Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
Data File : VN072793.D
Acq On : 11 Jun 2022 17:19
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 13 01:20:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.663	128	30765	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	8.963	114	181001	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	156670	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	113986	32.487	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.300%			
60) 4-Bromofluorobenzene	12.733	95	81426	25.269	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.233%			
63) Toluene-d8	10.439	98	268532	30.941	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.133%			
Target Compounds						Qvalue
13) Acrolein	4.063	56	116	0.316	ug/l #	14
15) Acetone	4.287	58	348	0.752	ug/l #	1
23) tert-Butyl Alcohol	5.363	59	344	0.432	ug/l #	100
30) 2-Butanone	7.322	43	682	0.273	ug/l #	53
50) 1,1,2-Trichloroethane	10.445	97	8225	3.022	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.727	75	48961	33.160	ug/l #	8
91) Naphthalene	15.498	128	10817	1.288	ug/l #	81

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

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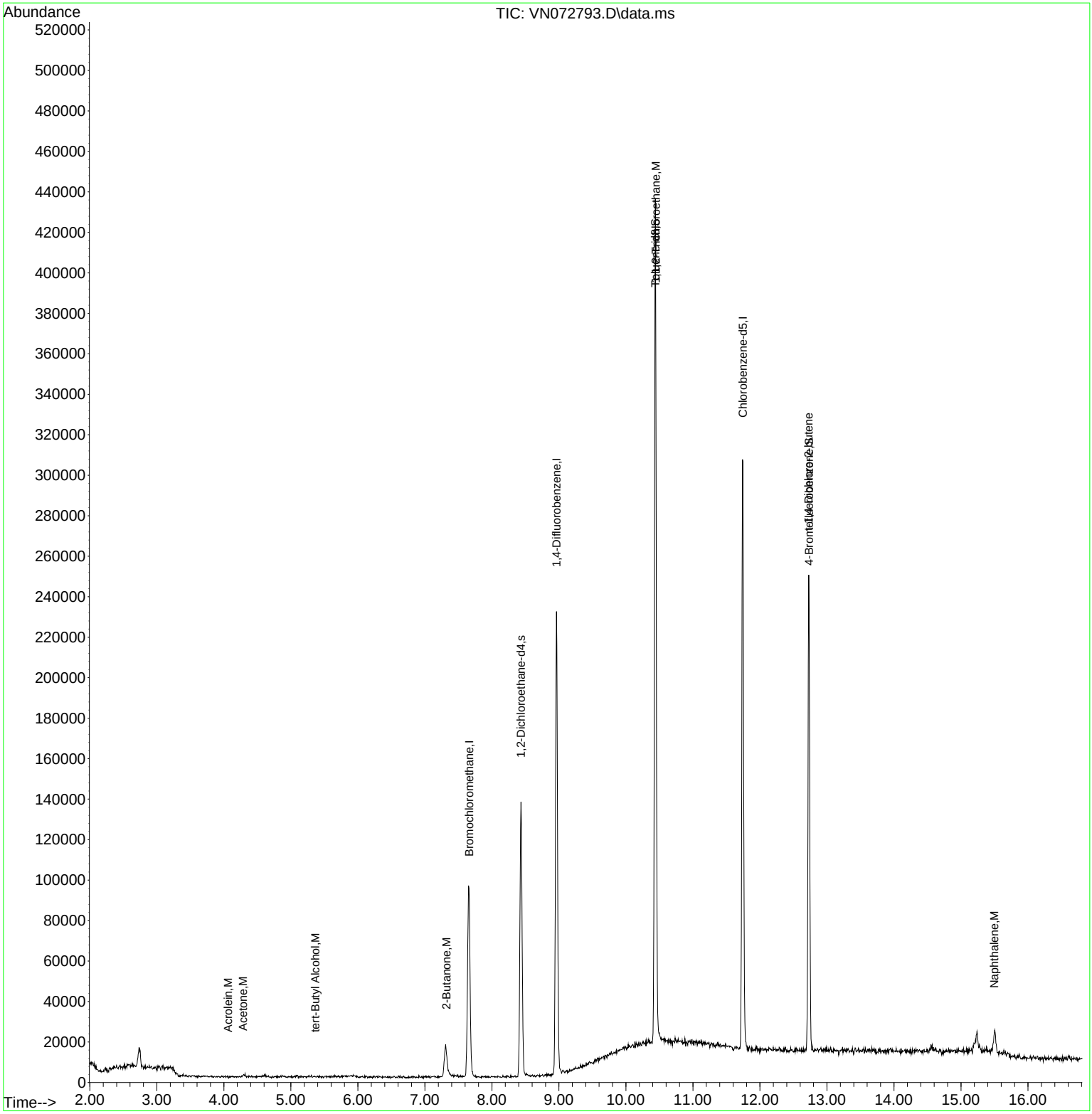
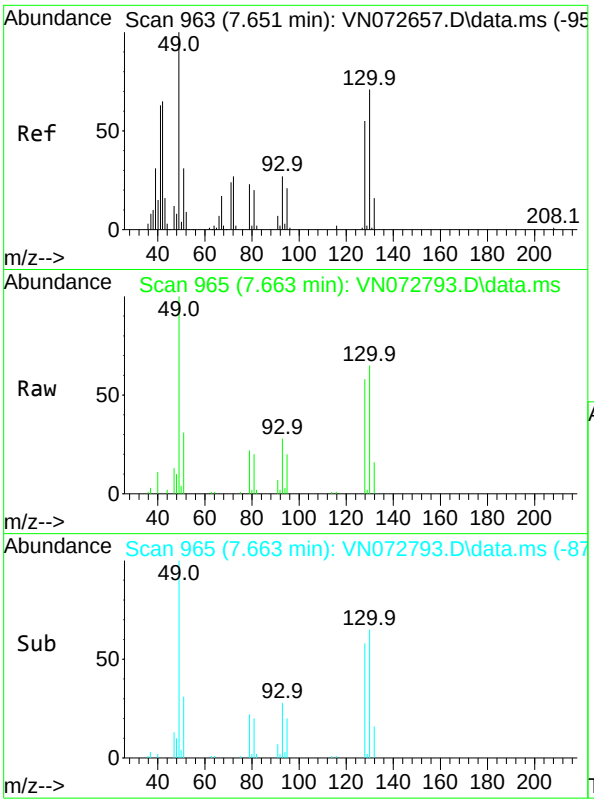


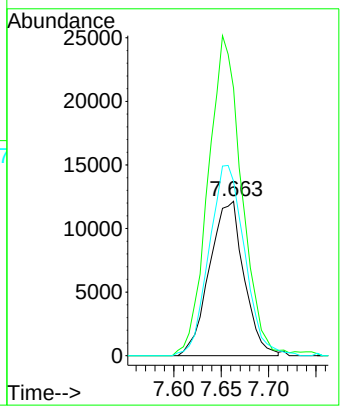


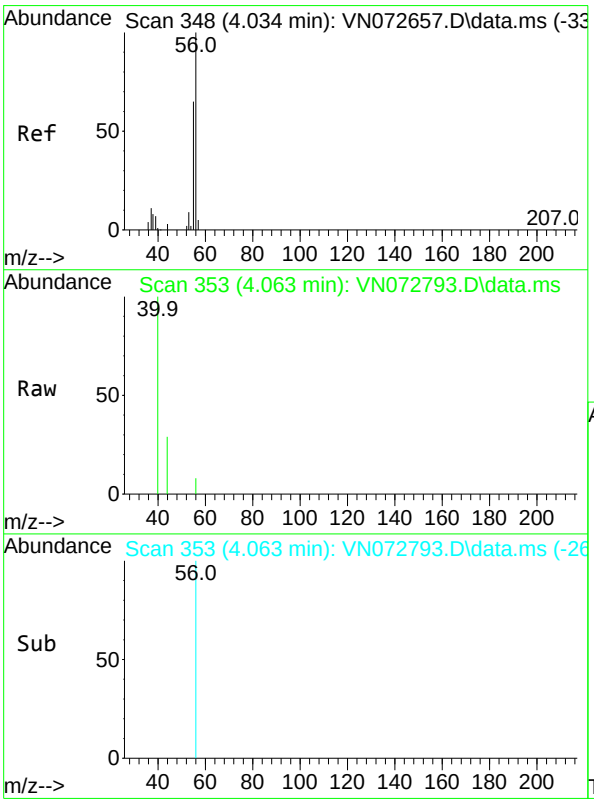
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.663 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 30765

Ion	Ratio	Lower	Upper
128	100		
49	200.1	0.0	392.3
130	126.8	0.0	320.2

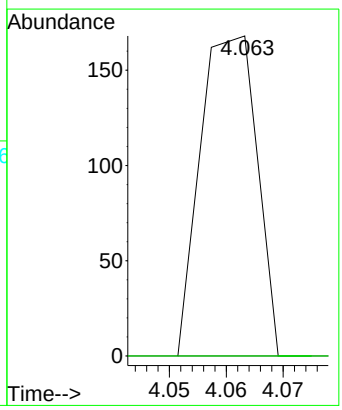


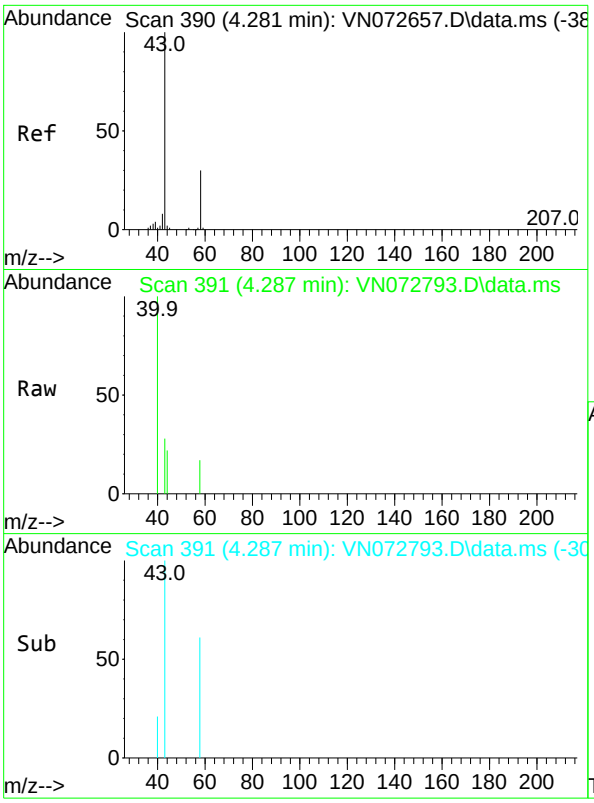


#13
Acrolein
Concen: 0.316 ug/l
RT: 4.063 min Scan# 353
Delta R.T. 0.030 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 56 Resp: 116

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#



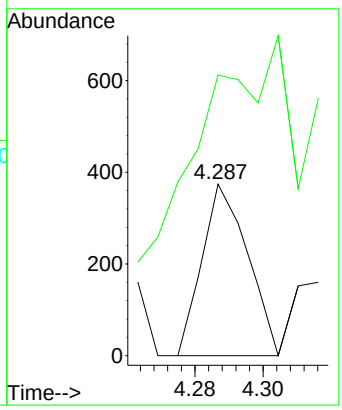


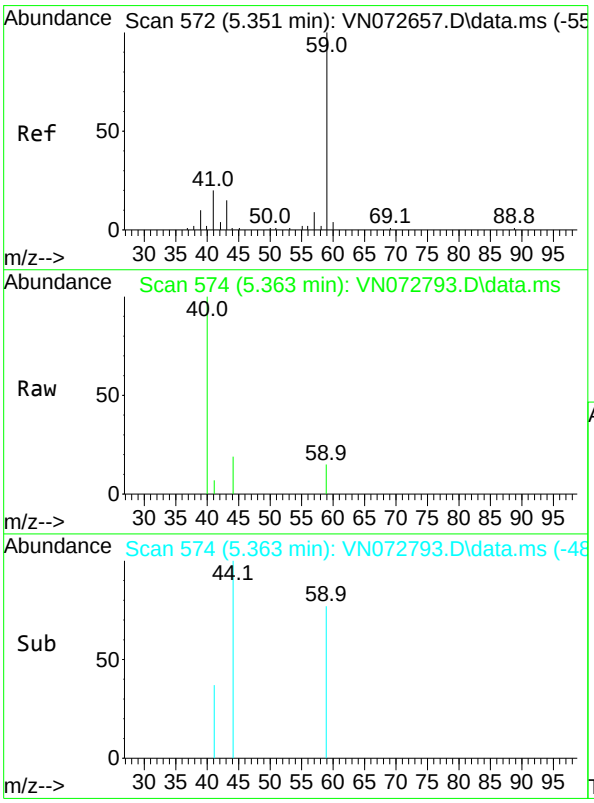
#15
Acetone
Concen: 0.752 ug/l
RT: 4.287 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 58 Resp: 348

Ion	Ratio	Lower	Upper
58	100		
43	62.3	256.6	384.8#

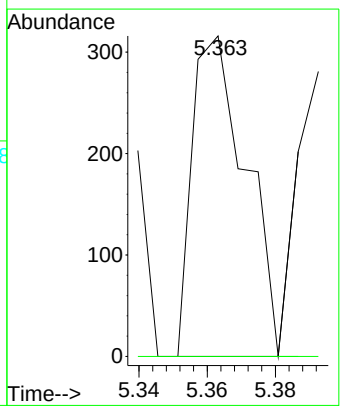


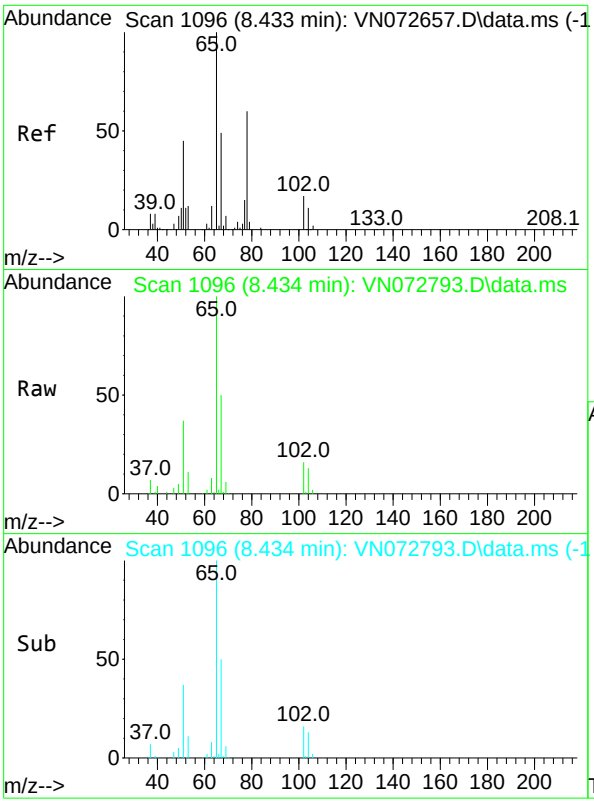


#23
tert-Butyl Alcohol
Concen: 0.432 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.012 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 59 Resp: 344

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



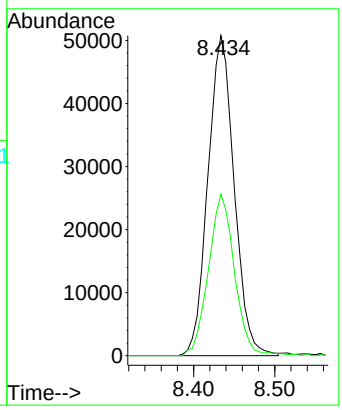


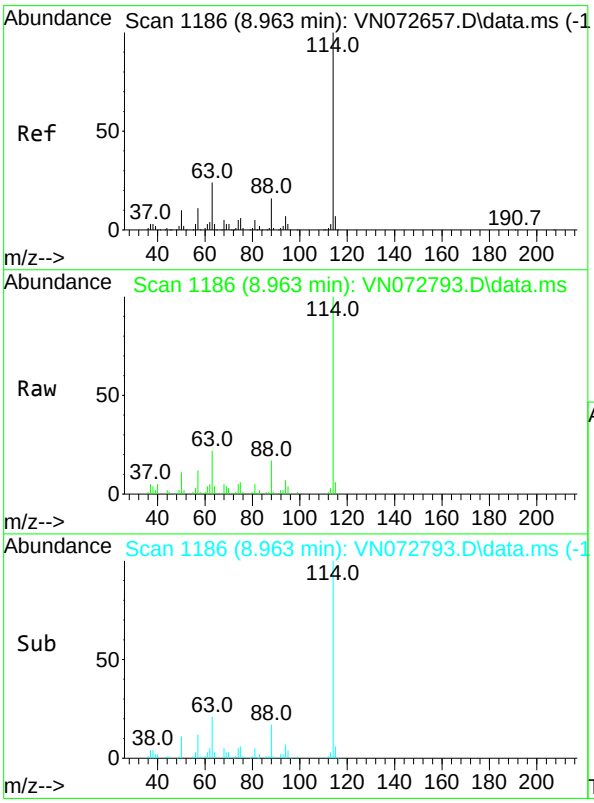
#27
1,2-Dichloroethane-d4
Concen: 32.487 ug/l
RT: 8.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 113986

Ion	Ratio	Lower	Upper
65	100		
67	49.4	40.2	60.2

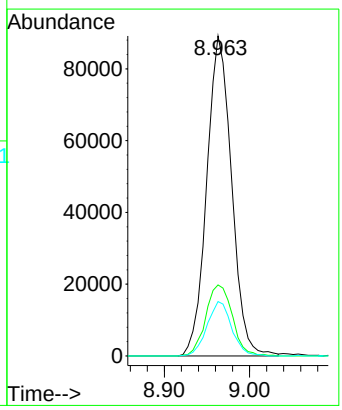


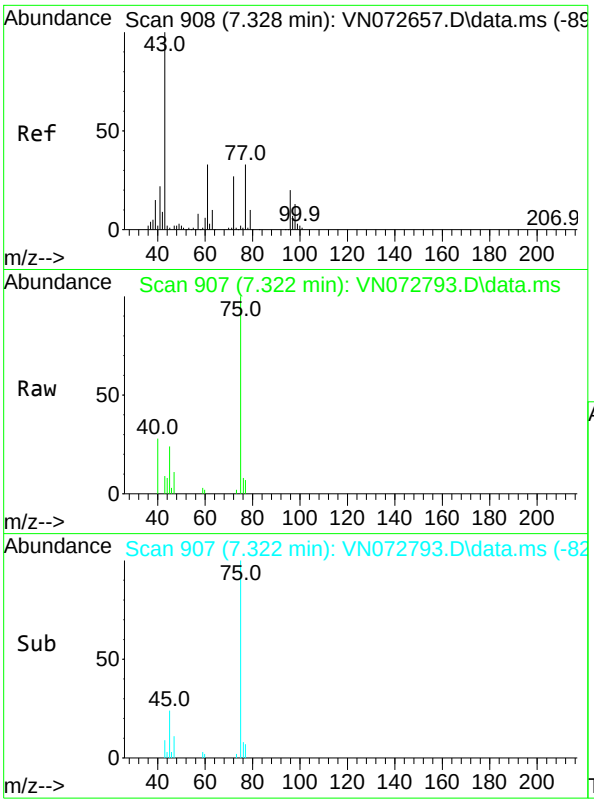


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion:114 Resp: 181001

Ion	Ratio	Lower	Upper
114	100		
63	23.8	15.8	23.6#
88	16.9	11.6	17.4



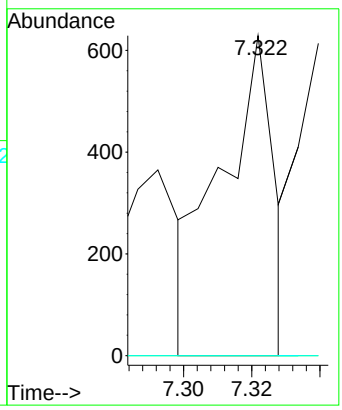


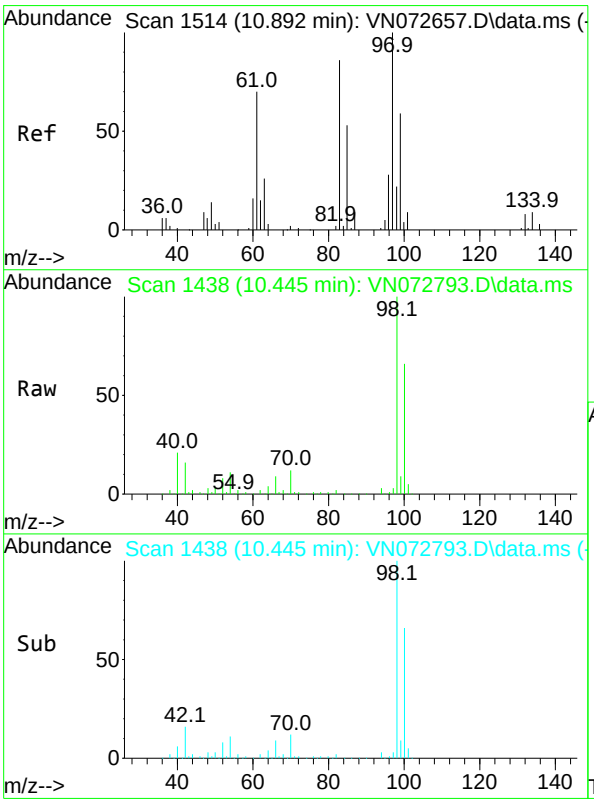
#30
2-Butanone
Concen: 0.273 ug/l
RT: 7.322 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 682

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.7	10.1#
72	0.0	23.2	34.8#

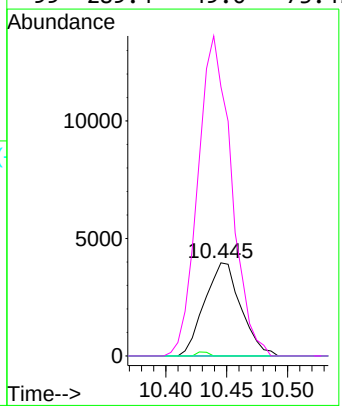


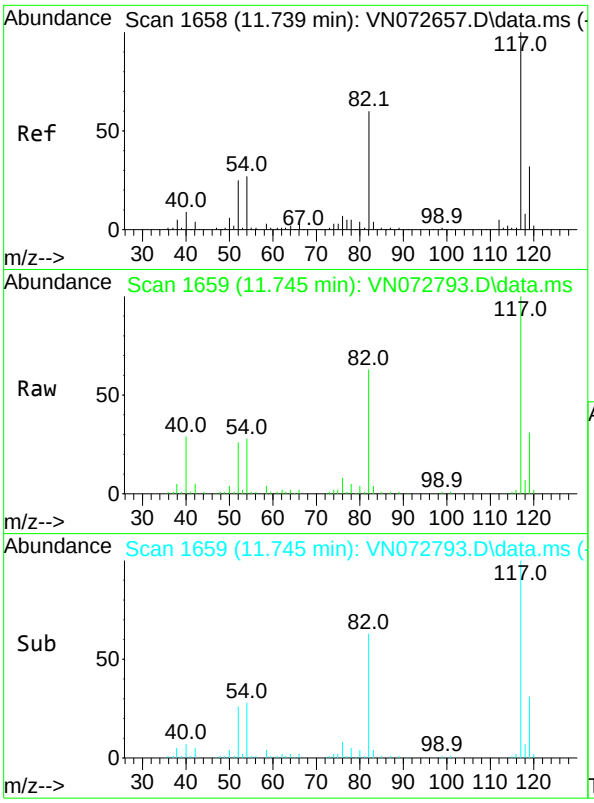


#50
1,1,2-Trichloroethane
Concen: 3.022 ug/l
RT: 10.445 min Scan# 1438
Delta R.T. -0.447 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 97 Resp: 8225

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.2	100.8#
85	0.0	43.0	64.4#
99	289.4	49.0	73.4#



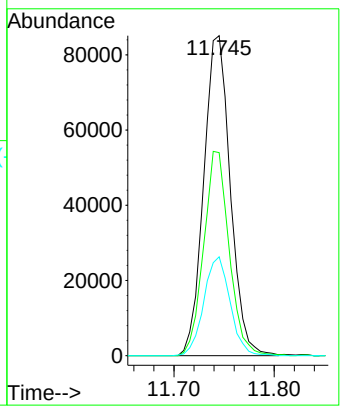


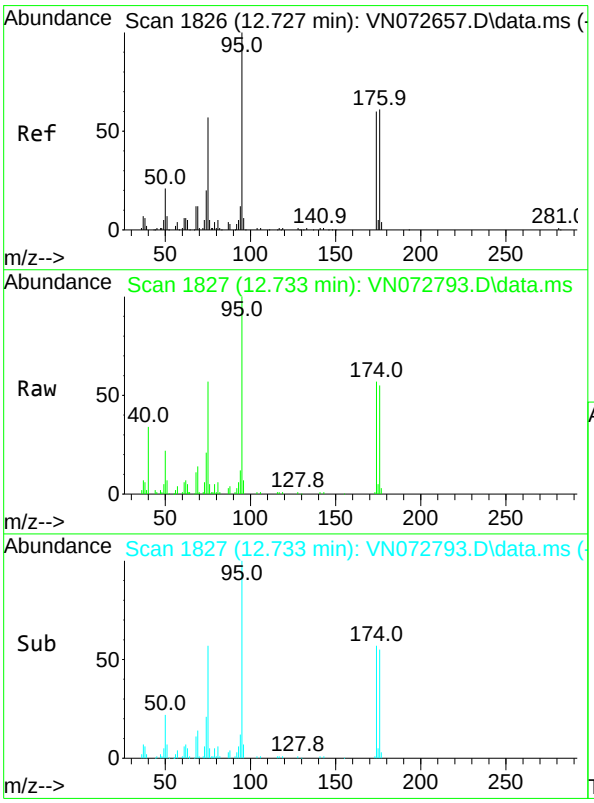
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 156670

Ion	Ratio	Lower	Upper
117	100		
82	61.4	43.6	65.4
119	30.6	25.8	38.6

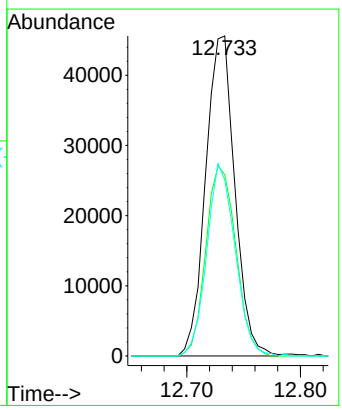


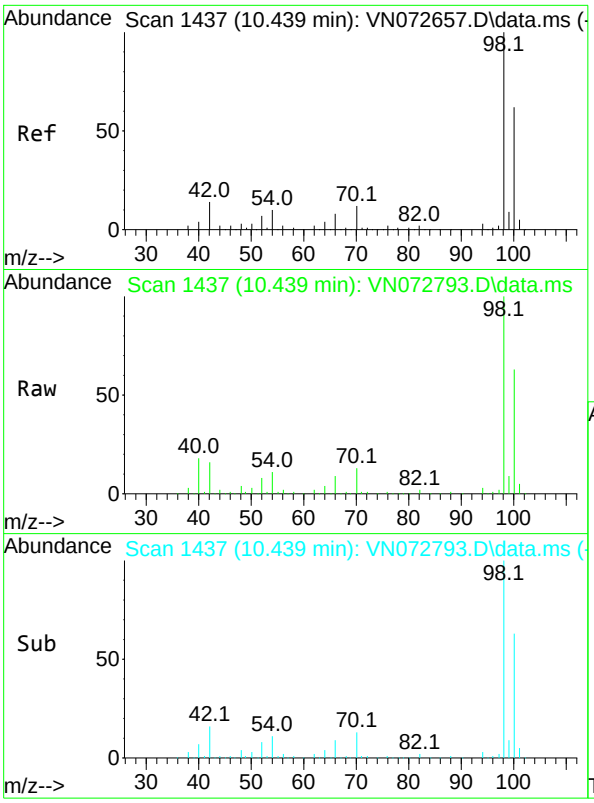


#60
4-Bromofluorobenzene
Concen: 25.269 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 95 Resp: 81426

Ion	Ratio	Lower	Upper
95	100		
174	61.0	62.9	94.3#
176	58.5	61.0	91.4#



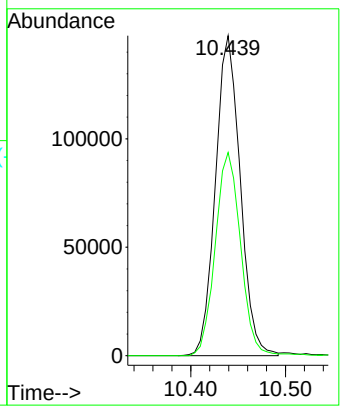


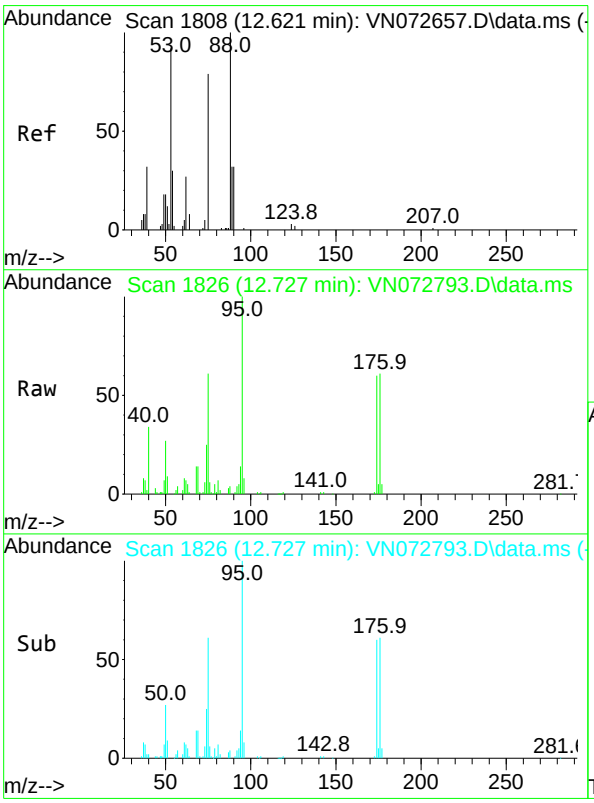
#63
Toluene-d8
Concen: 30.941 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 268532

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.6	76.0

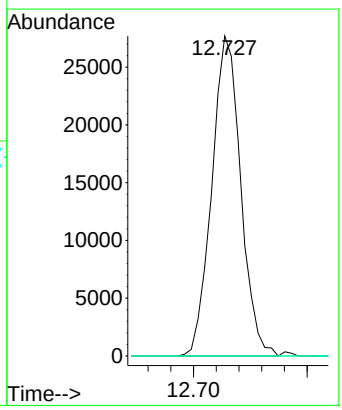


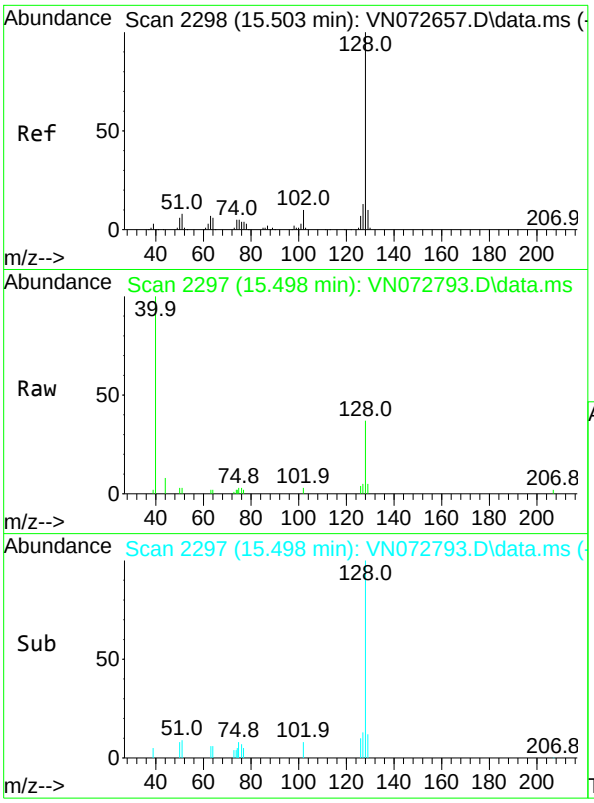


#77
t-1,4-Dichloro-2-butene
Concen: 33.160 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 75 Resp: 48961

Ion	Ratio	Lower	Upper
75	100		
53	0.0	51.8	155.5#
89	0.0	22.9	68.7#





#91
Naphthalene
Concen: 1.288 ug/l
RT: 15.498 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 10817

Ion	Ratio	Lower	Upper
128	100		
127	7.7	10.7	16.1#
129	1.9	9.0	13.6#