

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075593.D
 Acq On : 06 Dec 2022 18:38
 Operator : JC\MD
 Sample : N5876-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MORR-12-02-SIL

Quant Time: Dec 07 00:18:35 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	212594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55846	48.937	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.880%
35) Dibromofluoromethane	8.171	113	72788	53.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.580%
50) Toluene-d8	10.571	98	159060	52.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.853	95	117115	52.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.120%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.971	74	697	0.546	ug/l	83
11) Tert butyl alcohol	5.542	59	27189	56.756	ug/l #	77
13) Acrolein	4.418	56	315	0.755	ug/l #	38
16) Acetone	4.442	43	60687	57.013	ug/l #	87
18) Methyl Acetate	5.048	43	6525	1.167	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	14743	2.114	ug/l #	77
20) Methylene Chloride	5.283	84	1220	Below Cal	#	90
22) Diisopropyl ether	6.683	45	35687	6.141	ug/l #	1
23) Vinyl Acetate	6.683	43	2060	0.446	ug/l #	67
25) 2-Butanone	7.494	43	35786	24.081	ug/l	90
29) Tetrahydrofuran	7.847	42	707	0.782	ug/l #	1
31) Cyclohexane	8.236	56	4230	1.167	ug/l #	30
36) 1,1-Dichloropropene	8.230	75	14756	5.001	ug/l #	50
37) Ethyl Acetate	7.494	43	35786	13.468	ug/l #	66
38) Carbon Tetrachloride	8.230	117	20898	6.447	ug/l #	16
39) Methylcyclohexane	9.600	83	3040	0.823	ug/l #	85
40) Benzene	8.612	78	586602	64.927	ug/l	98
41) Methacrylonitrile	7.783	41	506	0.372	ug/l #	18
42) 1,2-Dichloroethane	8.606	62	4466	1.476	ug/l #	75
43) Isopropyl Acetate	8.694	43	12485	2.927	ug/l	99
45) 1,2-Dichloropropane	9.377	63	777	0.361	ug/l #	42
48) Methyl methacrylate	9.659	41	14915	7.563	ug/l #	33
49) 1,4-Dioxane	9.706	88	1168	20.858	ug/l #	28
51) 4-Methyl-2-Pentanone	10.447	43	5296	1.950	ug/l	94
52) Toluene	10.635	92	575335	98.819	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	1741	0.506	ug/l #	1
56) Ethyl methacrylate	10.953	69	3302	1.031	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.300	63	2061	1.784	ug/l #	85
59) 2-Hexanone	11.188	43	7025	3.444	ug/l #	49
67) Ethyl Benzene	11.965	91	42965	3.908	ug/l	100
68) m/p-Xylenes	12.071	106	100293	22.466	ug/l	100
69) o-Xylene	12.400	106	40454	9.120	ug/l	94
70) Styrene	12.400	104	1892	0.270	ug/l #	1
73) Isopropylbenzene	12.694	105	6067	0.568	ug/l	99
74) N-amyl acetate	12.459	43	4488	1.368	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.988	83	4030	1.238	ug/l #	26

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

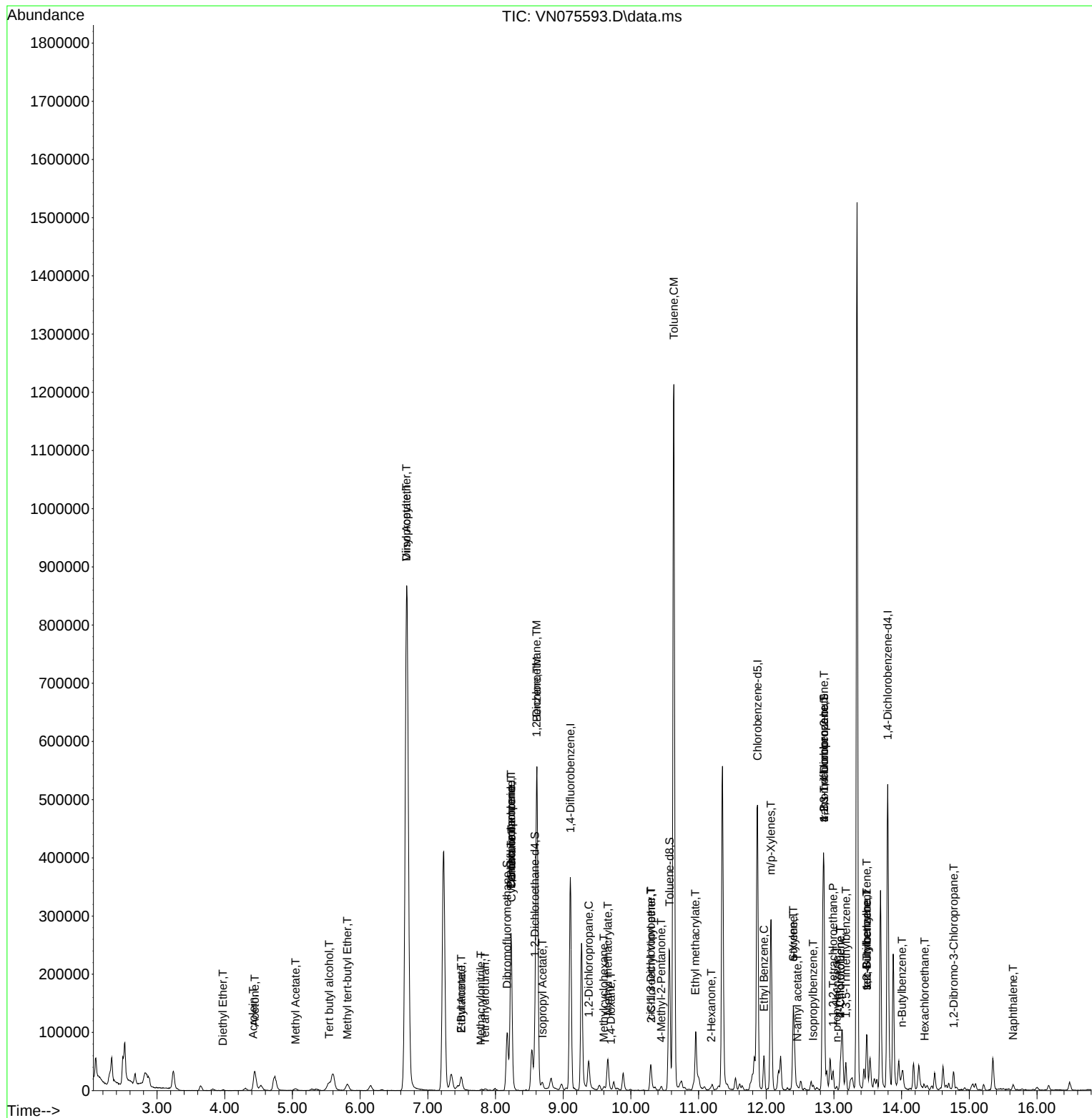
76) 1,2,3-Trichloropropane	12.853	75	59037	21.373	ug/l #	1
78) n-propylbenzene	13.041	91	5555	0.466	ug/l	88
79) 2-Chlorotoluene	13.094	91	2907	0.405	ug/l	79
80) 1,3,5-Trimethylbenzene	13.176	105	24272	2.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	59037	63.239	ug/l #	10
82) 4-Chlorotoluene	13.094	91	2907	0.405	ug/l	79
83) tert-Butylbenzene	13.482	119	6864	0.849	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.482	105	55303	6.218	ug/l	99
85) sec-Butylbenzene	13.482	105	55303	5.041	ug/l #	56
89) n-Butylbenzene	14.006	91	3815	0.489	ug/l #	21
90) Hexachloroethane	14.341	117	360	0.226	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.770	75	353	0.573	ug/l #	2
95) Naphthalene	15.647	128	5001	0.637	ug/l	97

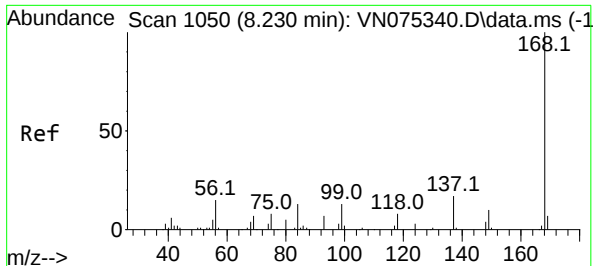
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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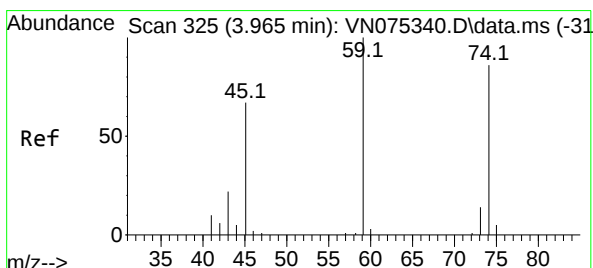
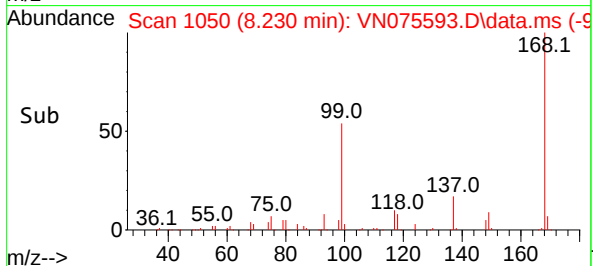
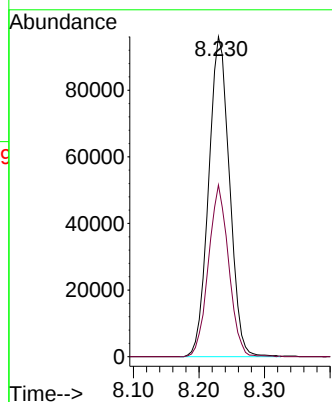
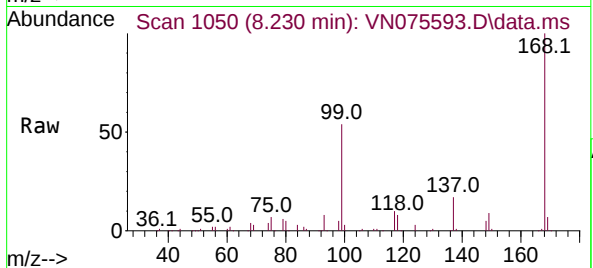




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

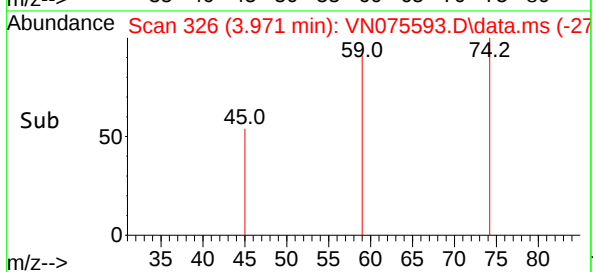
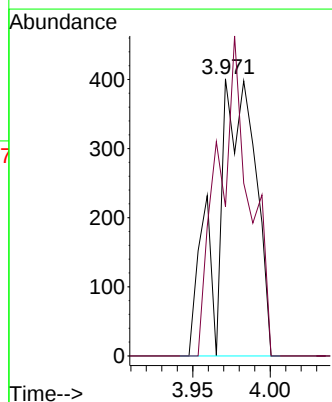
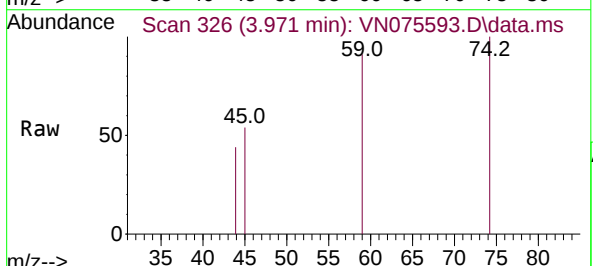
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ClientSampleId :
MORR-12-02-SIL

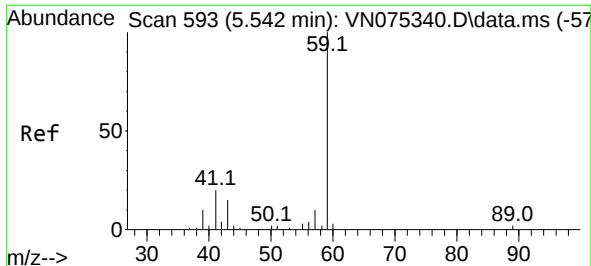
Tgt Ion:168 Resp: 212594
Ion Ratio Lower Upper
168 100
99 53.6 51.6 77.4



#8
Diethyl Ether
Concen: 0.546 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 74 Resp: 697
Ion Ratio Lower Upper
74 100
45 93.7 39.3 117.9

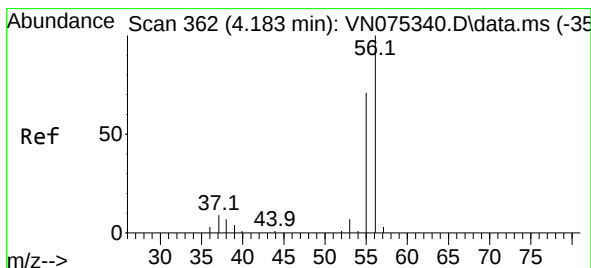
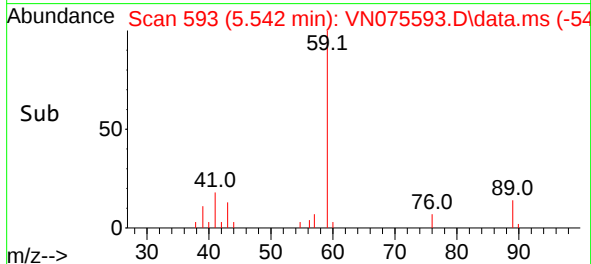
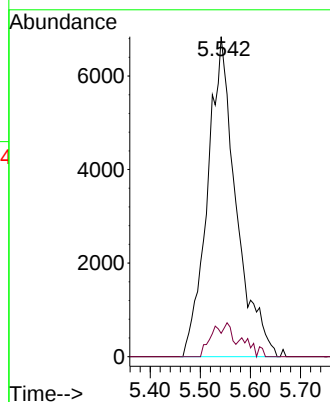
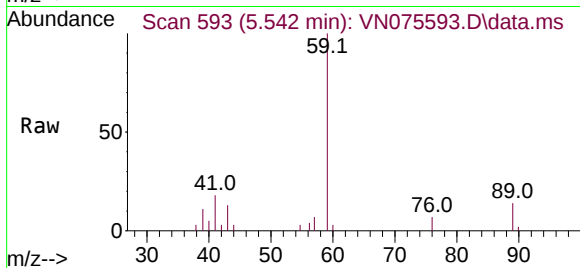




#11
Tert butyl alcohol
Concen: 56.756 ug/l
RT: 5.542 min Scan# 59
Delta R.T. -0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

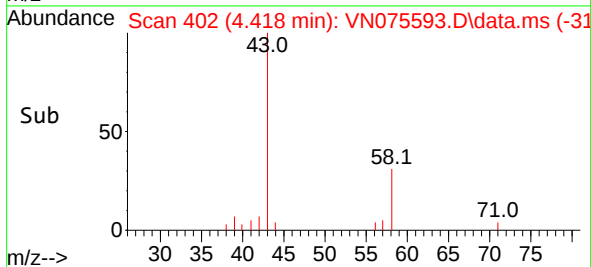
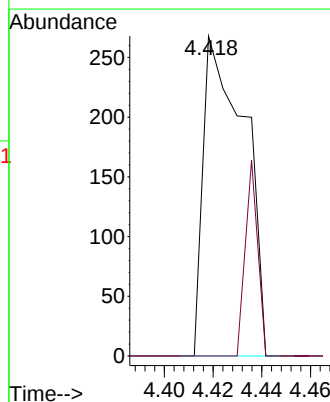
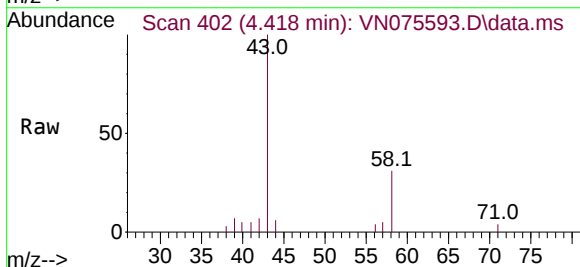
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

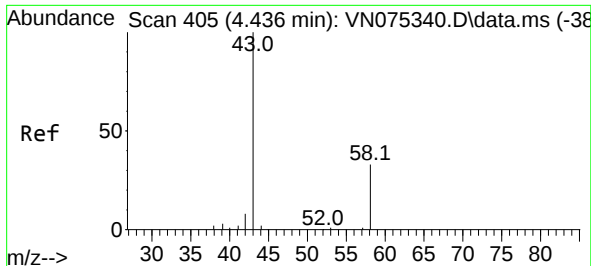
Tgt Ion: 59 Resp: 27189
Ion Ratio Lower Upper
59 100
57 2.0 8.5 12.7#



#13
Acrolein
Concen: 0.755 ug/l
RT: 4.418 min Scan# 402
Delta R.T. 0.235 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 56 Resp: 315
Ion Ratio Lower Upper
56 100
55 18.4 55.2 82.8#

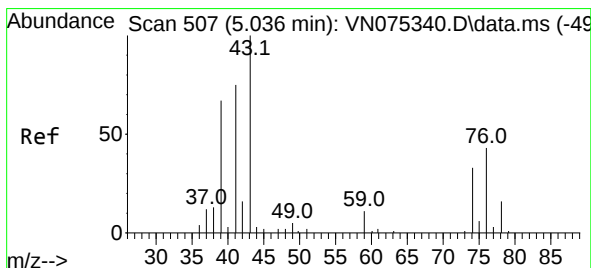
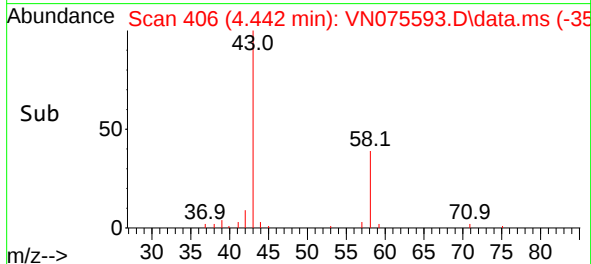
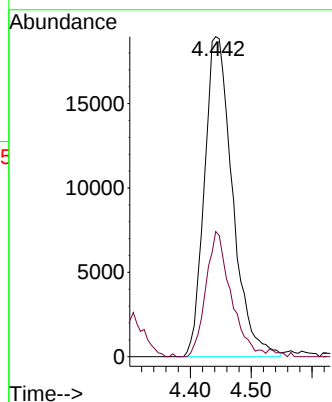
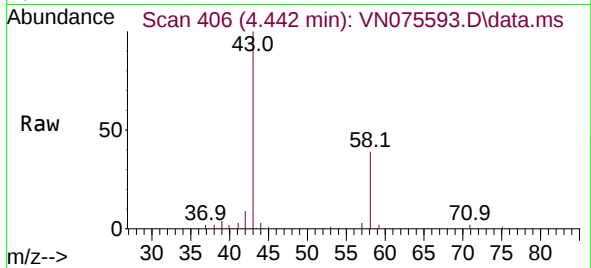




#16
Acetone
Concen: 57.013 ug/l
RT: 4.442 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

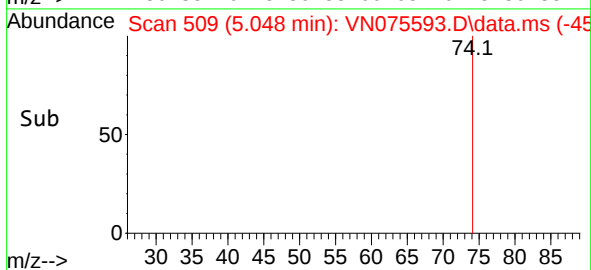
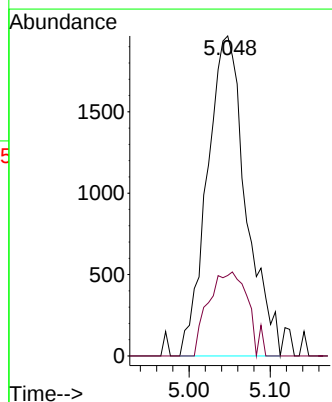
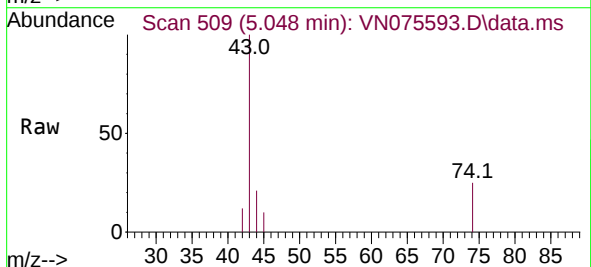
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ClientSampleId :
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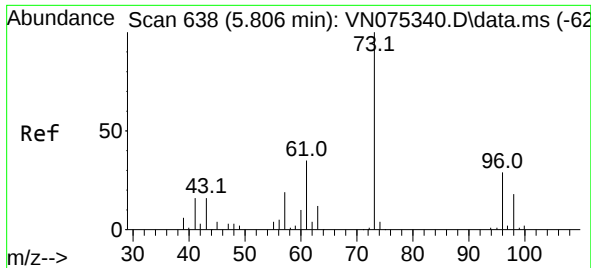
Tgt Ion: 43 Resp: 60687
Ion Ratio Lower Upper
43 100
58 39.1 25.5 38.3#



#18
Methyl Acetate
Concen: 1.167 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 43 Resp: 6525
Ion Ratio Lower Upper
43 100
74 26.7 22.0 33.0

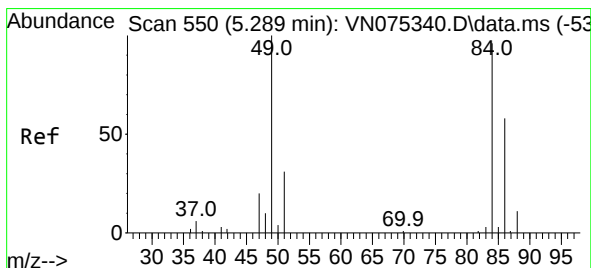
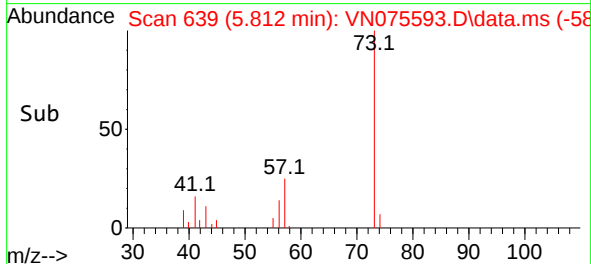
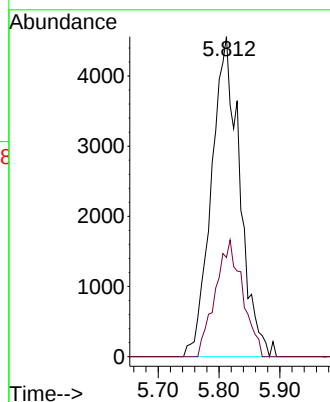
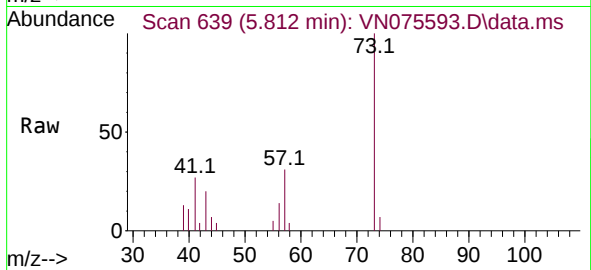




#19
Methyl tert-butyl Ether
Concen: 2.114 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

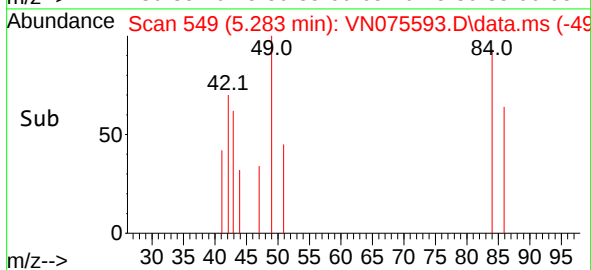
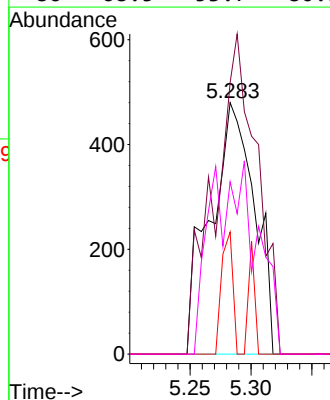
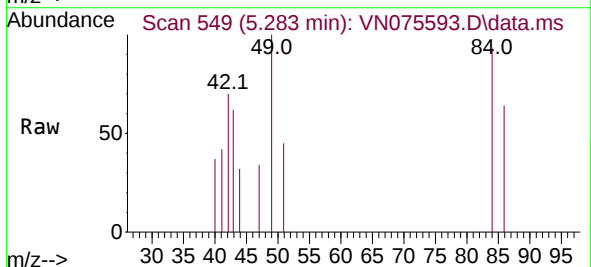
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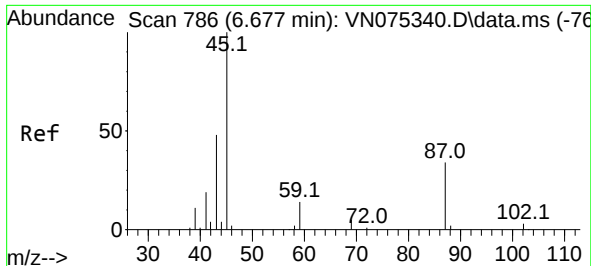
Tgt Ion: 73 Resp: 14743
Ion Ratio Lower Upper
73 100
57 31.0 16.3 24.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 84 Resp: 1220
Ion Ratio Lower Upper
84 100
49 107.9 94.9 142.3
51 48.5 26.8 40.2#
86 68.5 53.7 80.5

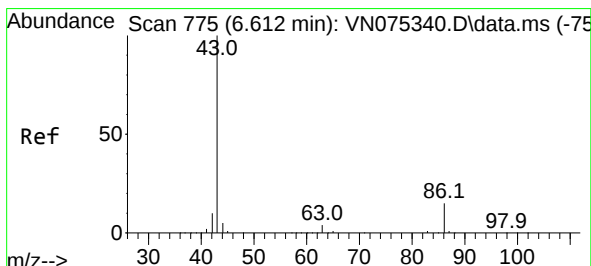
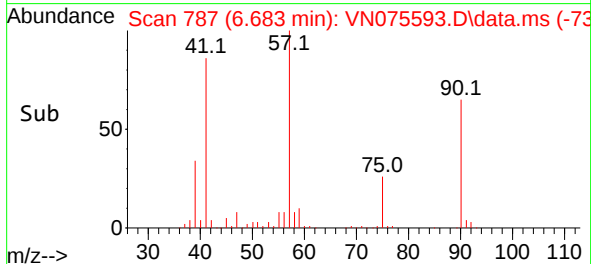
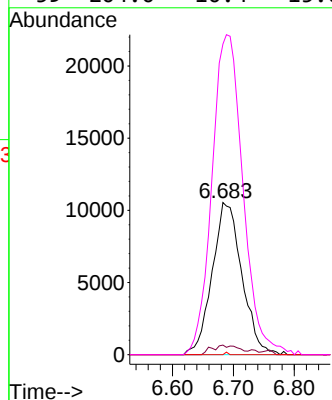
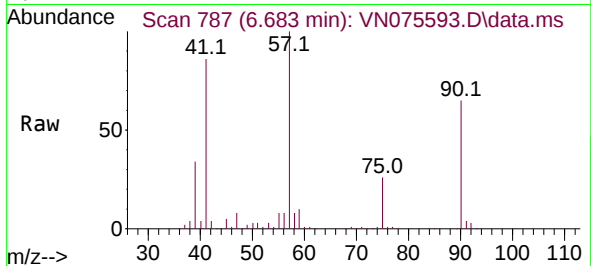




#22
Diisopropyl ether
Concen: 6.141 ug/l
RT: 6.683 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN075593.D
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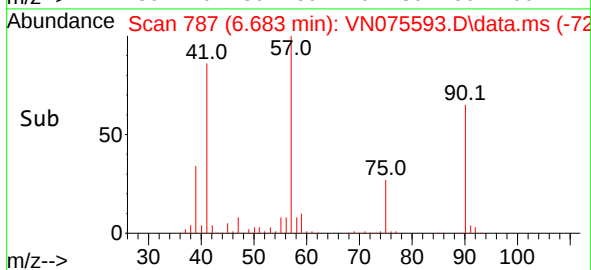
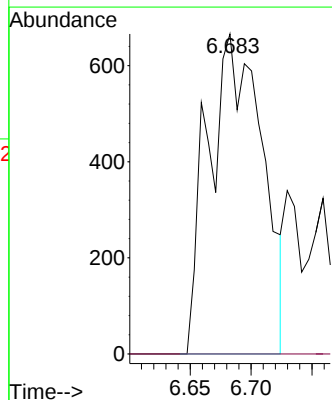
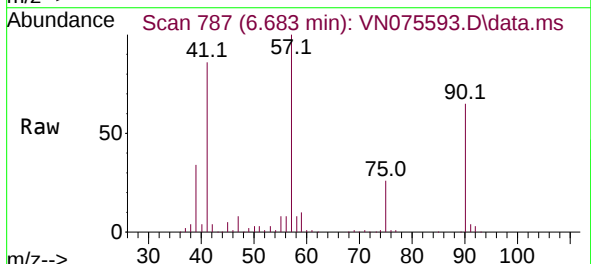
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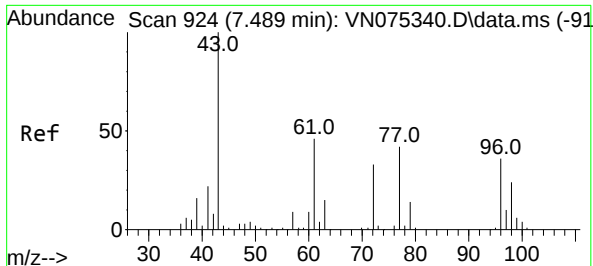
Tgt Ion: 45 Resp: 35687
Ion Ratio Lower Upper
45 100
43 6.3 42.8 64.2#
87 0.0 28.4 42.6#
59 204.0 10.4 15.6#



#23
Vinyl Acetate
Concen: 0.446 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.071 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
86 0.0 10.7 16.1#





#25

2-Butanone

Concen: 24.081 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

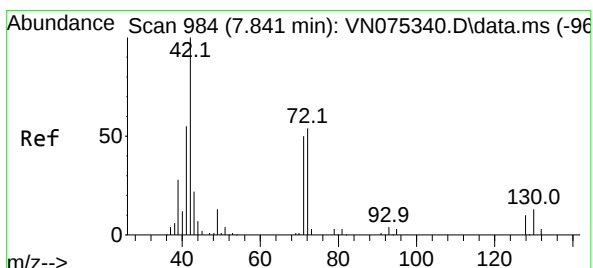
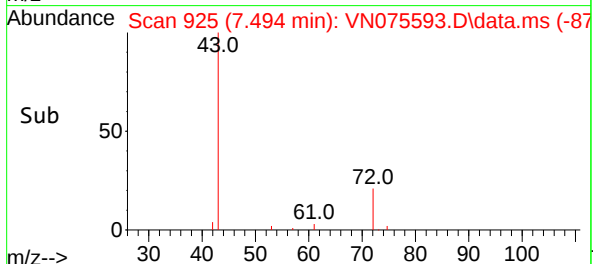
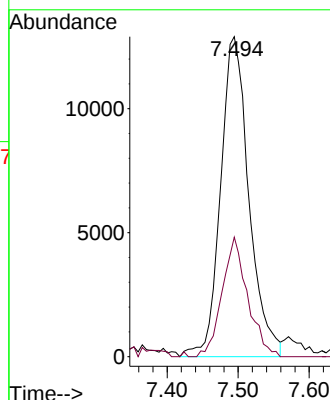
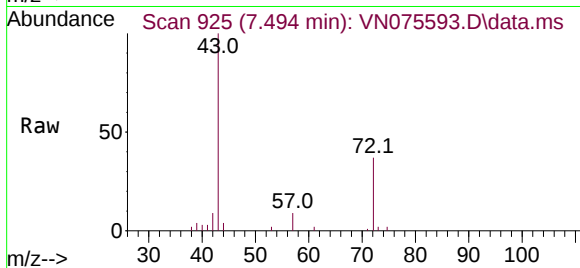
MORR-12-02-SIL

Tgt Ion: 43 Resp: 35786

Ion Ratio Lower Upper

43 100

72 37.3 25.5 38.3



#29

Tetrahydrofuran

Concen: 0.782 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

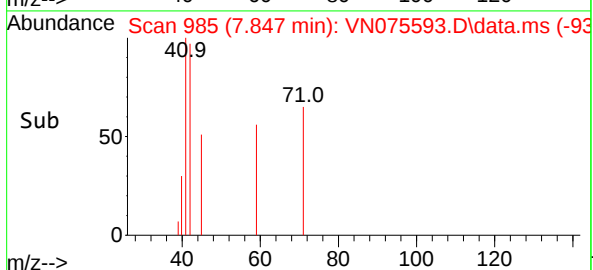
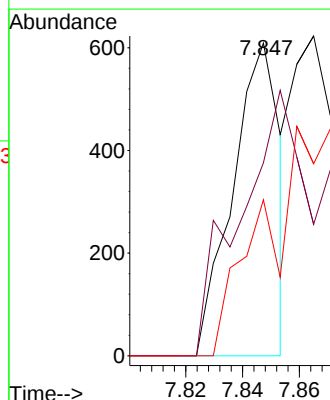
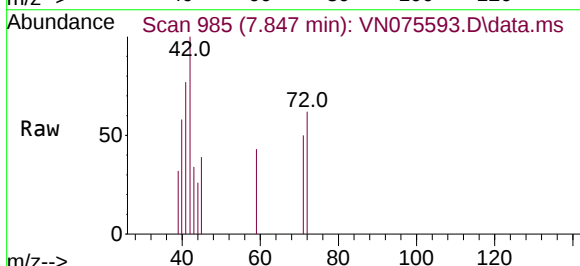
Tgt Ion: 42 Resp: 707

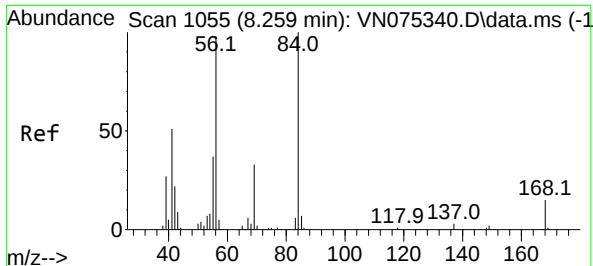
Ion Ratio Lower Upper

42 100

72 142.4 43.0 64.6#

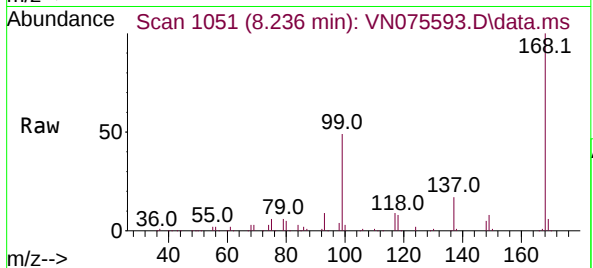
71 114.3 39.9 59.9#



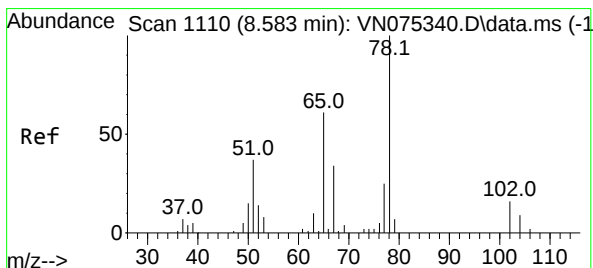
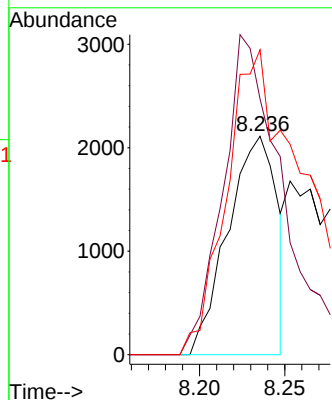
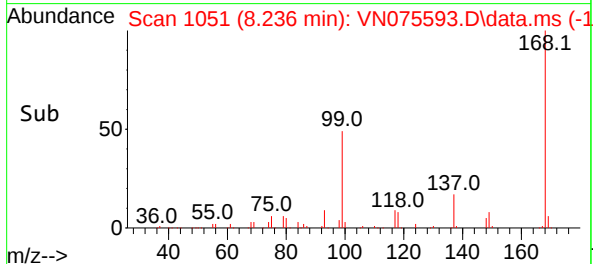


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

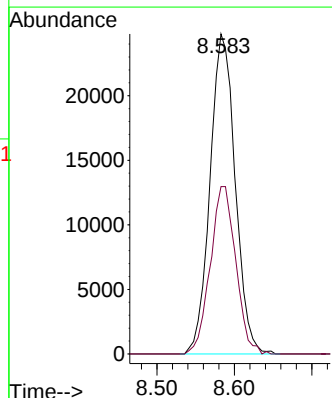
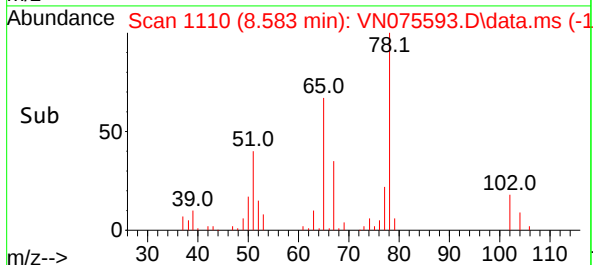
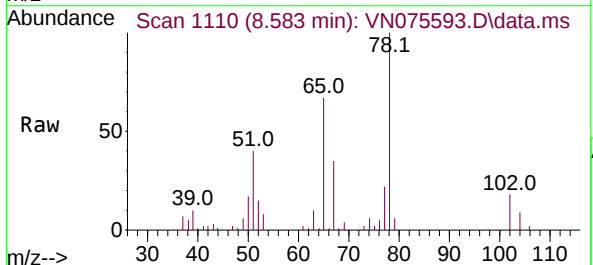


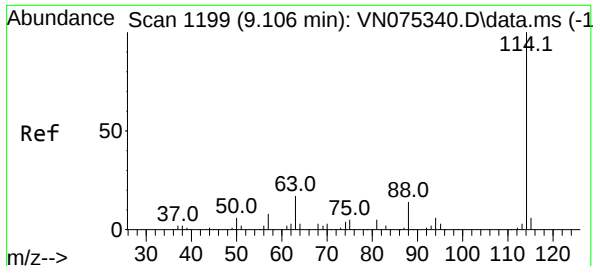
Tgt Ion: 56 Resp: 4230
Ion Ratio Lower Upper
56 100
69 117.1 25.2 37.8#
84 139.6 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 48.937 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 65 Resp: 55846
Ion Ratio Lower Upper
65 100
67 53.0 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: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

MORR-12-02-SIL

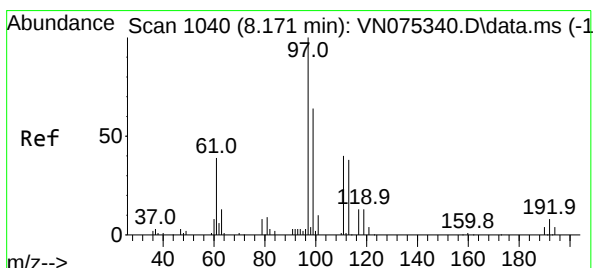
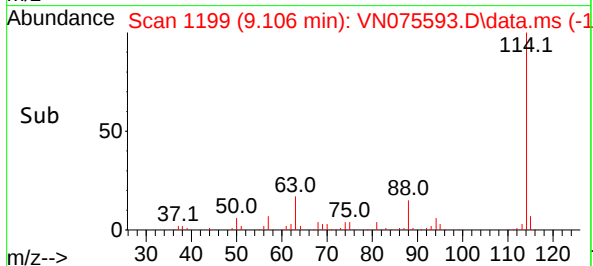
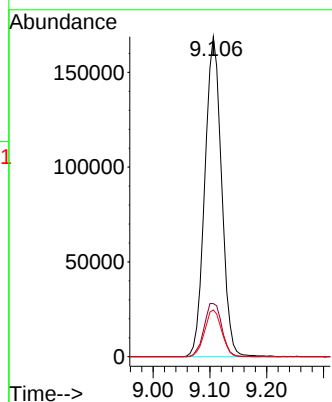
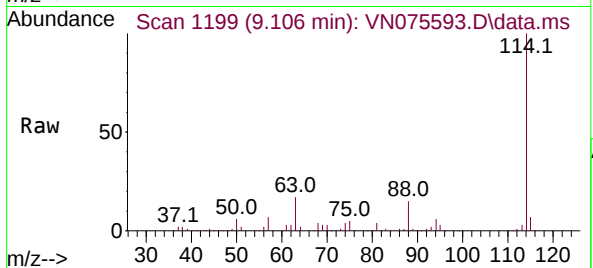
Tgt Ion:114 Resp: 344458

Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.792 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

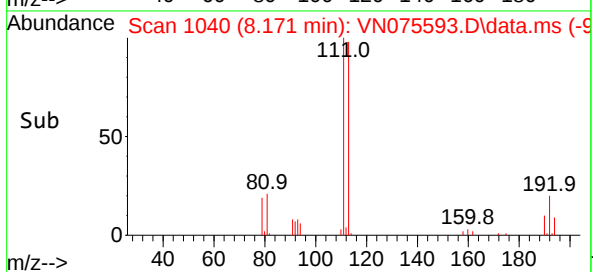
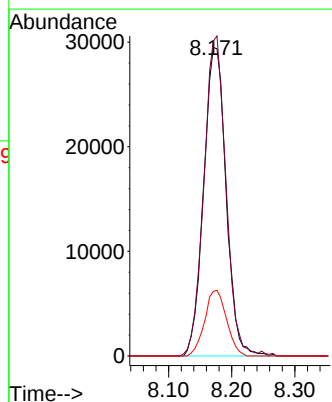
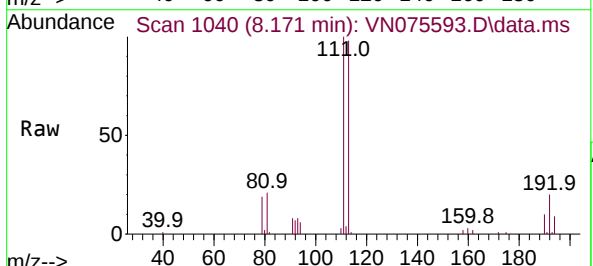
Tgt Ion:113 Resp: 72788

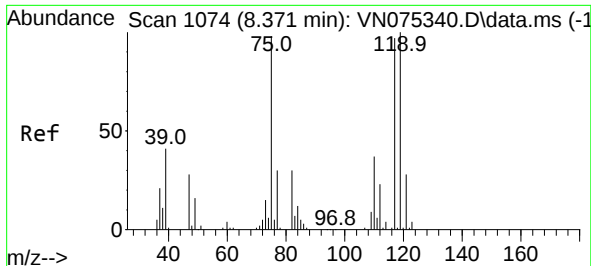
Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 20.8 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 5.001 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

MORR-12-02-SIL

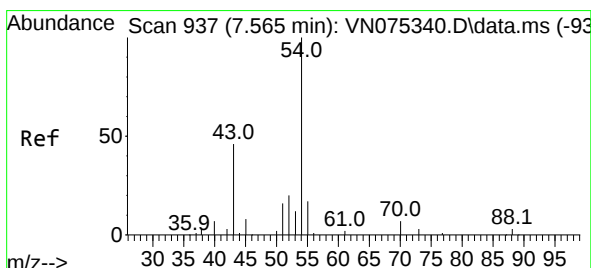
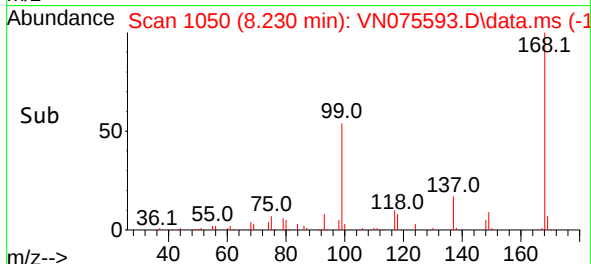
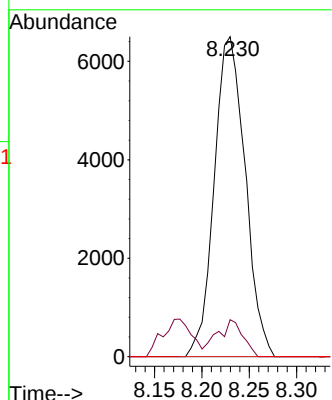
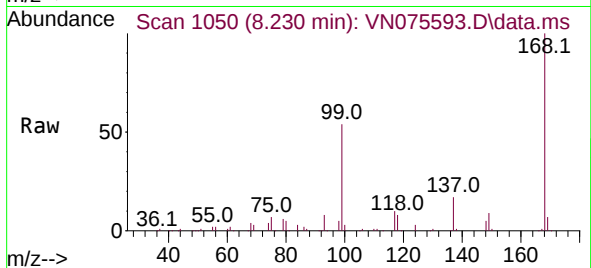
Tgt Ion: 75 Resp: 14756

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 13.468 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.071 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

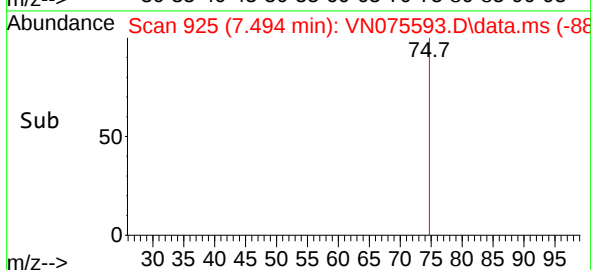
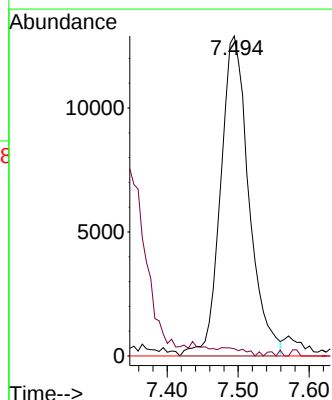
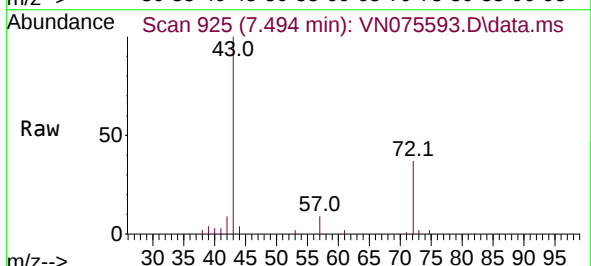
Tgt Ion: 43 Resp: 35786

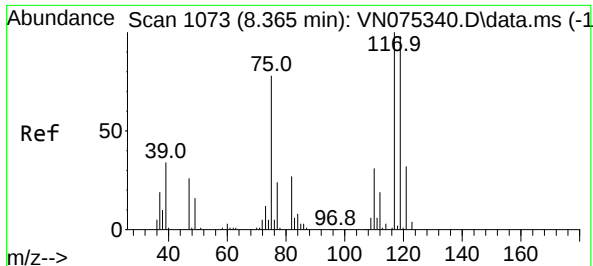
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.4 14.2#

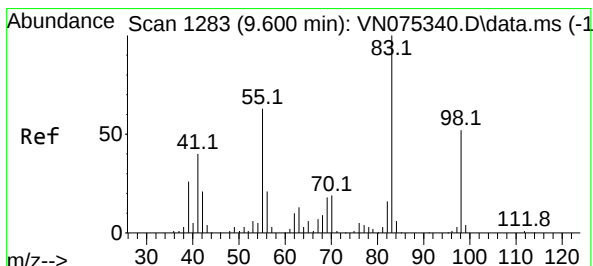
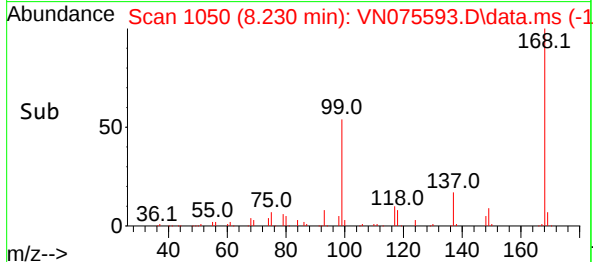
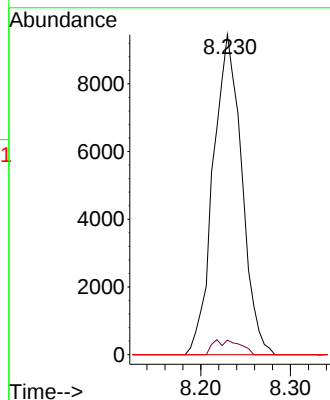
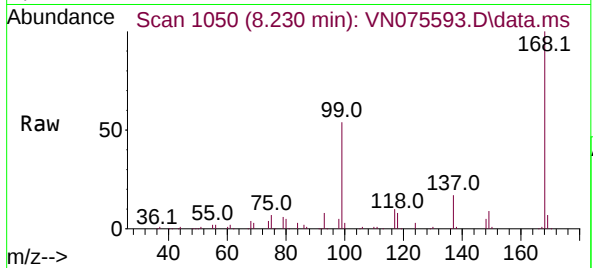




#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

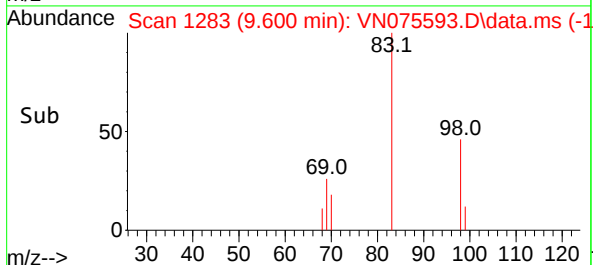
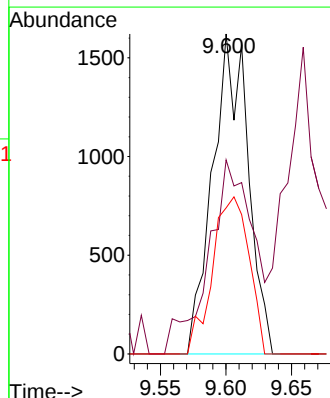
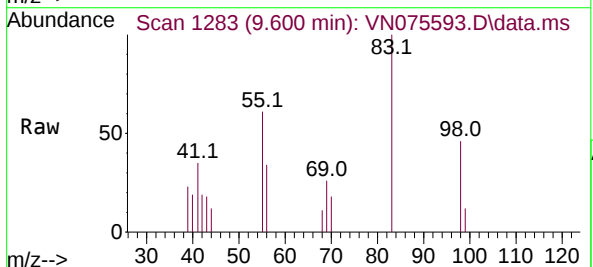
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

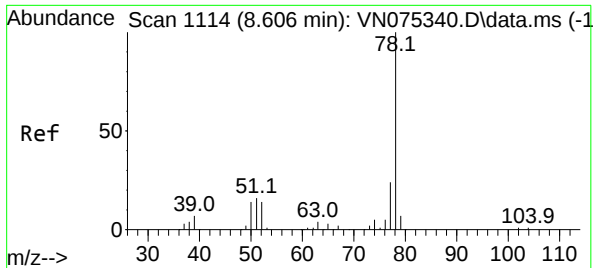
Tgt Ion:117 Resp: 20898
Ion Ratio Lower Upper
117 100
119 4.5 76.7 115.1#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.823 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 83 Resp: 3040
Ion Ratio Lower Upper
83 100
55 50.6 53.6 80.4#
98 45.7 41.1 61.7





#40

Benzene

Concen: 64.927 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

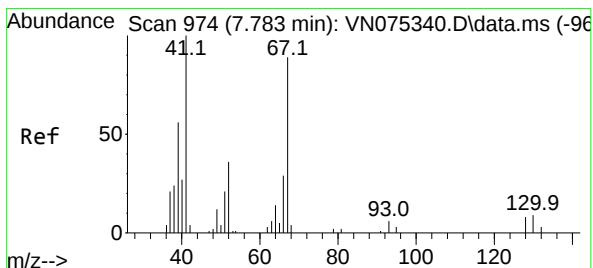
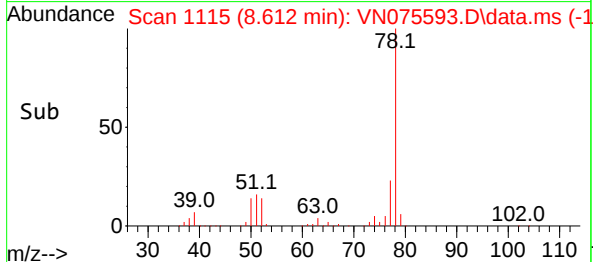
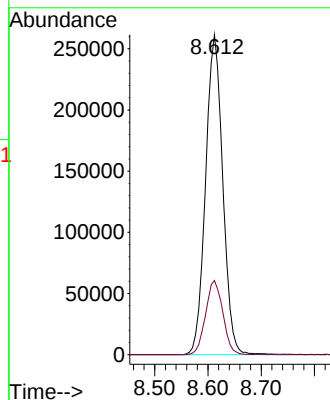
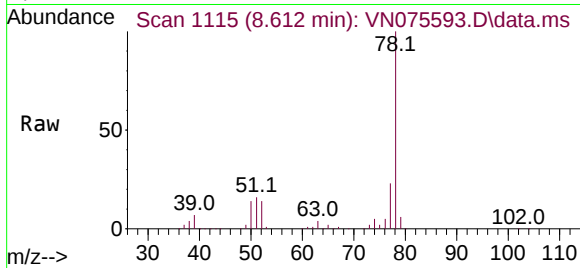
MORR-12-02-SIL

Tgt Ion: 78 Resp: 586602

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0



#41

Methacrylonitrile

Concen: 0.372 ug/l

RT: 7.783 min Scan# 974

Delta R.T. -0.000 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Tgt Ion: 41 Resp: 506

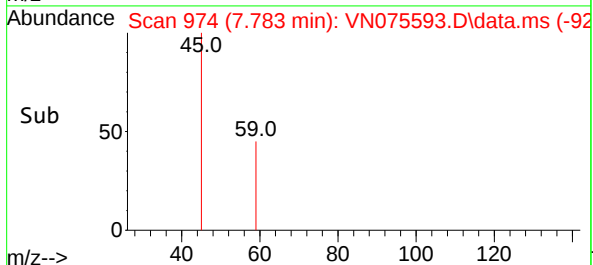
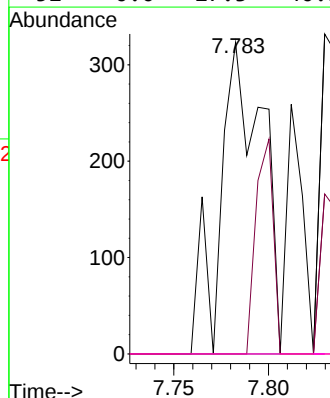
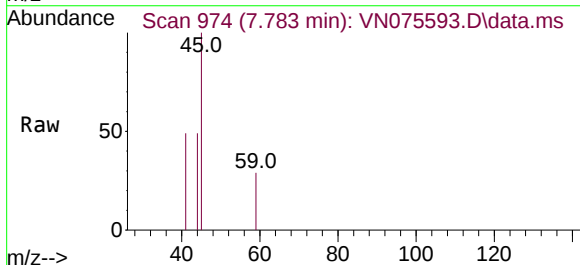
Ion Ratio Lower Upper

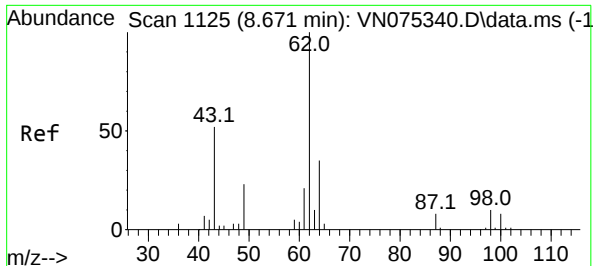
41 100

39 0.0 44.4 66.6#

67 0.0 69.8 104.6#

52 0.0 27.3 40.9#





#42

1,2-Dichloroethane

Concen: 1.476 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.065 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

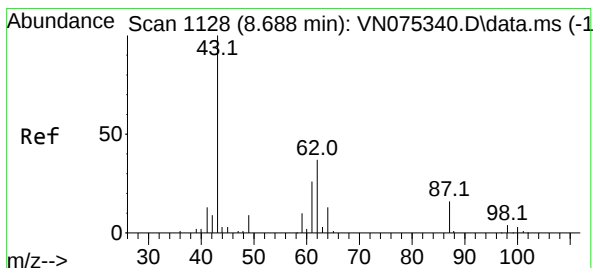
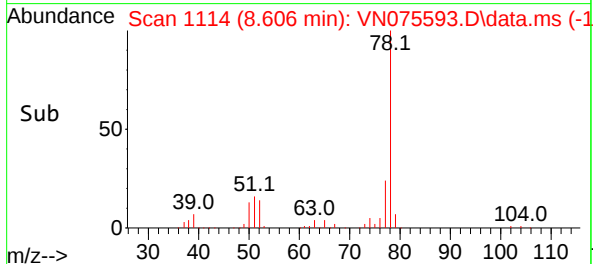
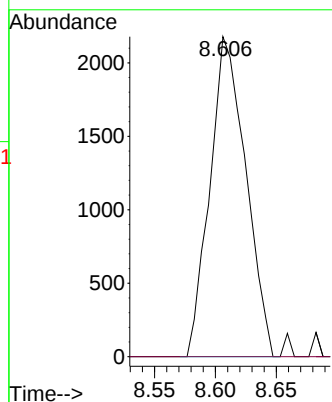
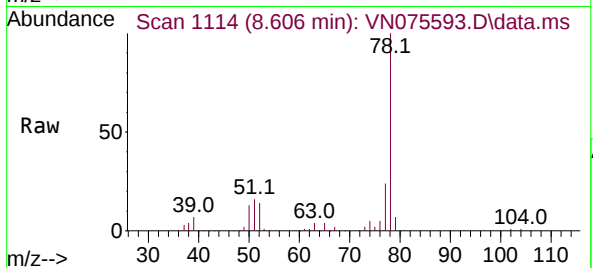
MORR-12-02-SIL

Tgt Ion: 62 Resp: 4466

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 2.927 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

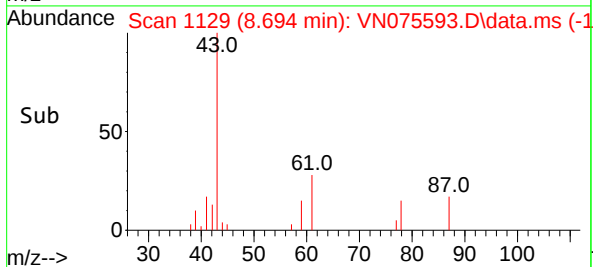
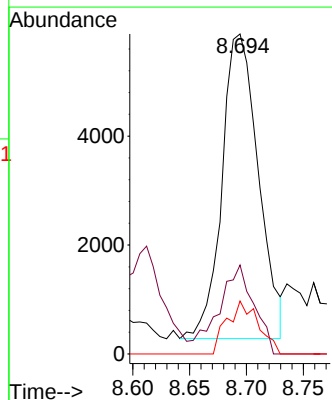
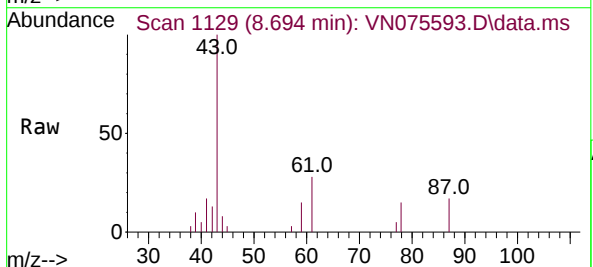
Tgt Ion: 43 Resp: 12485

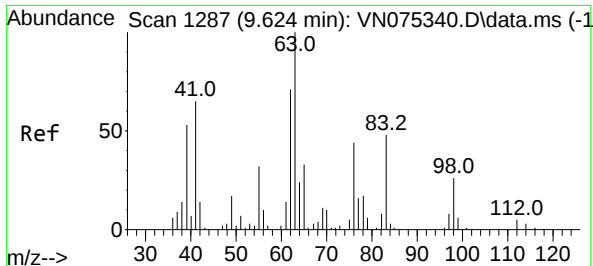
Ion Ratio Lower Upper

43 100

61 28.6 22.4 33.6

87 15.0 12.5 18.7





#45

1,2-Dichloropropane

Concen: 0.361 ug/l

RT: 9.377 min Scan# 11

Delta R.T. -0.247 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

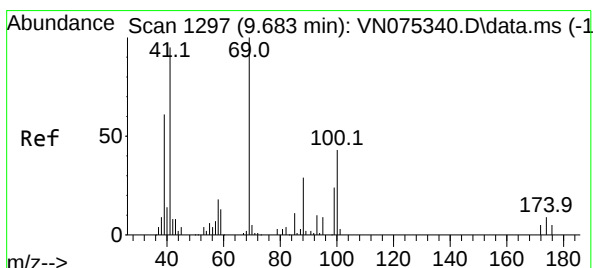
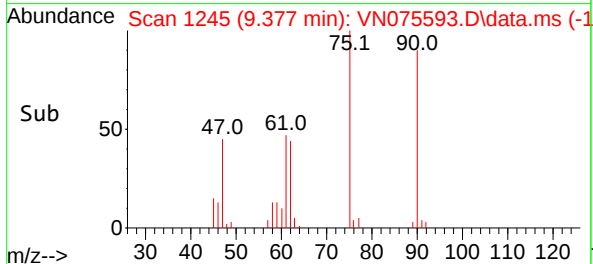
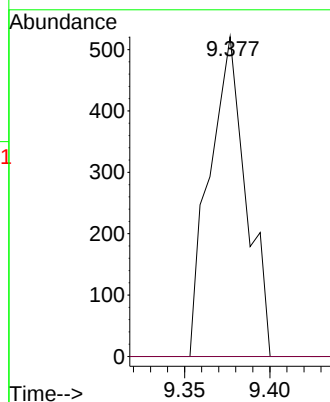
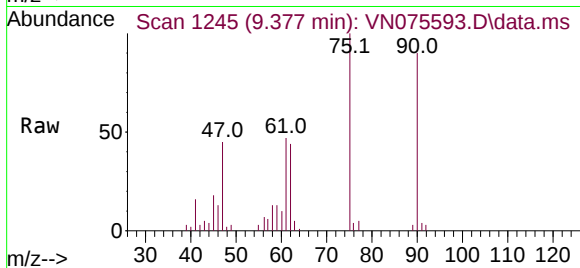
MORR-12-02-SIL

Tgt Ion: 63 Resp: 777

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 7.563 ug/l

RT: 9.659 min Scan# 1293

Delta R.T. -0.024 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

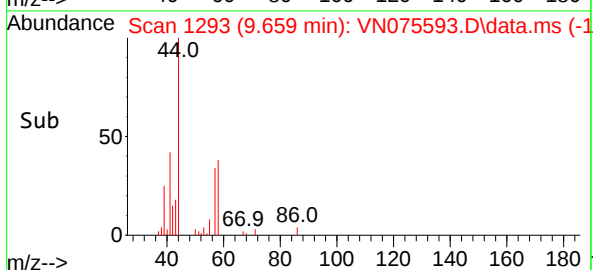
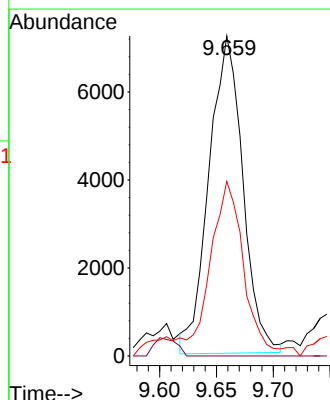
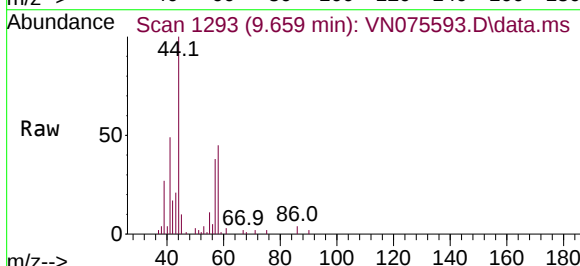
Tgt Ion: 41 Resp: 14915

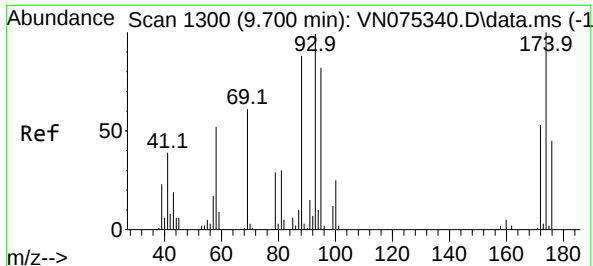
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 53.9 56.2 84.2#





#49

1,4-Dioxane

Concen: 20.858 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

MORR-12-02-SIL

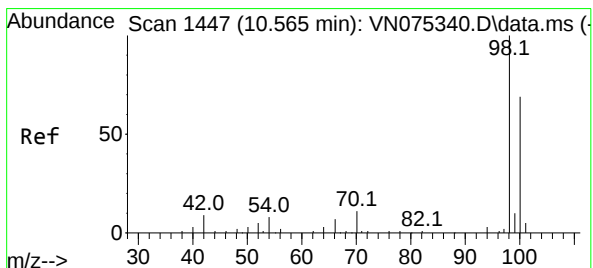
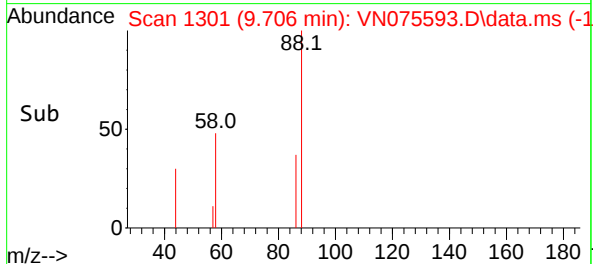
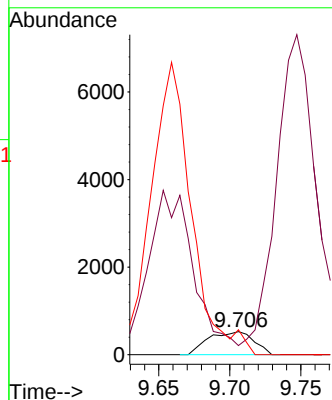
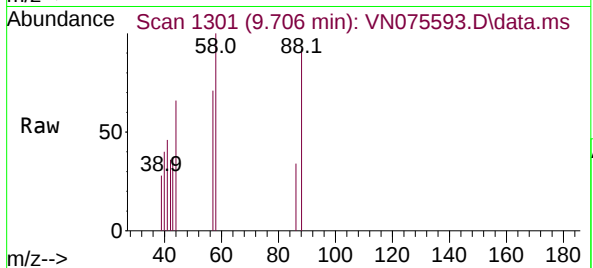
Tgt Ion: 88 Resp: 1168

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 0.0 49.8 74.8#



#50

Toluene-d8

Concen: 52.191 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075593.D

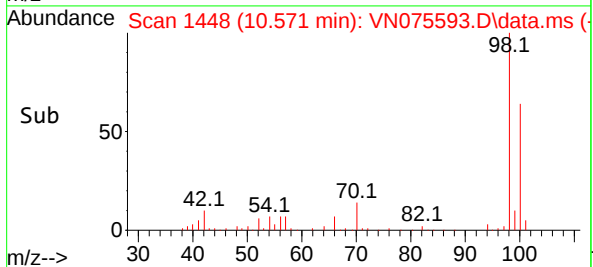
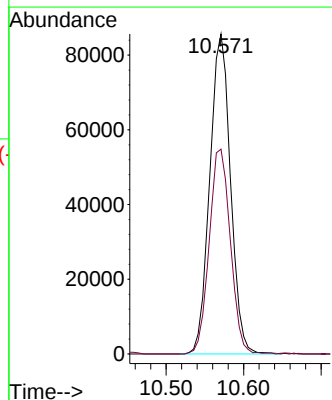
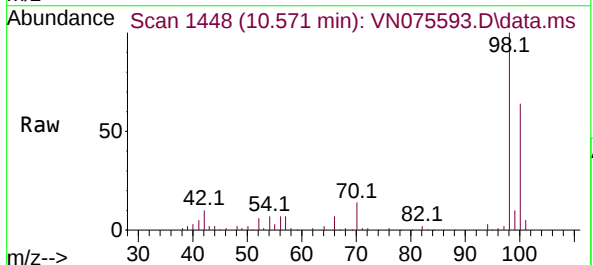
Acq: 06 Dec 2022 18:38

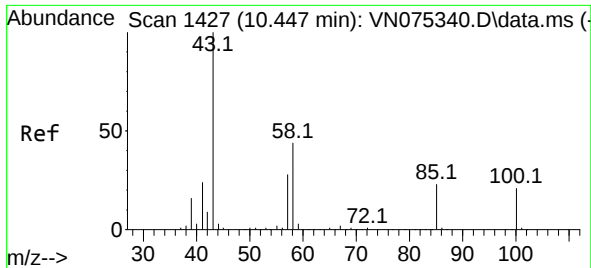
Tgt Ion: 98 Resp: 159060

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6

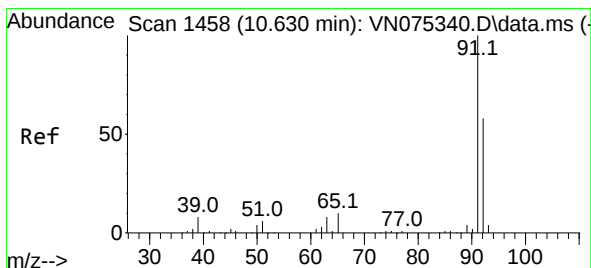
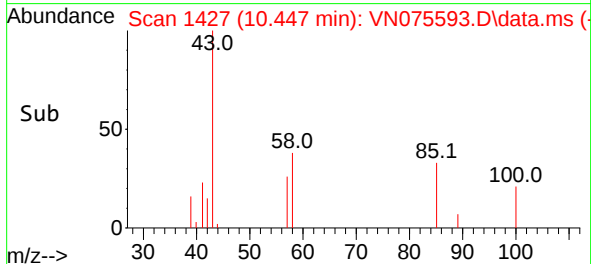
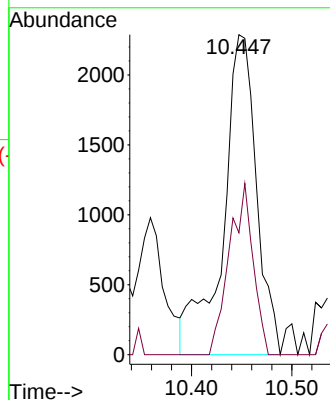
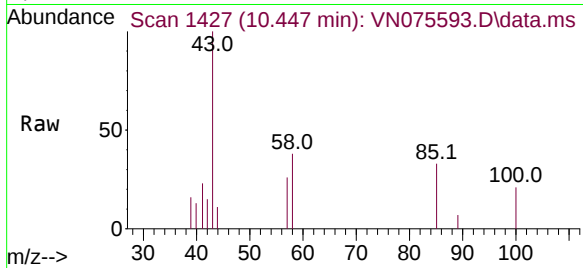




#51
4-Methyl-2-Pentanone
Concen: 1.950 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

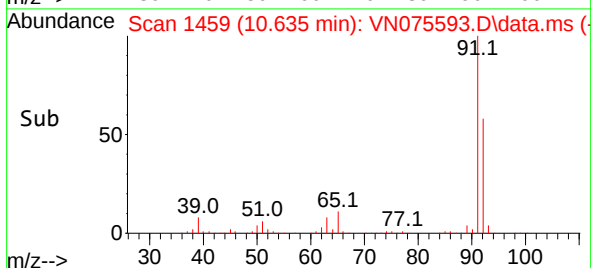
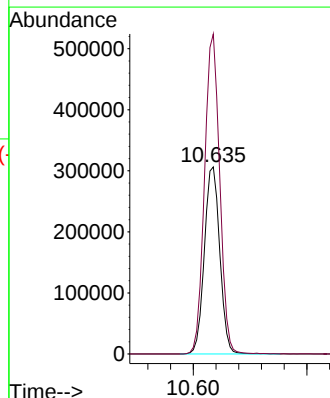
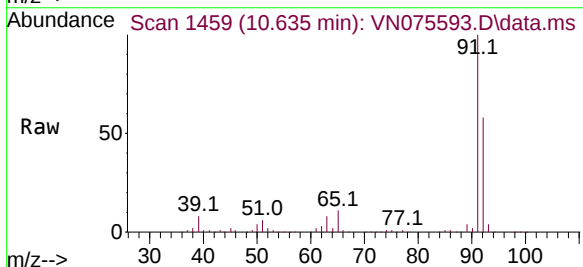
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

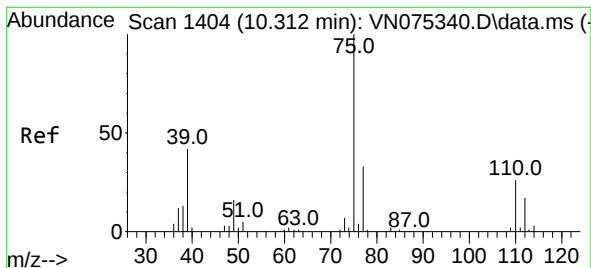
Tgt Ion: 43 Resp: 5296
Ion Ratio Lower Upper
43 100
58 38.1 33.6 50.4



#52
Toluene
Concen: 98.819 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 92 Resp: 575335
Ion Ratio Lower Upper
92 100
91 168.7 135.4 203.2

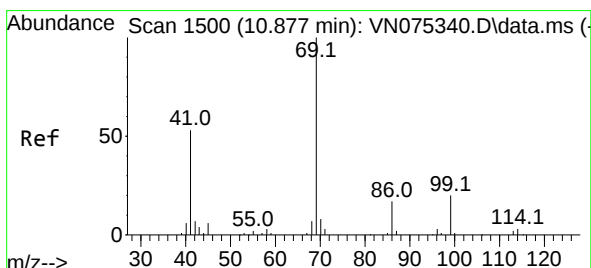
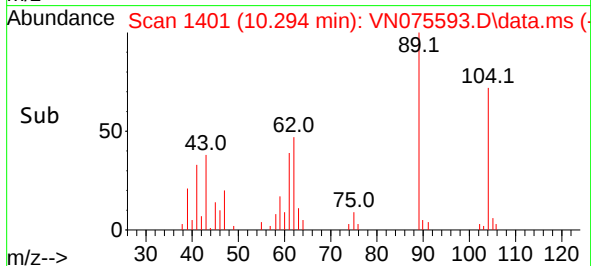
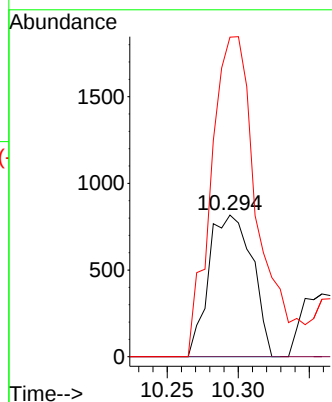
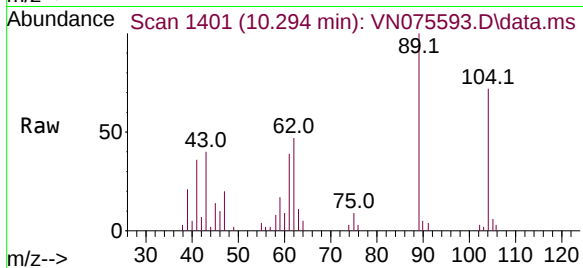




#54
 cis-1,3-Dichloropropene
 Concen: 0.506 ug/l
 RT: 10.294 min Scan# 14
 Delta R.T. -0.018 min
 Lab File: VN075593.D
 Acq: 06 Dec 2022 18:38

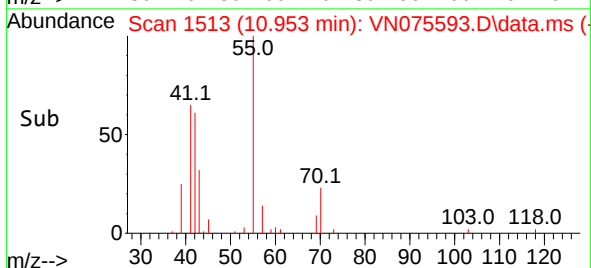
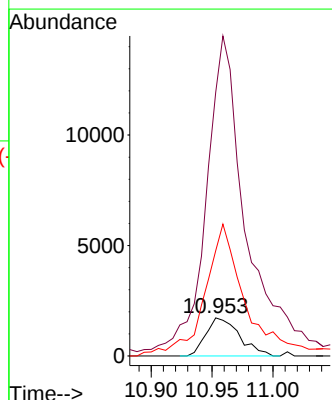
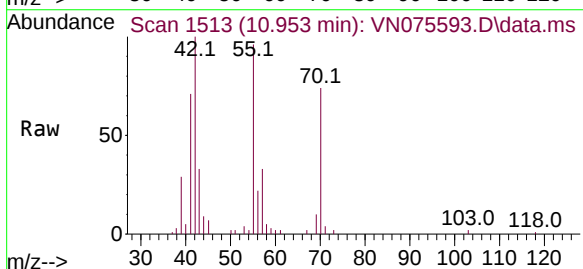
Instrument :
 MSVOA_N
 ClientSampleId :
 MORR-12-02-SIL

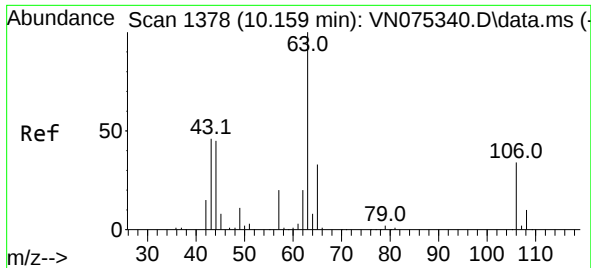
Tgt Ion: 75 Resp: 1741
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 225.6 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 1.031 ug/l
 RT: 10.953 min Scan# 1513
 Delta R.T. 0.076 min
 Lab File: VN075593.D
 Acq: 06 Dec 2022 18:38

Tgt Ion: 69 Resp: 3302
 Ion Ratio Lower Upper
 69 100
 41 972.1 45.6 68.4#
 39 427.1 28.5 42.7#

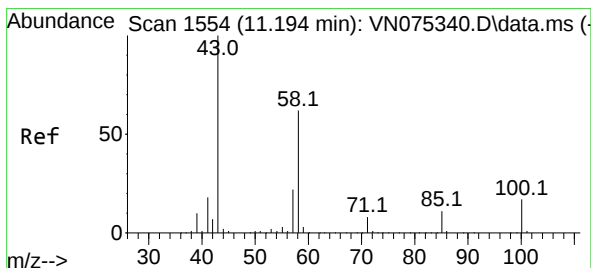
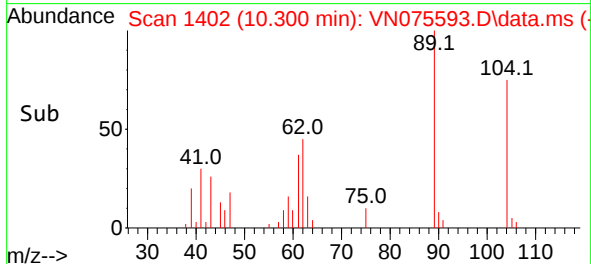
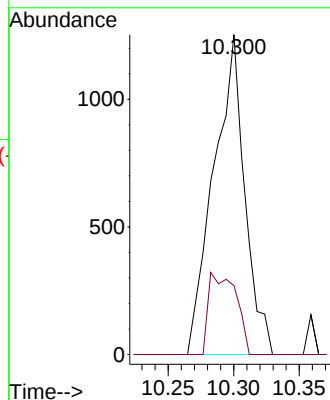
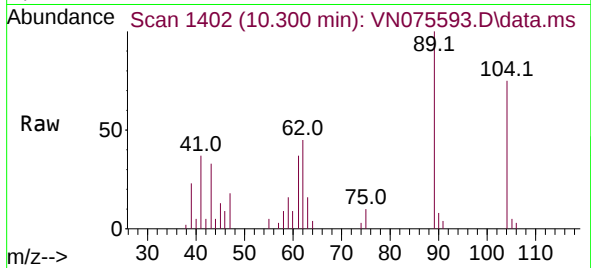




#58
2-Chloroethyl Vinyl ether
Concen: 1.784 ug/l
RT: 10.300 min Scan# 14
Delta R.T. 0.141 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

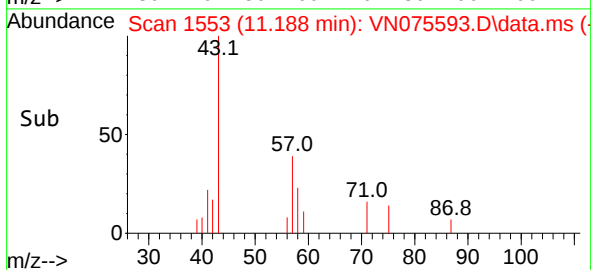
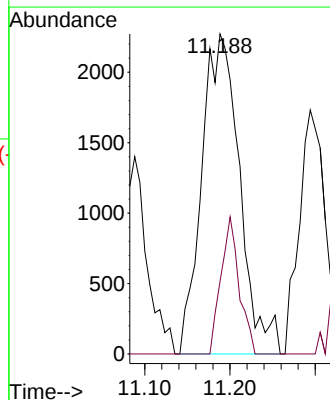
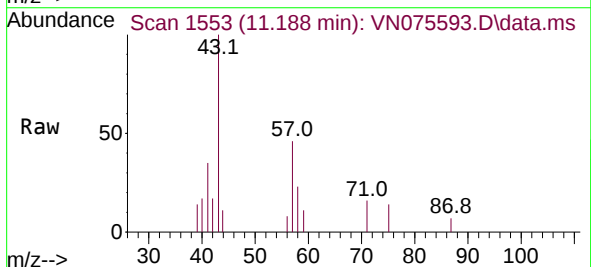
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

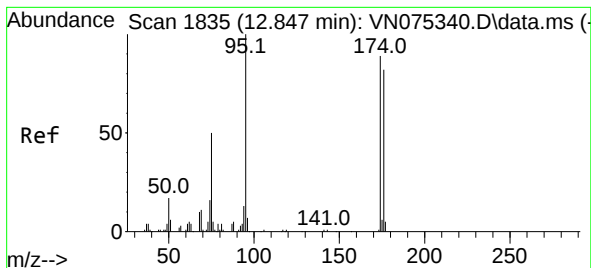
Tgt Ion: 63 Resp: 2061
Ion Ratio Lower Upper
63 100
106 22.7 24.8 37.2#



#59
2-Hexanone
Concen: 3.444 ug/l
RT: 11.188 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 43 Resp: 7025
Ion Ratio Lower Upper
43 100
58 20.6 29.6 88.8#

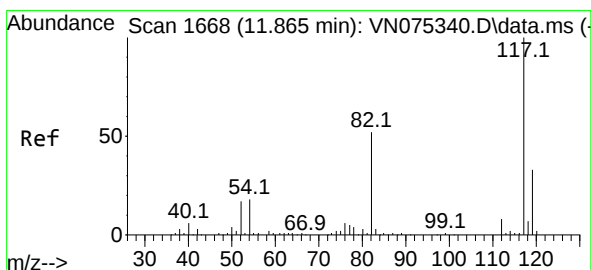
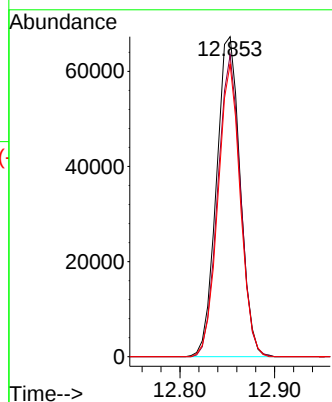
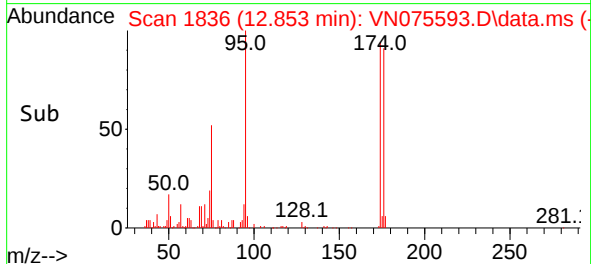
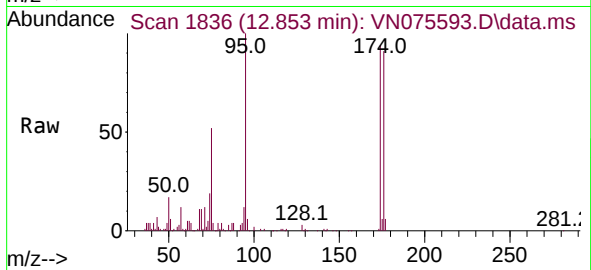




#62
4-Bromofluorobenzene
Concen: 52.063 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

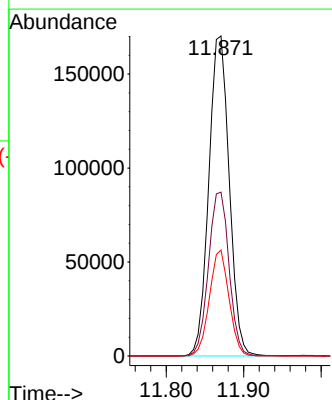
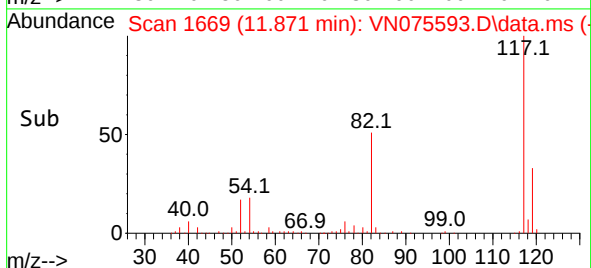
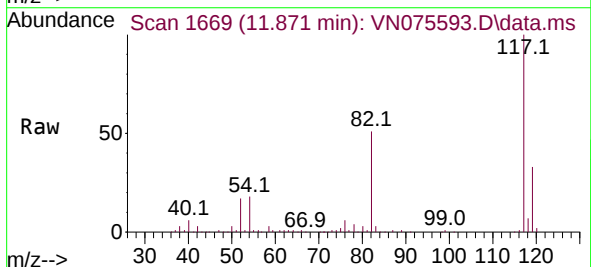
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

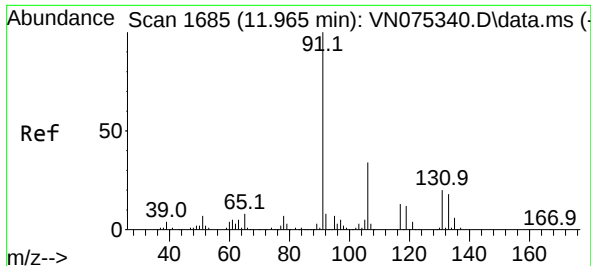
Tgt Ion: 95 Resp: 117115
Ion Ratio Lower Upper
95 100
174 89.9 0.0 147.4
176 85.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 117 Resp: 312016
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 33.1 25.5 38.3





#67

Ethyl Benzene

Concen: 3.908 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

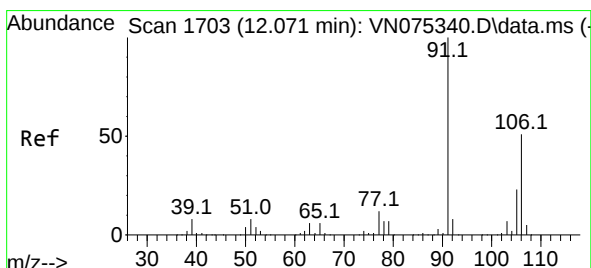
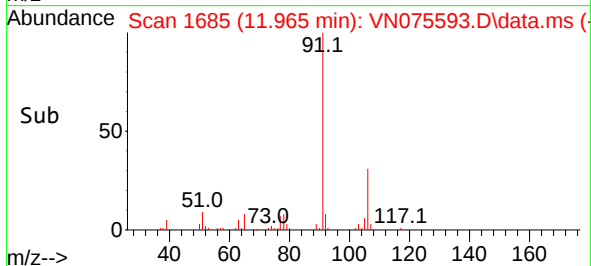
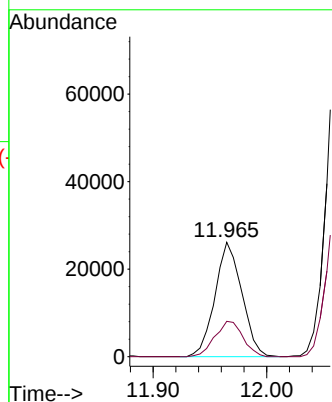
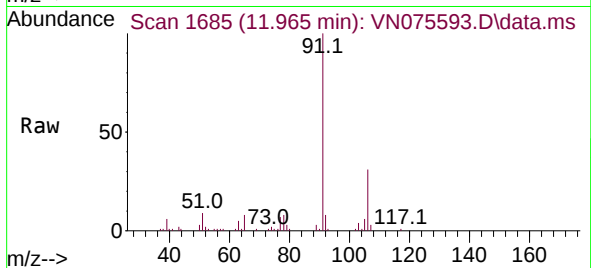
MORR-12-02-SIL

Tgt Ion: 91 Resp: 42965

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 22.466 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN075593.D

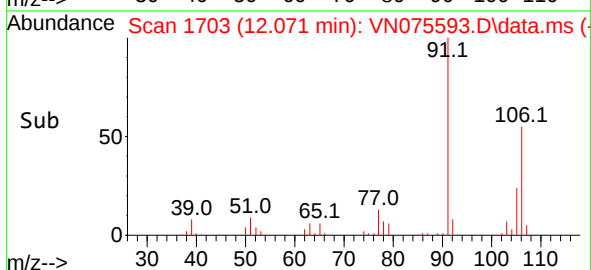
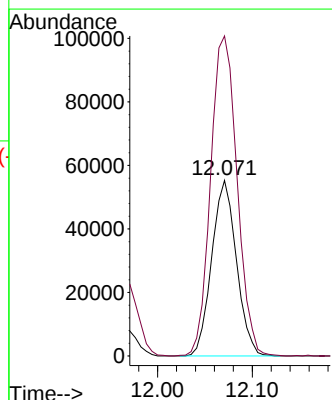
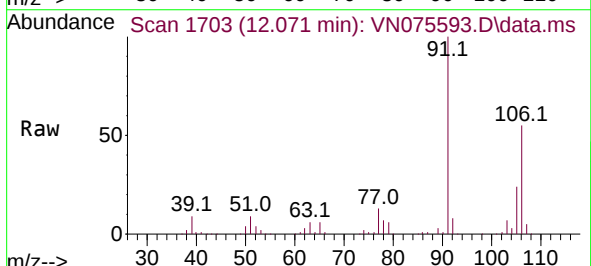
Acq: 06 Dec 2022 18:38

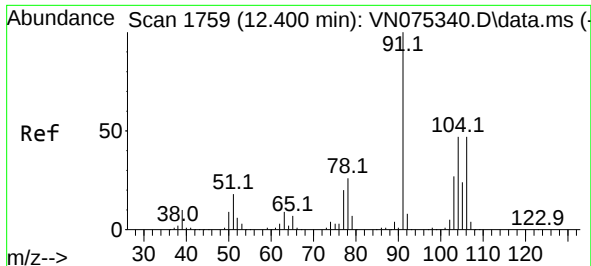
Tgt Ion: 106 Resp: 100293

Ion Ratio Lower Upper

106 100

91 195.2 156.0 234.0

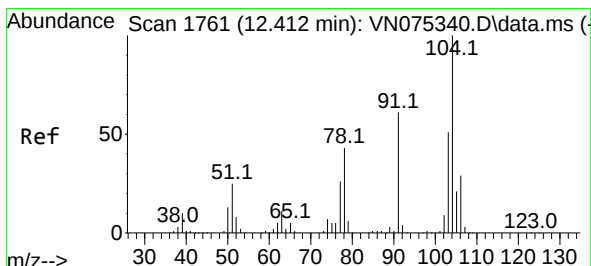
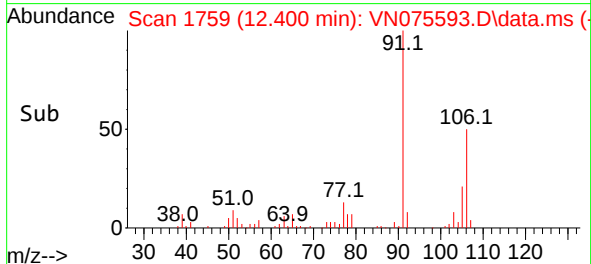
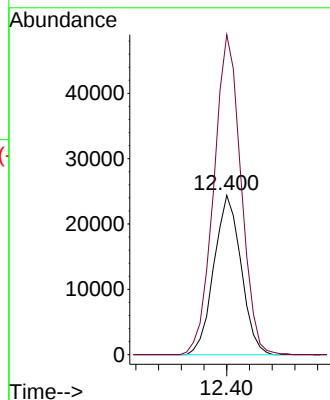
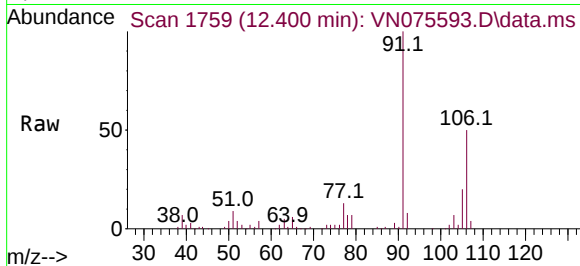




#69
o-Xylene
Concen: 9.120 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

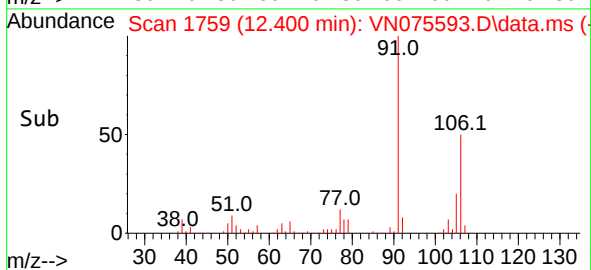
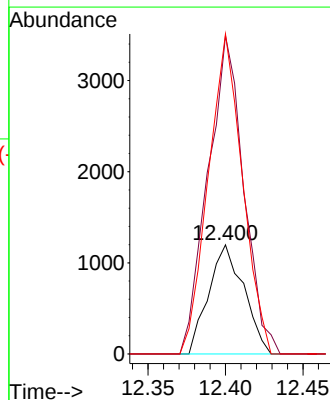
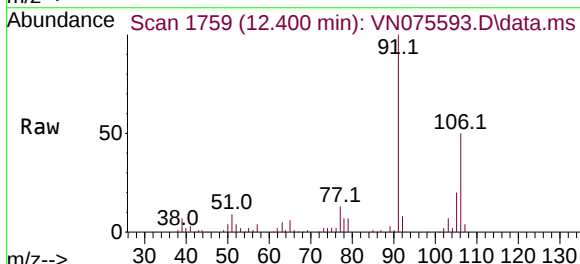
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

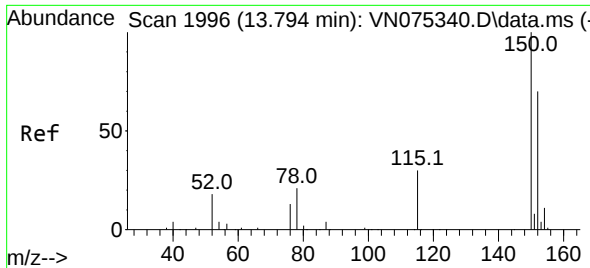
Tgt Ion:106 Resp: 40454
Ion Ratio Lower Upper
106 100
91 201.4 105.2 315.5



#70
Styrene
Concen: 0.270 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion:104 Resp: 1892
Ion Ratio Lower Upper
104 100
78 296.0 38.1 57.1#
103 283.7 44.6 66.8#

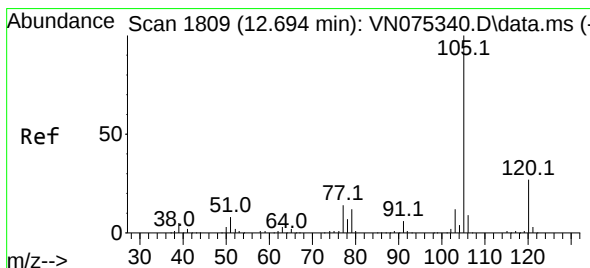
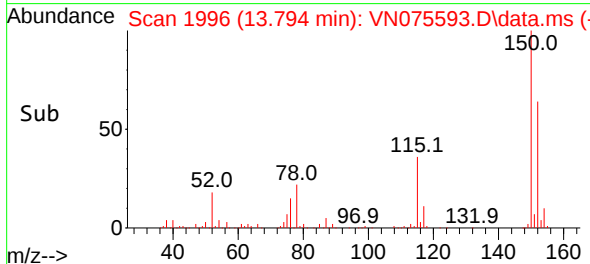
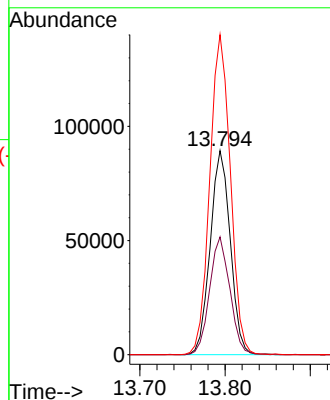
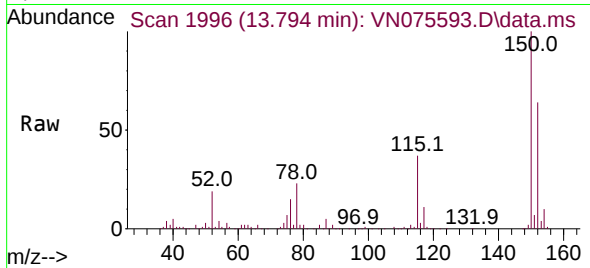




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

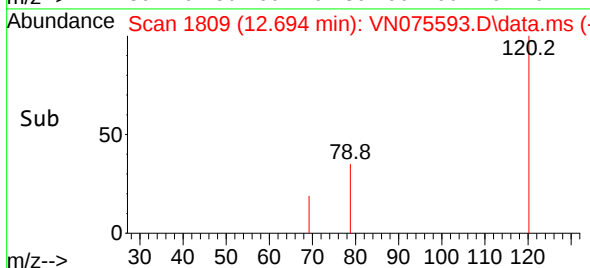
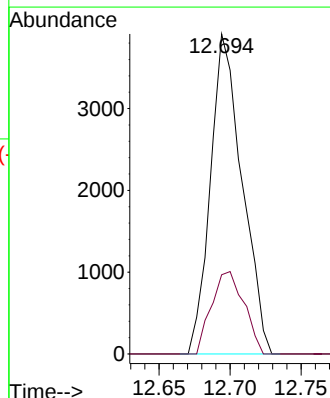
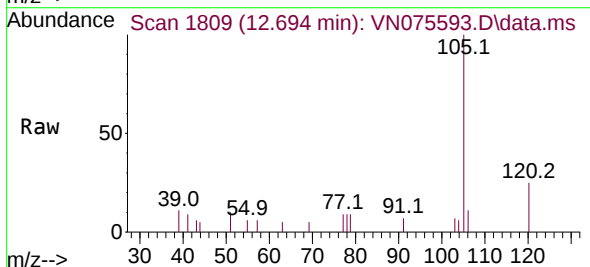
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

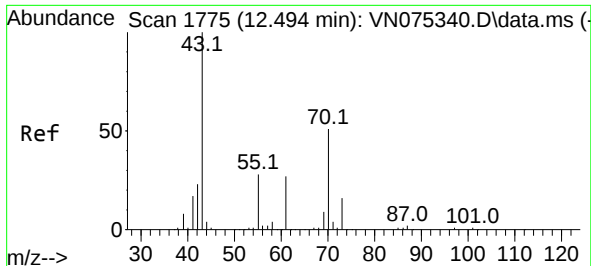
Tgt Ion:152 Resp: 146090
Ion Ratio Lower Upper
152 100
115 58.3 30.2 90.6
150 160.8 0.0 348.4



#73
Isopropylbenzene
Concen: 0.568 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion:105 Resp: 6067
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

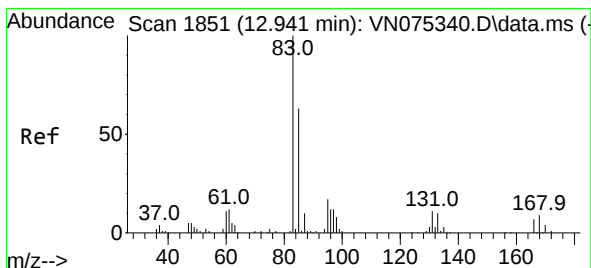
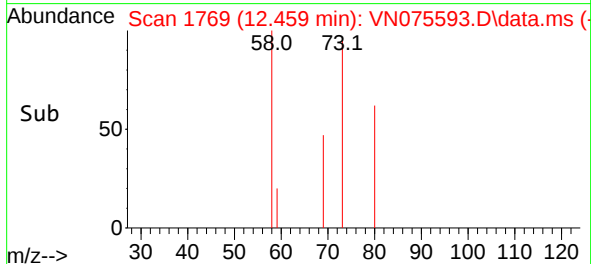
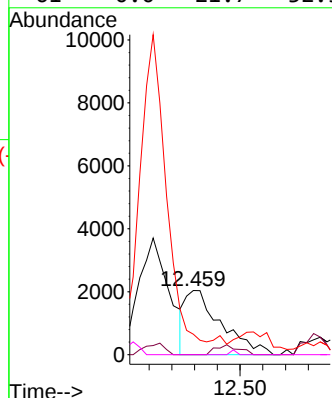
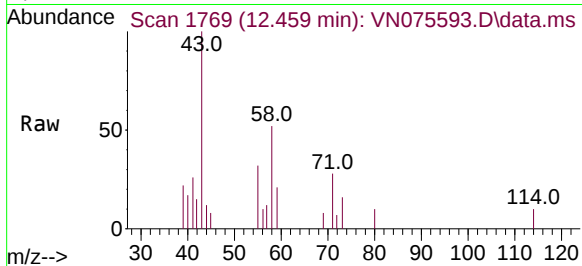




#74
N-amy1 acetate
Concen: 1.368 ug/l
RT: 12.459 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

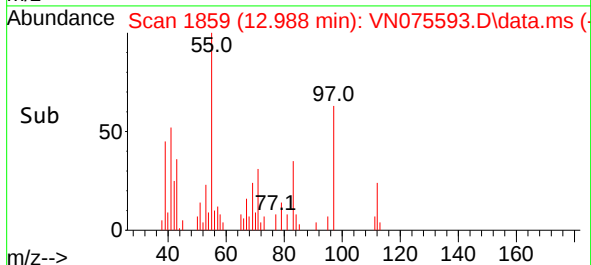
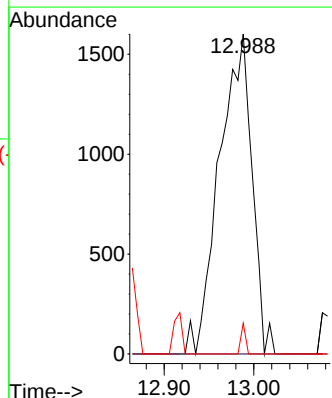
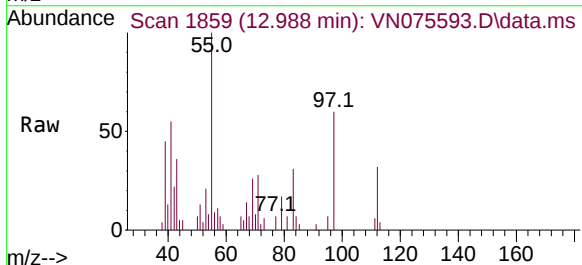
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

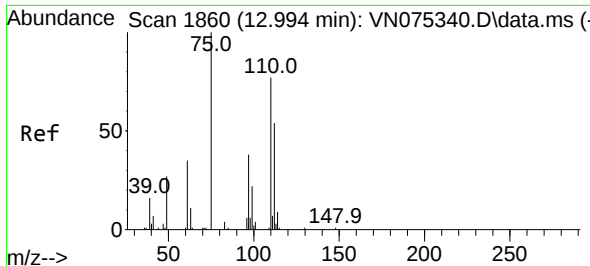
Tgt Ion:	43	Resp:	4488
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.8	59.8#
55	0.0	19.9	29.9#
61	0.0	21.7	32.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.238 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.047 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion:	83	Resp:	4030
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	31.6	94.7#

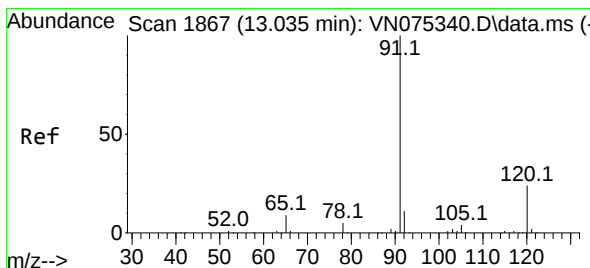
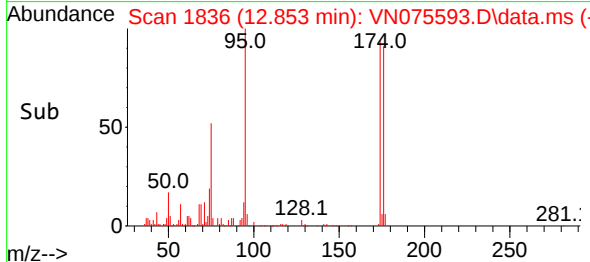
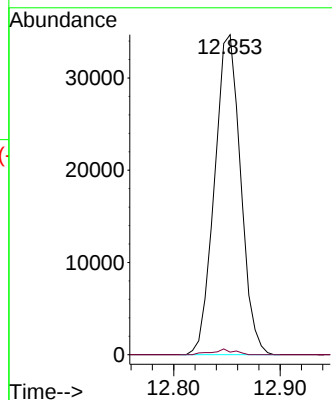
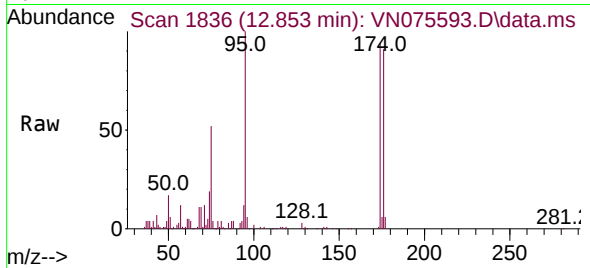




#76
1,2,3-Trichloropropane
Concen: 21.373 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

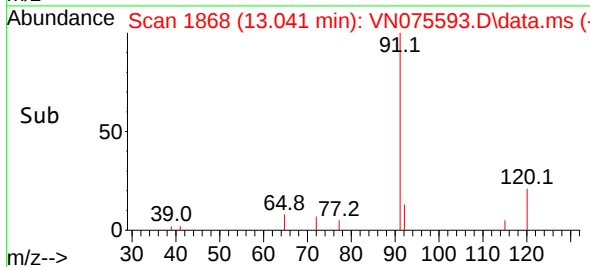
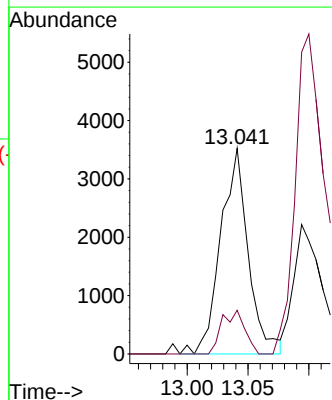
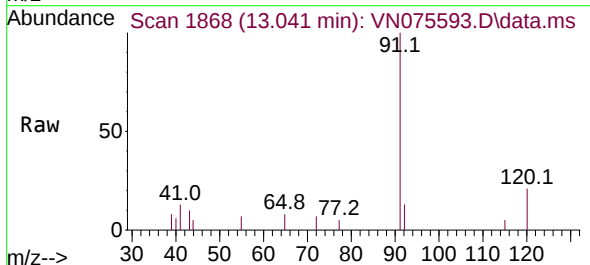
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

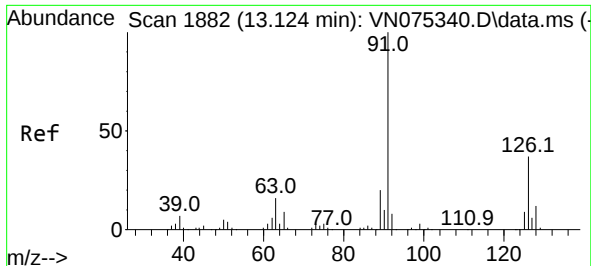
Tgt Ion: 75 Resp: 59037
Ion Ratio Lower Upper
75 100
77 1.4 75.6 226.8#



#78
n-propylbenzene
Concen: 0.466 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 91 Resp: 5555
Ion Ratio Lower Upper
91 100
120 17.7 11.9 35.5

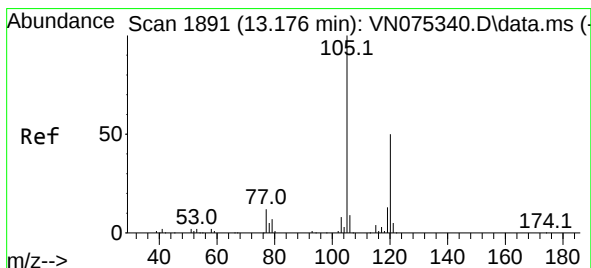
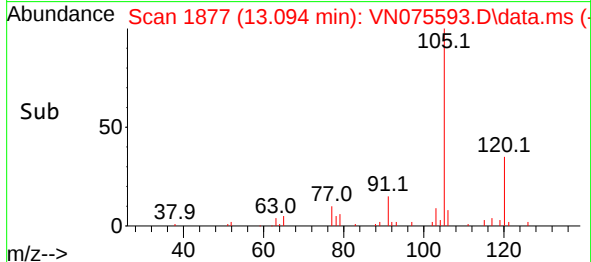
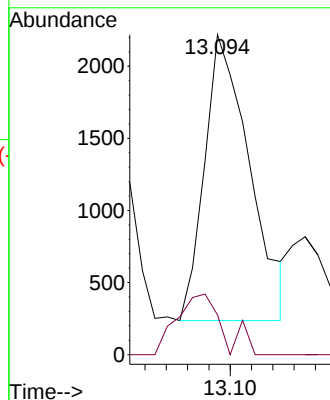
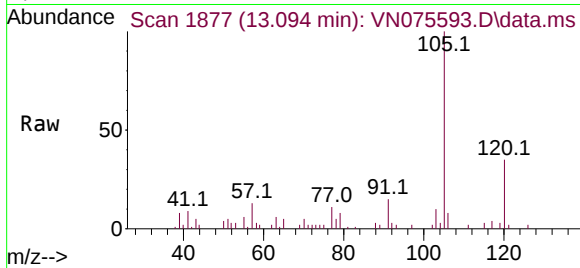




#79
2-Chlorotoluene
Concen: 0.405 ug/l
RT: 13.094 min Scan# 1882
Delta R.T. -0.030 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

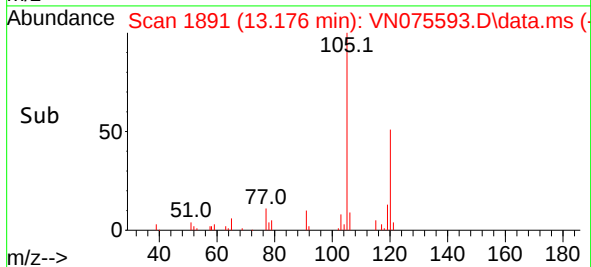
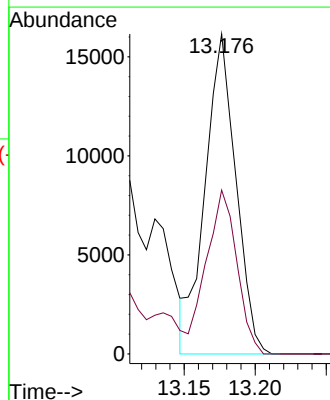
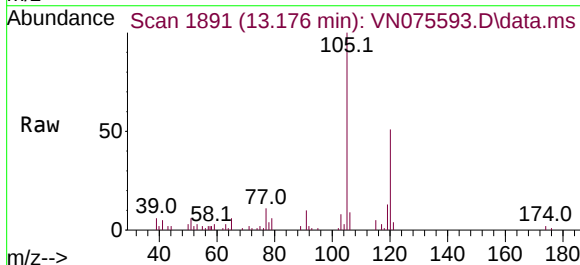
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

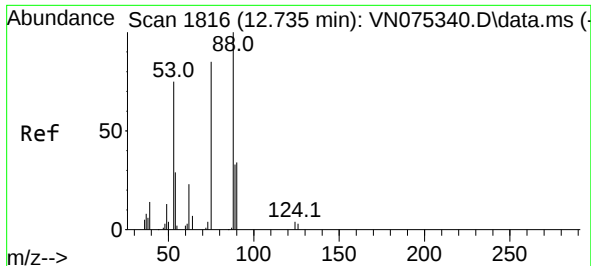
Tgt Ion: 91 Resp: 2907
Ion Ratio Lower Upper
91 100
126 21.7 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 2.737 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 105 Resp: 24272
Ion Ratio Lower Upper
105 100
120 50.3 24.7 74.1

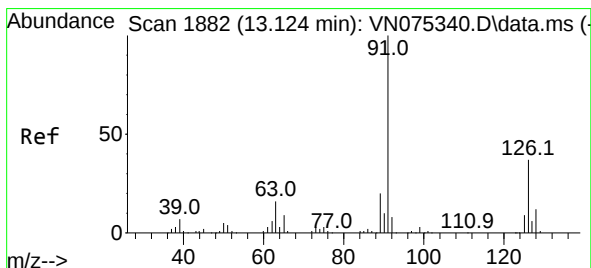
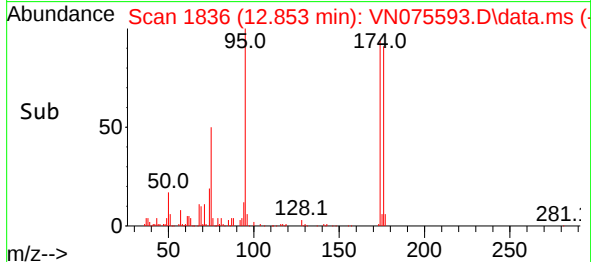
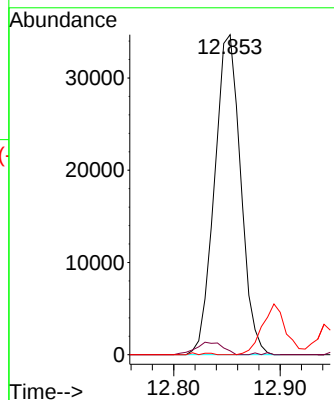
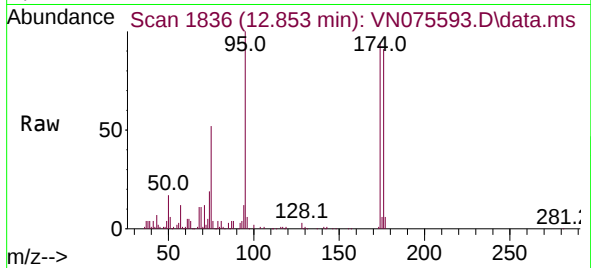




#81
trans-1,4-Dichloro-2-butene
Concen: 63.239 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

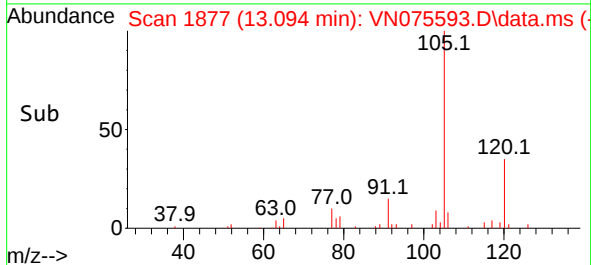
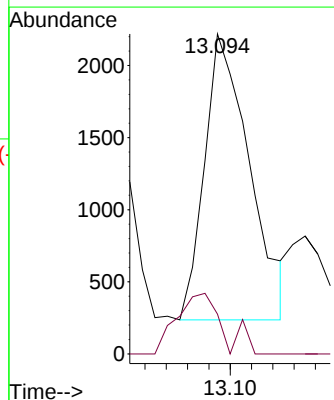
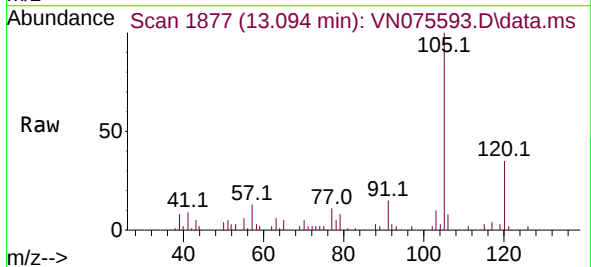
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

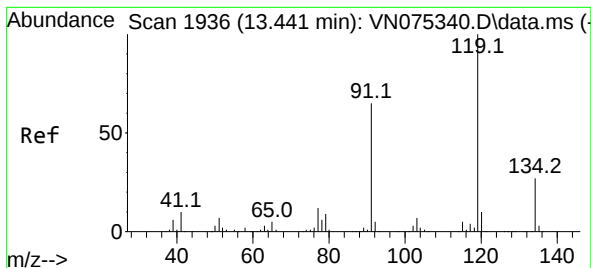
Tgt Ion: 75 Resp: 59037
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.405 ug/l
RT: 13.094 min Scan# 1877
Delta R.T. -0.030 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 91 Resp: 2907
Ion Ratio Lower Upper
91 100
126 21.7 16.9 50.7





#83

tert-Butylbenzene

Concen: 0.849 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.041 min

Lab File: VN075593.D

Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

MORR-12-02-SIL

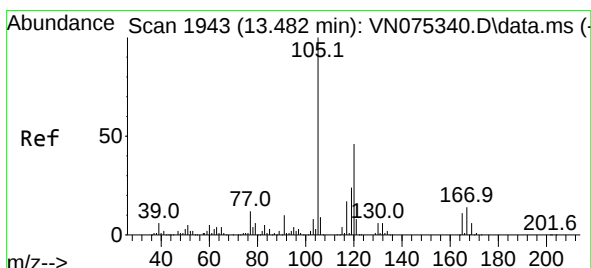
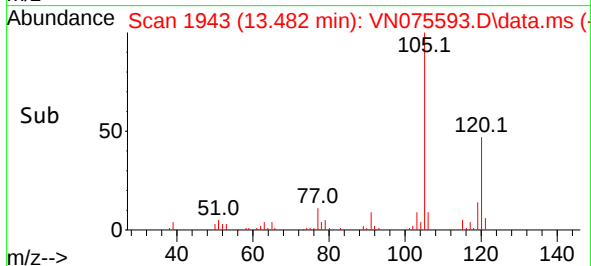
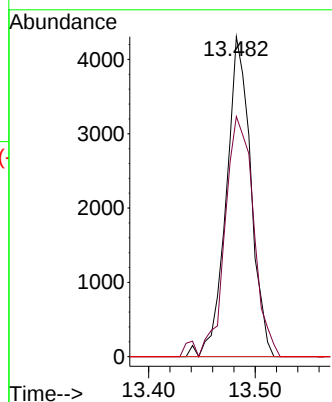
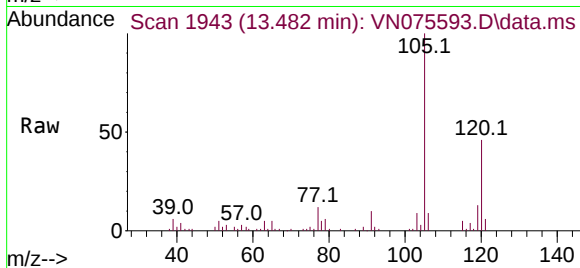
Tgt Ion:119 Resp: 6864

Ion Ratio Lower Upper

119 100

91 87.0 32.8 98.4

134 0.0 12.3 36.9#



#84

1,2,4-Trimethylbenzene

Concen: 6.218 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075593.D

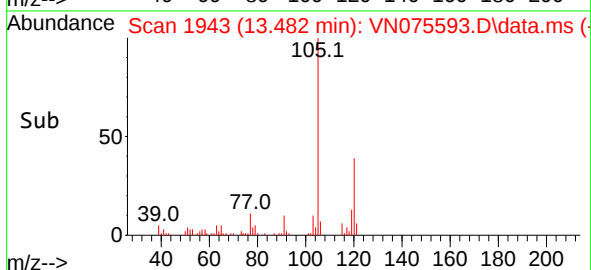
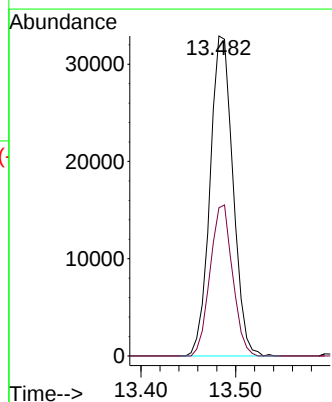
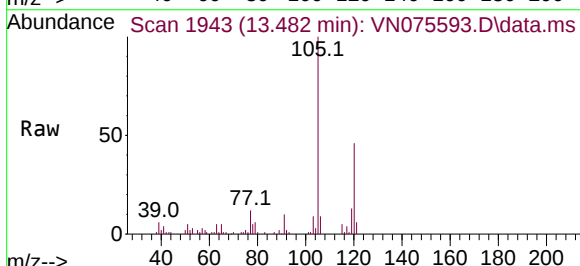
Acq: 06 Dec 2022 18:38

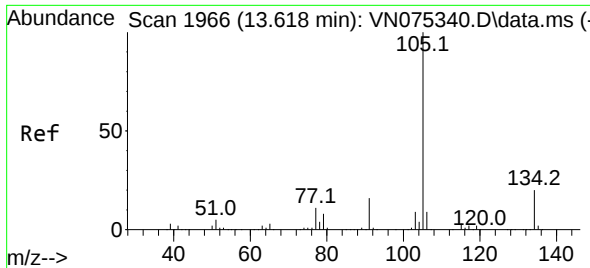
Tgt Ion:105 Resp: 55303

Ion Ratio Lower Upper

105 100

120 46.2 22.7 68.1

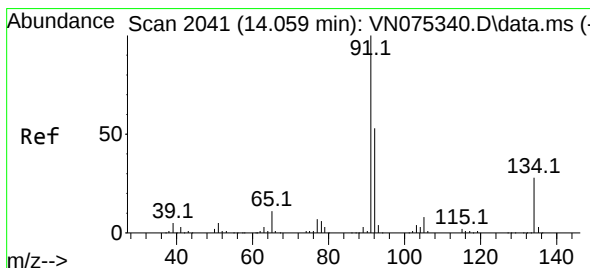
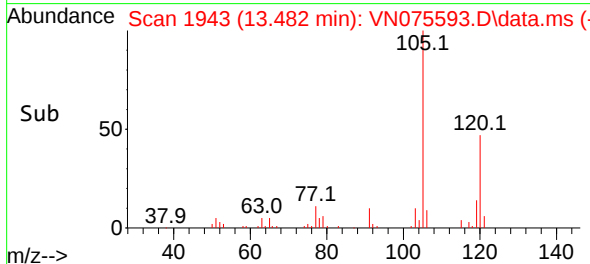
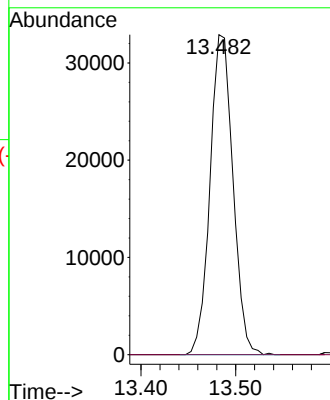
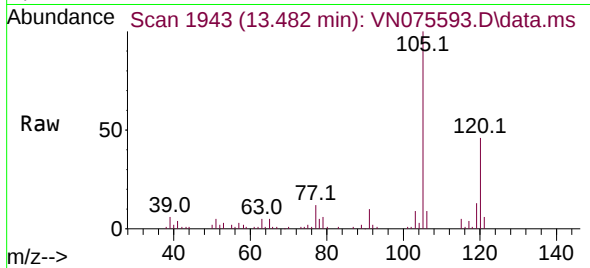




#85
 sec-Butylbenzene
 Concen: 5.041 ug/l
 RT: 13.482 min Scan# 1966
 Delta R.T. -0.136 min
 Lab File: VN075593.D
 Acq: 06 Dec 2022 18:38

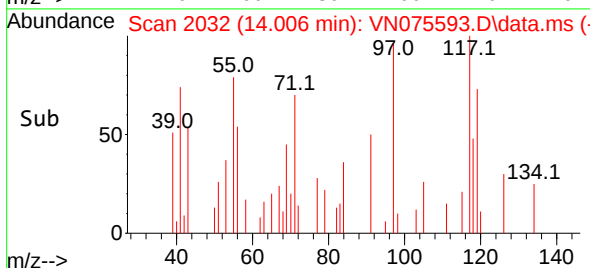
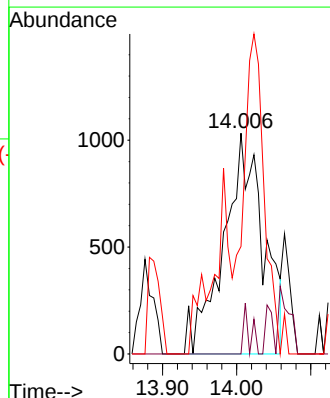
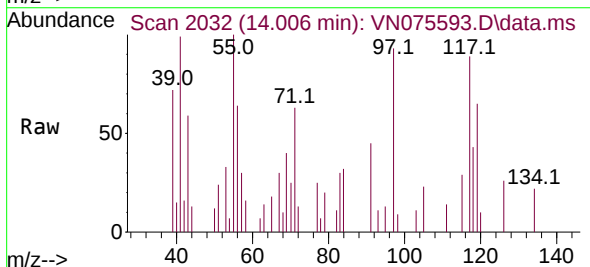
Instrument :
 MSVOA_N
 ClientSampleId :
 MORR-12-02-SIL

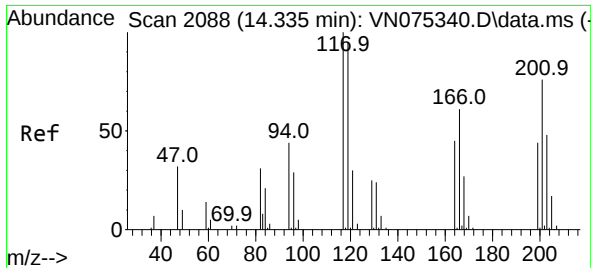
Tgt Ion:105 Resp: 55303
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#



#89
 n-Butylbenzene
 Concen: 0.489 ug/l
 RT: 14.006 min Scan# 2032
 Delta R.T. -0.053 min
 Lab File: VN075593.D
 Acq: 06 Dec 2022 18:38

Tgt Ion: 91 Resp: 3815
 Ion Ratio Lower Upper
 91 100
 92 3.7 26.5 79.4#
 134 76.5 13.0 39.0#

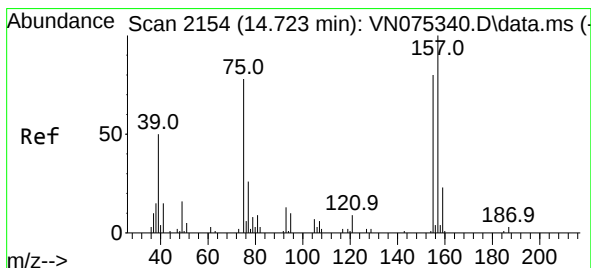
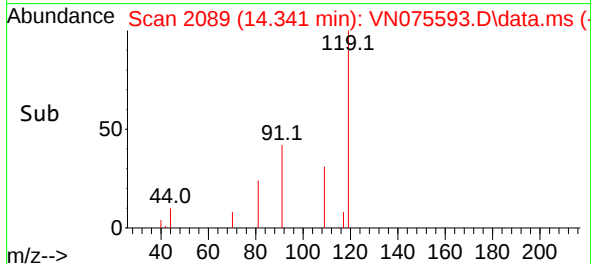
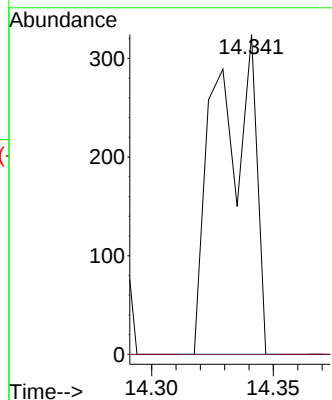
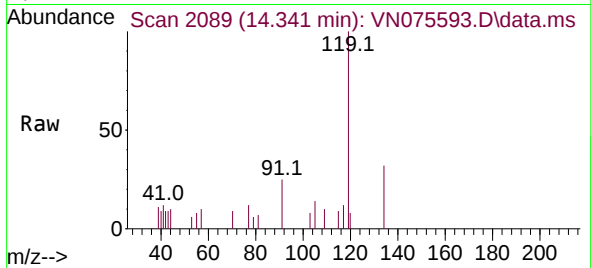




#90
Hexachloroethane
Concen: 0.226 ug/l
RT: 14.341 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

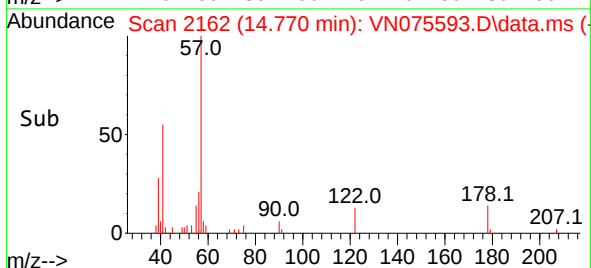
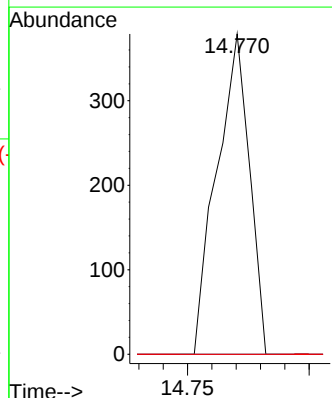
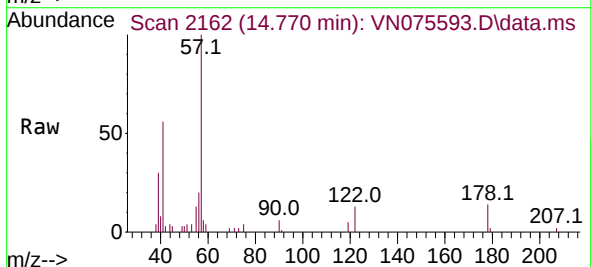
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

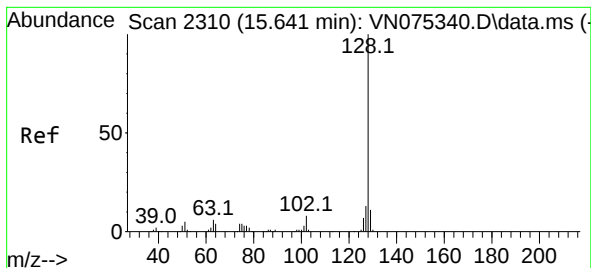
Tgt Ion:117 Resp: 360
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.573 ug/l
RT: 14.770 min Scan# 2162
Delta R.T. 0.047 min
Lab File: VN075593.D
Acq: 06 Dec 2022 18:38

Tgt Ion: 75 Resp: 353
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 0.0 51.7 155.1#





#95

Naphthalene

Concen: 0.637 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075593.D

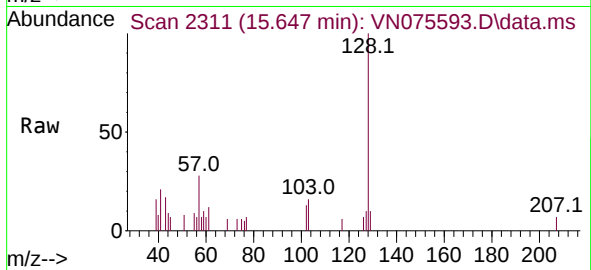
Acq: 06 Dec 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

MORR-12-02-SIL



Tgt Ion:128 Resp: 5001

Ion Ratio Lower Upper

128 100

127 11.8 10.4 15.6

129 11.4 8.6 12.8

