

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075321.D
 Acq On : 18 Nov 2022 18:41
 Operator : JC\MD
 Sample : N5665-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COSTAL-DRUM-2

Quant Time: Nov 19 05:10:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

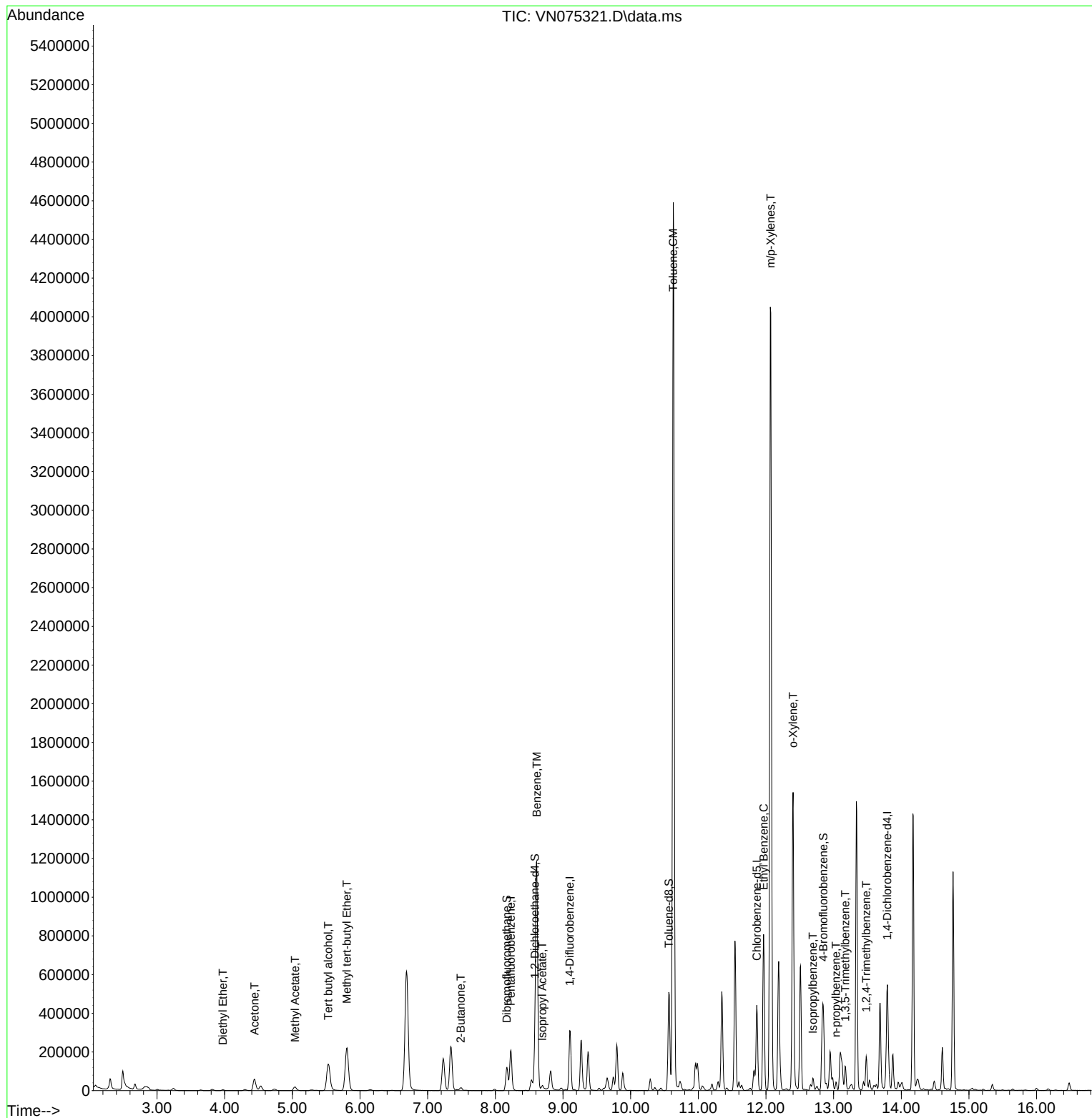
Internal Standards						
1) Pentafluorobenzene	8.230	168	157461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103010	48.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.100%
35) Dibromofluoromethane	8.171	113	86444	50.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	10.565	98	330505	50.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.847	95	121490	52.367	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.740%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.971	74	3153	2.726	ug/l	88
11) Tert butyl alcohol	5.530	59	268287	542.251	ug/l	99
16) Acetone	4.442	43	107693	119.880	ug/l	95
18) Methyl Acetate	5.042	43	39643	13.510	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	394163	63.537	ug/l	100
25) 2-Butanone	7.488	43	24441	17.297	ug/l	93
40) Benzene	8.612	78	1263415	156.573	ug/l	98
43) Isopropyl Acetate	8.694	43	27126	6.051	ug/l #	82
52) Toluene	10.629	92	2069431	383.657	ug/l	99
67) Ethyl Benzene	11.965	91	603939	58.527	ug/l	99
68) m/p-Xylenes	12.070	106	1348527	325.691	ug/l	98
69) o-Xylene	12.400	106	457939	111.836	ug/l	98
73) Isopropylbenzene	12.694	105	43879	3.948	ug/l	95
78) n-propylbenzene	13.035	91	32495	2.604	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	68897	7.381	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	103052	10.911	ug/l	100

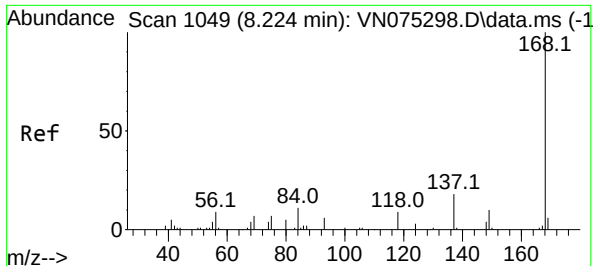
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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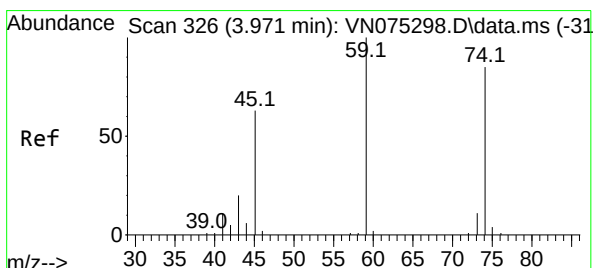
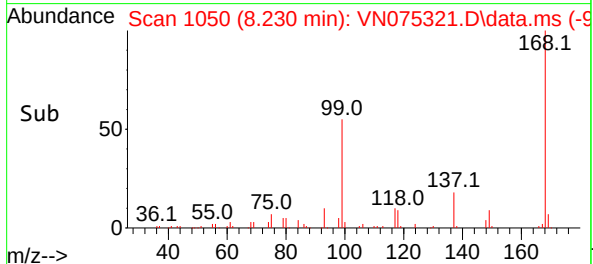
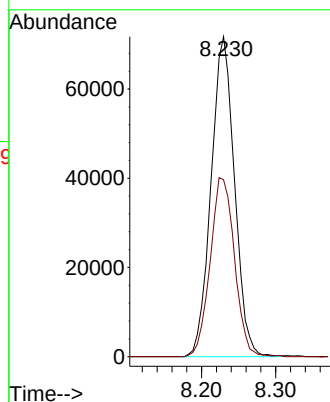
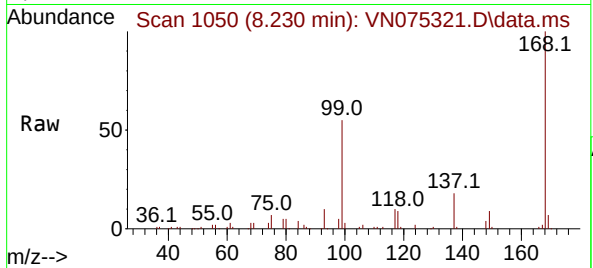




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

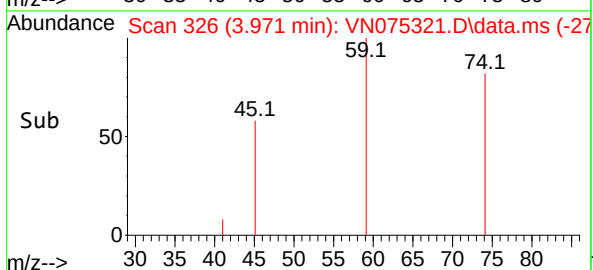
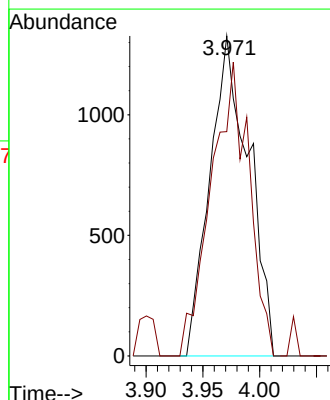
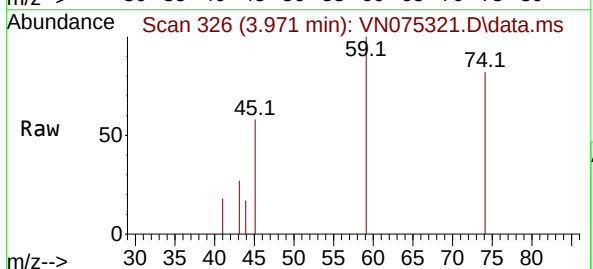
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

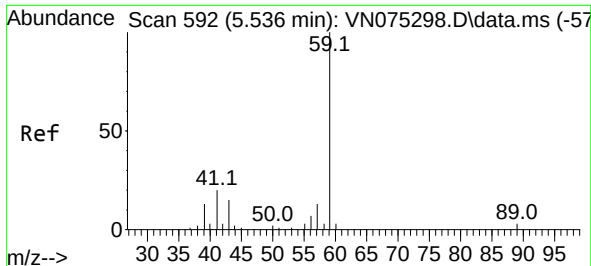
Tgt Ion:168 Resp: 157461
Ion Ratio Lower Upper
168 100
99 55.3 51.6 77.4



#8
Diethyl Ether
Concen: 2.726 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 74 Resp: 3153
Ion Ratio Lower Upper
74 100
45 89.3 39.3 117.9

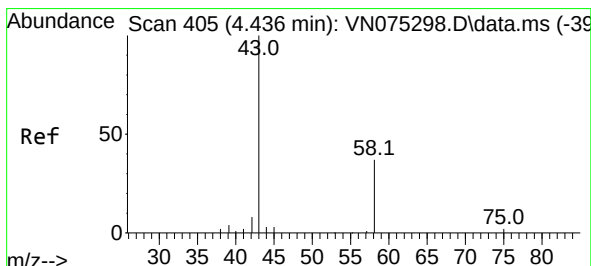
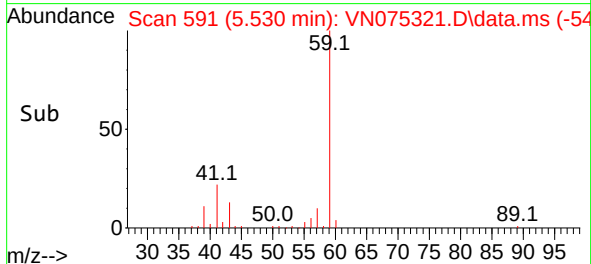
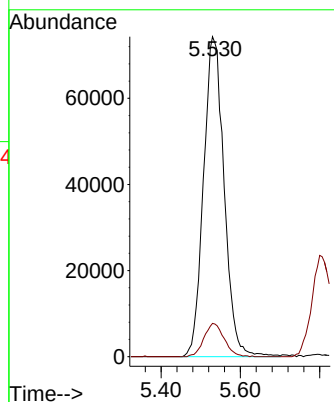
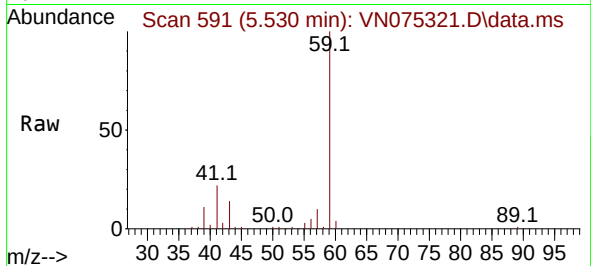




#11
Tert butyl alcohol
Concen: 542.251 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

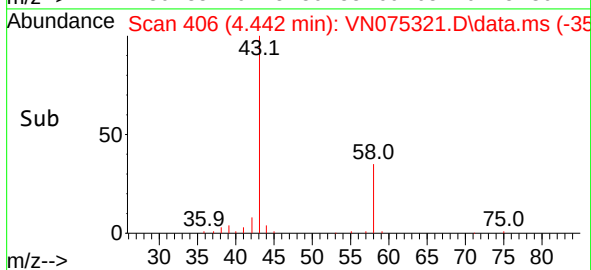
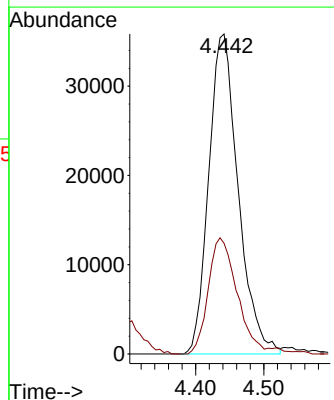
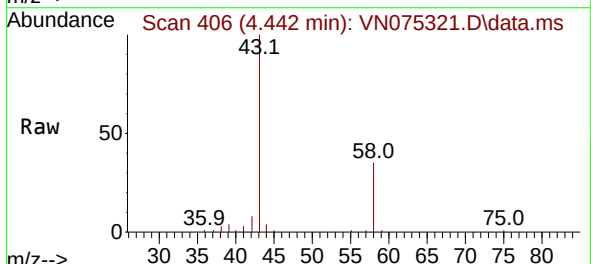
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

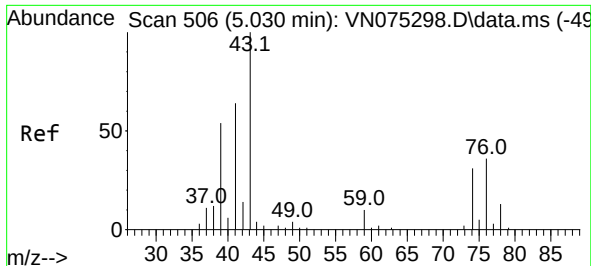
Tgt Ion: 59 Resp: 268287
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#16
Acetone
Concen: 119.880 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 43 Resp: 107693
Ion Ratio Lower Upper
43 100
58 34.6 25.5 38.3

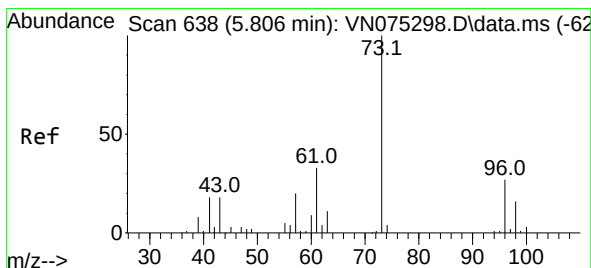
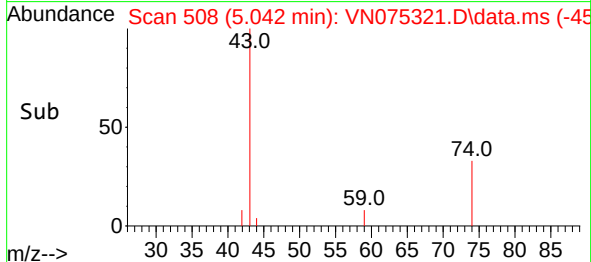
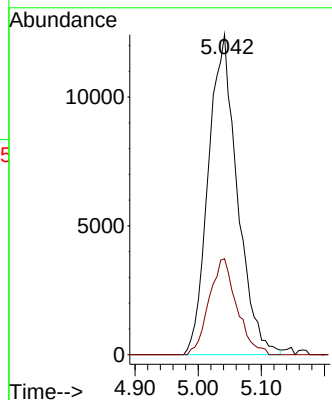
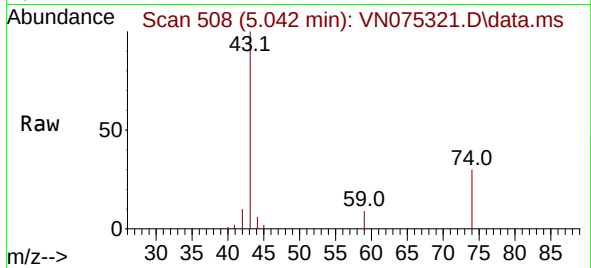




#18
Methyl Acetate
Concen: 13.510 ug/l
RT: 5.042 min Scan# 506
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

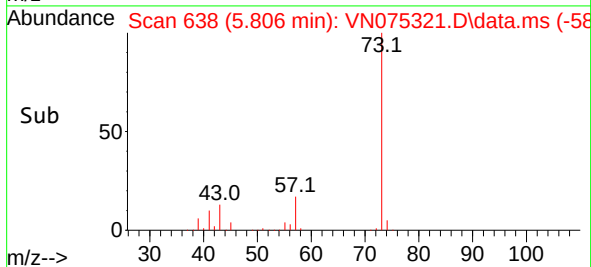
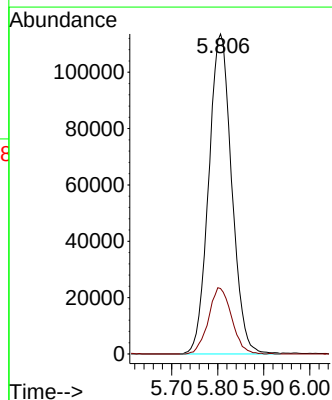
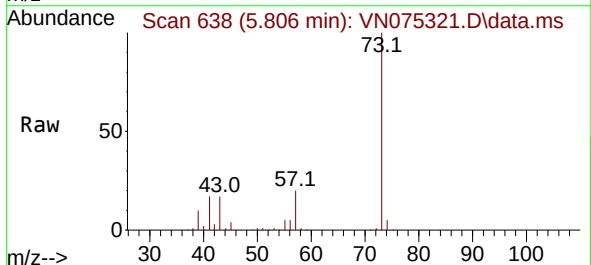
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

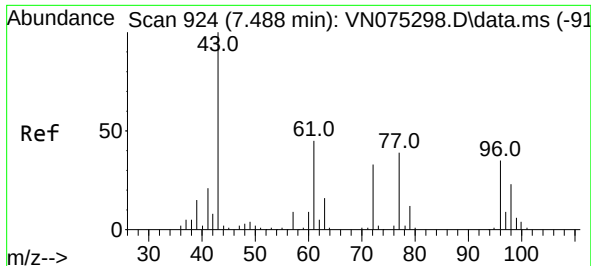
Tgt Ion: 43 Resp: 39643
Ion Ratio Lower Upper
43 100
74 28.6 22.0 33.0



#19
Methyl tert-butyl Ether
Concen: 63.537 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 73 Resp: 394163
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5

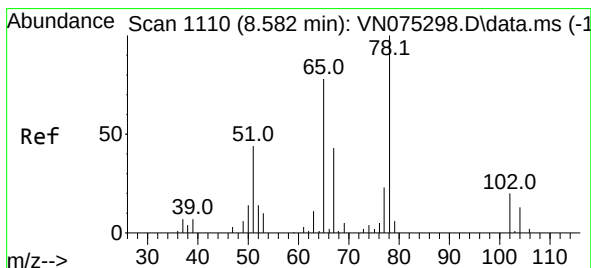
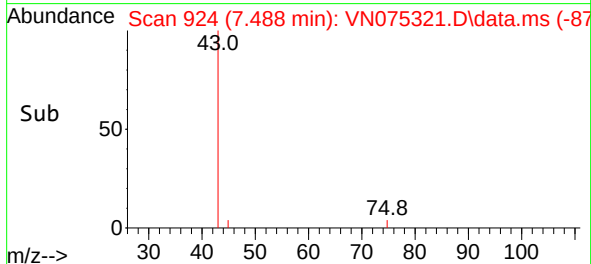
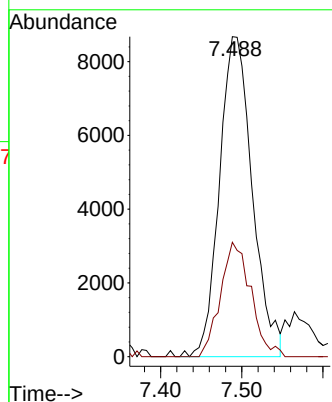
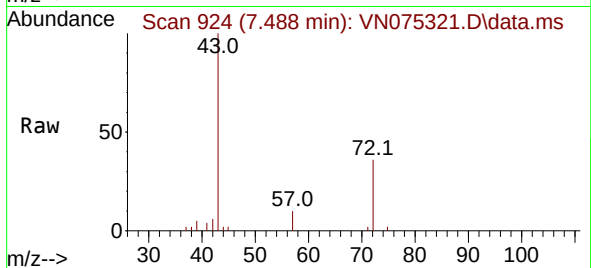




#25
2-Butanone
Concen: 17.297 ug/l
RT: 7.488 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

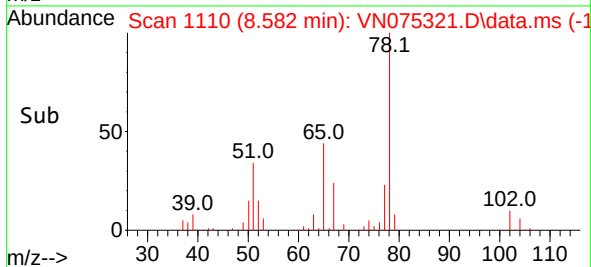
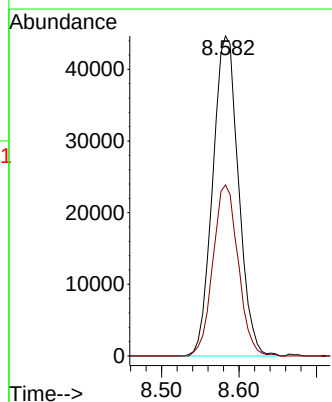
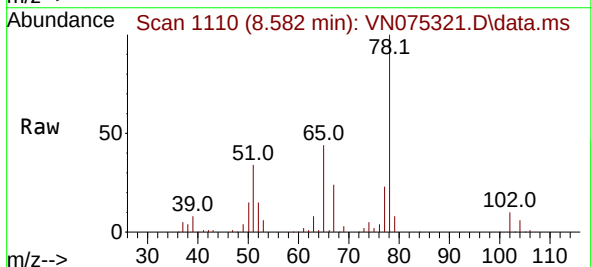
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

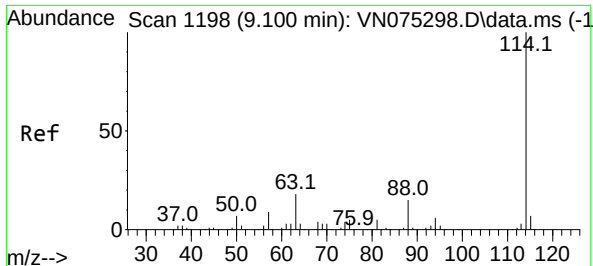
Tgt Ion: 43 Resp: 24441
Ion Ratio Lower Upper
43 100
72 35.7 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 48.553 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 65 Resp: 103010
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075321.D

Acq: 18 Nov 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

COSTAL-DRUM-2

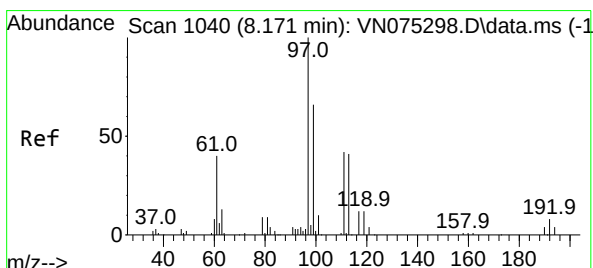
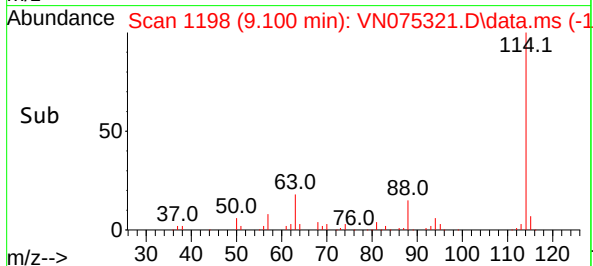
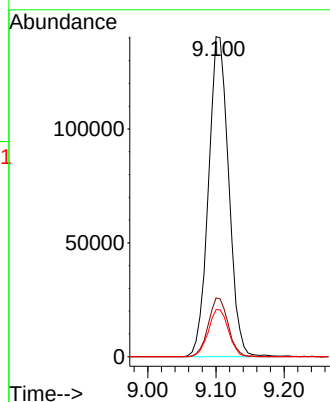
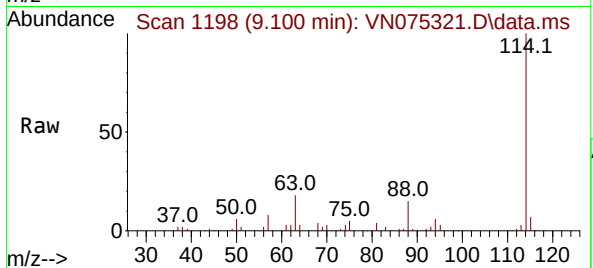
Tgt Ion:114 Resp: 289966

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.782 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075321.D

Acq: 18 Nov 2022 18:41

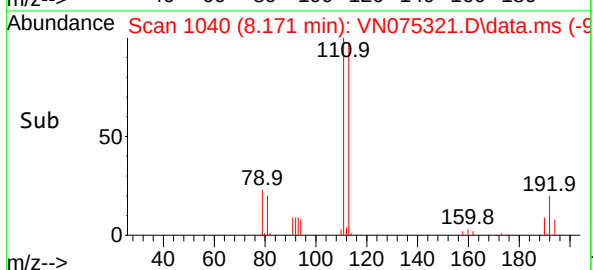
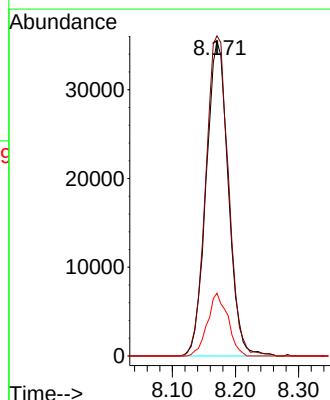
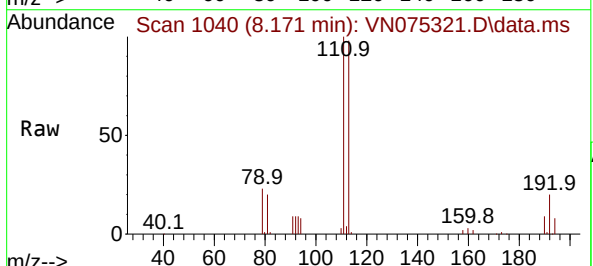
Tgt Ion:113 Resp: 86444

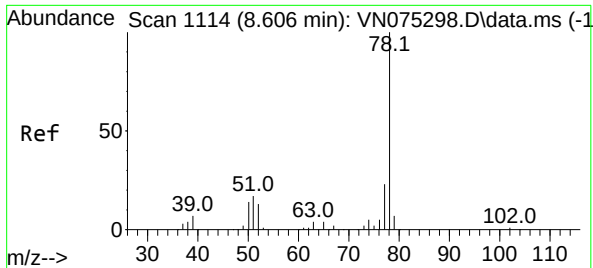
Ion Ratio Lower Upper

113 100

111 104.4 80.5 120.7

192 18.4 13.2 19.8

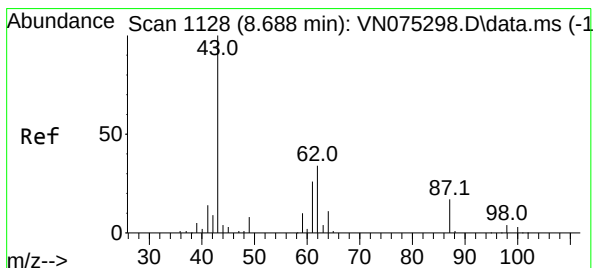
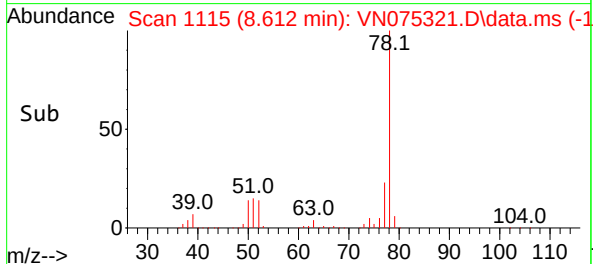
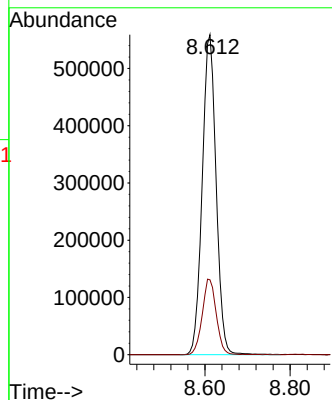
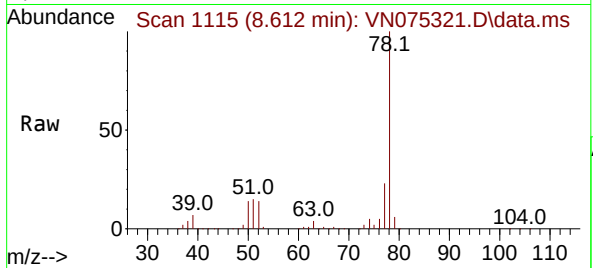




#40
Benzene
Concen: 156.573 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

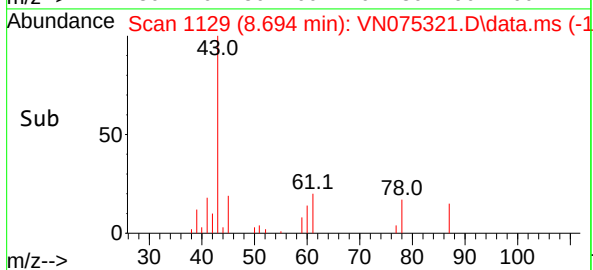
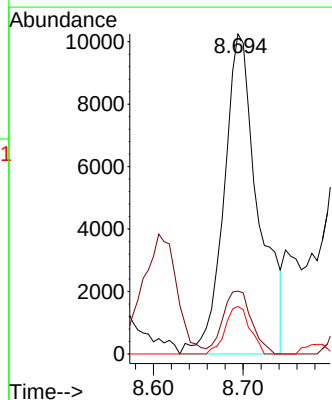
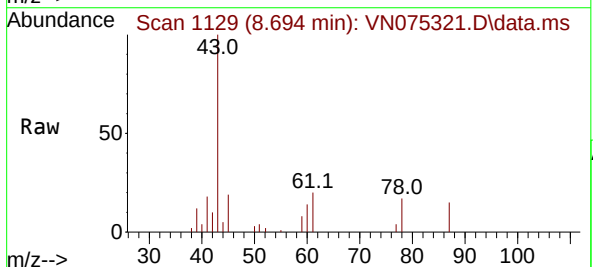
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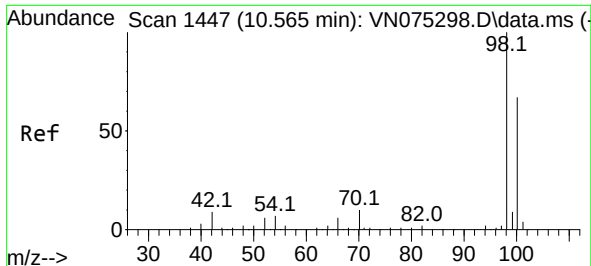
Tgt Ion: 78 Resp: 1263415
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#43
Isopropyl Acetate
Concen: 6.051 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 43 Resp: 27126
Ion Ratio Lower Upper
43 100
61 16.5 22.4 33.6#
87 10.7 12.5 18.7#

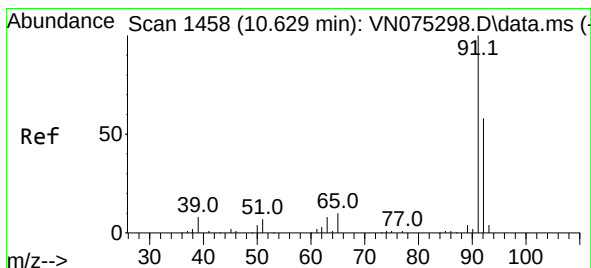
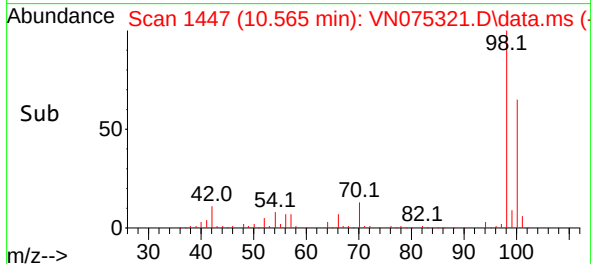
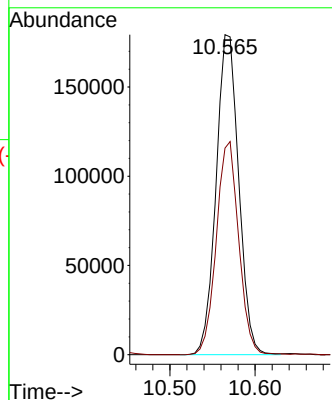
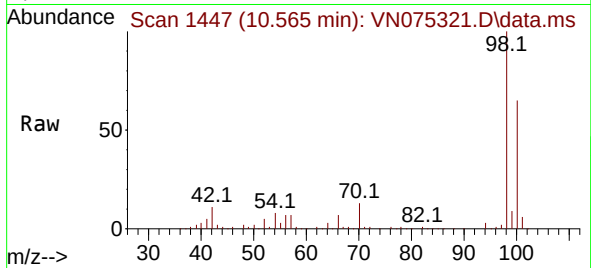




#50
Toluene-d8
Concen: 50.044 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

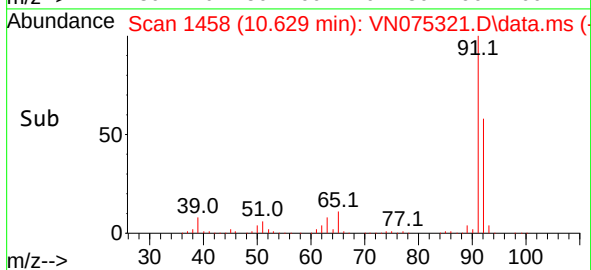
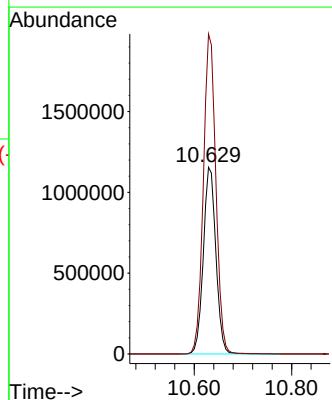
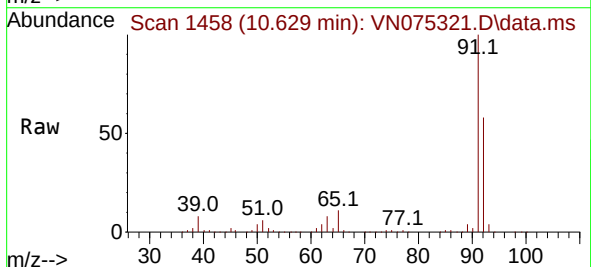
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

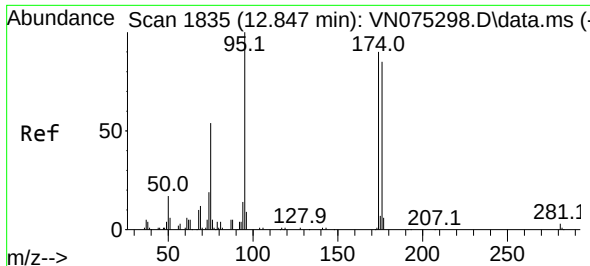
Tgt Ion: 98 Resp: 330505
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#52
Toluene
Concen: 383.657 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 92 Resp: 2069431
Ion Ratio Lower Upper
92 100
91 170.9 135.4 203.2

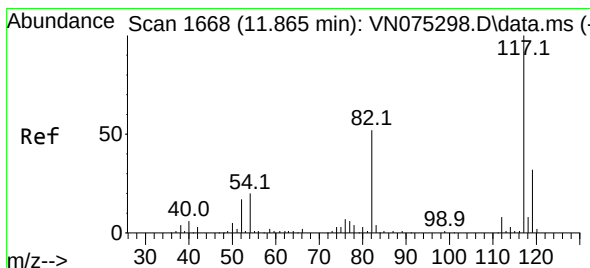
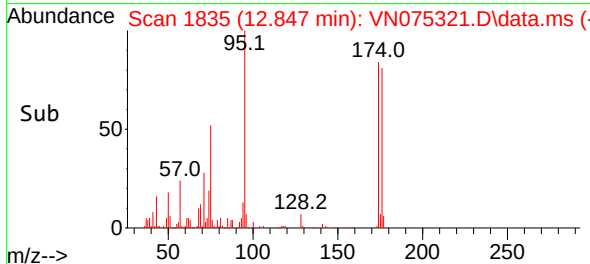
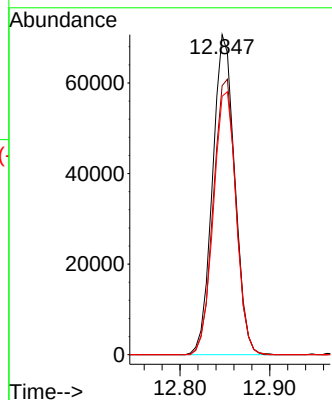
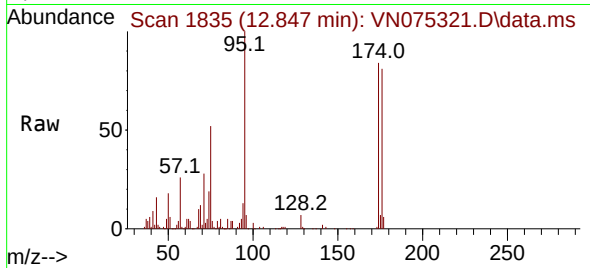




#62
4-Bromofluorobenzene
Concen: 52.367 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

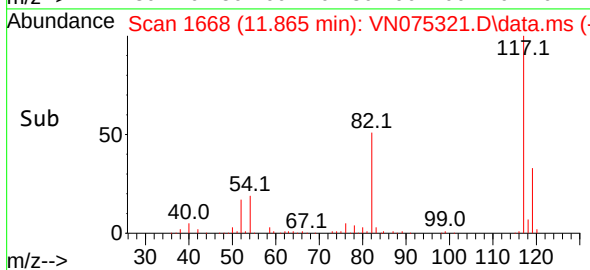
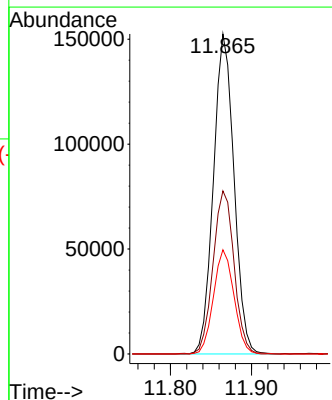
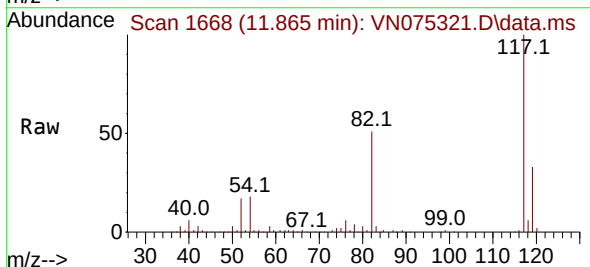
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

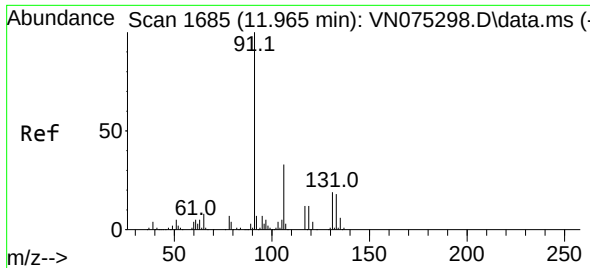
Tgt Ion: 95 Resp: 121490
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 84.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 117 Resp: 268704
Ion Ratio Lower Upper
117 100
82 50.9 43.1 64.7
119 32.5 25.5 38.3

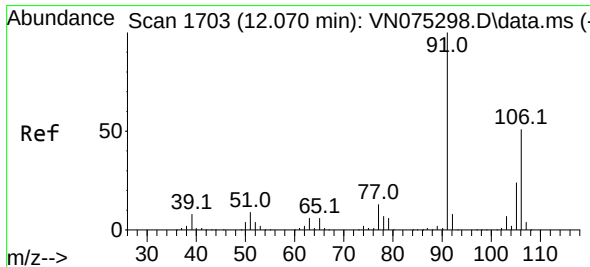
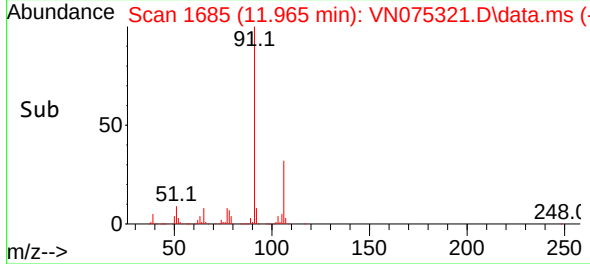
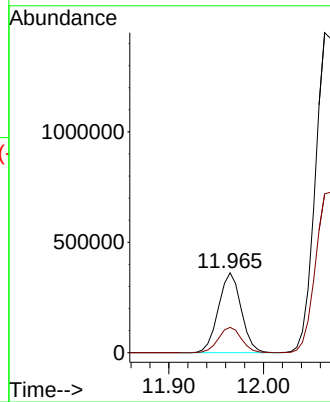
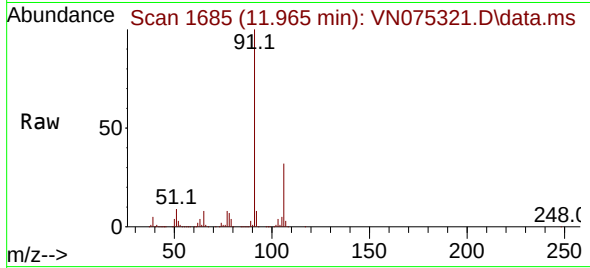




#67
Ethyl Benzene
Concen: 58.527 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

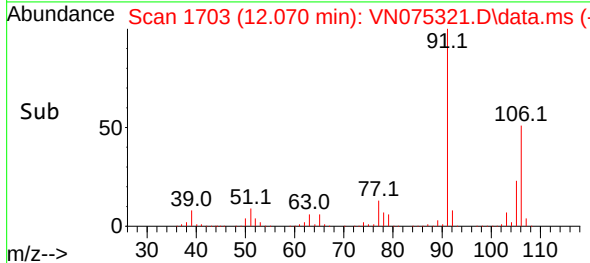
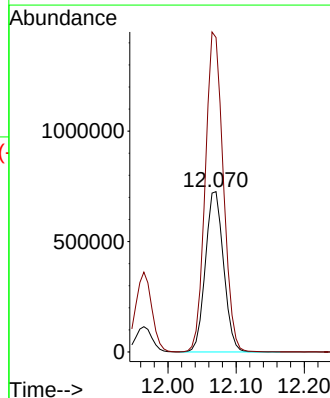
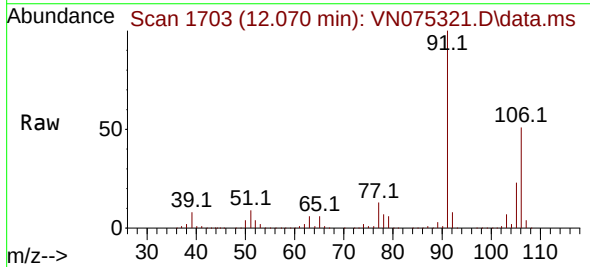
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

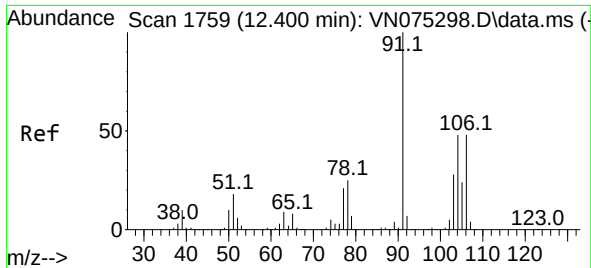
Tgt Ion: 91 Resp: 603939
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 325.691 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion:106 Resp: 1348527
Ion Ratio Lower Upper
106 100
91 197.3 156.0 234.0

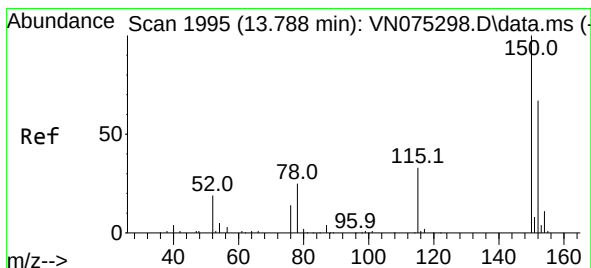
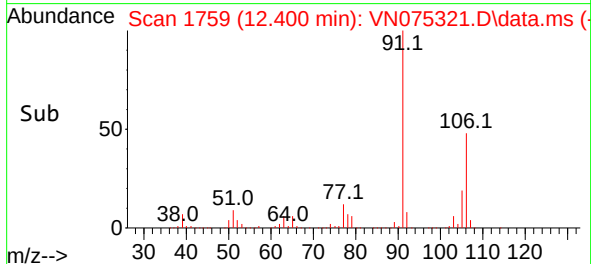
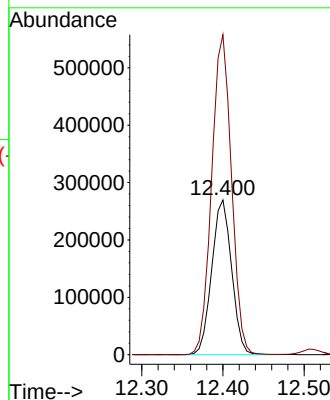
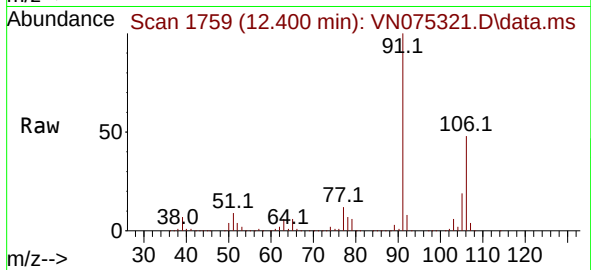




#69
o-Xylene
Concen: 111.836 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

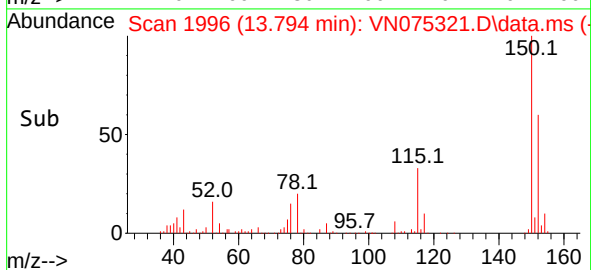
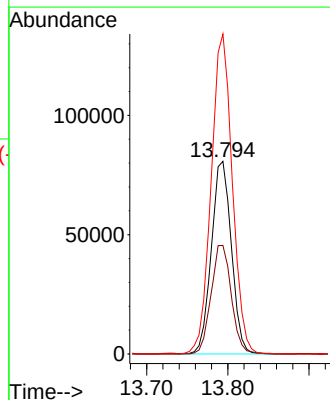
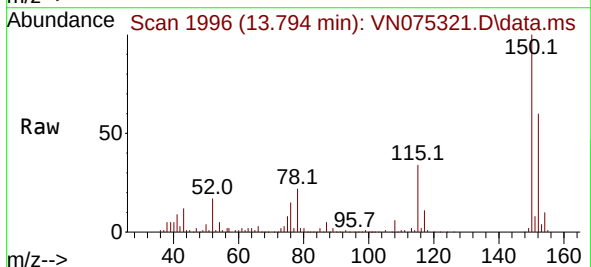
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

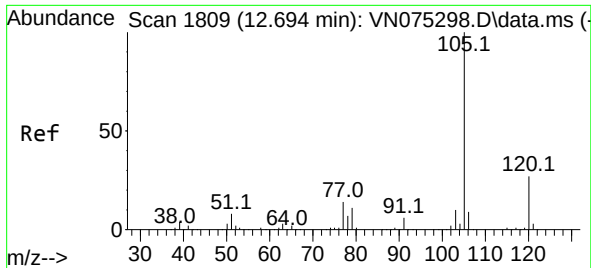
Tgt Ion:106 Resp: 457939
Ion Ratio Lower Upper
106 100
91 206.4 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion:152 Resp: 138436
Ion Ratio Lower Upper
152 100
115 57.1 30.2 90.6
150 175.3 0.0 348.4

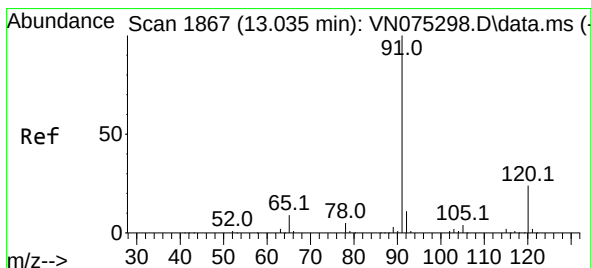
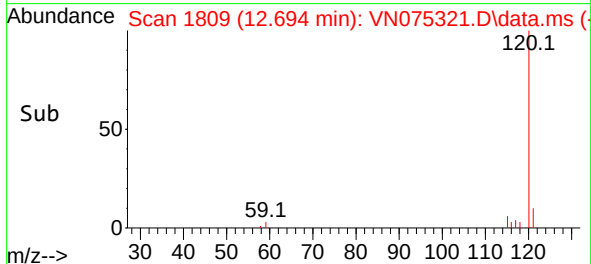
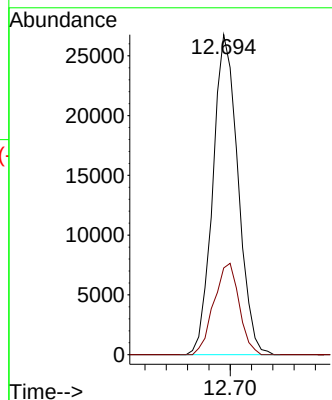
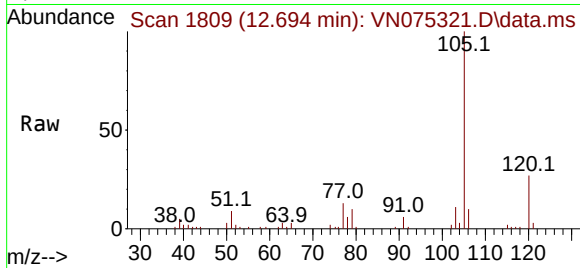




#73
Isopropylbenzene
Concen: 3.948 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

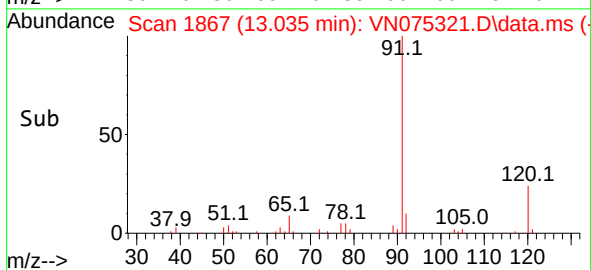
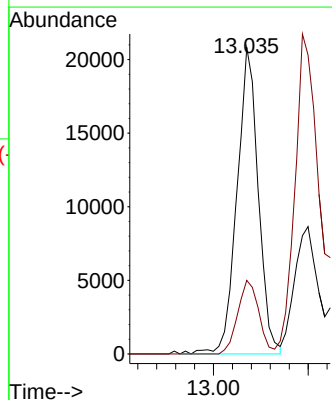
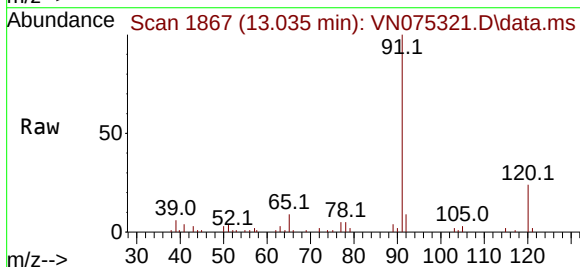
Instrument :
MSVOA_N
ClientSampleId :
COSTAL-DRUM-2

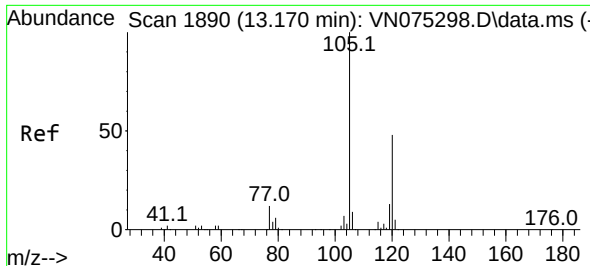
Tgt Ion:105 Resp: 43879
Ion Ratio Lower Upper
105 100
120 28.6 13.1 39.1



#78
n-propylbenzene
Concen: 2.604 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075321.D
Acq: 18 Nov 2022 18:41

Tgt Ion: 91 Resp: 32495
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

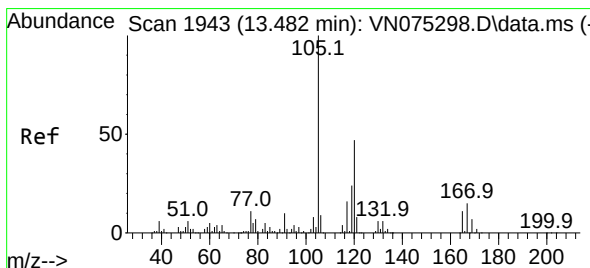
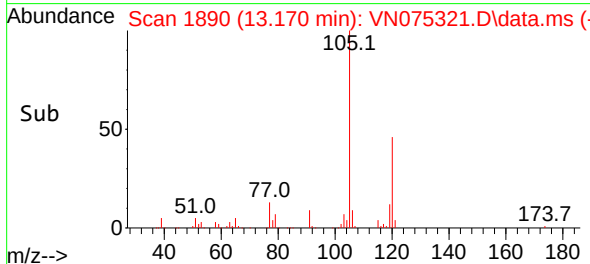
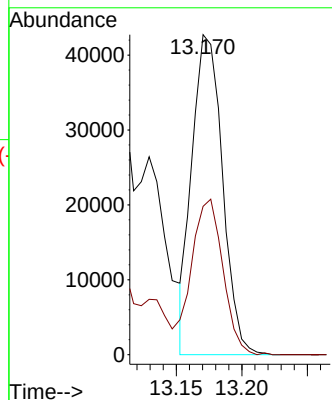
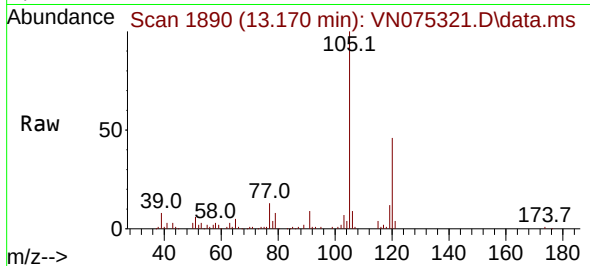




#80
 1,3,5-Trimethylbenzene
 Concen: 7.381 ug/l
 RT: 13.170 min Scan# 1890
 Delta R.T. -0.006 min
 Lab File: VN075321.D
 Acq: 18 Nov 2022 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 COSTAL-DRUM-2

Tgt Ion:105 Resp: 68897
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 10.911 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075321.D
 Acq: 18 Nov 2022 18:41

Tgt Ion:105 Resp: 103052
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1

