

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075564.D
 Acq On : 05 Dec 2022 17:19
 Operator : JC\MD
 Sample : N5834-01 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAY1-SILICA-1201DL

Quant Time: Dec 06 03:25:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

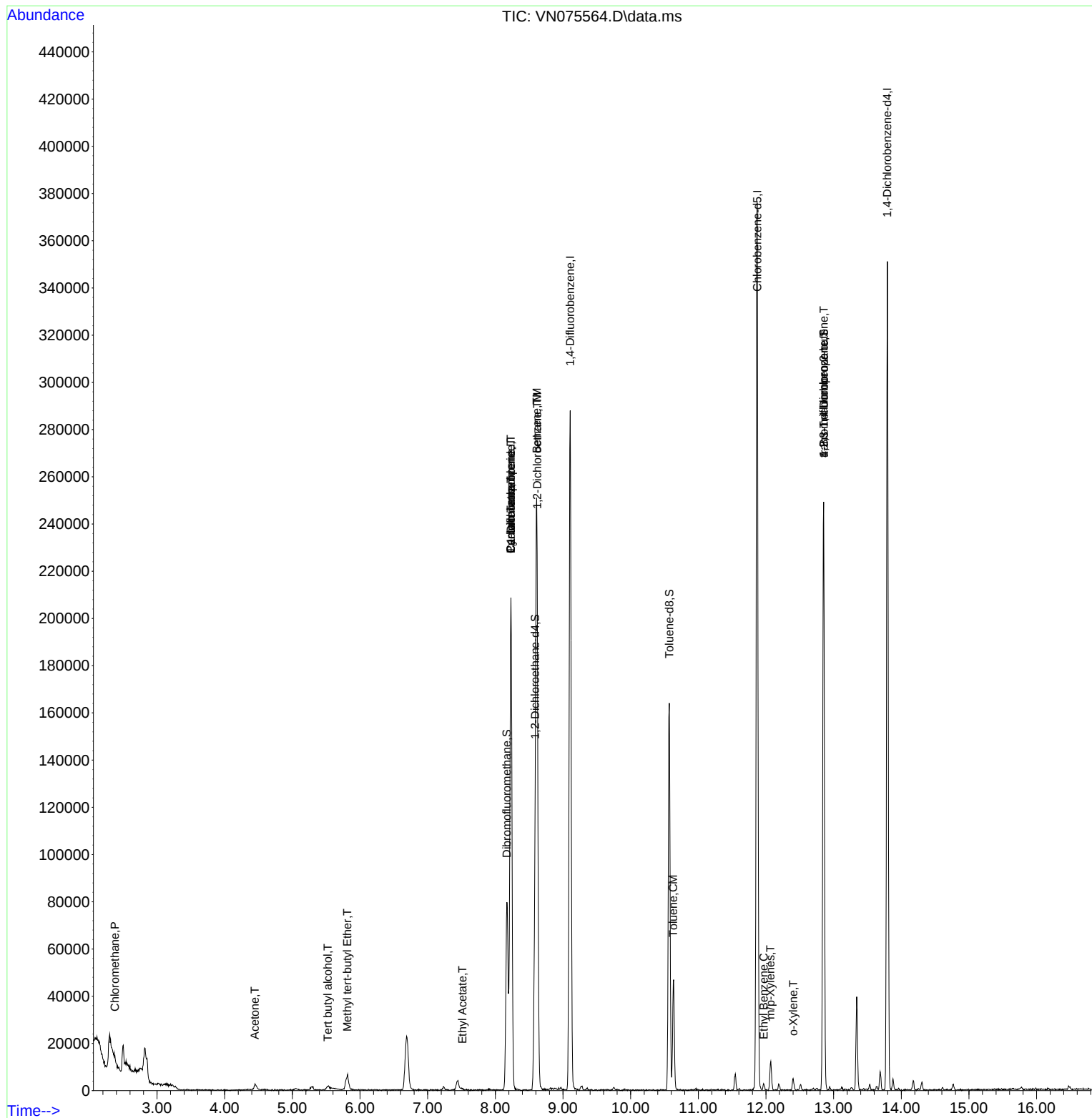
Internal Standards						
1) Pentafluorobenzene	8.230	168	160207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	232920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	46662	54.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.520%	
35) Dibromofluoromethane	8.171	113	57683	54.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.460%	
50) Toluene-d8	10.571	98	119788	50.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.853	95	85239	48.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.300%	
Target Compounds						Qvalue
3) Chloromethane	2.377	50	474	0.311	ug/l #	42
11) Tert butyl alcohol	5.524	59	1423	3.942	ug/l #	72
16) Acetone	4.447	43	5002	6.236	ug/l	94
18) Methyl Acetate	5.053	43	1264	Below Cal	#	67
19) Methyl tert-butyl Ether	5.812	73	10218	1.944	ug/l	98
20) Methylene Chloride	5.294	84	1214	Below Cal	#	78
31) Cyclohexane	8.230	56	3059	1.120	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	11608	5.050	ug/l #	52
37) Ethyl Acetate	7.512	43	533	0.258	ug/l #	66
38) Carbon Tetrachloride	8.230	117	16216	6.423	ug/l #	16
40) Benzene	8.612	78	259714	36.906	ug/l	99
42) 1,2-Dichloroethane	8.618	62	2154	0.914	ug/l #	75
52) Toluene	10.629	92	21851	4.819	ug/l	98
67) Ethyl Benzene	11.965	91	2524	0.308	ug/l #	67
68) m/p-Xylenes	12.065	106	4275	1.283	ug/l	97
69) o-Xylene	12.406	106	1850	0.559	ug/l	95
76) 1,2,3-Trichloropropane	12.853	75	43120	23.232	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	43120	68.738	ug/l #	10

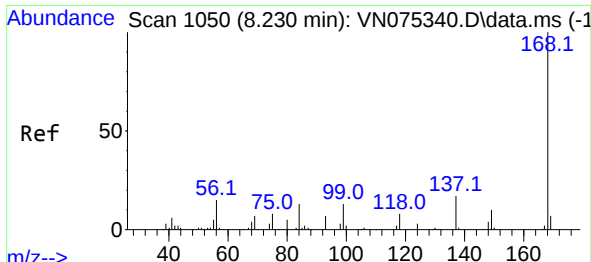
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
Data File : VN075564.D
Acq On : 05 Dec 2022 17:19
Operator : JC\MD
Sample : N5834-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

Quant Time: Dec 06 03:25:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

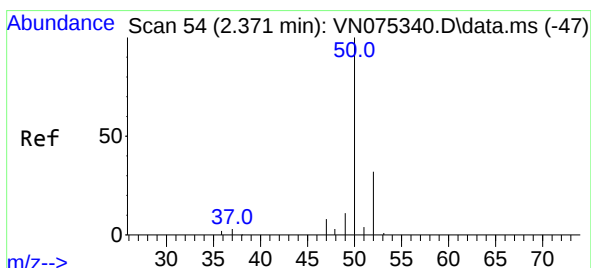
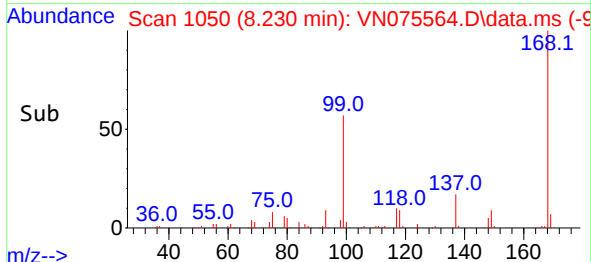
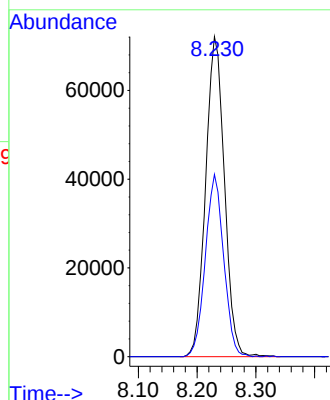
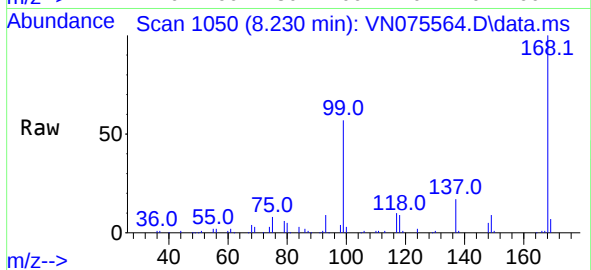




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

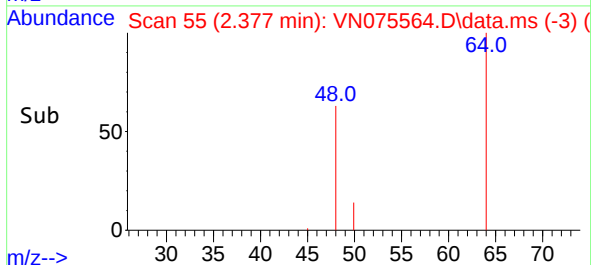
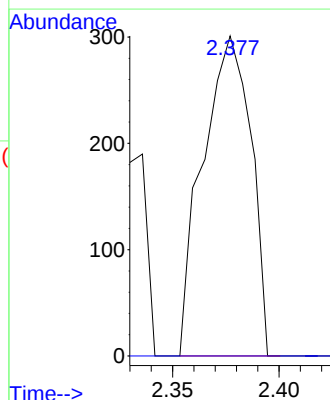
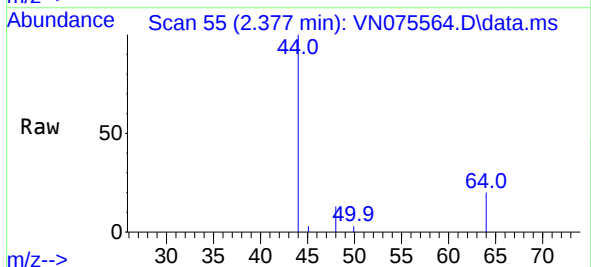
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

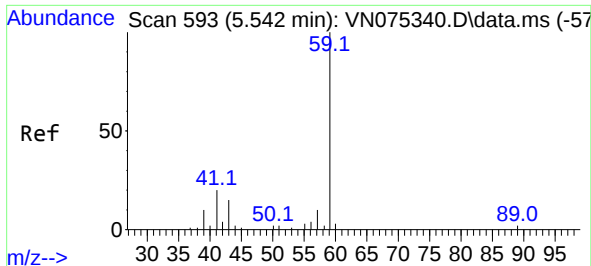
Tgt Ion:168 Resp: 160207
Ion Ratio Lower Upper
168 100
99 57.0 51.6 77.4



#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 50 Resp: 474
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

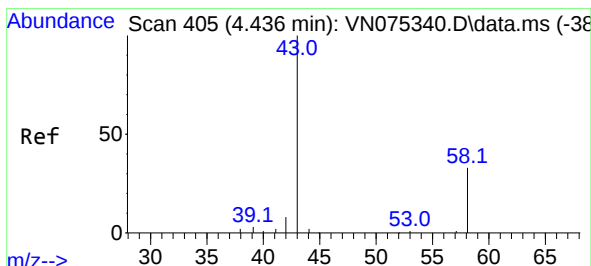
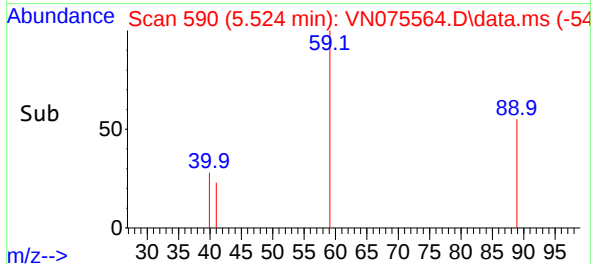
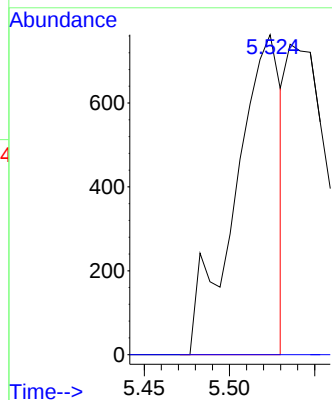
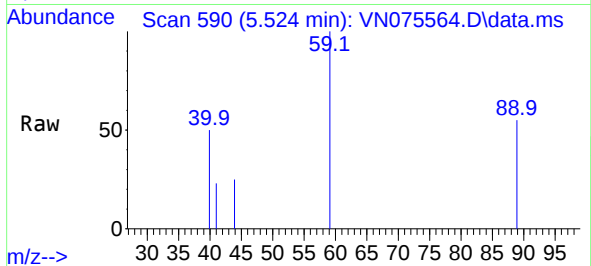




#11
Tert butyl alcohol
Concen: 3.942 ug/l
RT: 5.524 min Scan# 591
Delta R.T. -0.018 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

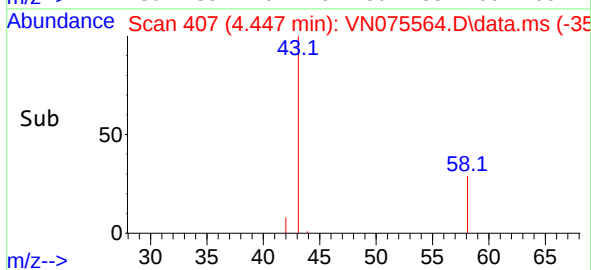
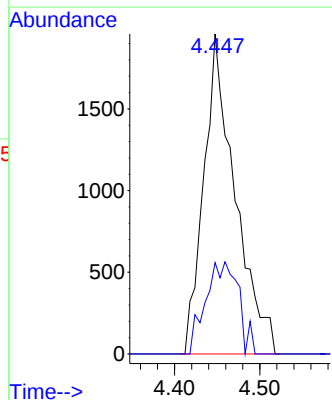
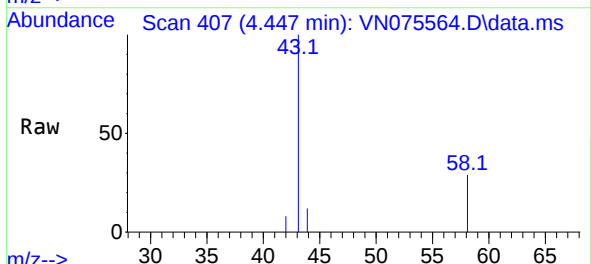
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

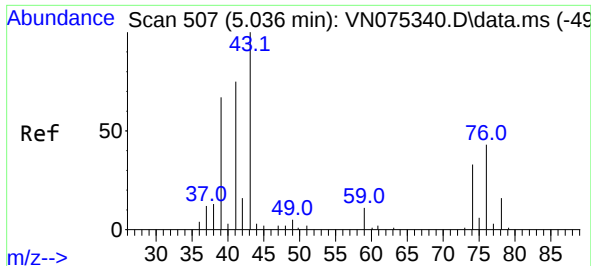
Tgt Ion: 59 Resp: 1423
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 6.236 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
58 28.5 25.5 38.3

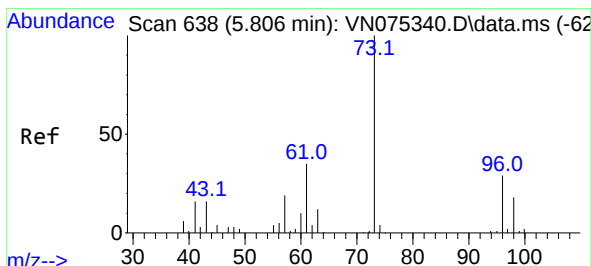
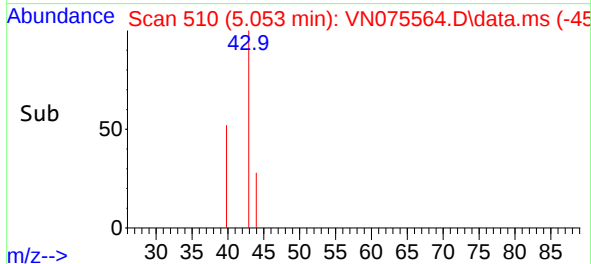
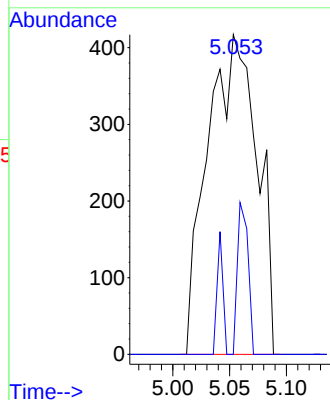
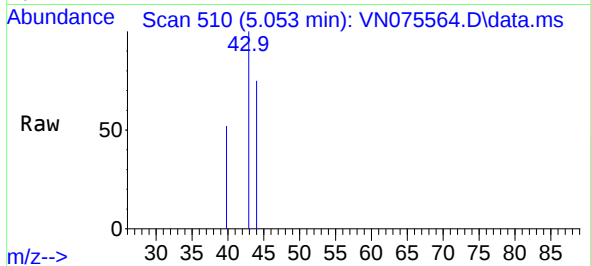




#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

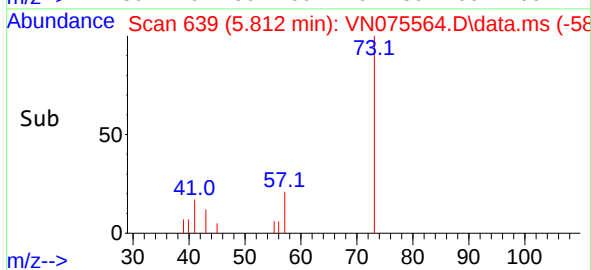
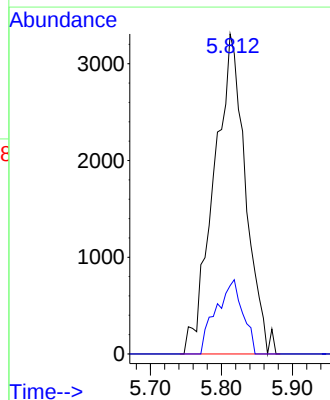
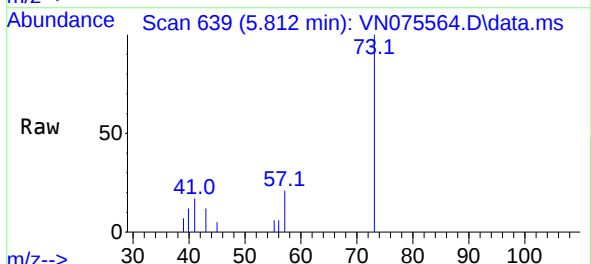
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

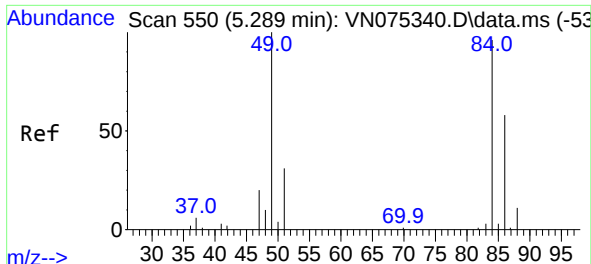
Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
74 10.1 22.0 33.0#



#19
Methyl tert-butyl Ether
Concen: 1.944 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

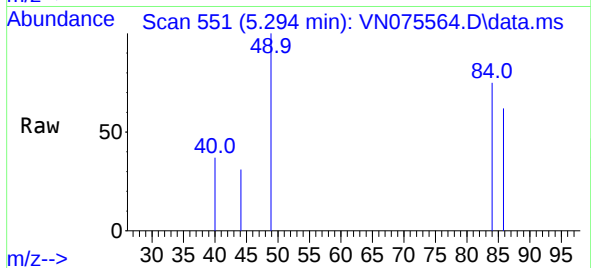
Tgt Ion: 73 Resp: 10218
Ion Ratio Lower Upper
73 100
57 21.3 16.3 24.5





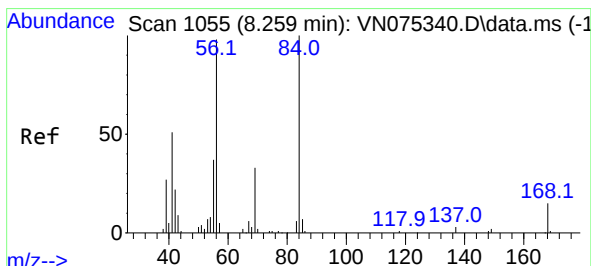
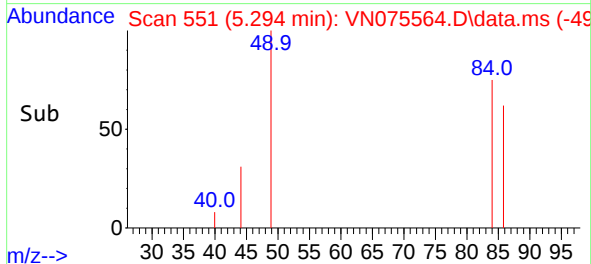
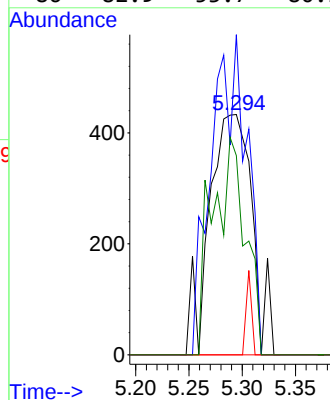
#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL



Tgt Ion: 84 Resp: 1214

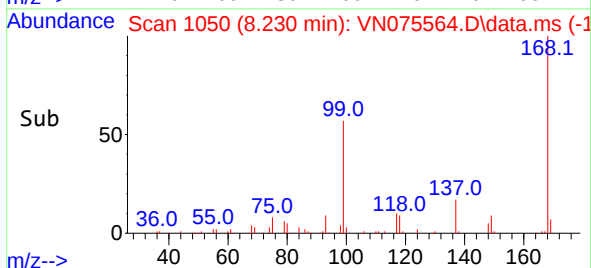
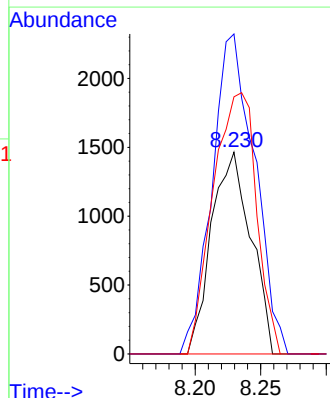
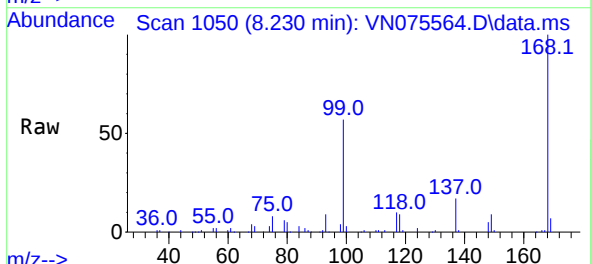
Ion	Ratio	Lower	Upper
84	100		
49	133.3	94.9	142.3
51	0.0	26.8	40.2#
86	82.9	53.7	80.5#

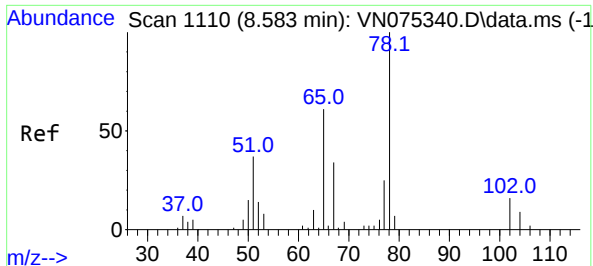


#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 56 Resp: 3059

Ion	Ratio	Lower	Upper
56	100		
69	158.6	25.2	37.8#
84	127.4	77.8	116.8#

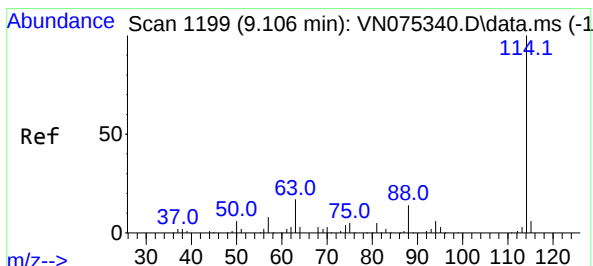
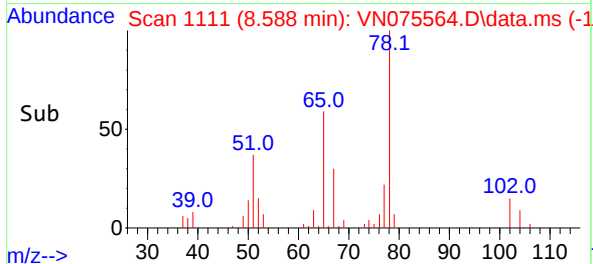
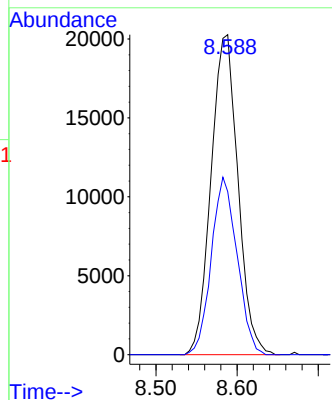
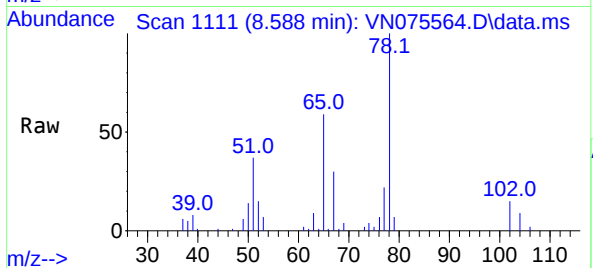




#33
1,2-Dichloroethane-d4
Concen: 54.260 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

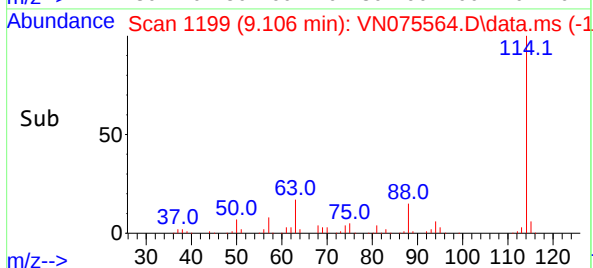
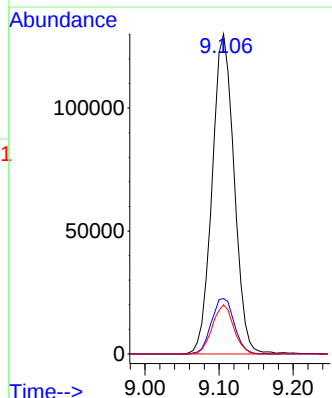
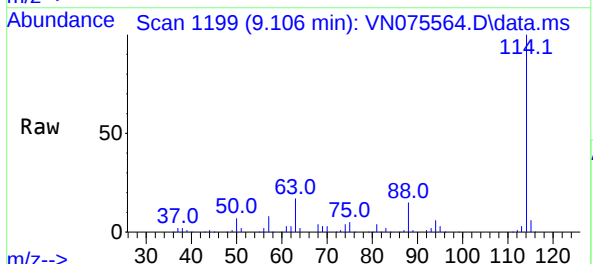
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

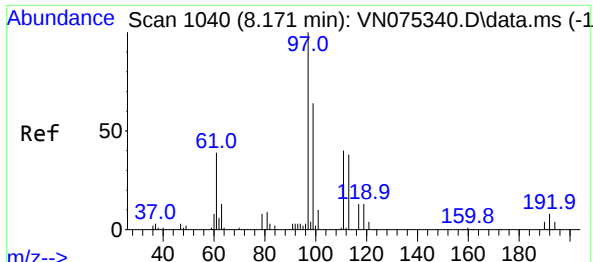
Tgt Ion: 65 Resp: 46662
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

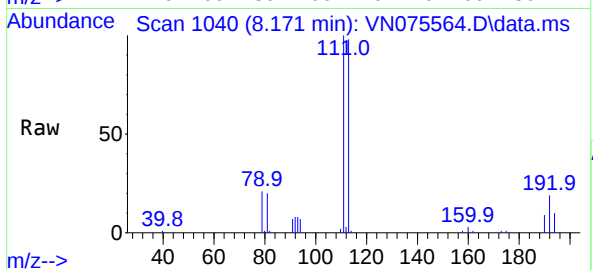
Tgt Ion: 114 Resp: 268295
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 15.4 0.0 29.0



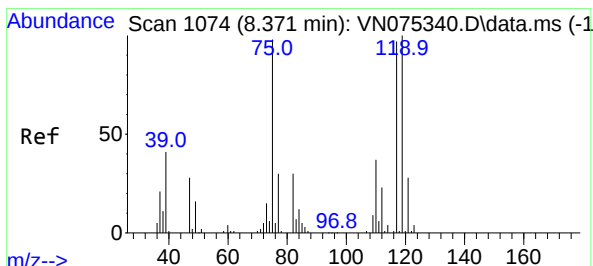
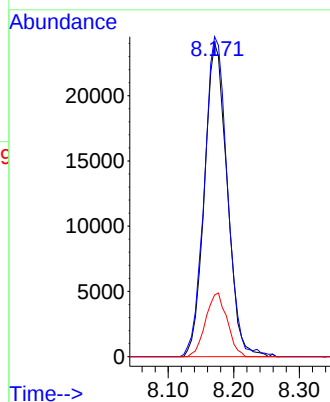
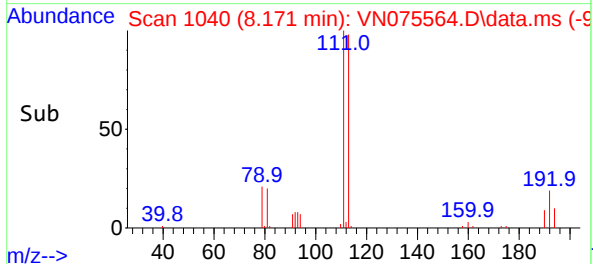


#35
Dibromofluoromethane
Concen: 54.730 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

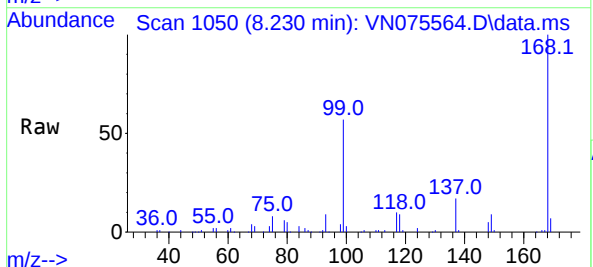
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL



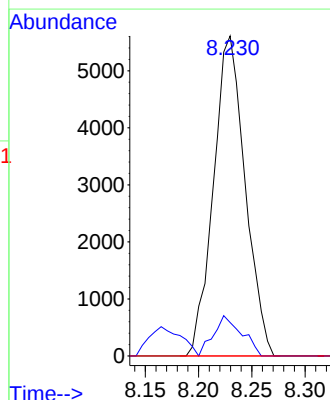
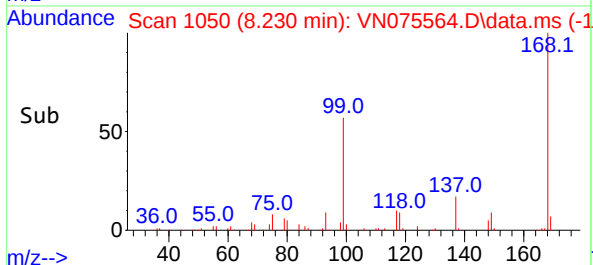
Tgt Ion:113 Resp: 57683
Ion Ratio Lower Upper
113 100
111 104.1 80.5 120.7
192 19.2 13.2 19.8

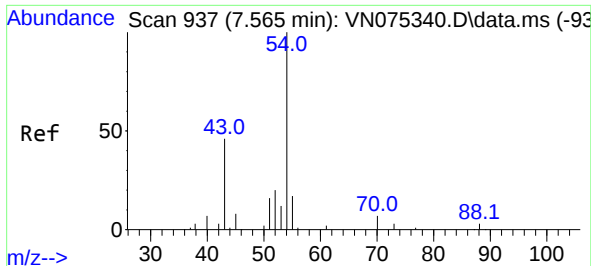


#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19



Tgt Ion: 75 Resp: 11608
Ion Ratio Lower Upper
75 100
110 11.2 17.8 53.3#
77 0.0 24.6 37.0#

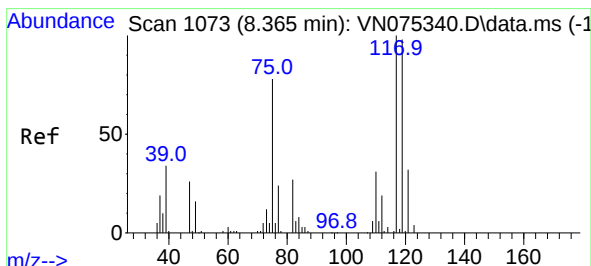
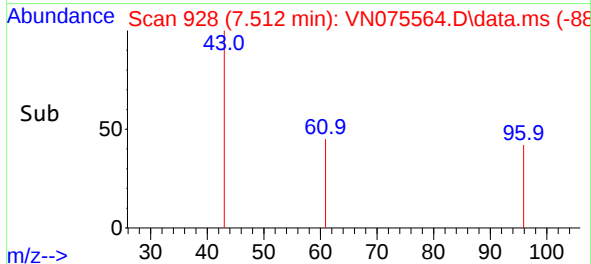
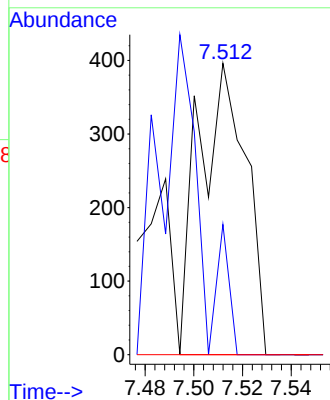
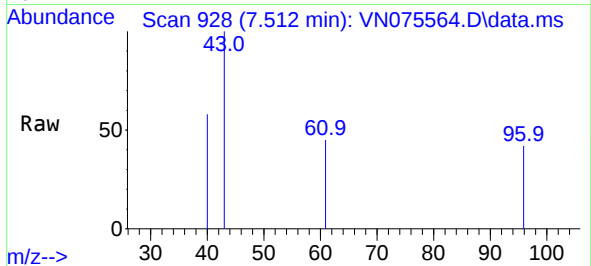




#37
Ethyl Acetate
Concen: 0.258 ug/l
RT: 7.512 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

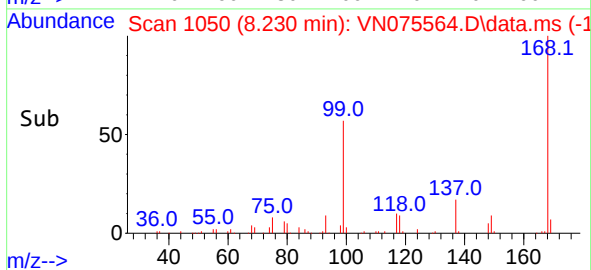
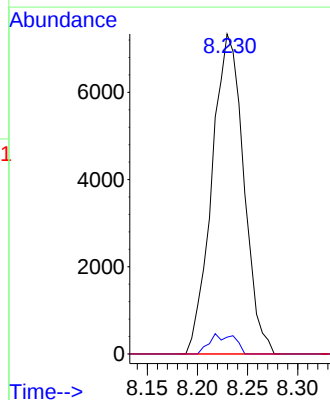
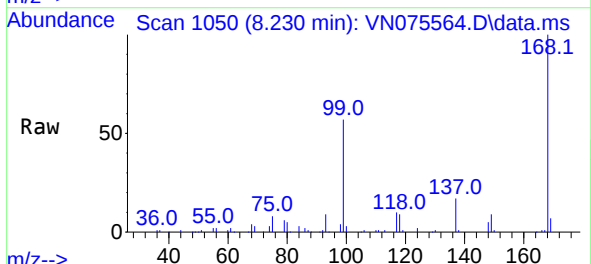
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

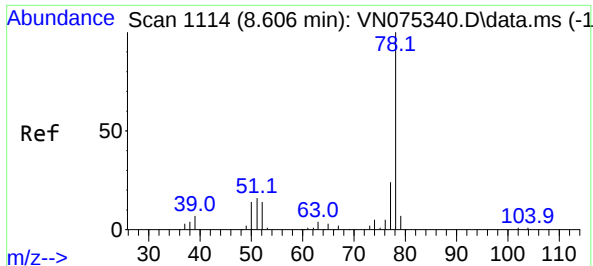
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 6.423 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 117 Resp: 16216
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 23.9 35.9#

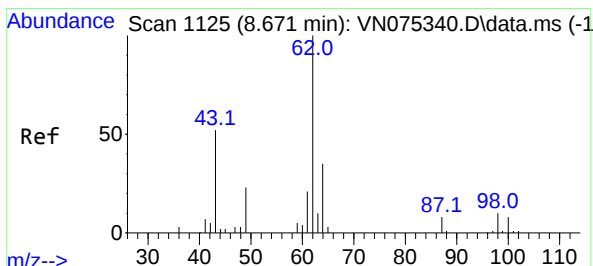
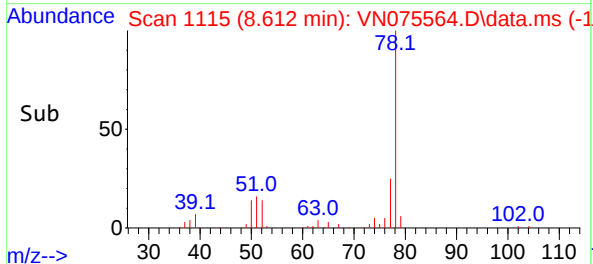
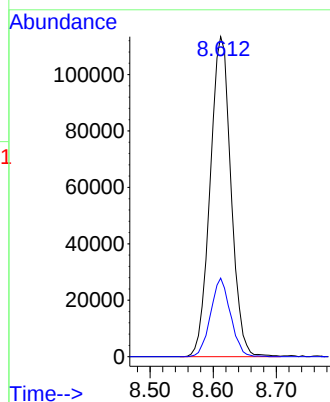
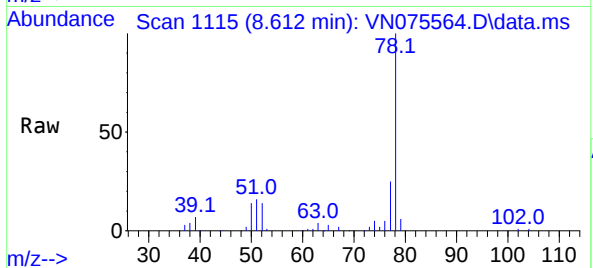




#40
Benzene
Concen: 36.906 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

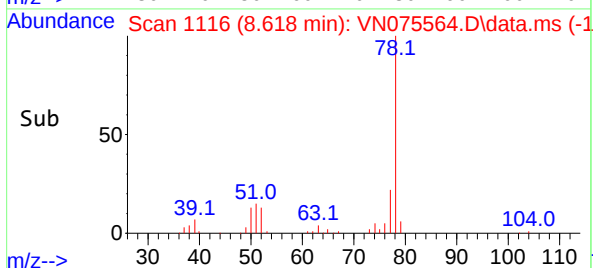
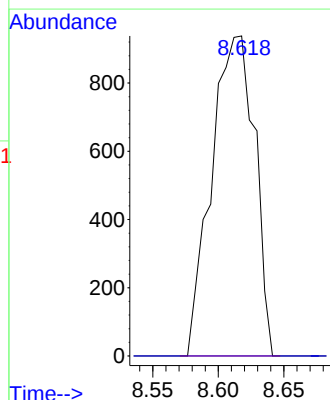
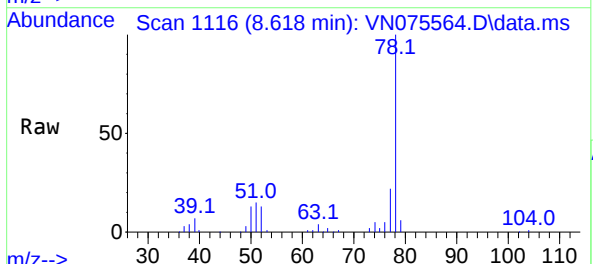
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

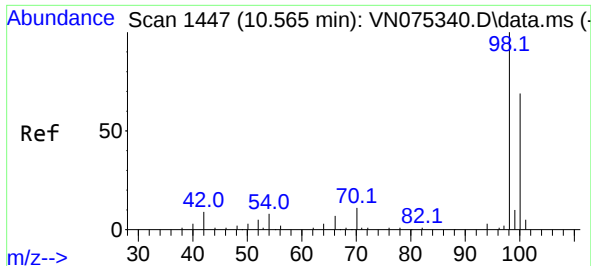
Tgt Ion: 78 Resp: 259714
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



#42
1,2-Dichloroethane
Concen: 0.914 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. -0.053 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 62 Resp: 2154
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

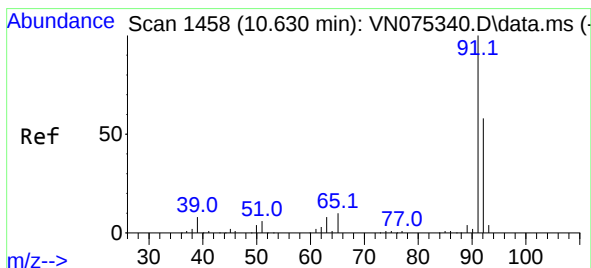
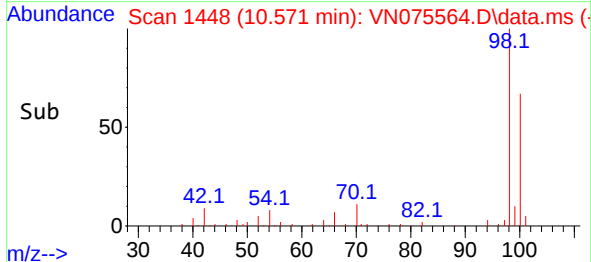
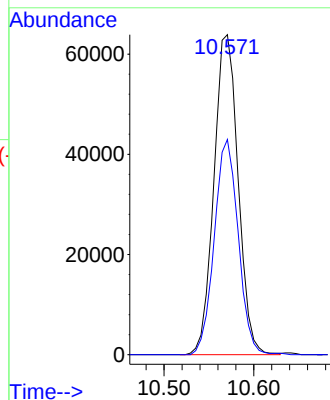
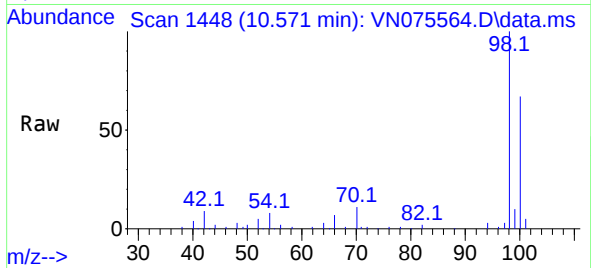




#50
Toluene-d8
Concen: 50.463 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

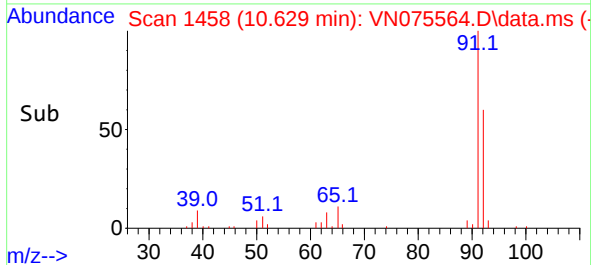
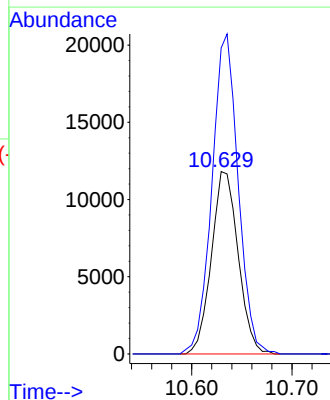
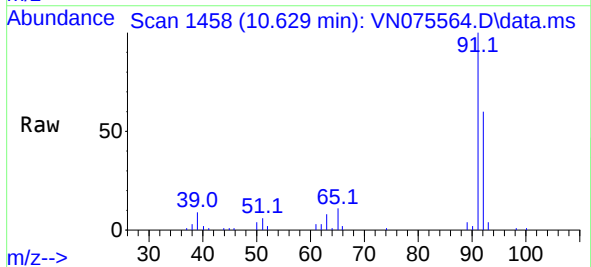
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

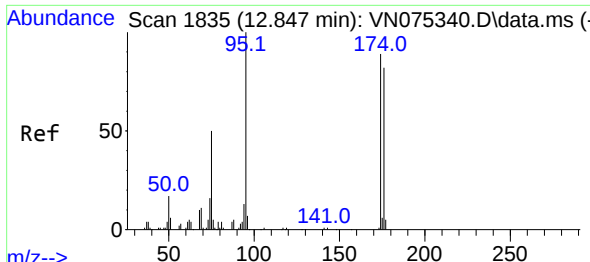
Tgt Ion: 98 Resp: 119788
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#52
Toluene
Concen: 4.819 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 92 Resp: 21851
Ion Ratio Lower Upper
92 100
91 171.7 135.4 203.2

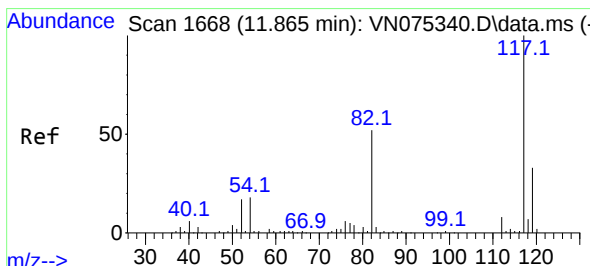
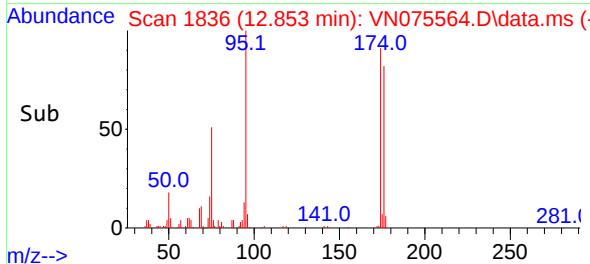
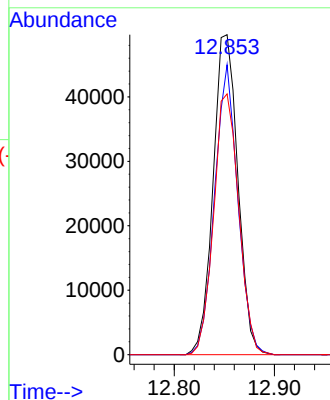
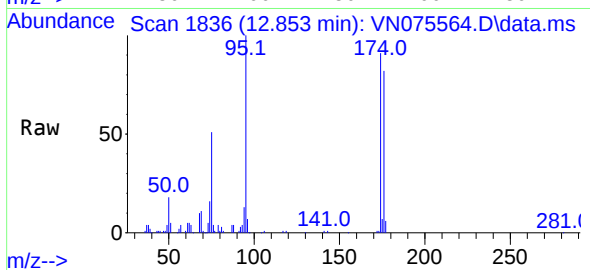




#62
4-Bromofluorobenzene
Concen: 48.649 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

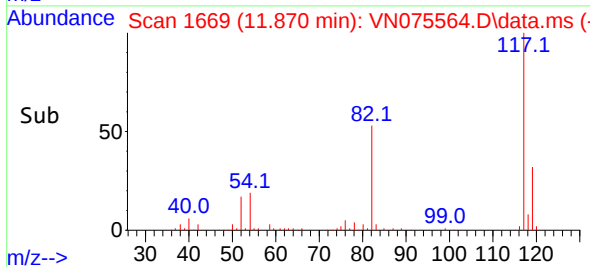
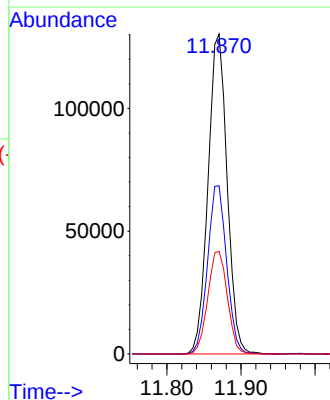
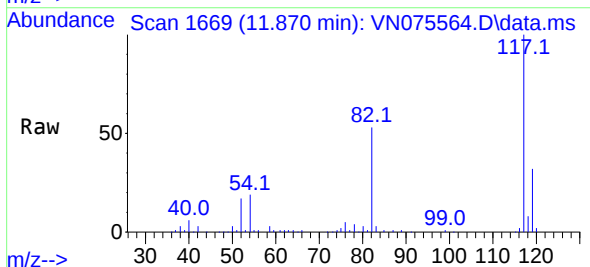
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

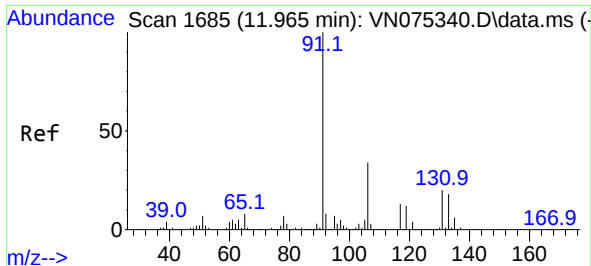
Tgt Ion: 95 Resp: 85239
Ion Ratio Lower Upper
95 100
174 84.9 0.0 147.4
176 82.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 117 Resp: 232920
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 32.1 25.5 38.3

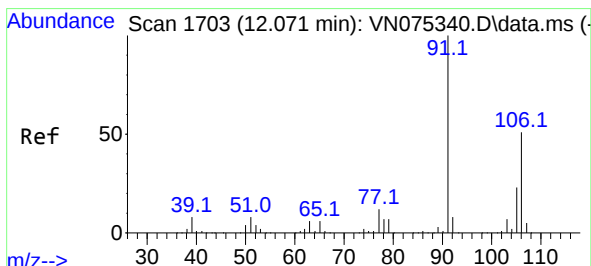
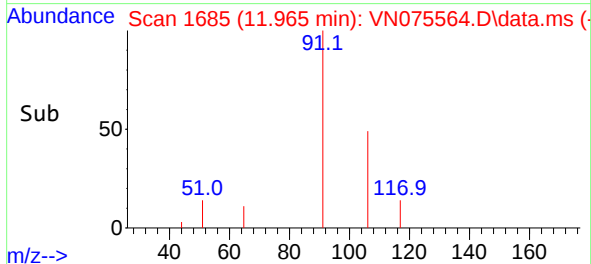
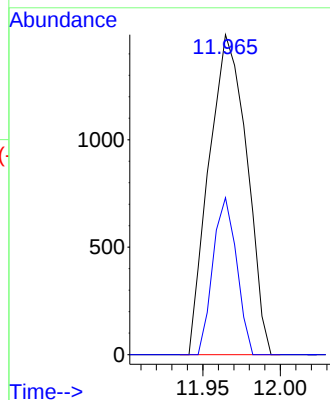
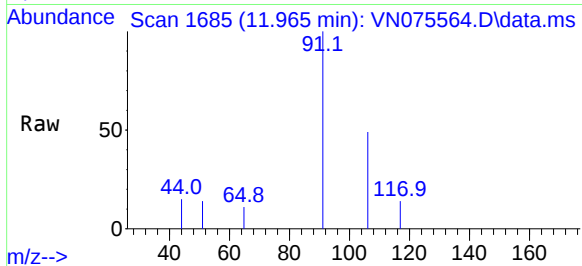




#67
Ethyl Benzene
Concen: 0.308 ug/l
RT: 11.965 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

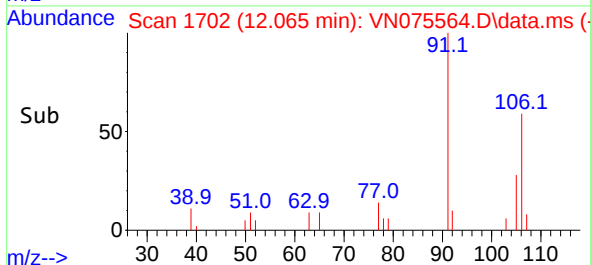
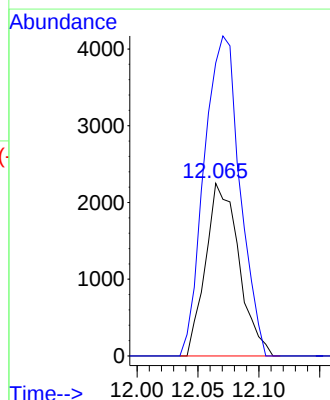
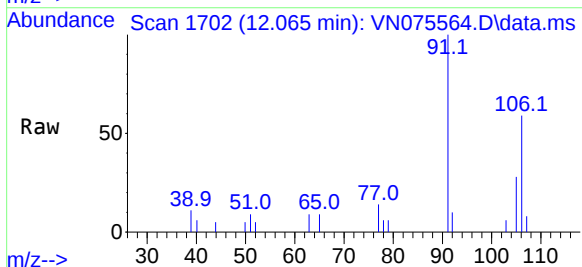
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

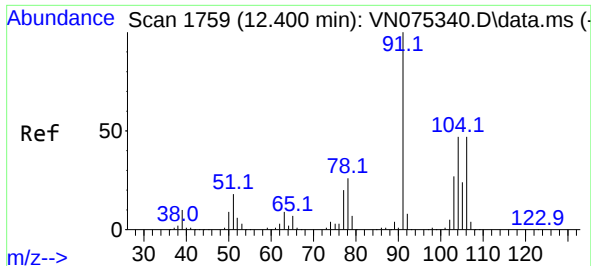
Tgt Ion: 91 Resp: 2524
Ion Ratio Lower Upper
91 100
106 49.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 1.283 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 106 Resp: 4275
Ion Ratio Lower Upper
106 100
91 198.9 156.0 234.0

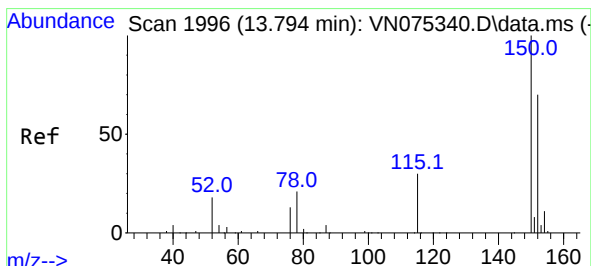
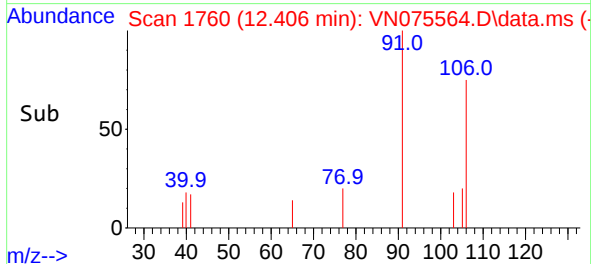
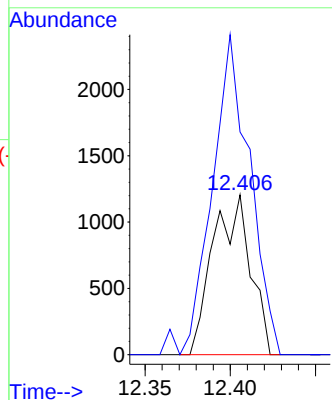
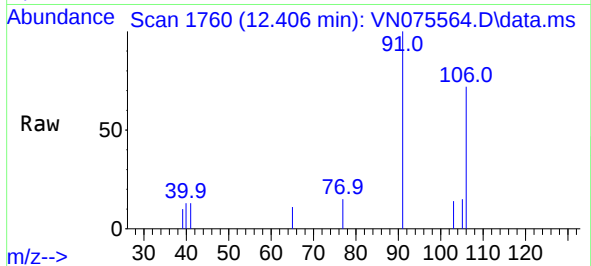




#69
o-Xylene
Concen: 0.559 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

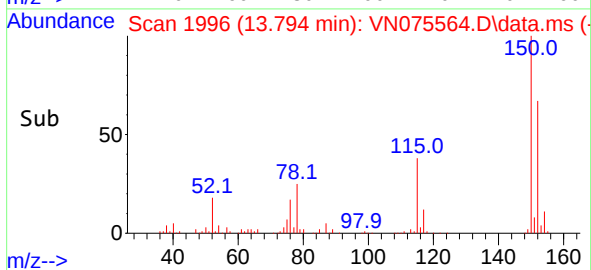
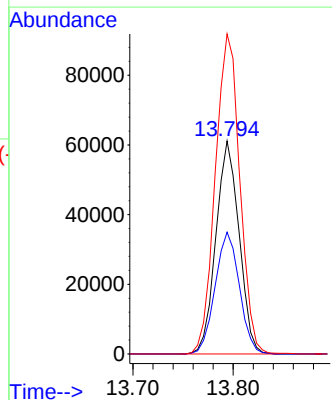
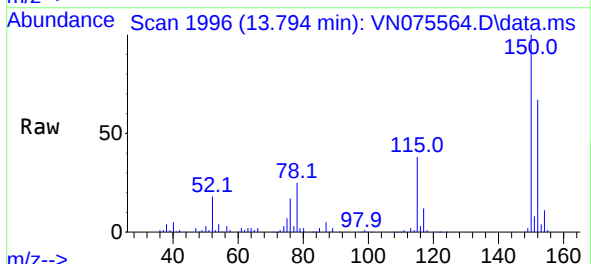
Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

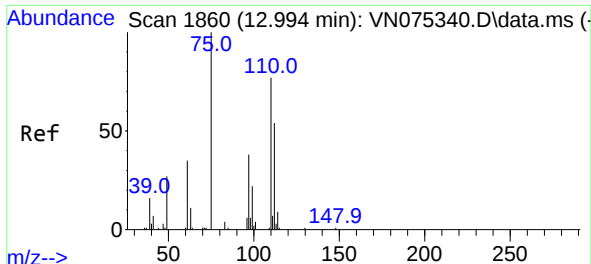
Tgt Ion:106 Resp: 1850
Ion Ratio Lower Upper
106 100
91 201.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion:152 Resp: 98166
Ion Ratio Lower Upper
152 100
115 59.8 30.2 90.6
150 158.9 0.0 348.4

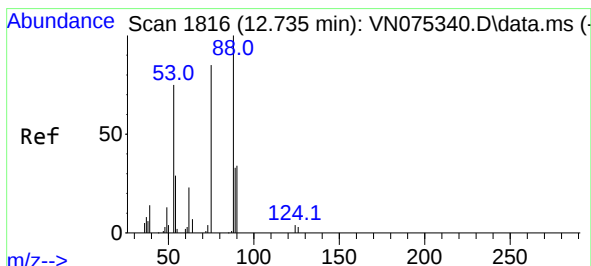
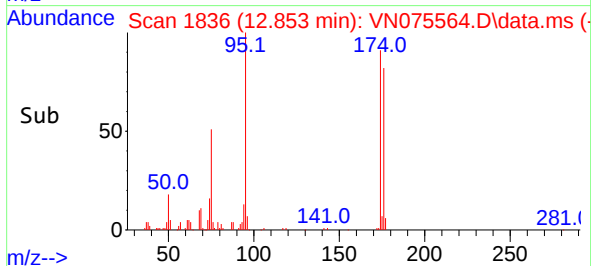
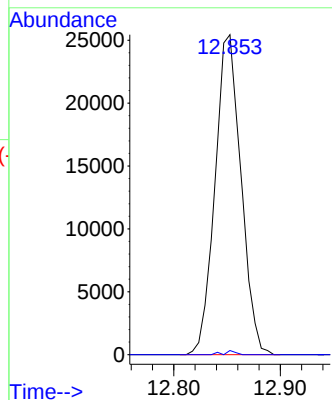
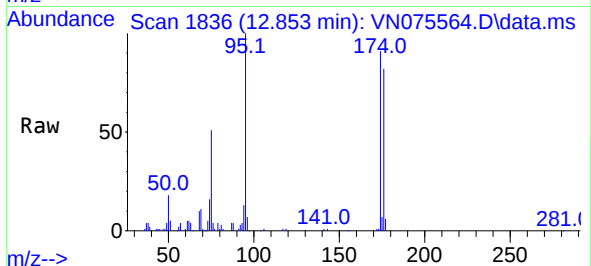




#76
1,2,3-Trichloropropane
Concen: 23.232 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
SAY1-SILICA-1201DL

Tgt Ion: 75 Resp: 43120
Ion Ratio Lower Upper
75 100
77 0.6 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.738 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075564.D
Acq: 05 Dec 2022 17:19

Tgt Ion: 75 Resp: 43120
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

