Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
Data File : VN070963.D
Acq On : 16 Feb 2022 17:02
Operator : JC\MD
Sample : N1573-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Quant Time: Feb 17 04:12:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	963147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1476110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1312817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	501834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	542085	49.271	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.540%		
35) Dibromofluoromethane	8.016	113	437856	49.870	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.740%		
50) Toluene-d8	10.439	98	1752724	49.709	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.727	95	557303	44.219	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.440%		
Target Compounds						Qvalue
16) Acetone	4.281	43	102626	16.937	ug/l	95
25) 2-Butanone	7.345	43	9652	1.197	ug/l #	88
37) Ethyl Acetate	7.410	43	43556	2.823	ug/l	99
95) Naphthalene	15.509	128	5121	5.195	ug/l #	94

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

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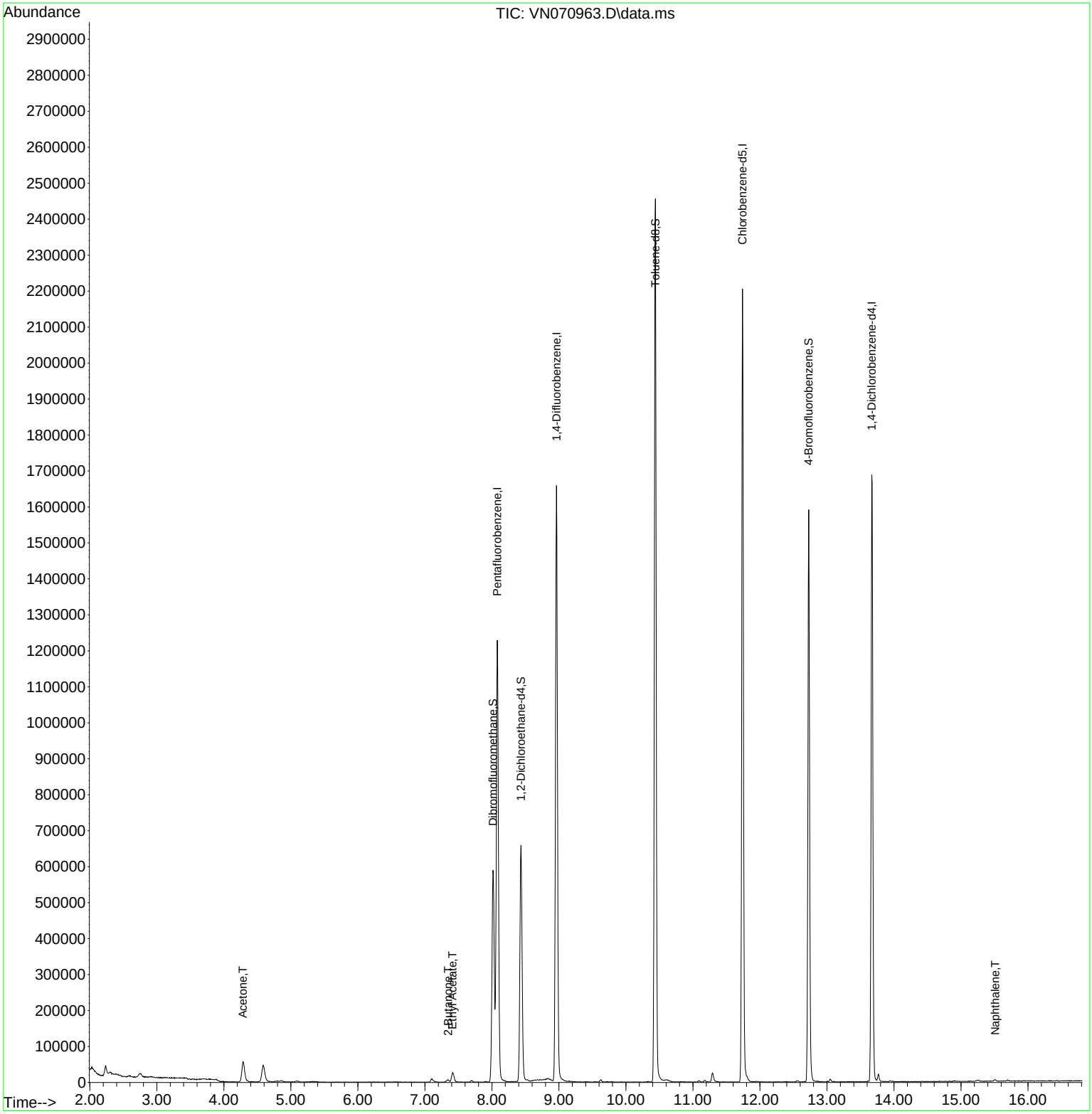
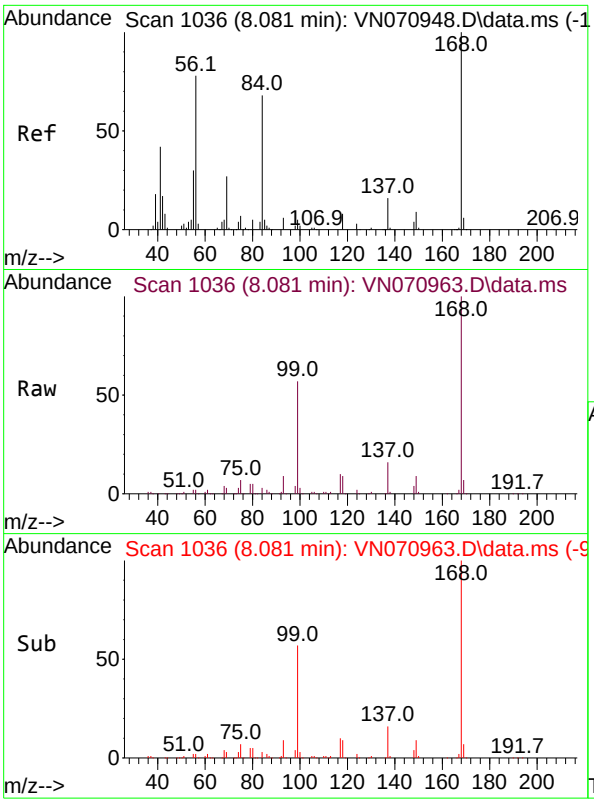


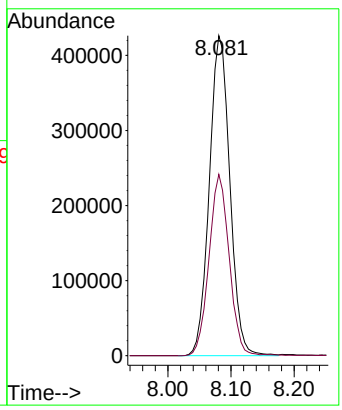


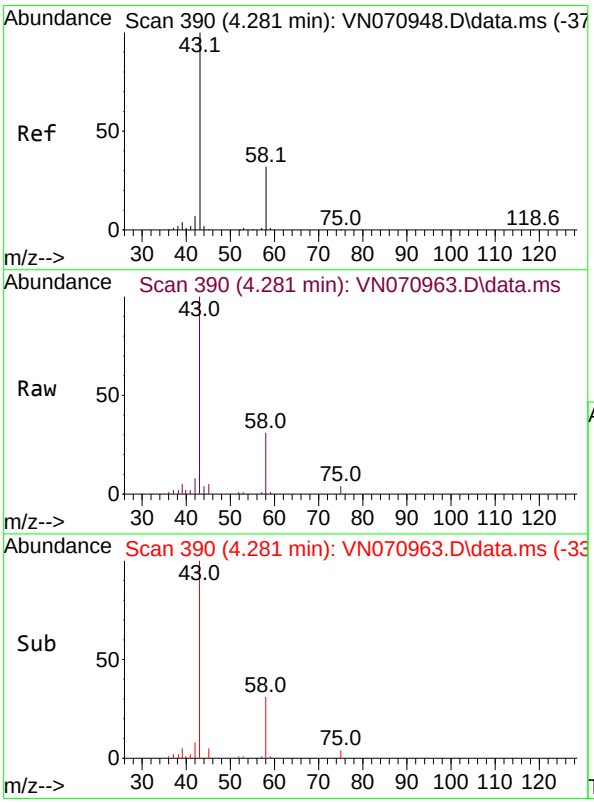
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Tgt Ion:168 Resp: 963147

Ion	Ratio	Lower	Upper
168	100		
99	56.6	41.3	61.9

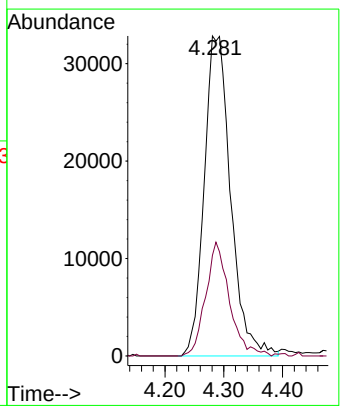


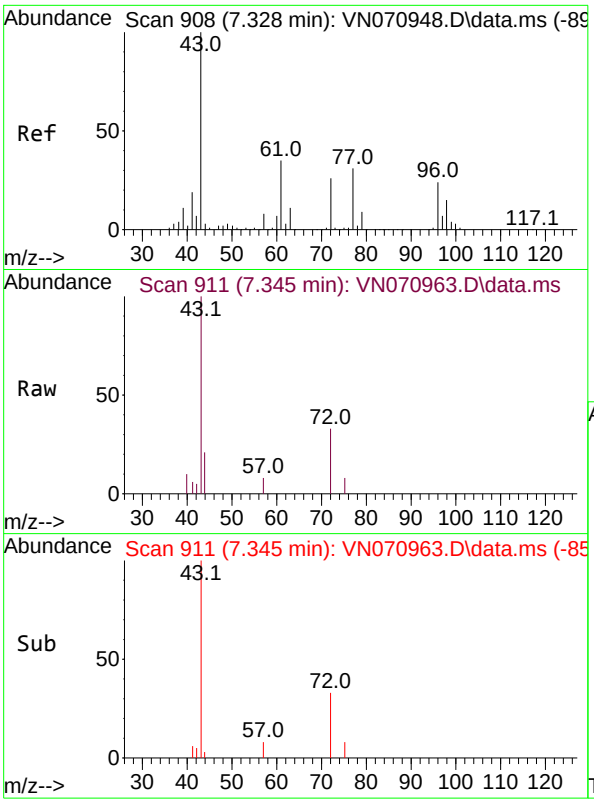


#16
Acetone
Concen: 16.937 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 43 Resp: 102626

Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.1	34.7



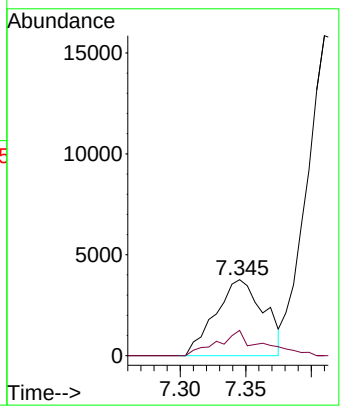


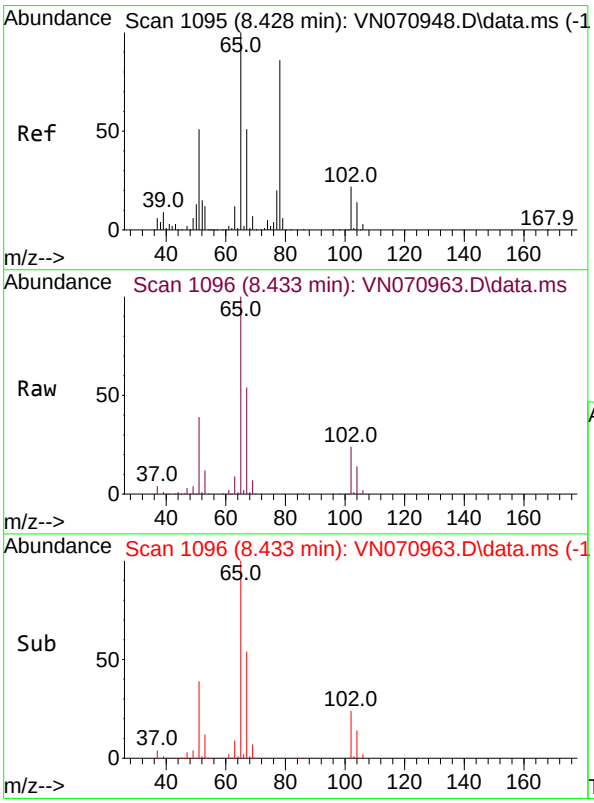
#25
2-Butanone
Concen: 1.197 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Tgt Ion: 43 Resp: 9652

Ion	Ratio	Lower	Upper
43	100		
72	33.3	21.7	32.5#

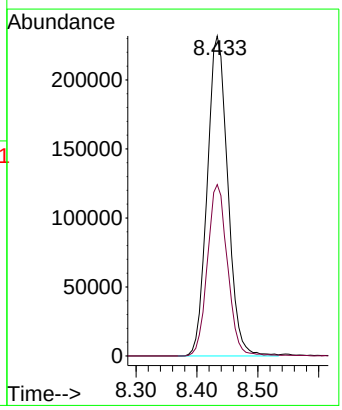


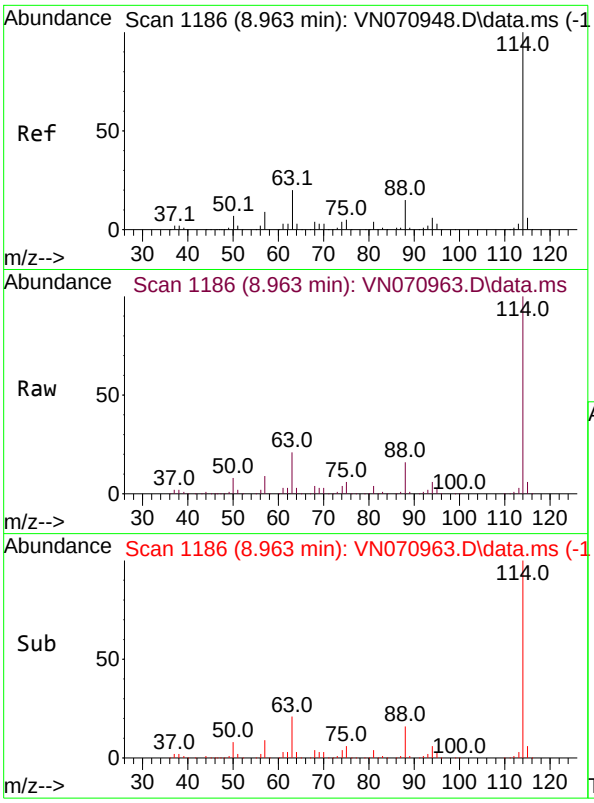


#33
1,2-Dichloroethane-d4
Concen: 49.271 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 65 Resp: 542085

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



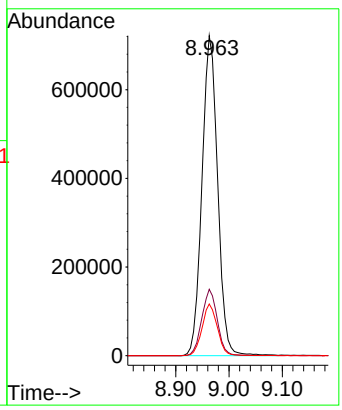


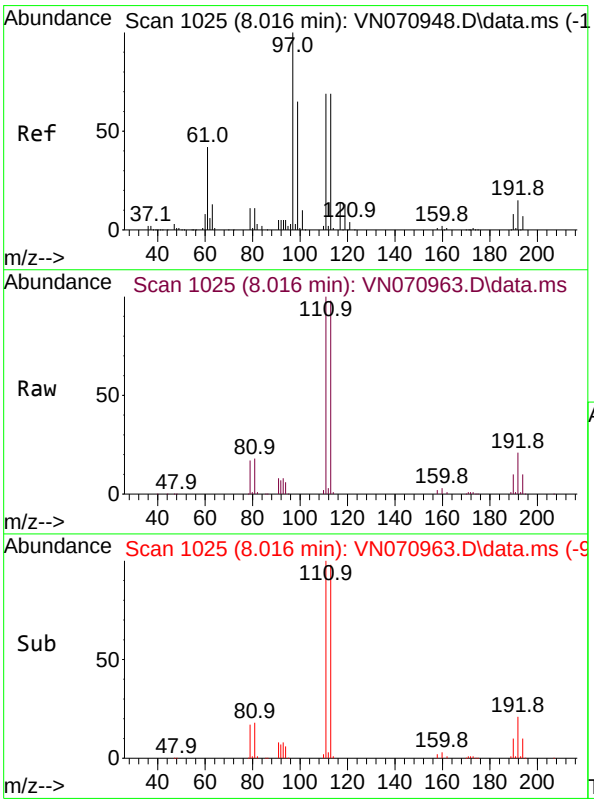
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Tgt Ion:114 Resp: 1476110

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.8
88	16.1	0.0	27.4

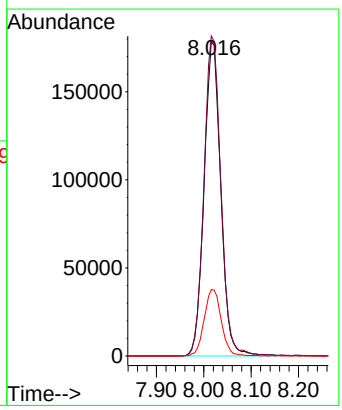


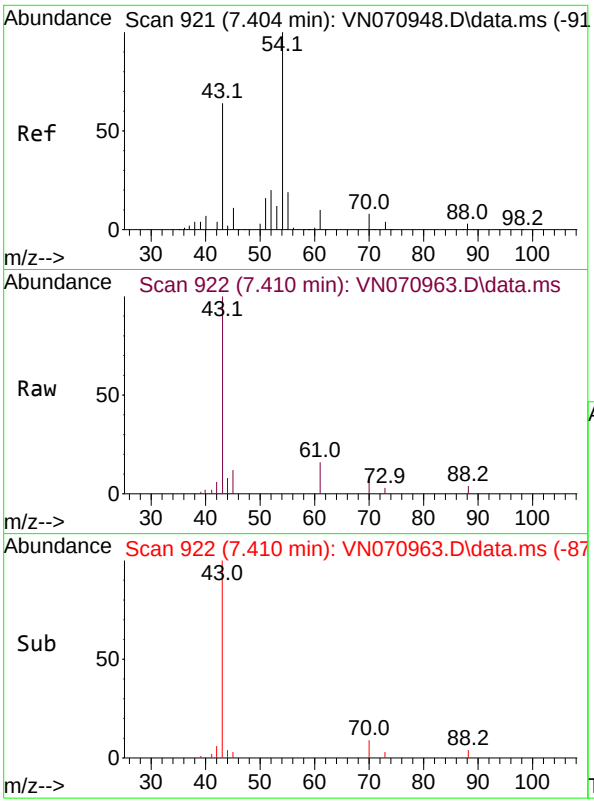


#35
Dibromofluoromethane
Concen: 49.870 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Tgt Ion:113 Resp: 437856

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	21.5	16.9	25.3



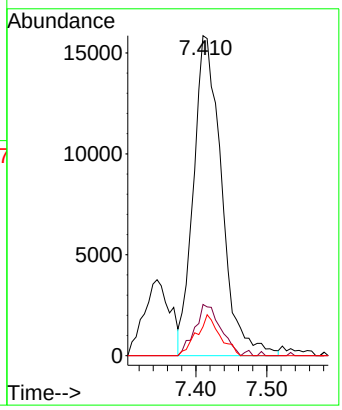


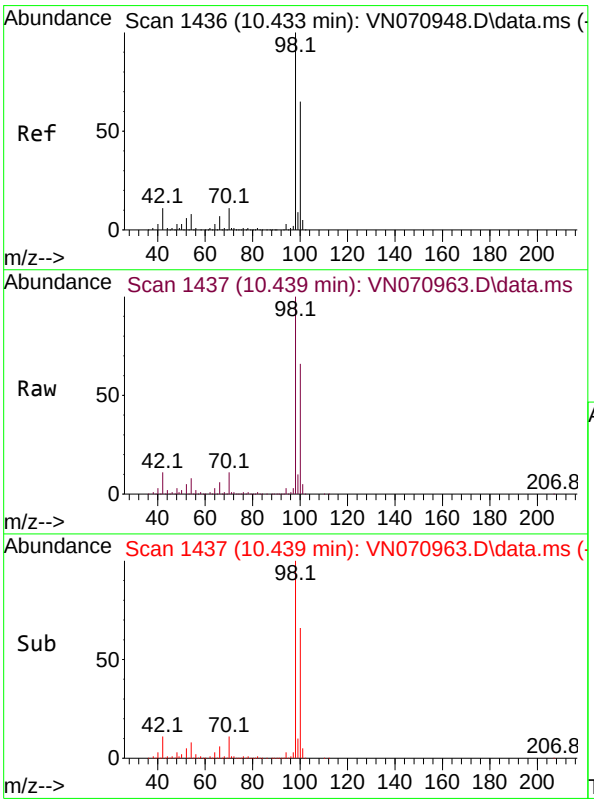
#37
Ethyl Acetate
Concen: 2.823 ug/l
RT: 7.410 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Tgt Ion: 43 Resp: 43556

Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	10.5	7.9	11.9

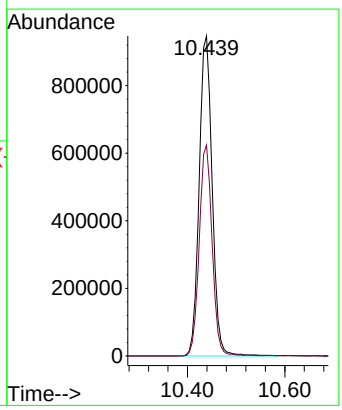


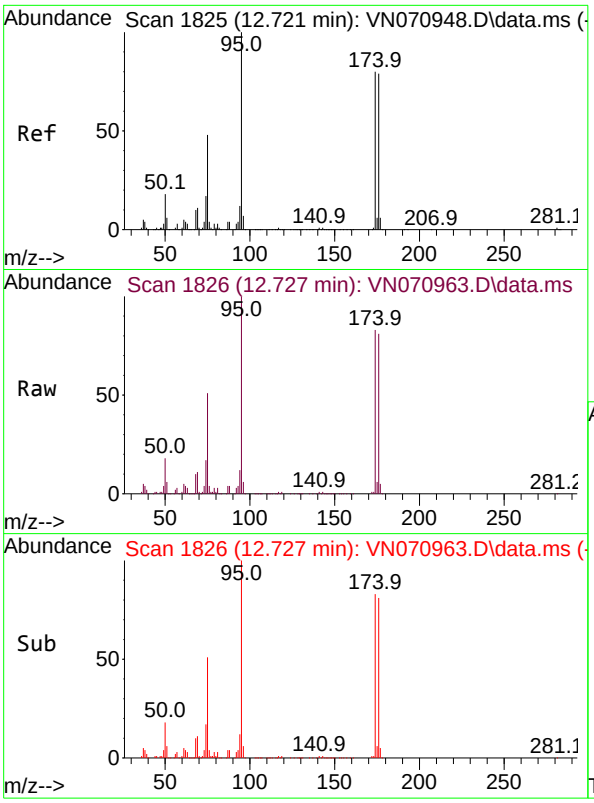


#50
Toluene-d8
Concen: 49.709 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 98 Resp: 1752724

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.4	75.6



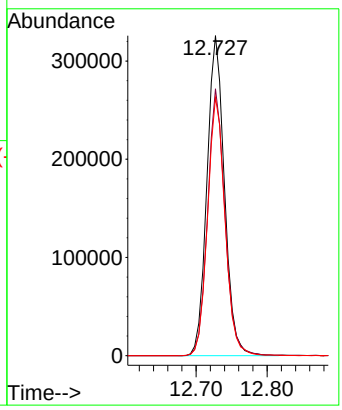


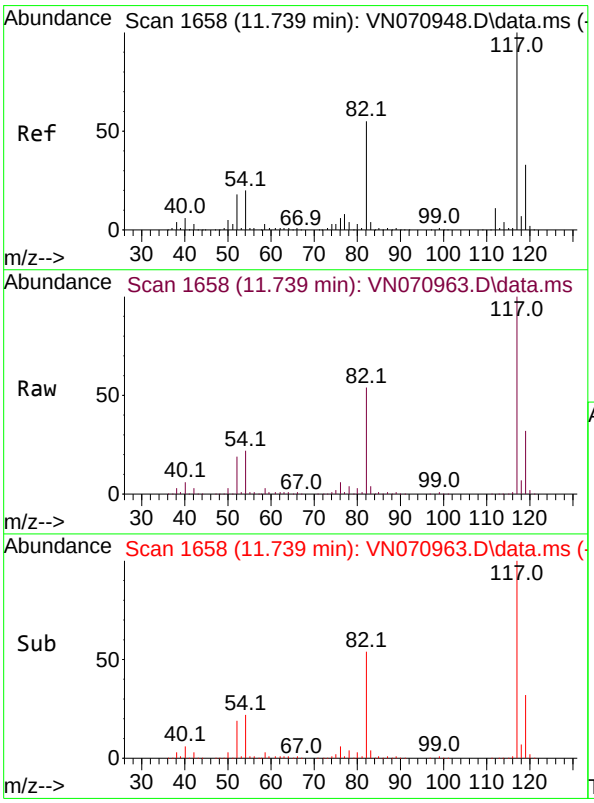
#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Tgt Ion: 95 Resp: 557303

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	187.2
176	80.4	0.0	181.4

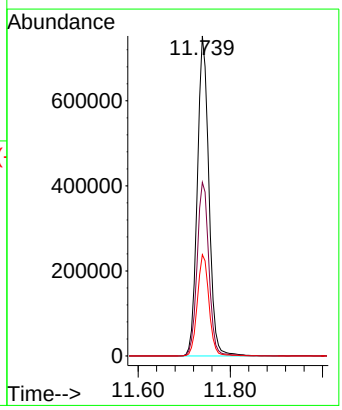


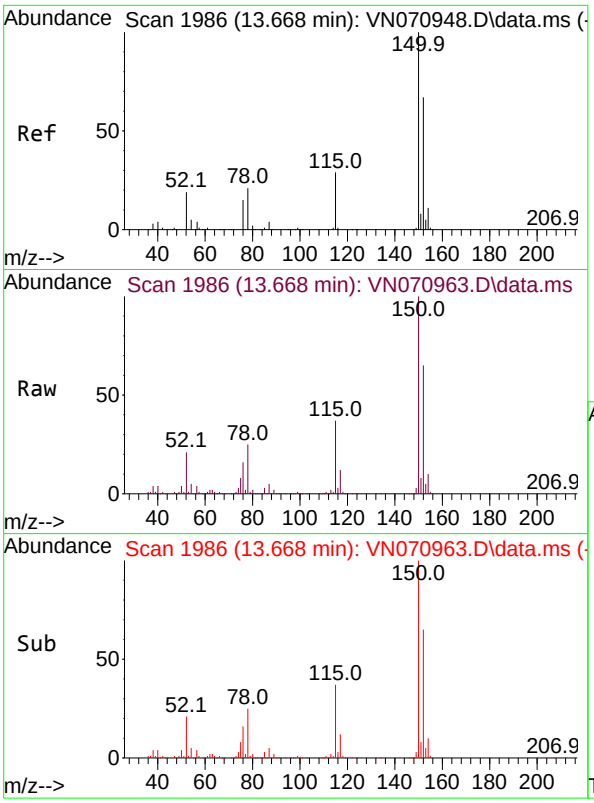


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Tgt Ion:117 Resp: 1312817

Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.4	63.6
119	31.6	25.4	38.2



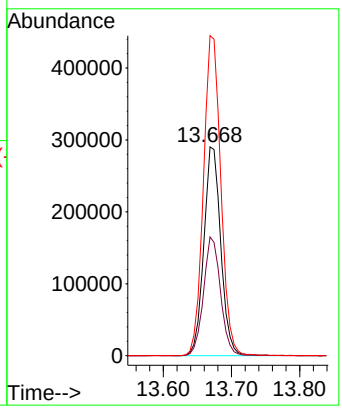


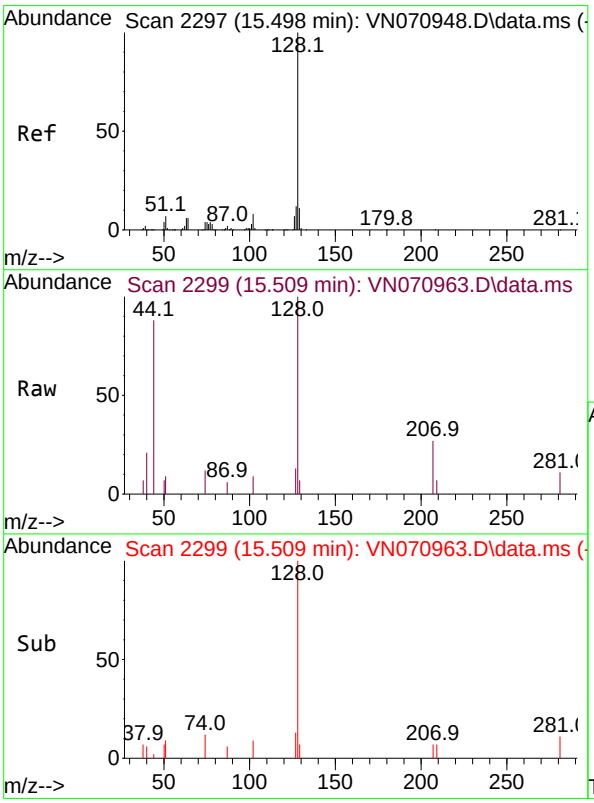
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Tgt Ion:152 Resp: 501834

Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.5	82.5
150	157.6	0.0	344.4





#95
Naphthalene
Concen: 5.195 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN070963.D
Acq: 16 Feb 2022 17:02

Tgt Ion:128 Resp: 5121

Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.5	15.7
129	8.3	8.7	13.1#