Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
Data File : VN069603.D
Acq On : 22 Nov 2021 12:04
Operator : JC/MD
Sample : VN1122WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 23 03:49:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.659	128	205672	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1160626	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	981913	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	565142	31.683	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.600%			
60) 4-Bromofluorobenzene	12.734	95	379764	24.168	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.567%			
63) Toluene-d8	10.443	98	1405296	30.996	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.333%			
Target Compounds						Qvalue
45) 1,4-Dioxane	9.574	88	168	0.559	ug/l #	1
55) 2-Chloroethyl vinyl ether	10.044	63	2806	0.542	ug/l #	61
58) 4-Methyl-2-Pentanone	10.333	43	7020	0.326	ug/l #	68
59) 2-Hexanone	11.095	43	12317	0.751	ug/l #	64
77) t-1,4-Dichloro-2-butene	12.734	75	214042	42.466	ug/l #	8
91) Naphthalene	15.507	128	13295	0.436	ug/l #	80
92) 1,2,3-Trichlorobenzene	15.708	180	4142	0.398	ug/l	26

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

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Misc : 5.00mL/MSVOA_N/WATER
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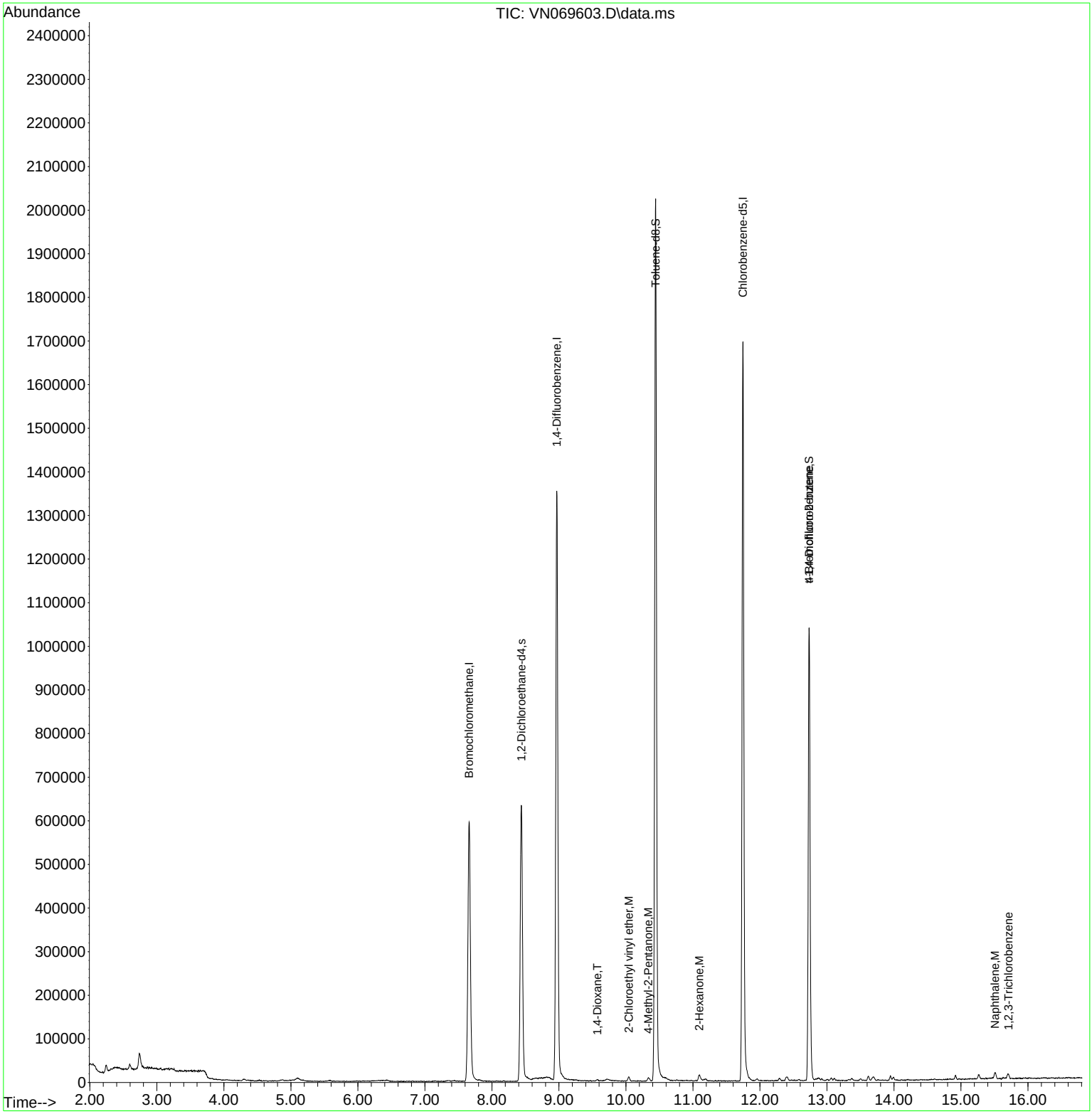
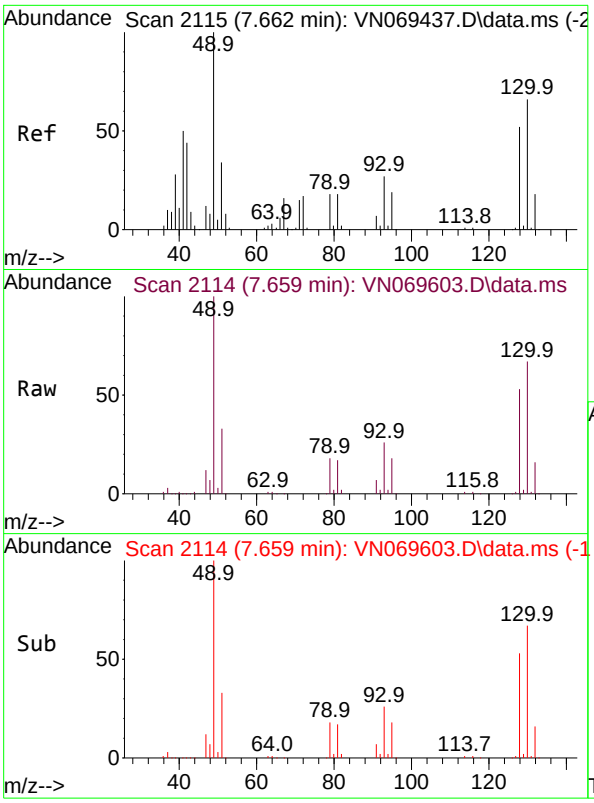


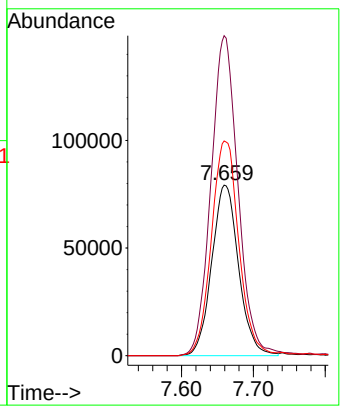


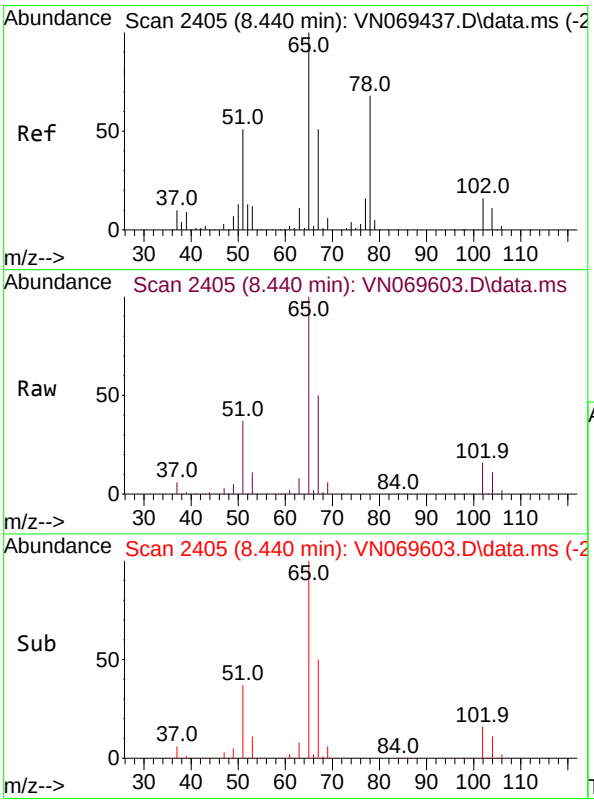
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 205672

Ion	Ratio	Lower	Upper
128	100		
49	189.5	0.0	392.3
130	128.7	0.0	320.2

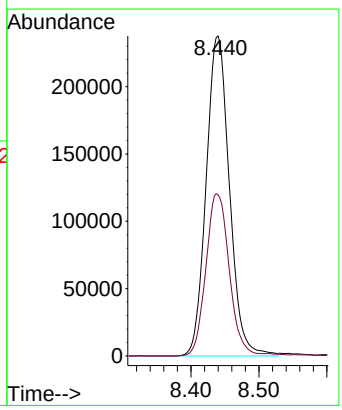


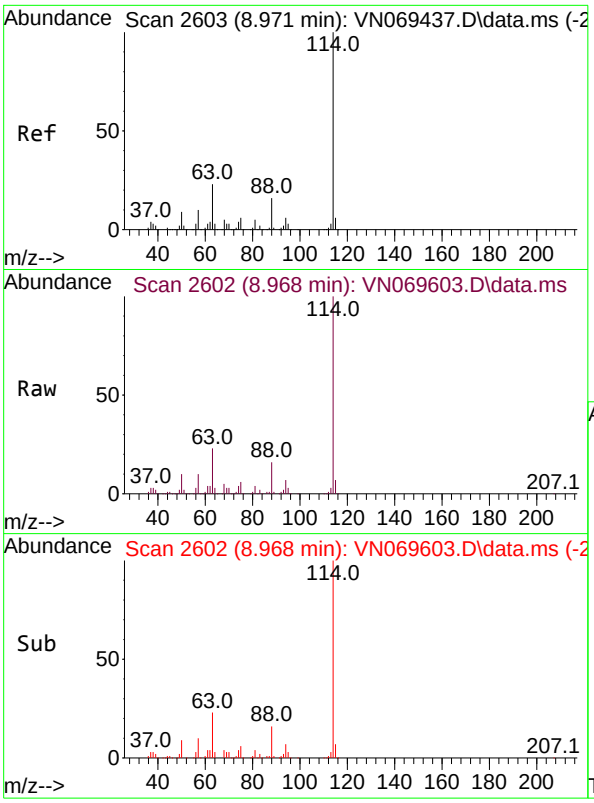


#27
1,2-Dichloroethane-d4
Concen: 31.683 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Tgt Ion: 65 Resp: 565142

Ion	Ratio	Lower	Upper
65	100		
67	50.8	40.2	60.2



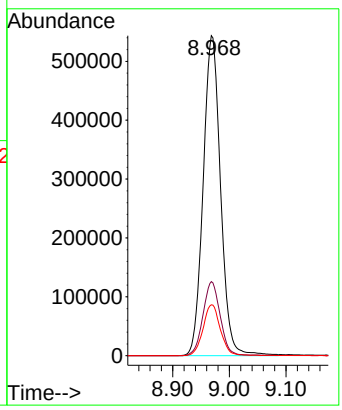


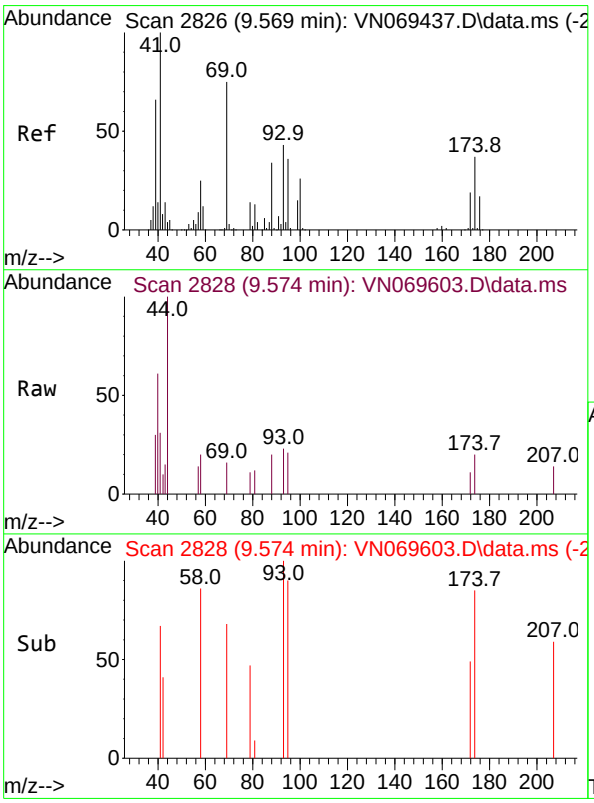
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. -0.002 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 1160626

Ion	Ratio	Lower	Upper
114	100		
63	22.9	15.8	23.6
88	15.8	11.6	17.4

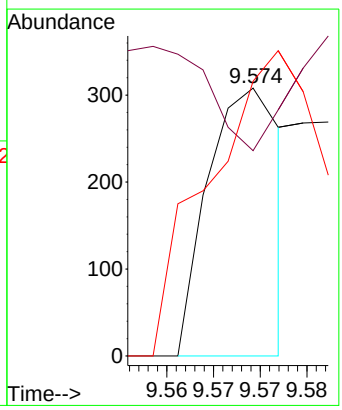


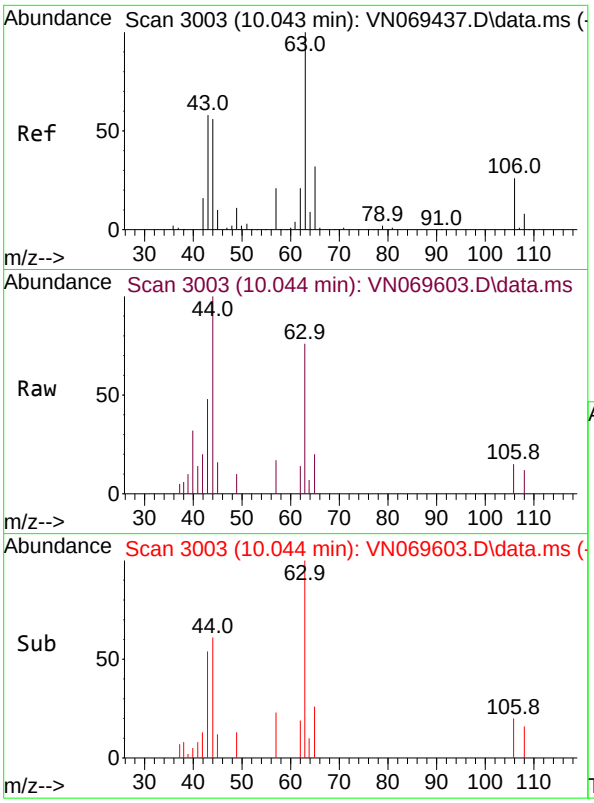


#45
1,4-Dioxane
Concen: 0.559 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.006 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Tgt Ion: 88 Resp: 168

Ion	Ratio	Lower	Upper
88	100		
43	233.9	25.0	37.6#
58	183.9	49.4	74.2#



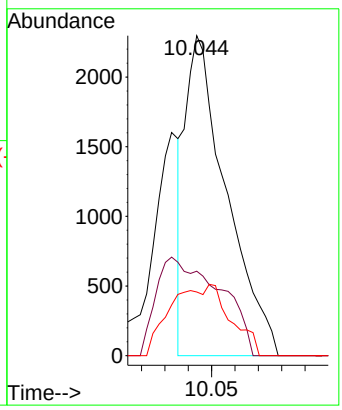


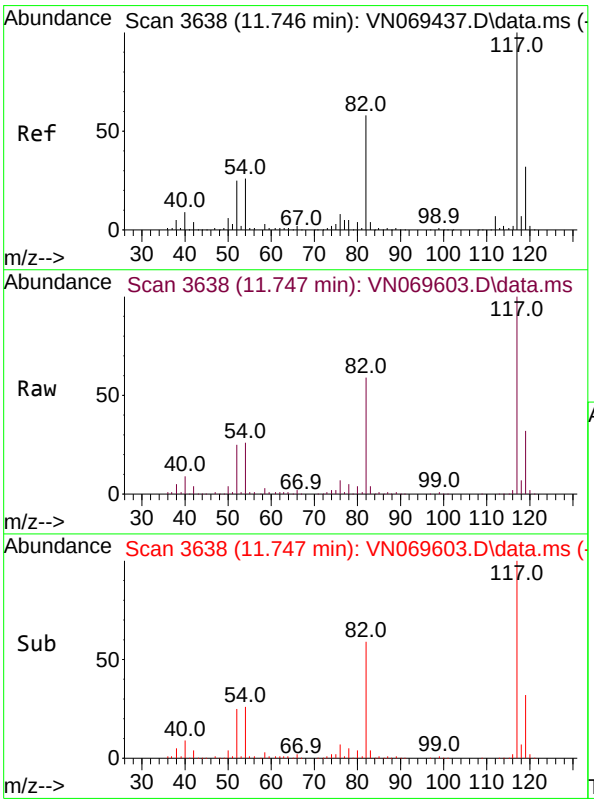
#55
2-Chloroethyl vinyl ether
Concen: 0.542 ug/l
RT: 10.044 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 2806

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.0#
106	18.9	23.2	34.8#

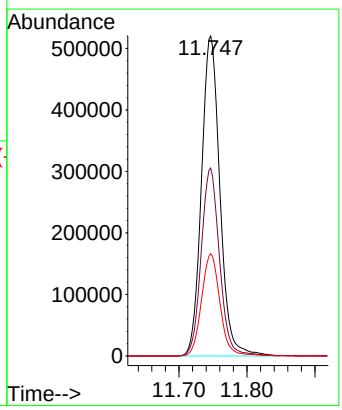


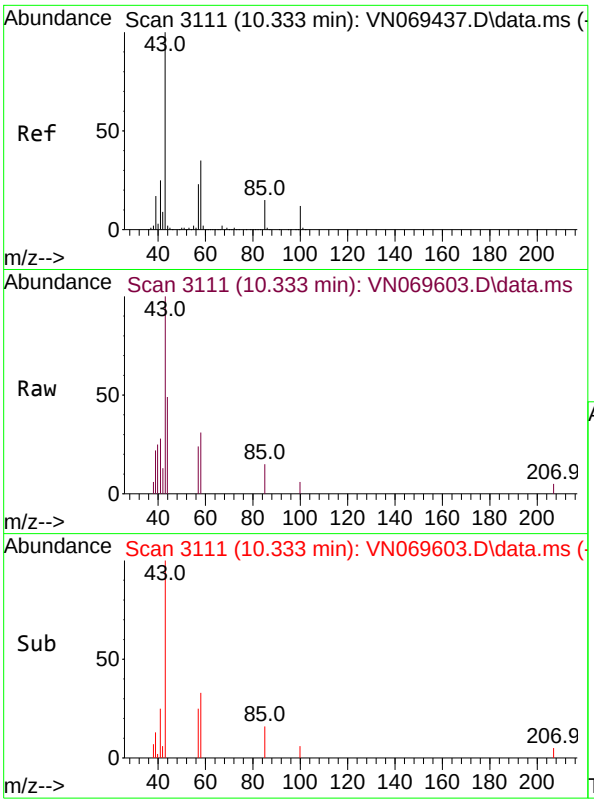


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Tgt Ion:117 Resp: 981913

Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.6	65.4
119	31.5	25.8	38.6



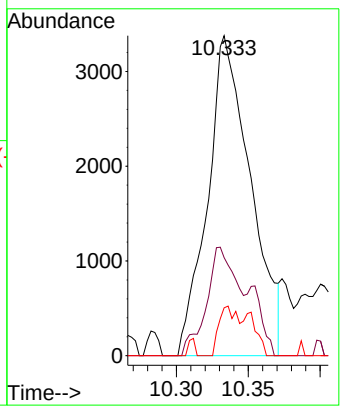


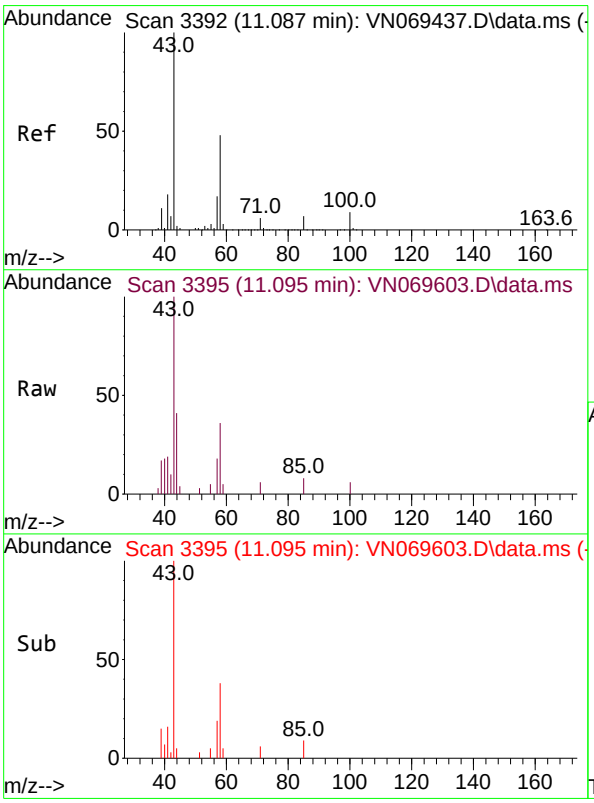
#58
4-Methyl-2-Pentanone
Concen: 0.326 ug/l
RT: 10.333 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7020

Ion	Ratio	Lower	Upper
43	100		
58	16.7	30.0	45.0#
85	6.6	15.0	22.6#

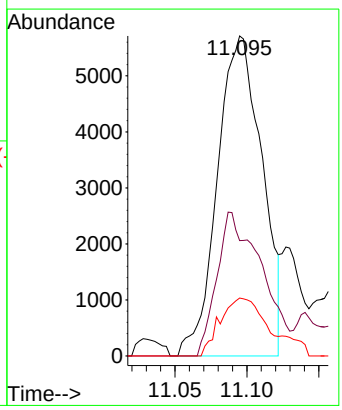


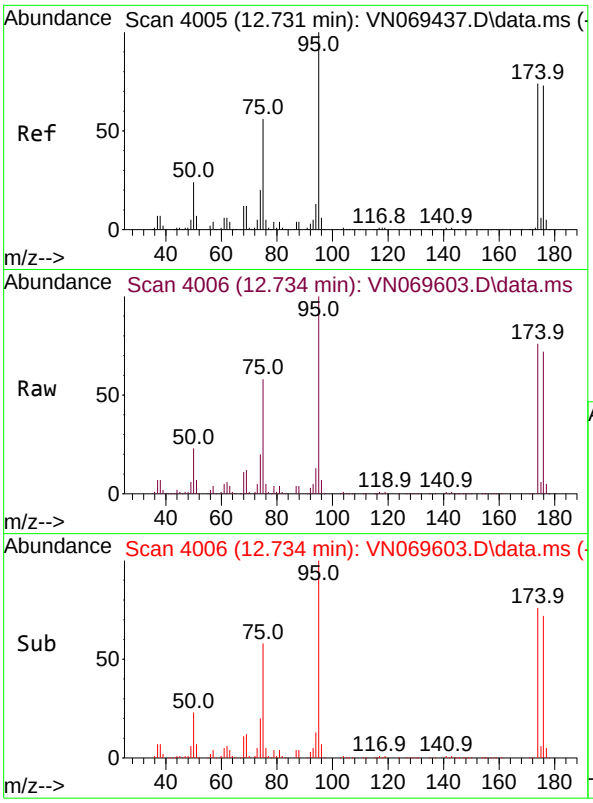


#59
2-Hexanone
Concen: 0.751 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Tgt Ion: 43 Resp: 12317

Ion	Ratio	Lower	Upper
43	100		
58	22.4	42.2	63.2#
57	10.7	15.0	22.4#



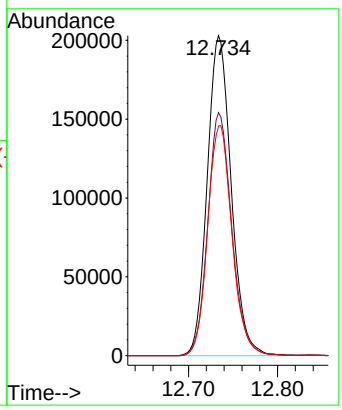


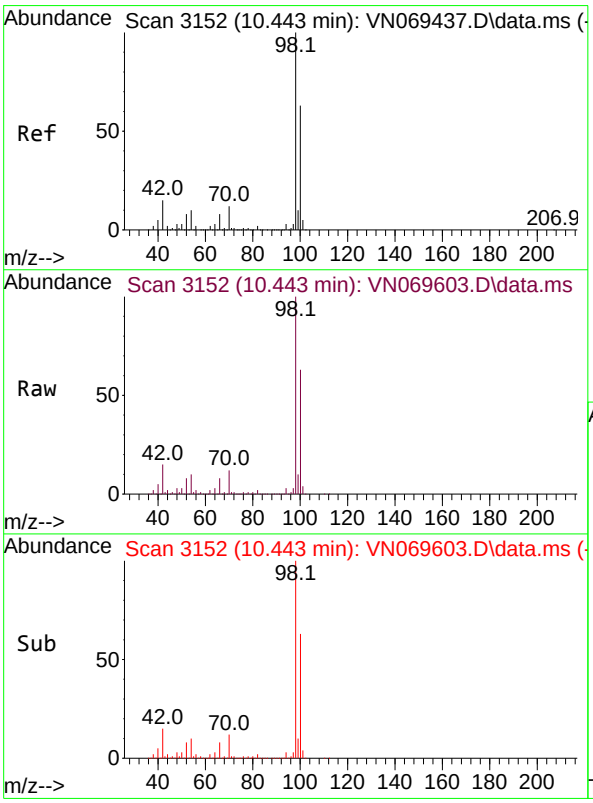
#60
4-Bromofluorobenzene
Concen: 24.168 ug/l
RT: 12.734 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 379764

Ion	Ratio	Lower	Upper
95	100		
174	75.9	62.9	94.3
176	72.9	61.0	91.4

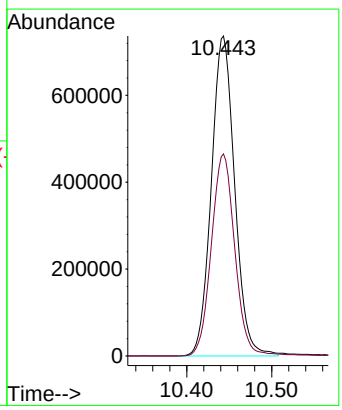


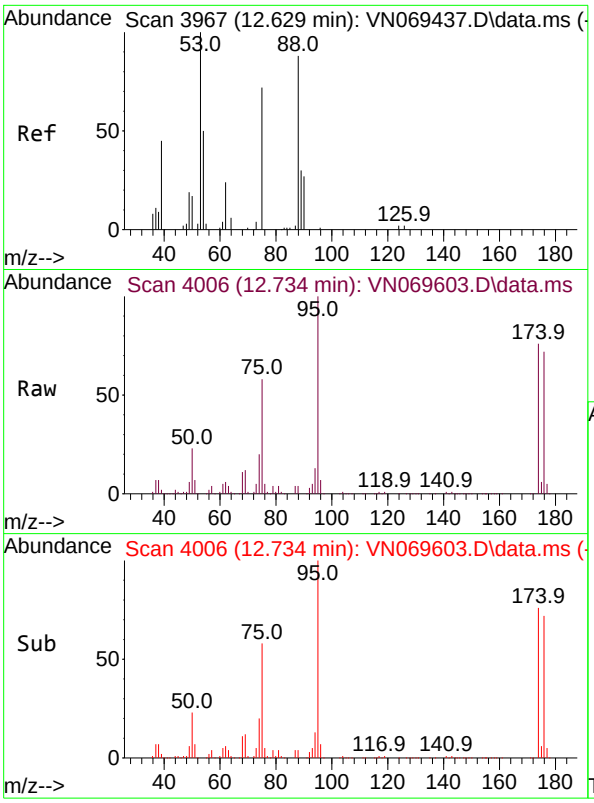


#63
Toluene-d8
Concen: 30.996 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Tgt Ion: 98 Resp: 1405296

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.6	76.0



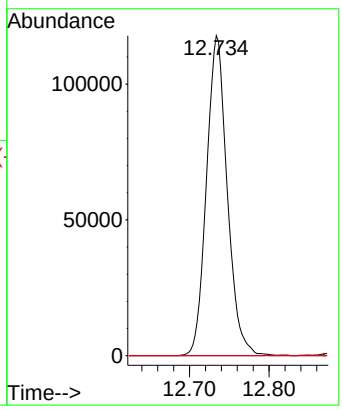


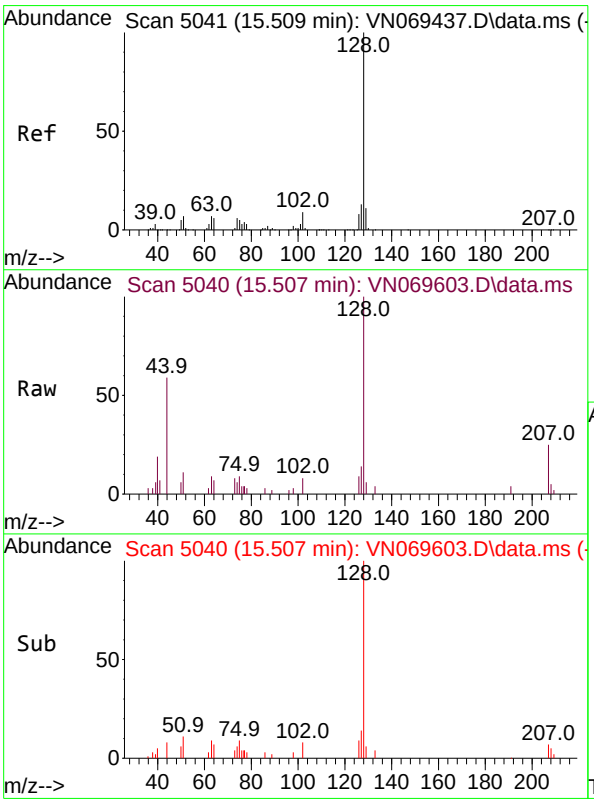
#77
t-1,4-Dichloro-2-butene
Concen: 42.466 ug/l
RT: 12.734 min Scan# 4
Delta R.T. 0.105 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 214042

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

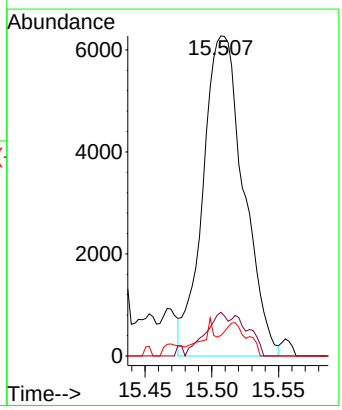


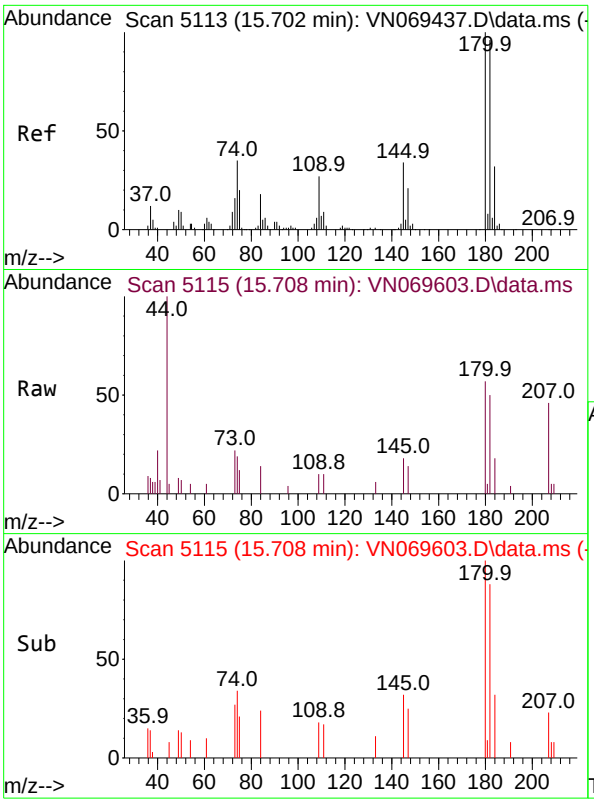


#91
Naphthalene
Concen: 0.436 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Tgt Ion:128 Resp: 13295

Ion	Ratio	Lower	Upper
128	100		
127	7.5	10.7	16.1#
129	1.1	9.0	13.6#





#92
1,2,3-Trichlorobenzene
Concen: 0.398 ug/l
RT: 15.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN069603.D
Acq: 22 Nov 2021 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 4142

Ion	Ratio	Lower	Upper
180	100		
182	8.3	0.0	190.0
145	16.5	0.0	67.8