Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076732.D
Acq On : 17 Feb 2023 14:05
Operator : JC\MD
Sample : VN0217WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Quant Time: Feb 18 02:07:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Feb 16 01:08:46 2023
Response via : Initial Calibration

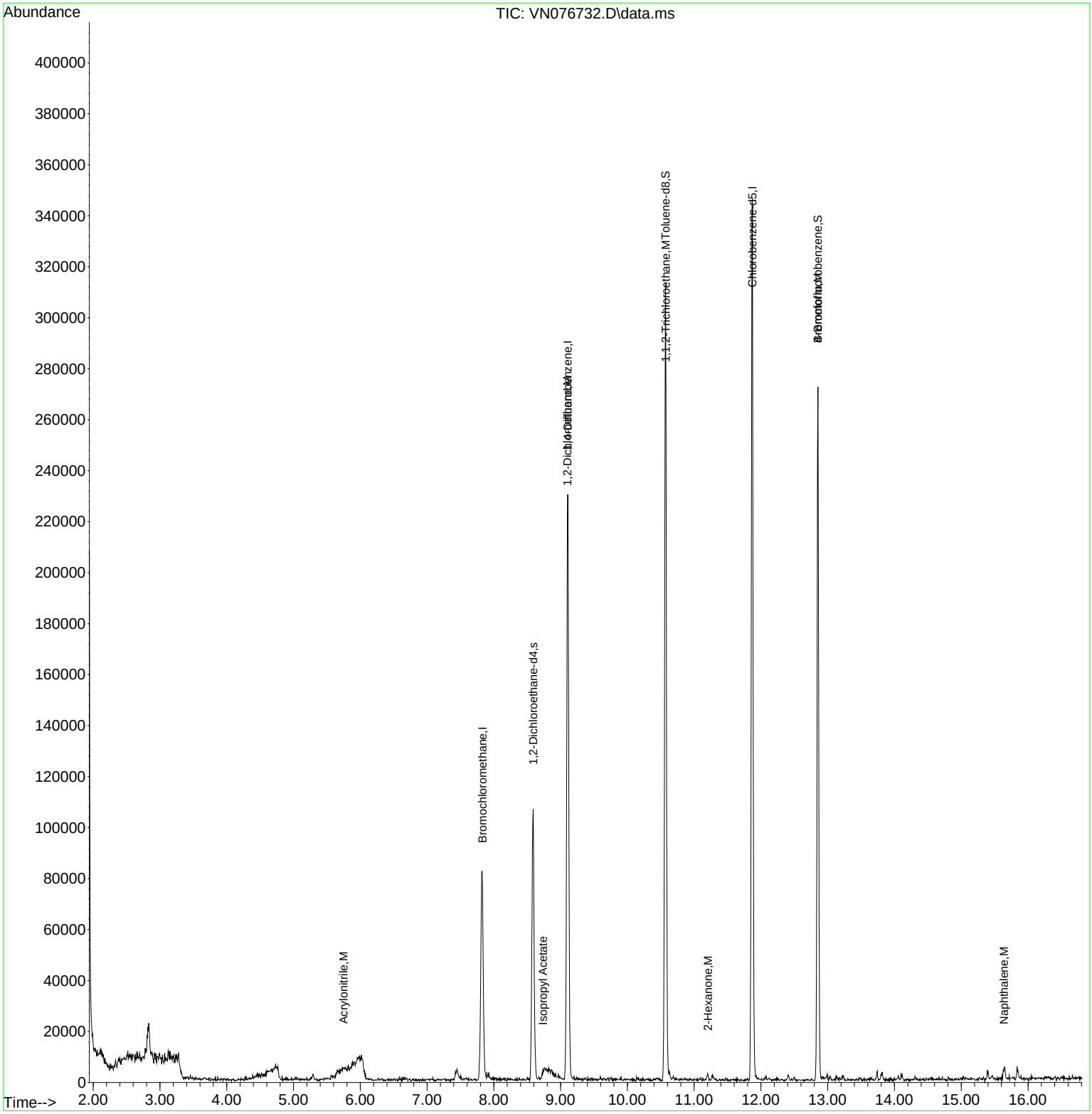
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.831	128	27415	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	9.107	114	189425	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	188611	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	80314	32.031	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.767%			
60) 4-Bromofluorobenzene	12.854	95	84727	25.397	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.667%			
63) Toluene-d8	10.572	98	205136	31.051	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.500%			
Target Compounds						Qvalue
14) Acrylonitrile	5.748	53	828	0.486	ug/l	90
36) 1,2-Dichloroethane	9.101	62	8573	1.857	ug/l #	75
44) Isopropyl Acetate	8.736	43	2002	0.253	ug/l #	51
50) 1,1,2-Trichloroethane	10.577	97	7393	2.224	ug/l #	1
56) Bromoform	12.854	173	1162	0.494	ug/l #	1
59) 2-Hexanone	11.207	43	1648	0.494	ug/l #	83
91) Naphthalene	15.642	128	3331	0.331	ug/l #	87

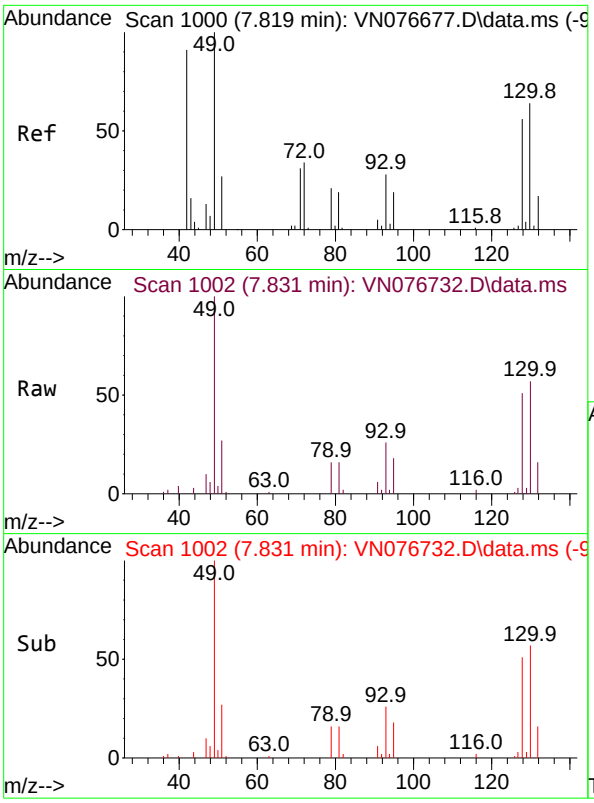
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076732.D
Acq On : 17 Feb 2023 14:05
Operator : JC\MD
Sample : VN0217WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Quant Time: Feb 18 02:07:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Feb 16 01:08:46 2023
Response via : Initial Calibration



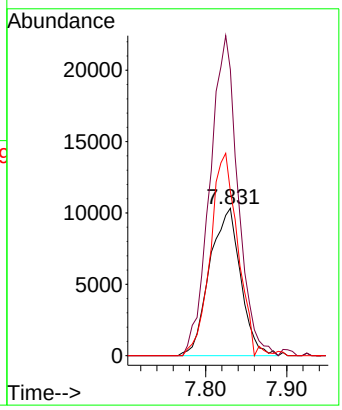


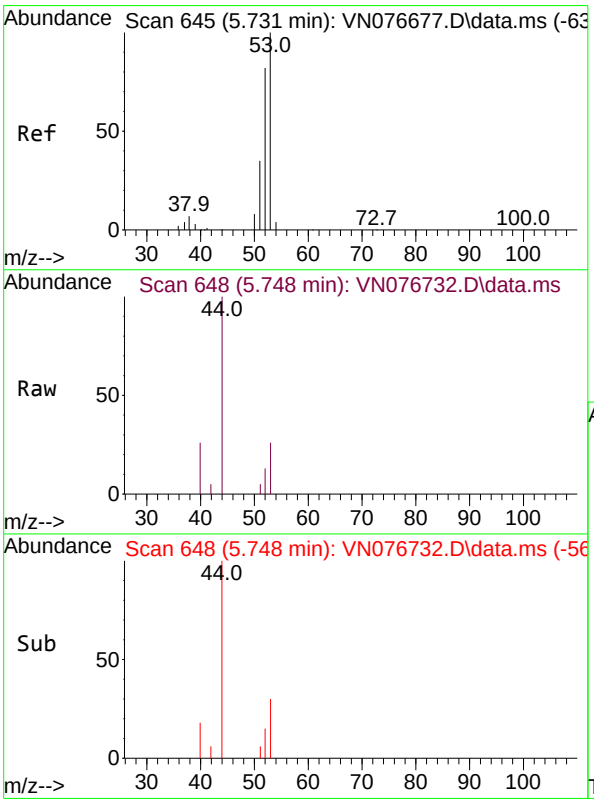
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.831 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Tgt Ion:128 Resp: 27415

Ion	Ratio	Lower	Upper
128	100		
49	196.7	0.0	461.8
130	119.5	0.0	295.3

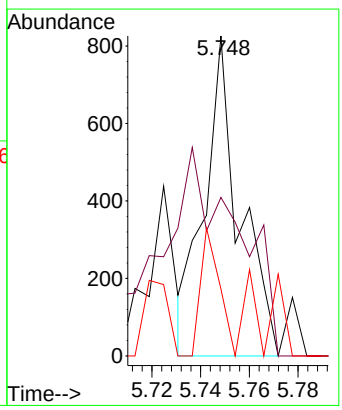


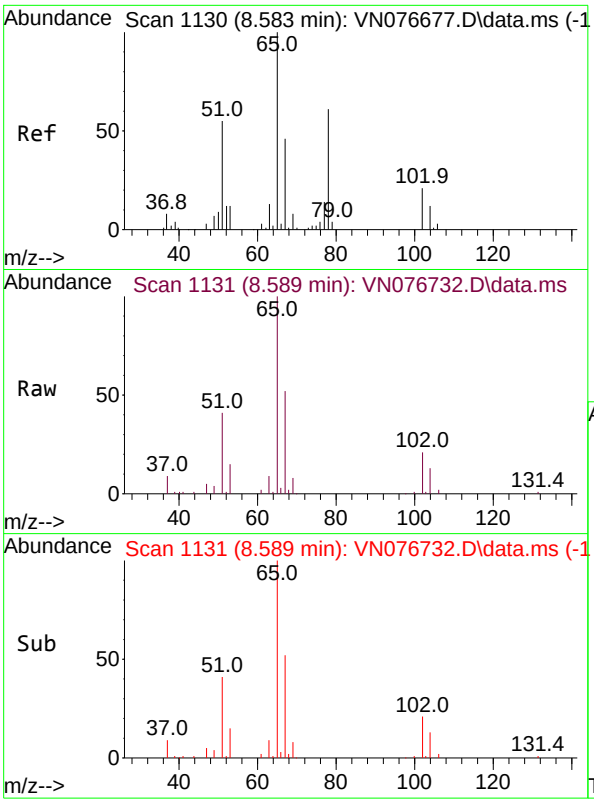


#14
Acrylonitrile
Concen: 0.486 ug/l
RT: 5.748 min Scan# 648
Delta R.T. 0.018 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Tgt Ion: 53 Resp: 828

Ion	Ratio	Lower	Upper
53	100		
52	86.5	41.5	124.6
51	21.5	17.6	52.8



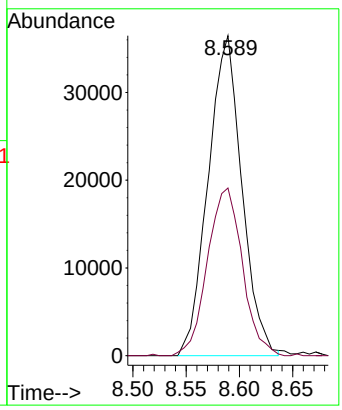


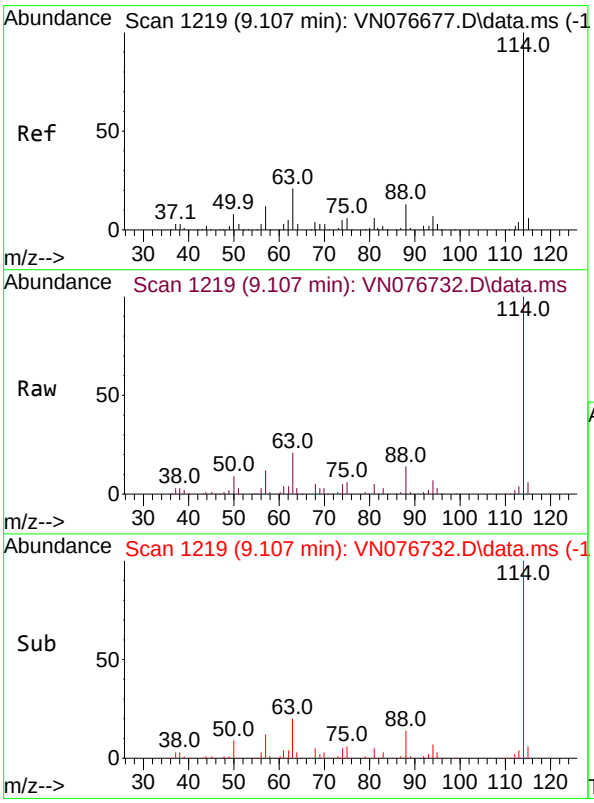
#27
1,2-Dichloroethane-d4
Concen: 32.031 ug/l
RT: 8.589 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Tgt Ion: 65 Resp: 80314

Ion	Ratio	Lower	Upper
65	100		
67	54.2	40.9	61.3

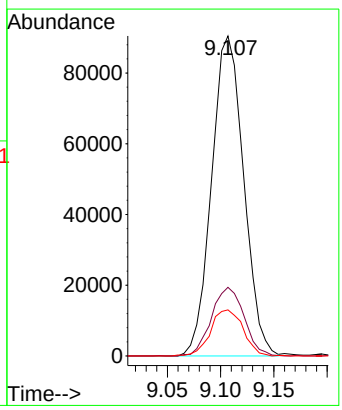


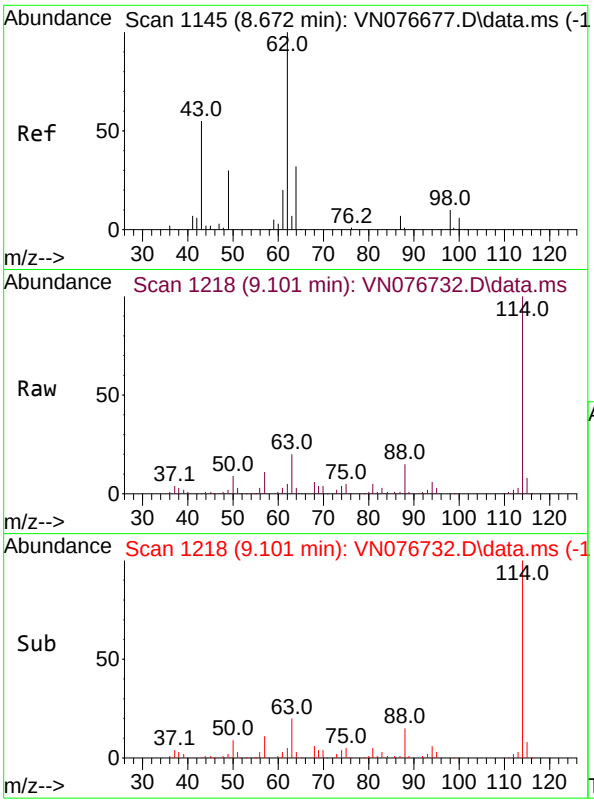


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Tgt Ion:114 Resp: 189425

Ion	Ratio	Lower	Upper
114	100		
63	21.8	17.0	25.4
88	14.6	11.6	17.4



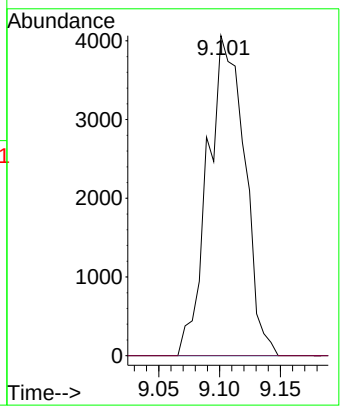


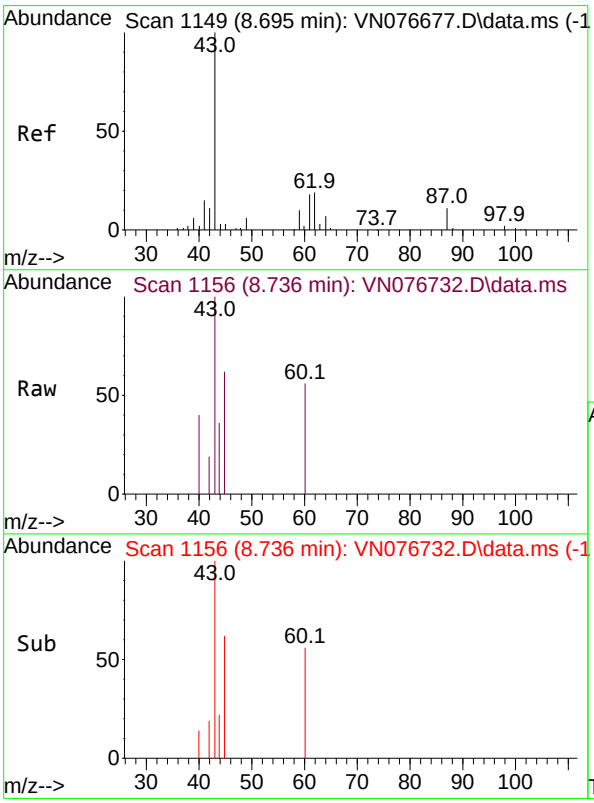
#36
1,2-Dichloroethane
Concen: 1.857 ug/l
RT: 9.101 min Scan# 1
Delta R.T. 0.429 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Tgt Ion: 62 Resp: 8573

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

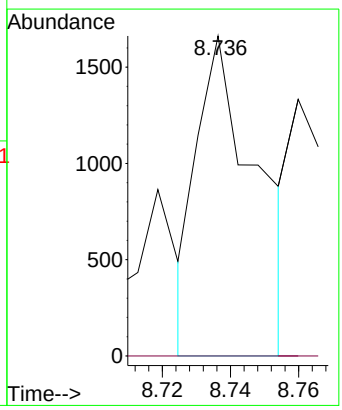


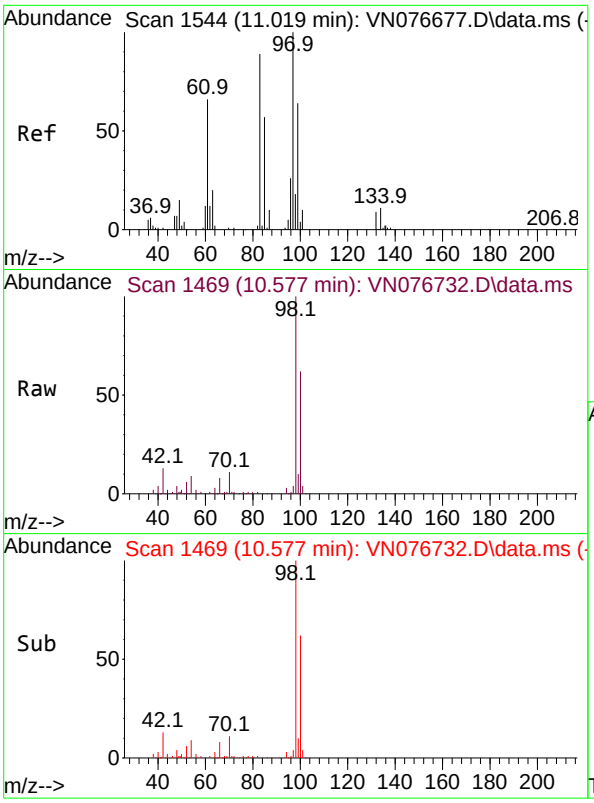


#44
Isopropyl Acetate
Concen: 0.253 ug/l
RT: 8.736 min Scan# 1156
Delta R.T. 0.041 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Tgt Ion: 43 Resp: 2002

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.5	29.3#



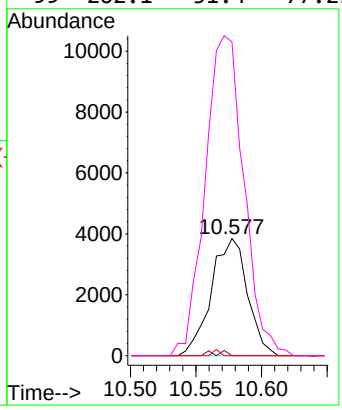


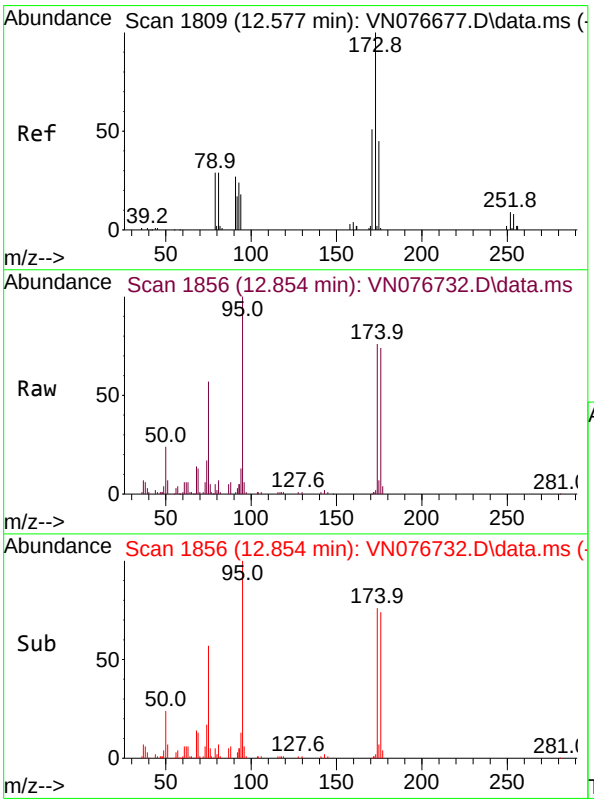
#50
1,1,2-Trichloroethane
Concen: 2.224 ug/l
RT: 10.577 min Scan# 14
Delta R.T. -0.441 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Tgt Ion: 97 Resp: 7393

Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.0	106.4#
85	0.0	45.5	68.3#
99	262.1	51.4	77.2#

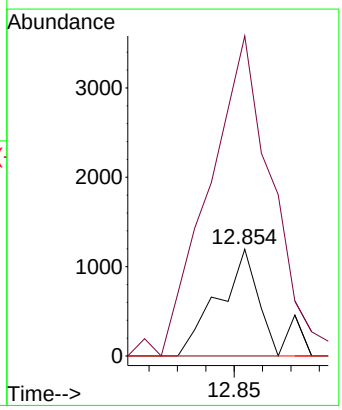


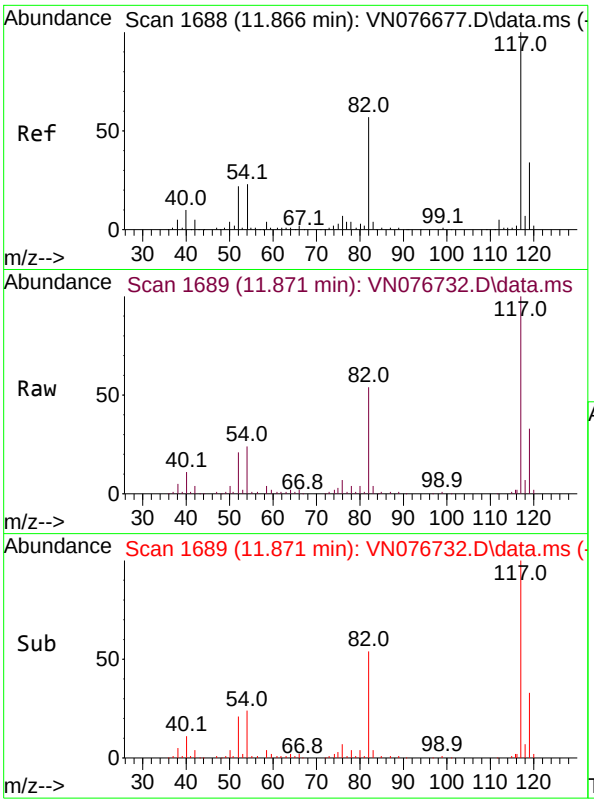


#56
Bromoform
Concen: 0.494 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.276 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Tgt Ion:173 Resp: 1162

Ion	Ratio	Lower	Upper
173	100		
175	472.4	37.8	56.6#
254	0.0	7.3	10.9#



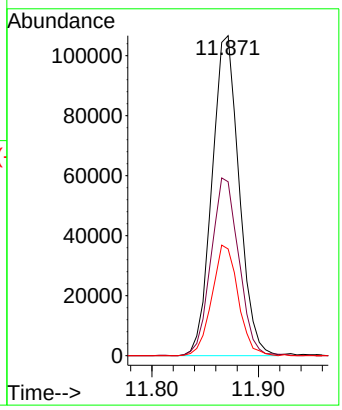


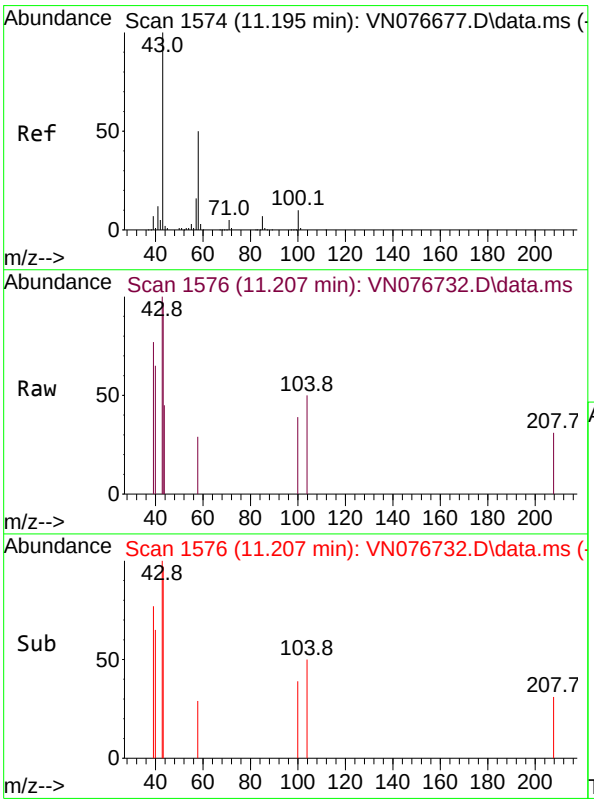
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Tgt Ion:117 Resp: 188611

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.4	68.0
119	33.4	26.8	40.2

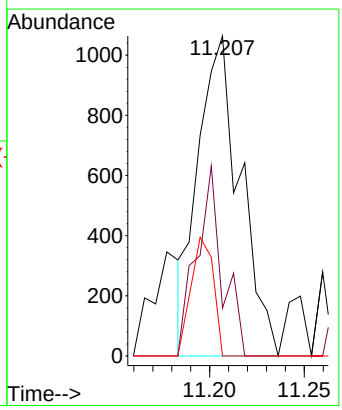


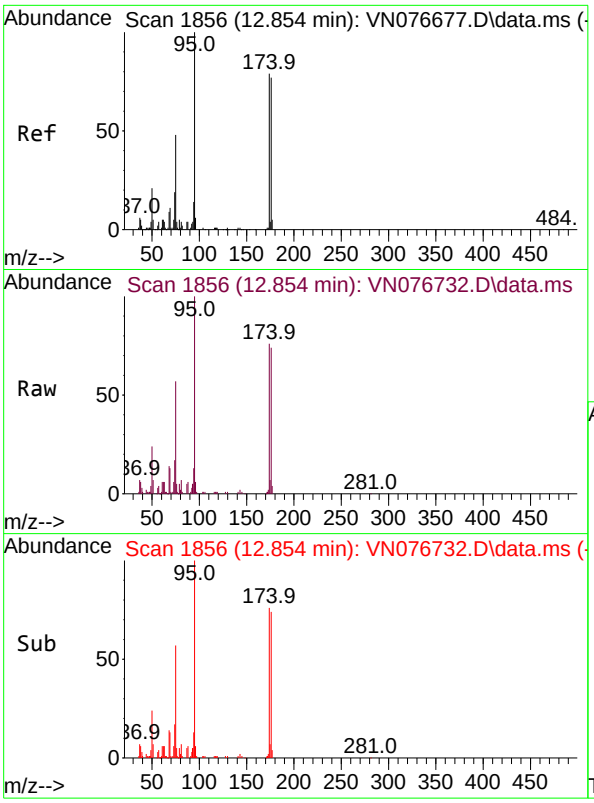


#59
2-Hexanone
Concen: 0.494 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.012 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Tgt Ion: 43 Resp: 1648

Ion	Ratio	Lower	Upper
43	100		
58	36.4	40.6	60.8#
57	19.7	13.1	19.7



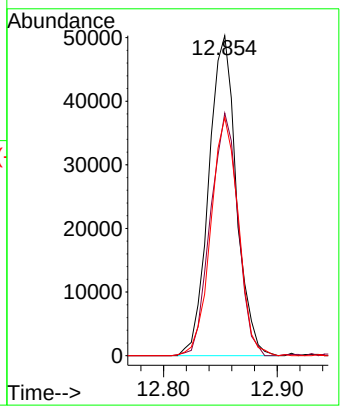


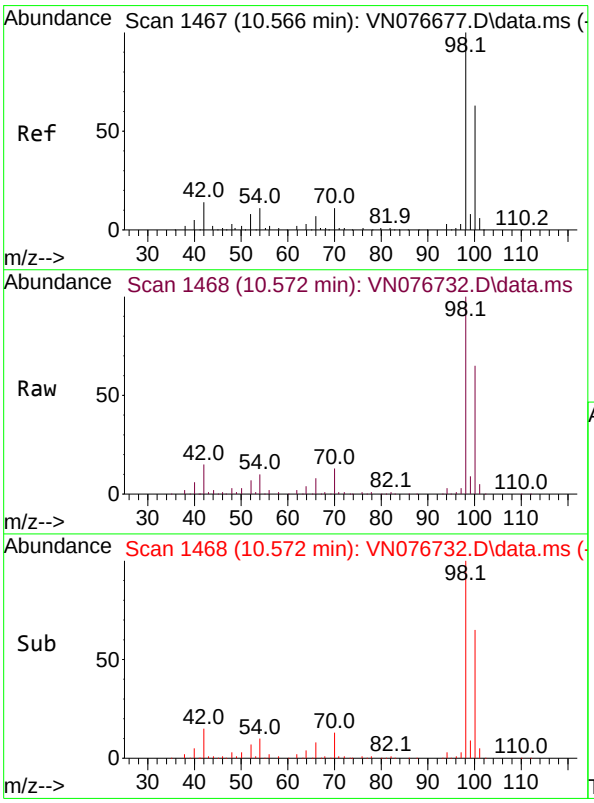
#60
4-Bromofluorobenzene
Concen: 25.397 ug/l
RT: 12.854 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Tgt Ion: 95 Resp: 84727

Ion	Ratio	Lower	Upper
95	100		
174	75.8	64.2	96.4
176	74.4	61.4	92.0

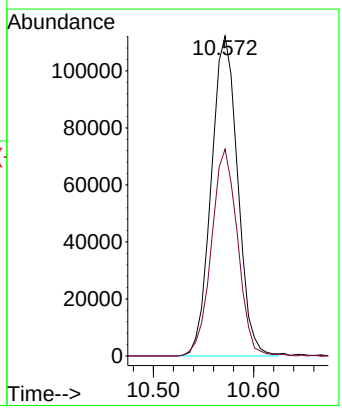


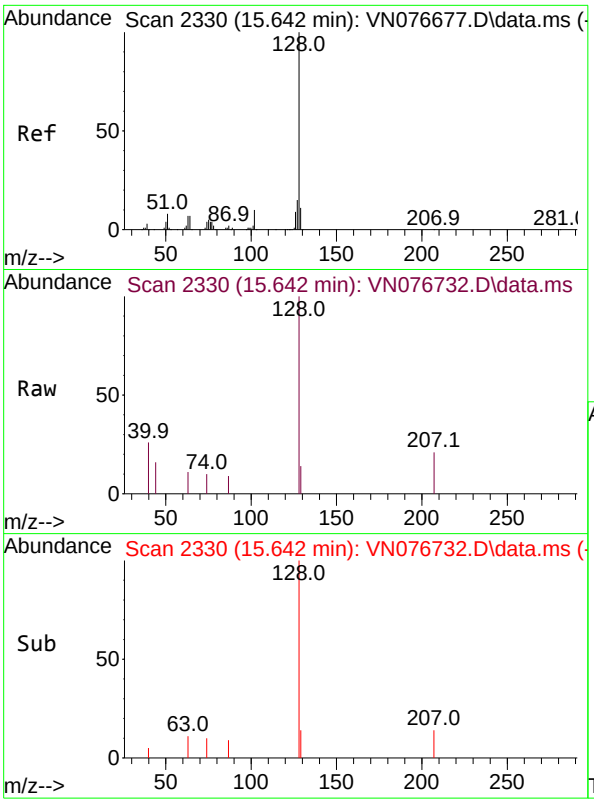


#63
Toluene-d8
Concen: 31.051 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Tgt Ion: 98 Resp: 205136

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.8	80.6





#91
Naphthalene
Concen: 0.331 ug/l
RT: 15.642 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN076732.D
Acq: 17 Feb 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

Tgt Ion:128 Resp: 3331

Ion	Ratio	Lower	Upper
128	100		
127	5.3	11.0	16.6#
129	12.3	8.9	13.3