Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
Data File : VN073453.D
Acq On : 13 Jul 2022 17:04
Operator : JC\MD
Sample : N3707-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
N48967

Quant Time: Jul 14 07:04:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	301360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	501125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	469840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	227659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193272	44.426	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.860%			
35) Dibromofluoromethane	7.951	113	161937	48.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.140%			
50) Toluene-d8	10.380	98	531337	44.871	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.740%			
62) 4-Bromofluorobenzene	12.668	95	234039	51.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.860%			
Target Compounds						Qvalue
16) Acetone	4.234	43	13279	5.438	ug/l	90
25) 2-Butanone	7.275	43	15516	3.991	ug/l	90
27) cis-1,2-Dichloroethene	7.239	96	5261	1.172	ug/l	85
29) Tetrahydrofuran	7.622	42	14576	5.475	ug/l #	83
44) Trichloroethene	9.151	130	2142	0.532	ug/l	90

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

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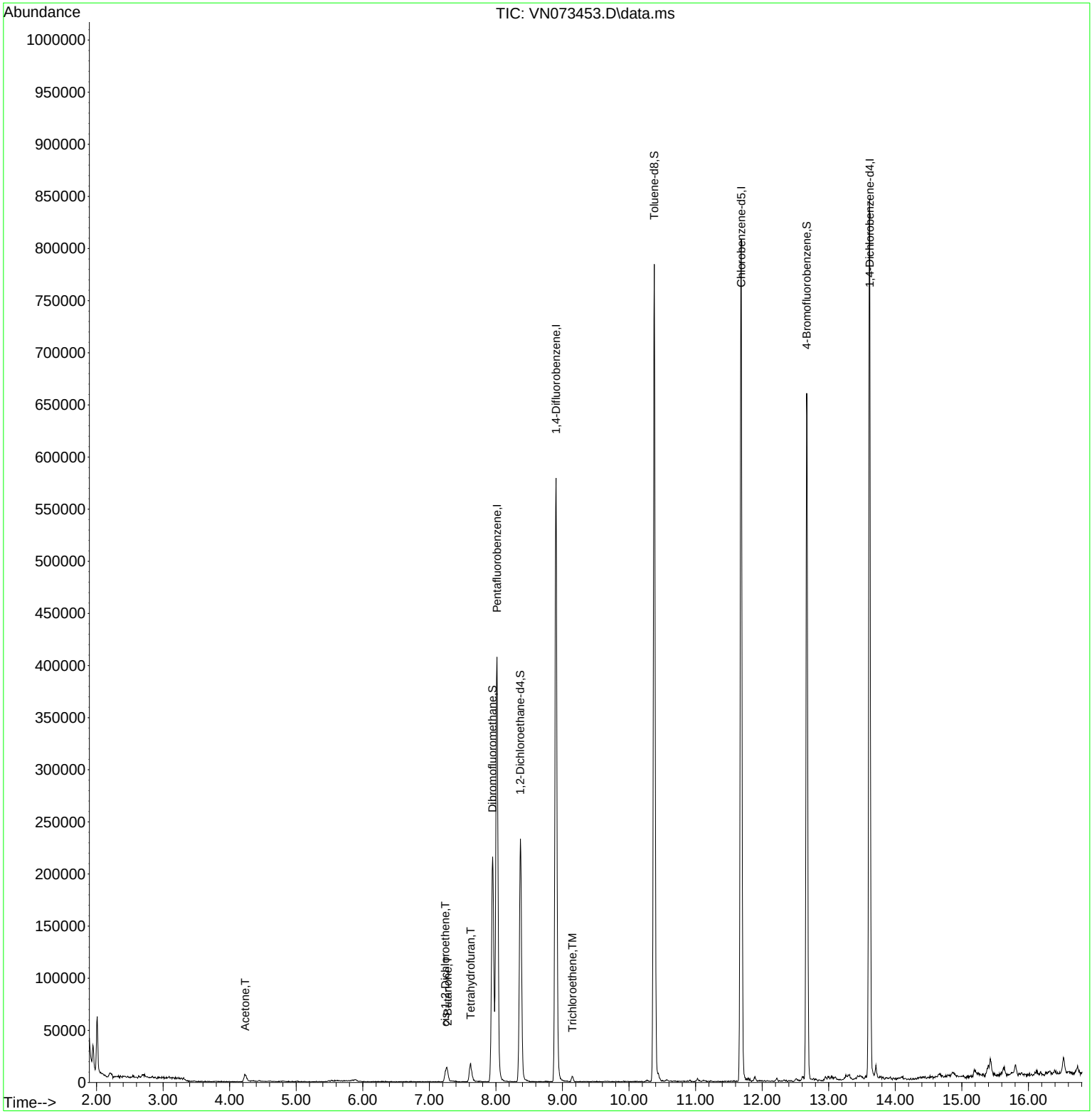
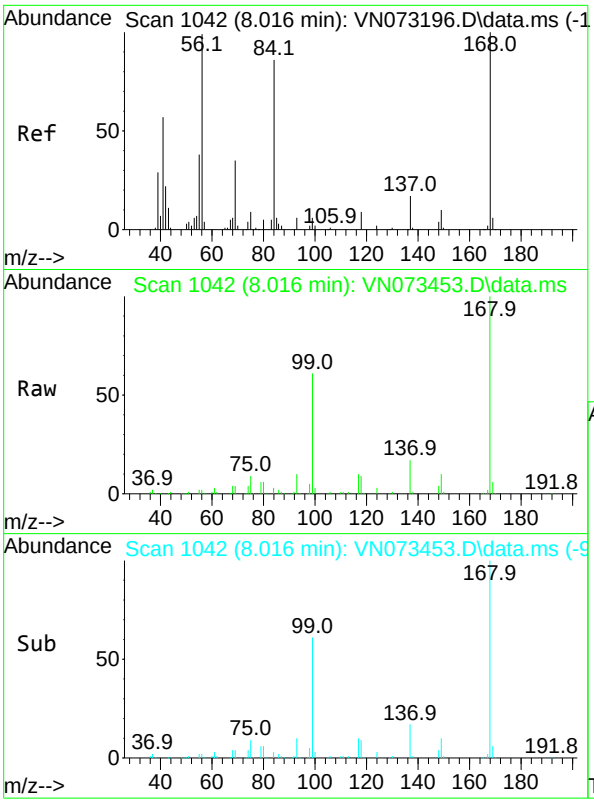


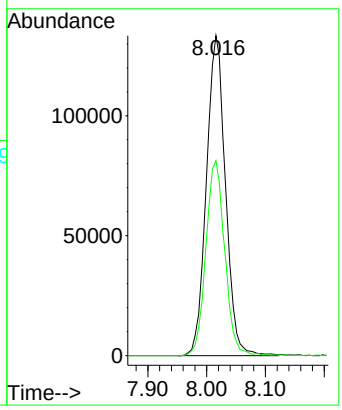


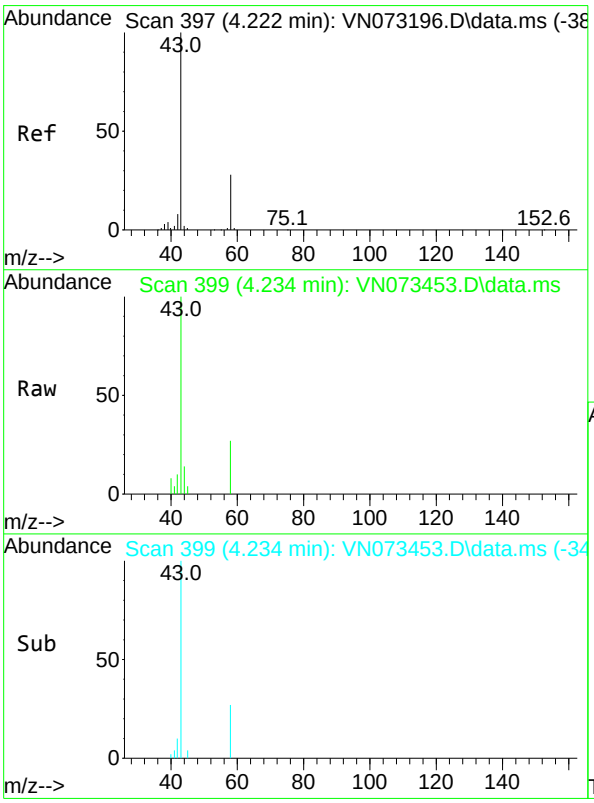
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion:168 Resp: 301360

Ion	Ratio	Lower	Upper
168	100		
99	60.9	42.3	63.5

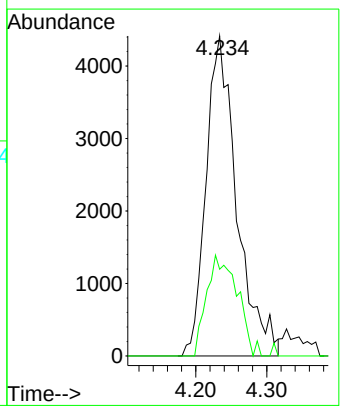


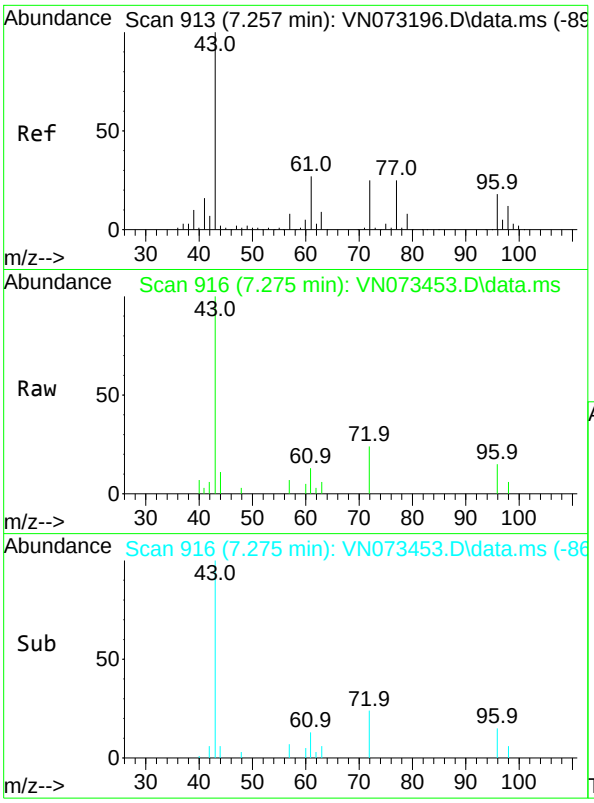


#16
Acetone
Concen: 5.438 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Tgt Ion: 43 Resp: 13279

Ion	Ratio	Lower	Upper
43	100		
58	27.1	26.0	39.0



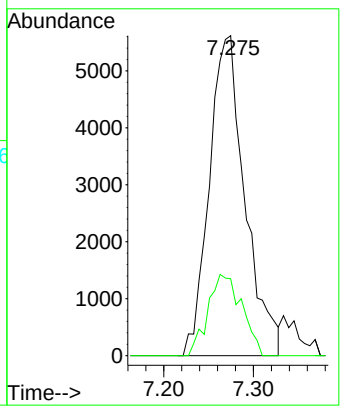


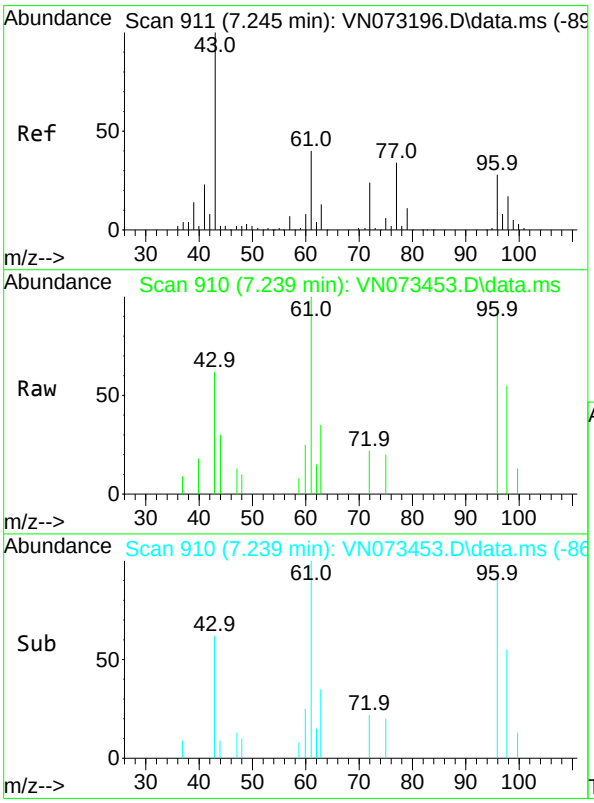
#25
2-Butanone
Concen: 3.991 ug/l
RT: 7.275 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion: 43 Resp: 15516

Ion	Ratio	Lower	Upper
43	100		
72	24.0	23.7	35.5

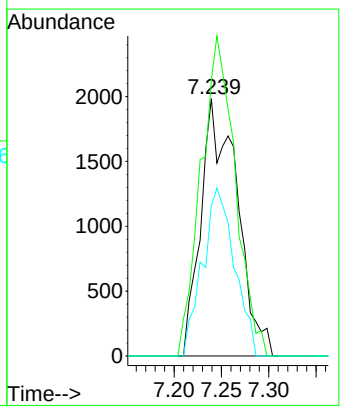


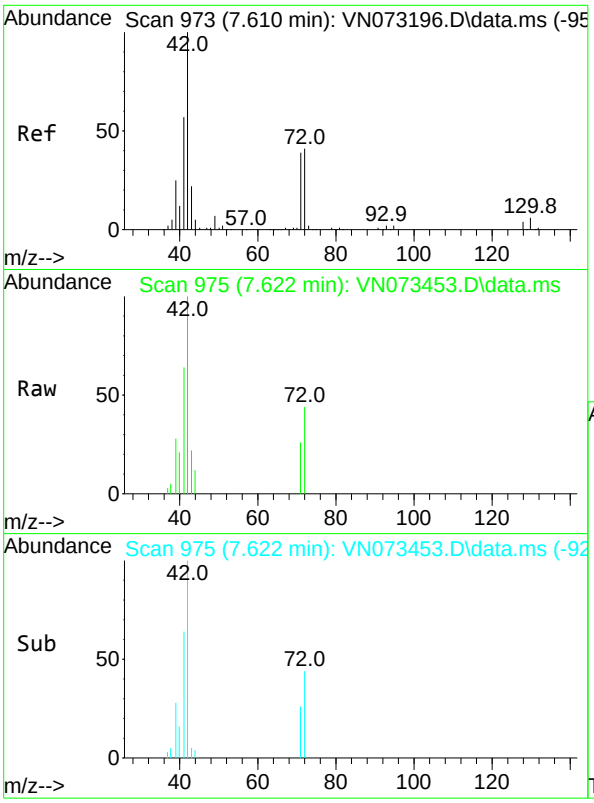


#27
cis-1,2-Dichloroethene
Concen: 1.172 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Tgt Ion: 96 Resp: 5261

Ion	Ratio	Lower	Upper
96	100		
61	117.8	0.0	280.6
98	57.8	0.0	128.4



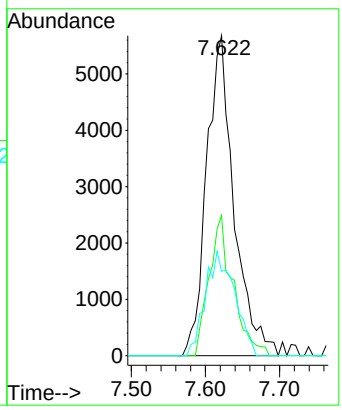


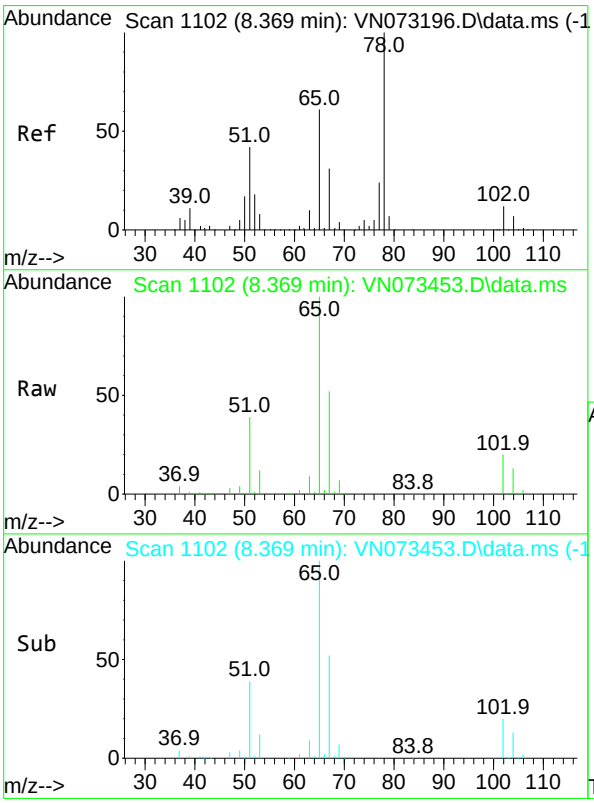
#29
Tetrahydrofuran
Concen: 5.475 ug/l
RT: 7.622 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion: 42 Resp: 14576

Ion	Ratio	Lower	Upper
42	100		
72	38.1	39.7	59.5#
71	34.8	36.6	55.0#

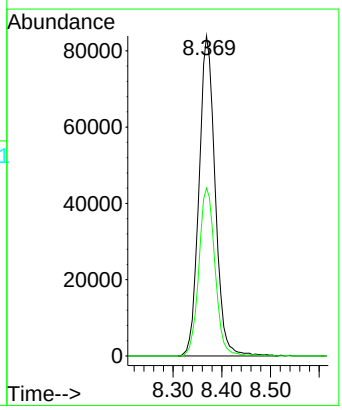


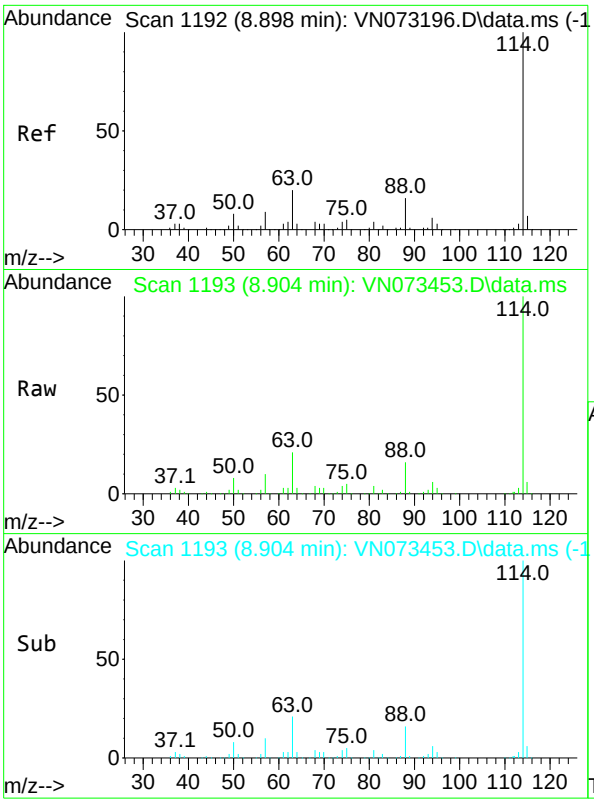


#33
1,2-Dichloroethane-d4
Concen: 44.426 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Tgt Ion: 65 Resp: 193272

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.8



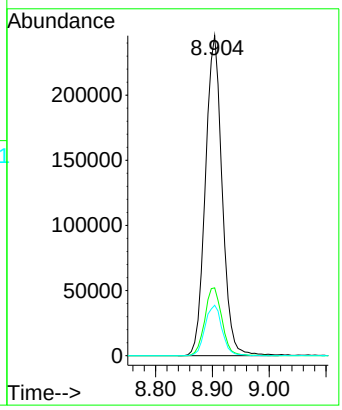


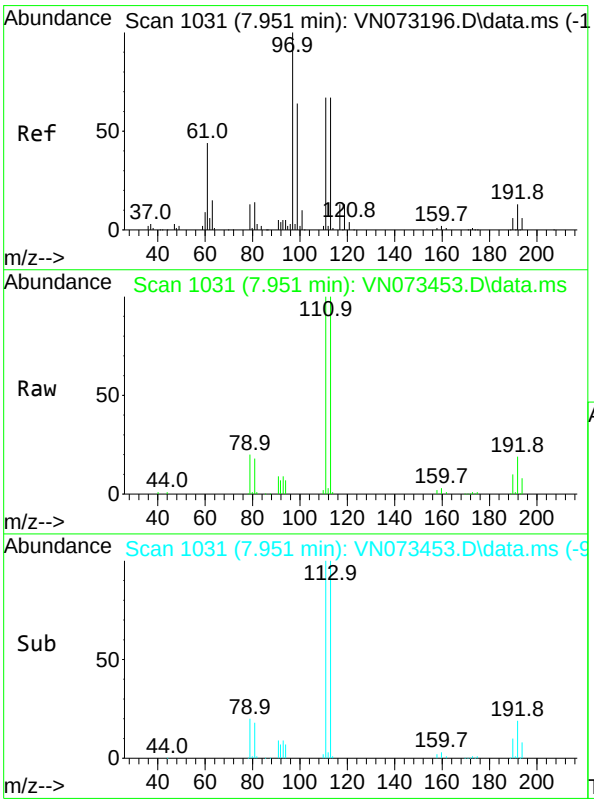
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion:114 Resp: 501125

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.0
88	15.8	0.0	32.6

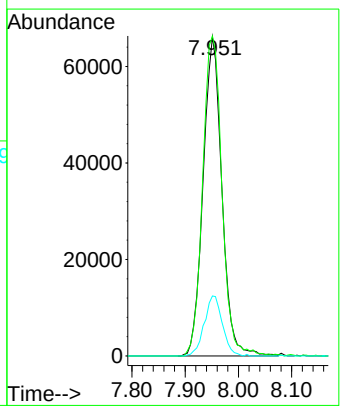


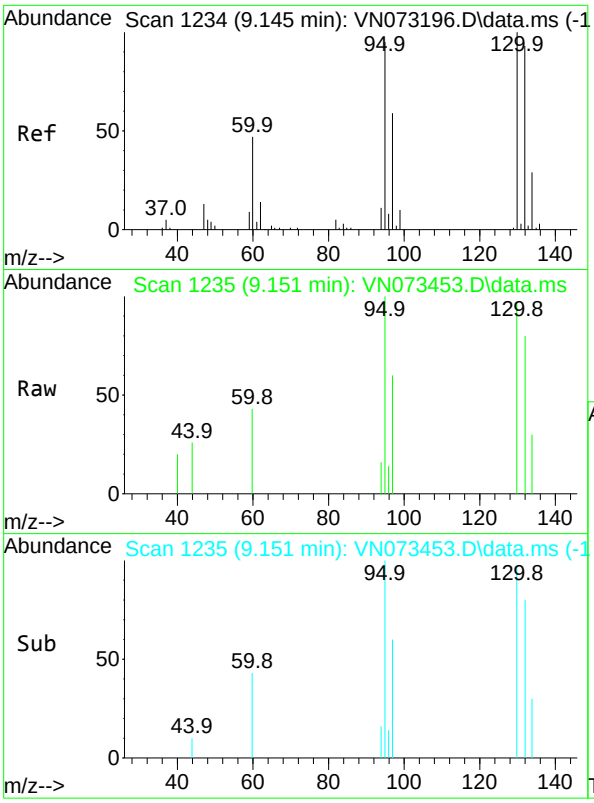


#35
Dibromofluoromethane
Concen: 48.571 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Tgt Ion:113 Resp: 161937

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	18.1	17.0	25.6



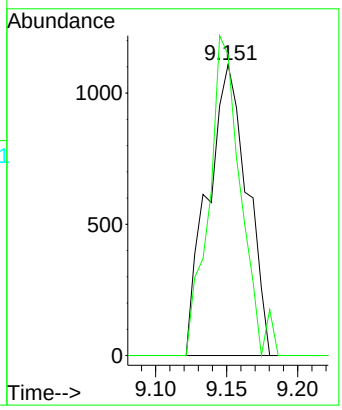


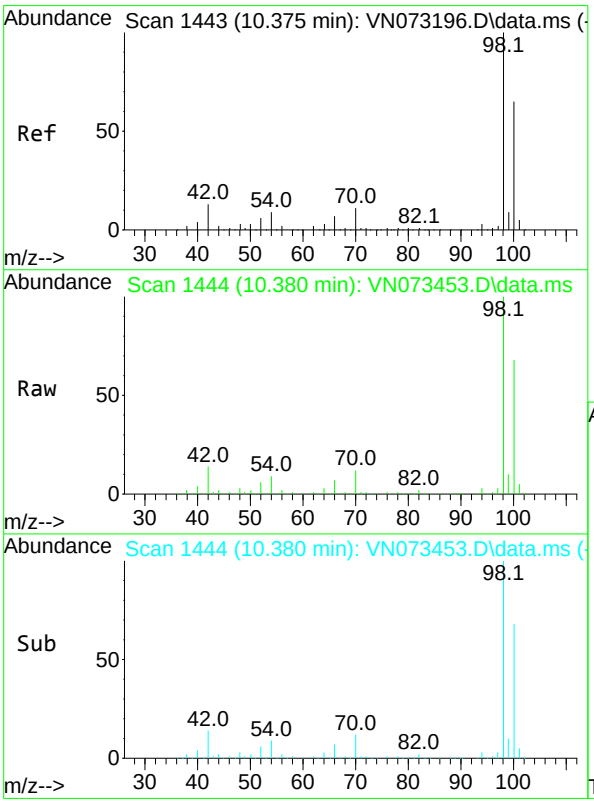
#44
Trichloroethene
Concen: 0.532 ug/l
RT: 9.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion:130 Resp: 2142

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	186.8

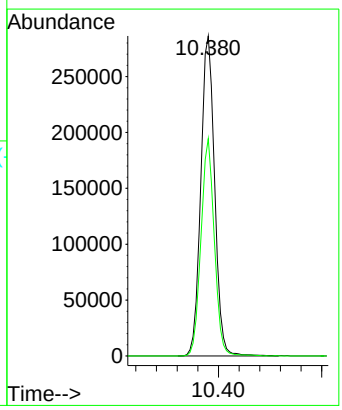


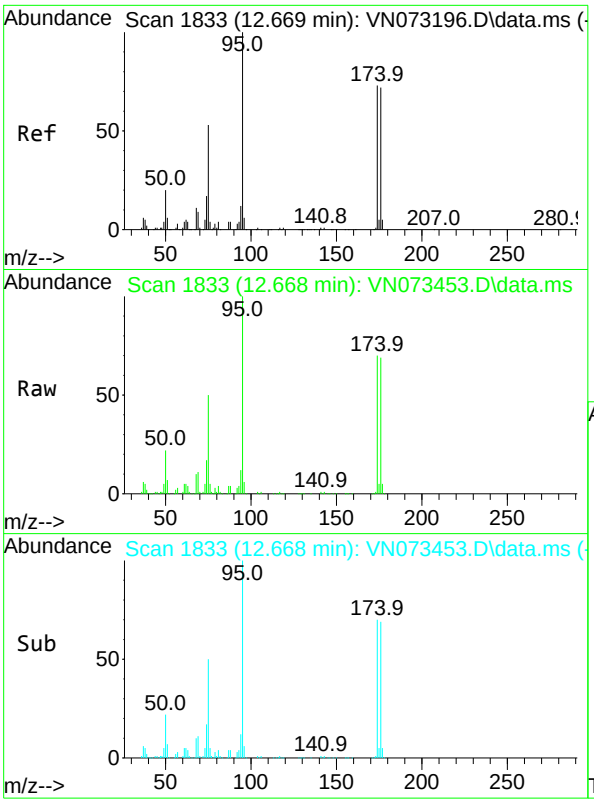


#50
Toluene-d8
Concen: 44.871 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Tgt Ion: 98 Resp: 531337

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8



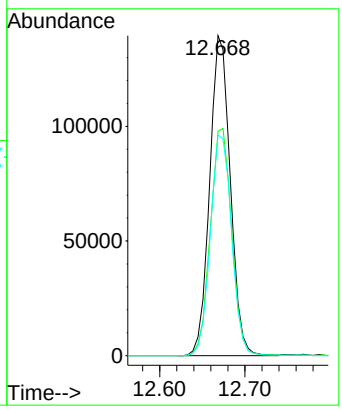


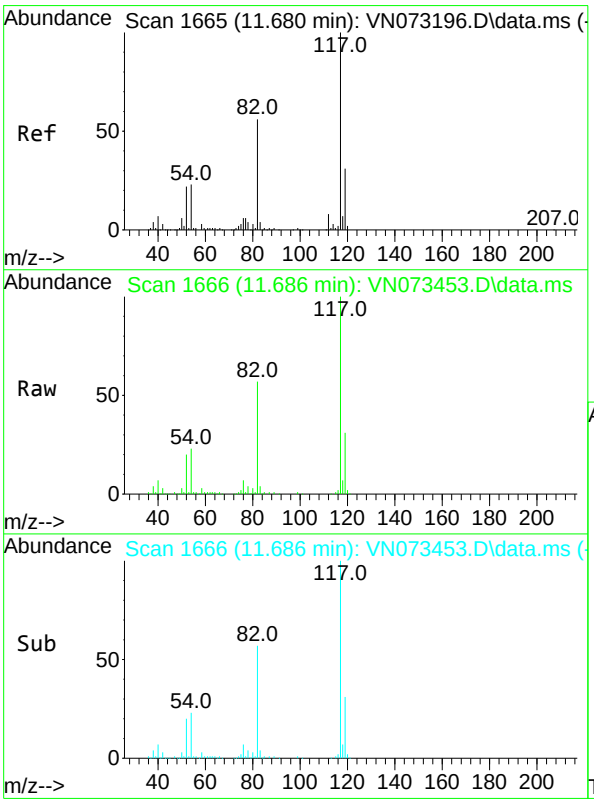
#62
4-Bromofluorobenzene
Concen: 51.430 ug/l
RT: 12.668 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion: 95 Resp: 234039

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	167.6
176	71.3	0.0	163.4

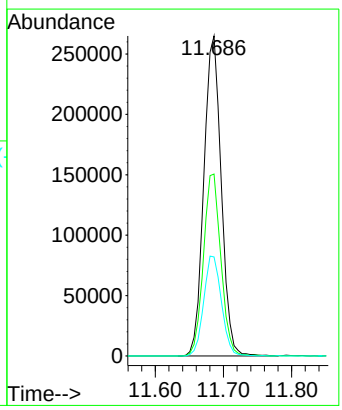


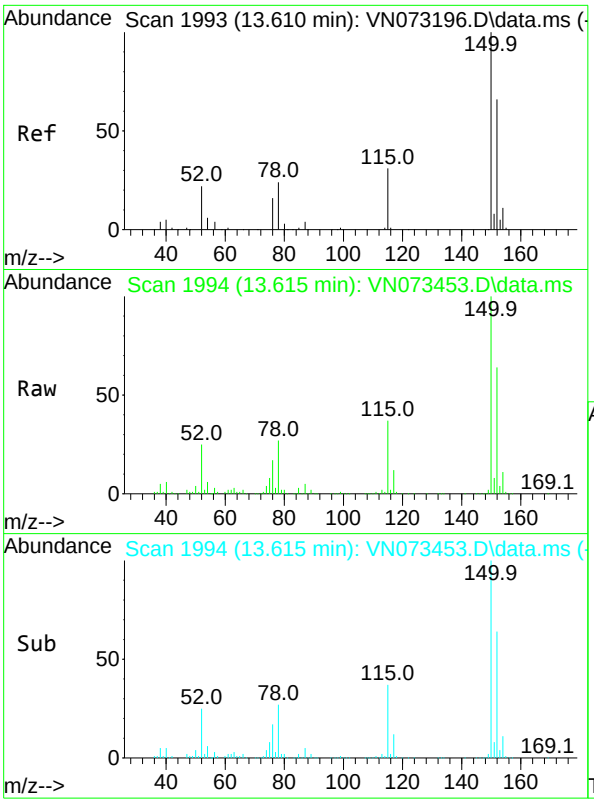


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Tgt Ion:117 Resp: 469840

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.2	66.2
119	30.9	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN073453.D
Acq: 13 Jul 2022 17:04

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion:152 Resp: 227659

Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.9	86.7
150	156.7	0.0	356.2