Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070378.D
Acq On : 30 Dec 2021 5:27
Operator : JC/MD
Sample : M5007-11RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Quant Time: Dec 30 07:18:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	872307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1518595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1330595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	438003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	679976	54.215	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.440%			
35) Dibromofluoromethane	8.021	113	473609	51.545	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.100%			
50) Toluene-d8	10.443	98	1845190	49.159	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.734	95	630561	46.512	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.020%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.448	62	104020	8.490	ug/l	99
16) Acetone	4.299	43	25396	3.119	ug/l	98
18) Methyl Acetate	4.870	43	12118	0.515	ug/l #	70
19) Methyl tert-butyl Ether	5.624	73	133645	4.051	ug/l #	75
27) cis-1,2-Dichloroethene	7.329	96	90267	8.042	ug/l	96
40) Benzene	8.458	78	9975	0.214	ug/l #	90
44) Trichloroethene	9.217	130	3130	0.283	ug/l	89

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

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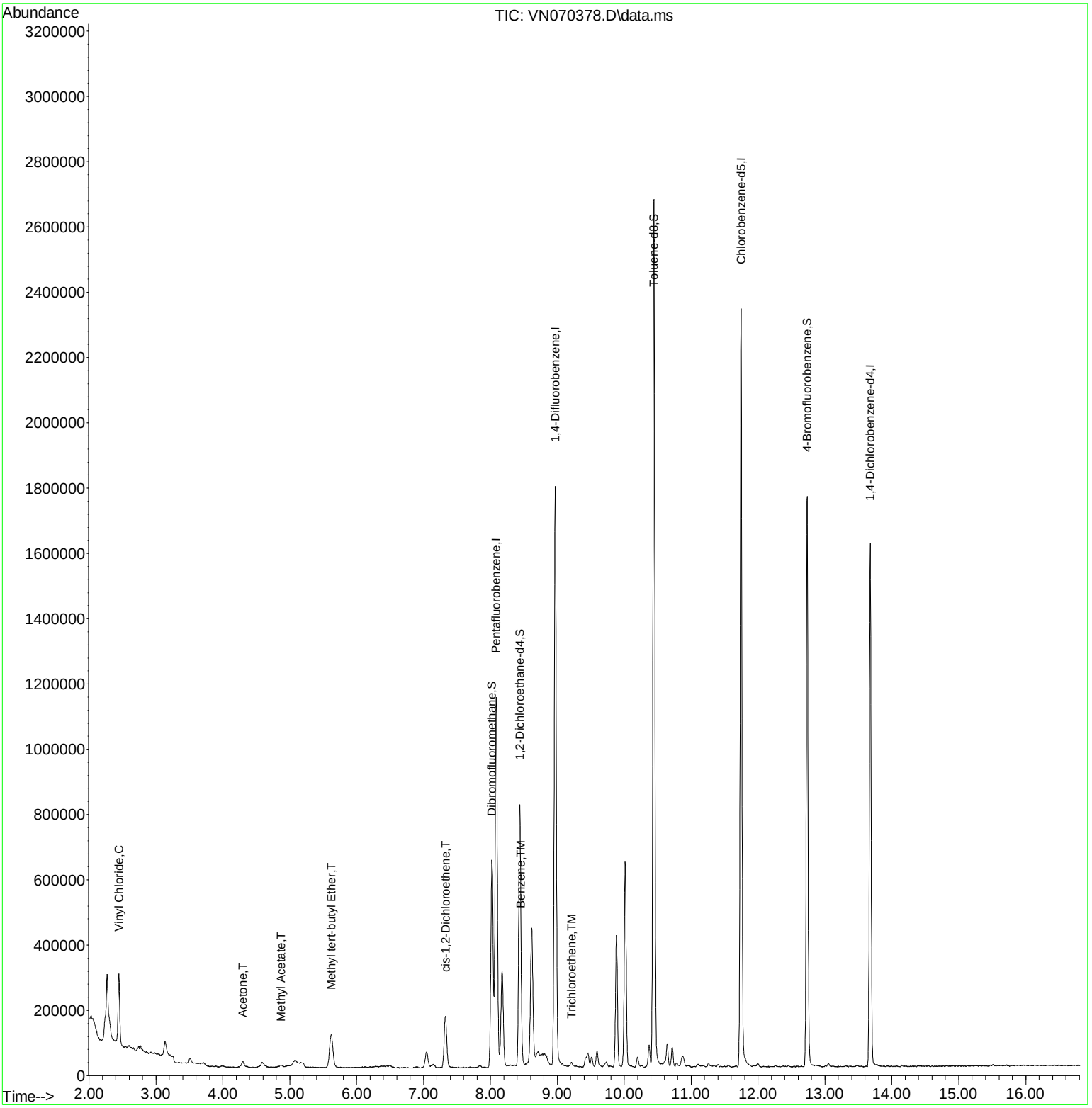
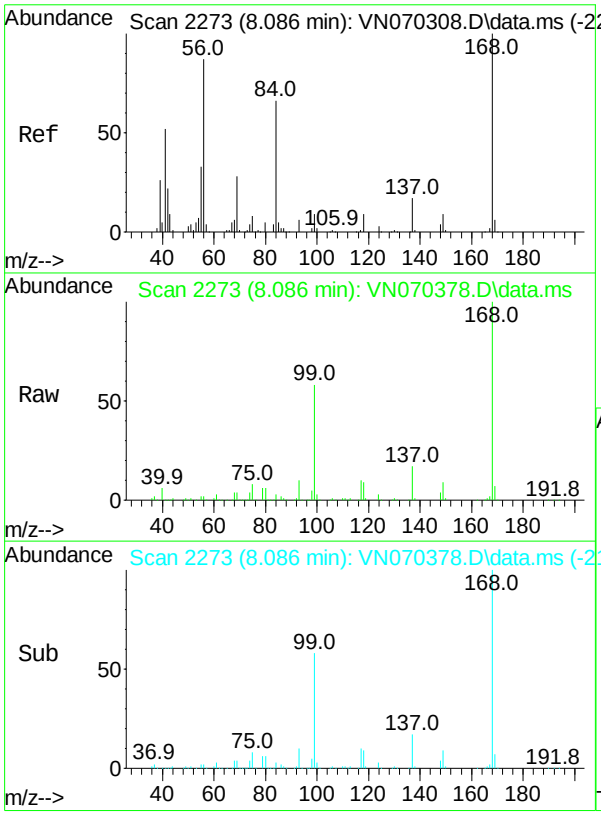


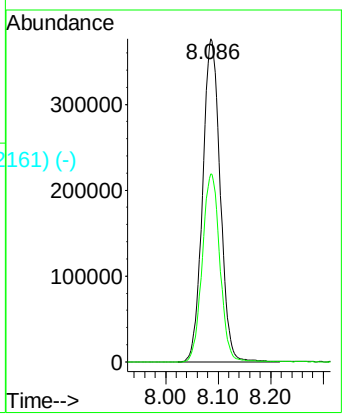


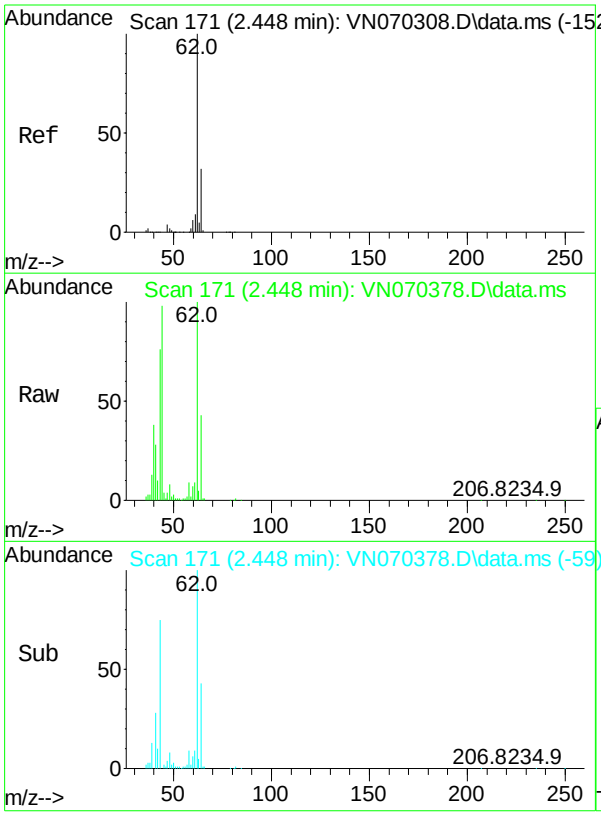
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion:168 Resp: 872307

Ion	Ratio	Lower	Upper
168	100		
99	58.2	41.3	61.9

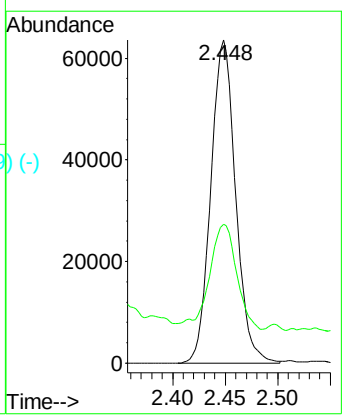


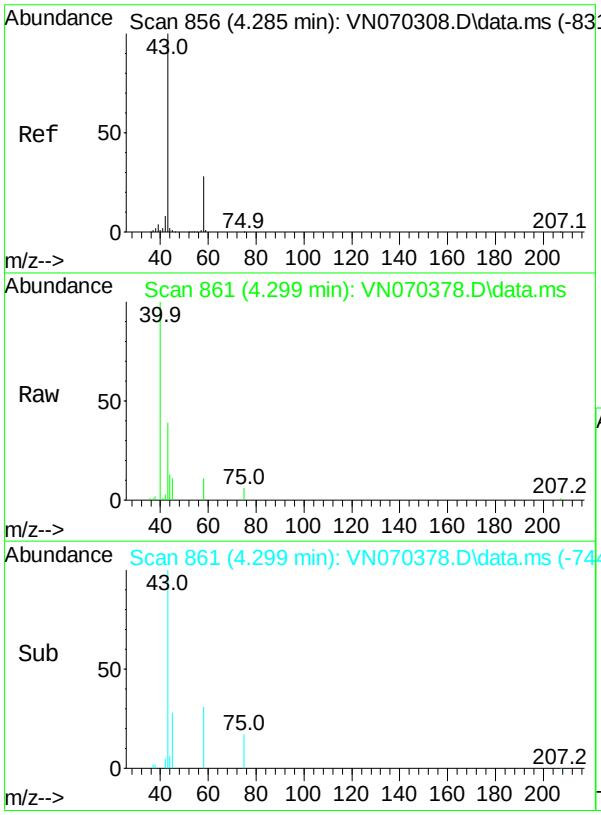


#4
Vinyl Chloride
Concen: 8.490 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Tgt Ion: 62 Resp: 104020

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.8	38.6



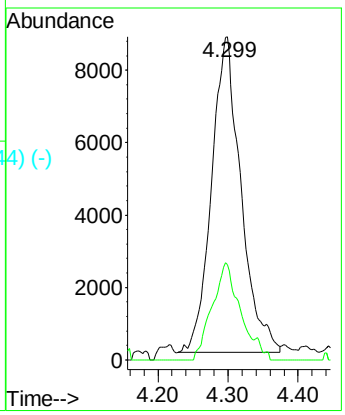


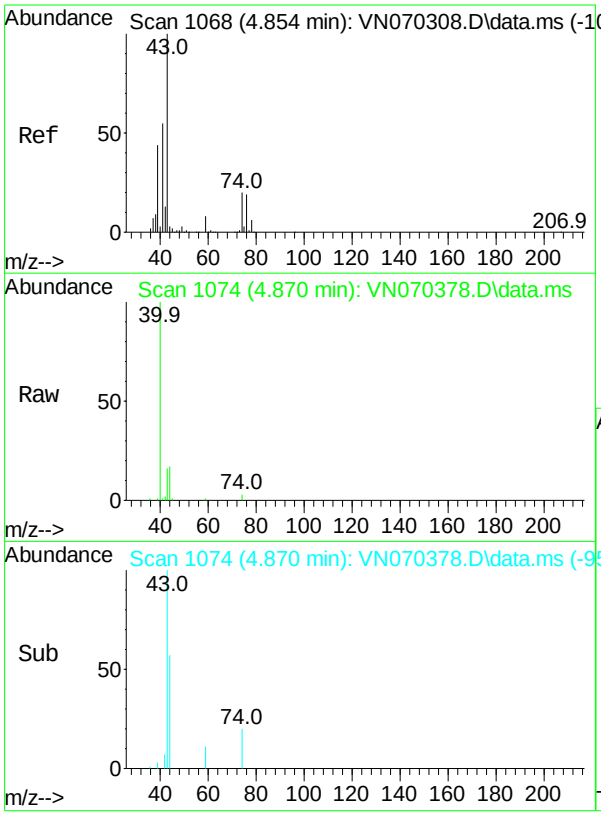
#16
Acetone
Concen: 3.119 ug/l
RT: 4.299 min Scan# 8
Delta R.T. 0.014 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion: 43 Resp: 25396

Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.1	34.7

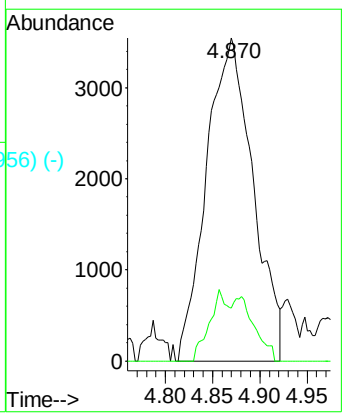


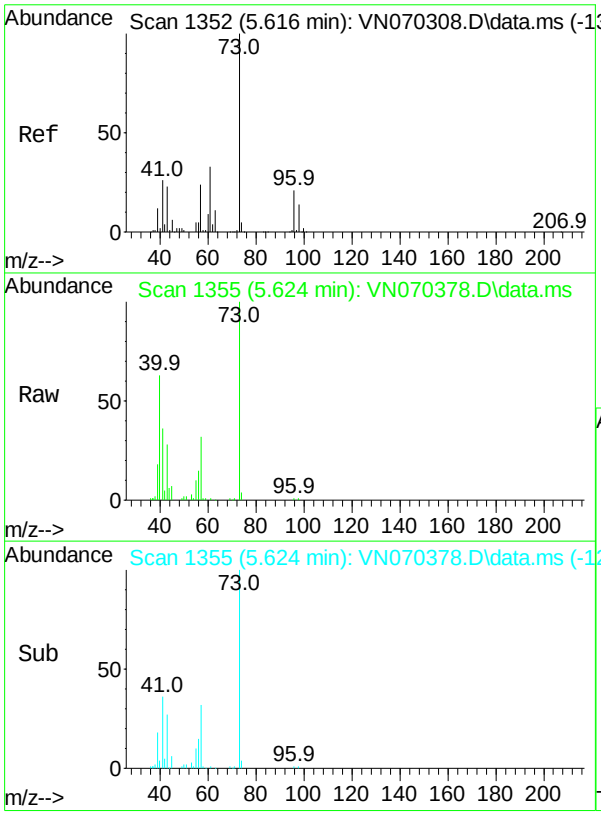


#18
Methyl Acetate
Concen: 0.515 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Tgt Ion: 43 Resp: 12118

Ion	Ratio	Lower	Upper
43	100		
74	9.4	19.4	29.2#



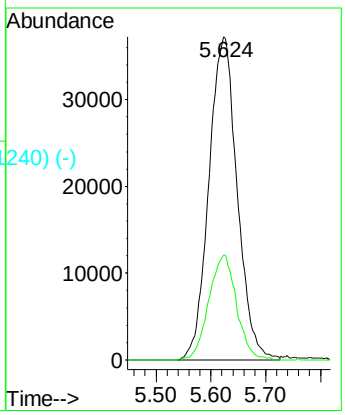


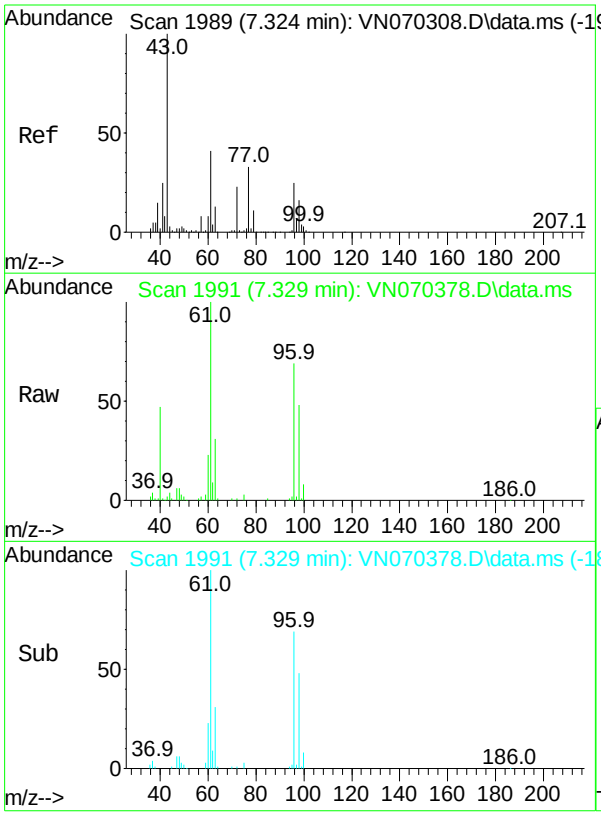
#39
Methyl tert-butyl Ether
Concen: 4.051 ug/l
RT: 5.624 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion: 73 Resp: 133645

Ion	Ratio	Lower	Upper
73	100		
57	32.5	16.8	25.2#

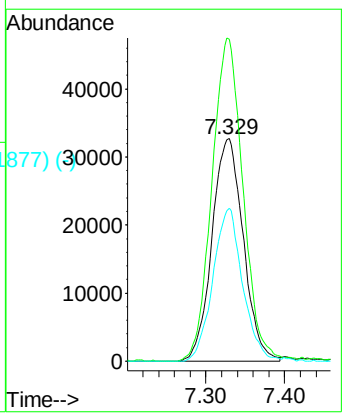


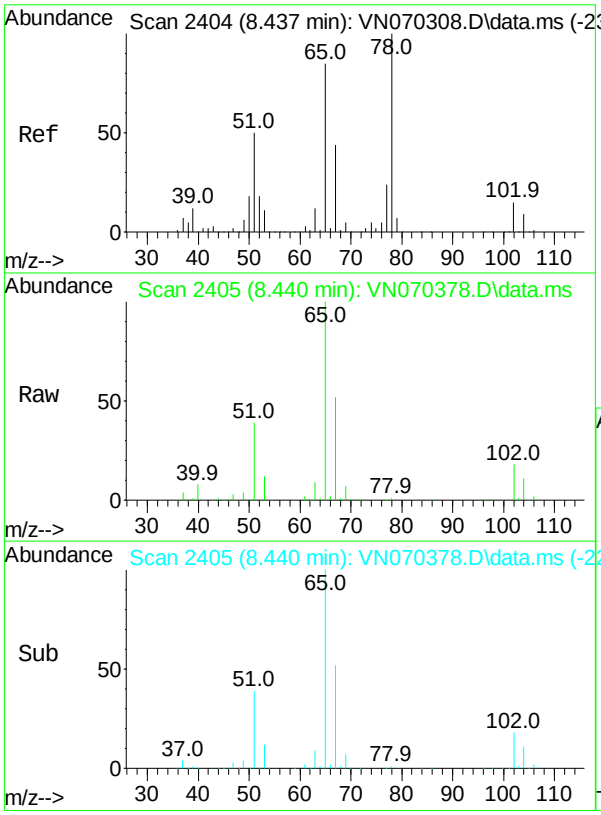


#27
cis-1,2-Dichloroethene
Concen: 8.042 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Tgt Ion: 96 Resp: 90267

Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	275.0
98	65.0	0.0	129.6



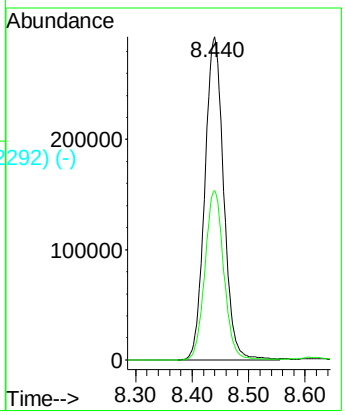


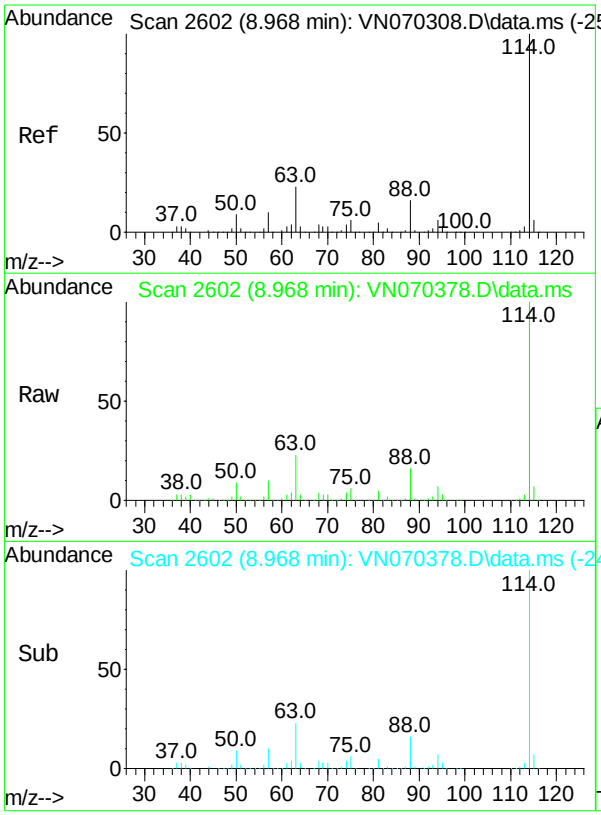
#33
1,2-Dichloroethane-d4
Concen: 54.215 ug/l
RT: 8.440 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion: 65 Resp: 679976

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.0

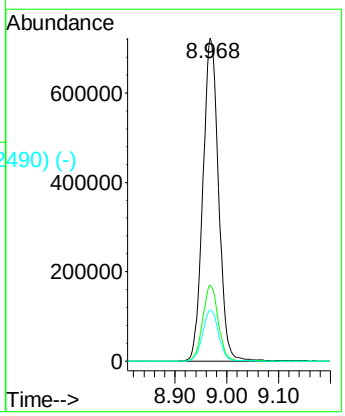


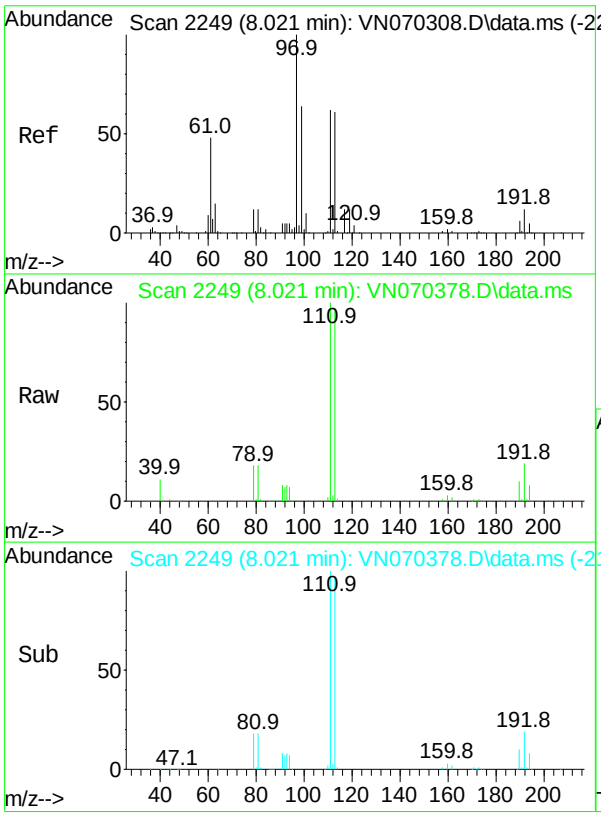


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Tgt Ion:114 Resp: 1518595

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	37.8
88	15.8	0.0	27.4



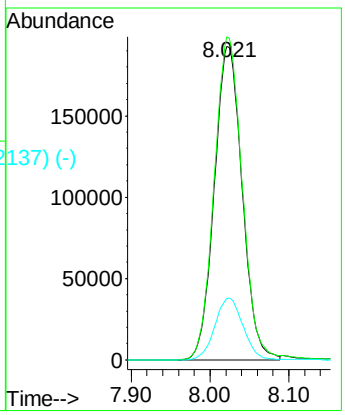


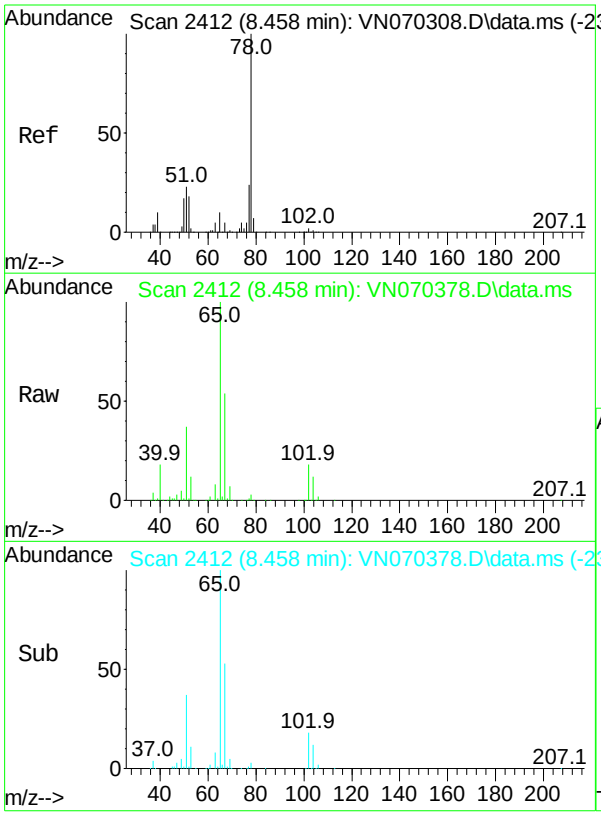
#35
Dibromofluoromethane
Concen: 51.545 ug/l
RT: 8.021 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion:113 Resp: 473609

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.2
192	19.9	16.9	25.3

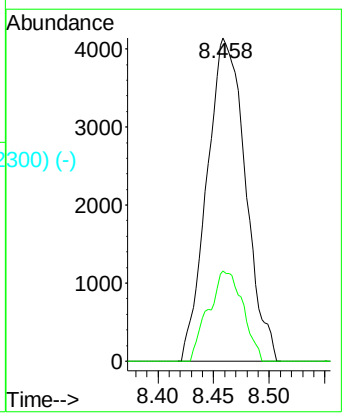


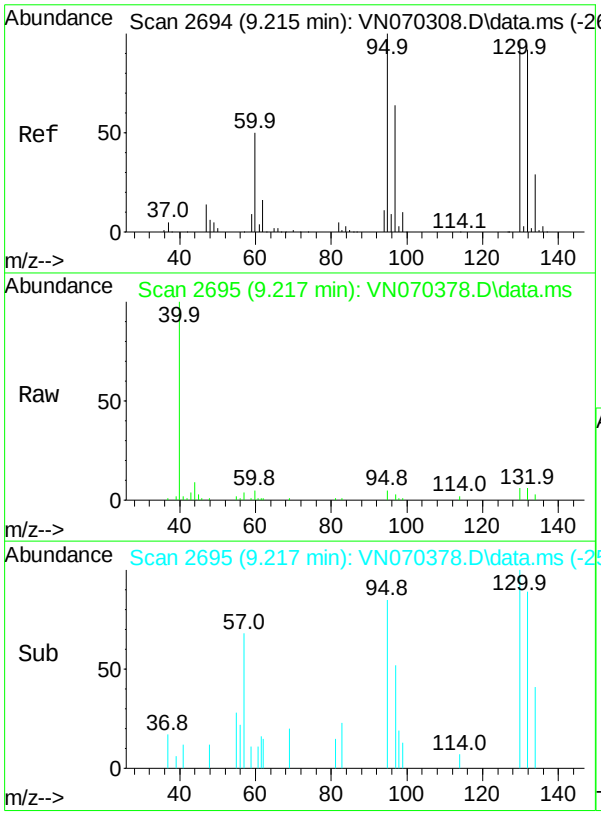


#40
Benzene
Concen: 0.214 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Tgt Ion: 78 Resp: 9975

Ion	Ratio	Lower	Upper
78	100		
77	28.0	18.6	27.8#



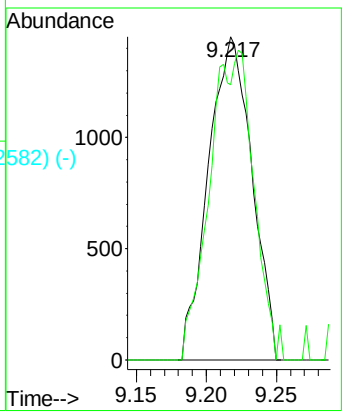


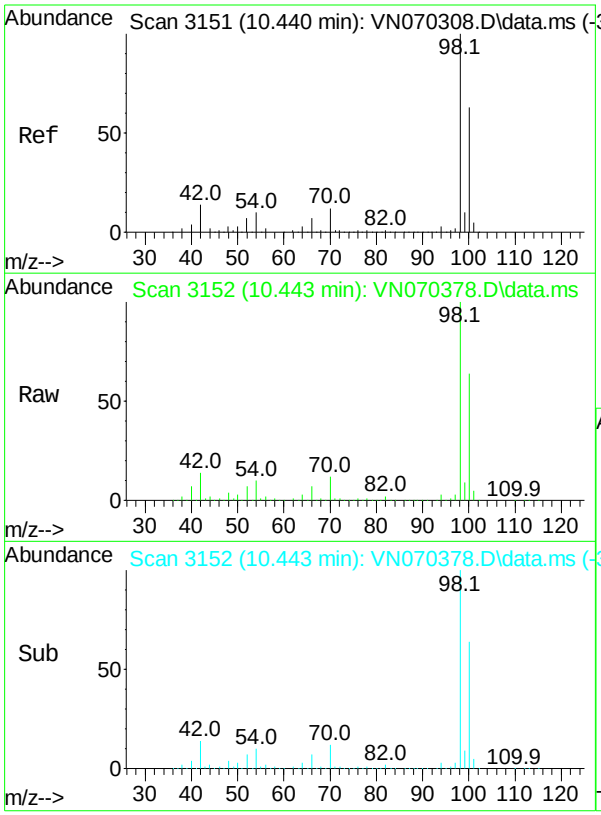
#44
Trichloroethene
Concen: 0.283 ug/l
RT: 9.217 min Scan# 2
Delta R.T. 0.002 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion:130 Resp: 3130

Ion	Ratio	Lower	Upper
130	100		
95	85.1	0.0	191.2

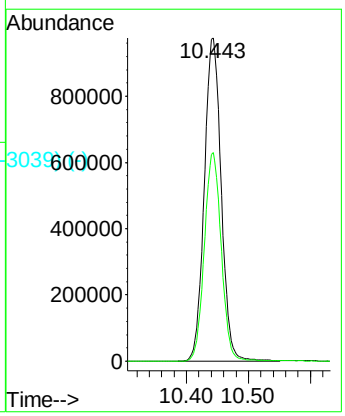


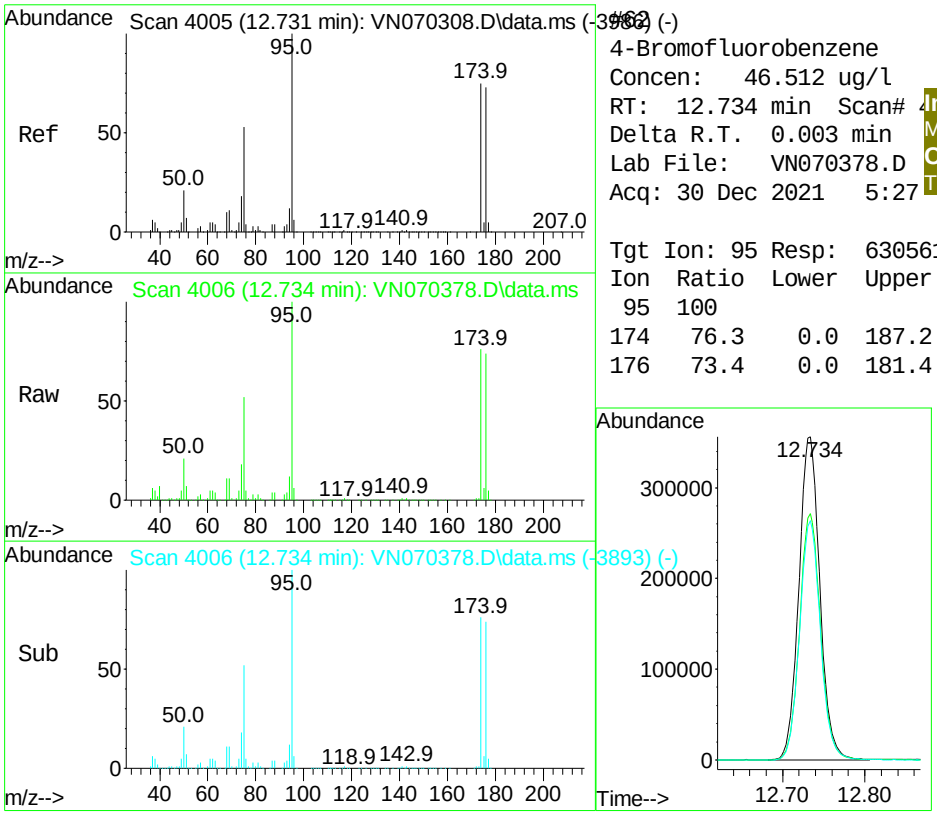


#50
Toluene-d8
Concen: 49.159 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Tgt Ion: 98 Resp: 1845190

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.4	75.6



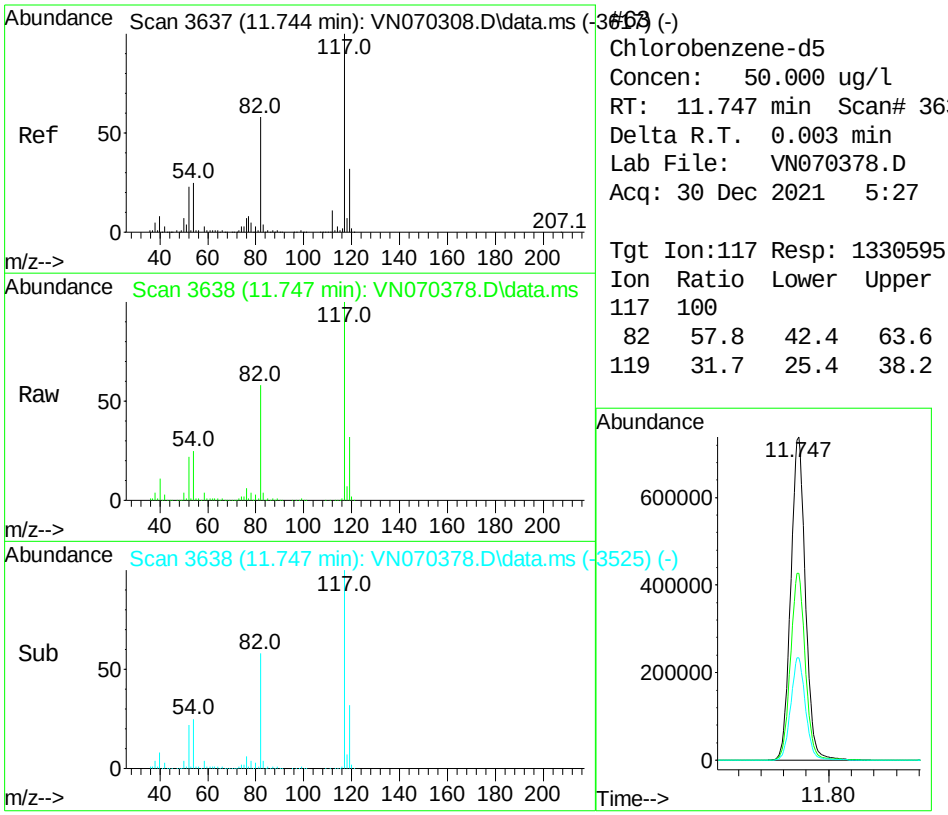


#62
4-Bromofluorobenzene
Concen: 46.512 ug/l
RT: 12.734 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion: 95 Resp: 630561

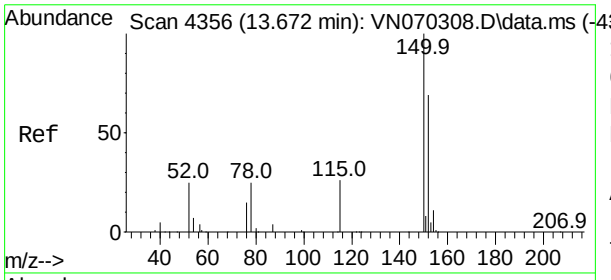
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	187.2
176	73.4	0.0	181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Tgt Ion:117 Resp: 1330595

Ion	Ratio	Lower	Upper
117	100		
82	57.8	42.4	63.6
119	31.7	25.4	38.2



#372
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN070378.D
Acq: 30 Dec 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10RE

Tgt Ion:152 Resp: 438003

Ion	Ratio	Lower	Upper
152	100		
115	61.1	27.5	82.5
150	157.2	0.0	344.4