

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076155.D
 Acq On : 09 Jan 2023 14:52
 Operator : JC\MD
 Sample : 01052-01 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UST-DRUM

Quant Time: Jan 10 01:06:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	311518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	489352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	424314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	167789	49.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.020%
35) Dibromofluoromethane	8.171	113	149825	49.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	10.571	98	571217	50.413	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.853	95	180987	48.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	711	0.293	ug/l #	44
11) Tert butyl alcohol	5.530	59	2127	4.435	ug/l #	72
15) Acrylonitrile	5.794	53	331	0.253	ug/l #	2
16) Acetone	4.453	43	16507	14.130	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	75919	8.350	ug/l	92
20) Methylene Chloride	5.277	84	2880	0.285	ug/l	94
25) 2-Butanone	7.494	43	17822	10.895	ug/l	96
31) Cyclohexane	8.235	56	7862	1.620	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	22769	5.656	ug/l #	50
37) Ethyl Acetate	7.494	43	17822	5.511	ug/l #	65
38) Carbon Tetrachloride	8.235	117	30206	6.704	ug/l #	15
39) Methylcyclohexane	9.600	83	2961	0.610	ug/l #	88
40) Benzene	8.618	78	31349	2.524	ug/l	97
43) Isopropyl Acetate	8.783	43	1317	0.247	ug/l #	62
51) 4-Methyl-2-Pentanone	10.453	43	2281	0.707	ug/l	88
52) Toluene	10.635	92	100998	12.485	ug/l	99
53) t-1,3-Dichloropropene	10.635	75	1030	0.239	ug/l #	1
59) 2-Hexanone	11.194	43	958	0.407	ug/l #	52
67) Ethyl Benzene	11.965	91	66840	4.547	ug/l	98
68) m/p-Xylenes	12.071	106	85052	14.620	ug/l	100
69) o-Xylene	12.400	106	46572	8.089	ug/l	99
70) Styrene	12.406	104	2662	0.291	ug/l #	1
71) Bromoform	12.841	173	1747	0.744	ug/l #	1
73) Isopropylbenzene	12.694	105	14698	1.099	ug/l	94
74) N-amyl acetate	12.482	43	865	0.221	ug/l #	52
76) 1,2,3-Trichloropropane	12.847	75	95720	25.667	ug/l #	1
78) n-propylbenzene	13.035	91	26882	1.823	ug/l	98
79) 2-Chlorotoluene	13.100	91	10014	1.088	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	33820	3.022	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	95720	92.387	ug/l #	12
82) 4-Chlorotoluene	13.100	91	10014	1.088	ug/l #	40
83) tert-Butylbenzene	13.482	119	15113	1.532	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.482	105	124538	11.219	ug/l	100
85) sec-Butylbenzene	13.617	105	11089	0.814	ug/l	95
86) p-Isopropyltoluene	13.729	119	6471	0.571	ug/l	92
89) n-Butylbenzene	14.059	91	6386	0.696	ug/l #	82

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

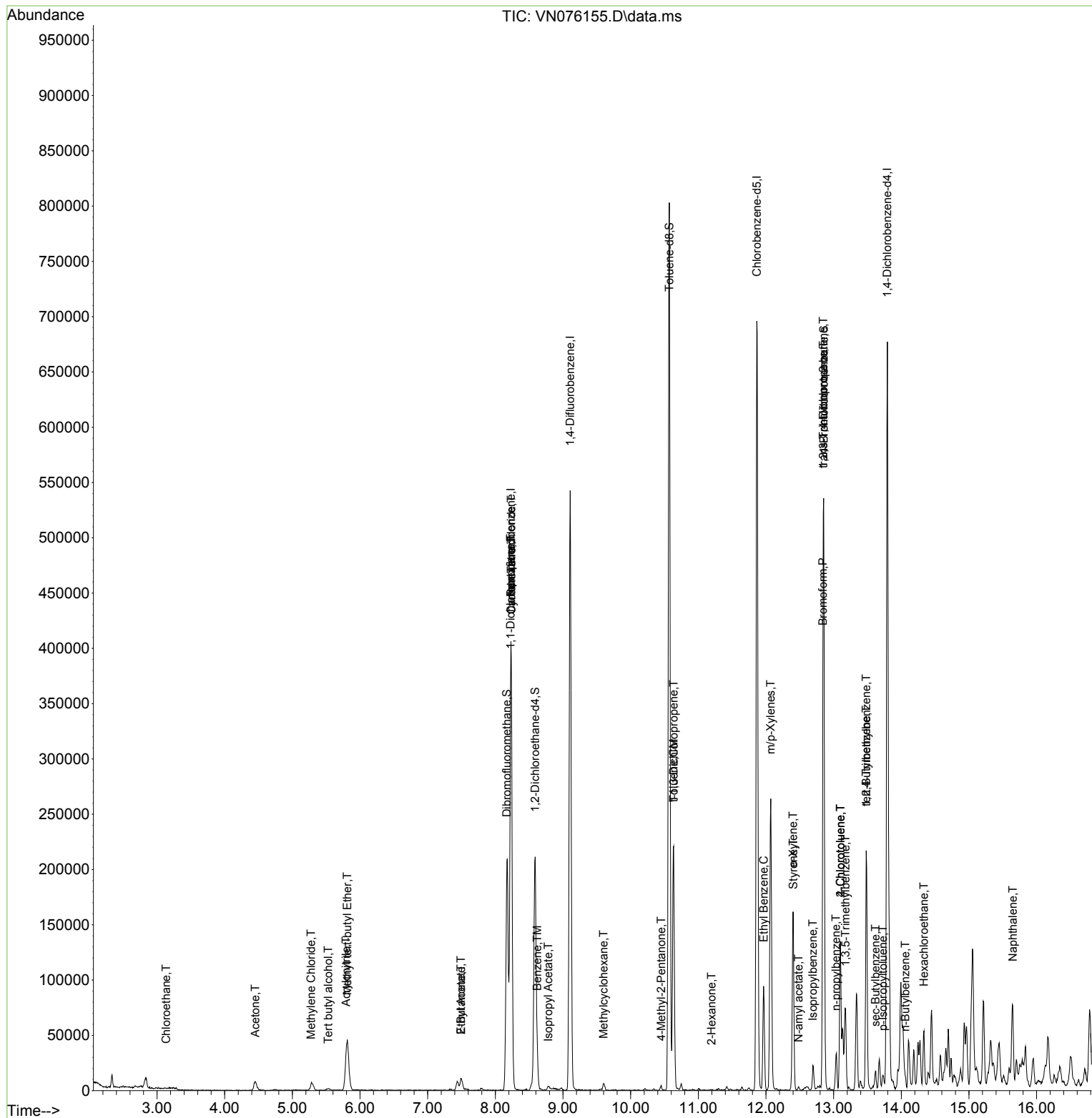
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.335	117	3156	1.557	ug/l #	11
95) Naphthalene	15.647	128	71637	8.982	ug/l	99

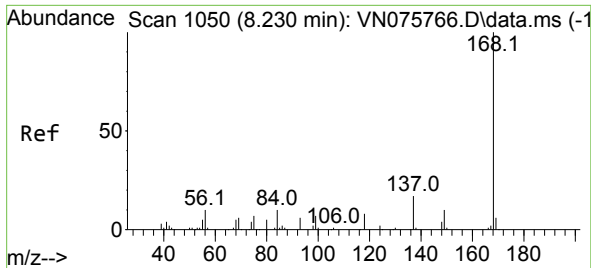
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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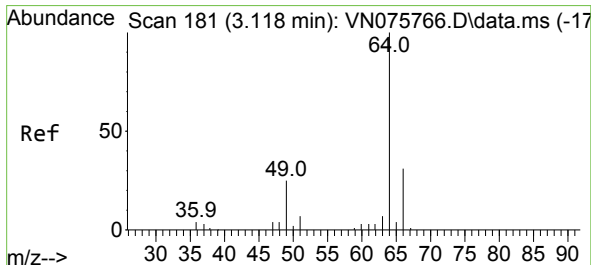
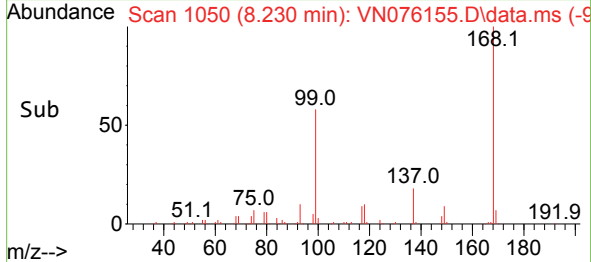
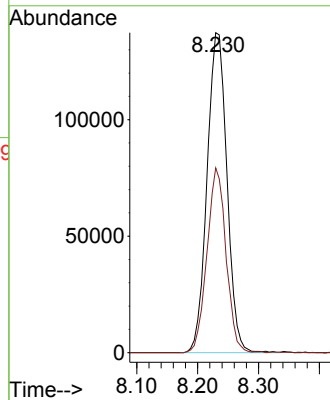
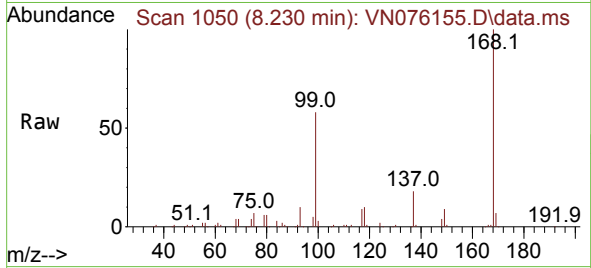




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

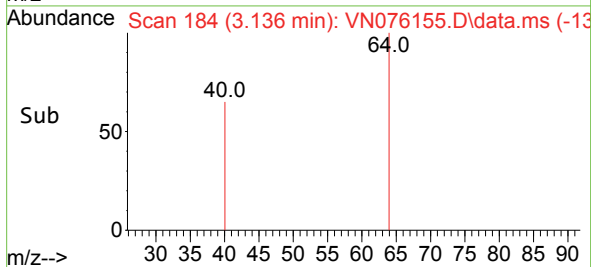
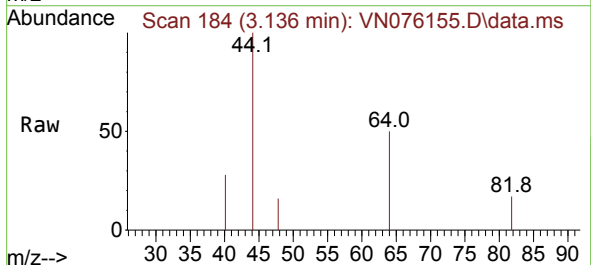
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

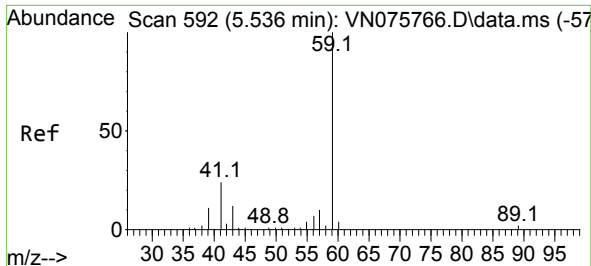
Tgt Ion:168 Resp: 311518
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#6
Chloroethane
Concen: 0.293 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 64 Resp: 711
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

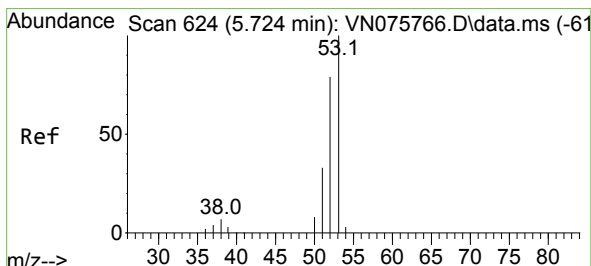
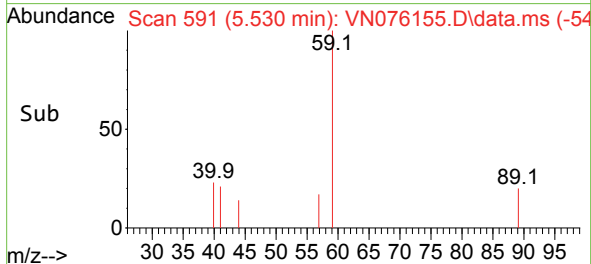
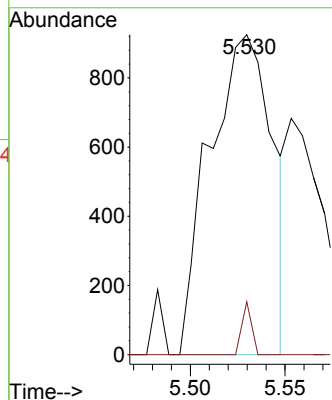
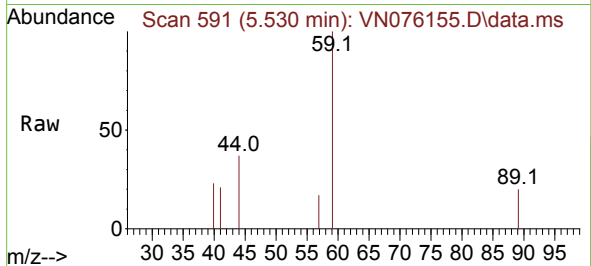




#11
Tert butyl alcohol
Concen: 4.435 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

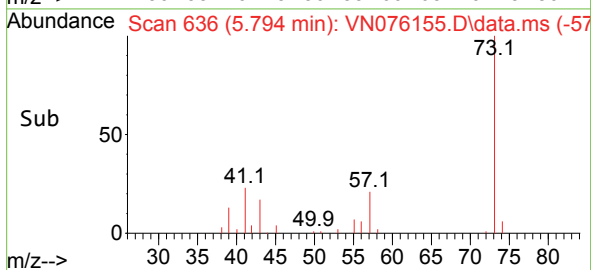
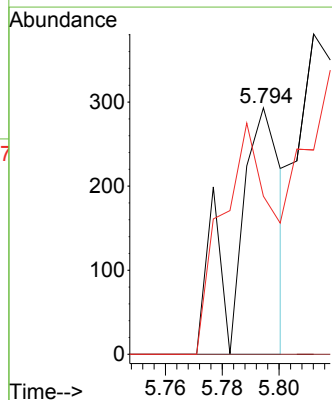
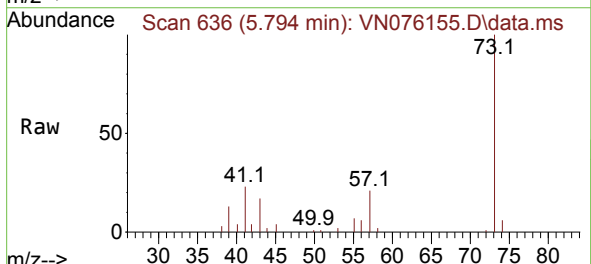
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

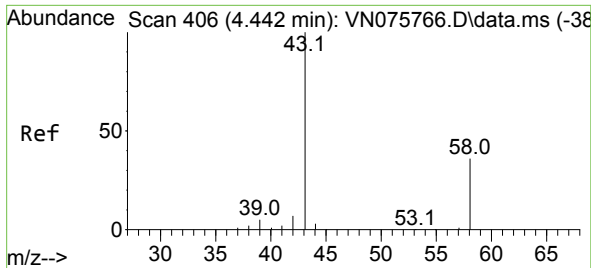
Tgt Ion: 59 Resp: 2127
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#15
Acrylonitrile
Concen: 0.253 ug/l
RT: 5.794 min Scan# 636
Delta R.T. 0.071 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 53 Resp: 331
Ion Ratio Lower Upper
53 100
52 0.0 65.4 98.0#
51 101.5 28.9 43.3#





#16

Acetone

Concen: 14.130 ug/l

RT: 4.453 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

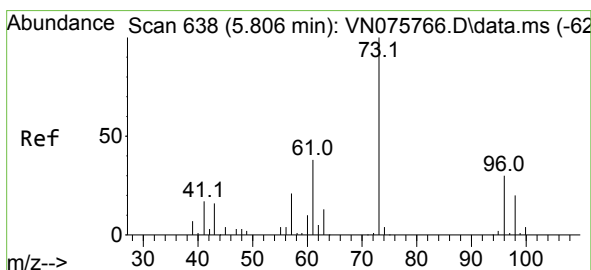
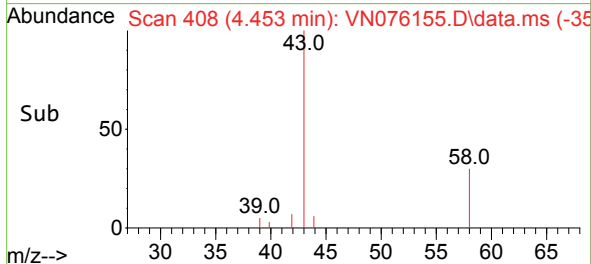
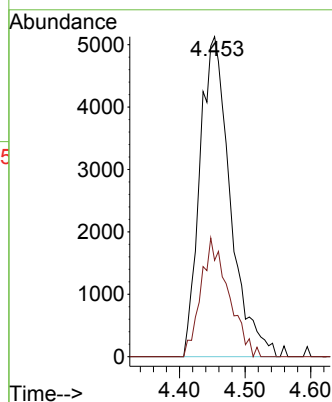
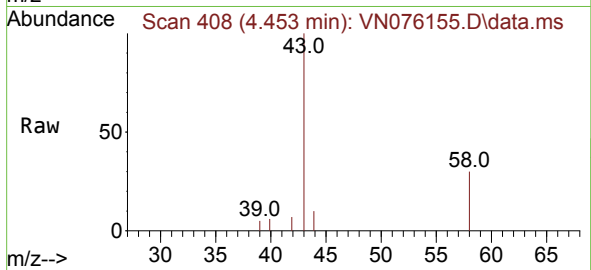
UST-DRUM

Tgt Ion: 43 Resp: 16507

Ion Ratio Lower Upper

43 100

58 30.1 28.6 43.0



#19

Methyl tert-butyl Ether

Concen: 8.350 ug/l

RT: 5.812 min Scan# 639

Delta R.T. 0.006 min

Lab File: VN076155.D

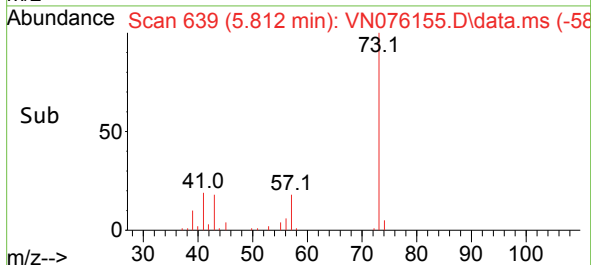
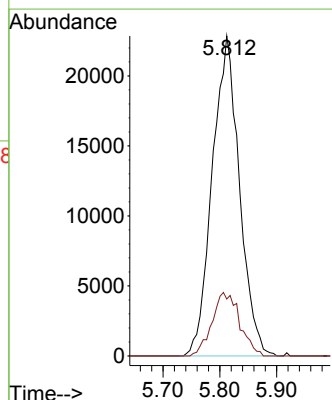
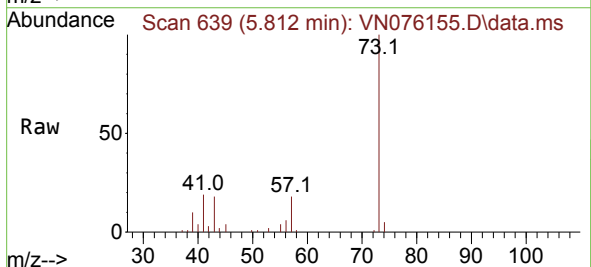
Acq: 09 Jan 2023 14:52

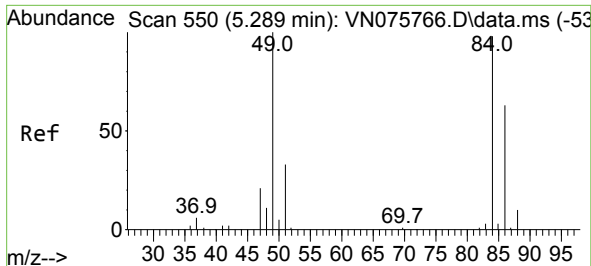
Tgt Ion: 73 Resp: 75919

Ion Ratio Lower Upper

73 100

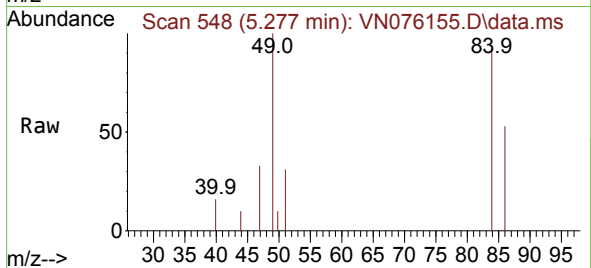
57 17.8 17.1 25.7





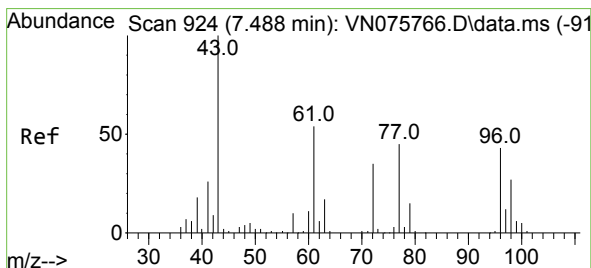
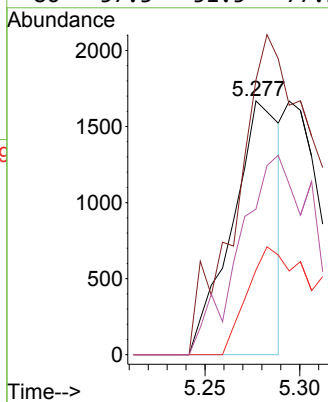
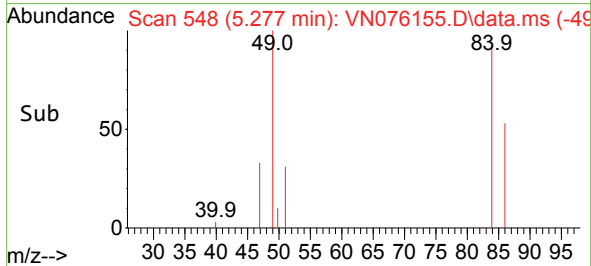
#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

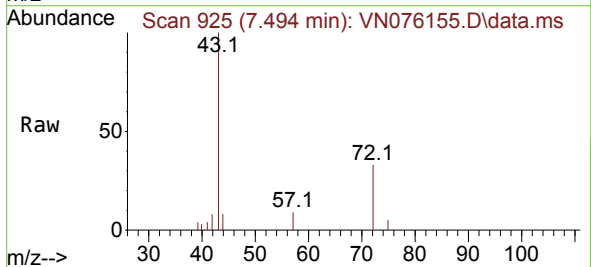


Tgt Ion: 84 Resp: 2880

Ion	Ratio	Lower	Upper
84	100		
49	108.2	81.8	122.6
51	33.4	26.7	40.1
86	57.3	51.5	77.3

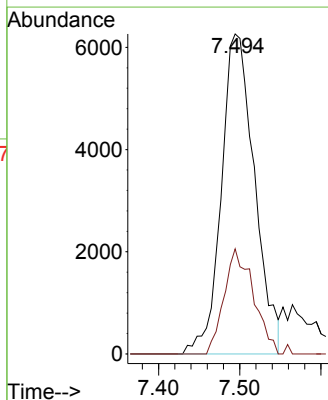
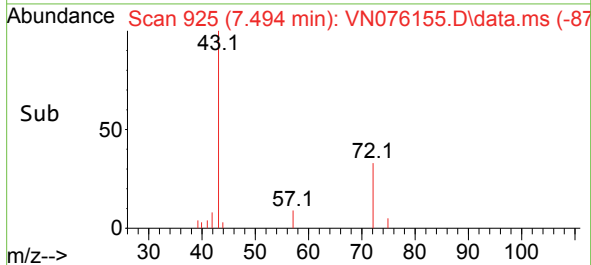


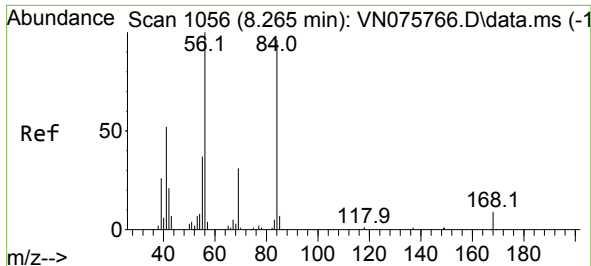
#25
2-Butanone
Concen: 10.895 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52



Tgt Ion: 43 Resp: 17822

Ion	Ratio	Lower	Upper
43	100		
72	32.8	28.0	42.0

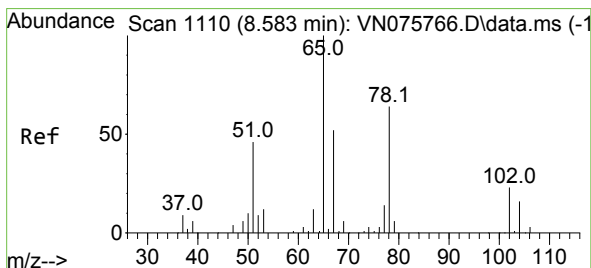
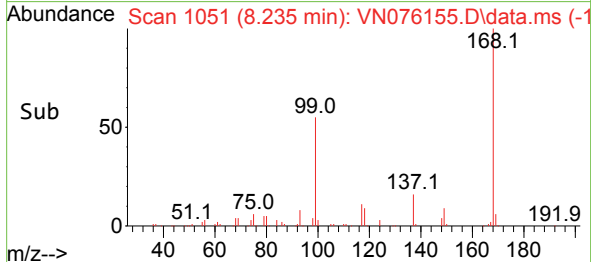
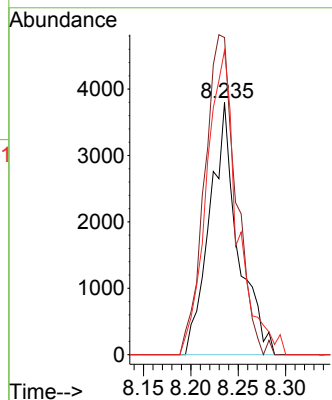
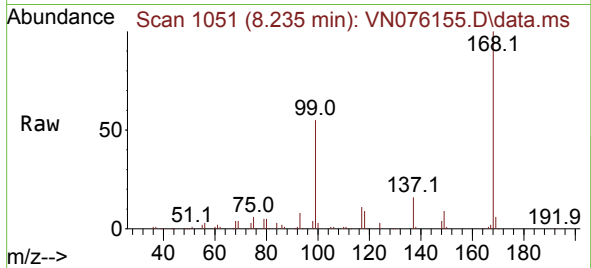




#31
Cyclohexane
Concen: 1.620 ug/l
RT: 8.235 min Scan# 1056
Delta R.T. -0.029 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

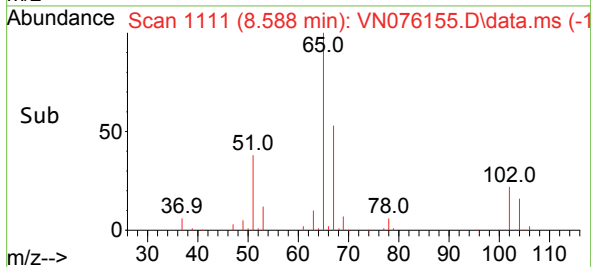
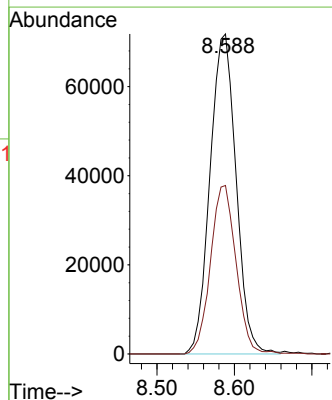
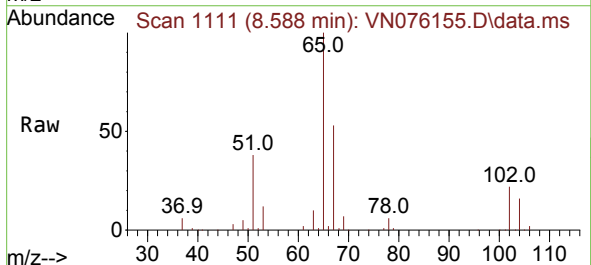
Instrument :
MSVOA_N
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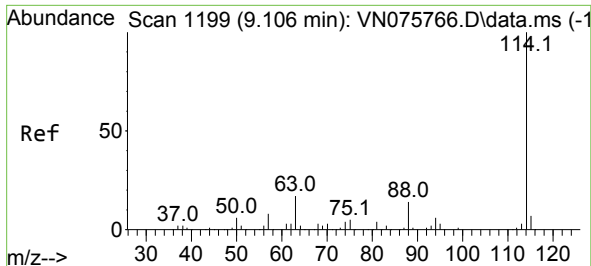
Tgt Ion: 56 Resp: 7862
Ion Ratio Lower Upper
56 100
69 125.8 24.7 37.1#
84 120.7 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.510 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 65 Resp: 167789
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

UST-DRUM

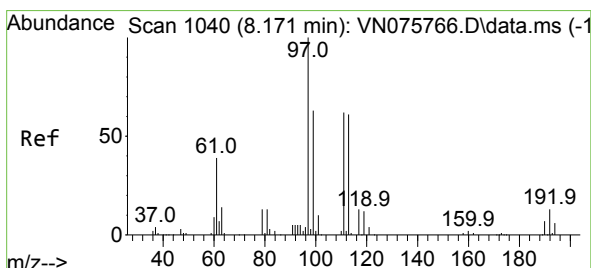
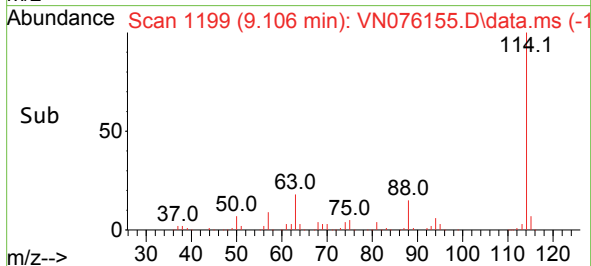
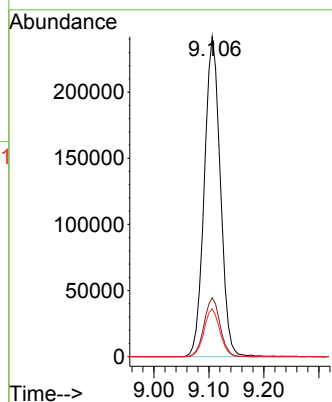
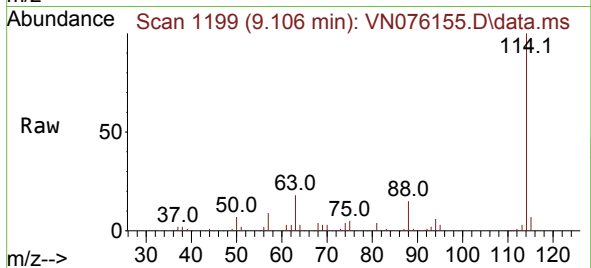
Tgt Ion:114 Resp: 489352

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.439 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

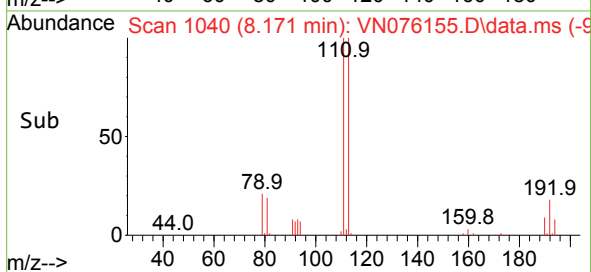
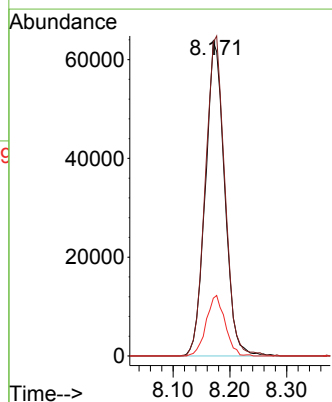
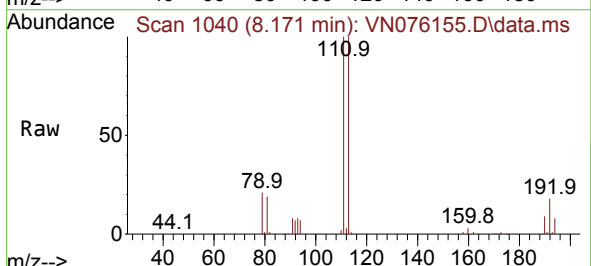
Tgt Ion:113 Resp: 149825

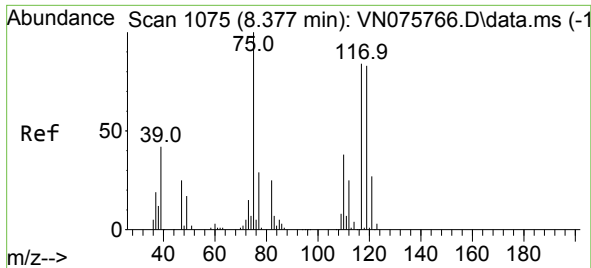
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 18.9 16.1 24.1

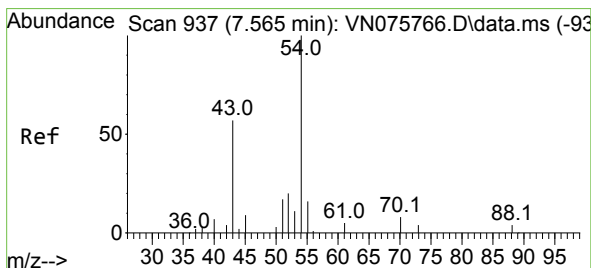
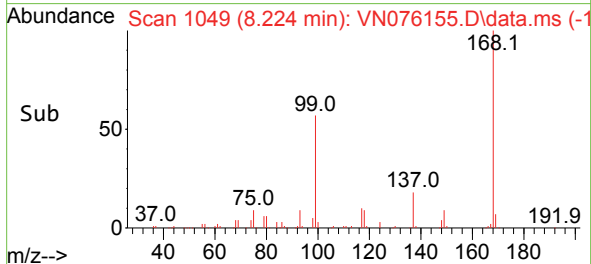
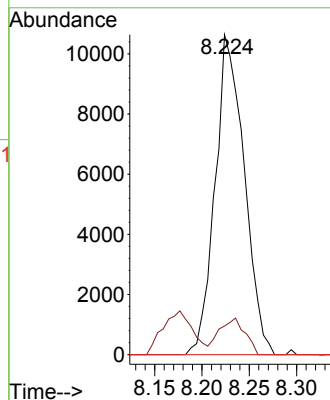
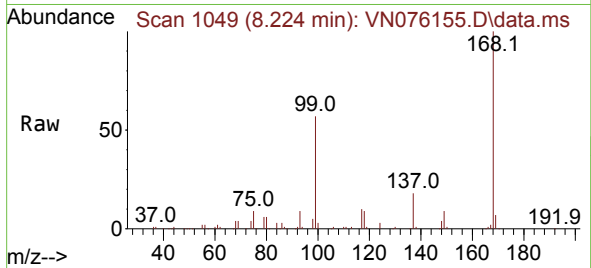




#36
1,1-Dichloropropene
Concen: 5.656 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

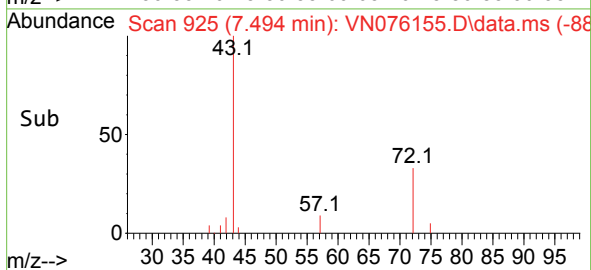
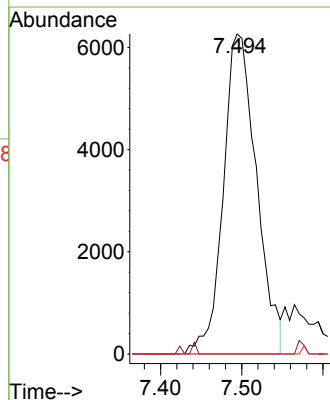
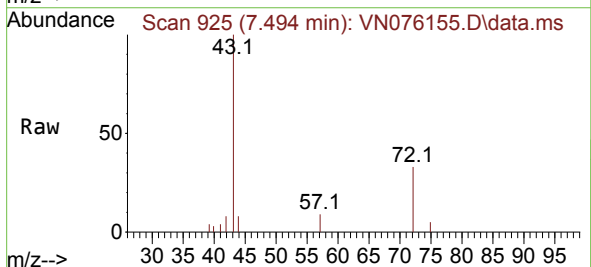
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

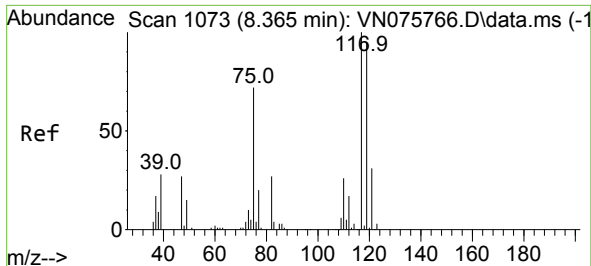
Tgt Ion: 75 Resp: 22769
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 5.511 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.071 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 43 Resp: 17822
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#

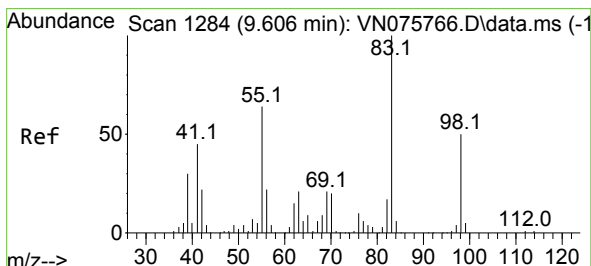
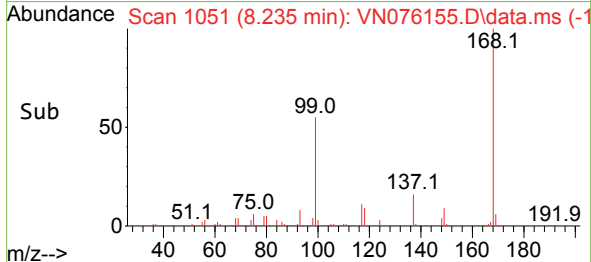
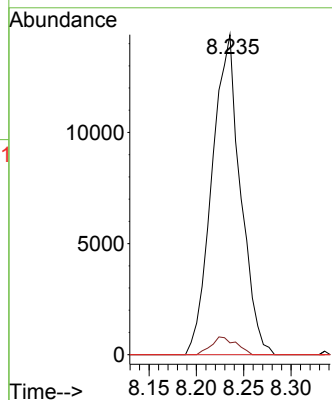
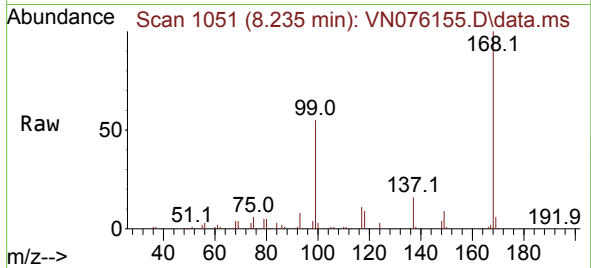




#38
Carbon Tetrachloride
Concen: 6.704 ug/l
RT: 8.235 min Scan# 1073
Delta R.T. -0.129 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

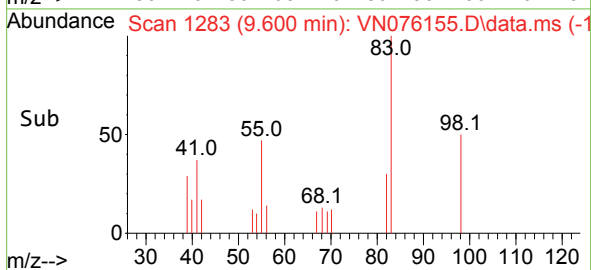
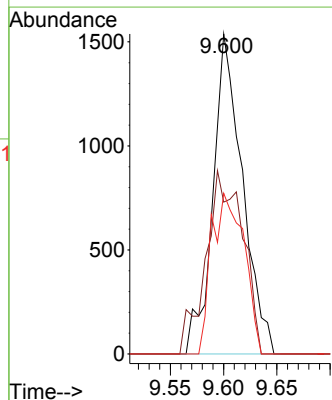
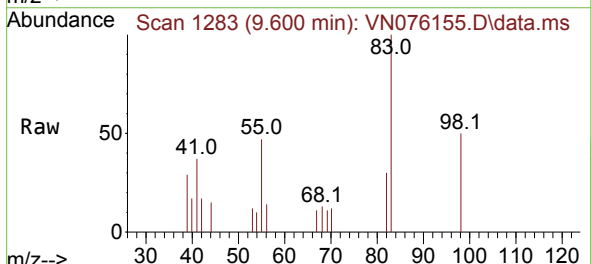
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

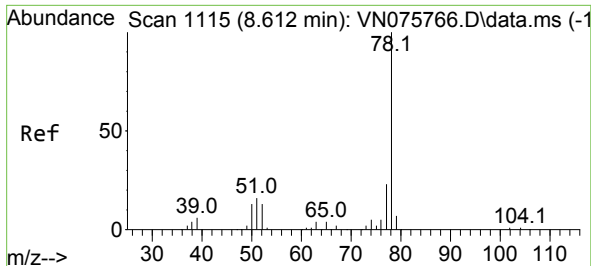
Tgt Ion:117 Resp: 30206
Ion Ratio Lower Upper
117 100
119 3.7 76.1 114.1#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.610 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 83 Resp: 2961
Ion Ratio Lower Upper
83 100
55 47.5 51.4 77.0#
98 50.2 39.8 59.8

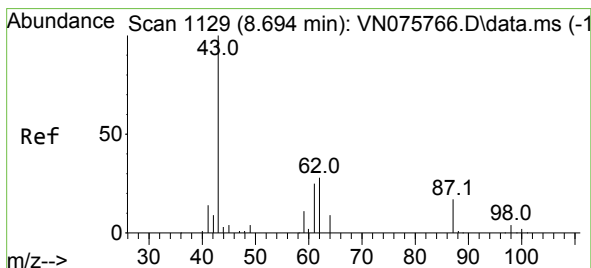
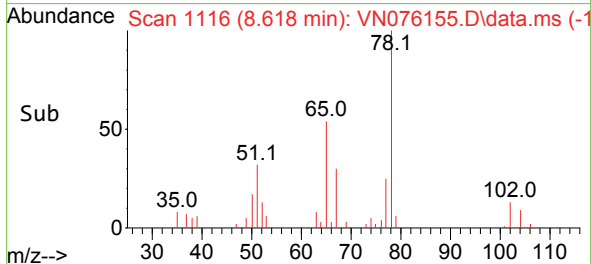
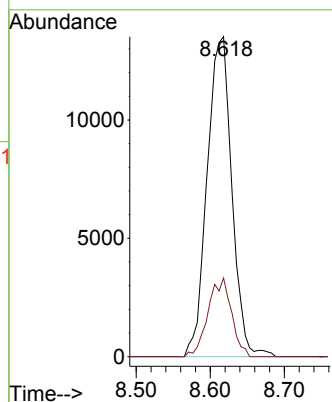
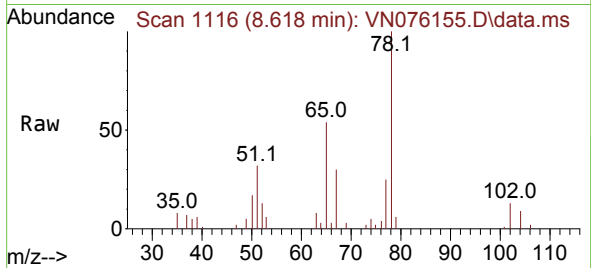




#40
Benzene
Concen: 2.524 ug/l
RT: 8.618 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

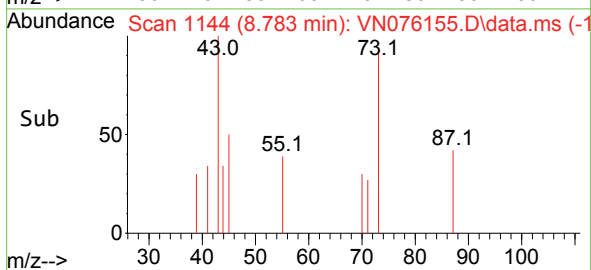
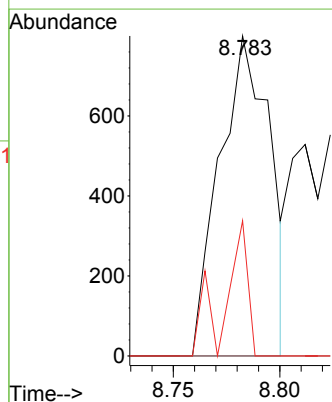
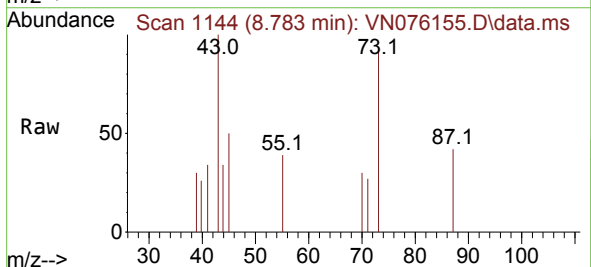
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

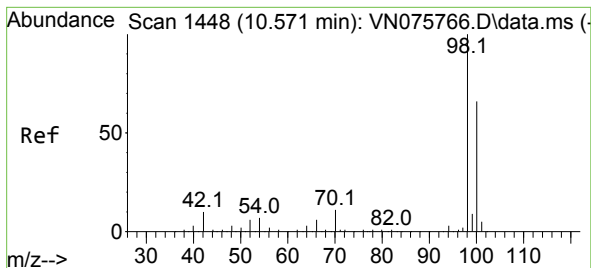
Tgt Ion: 78 Resp: 31349
Ion Ratio Lower Upper
78 100
77 24.6 18.5 27.7



#43
Isopropyl Acetate
Concen: 0.247 ug/l
RT: 8.783 min Scan# 1144
Delta R.T. 0.088 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 19.4 13.3 19.9





#50

Toluene-d8

Concen: 50.413 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

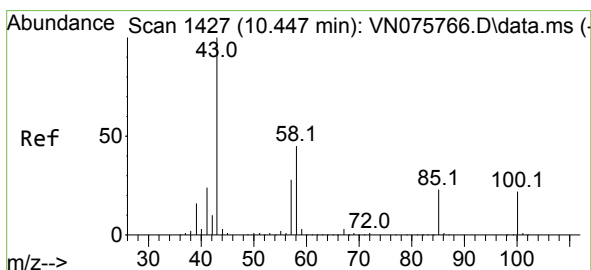
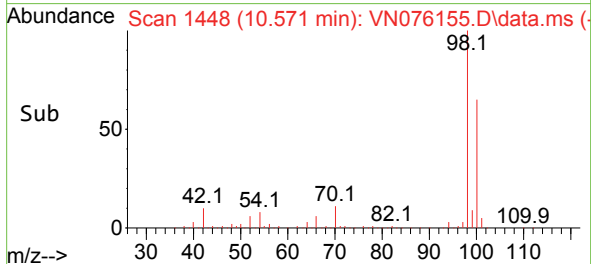
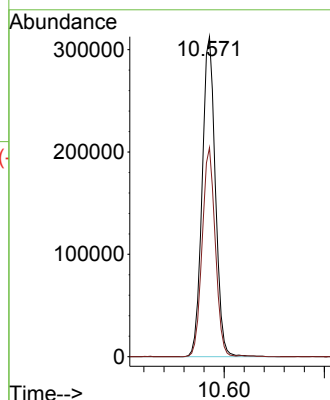
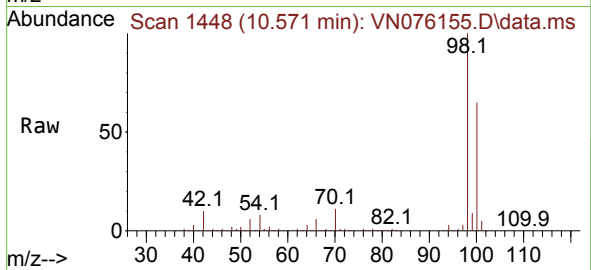
UST-DRUM

Tgt Ion: 98 Resp: 571217

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 0.707 ug/l

RT: 10.453 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VN076155.D

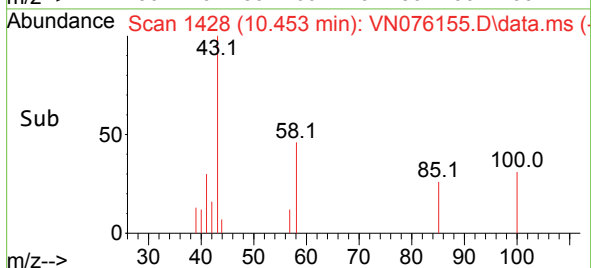
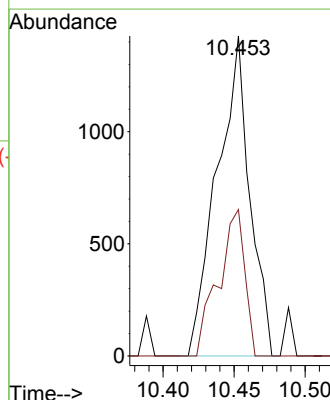
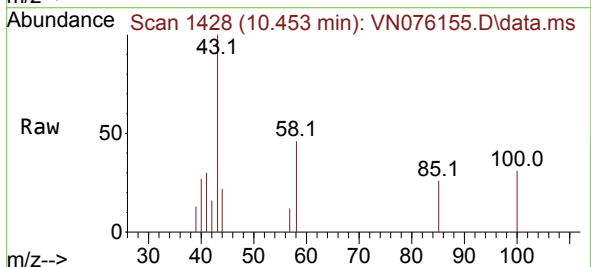
Acq: 09 Jan 2023 14:52

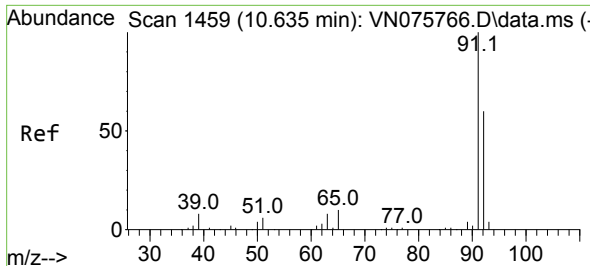
Tgt Ion: 43 Resp: 2281

Ion Ratio Lower Upper

43 100

58 36.9 35.5 53.3

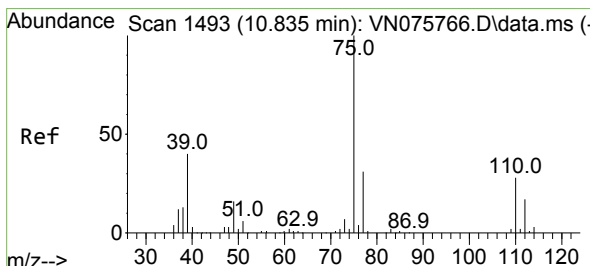
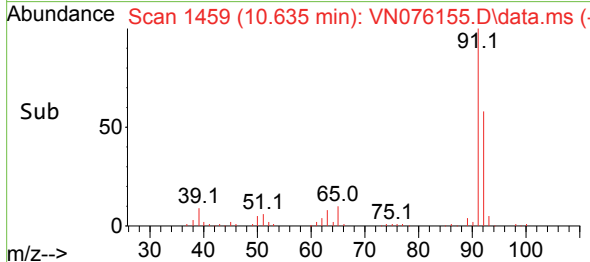
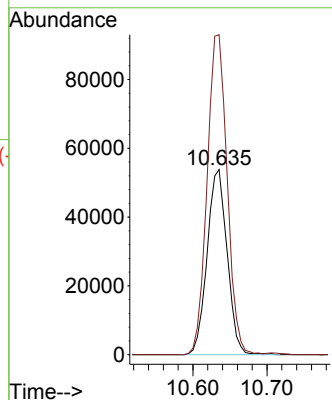
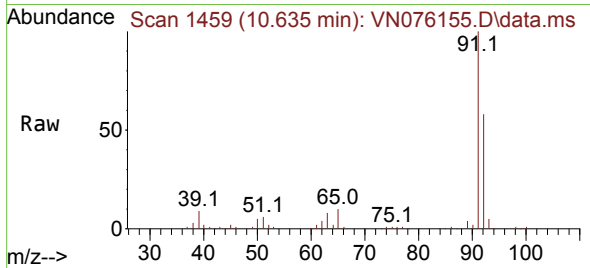




#52
Toluene
Concen: 12.485 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

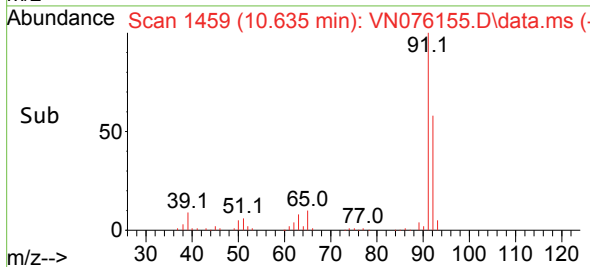
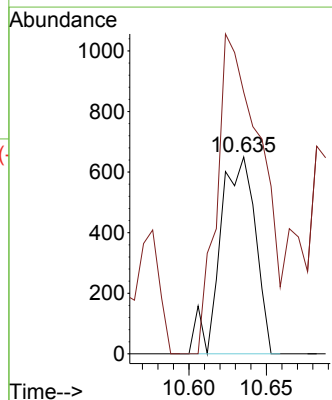
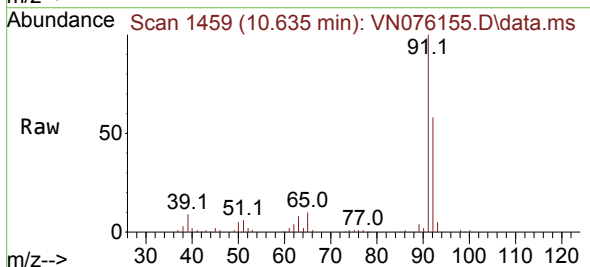
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

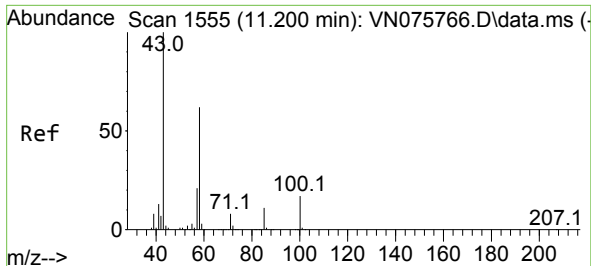
Tgt Ion: 92 Resp: 100998
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.239 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.200 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
77 132.9 24.9 37.3#

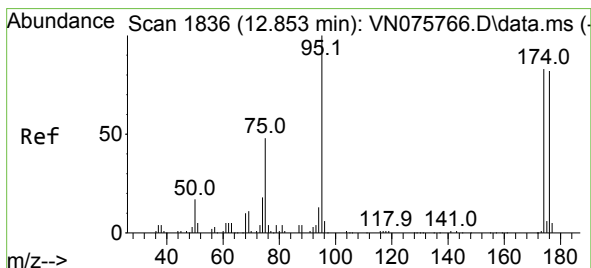
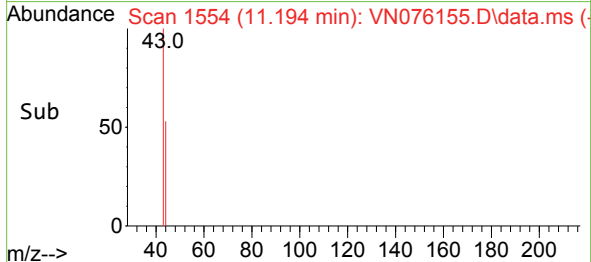
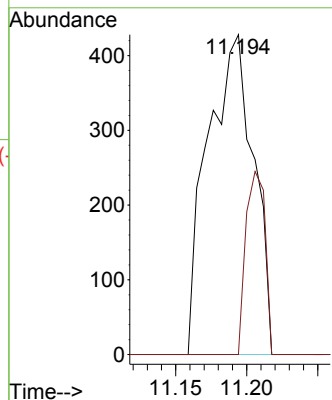
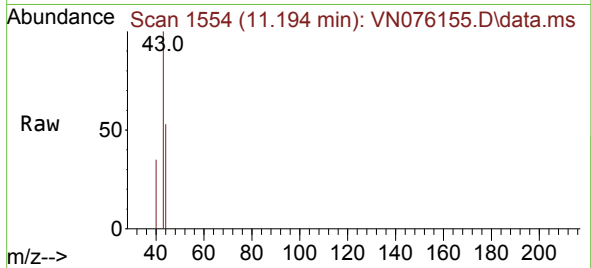




#59
2-Hexanone
Concen: 0.407 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

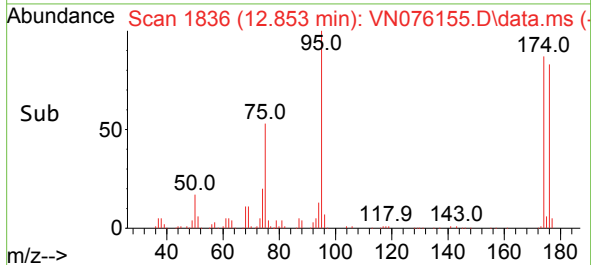
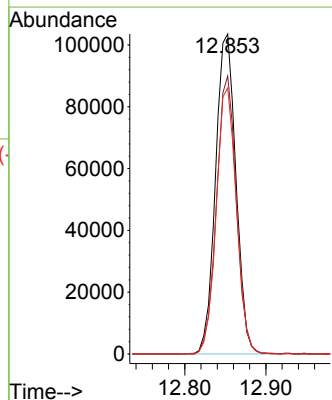
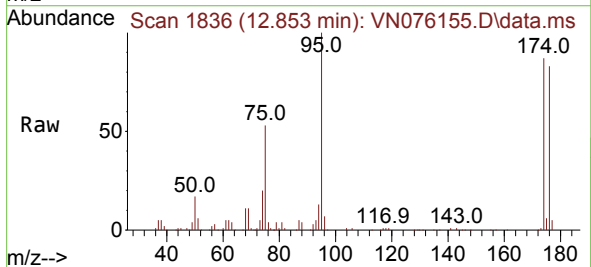
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

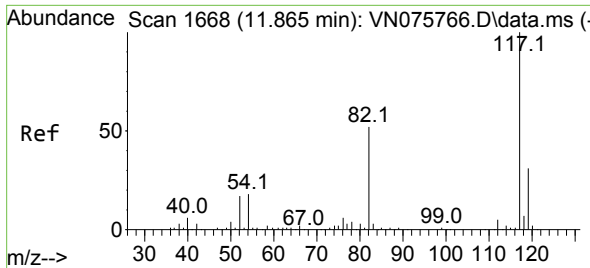
Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 24.2 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 48.227 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 95 Resp: 180987
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.6
176 82.0 0.0 169.2

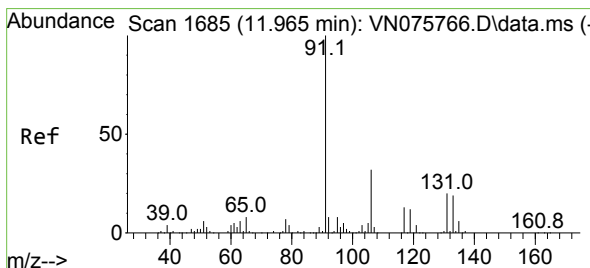
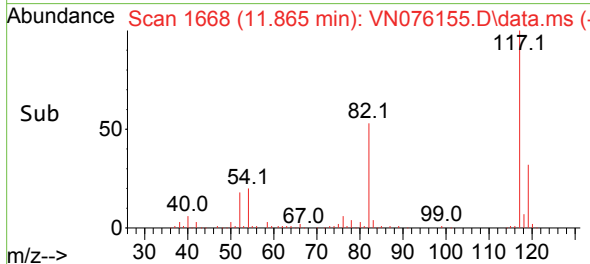
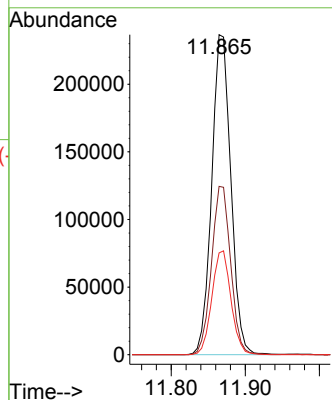
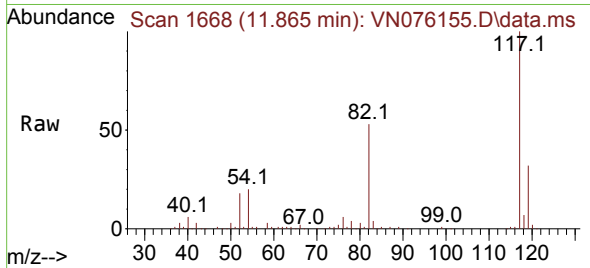




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

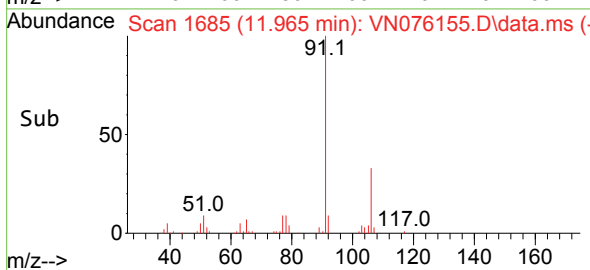
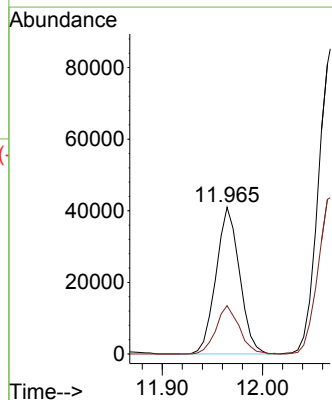
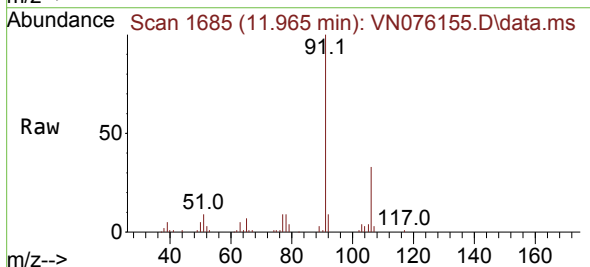
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

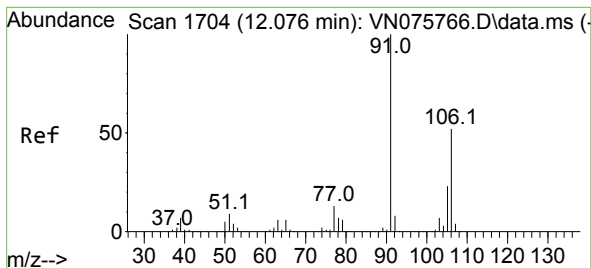
Tgt Ion:117 Resp: 424314
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 31.8 24.6 37.0



#67
Ethyl Benzene
Concen: 4.547 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 91 Resp: 66840
Ion Ratio Lower Upper
91 100
106 33.0 25.7 38.5





#68

m/p-Xylenes

Concen: 14.620 ug/l

RT: 12.071 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

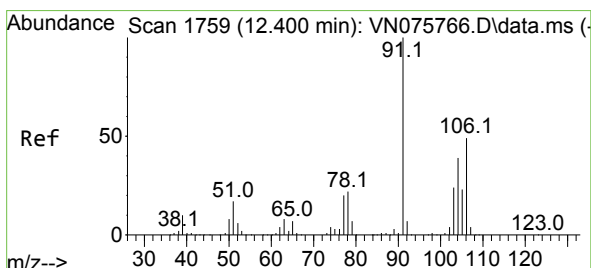
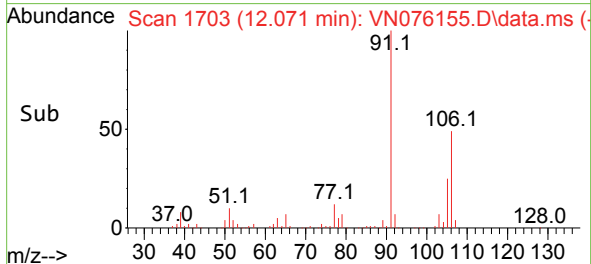
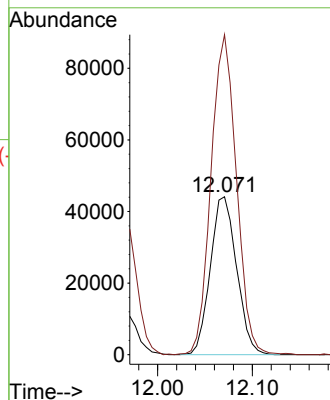
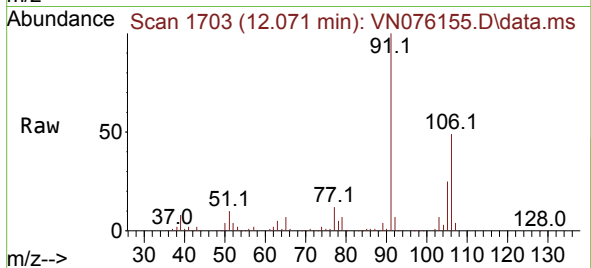
UST-DRUM

Tgt Ion:106 Resp: 85052

Ion Ratio Lower Upper

106 100

91 196.0 156.6 235.0



#69

o-Xylene

Concen: 8.089 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN076155.D

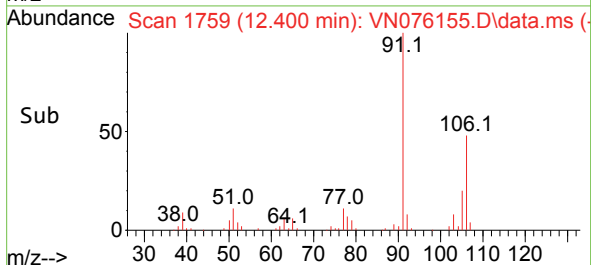
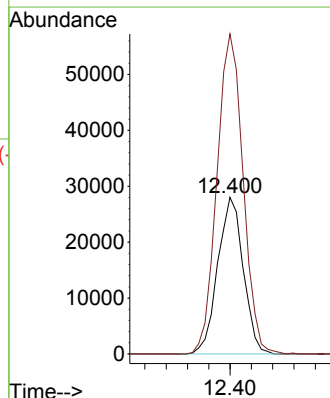
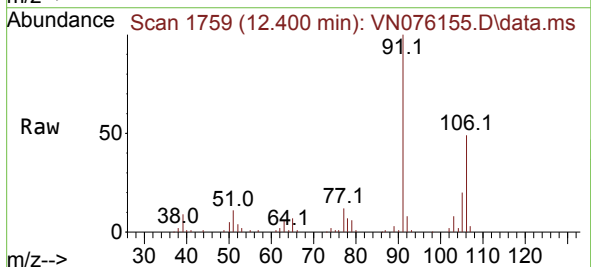
Acq: 09 Jan 2023 14:52

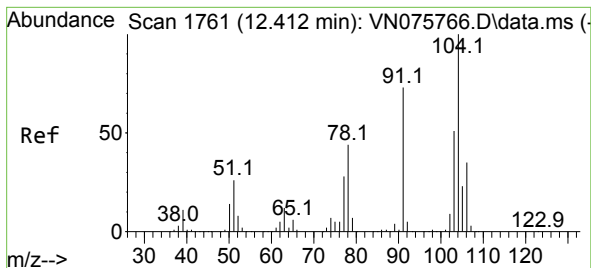
Tgt Ion:106 Resp: 46572

Ion Ratio Lower Upper

106 100

91 209.4 103.8 311.6





#70

Styrene

Concen: 0.291 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

UST-DRUM

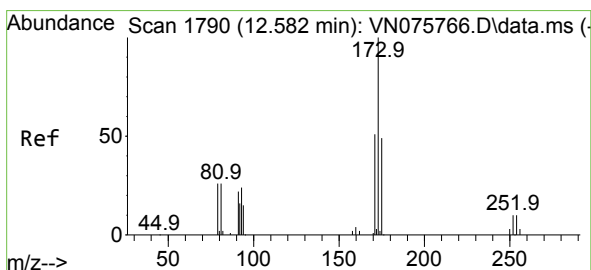
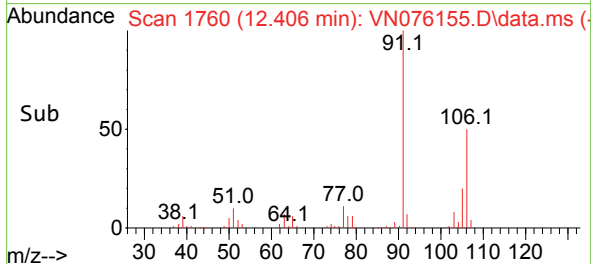
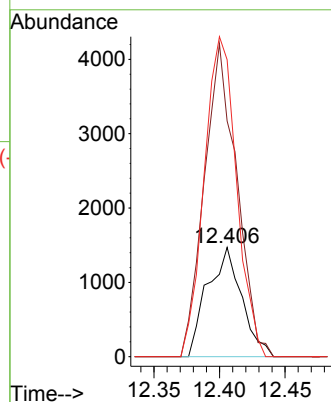
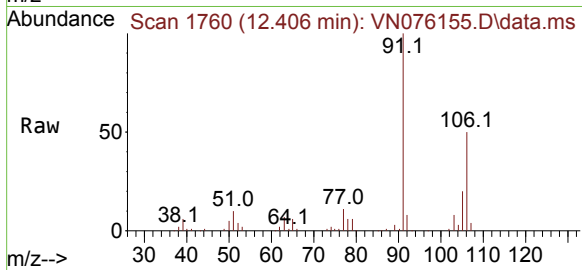
Tgt Ion:104 Resp: 2662

Ion Ratio Lower Upper

104 100

78 271.8 37.5 56.3#

103 277.7 43.5 65.3#



#71

Bromoform

Concen: 0.744 ug/l

RT: 12.841 min Scan# 1834

Delta R.T. 0.259 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

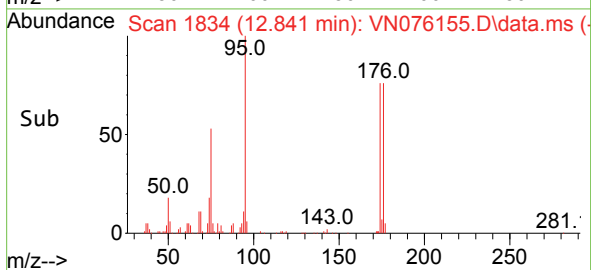
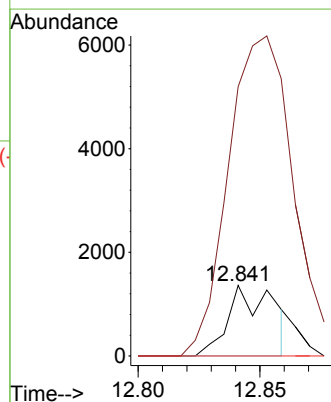
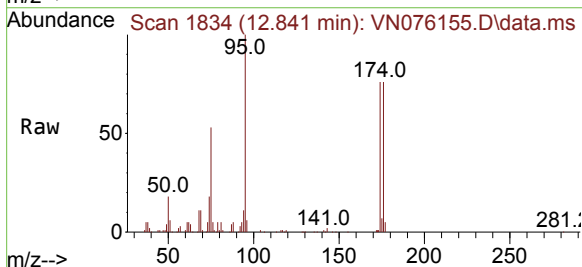
Tgt Ion:173 Resp: 1747

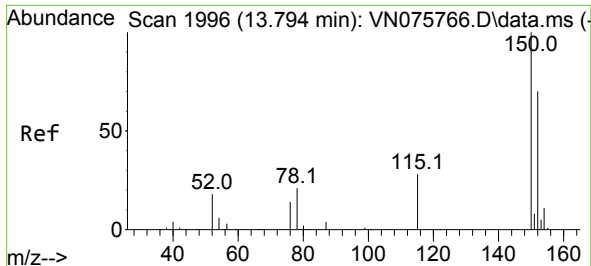
Ion Ratio Lower Upper

173 100

175 545.3 24.3 72.8#

254 0.0 0.0 0.0

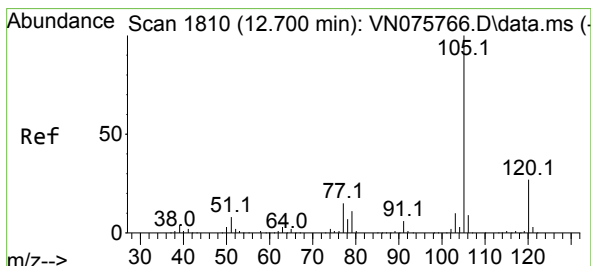
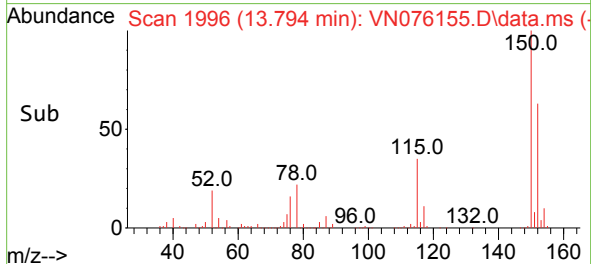
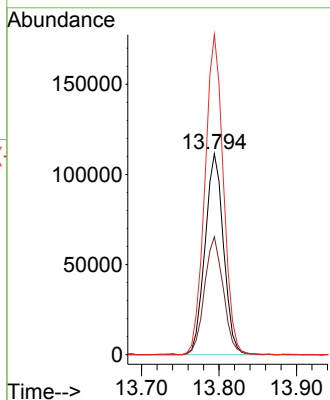
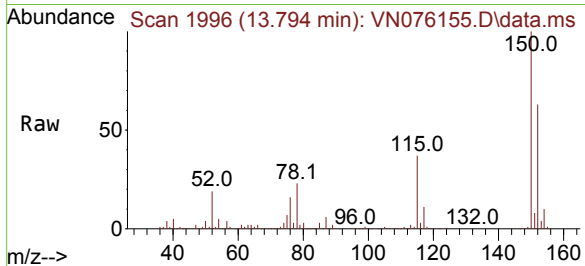




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

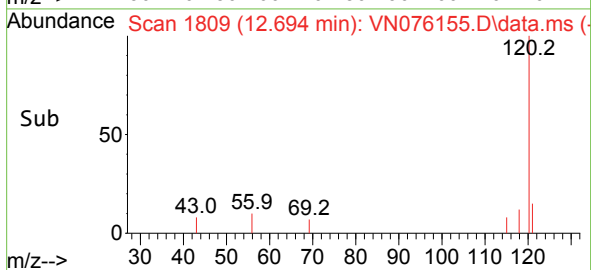
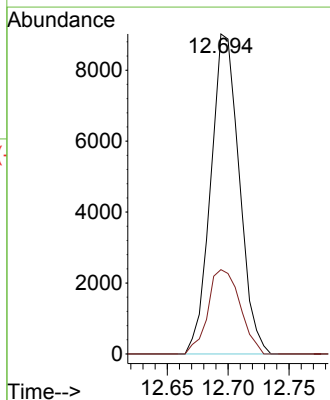
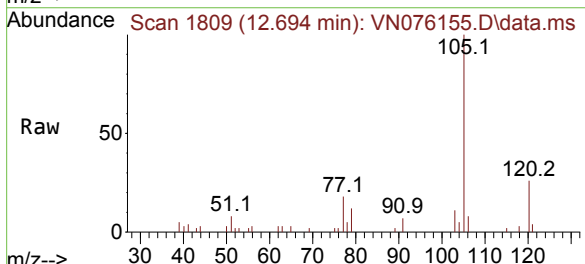
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

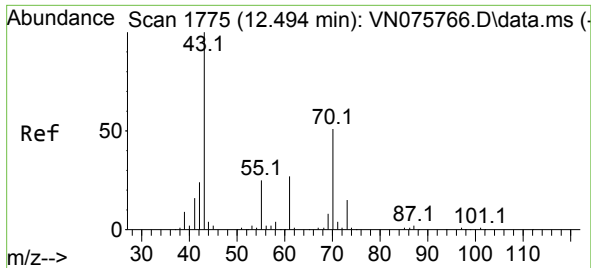
Tgt Ion:152 Resp: 185011
Ion Ratio Lower Upper
152 100
115 60.0 29.1 87.4
150 158.8 0.0 347.0



#73
Isopropylbenzene
Concen: 1.099 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion:105 Resp: 14698
Ion Ratio Lower Upper
105 100
120 29.7 13.4 40.2

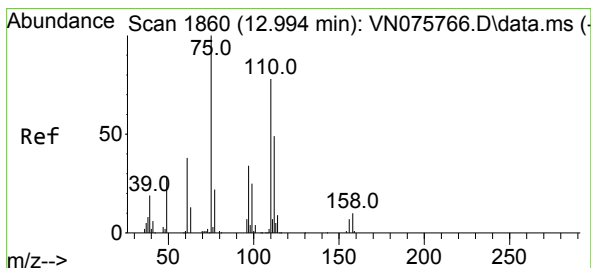
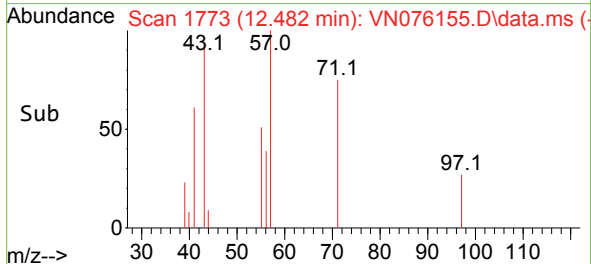
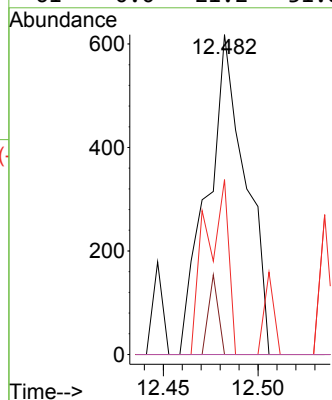
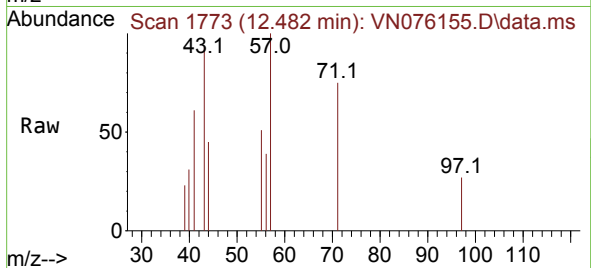




#74
N-amy1 acetate
Concen: 0.221 ug/l
RT: 12.482 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

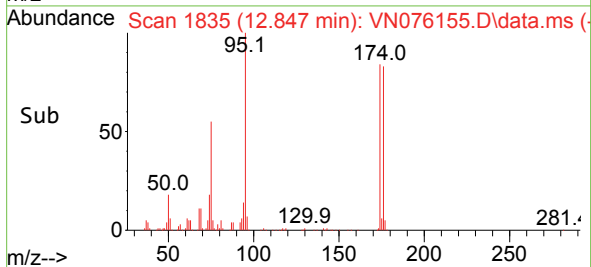
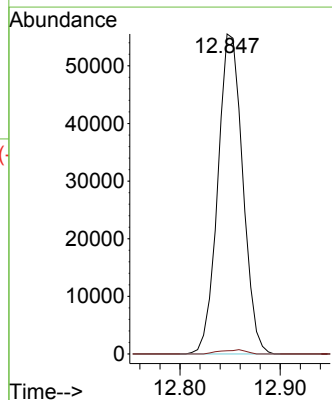
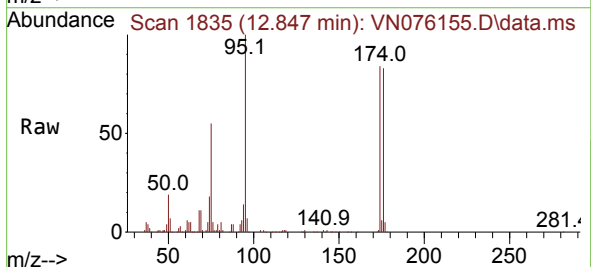
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

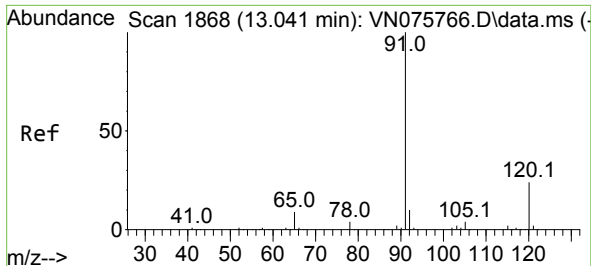
Tgt Ion: 43	Resp:	865	
Ion	Ratio	Lower	Upper
43	100		
70	6.2	41.4	62.0#
55	32.5	21.3	31.9#
61	0.0	21.2	31.8#



#76
1,2,3-Trichloropropane
Concen: 25.667 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 75	Resp:	95720	
Ion Ratio	Lower	Upper	
75 100			
77 1.4	82.6	247.8#	

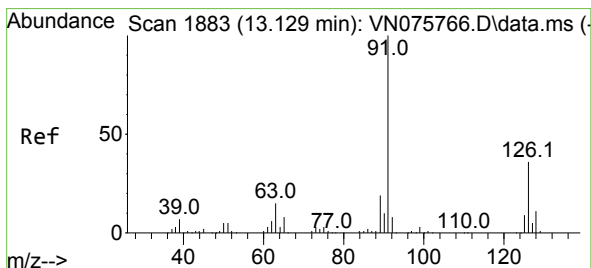
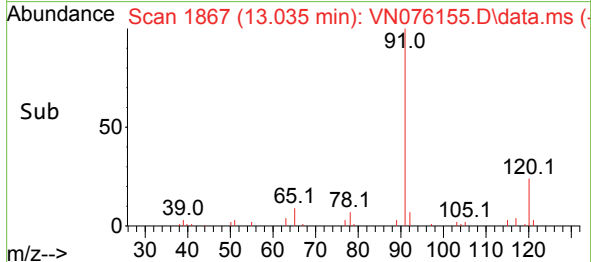
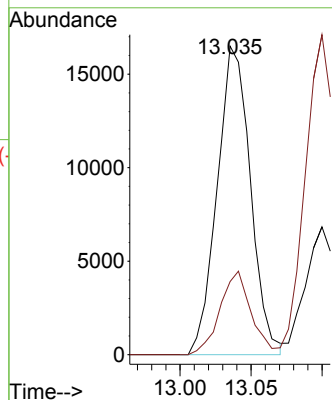
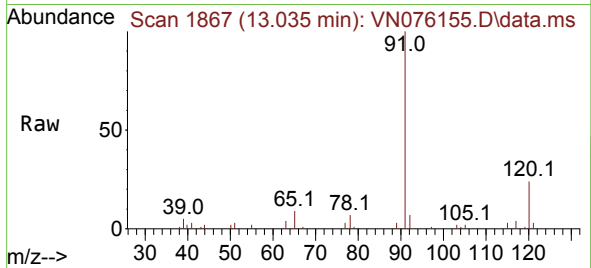




#78
n-propylbenzene
Concen: 1.823 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

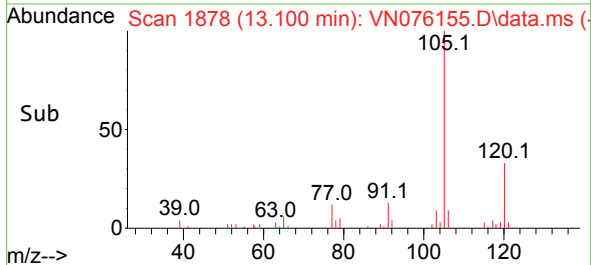
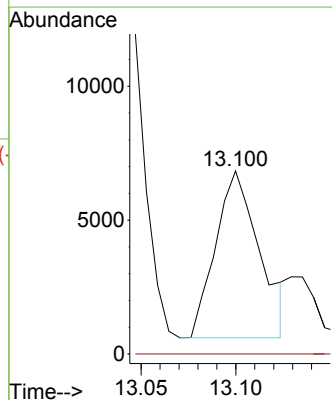
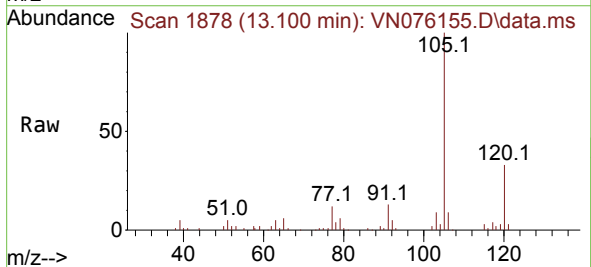
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

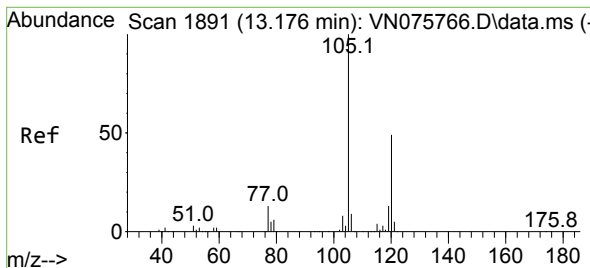
Tgt Ion: 91 Resp: 26882
Ion Ratio Lower Upper
91 100
120 25.1 12.0 36.1



#79
2-Chlorotoluene
Concen: 1.088 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 91 Resp: 10014
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 3.022 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

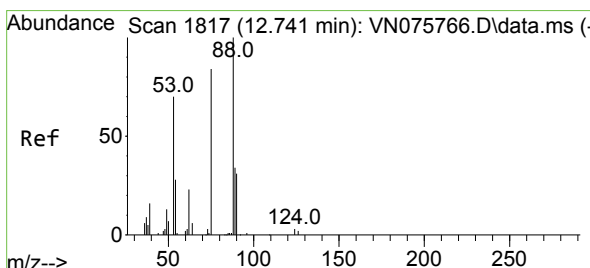
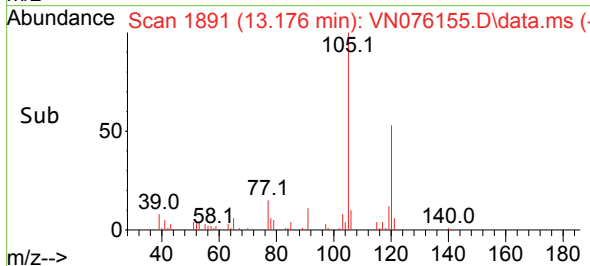
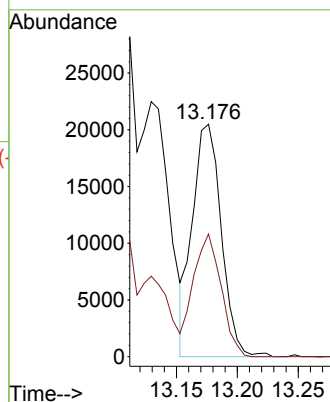
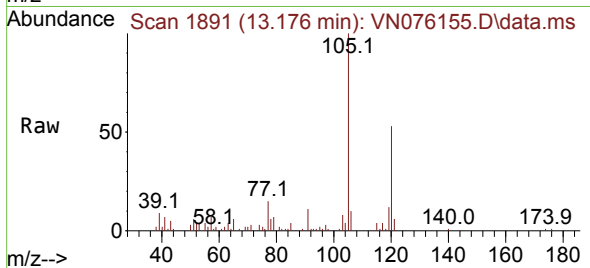
UST-DRUM

Tgt Ion:105 Resp: 33820

Ion Ratio Lower Upper

105 100

120 50.9 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 92.387 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.106 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

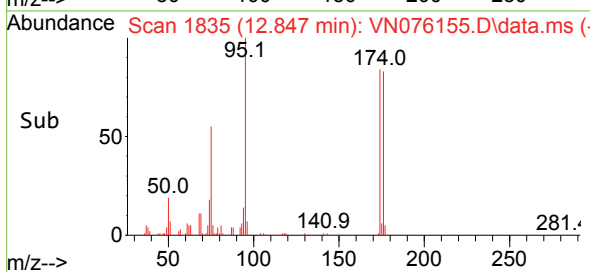
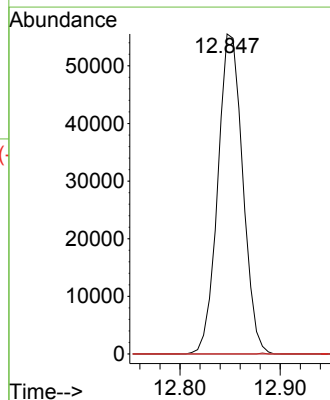
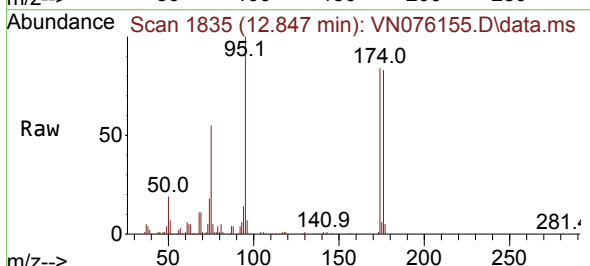
Tgt Ion: 75 Resp: 95720

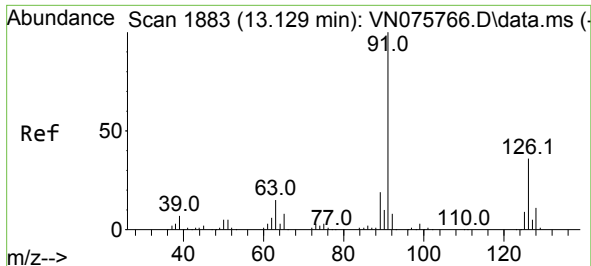
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#

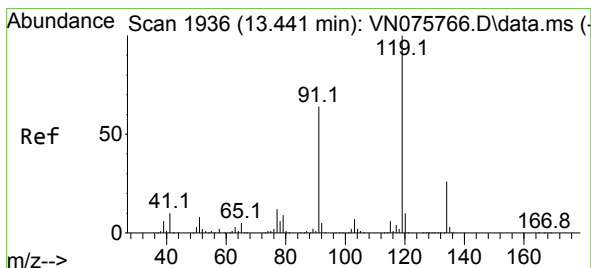
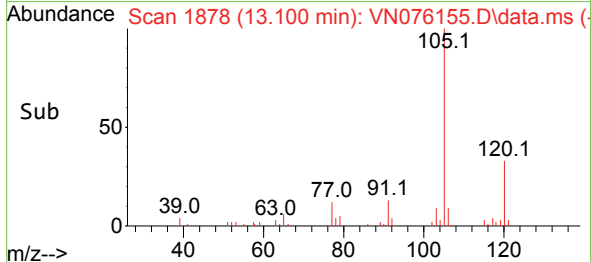
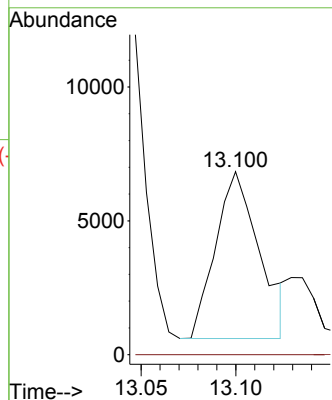
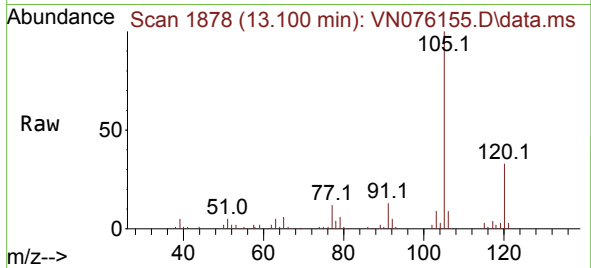




#82
4-Chlorotoluene
Concen: 1.088 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

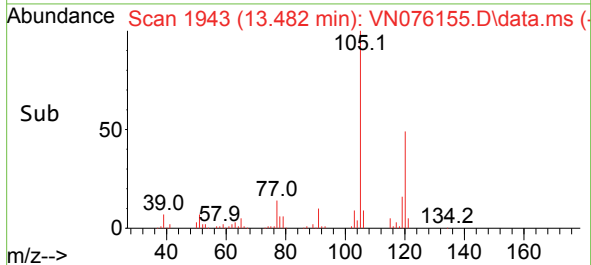
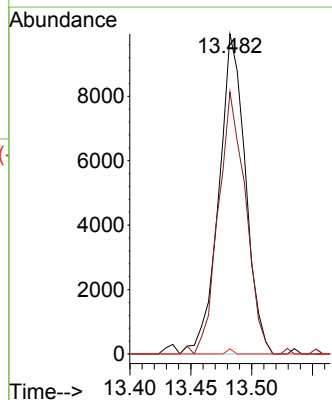
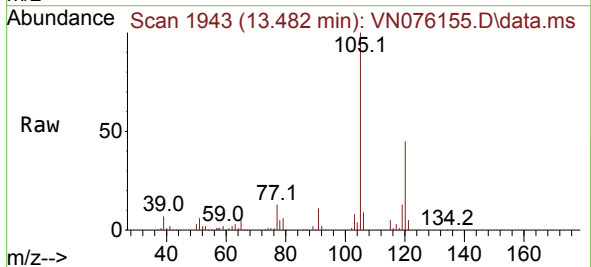
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

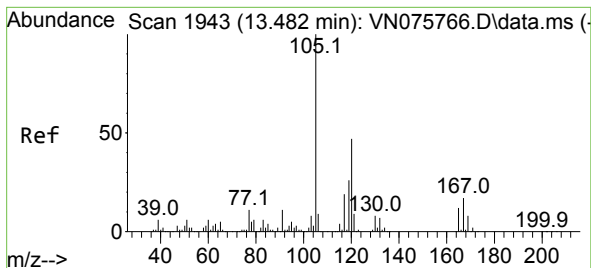
Tgt Ion: 91 Resp: 10014
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#83
tert-Butylbenzene
Concen: 1.532 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 119 Resp: 15113
Ion Ratio Lower Upper
119 100
91 84.1 31.9 95.5
134 0.0 13.8 41.4#





#84

1,2,4-Trimethylbenzene

Concen: 11.219 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

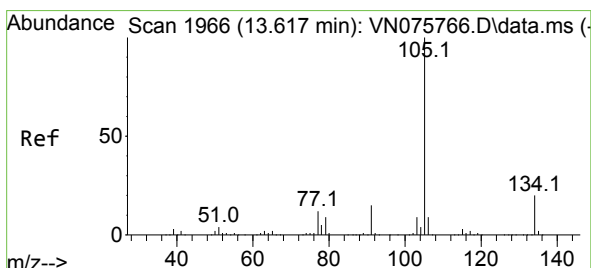
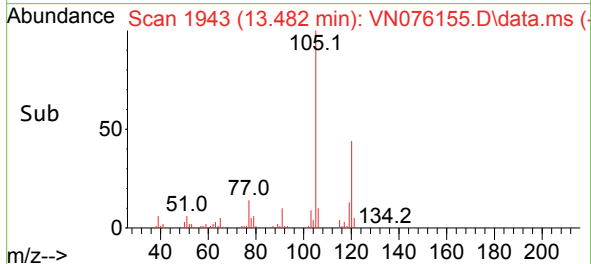
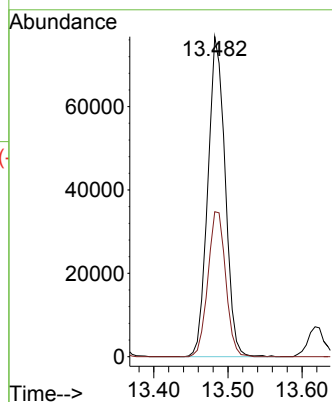
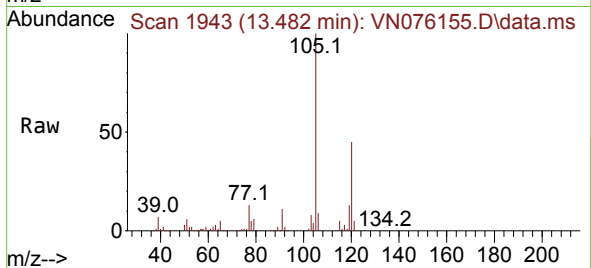
UST-DRUM

Tgt Ion:105 Resp: 124538

Ion Ratio Lower Upper

105 100

120 46.5 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.814 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076155.D

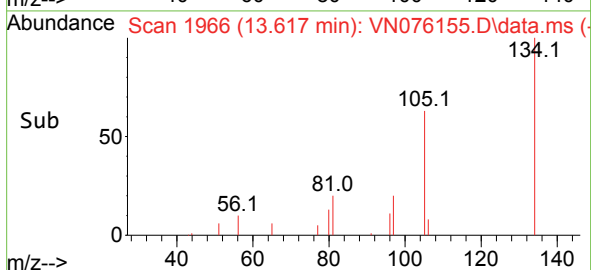
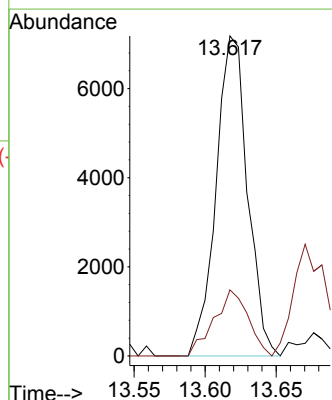
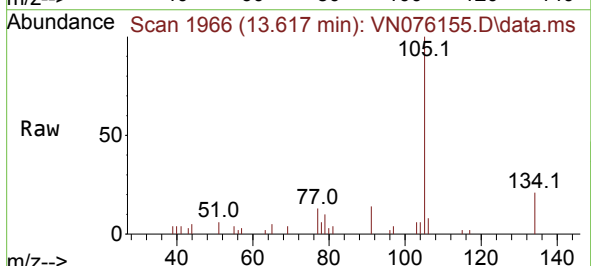
Acq: 09 Jan 2023 14:52

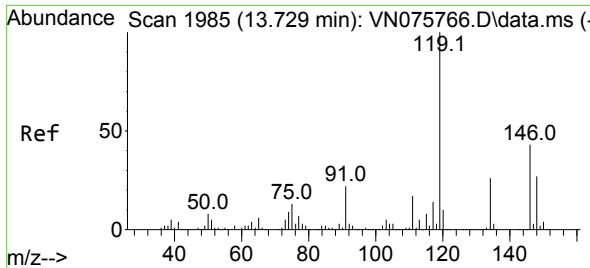
Tgt Ion:105 Resp: 11089

Ion Ratio Lower Upper

105 100

134 22.3 10.1 30.1

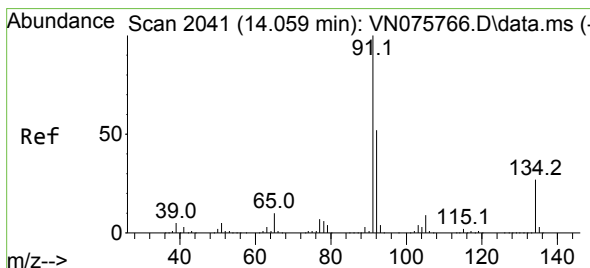
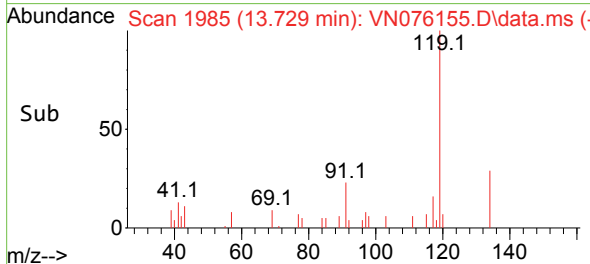
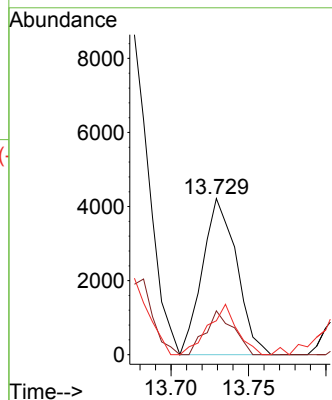
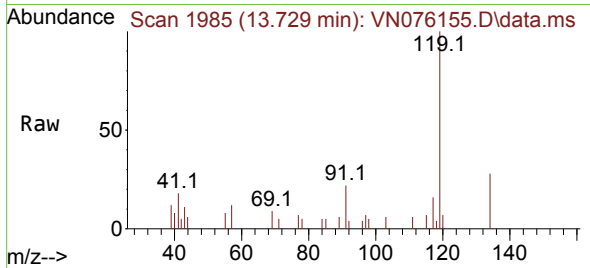




#86
p-Isopropyltoluene
Concen: 0.571 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

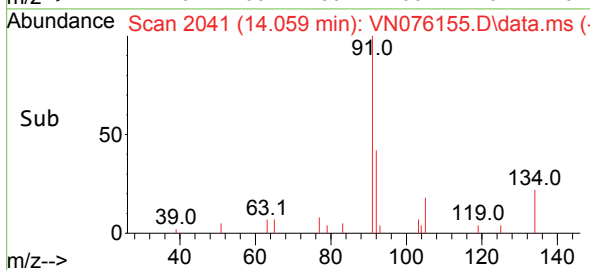
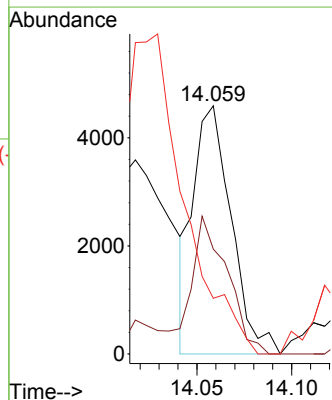
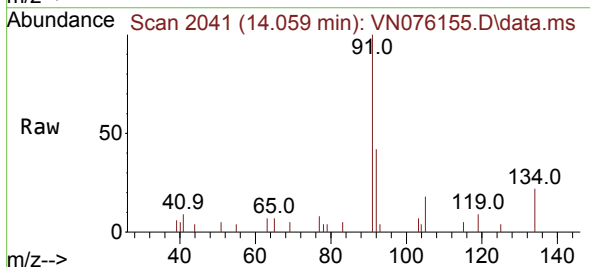
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

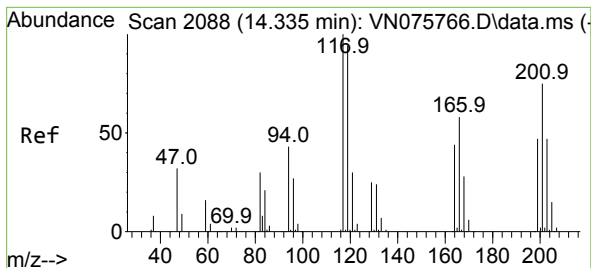
Tgt Ion:119 Resp: 6471
Ion Ratio Lower Upper
119 100
134 22.8 13.0 39.0
91 27.2 11.2 33.6



#89
n-Butylbenzene
Concen: 0.696 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion: 91 Resp: 6386
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 0.0 13.4 40.2#





#90

Hexachloroethane

Concen: 1.557 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

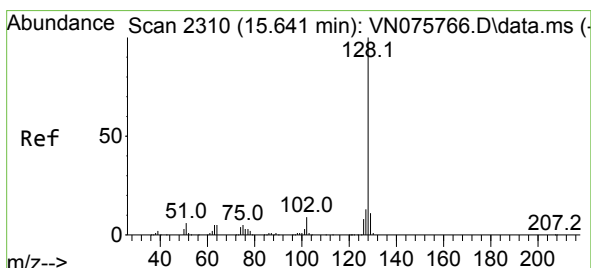
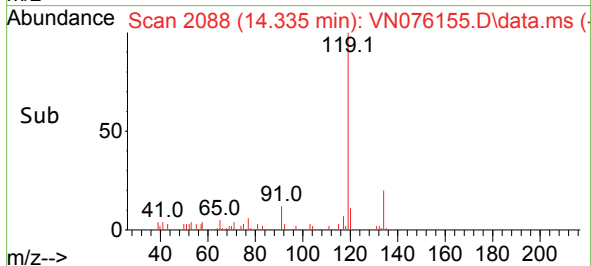
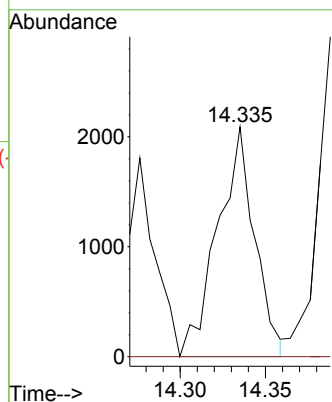
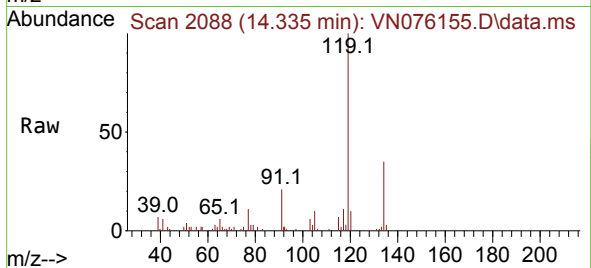
UST-DRUM

Tgt Ion:117 Resp: 3156

Ion Ratio Lower Upper

117 100

201 0.0 38.0 114.1#



#95

Naphthalene

Concen: 8.982 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Tgt Ion:128 Resp: 71637

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.3 8.7 13.1

