Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
Data File : VN074634.D
Acq On : 27 Sep 2022 18:05
Operator : JC\MD
Sample : N4742-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 28 08:06:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 28 07:48:31 2022
Response via : Initial Calibration

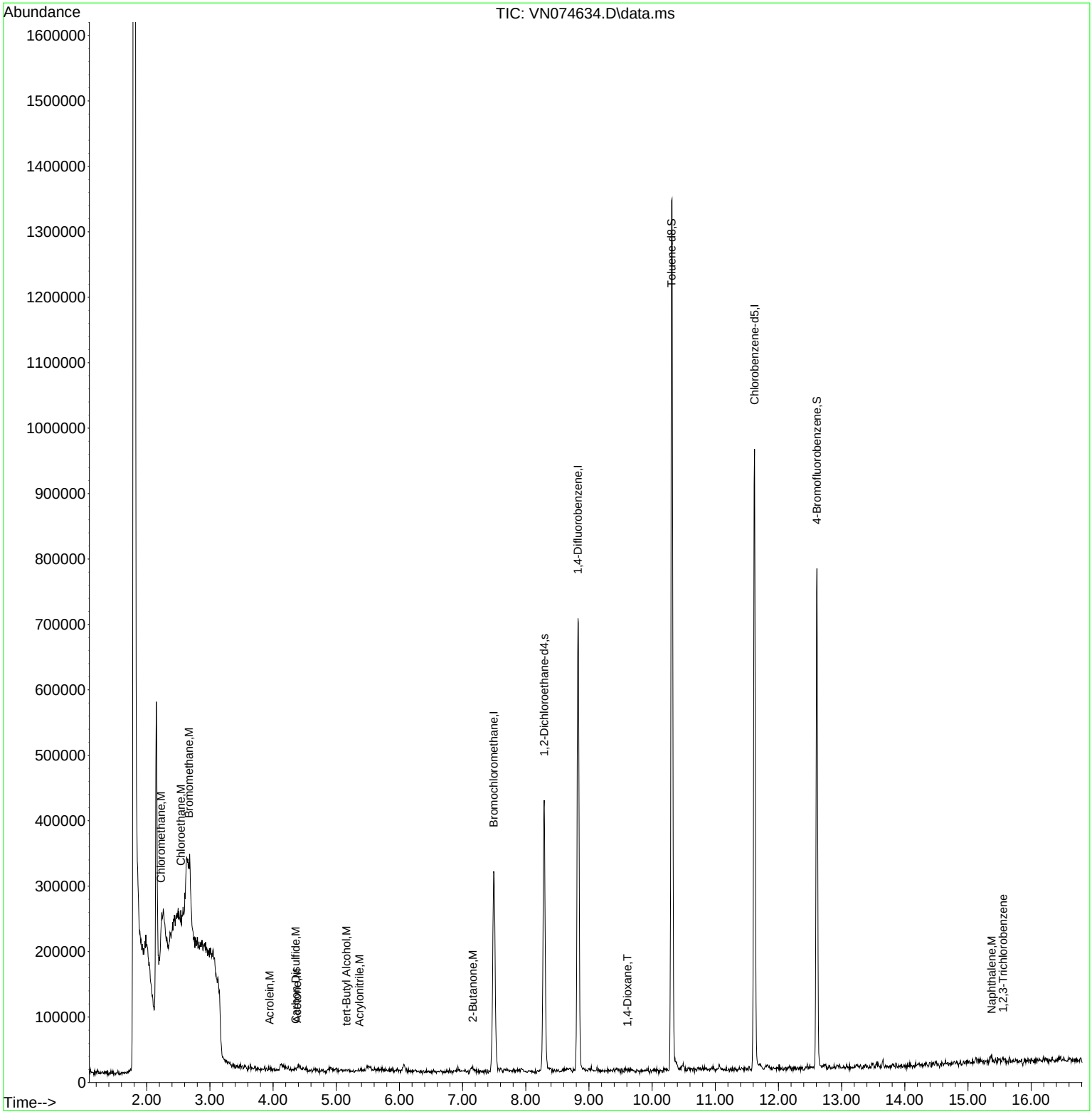
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.492	128	62102	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.828	114	623087	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.621	117	509450	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.292	65	310311	52.994	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 176.633%#				
60) 4-Bromofluorobenzene	12.610	95	243152	24.571	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 81.900%				
63) Toluene-d8	10.310	98	923508	32.138	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.133%				
Target Compounds							Qvalue
3) Chloromethane	2.228	50	5565	1.038	ug/l		96
5) Bromomethane	2.669	94	1312	0.297	ug/l		87
6) Chloroethane	2.540	64	5822	1.200	ug/l		92
13) Acrolein	3.946	56	779	1.061	ug/l		83
14) Acrylonitrile	5.369	53	1170	0.320	ug/l	#	30
15) Acetone	4.381	58	256	0.267	ug/l		92
16) Carbon Disulfide	4.357	76	2559	0.216	ug/l	#	1
23) tert-Butyl Alcohol	5.163	59	1272	0.845	ug/l	#	64
30) 2-Butanone	7.163	43	2746	0.309	ug/l	#	54
45) 1,4-Dioxane	9.610	88	122	0.512	ug/l	#	1
91) Naphthalene	15.374	128	9713	0.318	ug/l	#	97
92) 1,2,3-Trichlorobenzene	15.557	180	1526	0.209	ug/l	#	83

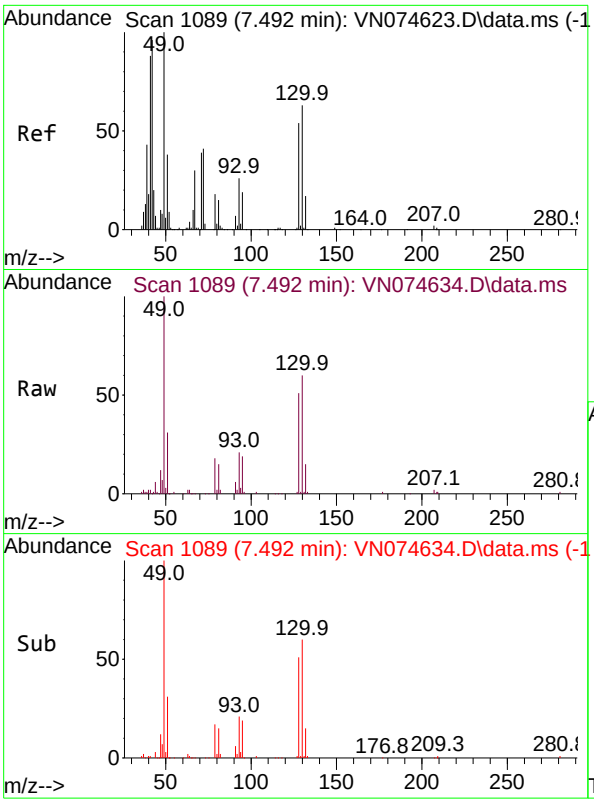
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
Data File : VN074634.D
Acq On : 27 Sep 2022 18:05
Operator : JC\MD
Sample : N4742-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 28 08:06:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 28 07:48:31 2022
Response via : Initial Calibration



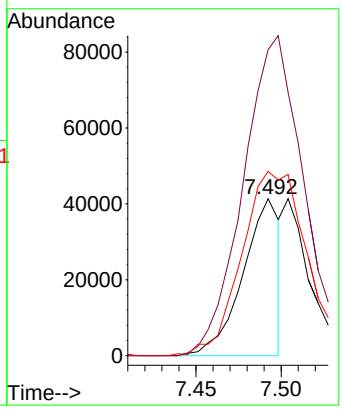


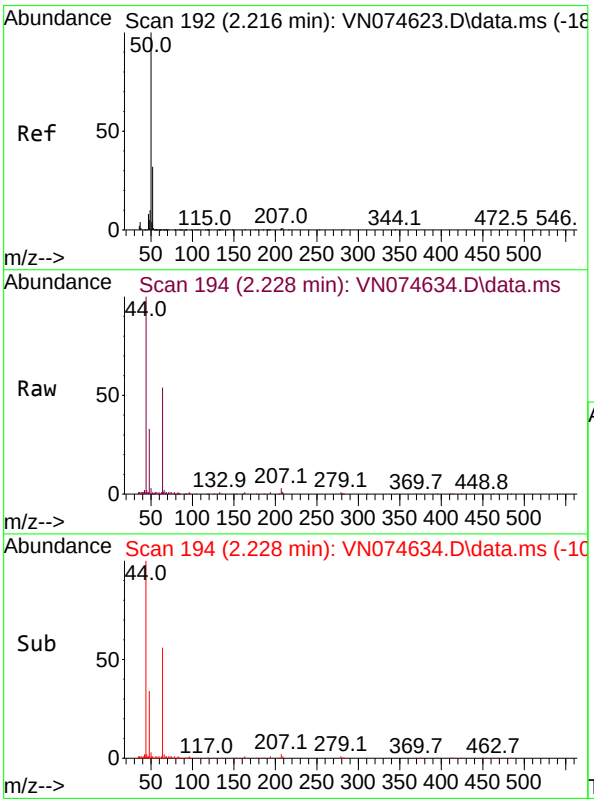
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 62102

Ion	Ratio	Lower	Upper
128	100		
49	336.2	0.0	492.0
130	124.0	0.0	313.3

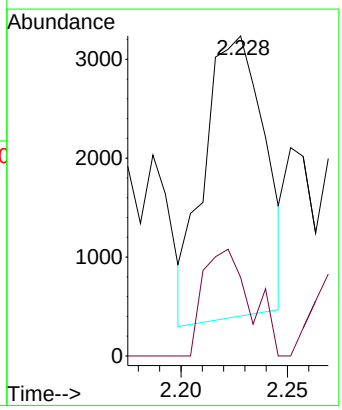


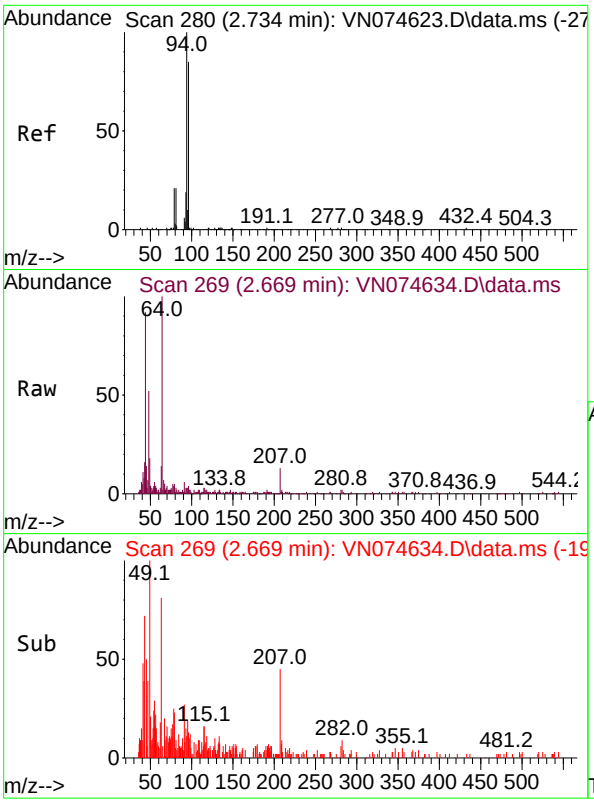


#3
Chloromethane
Concen: 1.038 ug/l
RT: 2.228 min Scan# 194
Delta R.T. 0.012 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 50 Resp: 5565

Ion	Ratio	Lower	Upper
50	100		
52	34.3	25.5	38.3



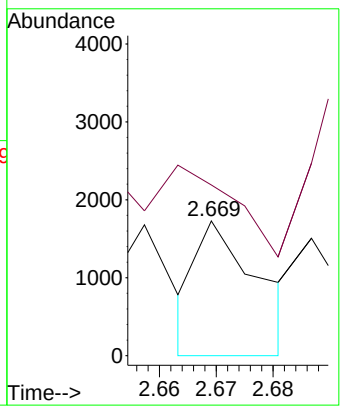


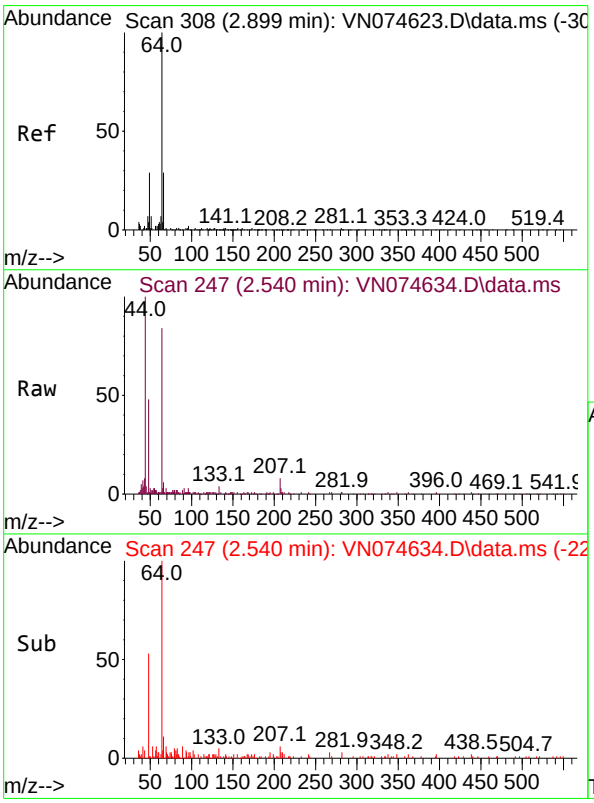
#5
Bromomethane
Concen: 0.297 ug/l
RT: 2.669 min Scan# 2
Delta R.T. -0.065 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 1312

Ion	Ratio	Lower	Upper
94	100		
96	97.6	68.3	102.5

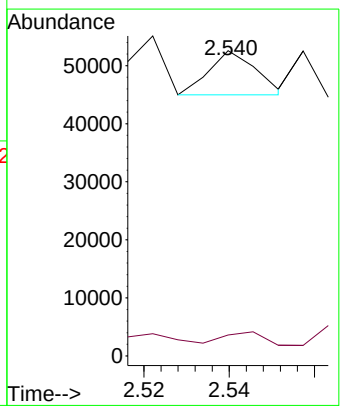


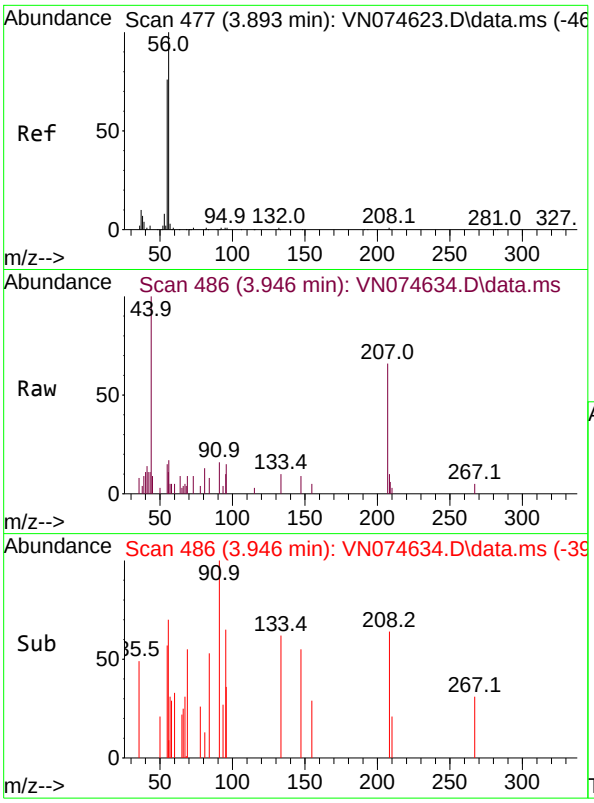


#6
Chloroethane
Concen: 1.200 ug/l
RT: 2.540 min Scan# 247
Delta R.T. -0.359 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 64 Resp: 5822

Ion	Ratio	Lower	Upper
64	100		
66	23.3	21.8	32.8



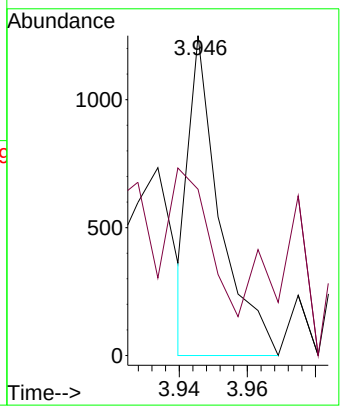


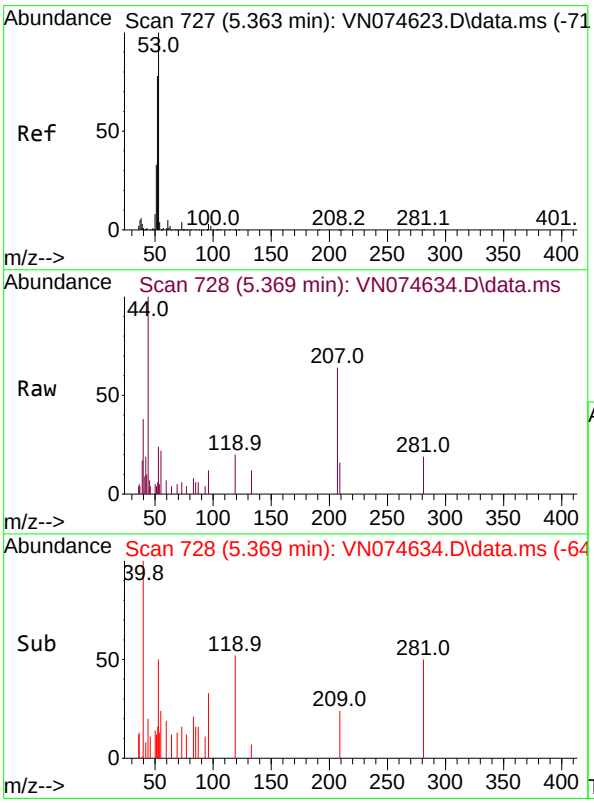
#13
Acrolein
Concen: 1.061 ug/l
RT: 3.946 min Scan# 4
Delta R.T. 0.053 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 779

Ion	Ratio	Lower	Upper
56	100		
55	56.4	56.2	84.2

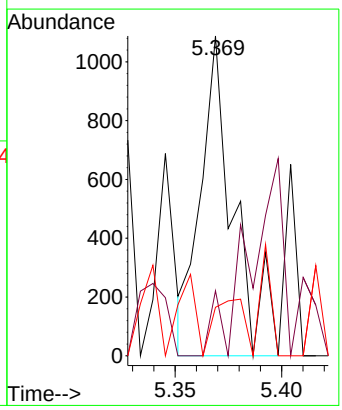


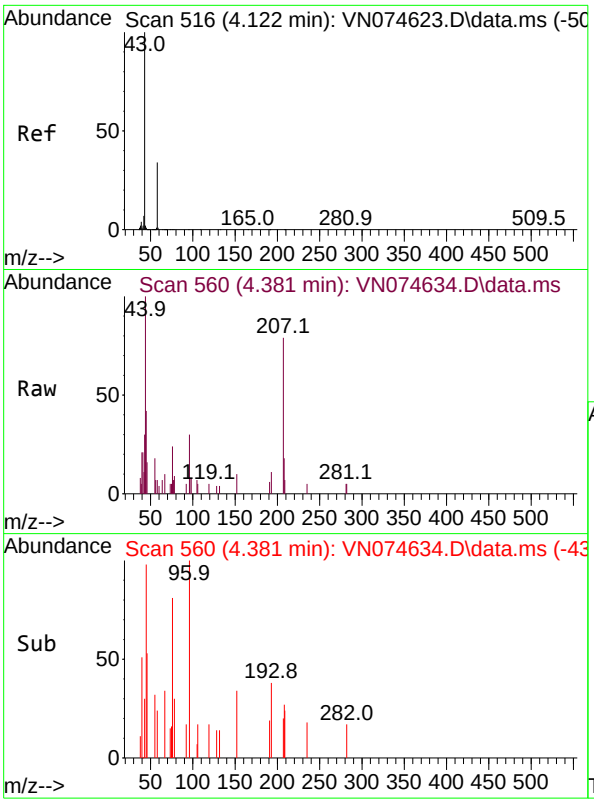


#14
Acrylonitrile
Concen: 0.320 ug/l
RT: 5.369 min Scan# 728
Delta R.T. 0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 53 Resp: 1170

Ion	Ratio	Lower	Upper
53	100		
52	6.7	40.8	122.4#
51	13.6	17.0	51.0#



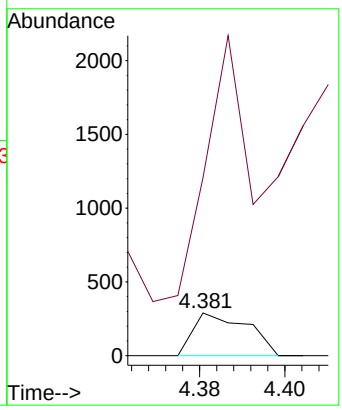


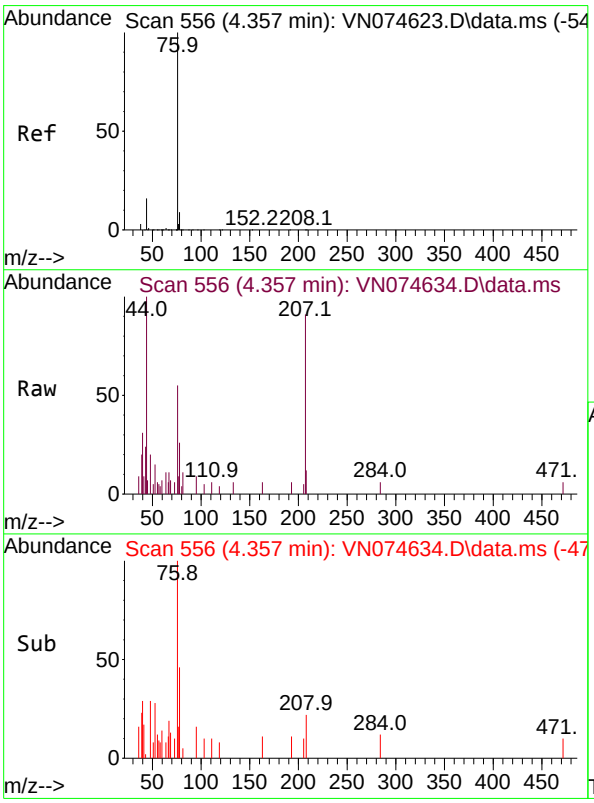
#15
Acetone
Concen: 0.267 ug/l
RT: 4.381 min Scan# 5
Delta R.T. 0.259 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 58 Resp: 256

Ion	Ratio	Lower	Upper
58	100		
43	275.2	232.2	348.4

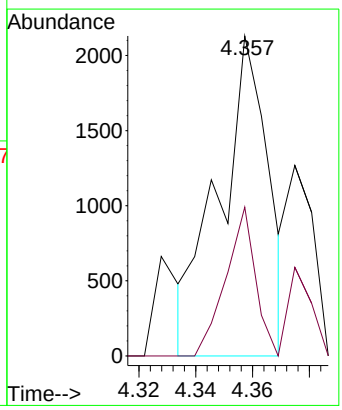


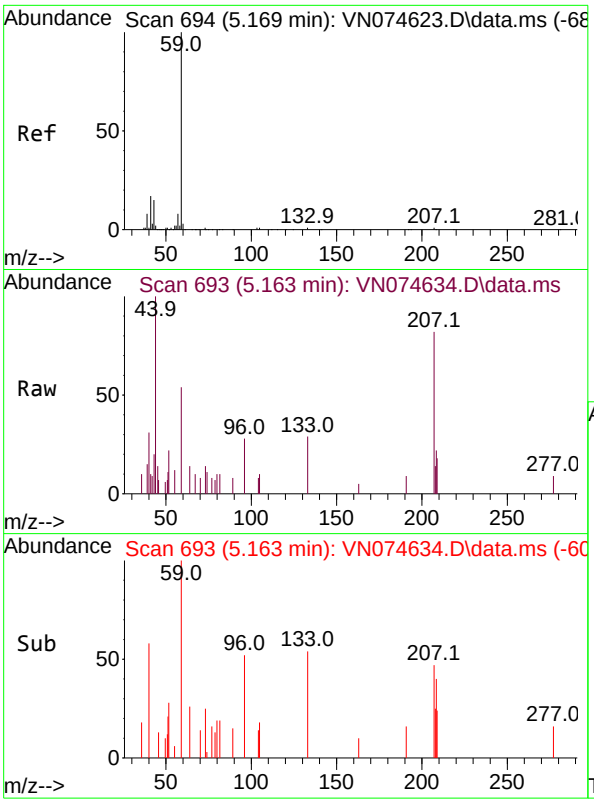


#16
Carbon Disulfide
Concen: 0.216 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 76 Resp: 2559

Ion	Ratio	Lower	Upper
76	100		
78	60.0	7.2	10.8#



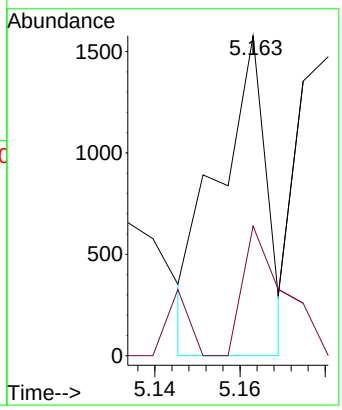


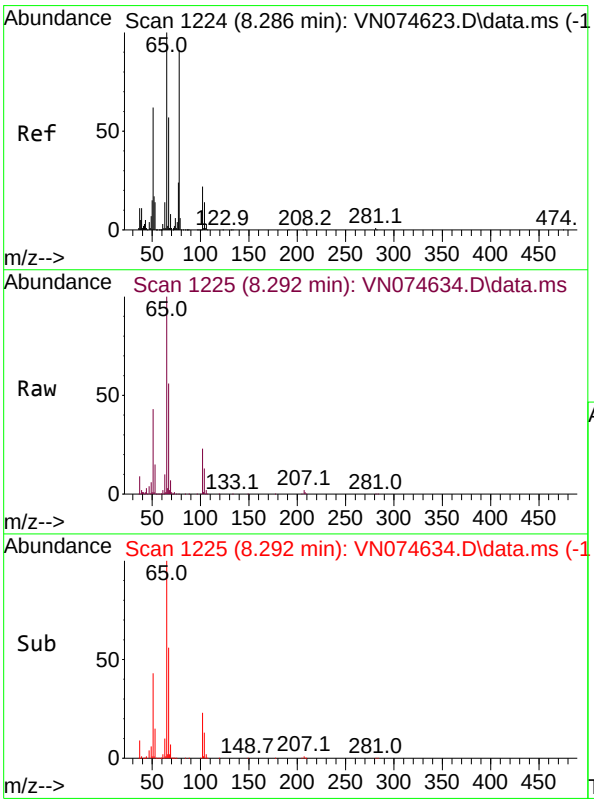
#23
tert-Butyl Alcohol
Concen: 0.845 ug/l
RT: 5.163 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 1272

Ion	Ratio	Lower	Upper
59	100		
52	34.0	0.2	0.4#

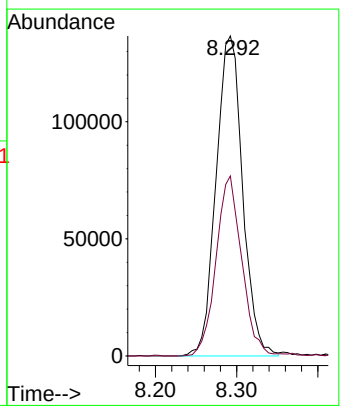


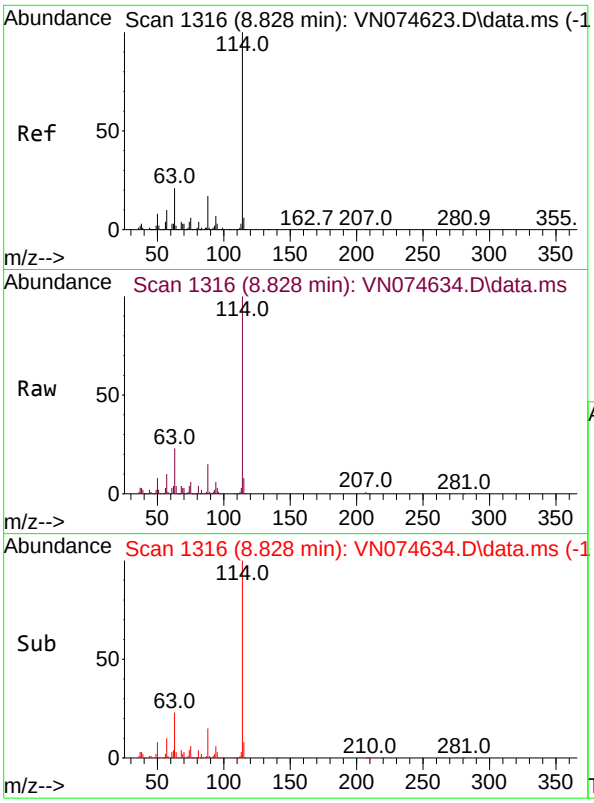


#27
1,2-Dichloroethane-d4
Concen: 52.994 ug/l
RT: 8.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 65 Resp: 310311

Ion	Ratio	Lower	Upper
65	100		
67	54.4	45.2	67.8



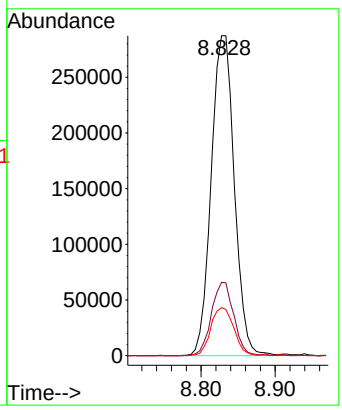


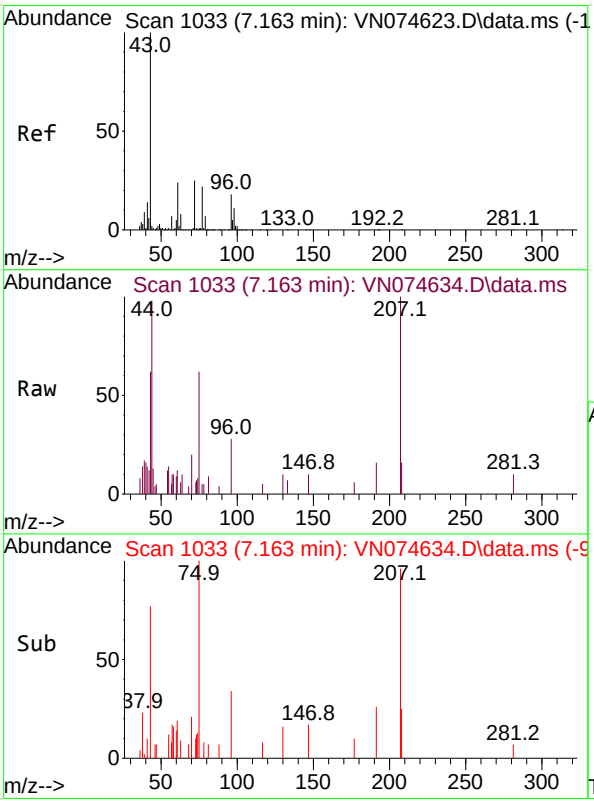
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 623087

Ion	Ratio	Lower	Upper
114	100		
63	22.1	16.6	25.0
88	14.9	12.2	18.4

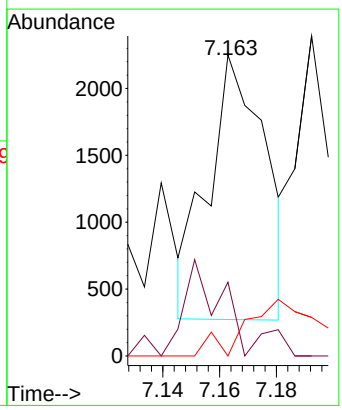


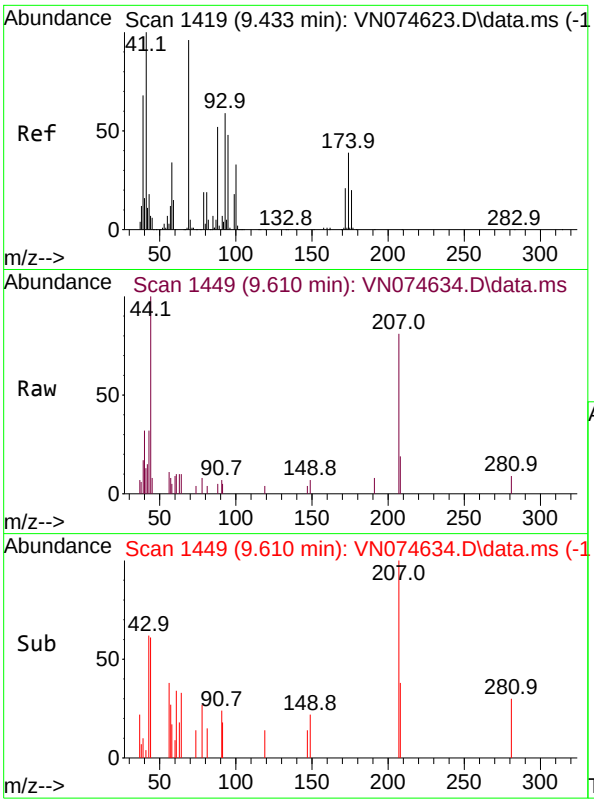


#30
2-Butanone
Concen: 0.309 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 43 Resp: 2746

Ion	Ratio	Lower	Upper
43	100		
57	22.8	6.3	9.5#
72	2.3	21.0	31.4#



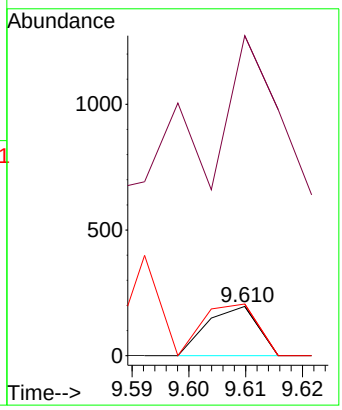


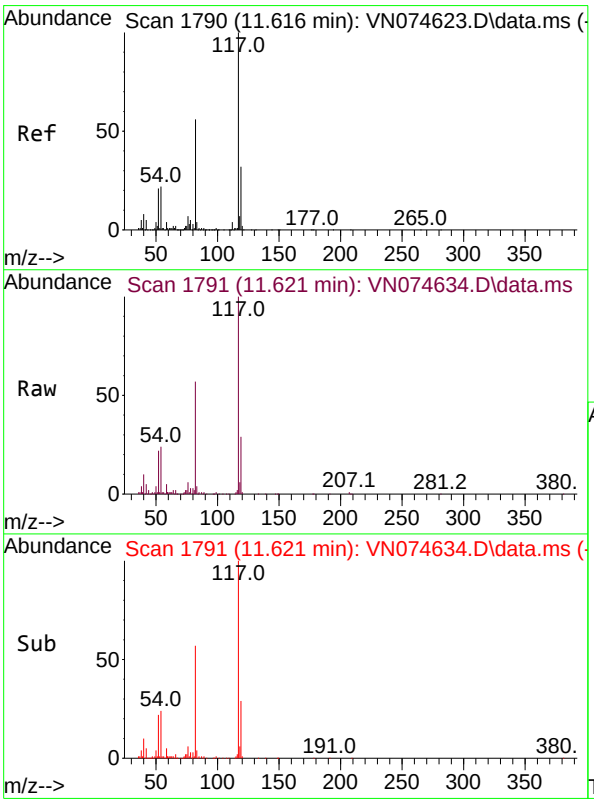
#45
1,4-Dioxane
Concen: 0.512 ug/l
RT: 9.610 min Scan# 14
Delta R.T. 0.176 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 122

Ion	Ratio	Lower	Upper
88	100		
43	285.2	25.7	38.5#
58	113.1	53.4	80.2#

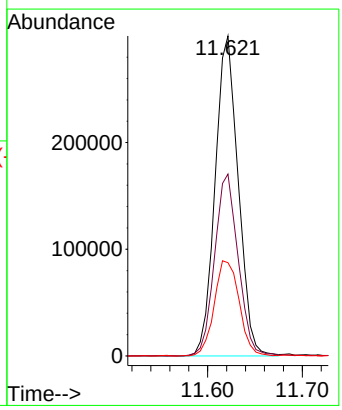


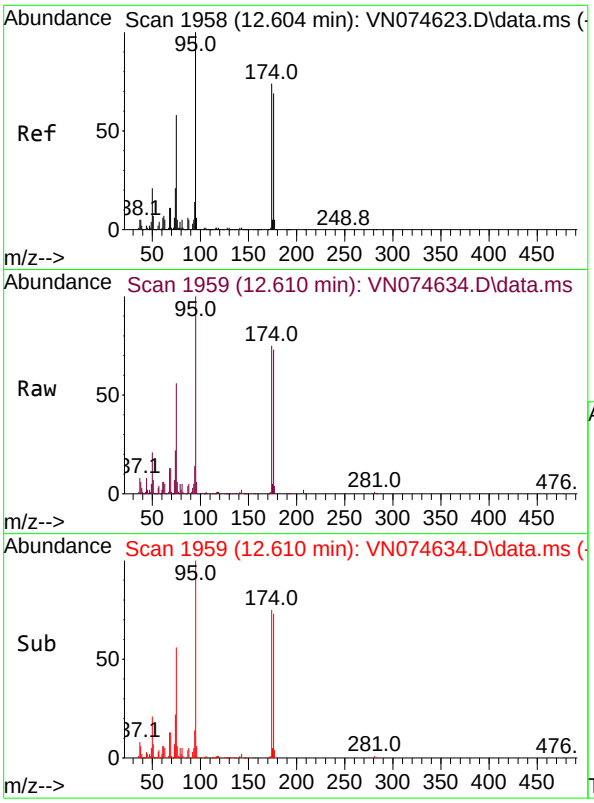


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion:117 Resp: 509450

Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.6	67.0
119	32.1	25.6	38.4



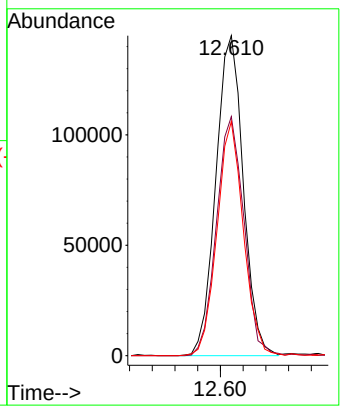


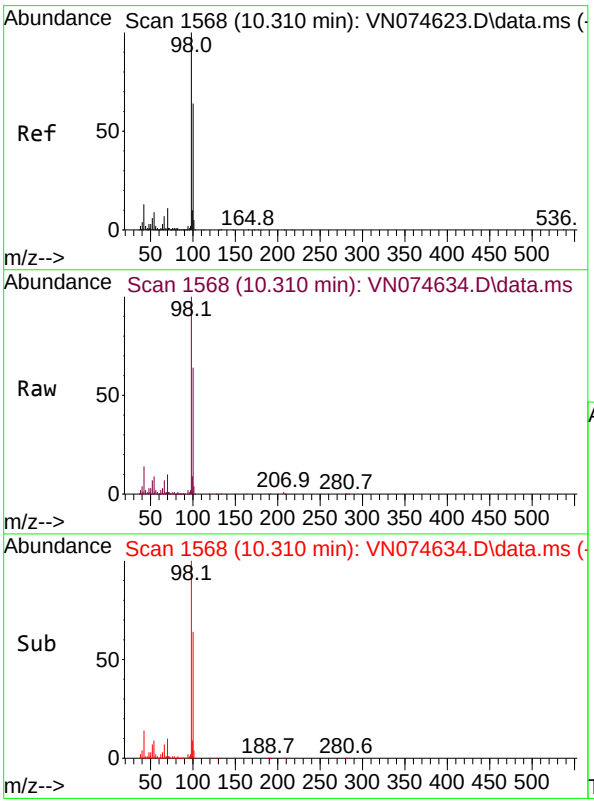
#60
4-Bromofluorobenzene
Concen: 24.571 ug/l
RT: 12.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 243152

Ion	Ratio	Lower	Upper
95	100		
174	74.4	57.8	86.8
176	70.3	57.0	85.4

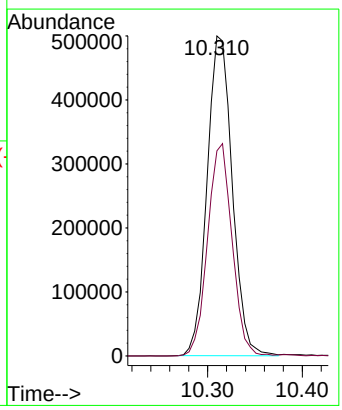


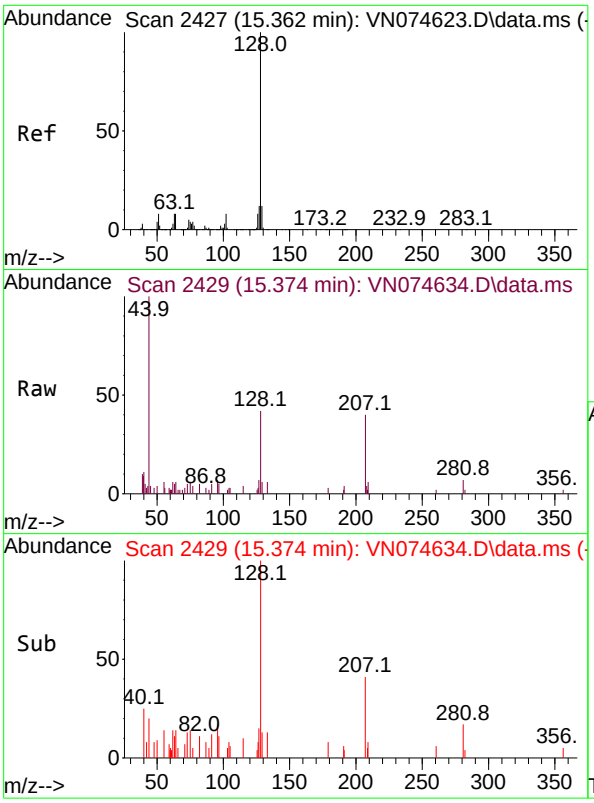


#63
Toluene-d8
Concen: 32.138 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 98 Resp: 923508

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.7	79.1



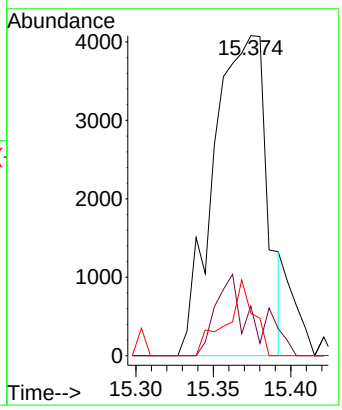


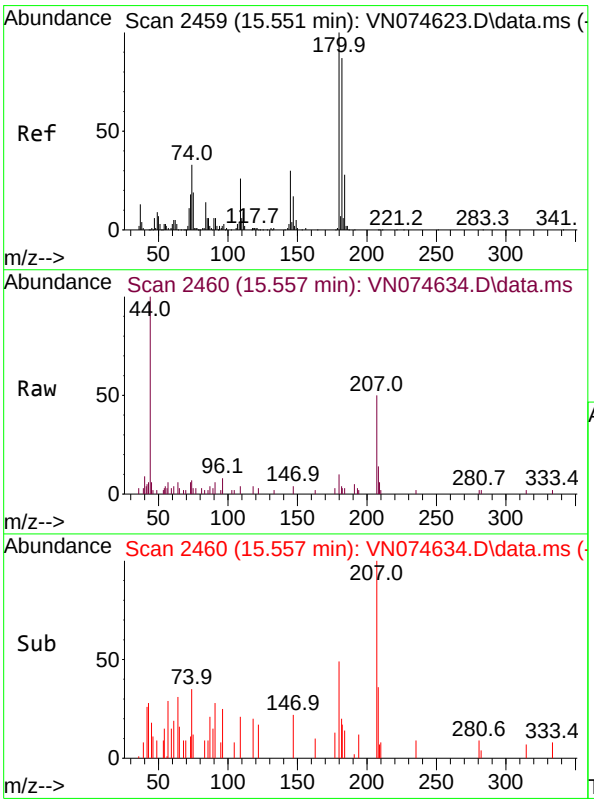
#91
Naphthalene
Concen: 0.318 ug/l
RT: 15.374 min Scan# 24
Delta R.T. 0.012 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 9713

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	8.8	8.9	13.3#





#92
1,2,3-Trichlorobenzene
Concen: 0.209 ug/l
RT: 15.557 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion:180 Resp: 1526

Ion	Ratio	Lower	Upper
180	100		
182	94.0	0.0	185.4
145	0.0	0.0	68.6