

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076164.D
 Acq On : 09 Jan 2023 18:28
 Operator : JC\MD
 Sample : 01042-07 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MARKETST-SILICA

Quant Time: Jan 10 01:11:26 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)

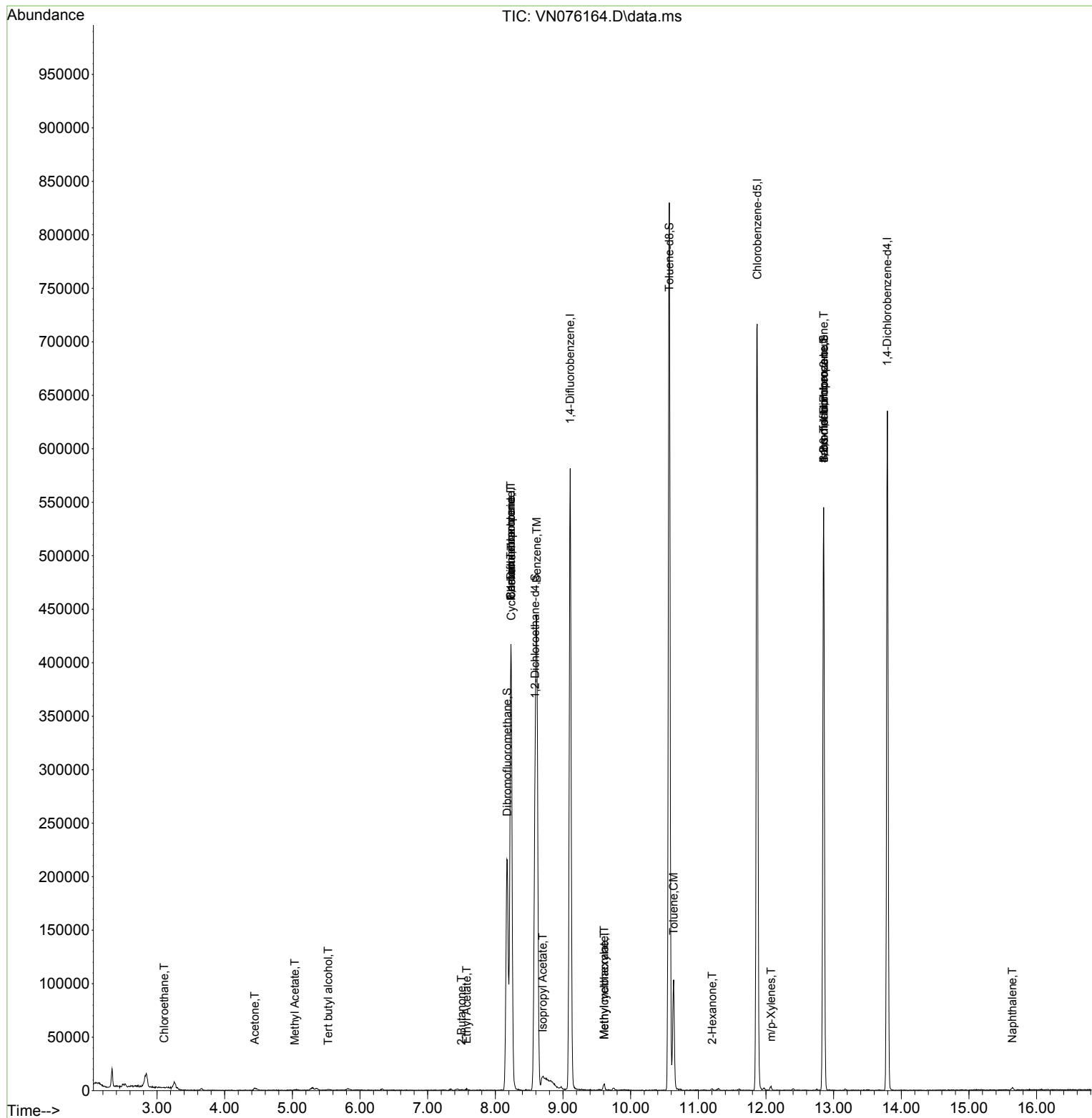
Internal Standards						
1) Pentafluorobenzene	8.229	168	318112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	441279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	176214	50.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	8.177	113	156929	49.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	10.570	98	586635	49.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.853	95	181463	45.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.600%
Target Compounds						
					Qvalue	
6) Chloroethane	3.106	64	1143	0.461	ug/l #	44
11) Tert butyl alcohol	5.530	59	682	1.393	ug/l #	72
16) Acetone	4.447	43	3458	2.899	ug/l #	69
18) Methyl Acetate	5.036	43	749	0.212	ug/l #	45
20) Methylene Chloride	5.312	84	1646	Below Cal	#	51
25) 2-Butanone	7.500	43	762	0.456	ug/l #	40
31) Cyclohexane	8.235	56	8578	1.731	ug/l #	21
36) 1,1-Dichloropropene	8.229	75	23186	5.456	ug/l #	49
37) Ethyl Acetate	7.577	43	1800	0.527	ug/l #	77
38) Carbon Tetrachloride	8.229	117	31426	6.607	ug/l #	17
39) Methylcyclohexane	9.612	83	2467	0.481	ug/l	89
40) Benzene	8.612	78	420748	32.089	ug/l	99
43) Isopropyl Acetate	8.700	43	10119	1.797	ug/l #	50
48) Methyl methacrylate	9.612	41	1008	0.397	ug/l #	54
52) Toluene	10.635	92	44121	5.167	ug/l	98
59) 2-Hexanone	11.206	43	713	0.287	ug/l #	58
68) m/p-Xylenes	12.076	106	1506	0.249	ug/l	100
71) Bromoform	12.853	173	1456	0.596	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	92810	26.182	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	92810	94.242	ug/l #	12
95) Naphthalene	15.641	128	2587	2.436	ug/l #	83

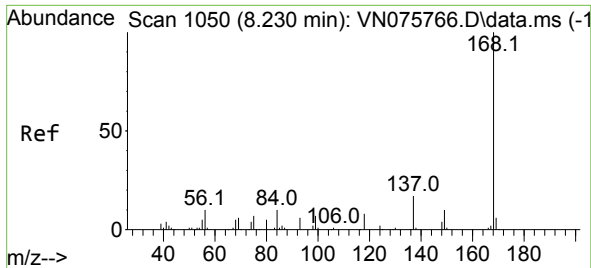
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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MARKETST-SILICA

Quant Time: Jan 10 01:11:26 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

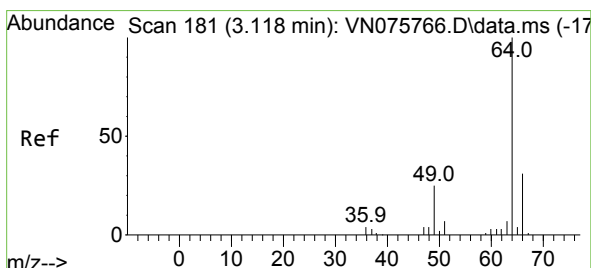
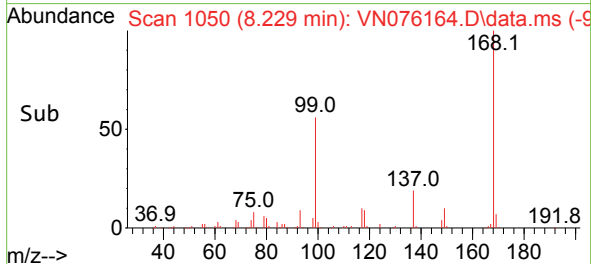
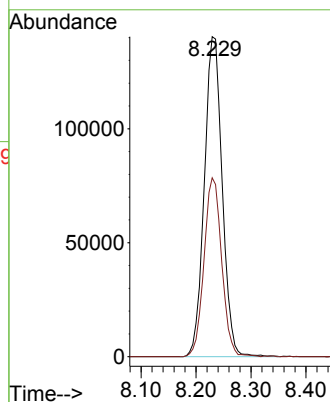
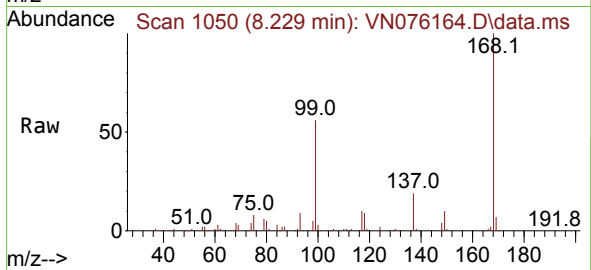




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

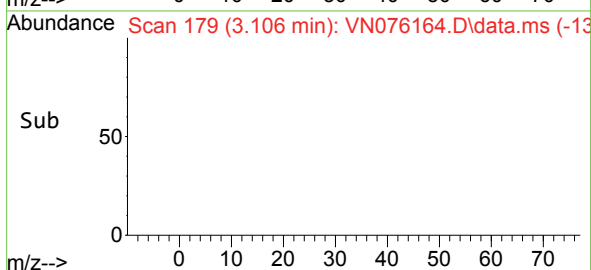
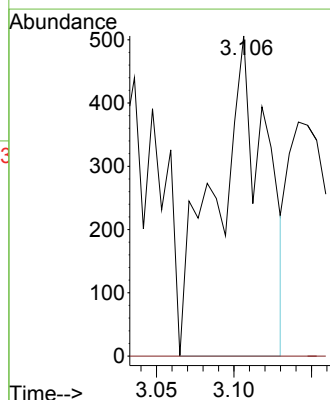
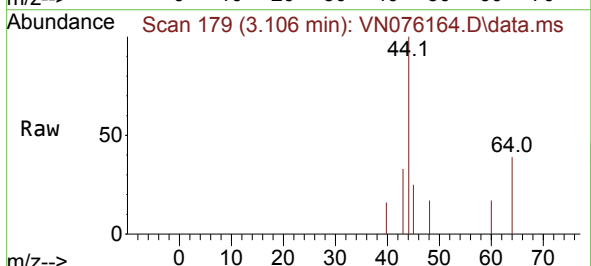
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

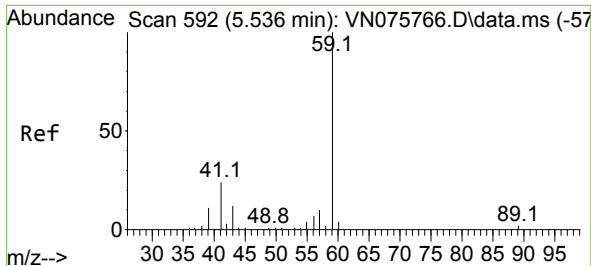
Tgt Ion:168 Resp: 318112
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#6
Chloroethane
Concen: 0.461 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.012 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 64 Resp: 1143
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

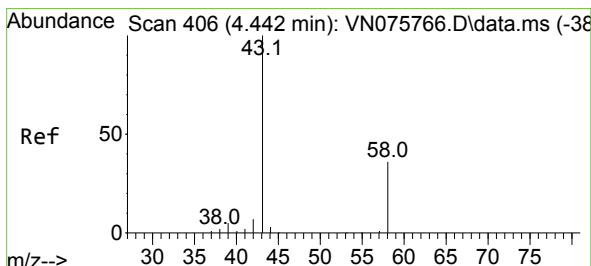
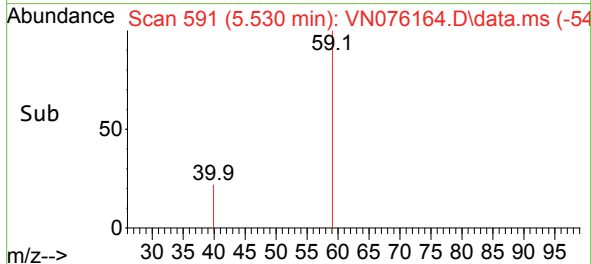
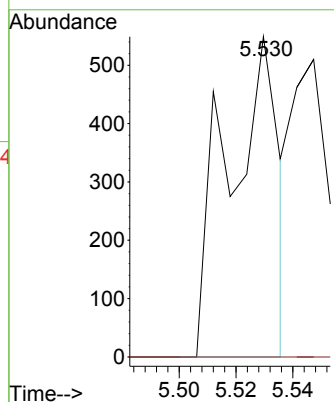
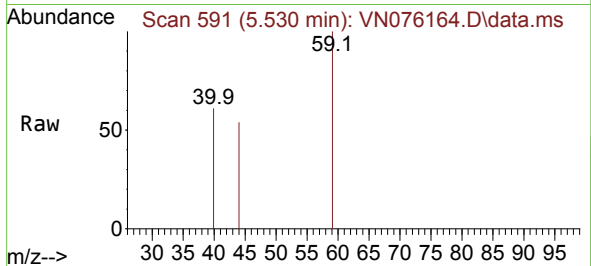




#11
Tert butyl alcohol
Concen: 1.393 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

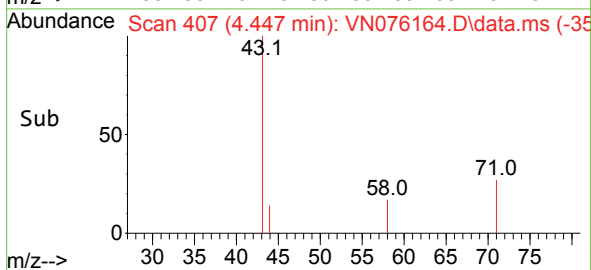
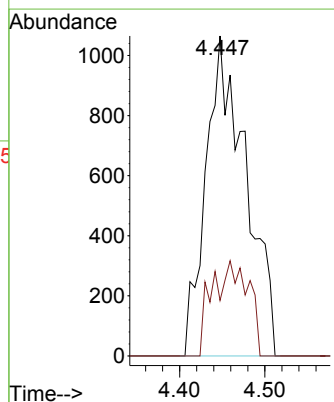
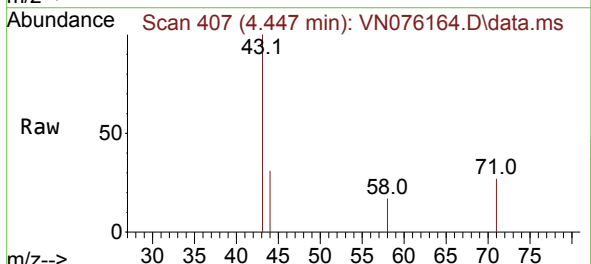
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

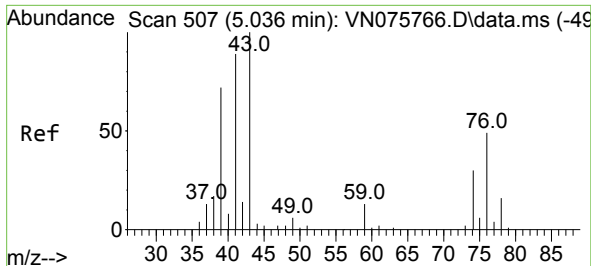
Tgt Ion: 59 Resp: 682
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.899 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 43 Resp: 3458
Ion Ratio Lower Upper
43 100
58 17.4 28.6 43.0#

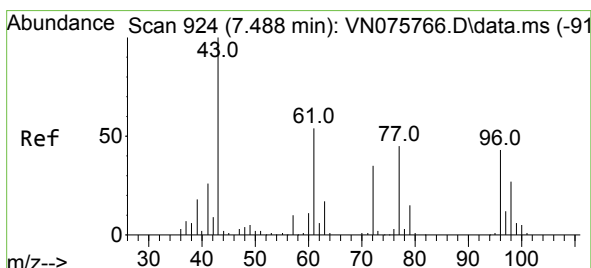
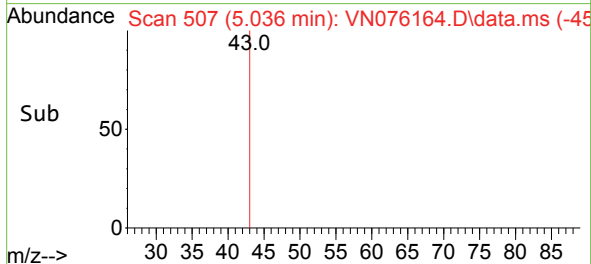
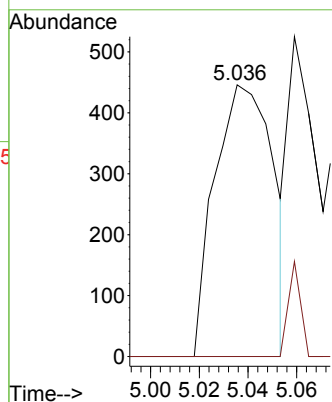
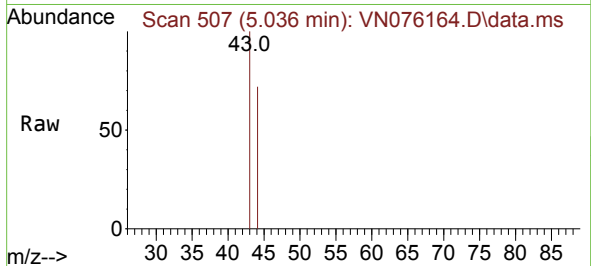




#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

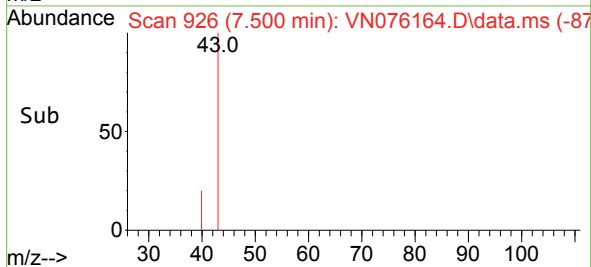
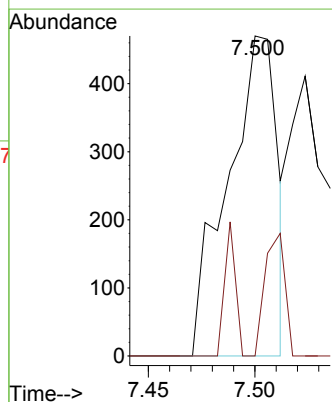
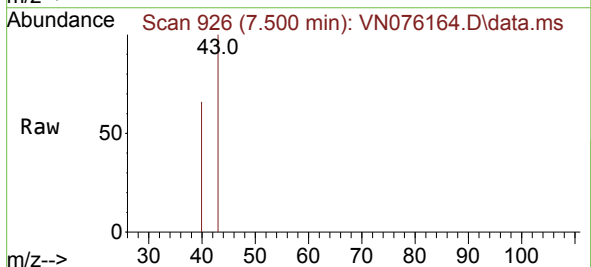
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

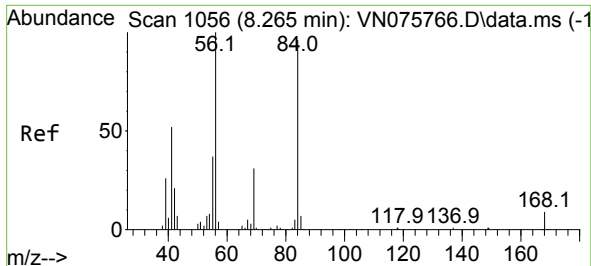
Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
74 0.0 23.6 35.4#



#25
2-Butanone
Concen: 0.456 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

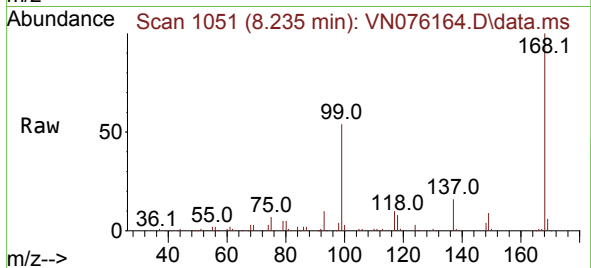
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



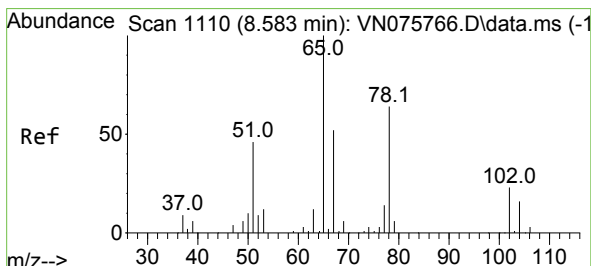
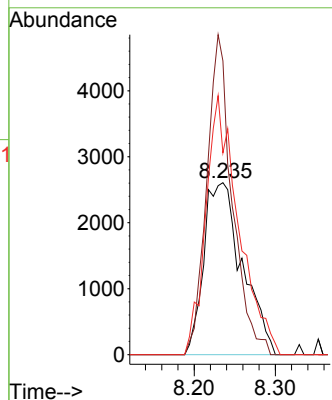
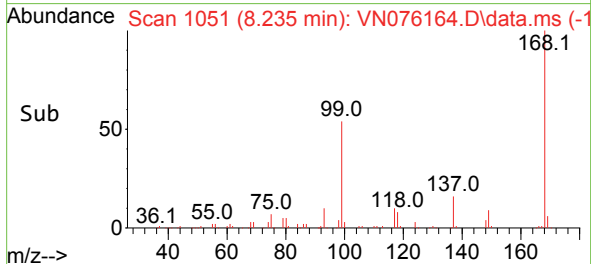


#31
Cyclohexane
Concen: 1.731 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

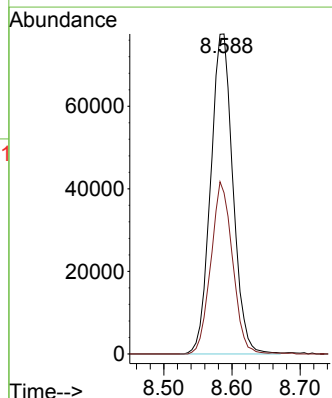
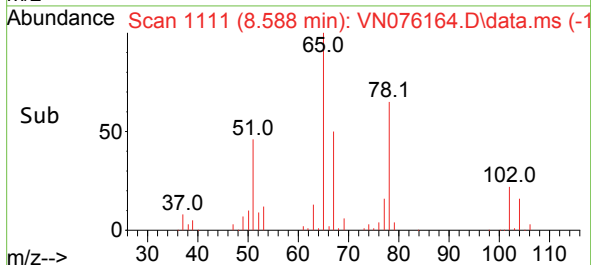
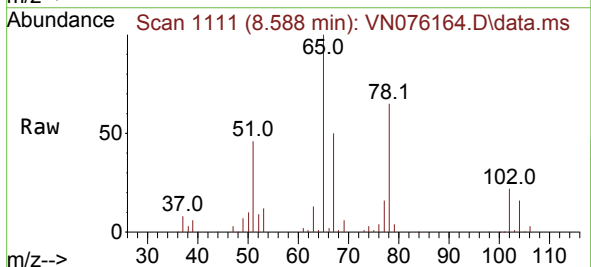


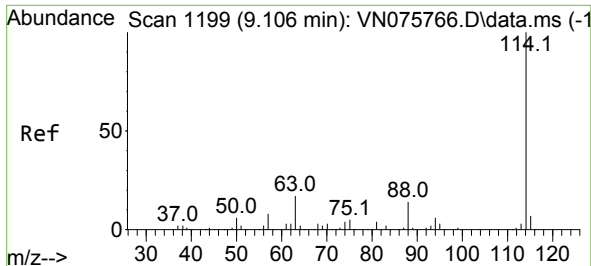
Tgt Ion: 56 Resp: 8578
Ion Ratio Lower Upper
56 100
69 170.9 24.7 37.1#
84 117.4 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 50.918 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 65 Resp: 176214
Ion Ratio Lower Upper
65 100
67 52.3 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: VN076164.D

Acq: 09 Jan 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

MARKETST-SILICA

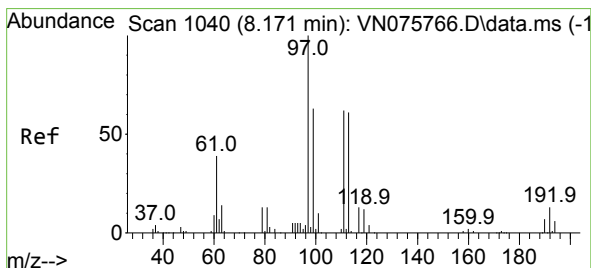
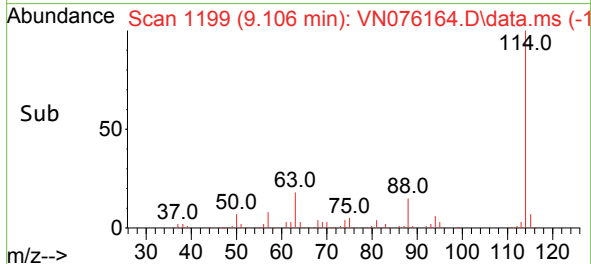
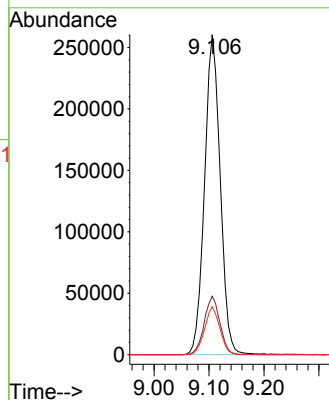
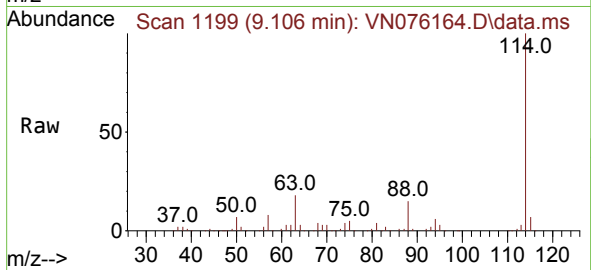
Tgt Ion:114 Resp: 516582

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.054 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076164.D

Acq: 09 Jan 2023 18:28

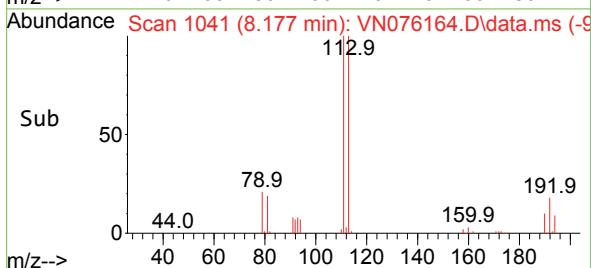
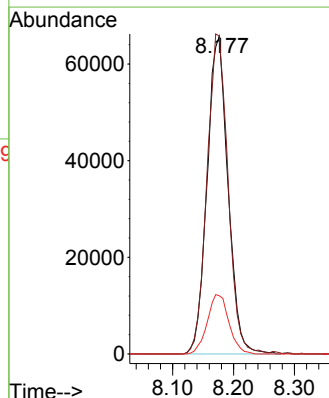
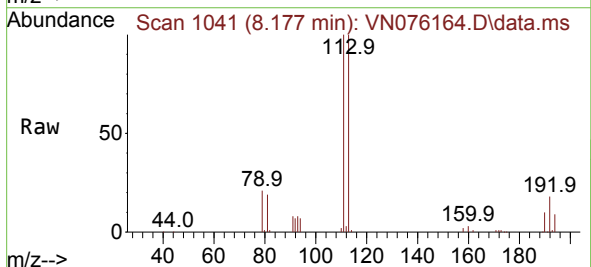
Tgt Ion:113 Resp: 156929

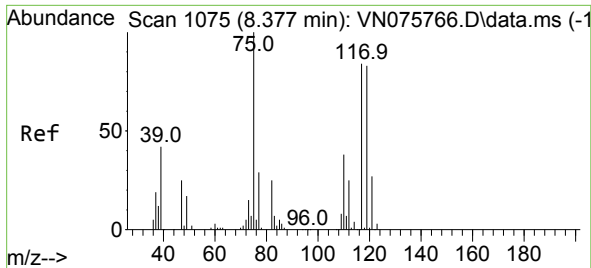
Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.2

192 19.3 16.1 24.1

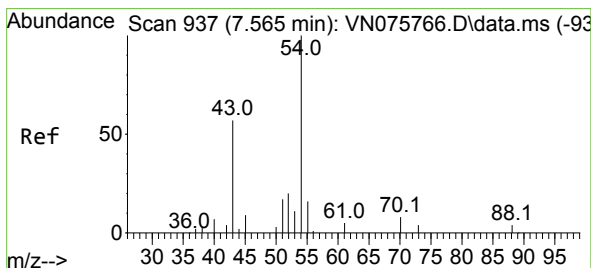
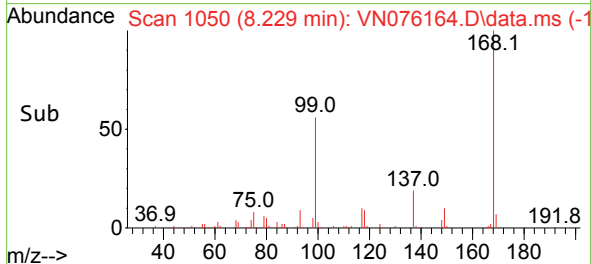
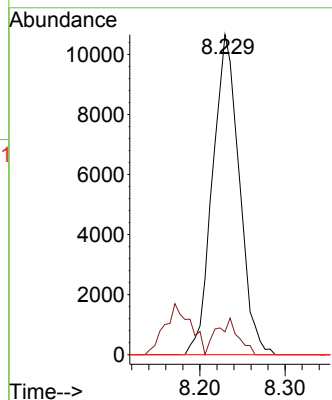
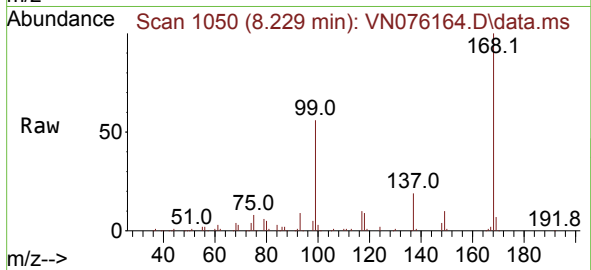




#36
1,1-Dichloropropene
Concen: 5.456 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

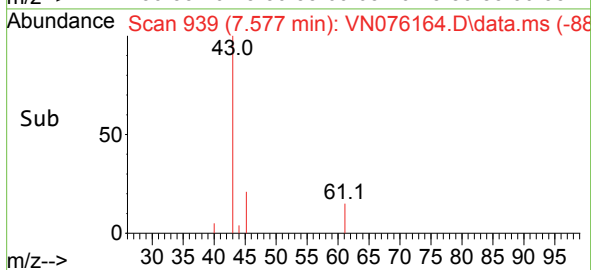
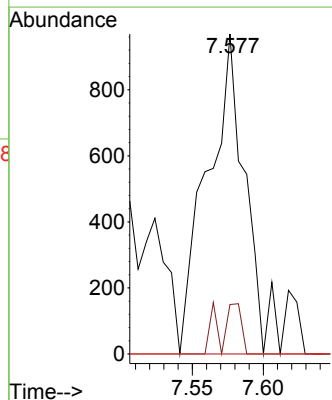
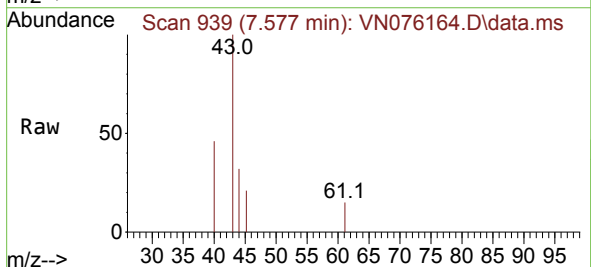
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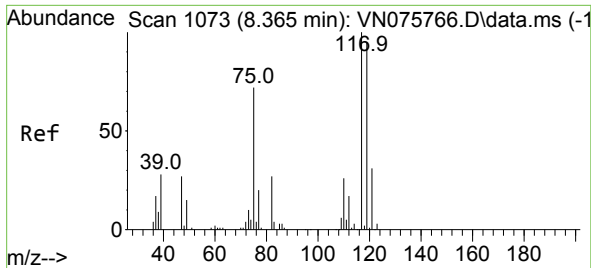
Tgt Ion: 75 Resp: 23186
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.527 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
61 9.0 13.0 19.4#
70 0.0 9.4 14.0#

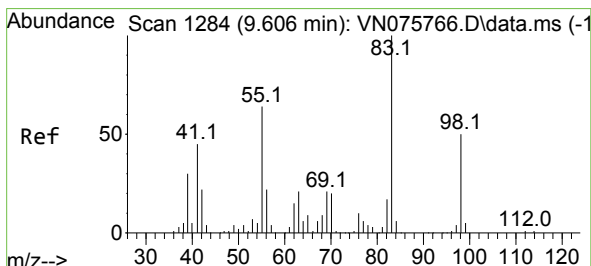
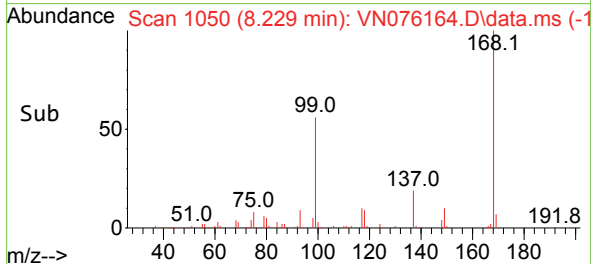
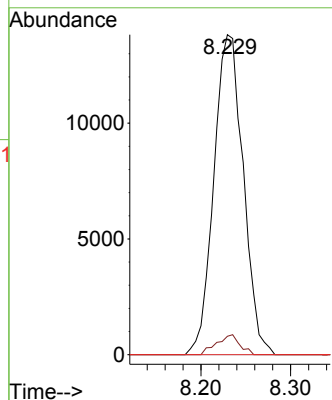
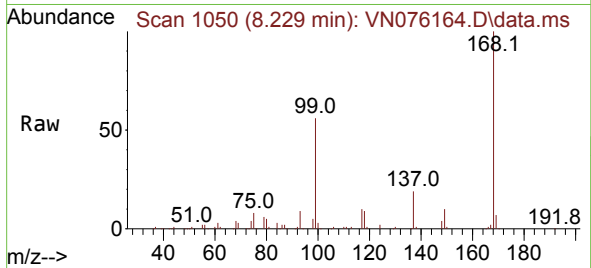




#38
Carbon Tetrachloride
Concen: 6.607 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

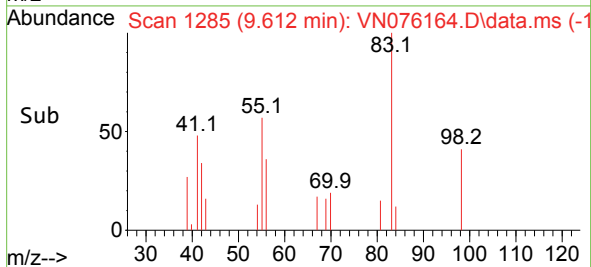
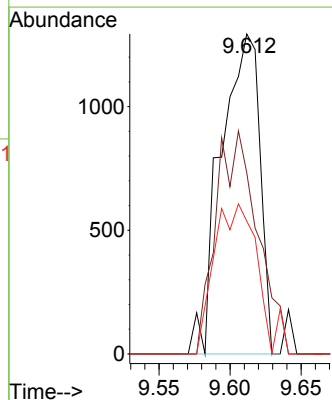
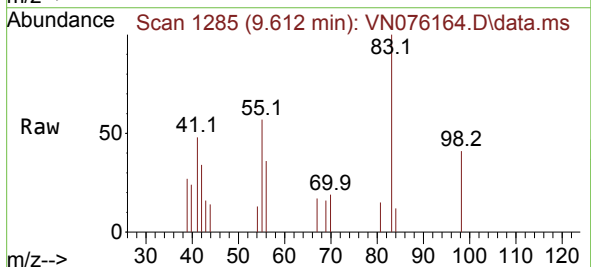
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

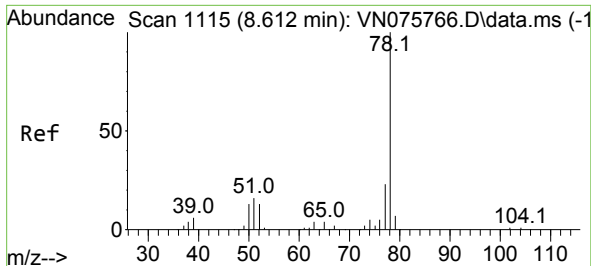
Tgt Ion:117 Resp: 31426
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.481 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. 0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 83 Resp: 2467
Ion Ratio Lower Upper
83 100
55 56.6 51.4 77.0
98 41.5 39.8 59.8

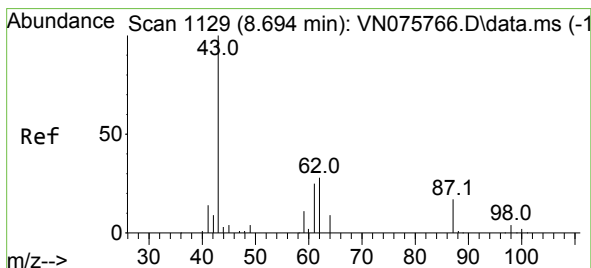
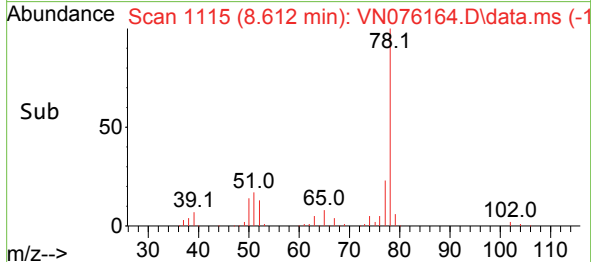
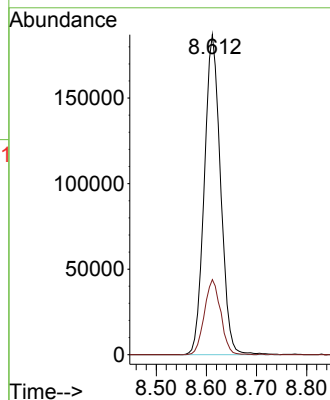
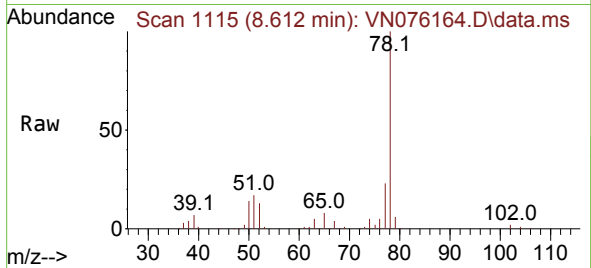




#40
Benzene
Concen: 32.089 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

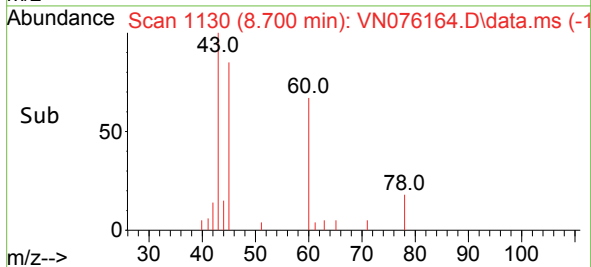
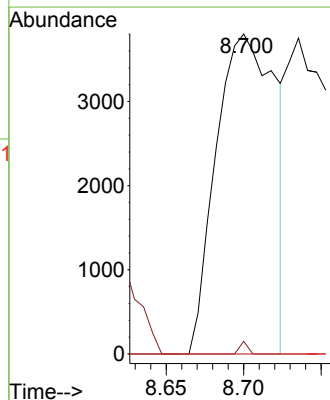
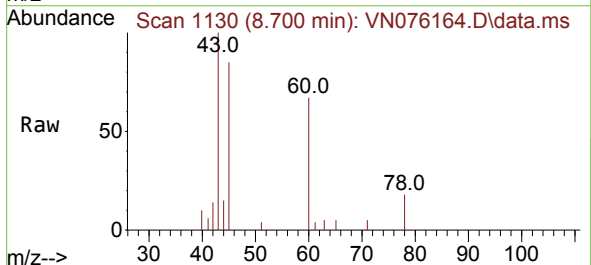
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

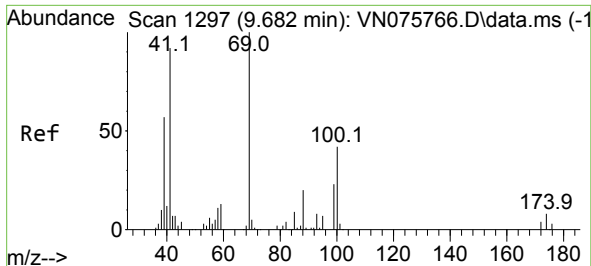
Tgt Ion: 78 Resp: 420748
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7



#43
Isopropyl Acetate
Concen: 1.797 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 43 Resp: 10119
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#





#48

Methyl methacrylate

Concen: 0.397 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.071 min

Lab File: VN076164.D

Acq: 09 Jan 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

MARKETST-SILICA

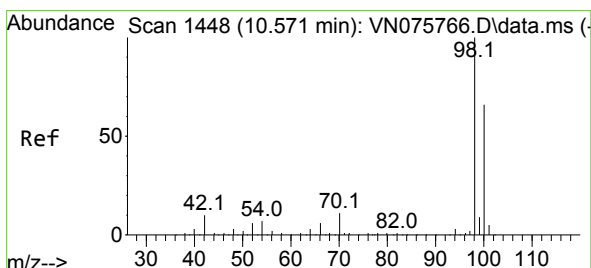
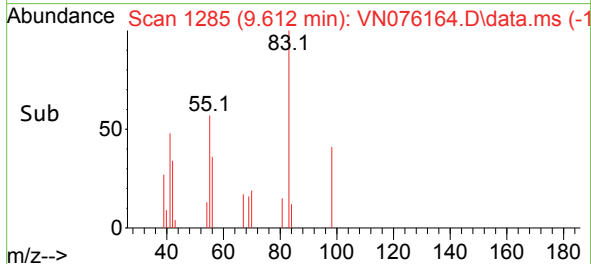
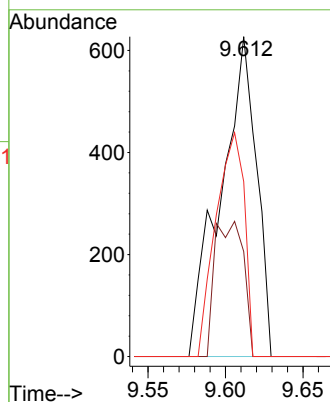
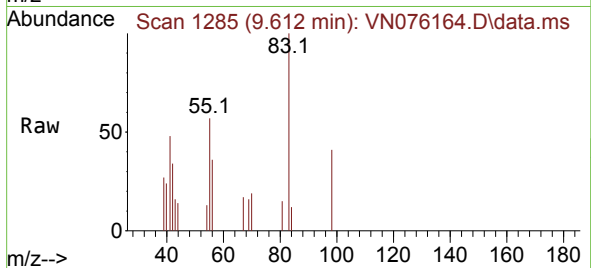
Tgt Ion: 41 Resp: 1008

Ion Ratio Lower Upper

41 100

69 33.8 81.9 122.9#

39 55.6 51.6 77.4



#50

Toluene-d8

Concen: 49.045 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076164.D

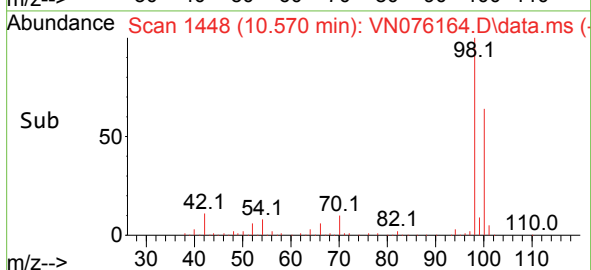
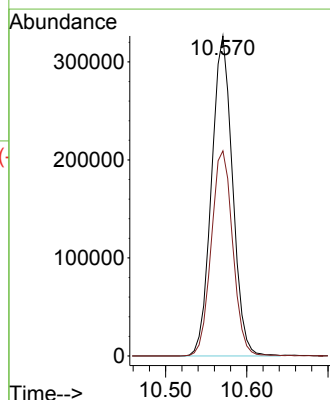
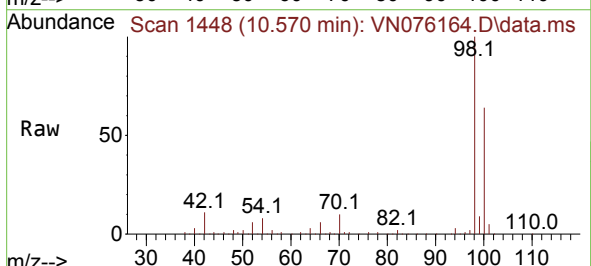
Acq: 09 Jan 2023 18:28

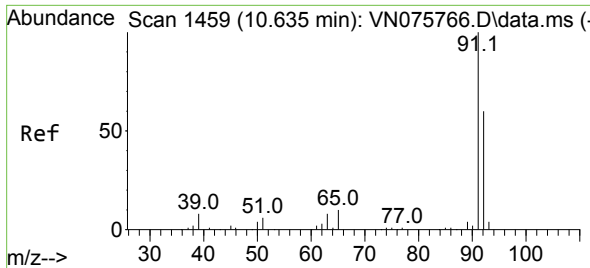
Tgt Ion: 98 Resp: 586635

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1

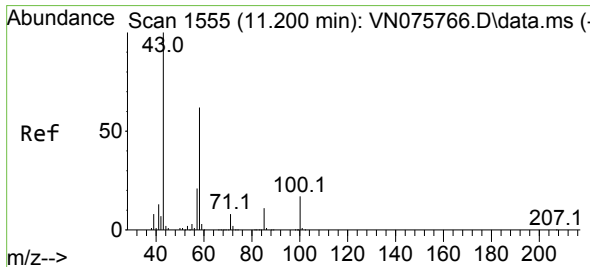
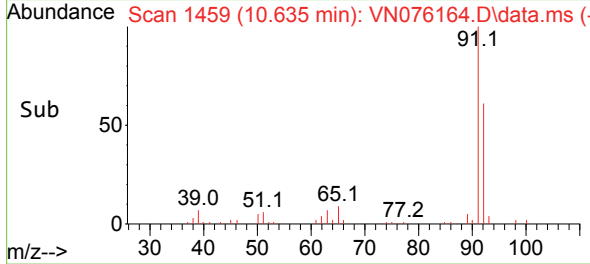
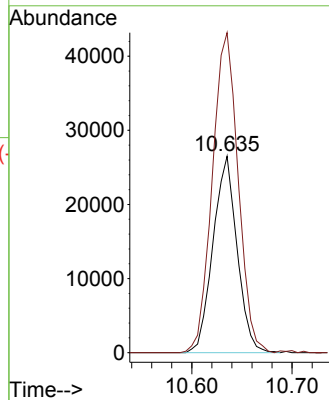
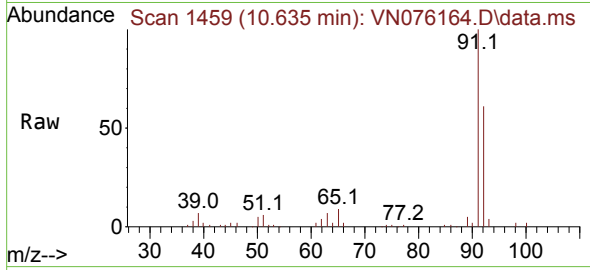




#52
Toluene
Concen: 5.167 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

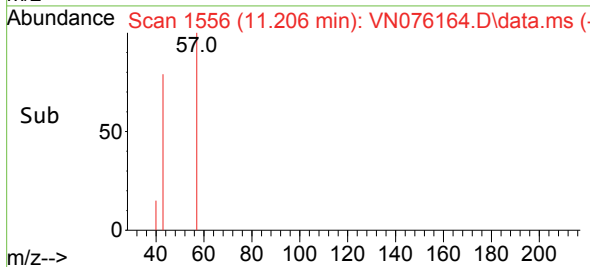
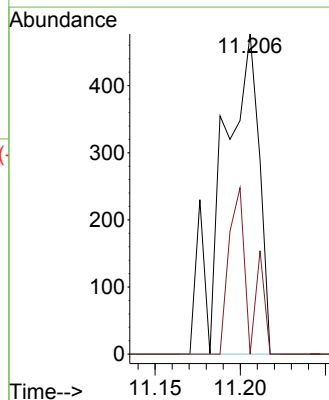
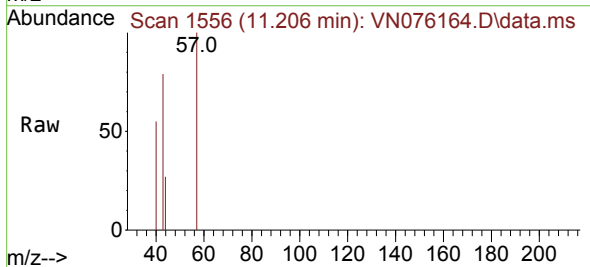
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

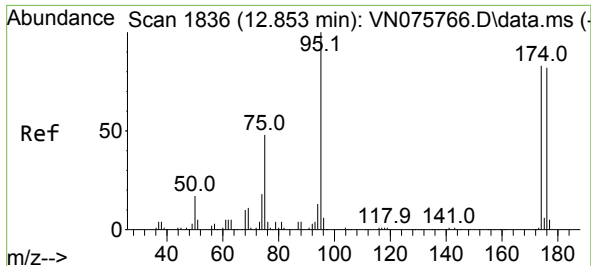
Tgt Ion: 92 Resp: 44121
Ion Ratio Lower Upper
92 100
91 174.6 137.3 205.9



#59
2-Hexanone
Concen: 0.287 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 29.0 30.6 92.0#

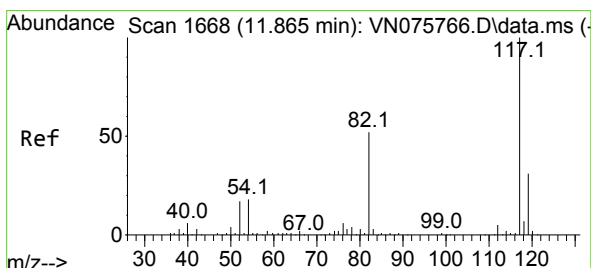
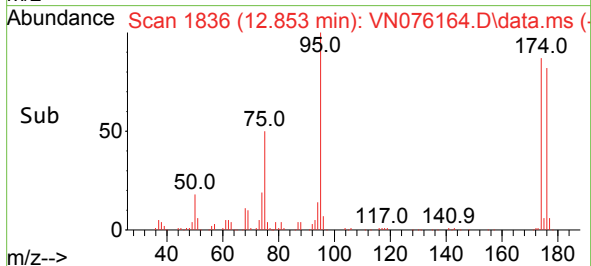
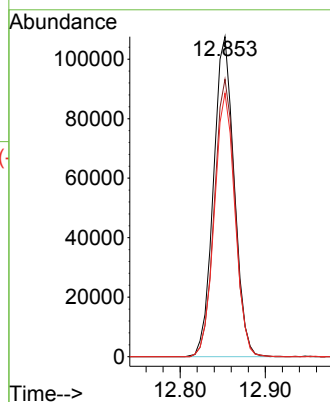
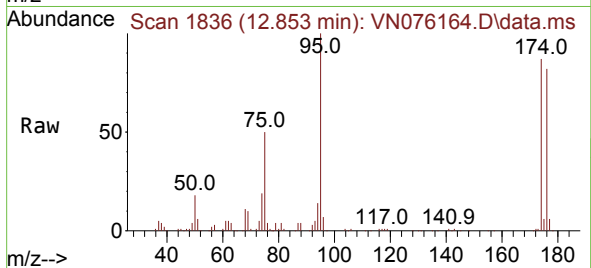




#62
4-Bromofluorobenzene
Concen: 45.805 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

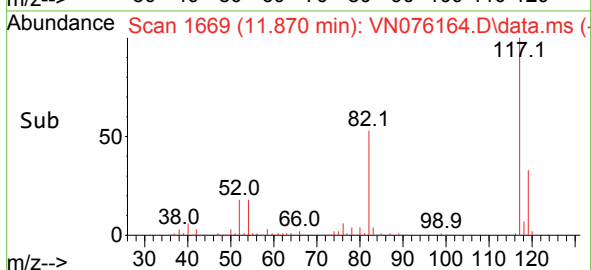
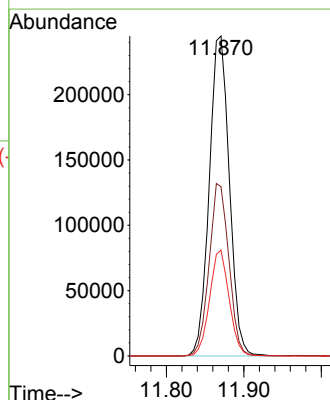
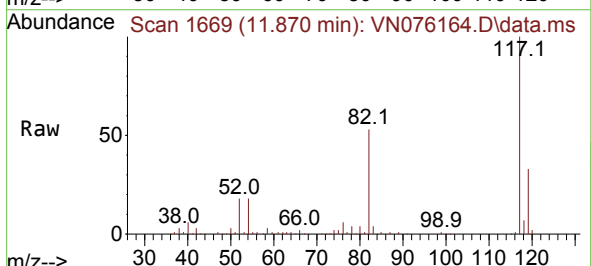
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

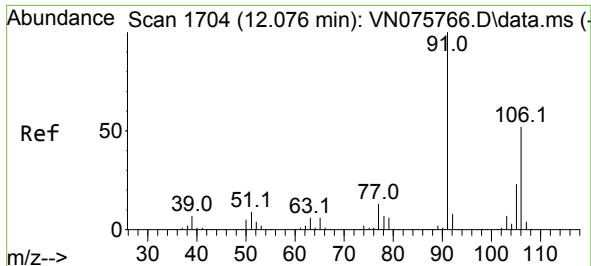
Tgt Ion: 95 Resp: 181463
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 82.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 117 Resp: 441279
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 33.1 24.6 37.0

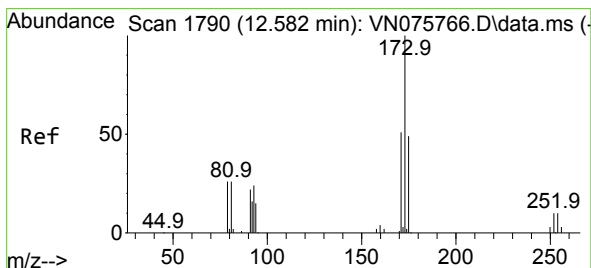
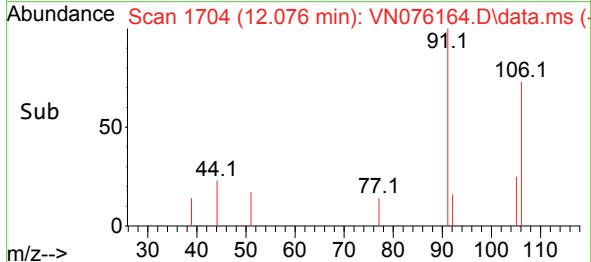
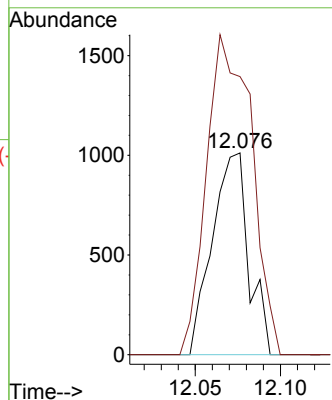
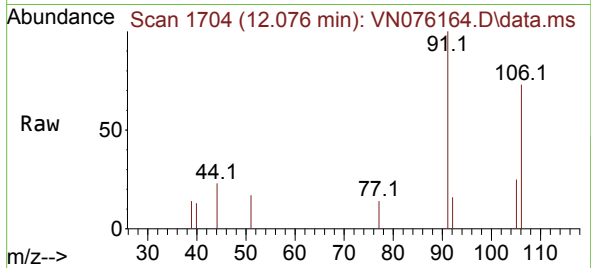




#68
m/p-Xylenes
Concen: 0.249 ug/l
RT: 12.076 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

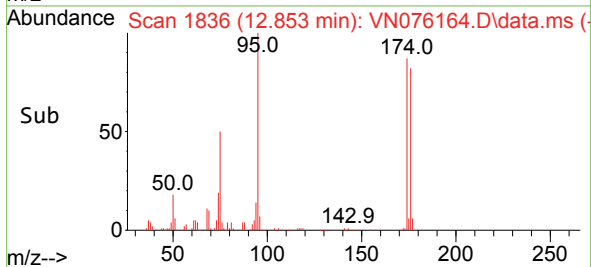
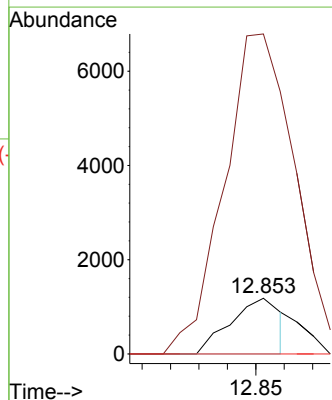
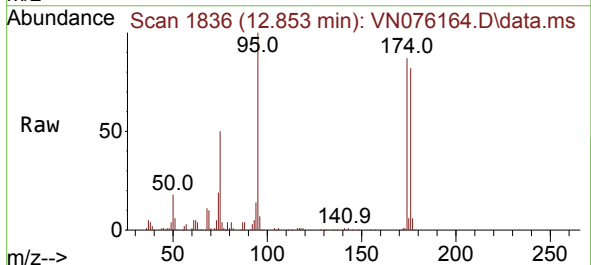
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

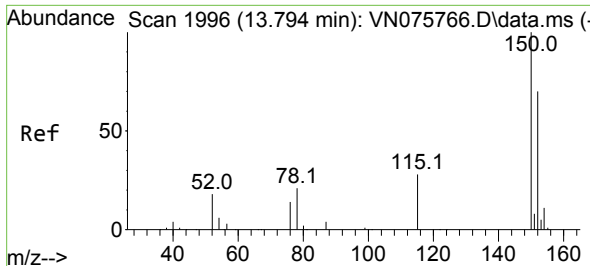
Tgt Ion:106 Resp: 1506
Ion Ratio Lower Upper
106 100
91 195.8 156.6 235.0



#71
Bromoform
Concen: 0.596 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion:173 Resp: 1456
Ion Ratio Lower Upper
173 100
175 654.1 24.3 72.8#
254 0.0 0.0 0.0

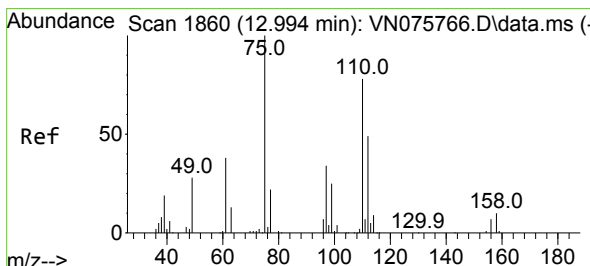
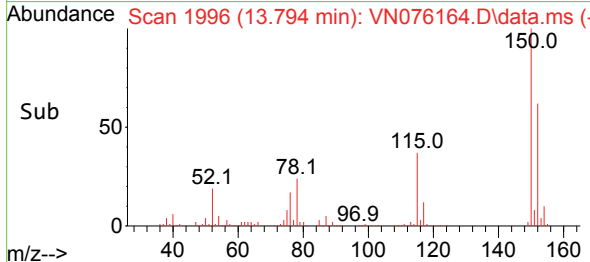
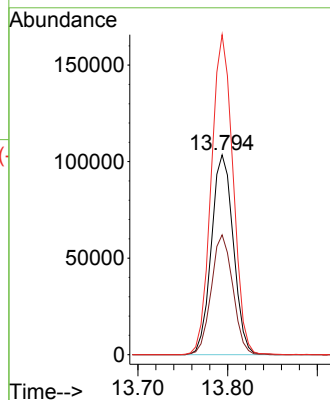
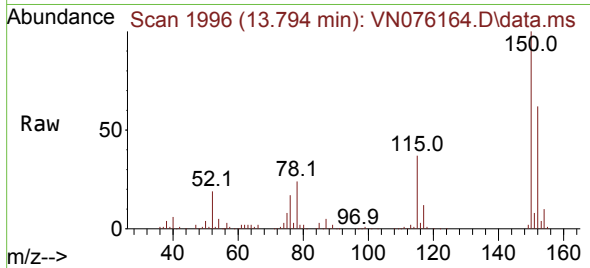




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

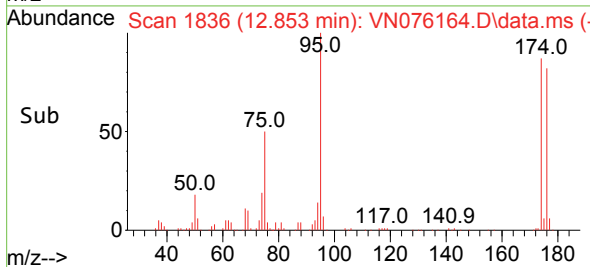
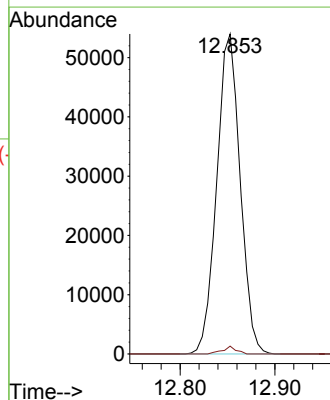
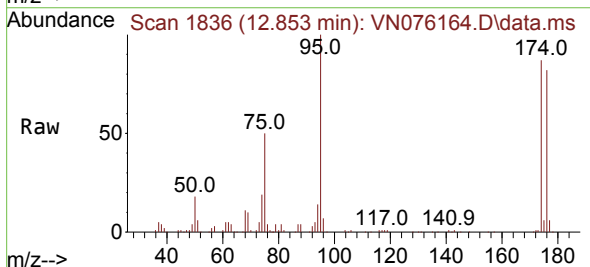
Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

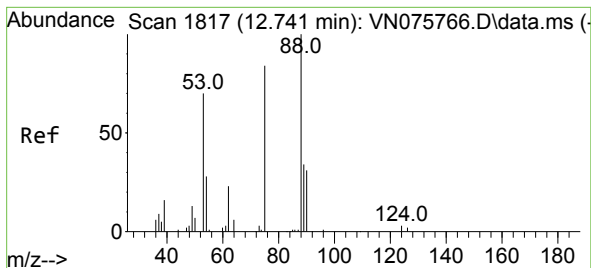
Tgt Ion:152 Resp: 175854
Ion Ratio Lower Upper
152 100
115 58.9 29.1 87.4
150 158.6 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 26.182 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 75 Resp: 92810
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#

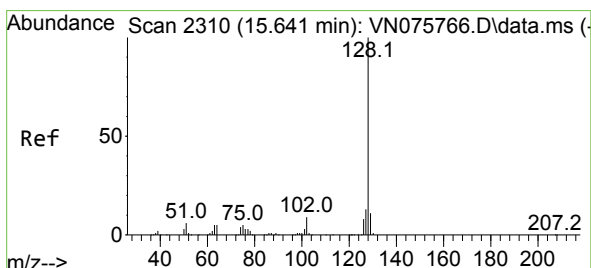
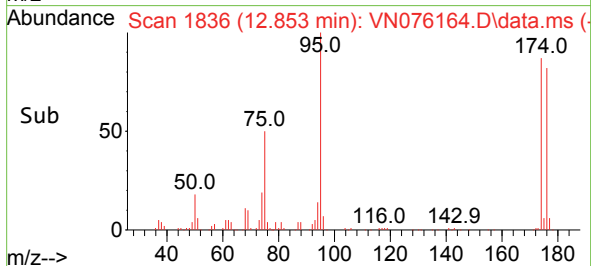
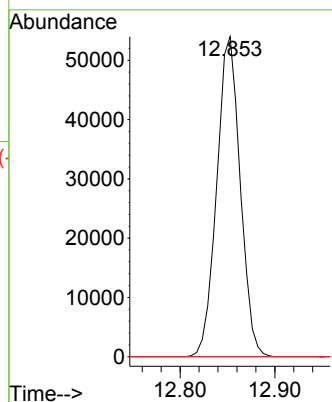
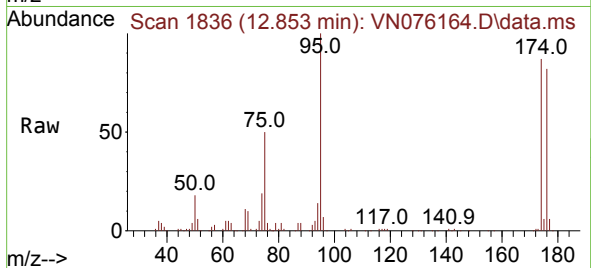




#81
trans-1,4-Dichloro-2-butene
Concen: 94.242 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Instrument :
MSVOA_N
ClientSampleId :
MARKETST-SILICA

Tgt Ion: 75 Resp: 92810
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.436 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion:128 Resp: 2587
Ion Ratio Lower Upper
128 100
127 6.8 10.4 15.6#
129 4.1 8.7 13.1#

