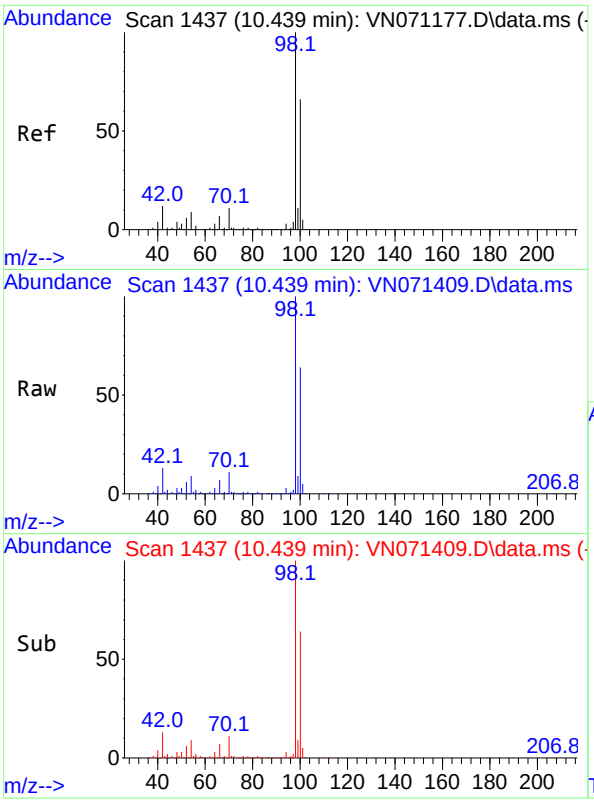


#43
Isopropyl Acetate
Concen: 4.319 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Tgt Ion: 43 Resp: 106362

Ion	Ratio	Lower	Upper
43	100		
61	14.6	20.4	30.6#
87	8.3	11.2	16.8#



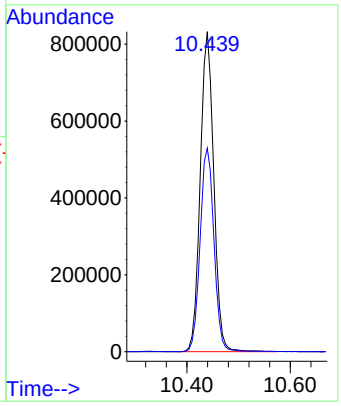


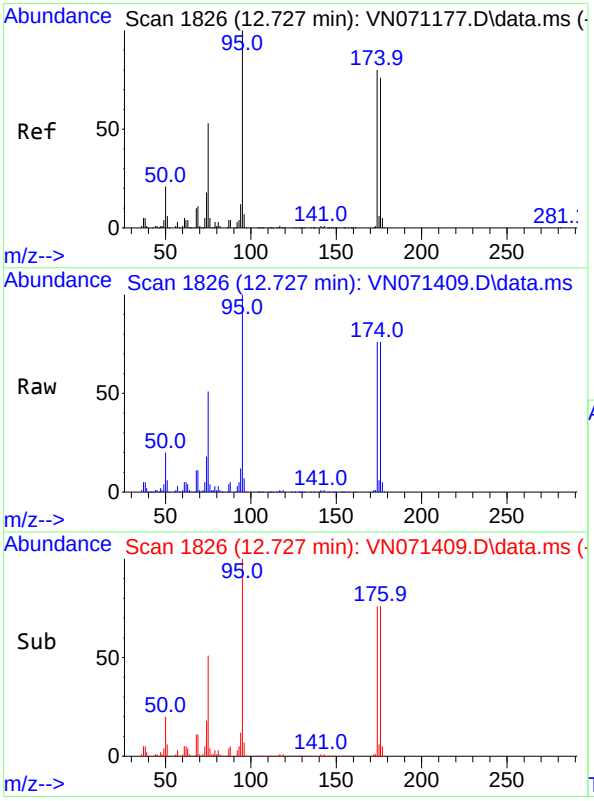
#50
Toluene-d8
Concen: 50.144 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Tgt Ion: 98 Resp: 1507818

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.4	75.6

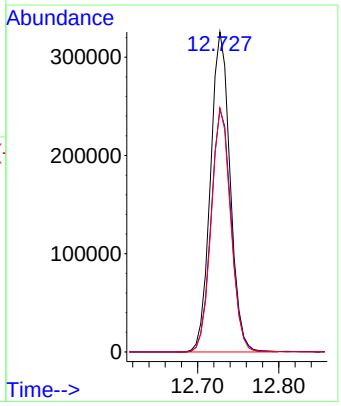


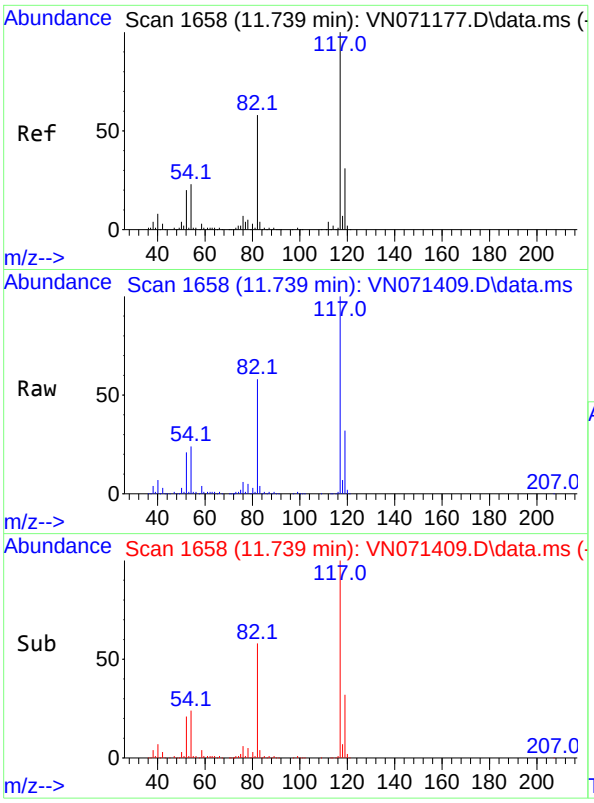


#62
4-Bromofluorobenzene
Concen: 53.827 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Tgt Ion: 95 Resp: 548078

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	187.2
176	75.4	0.0	181.4



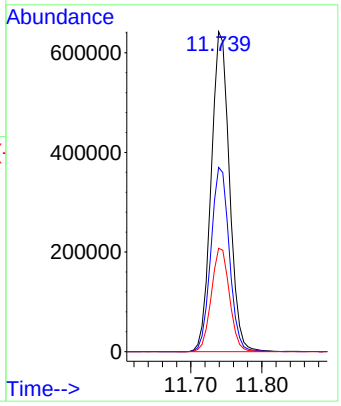


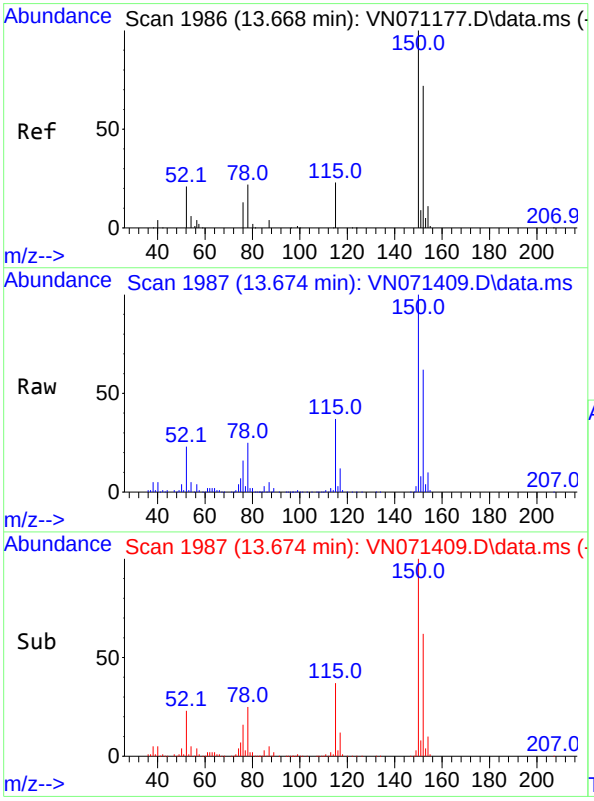
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Tgt Ion:117 Resp: 1143137

Ion	Ratio	Lower	Upper
117	100		
82	57.6	42.4	63.6
119	32.3	25.4	38.2

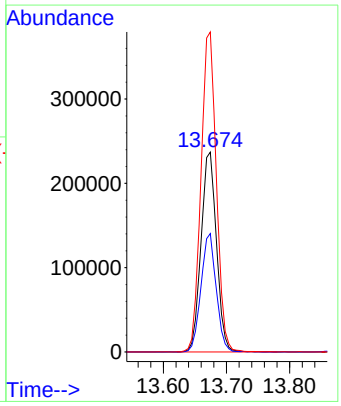


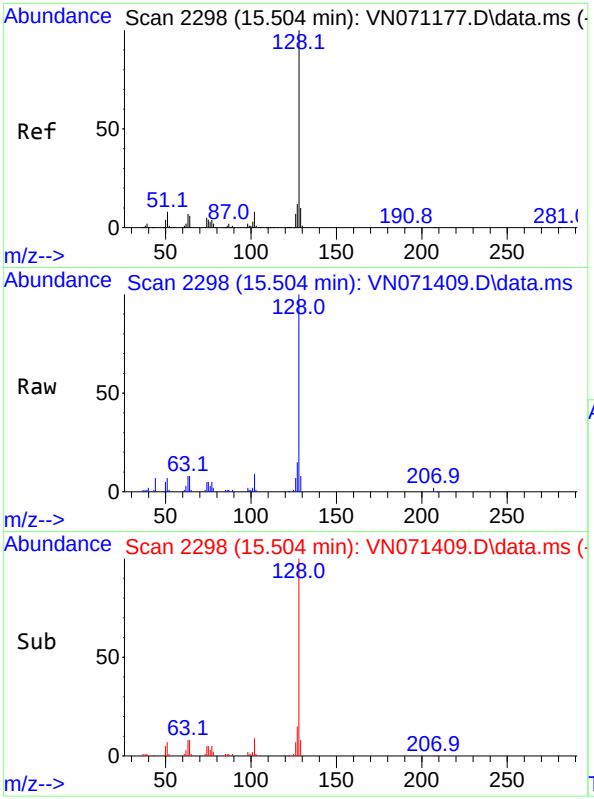


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Tgt Ion:152 Resp: 402999

Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.5	82.5
150	159.7	0.0	344.4





#95
Naphthalene
Concen: 8.705 ug/l
RT: 15.504 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN071409.D
Acq: 19 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

Tgt Ion:128 Resp: 74769

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	9.5	8.7	13.1