

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075538.D
 Acq On : 02 Dec 2022 17:41
 Operator : JC\MD
 Sample : N5840-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-SILICA-1201

Quant Time: Dec 03 00:36:02 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	169461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	44239	48.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.260%
35) Dibromofluoromethane	8.171	113	55607	51.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	10.571	98	118853	48.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.847	95	93596	52.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.260%

Target Compounds						Qvalue
3) Chloromethane	2.330	50	1414	0.877	ug/l #	42
6) Chloroethane	3.130	64	600	0.390	ug/l #	45
8) Diethyl Ether	3.971	74	146391	143.879	ug/l	94
11) Tert butyl alcohol	5.542	59	184697	483.679	ug/l #	87
14) Allyl chloride	5.030	41	898	0.442	ug/l #	19
15) Acrylonitrile	5.806	53	653	0.745	ug/l #	25
16) Acetone	4.436	43	278160	327.836	ug/l	97
17) Carbon Disulfide	4.718	76	2785	0.683	ug/l #	74
18) Methyl Acetate	5.036	43	58204	26.605	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	84625	15.223	ug/l #	80
20) Methylene Chloride	5.277	84	2070	Below Cal	#	72
22) Diisopropyl ether	6.688	45	450856	97.330	ug/l #	1
23) Vinyl Acetate	6.700	43	25919	7.033	ug/l #	74
24) 1,1-Dichloroethane	6.694	63	3188	1.072	ug/l #	82
25) 2-Butanone	7.488	43	108117	91.271	ug/l	97
29) Tetrahydrofuran	7.859	42	4132	5.735	ug/l	88
31) Cyclohexane	8.265	56	19658	6.802	ug/l	95
36) 1,1-Dichloropropene	8.230	75	11266	4.783	ug/l #	49
37) Ethyl Acetate	7.559	43	6131	2.891	ug/l #	79
38) Carbon Tetrachloride	8.230	117	16403	6.340	ug/l #	16
39) Methylcyclohexane	9.606	83	18362	6.229	ug/l	92
40) Benzene	8.612	78	2548094	353.367	ug/l	99
41) Methacrylonitrile	7.794	41	2451	2.261	ug/l #	34
42) 1,2-Dichloroethane	8.612	62	21838	9.043	ug/l #	75
43) Isopropyl Acetate	8.694	43	40449	11.883	ug/l	99
45) 1,2-Dichloropropane	9.641	63	955	0.556	ug/l #	42
48) Methyl methacrylate	9.653	41	18585	11.808	ug/l #	38
49) 1,4-Dioxane	9.706	88	4853	108.583	ug/l #	28
51) 4-Methyl-2-Pentanone	10.447	43	12744	5.878	ug/l	90
52) Toluene	10.635	92	3812052	820.364	ug/l	99
53) t-1,3-Dichloropropene	10.747	75	39657	15.694	ug/l #	51
54) cis-1,3-Dichloropropene	10.288	75	16090	5.863	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	1609	0.850	ug/l #	17
56) Ethyl methacrylate	10.959	69	9667	3.782	ug/l #	1
57) 1,3-Dichloropropane	11.000	76	4101	1.329	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.288	63	20447	22.182	ug/l	91

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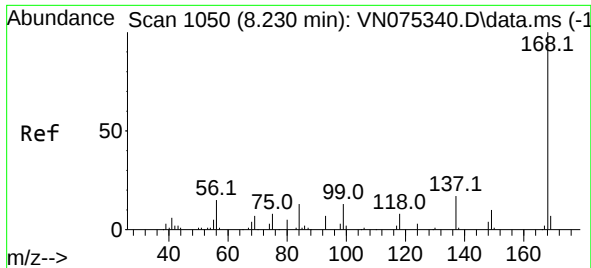
Instrument :
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 Response via : Initial Calibration

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

59) 2-Hexanone	11.200	43	14634	8.989	ug/l #	21
67) Ethyl Benzene	11.965	91	388004	43.401	ug/l	99
68) m/p-Xylenes	12.070	106	1175008	323.655	ug/l	98
69) o-Xylene	12.400	106	392672	108.861	ug/l	99
70) Styrene	12.400	104	19925	3.502	ug/l #	1
73) Isopropylbenzene	12.700	105	62541	6.786	ug/l	97
74) N-amyl acetate	12.459	43	9020	3.184	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.982	83	9064	3.226	ug/l #	26
76) 1,2,3-Trichloropropane	13.106	75	4686	1.965	ug/l #	1
78) n-propylbenzene	13.041	91	41785	4.063	ug/l	99
79) 2-Chlorotoluene	13.100	91	40154	6.480	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.176	105	234307	30.601	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	47813	59.314	ug/l #	17
82) 4-Chlorotoluene	13.100	91	40154	6.480	ug/l #	46
83) tert-Butylbenzene	13.676	119	35490	5.084	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	421905	54.933	ug/l	100
85) sec-Butylbenzene	13.482	105	421905	44.540	ug/l #	56
86) p-Isopropyltoluene	13.729	119	15485	1.943	ug/l	98
89) n-Butylbenzene	14.017	91	19476	2.893	ug/l #	6
90) Hexachloroethane	14.335	117	3015	2.193	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.700	75	162	0.304	ug/l #	2
95) Naphthalene	15.641	128	15128	2.233	ug/l #	94

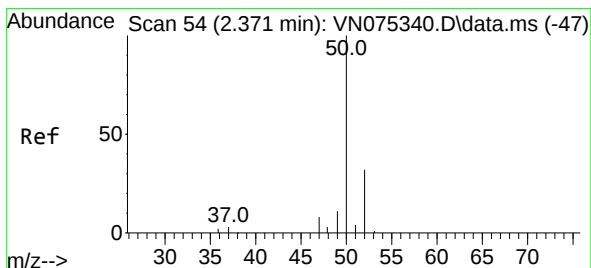
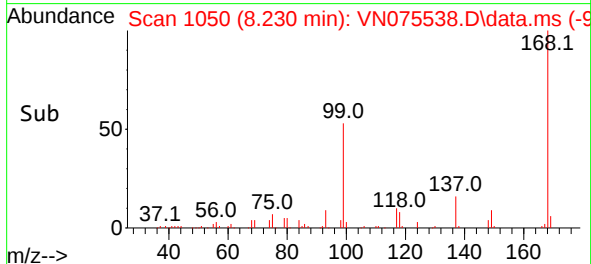
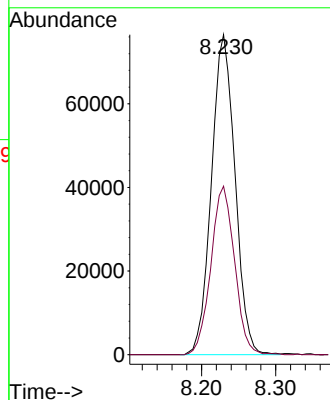
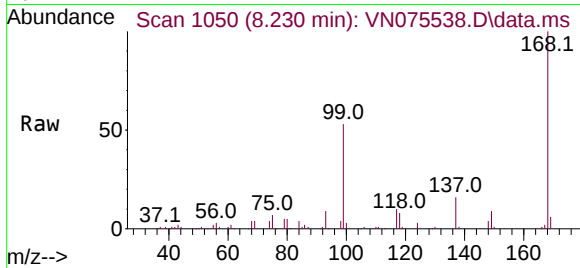
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
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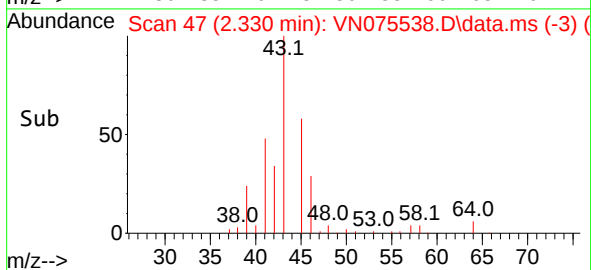
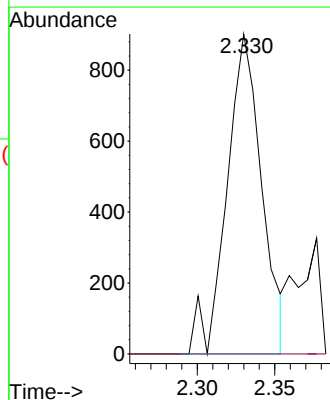
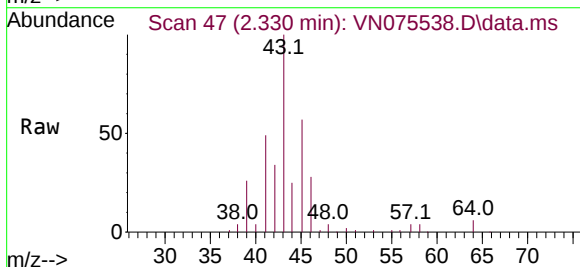
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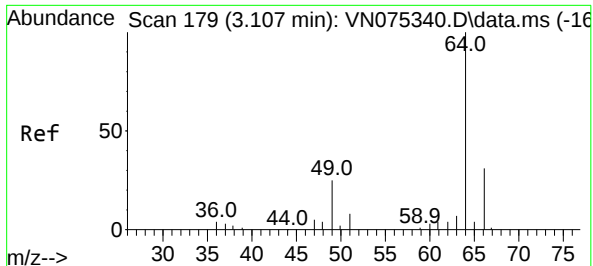
Tgt Ion:168 Resp: 169461
Ion Ratio Lower Upper
168 100
99 52.6 51.6 77.4



#3
Chloromethane
Concen: 0.877 ug/l
RT: 2.330 min Scan# 47
Delta R.T. -0.041 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 50 Resp: 1414
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

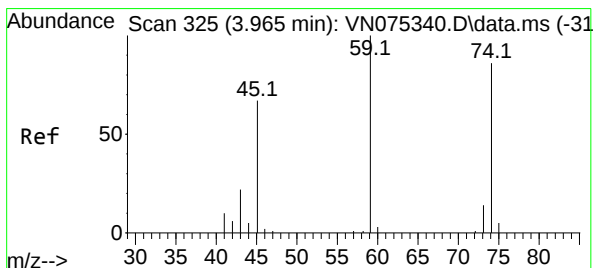
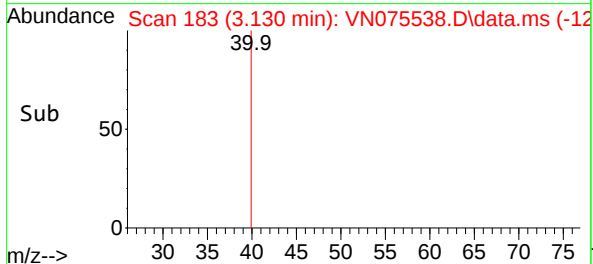
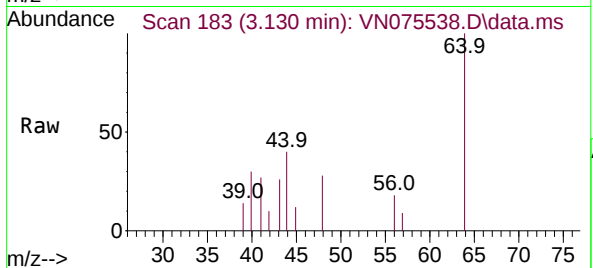




#6
Chloroethane
Concen: 0.390 ug/l
RT: 3.130 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

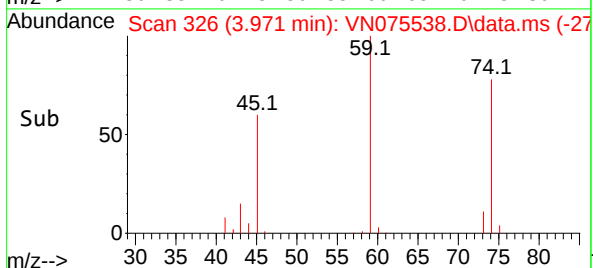
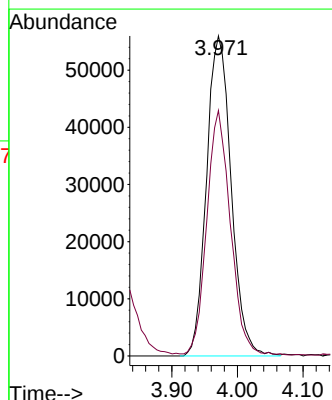
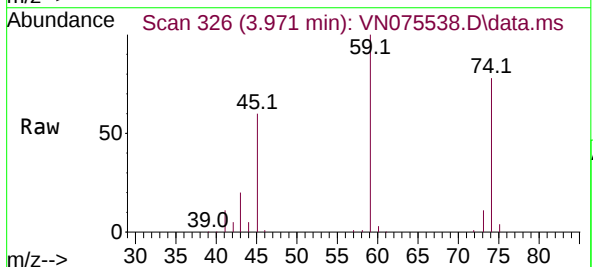
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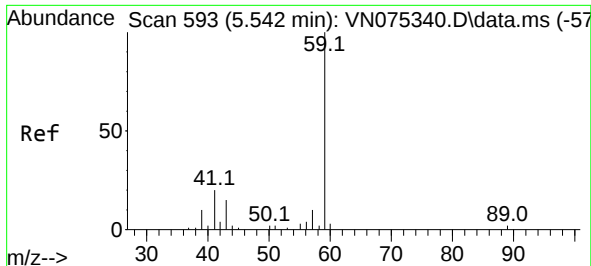
Tgt Ion: 64 Resp: 600
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#8
Diethyl Ether
Concen: 143.879 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 74 Resp: 146391
Ion Ratio Lower Upper
74 100
45 73.4 39.3 117.9

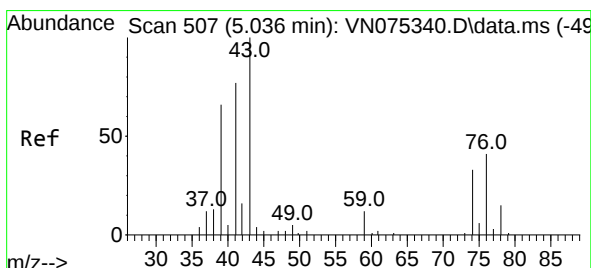
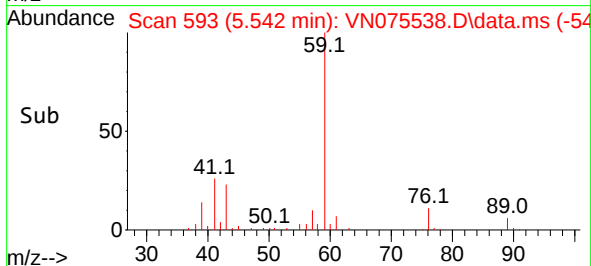
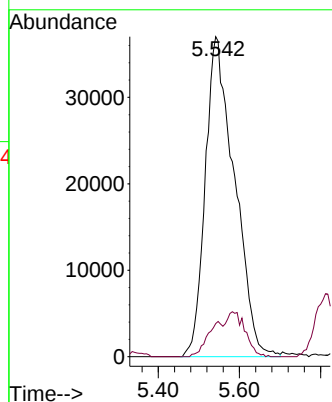
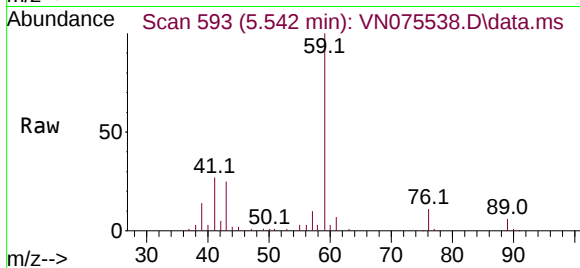




#11
Tert butyl alcohol
Concen: 483.679 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

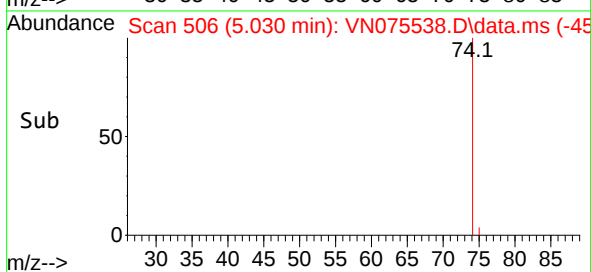
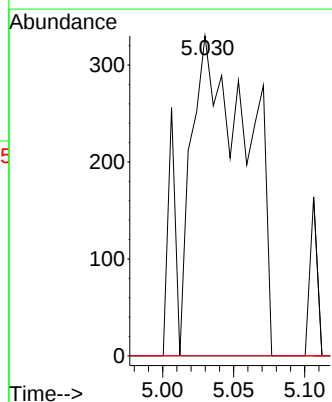
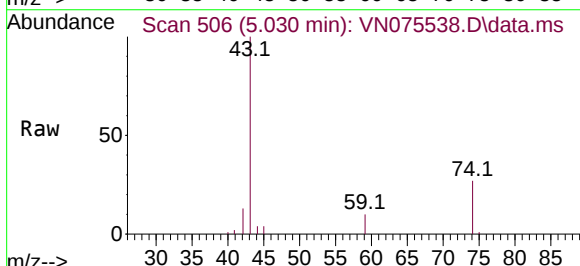
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ClientSampleId :
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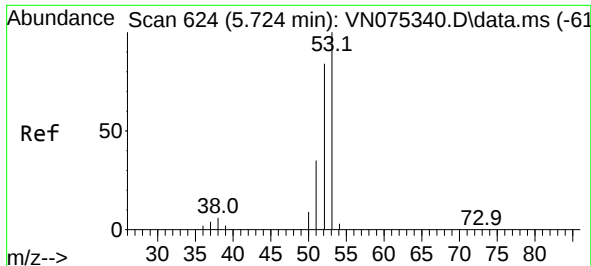
Tgt Ion: 59 Resp: 184697
Ion Ratio Lower Upper
59 100
57 5.9 8.5 12.7#



#14
Allyl chloride
Concen: 0.442 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 41 Resp: 898
Ion Ratio Lower Upper
41 100
39 0.0 61.0 91.4#
76 0.0 33.4 50.0#

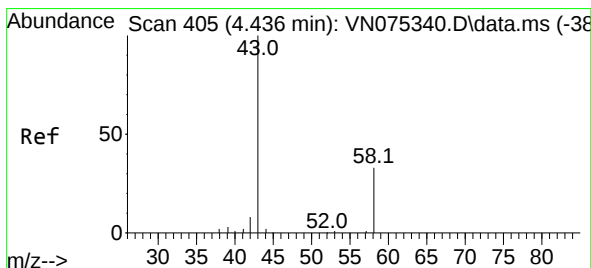
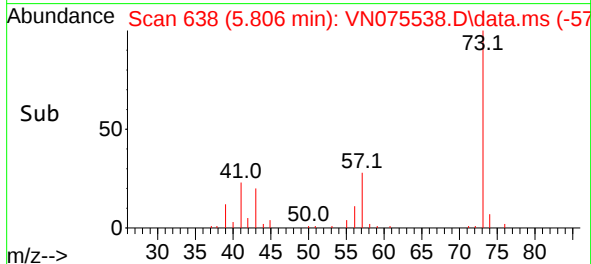
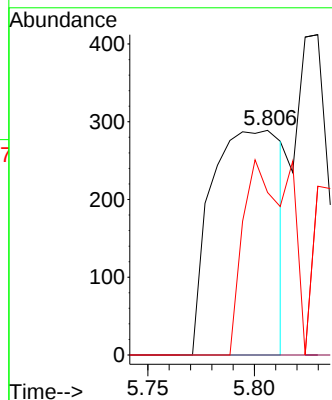
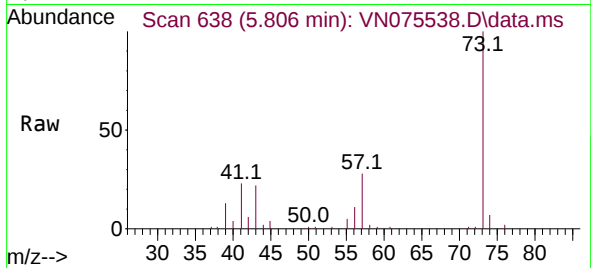




#15
Acrylonitrile
Concen: 0.745 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.082 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

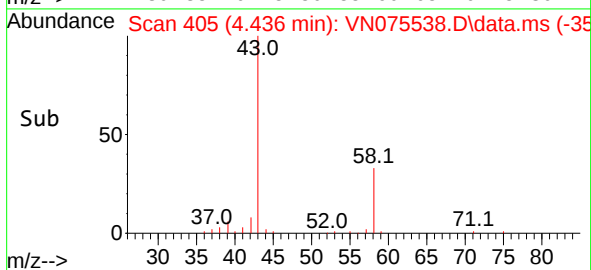
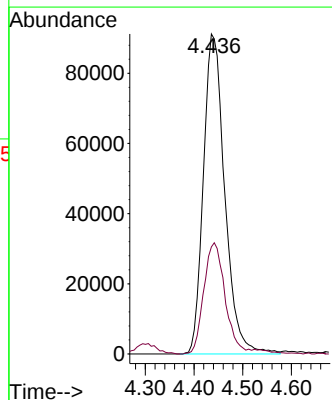
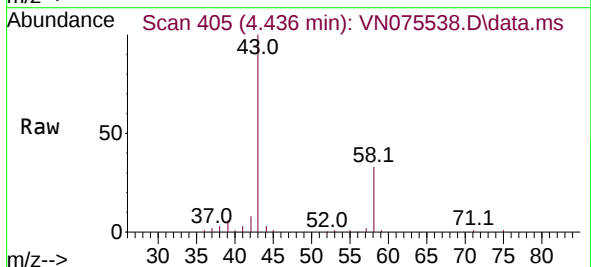
Instrument :
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ClientSampleId :
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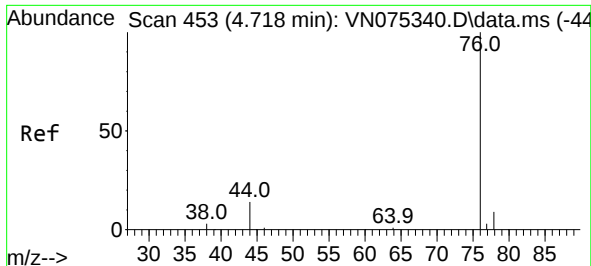
Tgt Ion: 53 Resp: 653
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 57.9 29.6 44.4#



#16
Acetone
Concen: 327.836 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 43 Resp: 278160
Ion Ratio Lower Upper
43 100
58 33.4 25.5 38.3

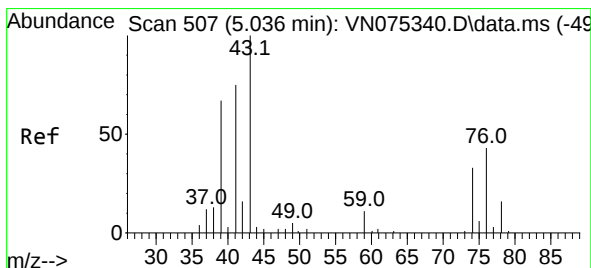
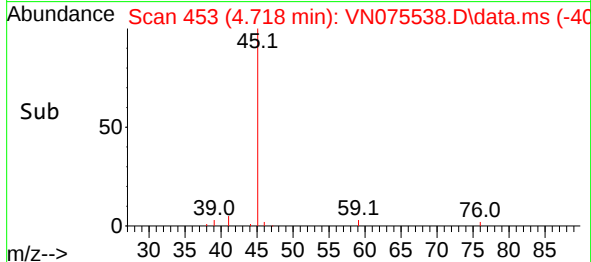
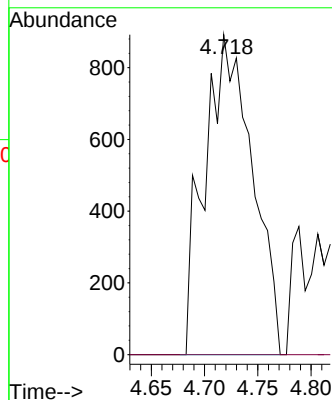
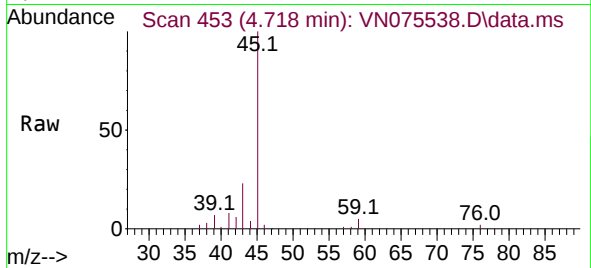




#17
Carbon Disulfide
Concen: 0.683 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

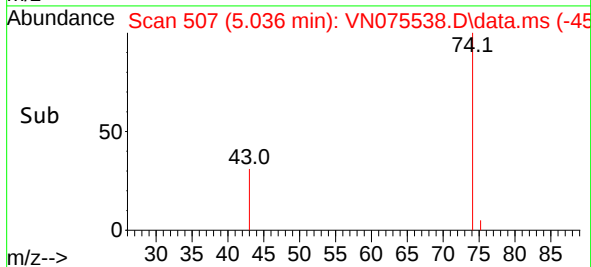
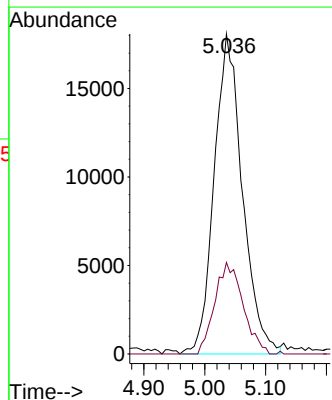
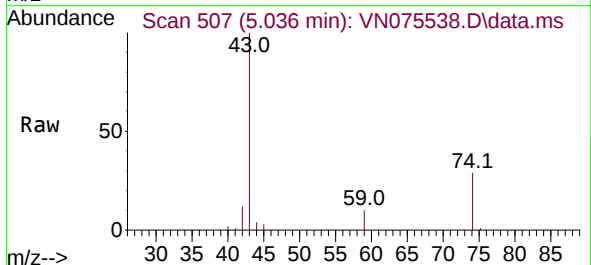
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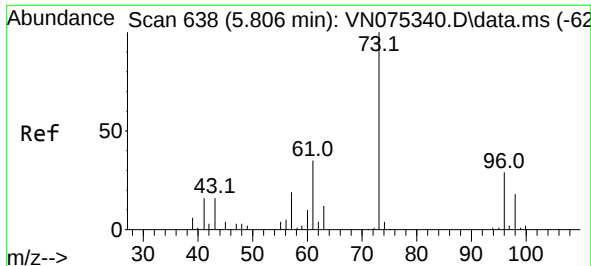
Tgt Ion: 76 Resp: 2785
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 26.605 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 43 Resp: 58204
Ion Ratio Lower Upper
43 100
74 28.5 22.0 33.0

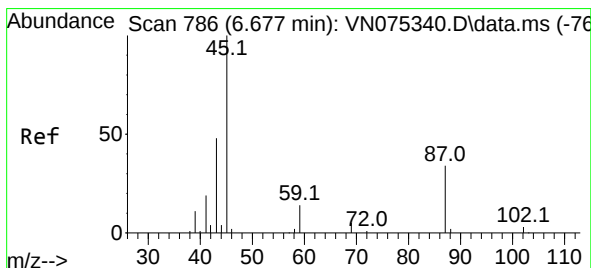
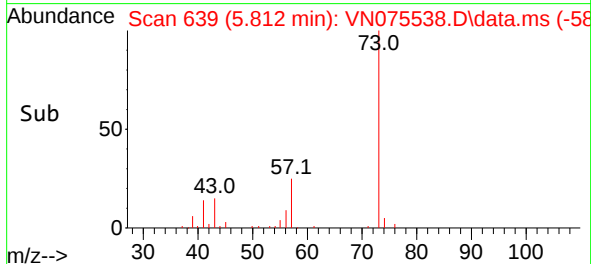
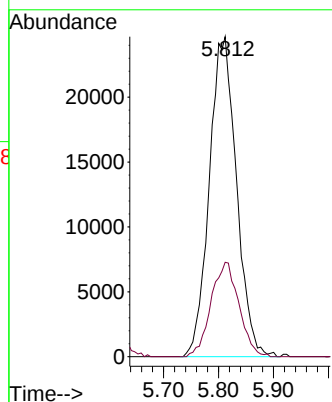
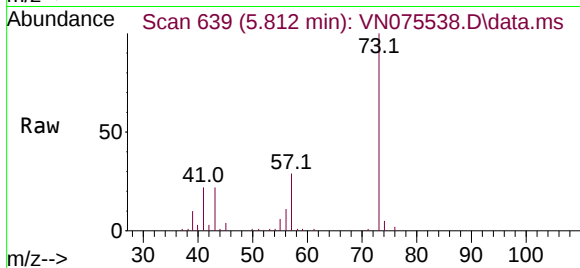




#19
Methyl tert-butyl Ether
Concen: 15.223 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

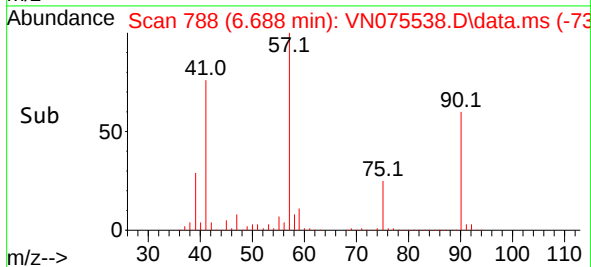
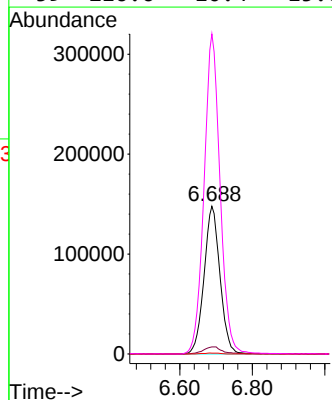
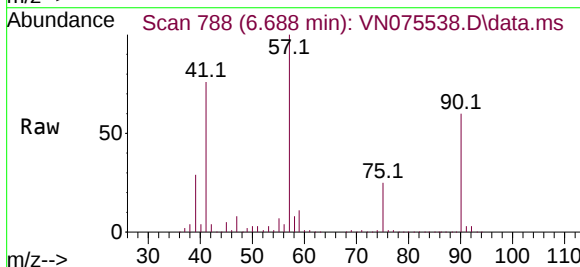
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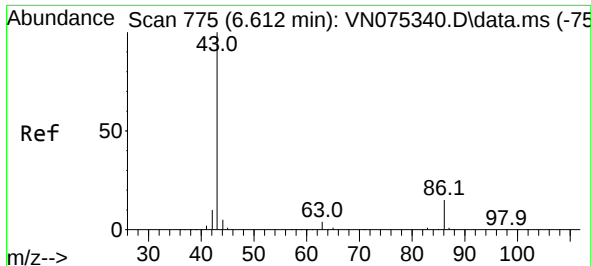
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Ion Ratio Lower Upper
73 100
57 29.5 16.3 24.5#



#22
Diisopropyl ether
Concen: 97.330 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.011 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 45 Resp: 450856
Ion Ratio Lower Upper
45 100
43 4.7 42.8 64.2#
87 0.6 28.4 42.6#
59 216.6 10.4 15.6#

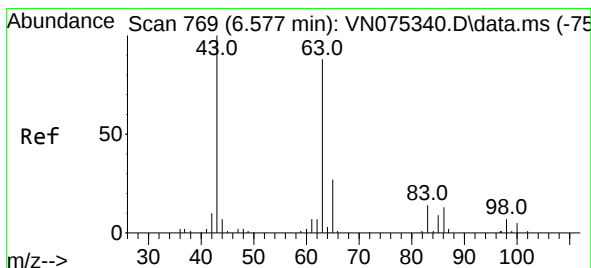
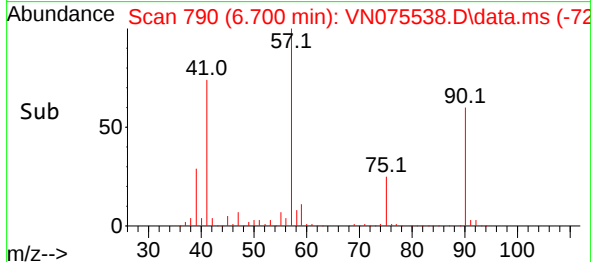
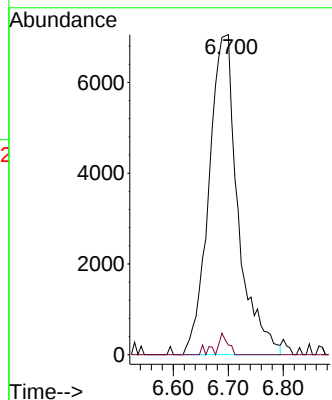
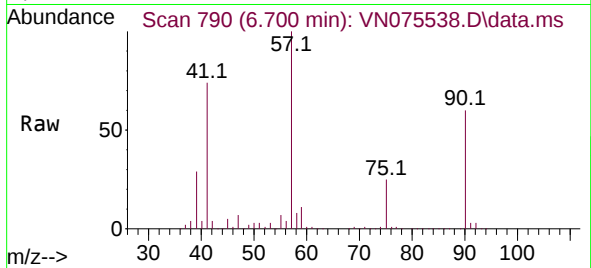




#23
 Vinyl Acetate
 Concen: 7.033 ug/l
 RT: 6.700 min Scan# 790
 Delta R.T. 0.088 min
 Lab File: VN075538.D
 Acq: 02 Dec 2022 17:41

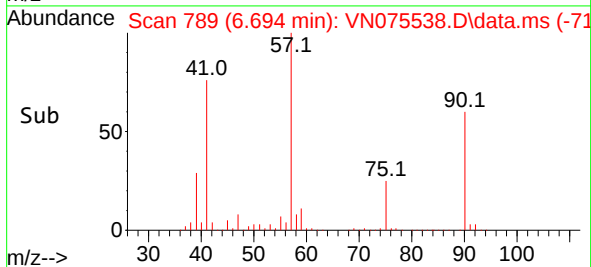
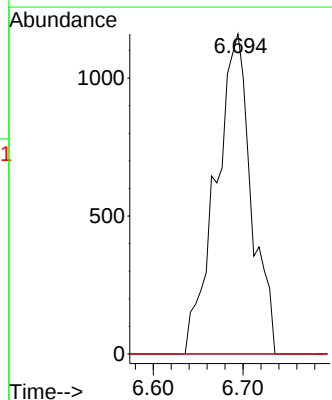
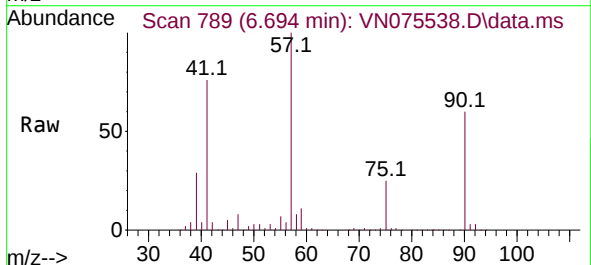
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-SILICA-1201

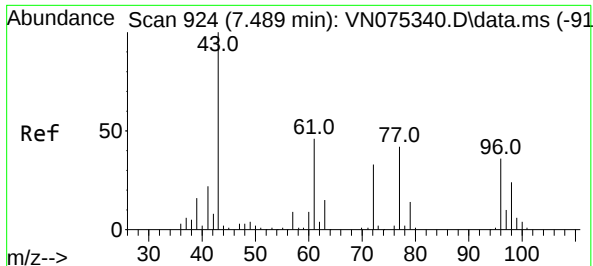
Tgt Ion: 43 Resp: 25919
 Ion Ratio Lower Upper
 43 100
 86 3.0 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 1.072 ug/l
 RT: 6.694 min Scan# 789
 Delta R.T. 0.117 min
 Lab File: VN075538.D
 Acq: 02 Dec 2022 17:41

Tgt Ion: 63 Resp: 3188
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 91.271 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

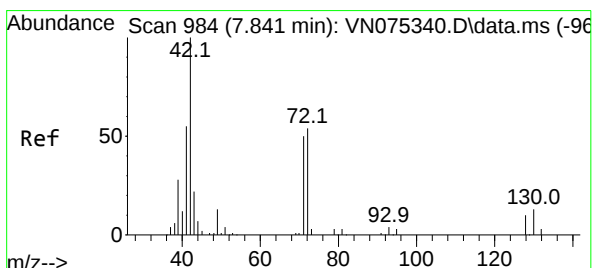
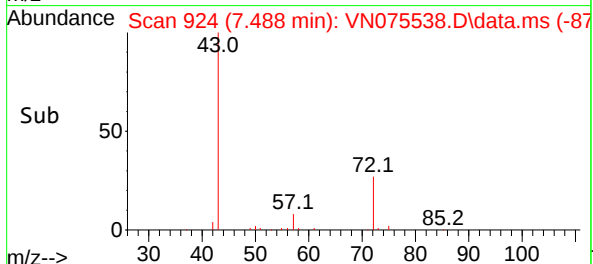
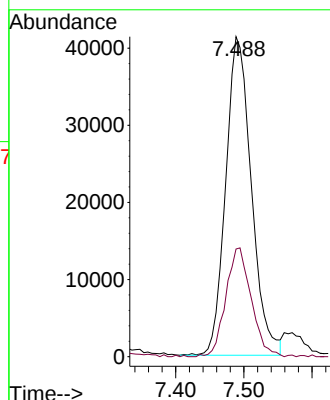
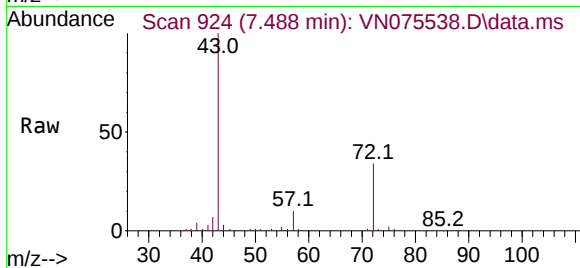
SP-SILICA-1201

Tgt Ion: 43 Resp: 108117

Ion Ratio Lower Upper

43 100

72 33.8 25.5 38.3



#29

Tetrahydrofuran

Concen: 5.735 ug/l

RT: 7.859 min Scan# 987

Delta R.T. 0.018 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

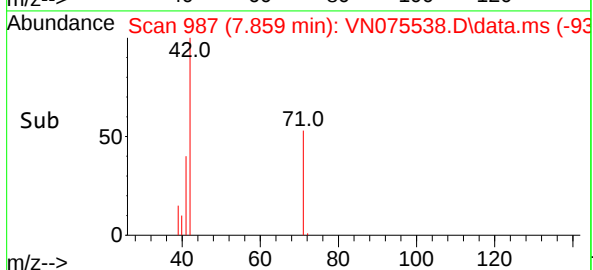
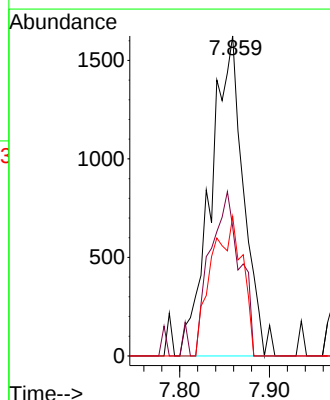
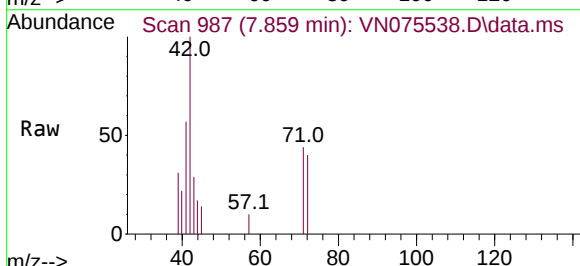
Tgt Ion: 42 Resp: 4132

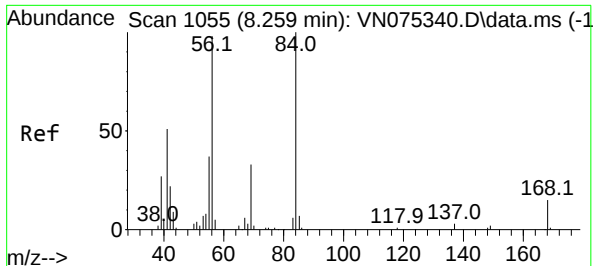
Ion Ratio Lower Upper

42 100

72 46.7 43.0 64.6

71 40.7 39.9 59.9

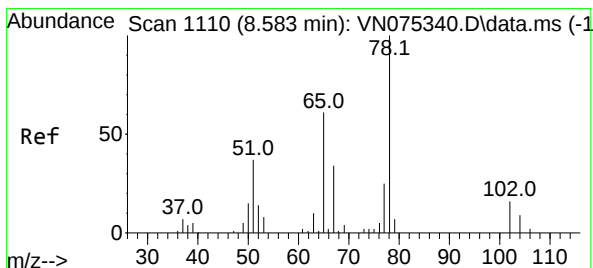
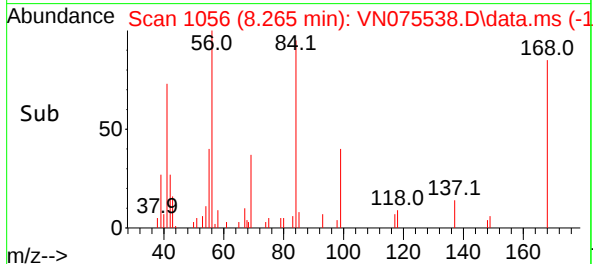
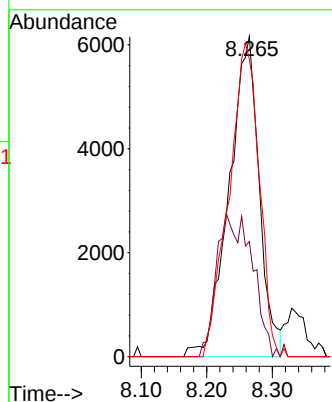
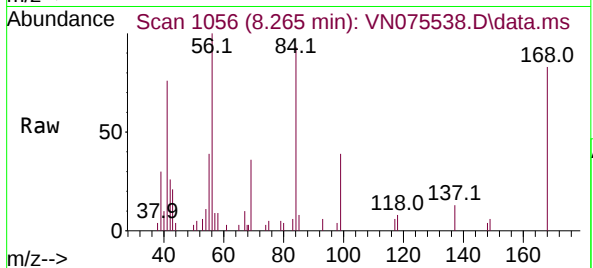




#31
Cyclohexane
Concen: 6.802 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

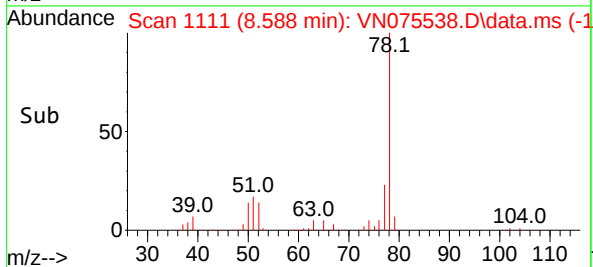
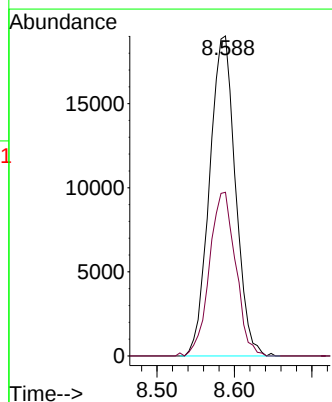
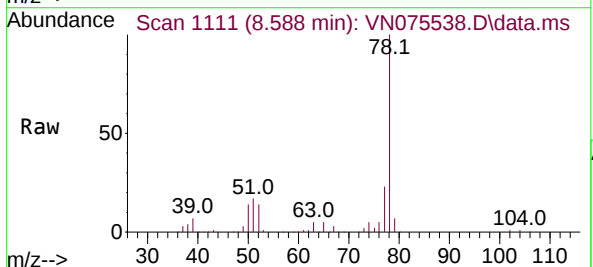
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

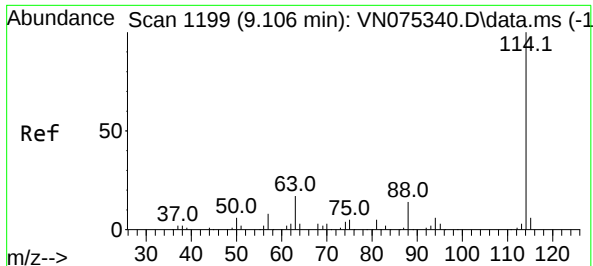
Tgt Ion: 56 Resp: 19658
Ion Ratio Lower Upper
56 100
69 36.0 25.2 37.8
84 93.0 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 48.633 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 65 Resp: 44239
Ion Ratio Lower Upper
65 100
67 51.9 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: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

SP-SILICA-1201

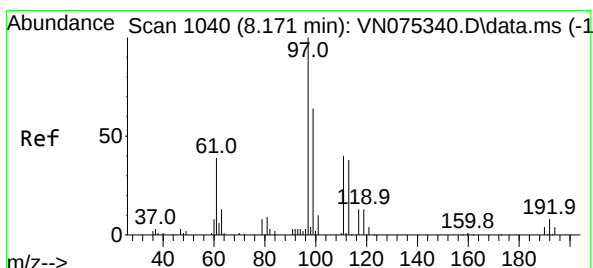
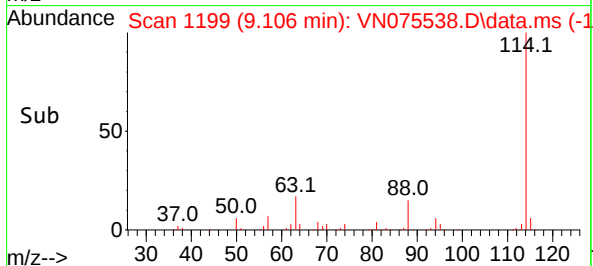
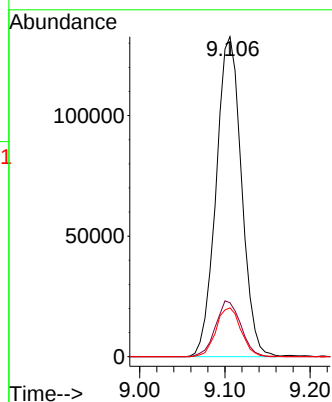
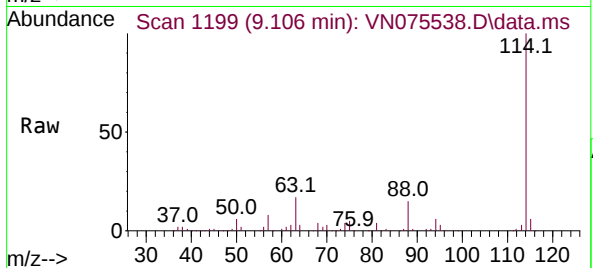
Tgt Ion:114 Resp: 274922

Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.6

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.489 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

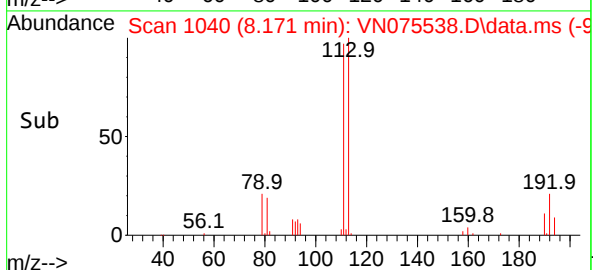
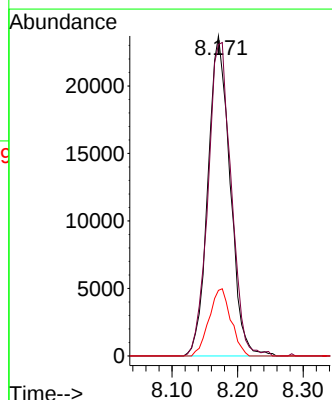
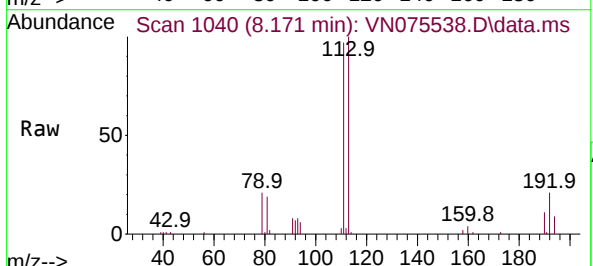
Tgt Ion:113 Resp: 55607

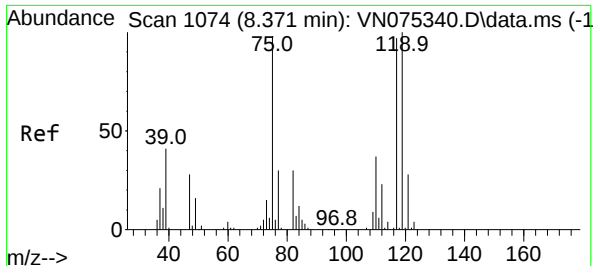
Ion Ratio Lower Upper

113 100

111 102.4 80.5 120.7

192 20.7 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 4.783 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

SP-SILICA-1201

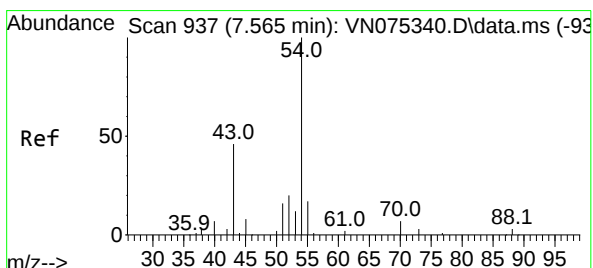
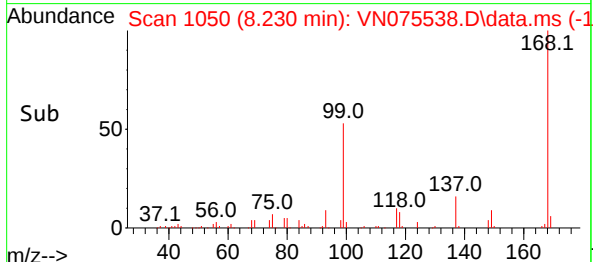
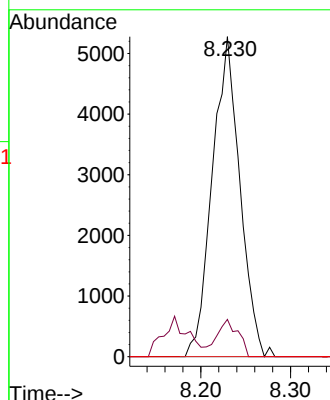
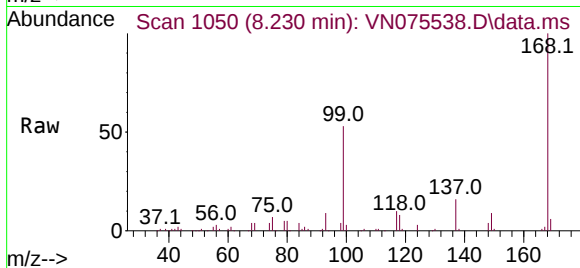
Tgt Ion: 75 Resp: 11266

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 2.891 ug/l

RT: 7.559 min Scan# 936

Delta R.T. -0.006 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

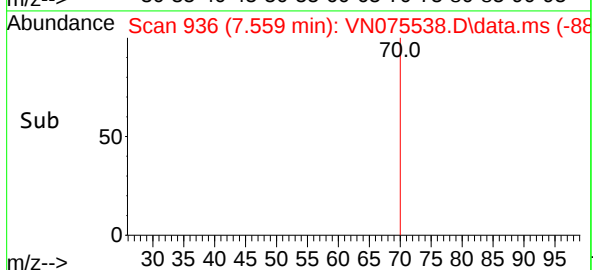
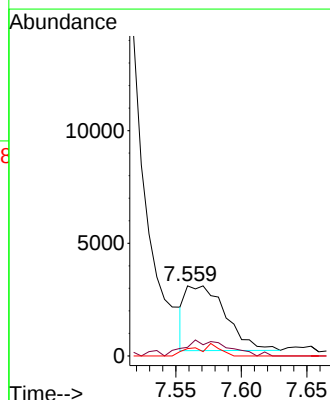
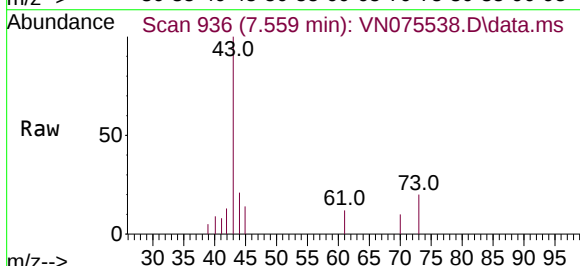
Tgt Ion: 43 Resp: 6131

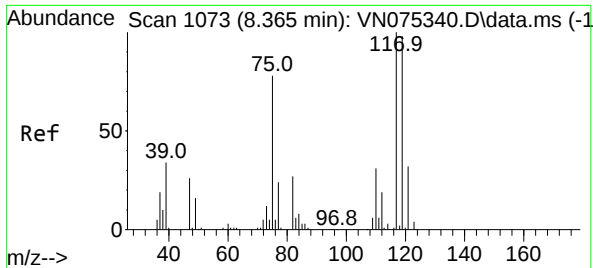
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 12.1 9.4 14.2

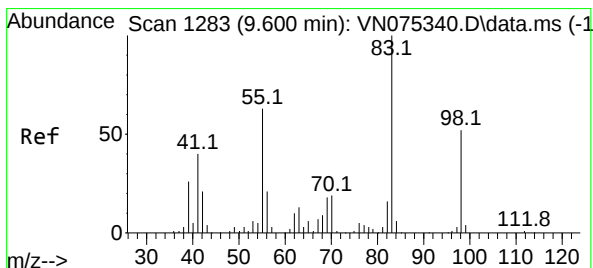
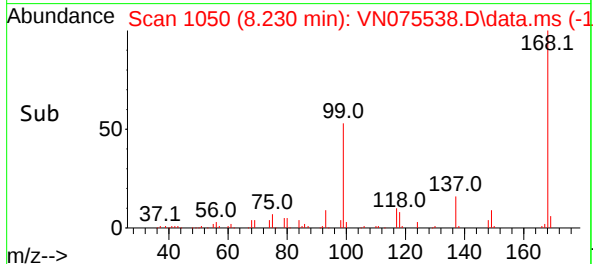
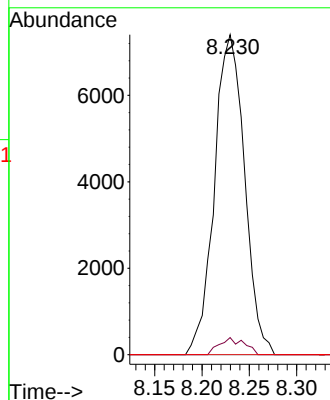
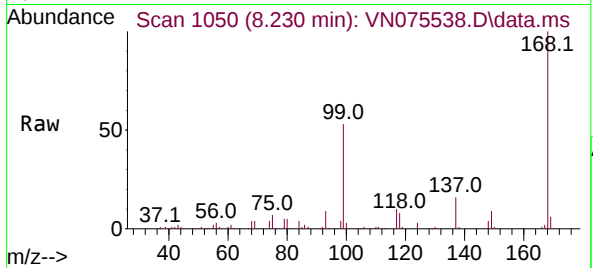




#38
Carbon Tetrachloride
Concen: 6.340 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

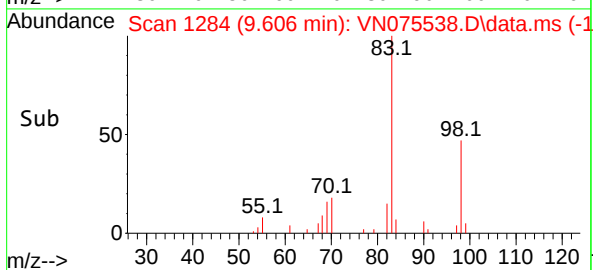
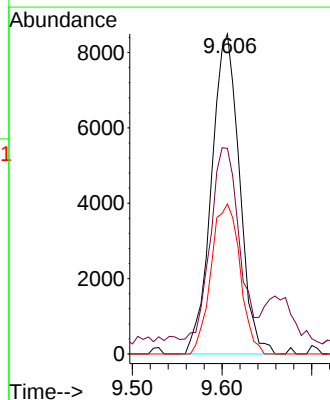
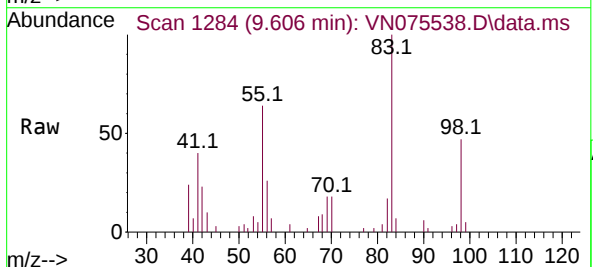
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

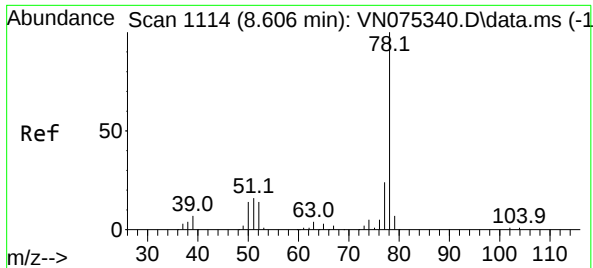
Tgt Ion:117 Resp: 16403
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 6.229 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 83 Resp: 18362
Ion Ratio Lower Upper
83 100
55 59.8 53.6 80.4
98 46.9 41.1 61.7

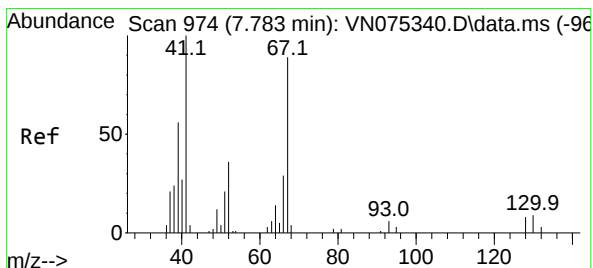
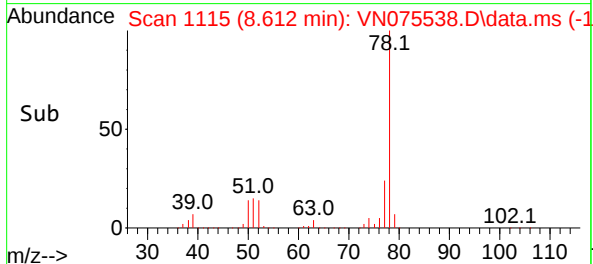
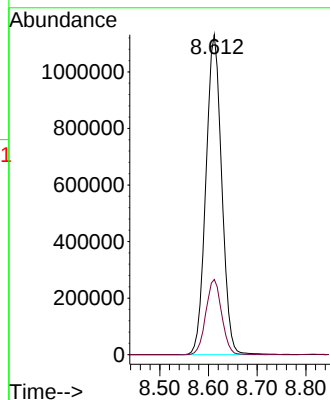
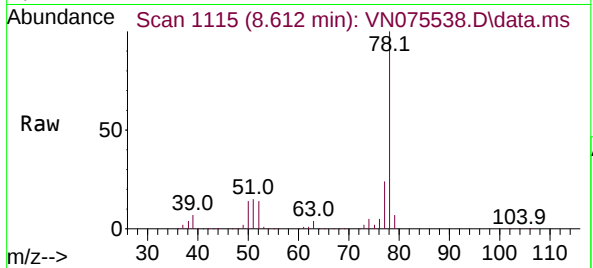




#40
Benzene
Concen: 353.367 ug/l
RT: 8.612 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

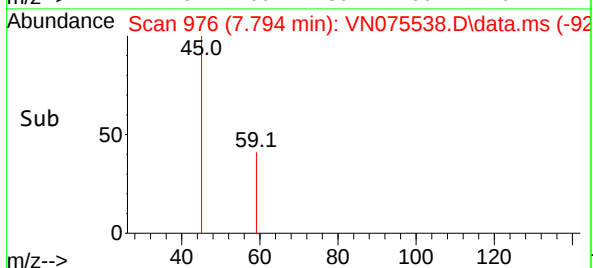
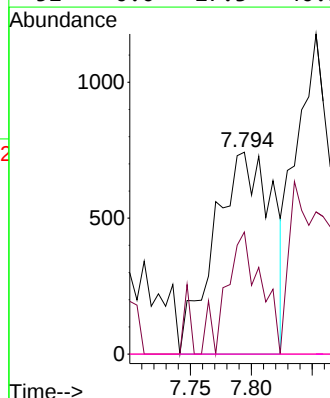
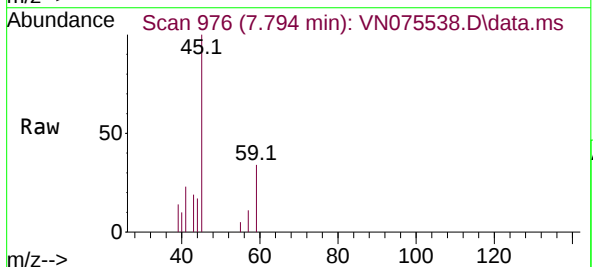
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

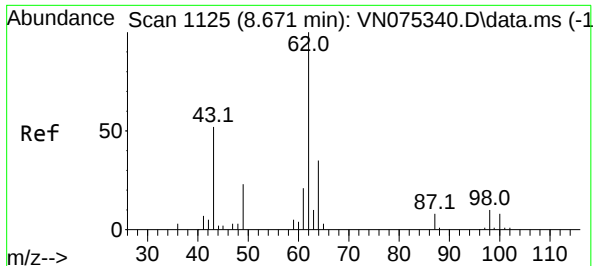
Tgt Ion: 78 Resp: 2548094
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



#41
Methacrylonitrile
Concen: 2.261 ug/l
RT: 7.794 min Scan# 976
Delta R.T. 0.011 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 41 Resp: 2451
Ion Ratio Lower Upper
41 100
39 36.7 44.4 66.6#
67 0.0 69.8 104.6#
52 0.0 27.3 40.9#

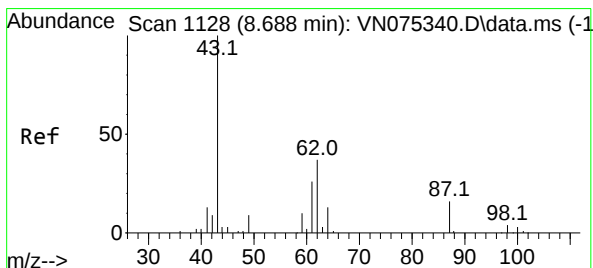
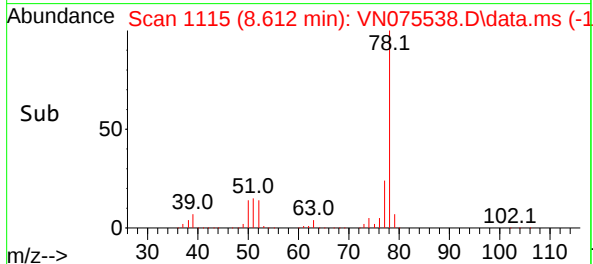
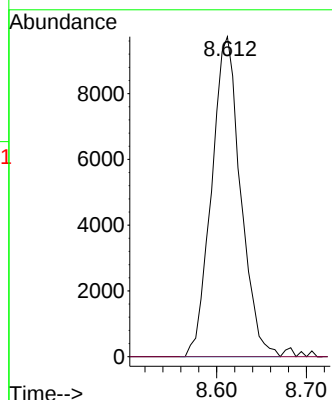
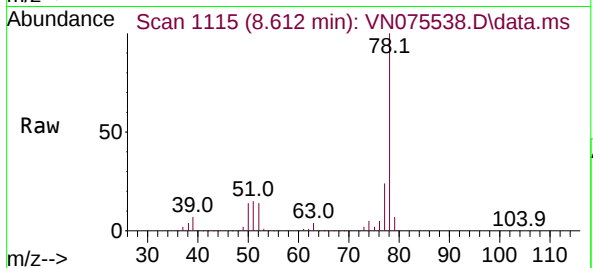




#42
1,2-Dichloroethane
Concen: 9.043 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.059 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

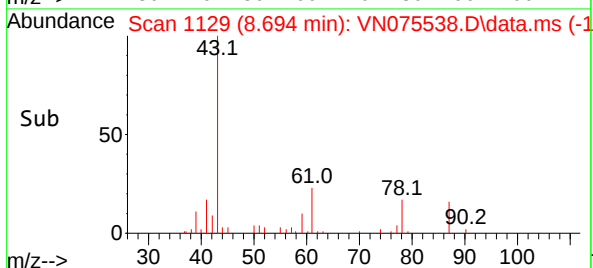
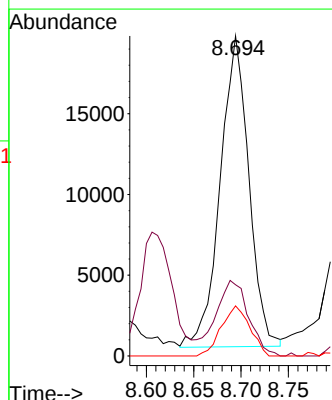
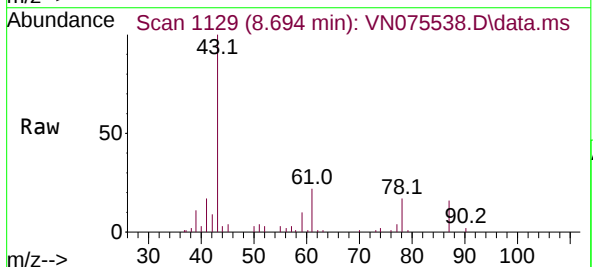
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

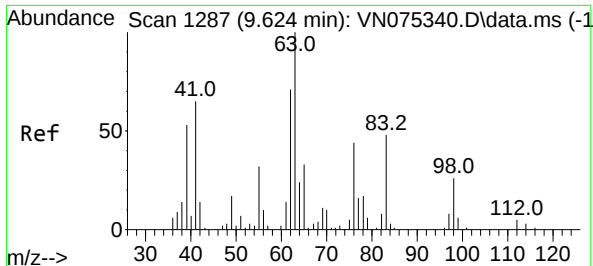
Tgt Ion: 62 Resp: 21838
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#43
Isopropyl Acetate
Concen: 11.883 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 43 Resp: 40449
Ion Ratio Lower Upper
43 100
61 27.8 22.4 33.6
87 16.1 12.5 18.7





#45

1,2-Dichloropropane

Concen: 0.556 ug/l

RT: 9.641 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

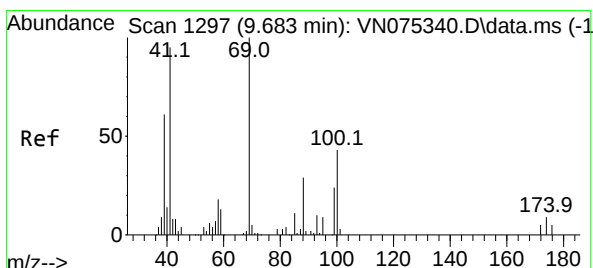
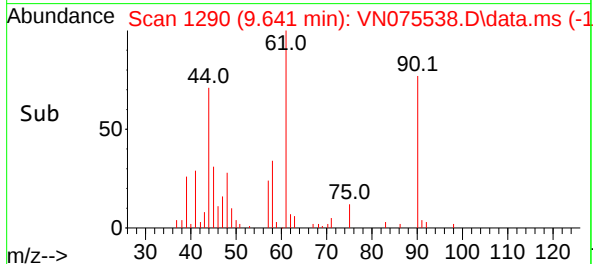
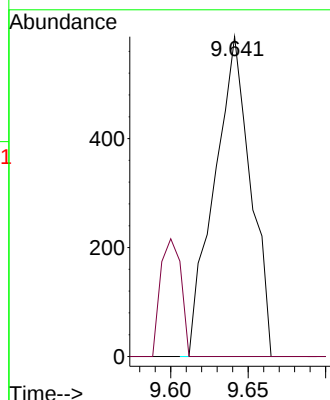
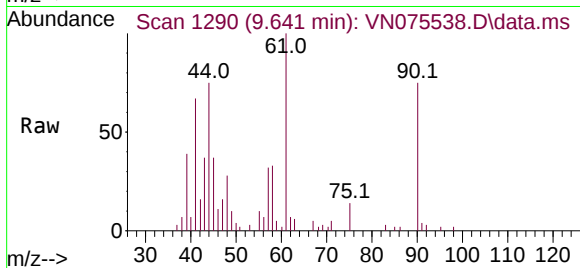
SP-SILICA-1201

Tgt Ion: 63 Resp: 955

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 11.808 ug/l

RT: 9.653 min Scan# 1292

Delta R.T. -0.030 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

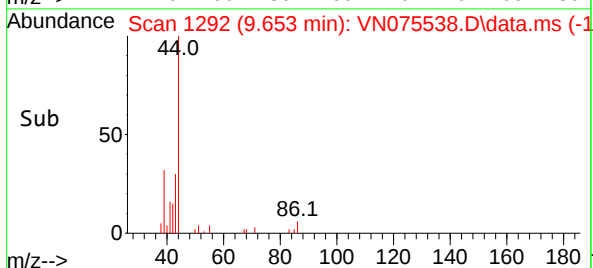
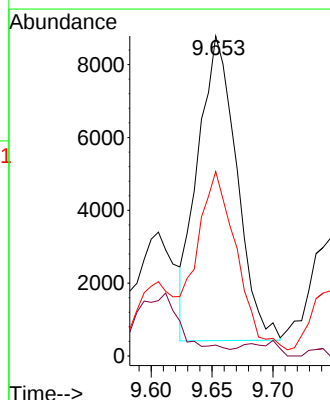
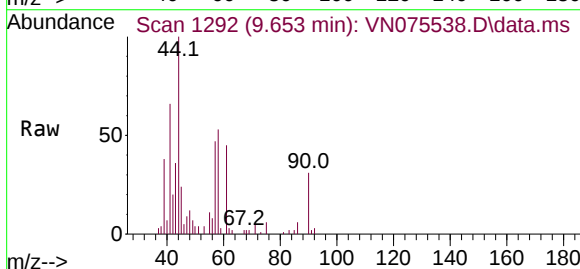
Tgt Ion: 41 Resp: 18585

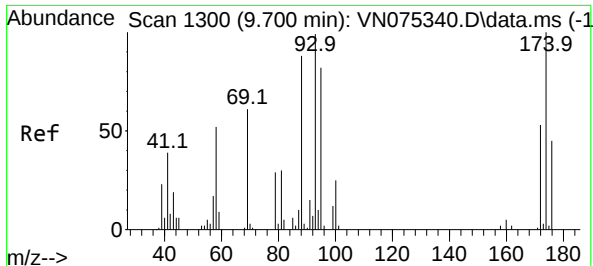
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 64.6 56.2 84.2





#49

1,4-Dioxane

Concen: 108.583 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

SP-SILICA-1201

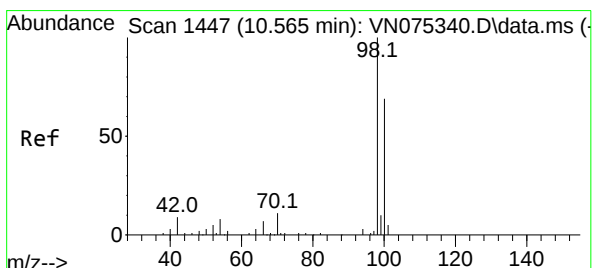
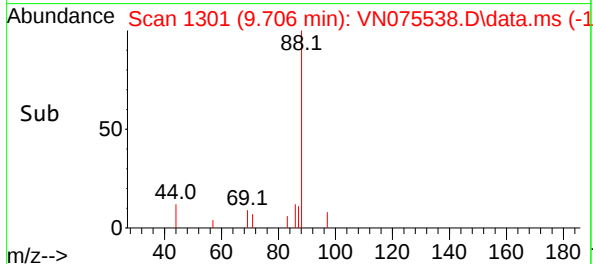
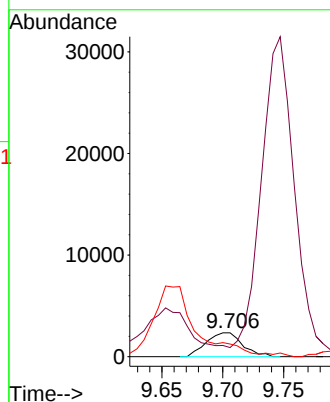
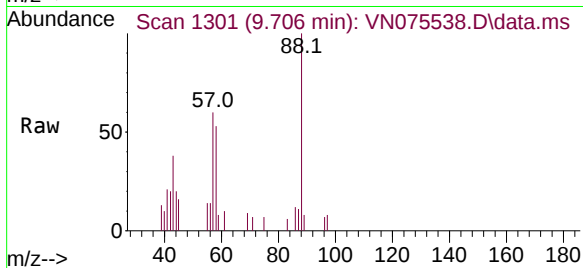
Tgt Ion: 88 Resp: 4853

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 0.0 49.8 74.8#



#50

Toluene-d8

Concen: 48.862 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075538.D

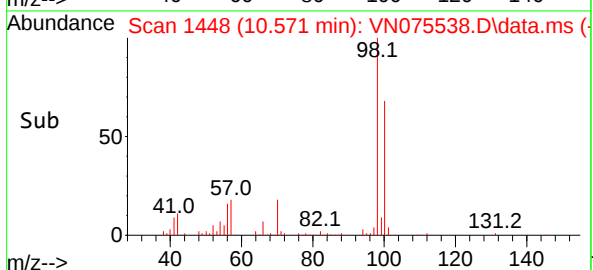
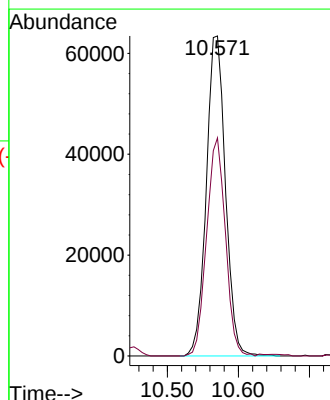
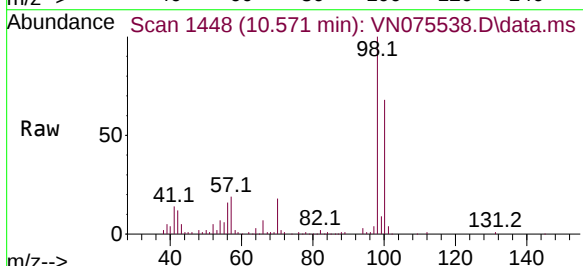
Acq: 02 Dec 2022 17:41

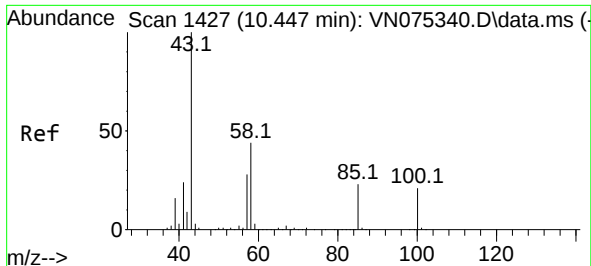
Tgt Ion: 98 Resp: 118853

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6

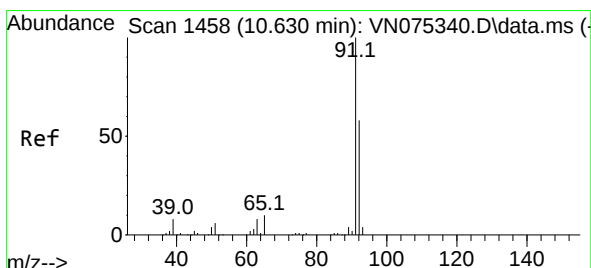
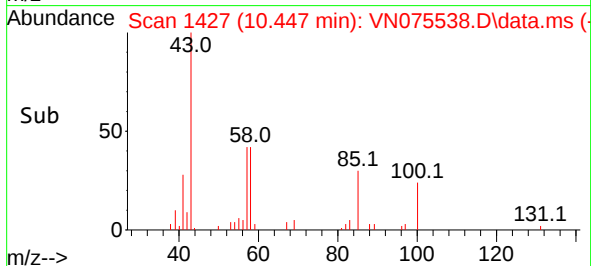
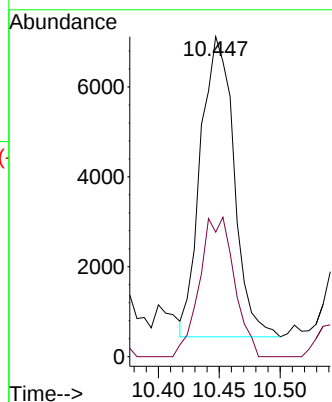
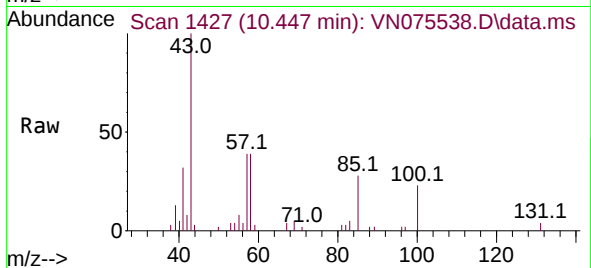




#51
4-Methyl-2-Pentanone
Concen: 5.878 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

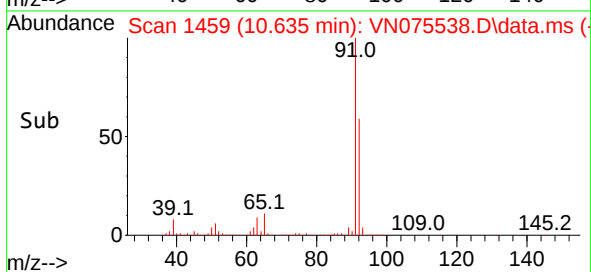
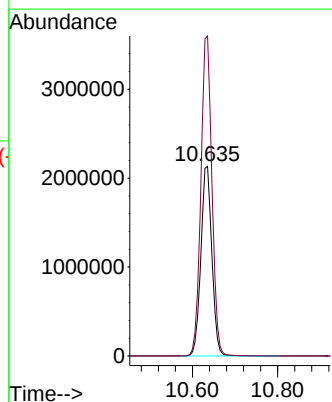
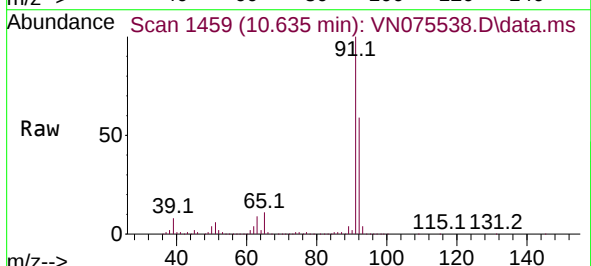
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

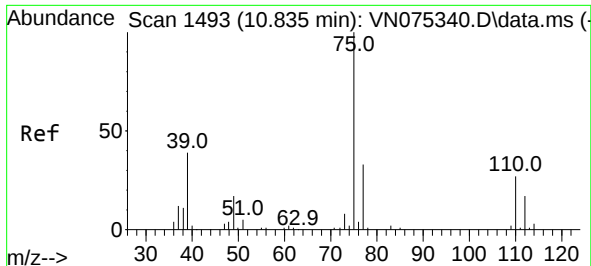
Tgt Ion: 43 Resp: 12744
Ion Ratio Lower Upper
43 100
58 48.2 33.6 50.4



#52
Toluene
Concen: 820.364 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 92 Resp: 3812052
Ion Ratio Lower Upper
92 100
91 170.1 135.4 203.2

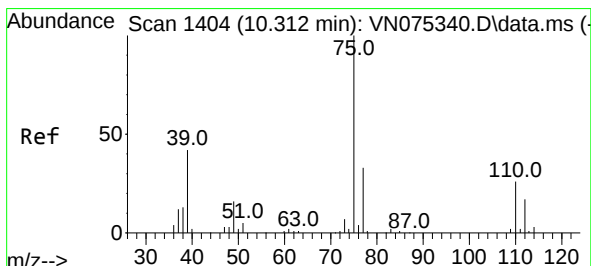
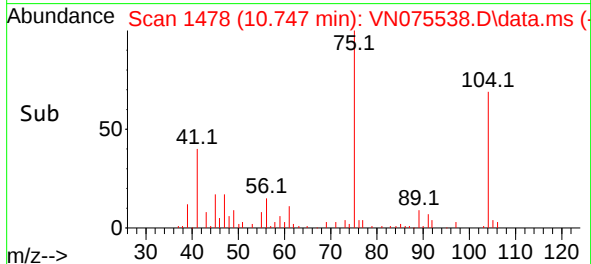
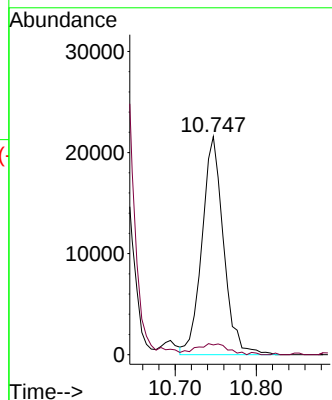
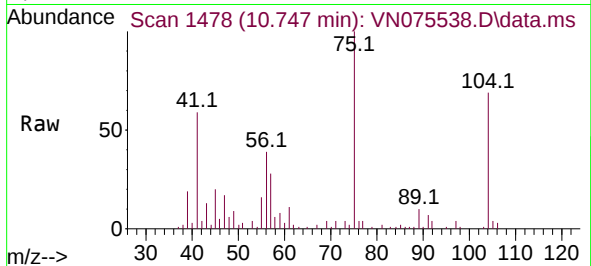




#53
t-1,3-Dichloropropene
Concen: 15.694 ug/l
RT: 10.747 min Scan# 1493
Delta R.T. -0.088 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

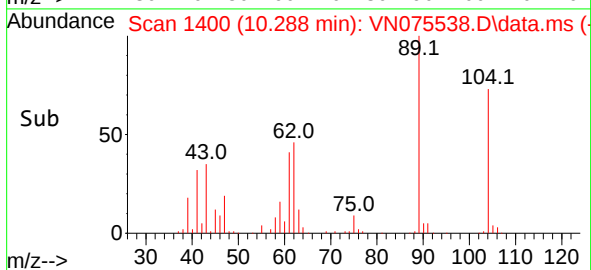
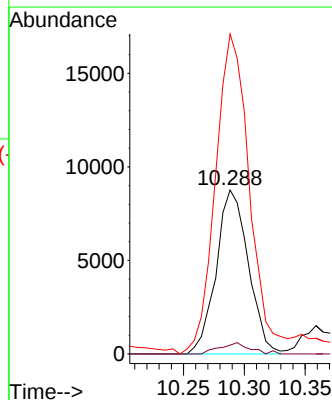
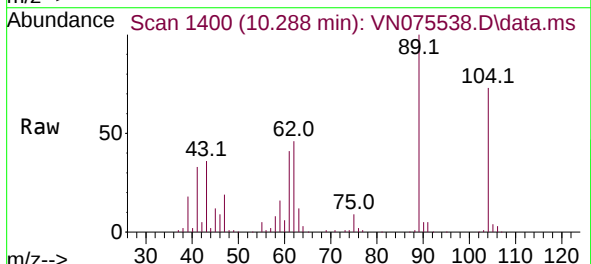
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

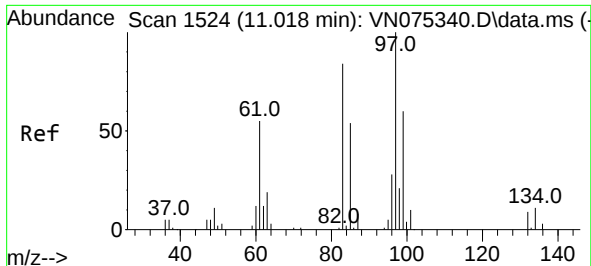
Tgt Ion: 75 Resp: 39657
Ion Ratio Lower Upper
75 100
77 4.5 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 5.863 ug/l
RT: 10.288 min Scan# 1400
Delta R.T. -0.024 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 75 Resp: 16090
Ion Ratio Lower Upper
75 100
77 5.4 23.7 35.5#
39 195.2 35.8 53.6#

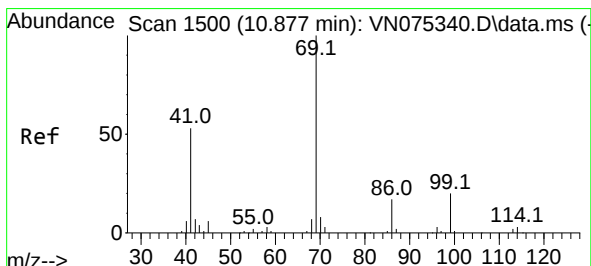
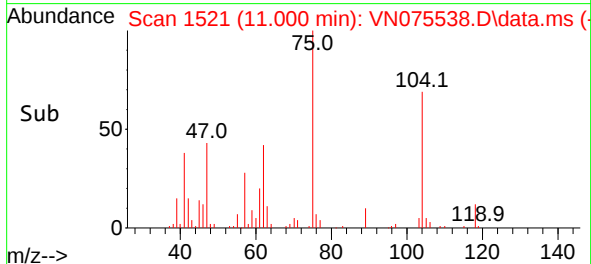
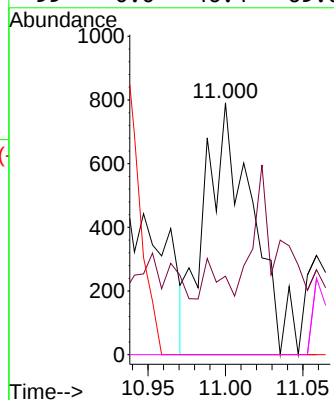
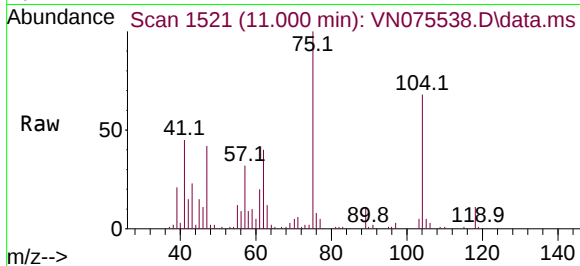




#55
1,1,2-Trichloroethane
Concen: 0.850 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

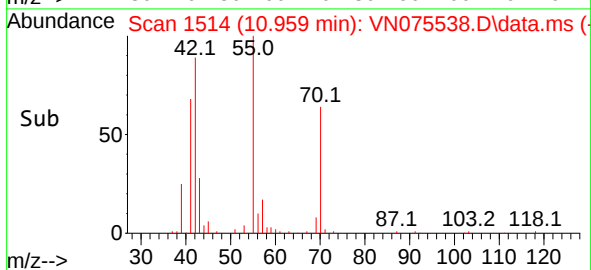
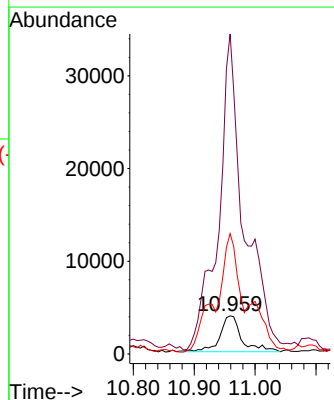
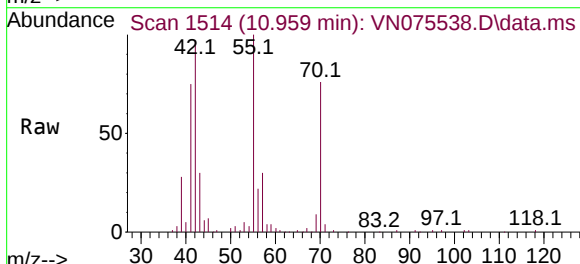
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

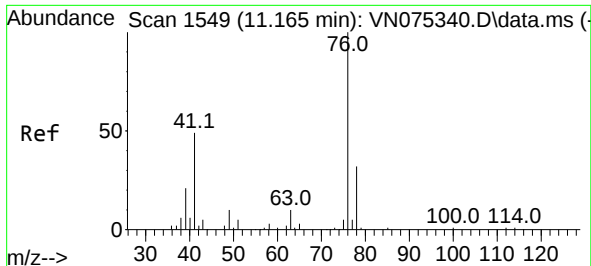
Tgt Ion: 97	Resp: 1609
Ion Ratio	Lower Upper
97 100	
83 0.0	65.9 98.9#
85 0.0	40.4 60.6#
99 0.0	46.4 69.6#



#56
Ethyl methacrylate
Concen: 3.782 ug/l
RT: 10.959 min Scan# 1514
Delta R.T. 0.082 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion:	69	Resp:	9667
Ion	Ratio	Lower	Upper
69	100		
41	1031.5	45.6	68.4#
39	0.0	28.5	42.7#





#57

1,3-Dichloropropane

Concen: 1.329 ug/l

RT: 11.000 min Scan# 11

Delta R.T. -0.165 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

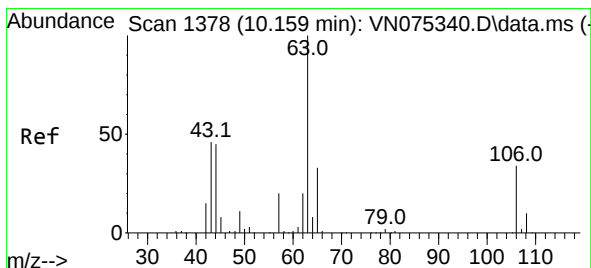
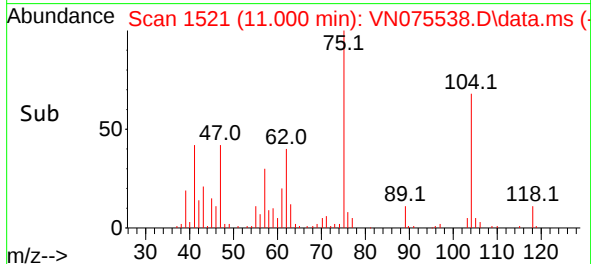
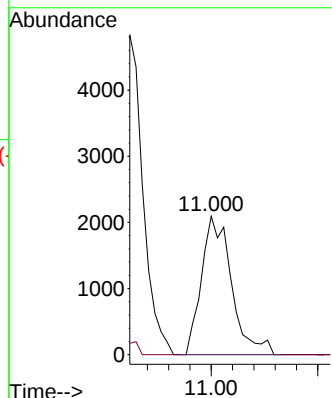
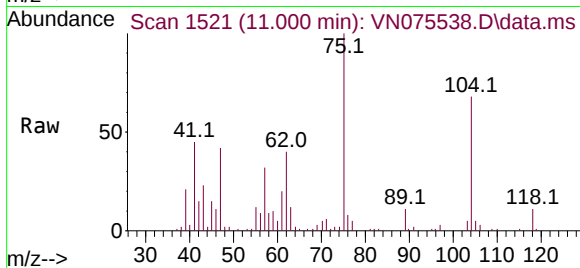
SP-SILICA-1201

Tgt Ion: 76 Resp: 4101

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 22.182 ug/l

RT: 10.288 min Scan# 1400

Delta R.T. 0.129 min

Lab File: VN075538.D

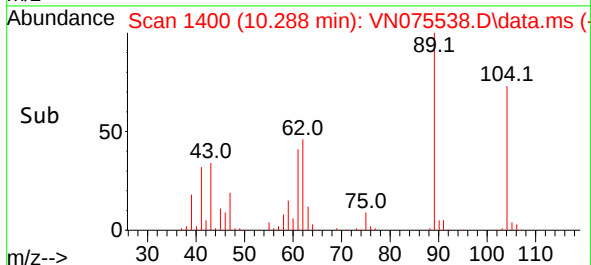
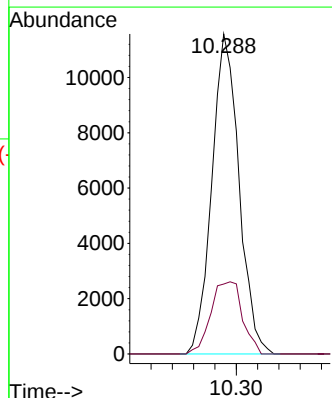
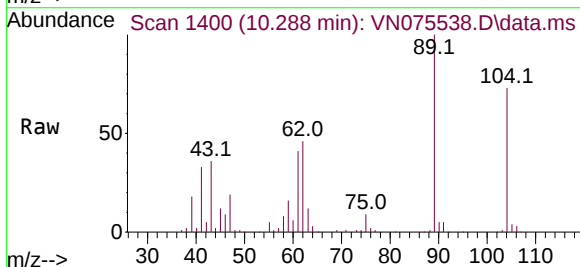
Acq: 02 Dec 2022 17:41

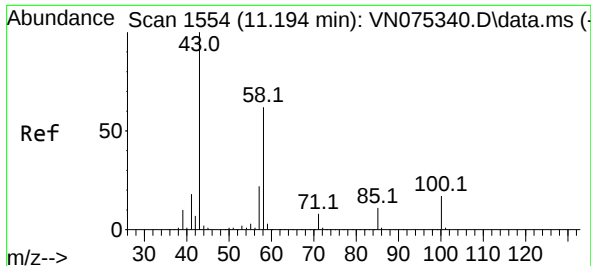
Tgt Ion: 63 Resp: 20447

Ion Ratio Lower Upper

63 100

106 26.3 24.8 37.2

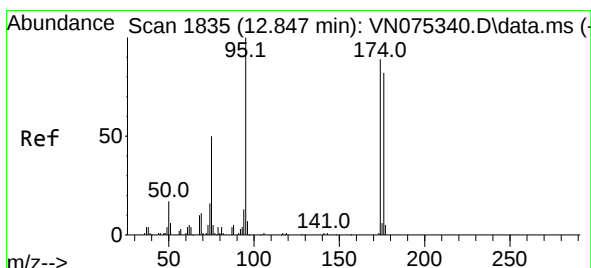
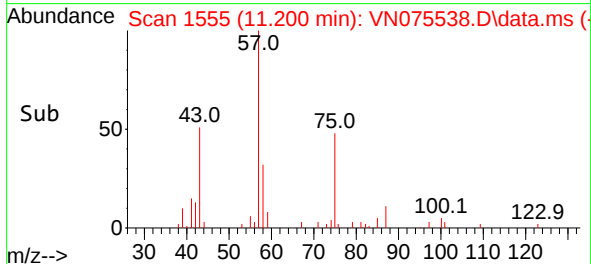
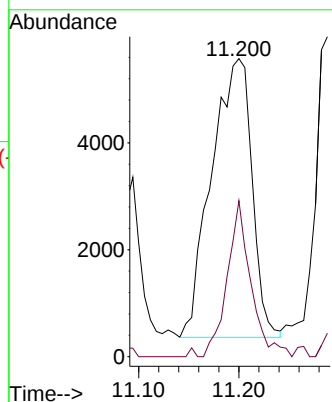
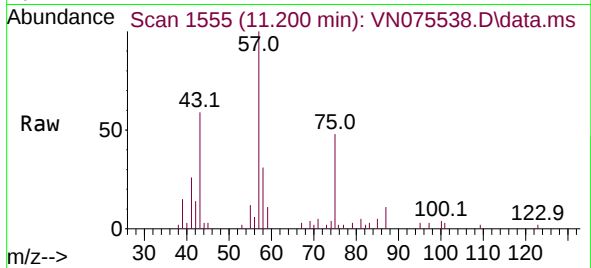




#59
2-Hexanone
Concen: 8.989 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

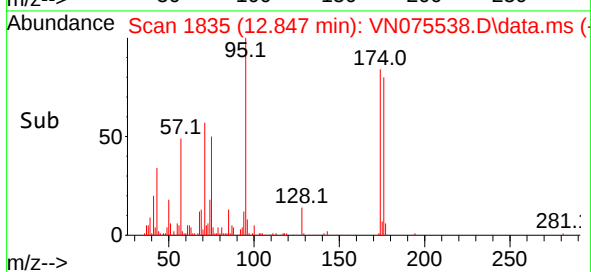
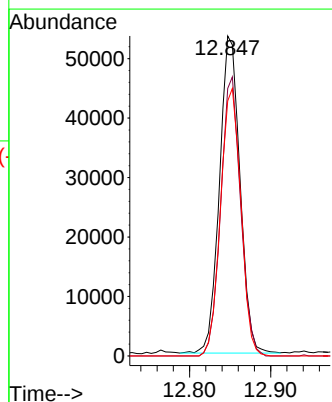
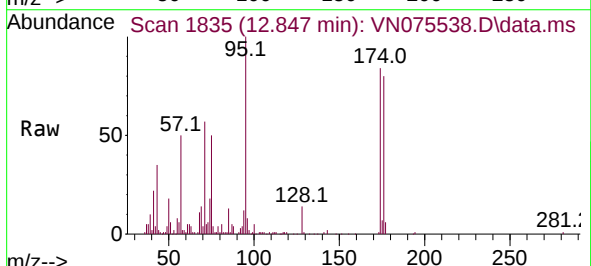
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

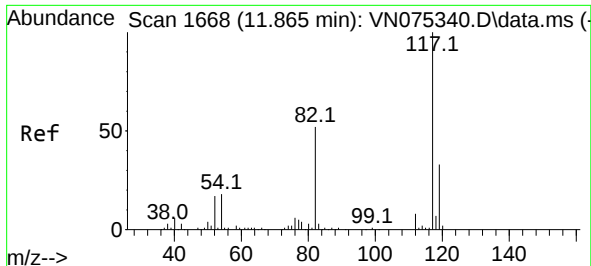
Tgt Ion: 43 Resp: 14634
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 52.131 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 95 Resp: 93596
Ion Ratio Lower Upper
95 100
174 84.9 0.0 147.4
176 83.8 0.0 142.2

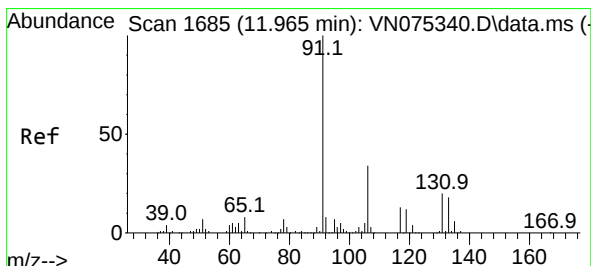
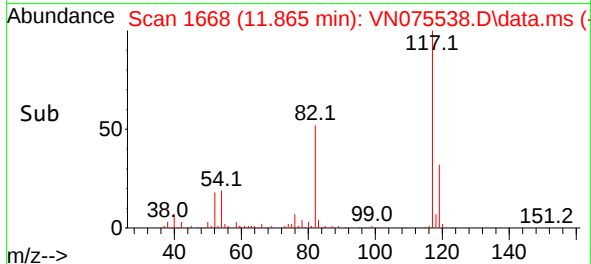
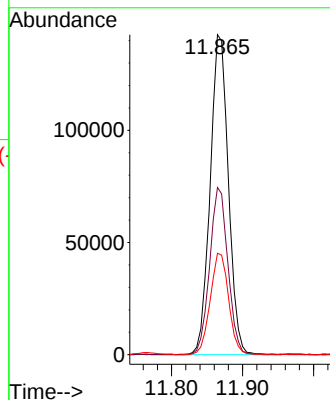
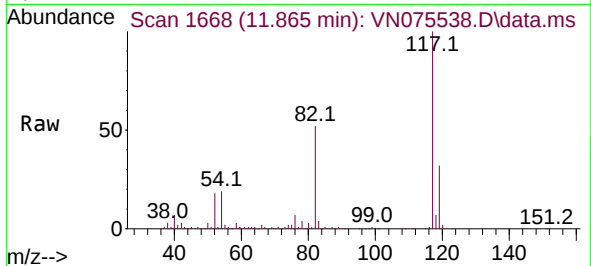




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

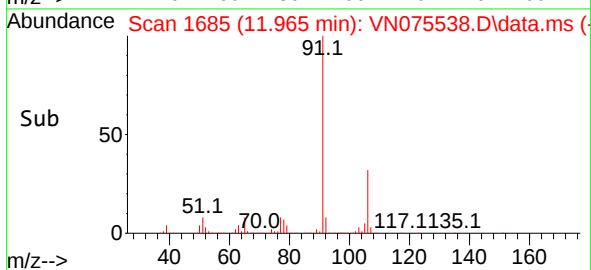
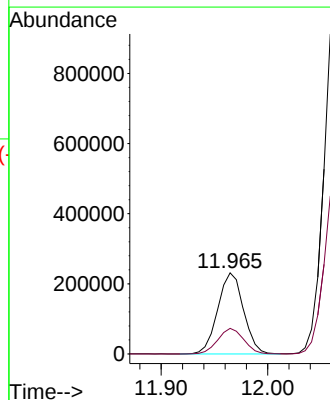
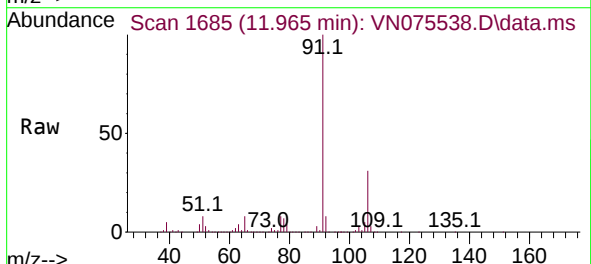
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

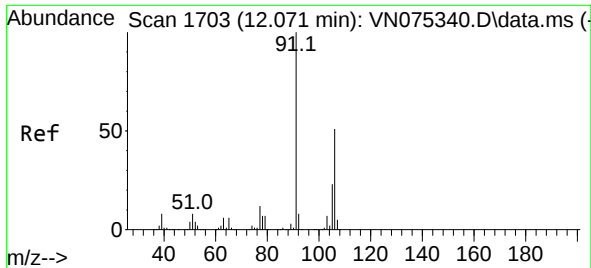
Tgt Ion:117 Resp: 253740
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 31.7 25.5 38.3



#67
Ethyl Benzene
Concen: 43.401 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 91 Resp: 388004
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

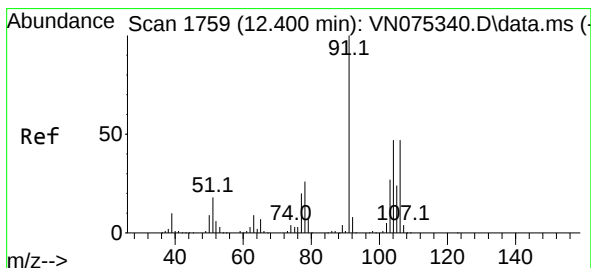
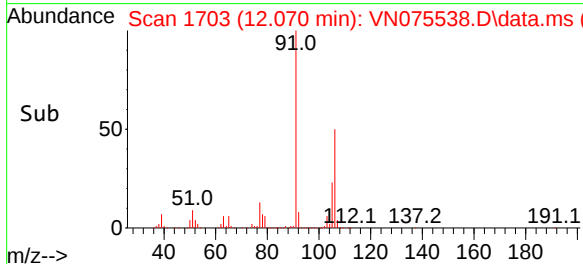
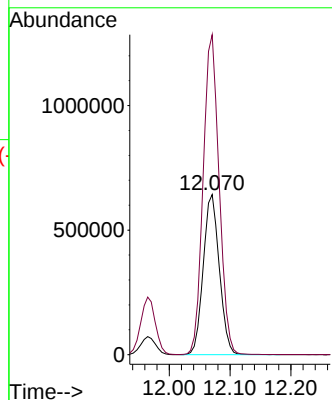
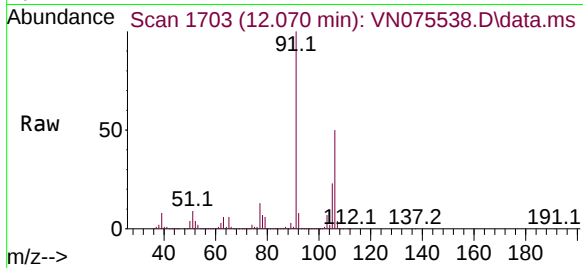




#68
m/p-Xylenes
Concen: 323.655 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

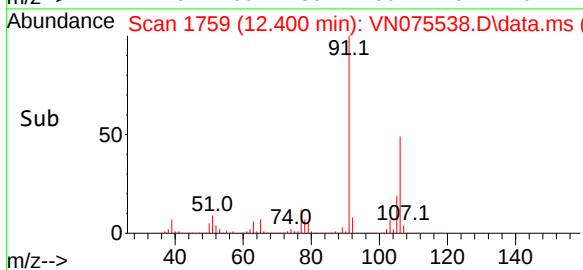
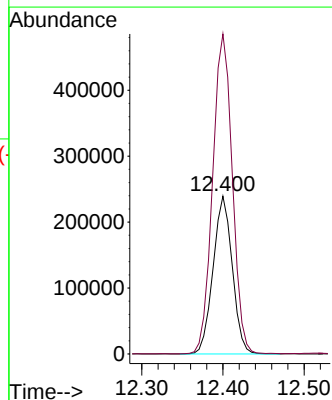
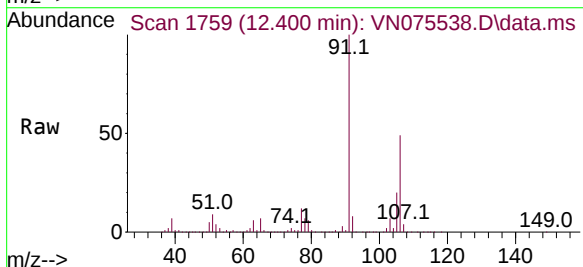
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

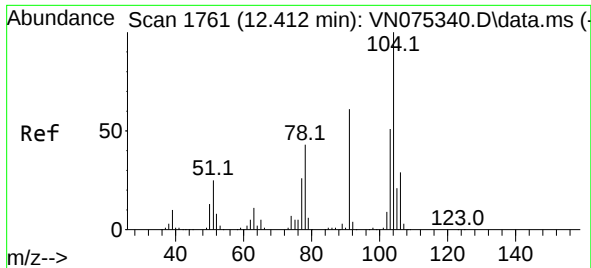
Tgt Ion:106 Resp: 1175008
Ion Ratio Lower Upper
106 100
91 198.5 156.0 234.0



#69
o-Xylene
Concen: 108.861 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion:106 Resp: 392672
Ion Ratio Lower Upper
106 100
91 208.1 105.2 315.5

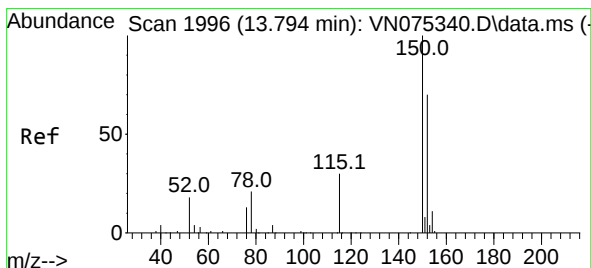
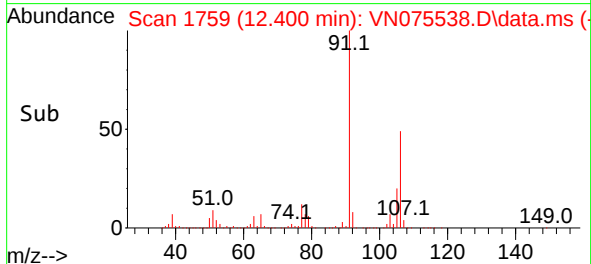
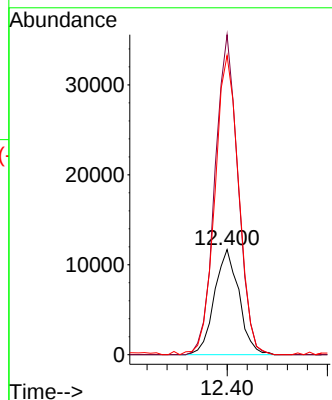
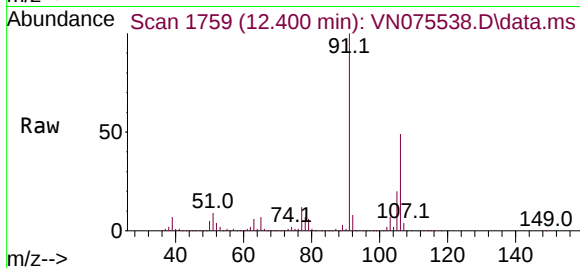




#70
Styrene
Concen: 3.502 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

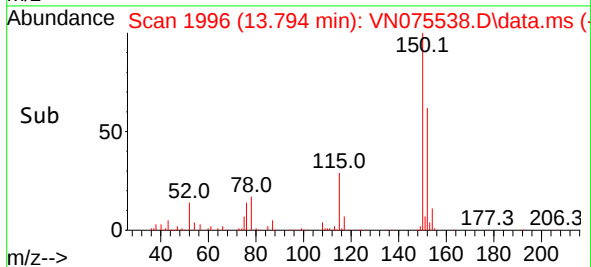
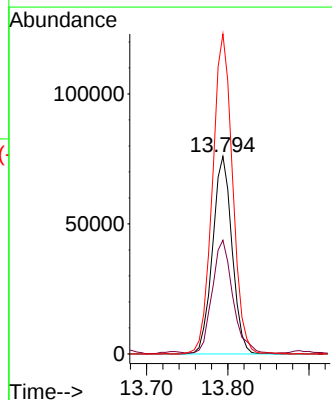
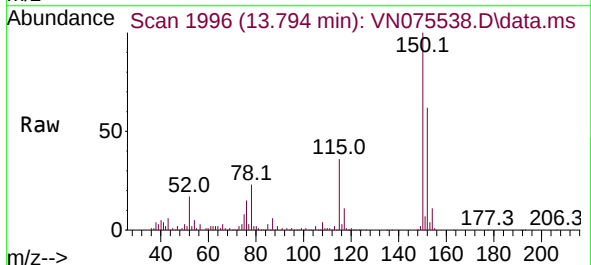
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

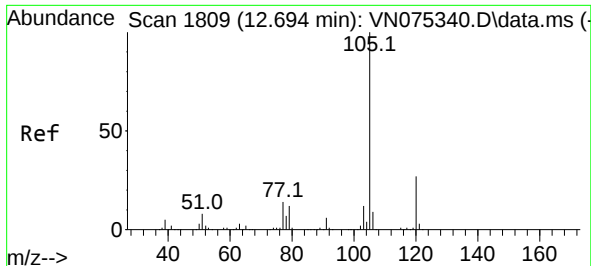
Tgt Ion:104 Resp: 19925
Ion Ratio Lower Upper
104 100
78 285.5 38.1 57.1#
103 277.5 44.6 66.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion:152 Resp: 126145
Ion Ratio Lower Upper
152 100
115 62.0 30.2 90.6
150 167.4 0.0 348.4

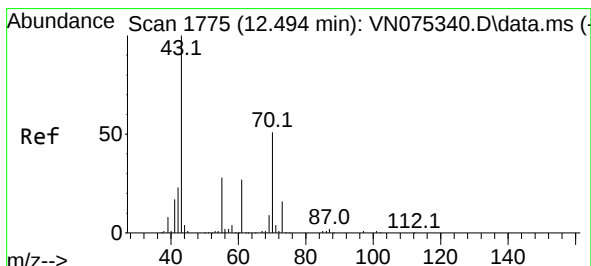
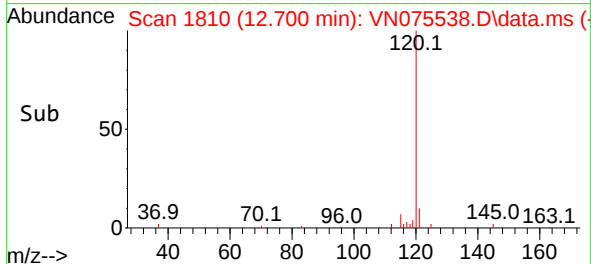
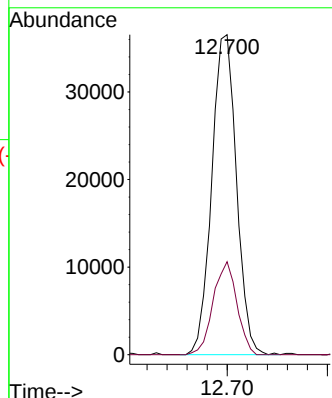
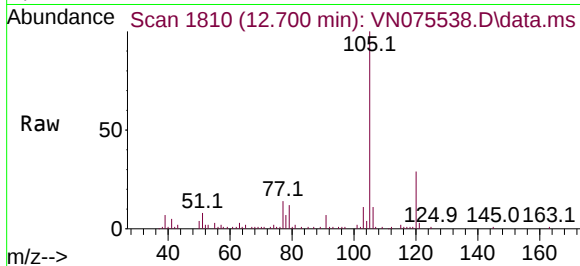




#73
Isopropylbenzene
Concen: 6.786 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

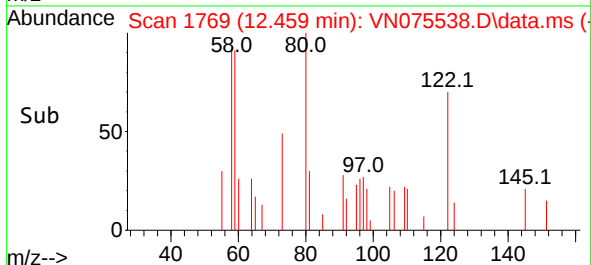
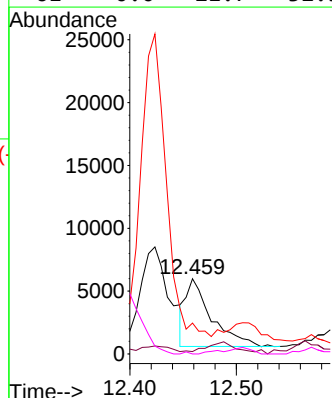
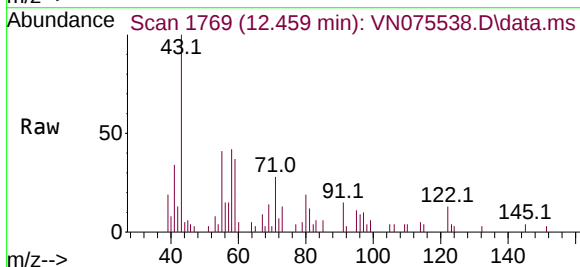
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

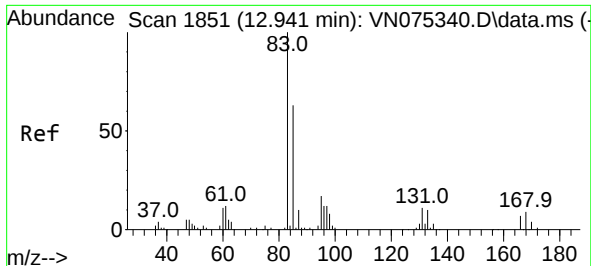
Tgt Ion:105 Resp: 62541
Ion Ratio Lower Upper
105 100
120 27.9 13.1 39.1



#74
N-amy1 acetate
Concen: 3.184 ug/l
RT: 12.459 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 43 Resp: 9020
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#

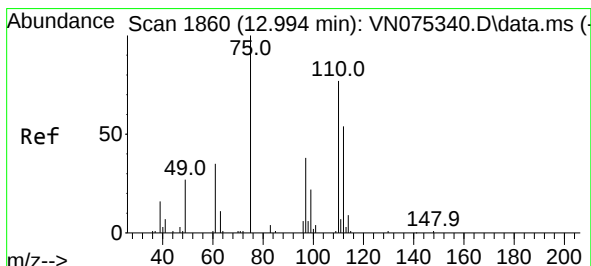
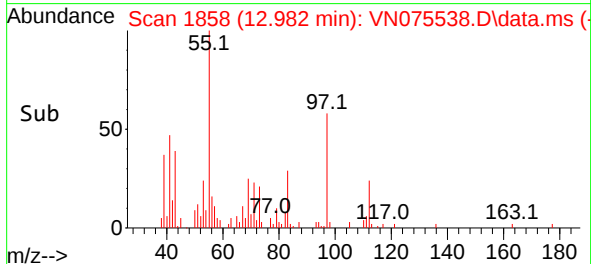
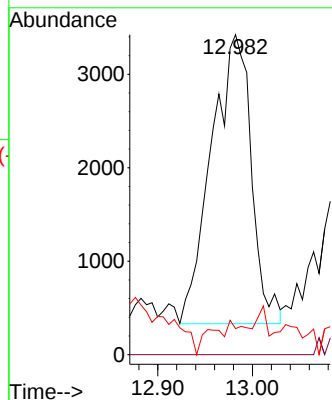
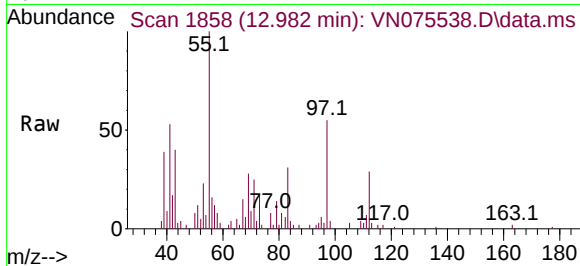




#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.226 ug/l
 RT: 12.982 min Scan# 1858
 Delta R.T. 0.041 min
 Lab File: VN075538.D
 Acq: 02 Dec 2022 17:41

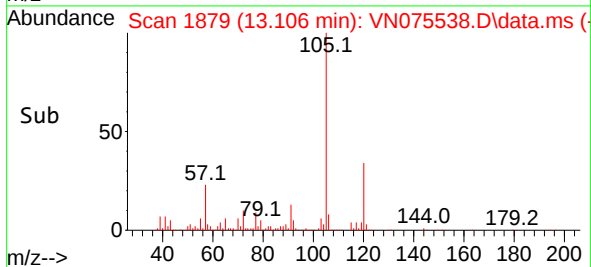
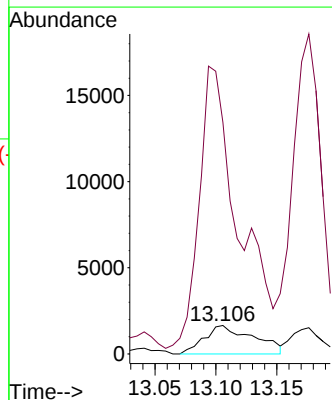
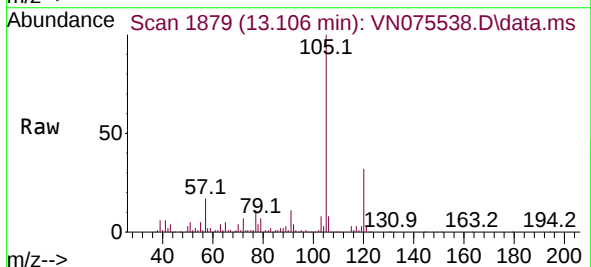
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-SILICA-1201

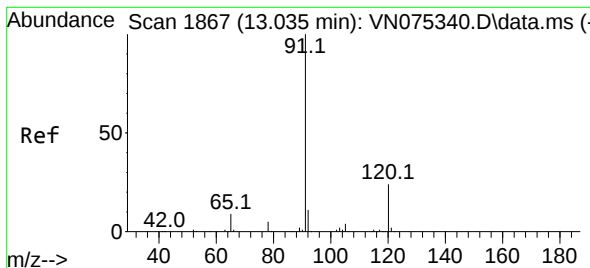
Tgt Ion: 83 Resp: 9064
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 0.0 31.6 94.7#



#76
 1,2,3-Trichloropropane
 Concen: 1.965 ug/l
 RT: 13.106 min Scan# 1879
 Delta R.T. 0.112 min
 Lab File: VN075538.D
 Acq: 02 Dec 2022 17:41

Tgt Ion: 75 Resp: 4686
 Ion Ratio Lower Upper
 75 100
 77 796.9 75.6 226.8#





#78

n-propylbenzene

Concen: 4.063 ug/l

RT: 13.041 min Scan# 1867

Delta R.T. 0.006 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

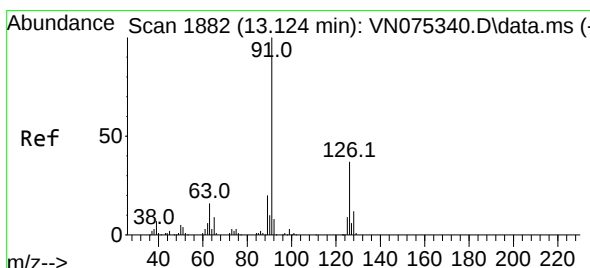
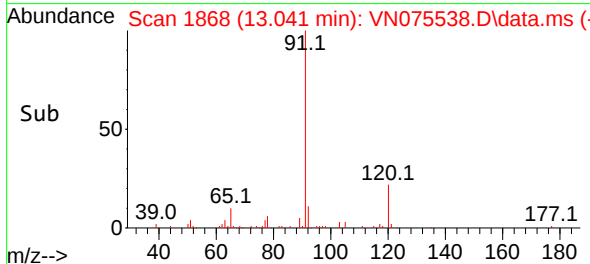
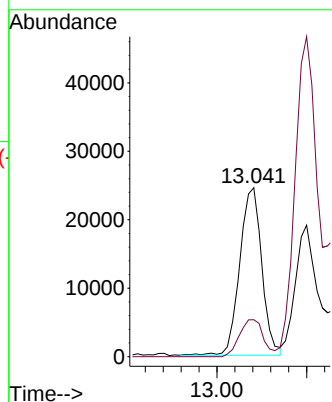
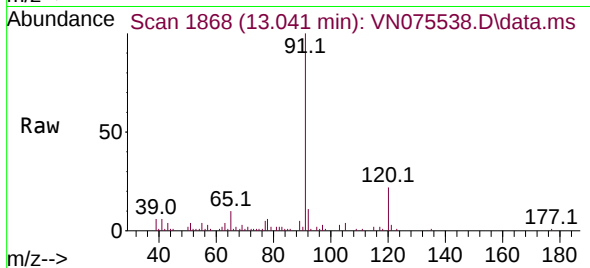
SP-SILICA-1201

Tgt Ion: 91 Resp: 41785

Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.5



#79

2-Chlorotoluene

Concen: 6.480 ug/l

RT: 13.100 min Scan# 1878

Delta R.T. -0.024 min

Lab File: VN075538.D

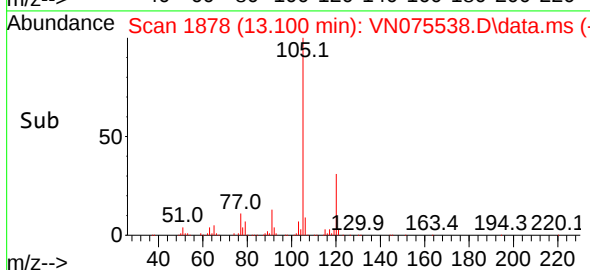
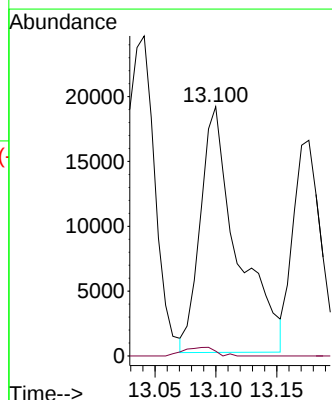
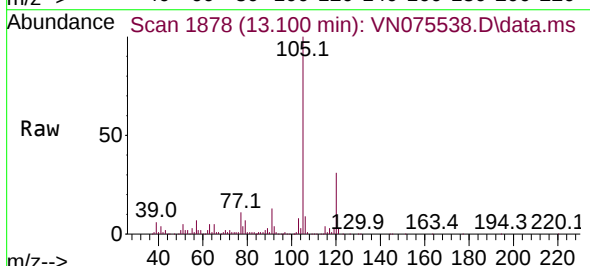
Acq: 02 Dec 2022 17:41

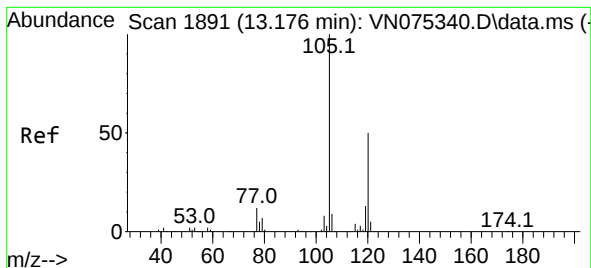
Tgt Ion: 91 Resp: 40154

Ion Ratio Lower Upper

91 100

126 3.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 30.601 ug/l

RT: 13.176 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

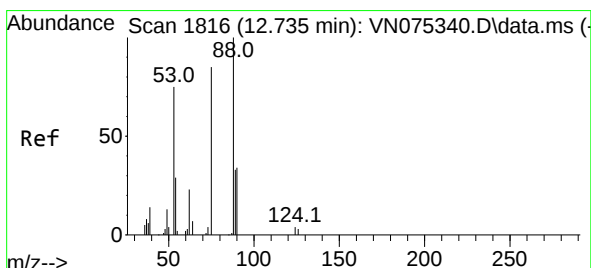
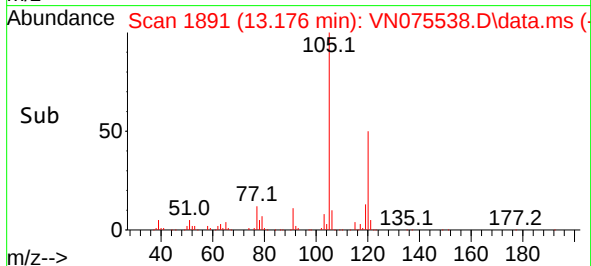
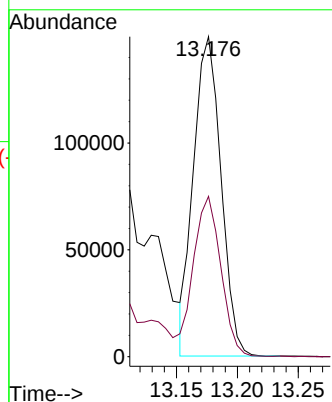
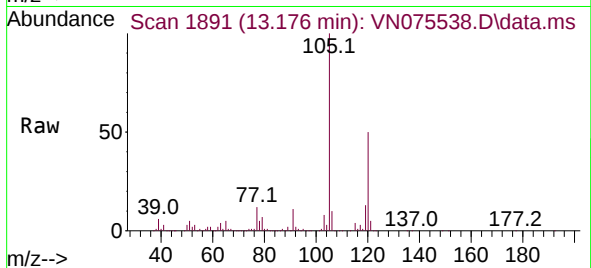
SP-SILICA-1201

Tgt Ion:105 Resp: 234307

Ion Ratio Lower Upper

105 100

120 51.3 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 59.314 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.112 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

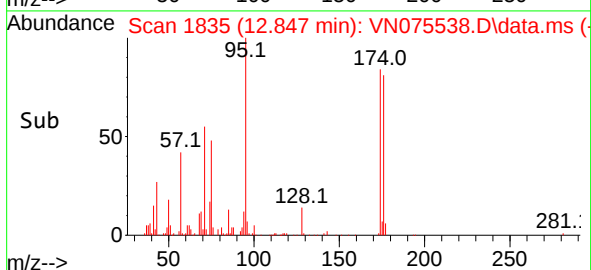
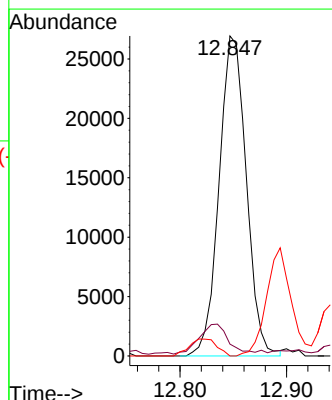
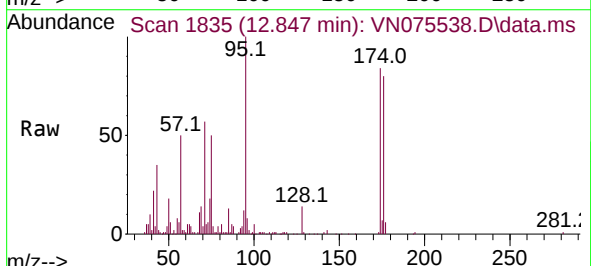
Tgt Ion: 75 Resp: 47813

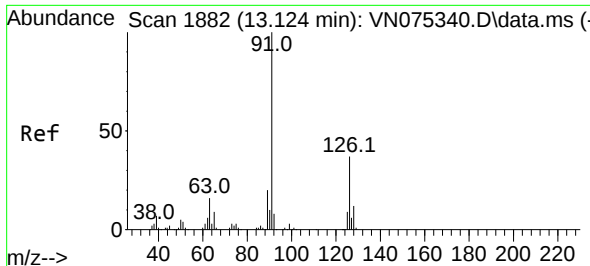
Ion Ratio Lower Upper

75 100

53 9.8 78.5 117.7#

89 0.0 37.7 56.5#

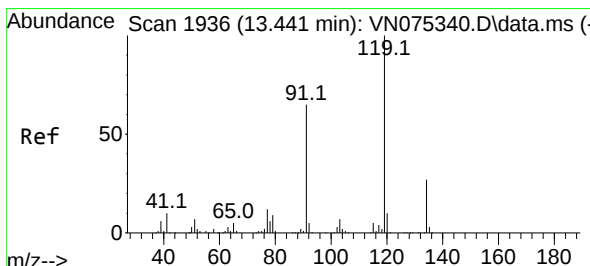
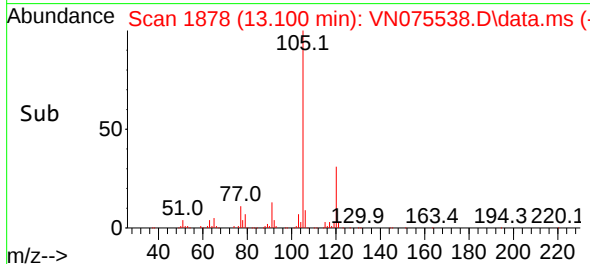
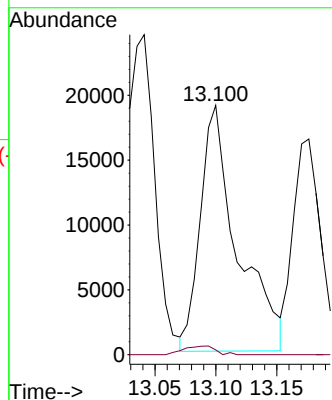
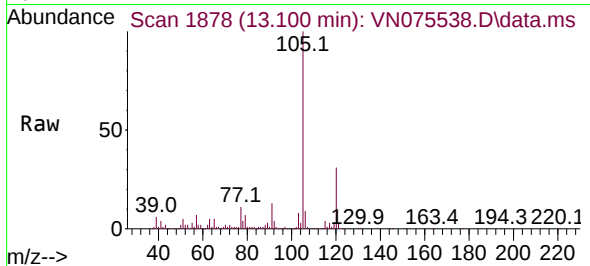




#82
4-Chlorotoluene
Concen: 6.480 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

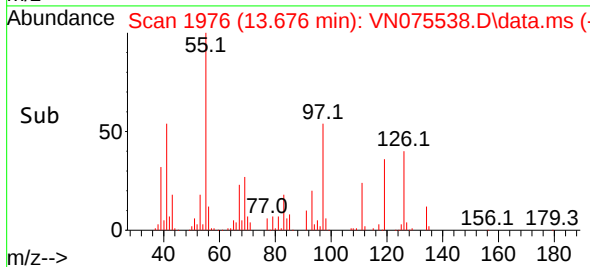
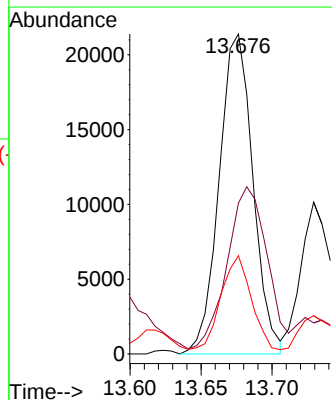
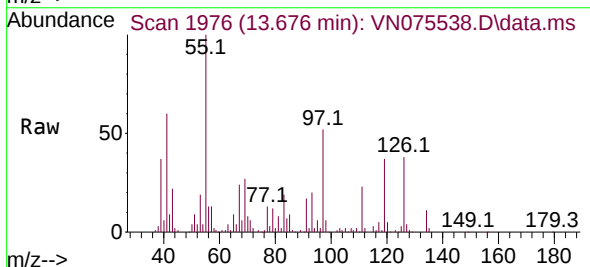
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

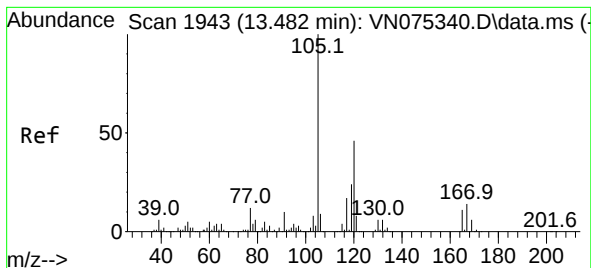
Tgt Ion: 91 Resp: 40154
Ion Ratio Lower Upper
91 100
126 3.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 5.084 ug/l
RT: 13.676 min Scan# 1976
Delta R.T. 0.235 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 119 Resp: 35490
Ion Ratio Lower Upper
119 100
91 59.4 32.8 98.4
134 26.6 12.3 36.9





#84

1,2,4-Trimethylbenzene

Concen: 54.933 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075538.D

Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

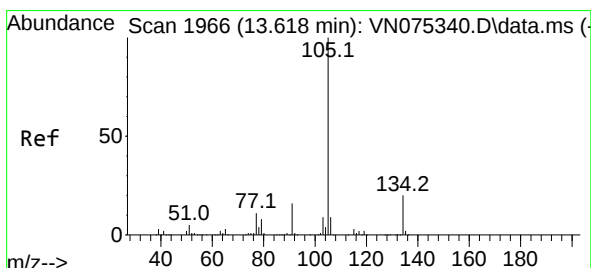
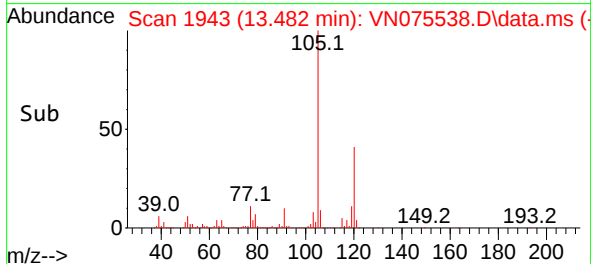
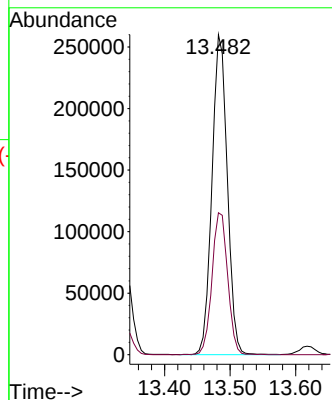
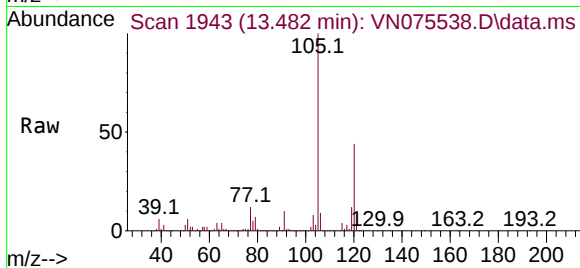
SP-SILICA-1201

Tgt Ion:105 Resp: 421905

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1



#85

sec-Butylbenzene

Concen: 44.540 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.136 min

Lab File: VN075538.D

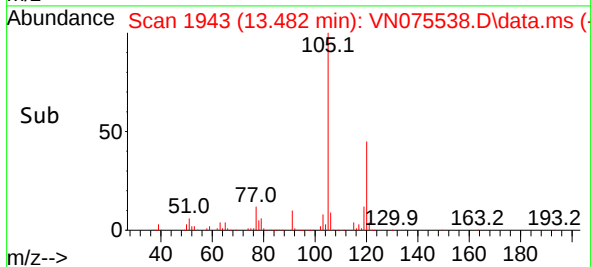
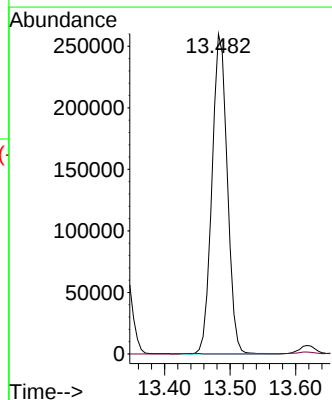
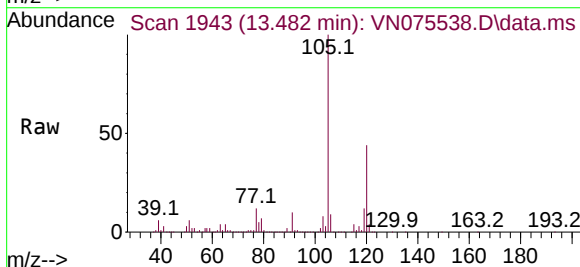
Acq: 02 Dec 2022 17:41

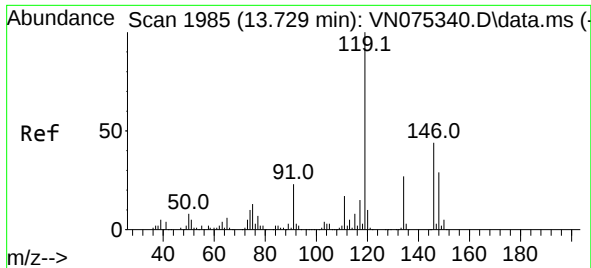
Tgt Ion:105 Resp: 421905

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#

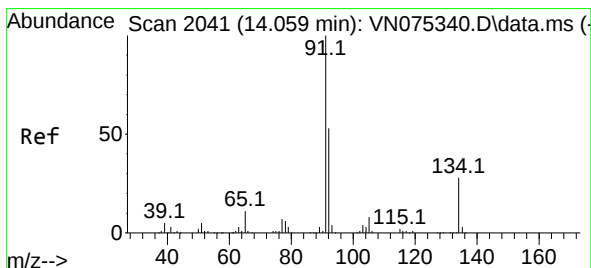
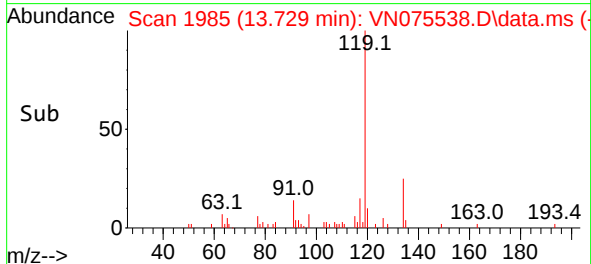
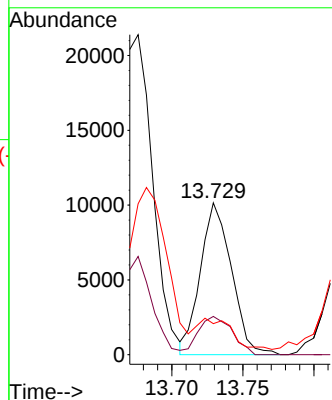
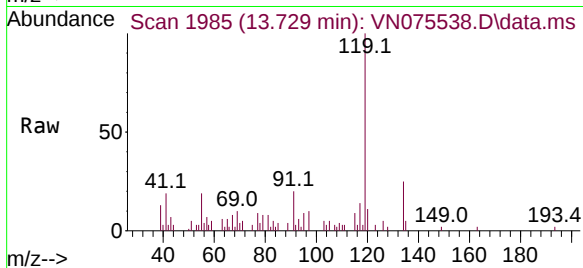




#86
p-Isopropyltoluene
Concen: 1.943 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

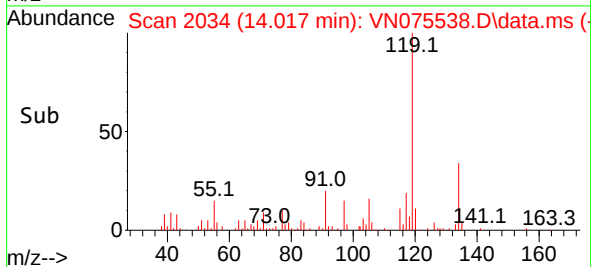
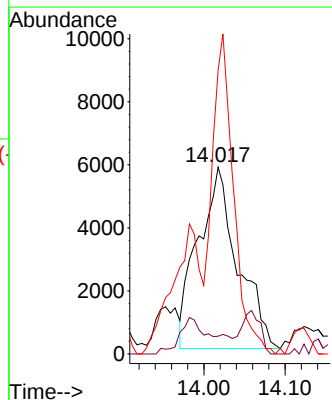
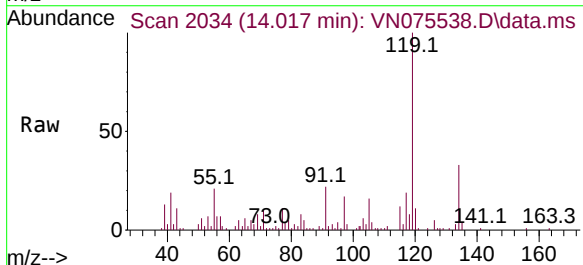
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

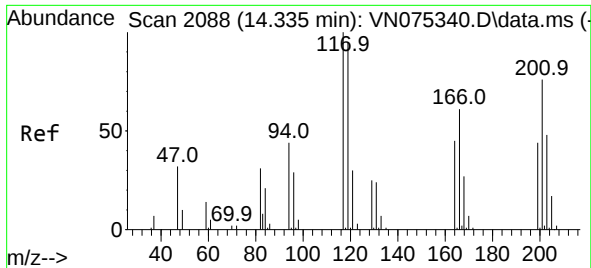
Tgt Ion:	119	Resp:	15485
Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.1	39.3
91	22.5	11.9	35.5



#89
n-Butylbenzene
Concen: 2.893 ug/l
RT: 14.017 min Scan# 2034
Delta R.T. -0.042 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion:	91	Resp:	19476
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.5	79.4#
134	94.5	13.0	39.0#

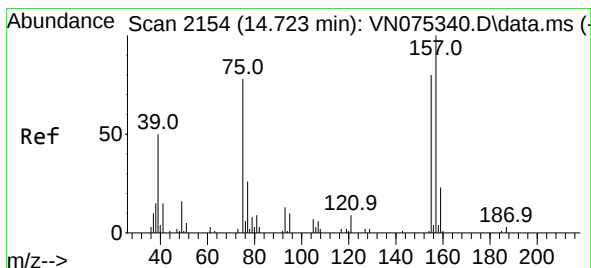
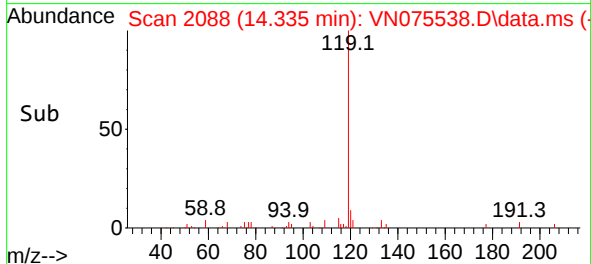
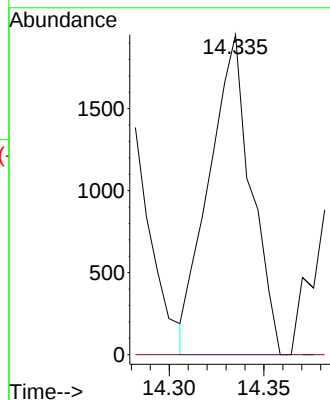
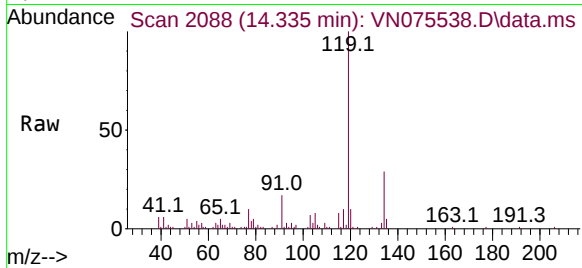




#90
Hexachloroethane
Concen: 2.193 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

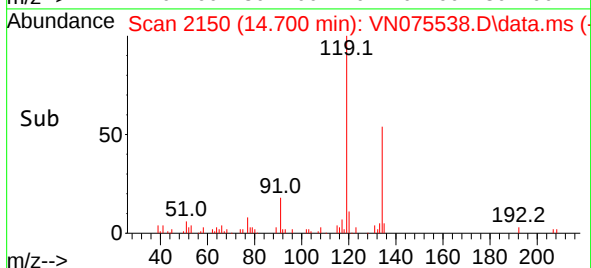
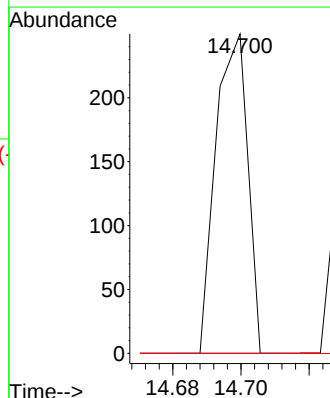
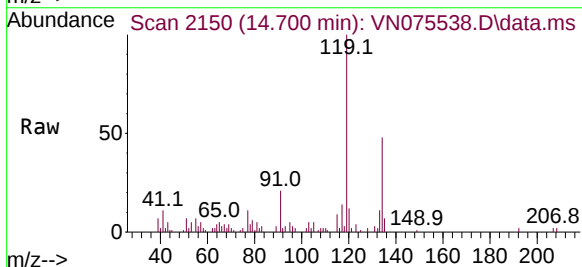
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201

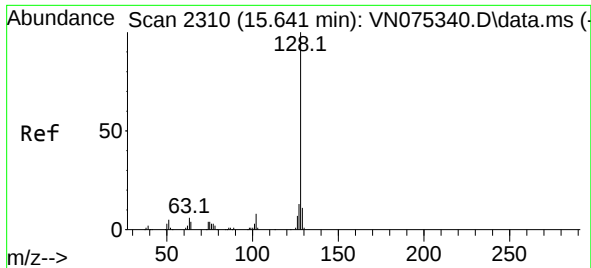
Tgt Ion:117 Resp: 3015
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.304 ug/l
RT: 14.700 min Scan# 2150
Delta R.T. -0.023 min
Lab File: VN075538.D
Acq: 02 Dec 2022 17:41

Tgt Ion: 75 Resp: 162
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 0.0 51.7 155.1#





#95

Naphthalene

Concen: 2.233 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075538.D

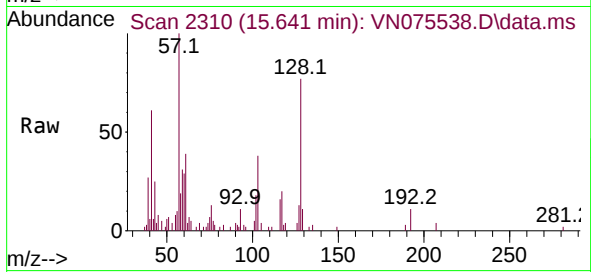
Acq: 02 Dec 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

SP-SILICA-1201



Tgt Ion:128 Resp: 15128

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

129 14.3 8.6 12.8#

