

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074946.D
 Acq On : 20 Oct 2022 16:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 21 04:19:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 04:14:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	804647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1511233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1527031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	777488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	540011	25.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	50.520%#
35) Dibromofluoromethane	8.171	113	499211	27.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	55.500%#
50) Toluene-d8	10.571	98	1733890	25.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	50.240%#
62) 4-Bromofluorobenzene	12.853	95	797844	32.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	65.540%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	3520	0.280	ug/l	81
3) Chloromethane	2.377	50	5918	Below Cal		100
4) Vinyl Chloride	2.536	62	3788	Below Cal	#	78
5) Bromomethane	2.948	94	10067	Below Cal		99
6) Chloroethane	3.112	64	6156	Below Cal	#	60
7) Trichlorofluoromethane	3.500	101	5582	Below Cal	#	61
9) 1,1,2-Trichlorotrifluo...	4.383	101	2711	Below Cal	#	51
11) Tert butyl alcohol	5.512	59	7037	1.557	ug/l	# 75
12) 1,1-Dichloroethene	4.342	96	2210	Below Cal	#	33
13) Acrolein	4.189	56	3549	Below Cal		90
15) Acrylonitrile	5.730	53	9309	1.018	ug/l	# 17
16) Acetone	4.453	43	9498	Below Cal	#	75
17) Carbon Disulfide	4.724	76	19325	Below Cal		99
18) Methyl Acetate	5.059	43	10265	0.378	ug/l	# 64
20) Methylene Chloride	5.294	84	7271	Below Cal	#	60
21) trans-1,2-Dichloroethene	5.789	96	3159	Below Cal	#	48
25) 2-Butanone	7.506	43	7270	0.558	ug/l	90
27) cis-1,2-Dichloroethene	7.500	96	3853	0.215	ug/l	88
29) Tetrahydrofuran	7.871	42	4767	0.593	ug/l	# 79
31) Cyclohexane	8.230	56	21466	0.983	ug/l	# 20
36) 1,1-Dichloropropene	8.377	75	6722	0.297	ug/l	# 74
38) Carbon Tetrachloride	8.230	117	94257	3.822	ug/l	# 16
39) Methylcyclohexane	9.606	83	5444	0.203	ug/l	# 79
44) Trichloroethene	9.353	130	4680	0.273	ug/l	97
46) Dibromomethane	9.724	93	2671	0.203	ug/l	93
49) 1,4-Dioxane	9.700	88	1683	3.218	ug/l	# 61
51) 4-Methyl-2-Pentanone	10.453	43	7155	0.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	2999	3.837	ug/l	# 88
59) 2-Hexanone	11.194	43	13913	0.669	ug/l	100
65) Chlorobenzene	11.894	112	11088	0.240	ug/l	# 74
68) m/p-Xylenes	12.076	106	12376	0.387	ug/l	98
70) Styrene	12.406	104	11174	0.220	ug/l	97
74) N-amyl acetate	12.500	43	7666	0.300	ug/l	# 86
76) 1,2,3-Trichloropropane	12.853	75	428911	20.342	ug/l	# 1
77) Bromobenzene	12.982	156	5756	0.395	ug/l	89
78) n-propylbenzene	13.035	91	22118	0.298	ug/l	96

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

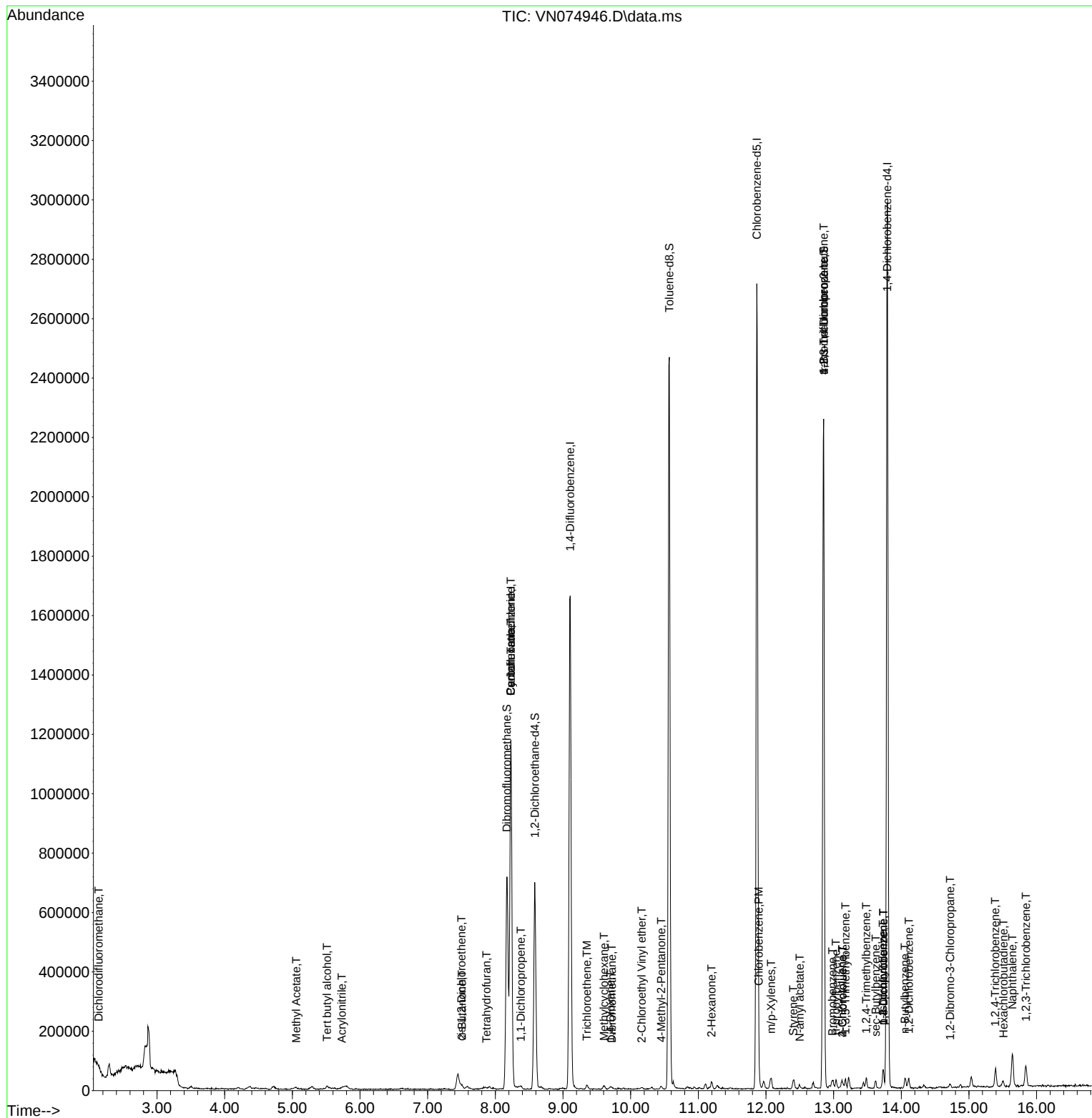
79) 2-Chlorotoluene	13.129	91	15181	0.330	ug/l	78
80) 1,3,5-Trimethylbenzene	13.176	105	12490	0.228	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	428911	65.222	ug/l #	10
82) 4-Chlorotoluene	13.129	91	15181	0.330	ug/l	78
84) 1,2,4-Trimethylbenzene	13.482	105	17636	0.318	ug/l	88
85) sec-Butylbenzene	13.623	105	15271	0.224	ug/l	94
86) p-Isopropyltoluene	13.729	119	14082	0.251	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	15364	0.551	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	15364	0.544	ug/l	92
89) n-Butylbenzene	14.053	91	19317	0.403	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	13219	0.463	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3467	0.704	ug/l	60
93) 1,2,4-Trichlorobenzene	15.388	180	16918	1.361	ug/l	89
94) Hexachlorobutadiene	15.511	225	3402	0.530	ug/l	90
95) Naphthalene	15.641	128	107718	2.280	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	23226	1.857	ug/l	92

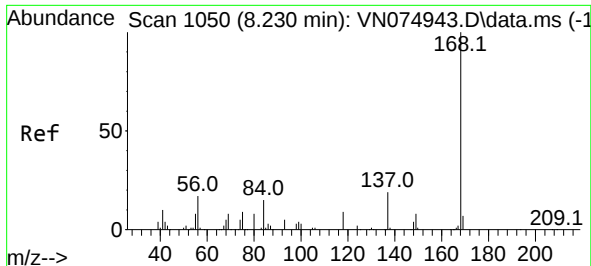
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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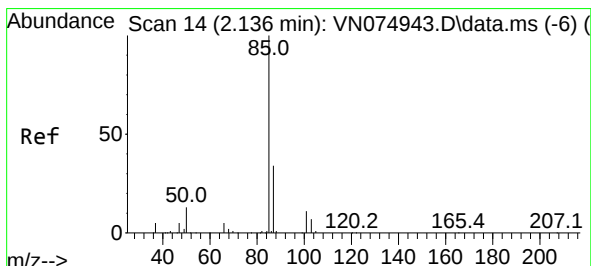
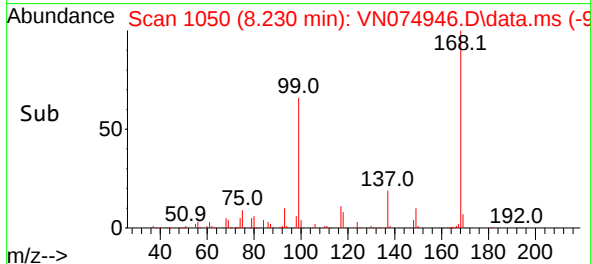
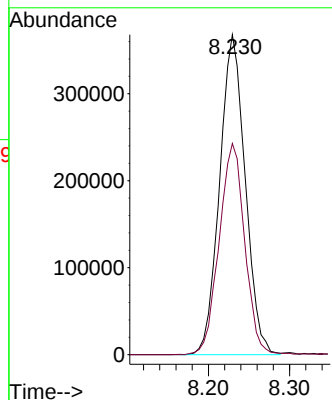
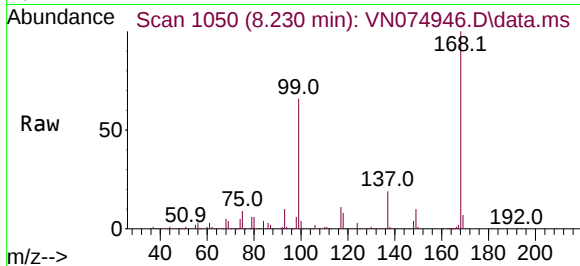




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

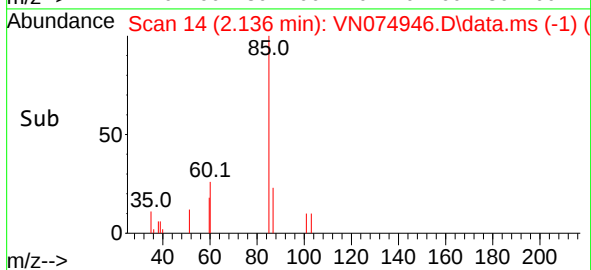
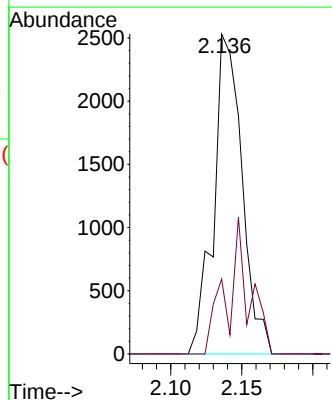
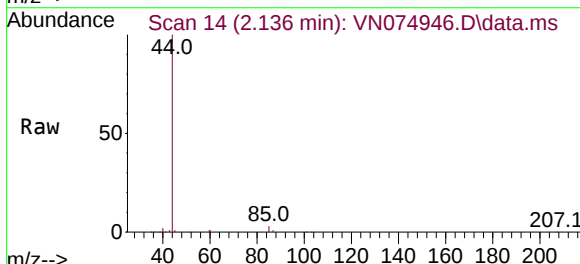
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MSVOA_N
ClientSampleId :
IBLK

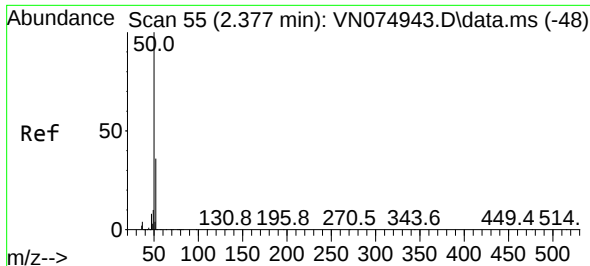
Tgt Ion:168 Resp: 804647
Ion Ratio Lower Upper
168 100
99 65.9 52.2 78.4



#2
Dichlorodifluoromethane
Concen: 0.280 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 85 Resp: 3520
Ion Ratio Lower Upper
85 100
87 23.4 17.1 51.2

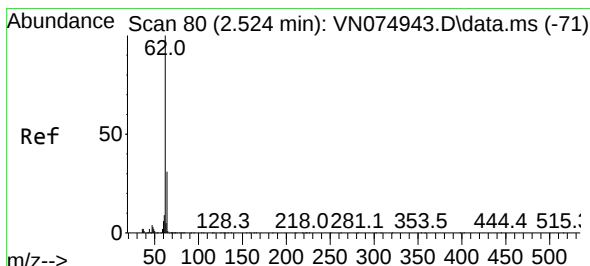
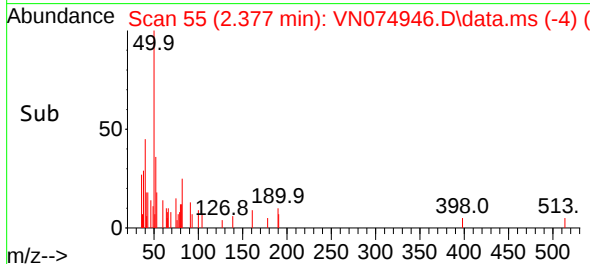
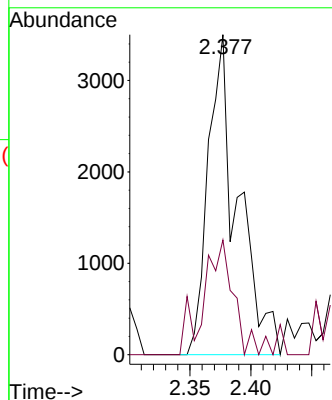
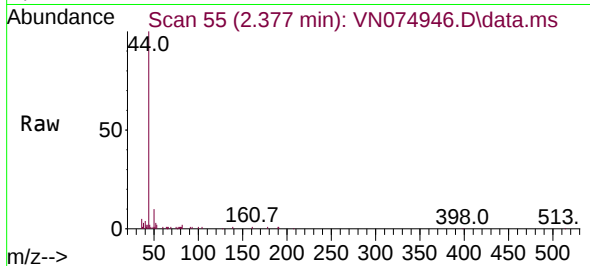




#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

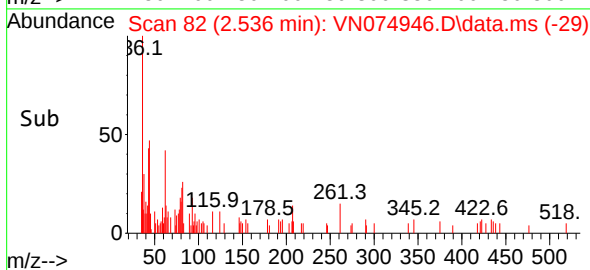
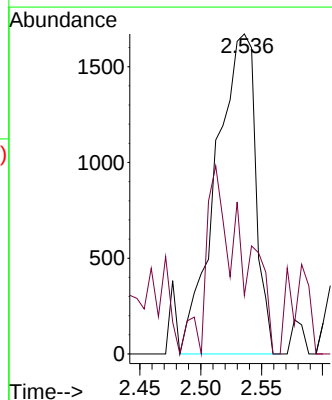
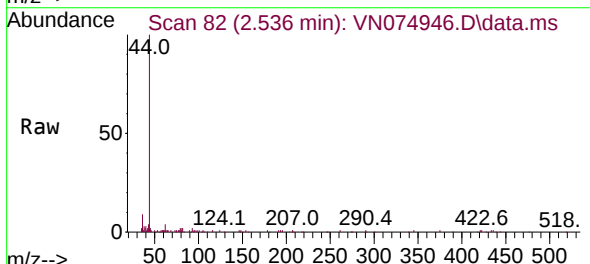
Instrument :
MSVOA_N
ClientSampleId :
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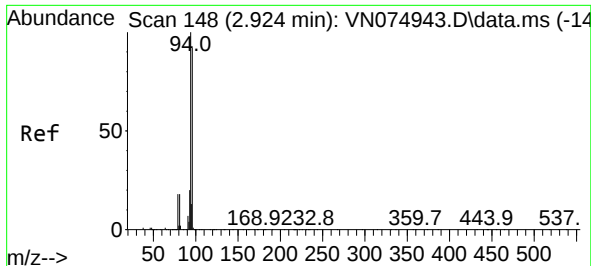
Tgt Ion: 50 Resp: 5918
Ion Ratio Lower Upper
50 100
52 35.8 28.8 43.2



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.536 min Scan# 82
Delta R.T. 0.012 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 62 Resp: 3788
Ion Ratio Lower Upper
62 100
64 18.3 24.5 36.7#

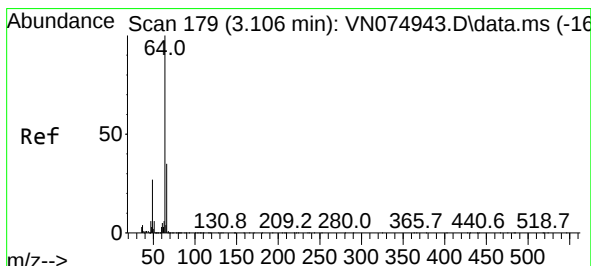
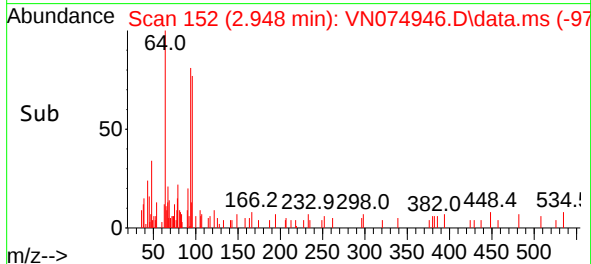
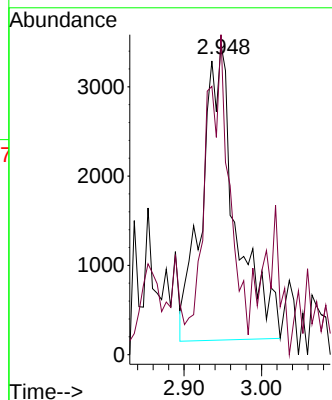
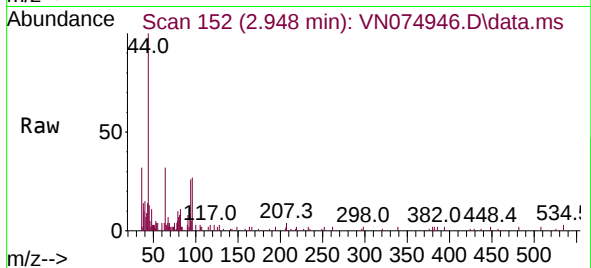




#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

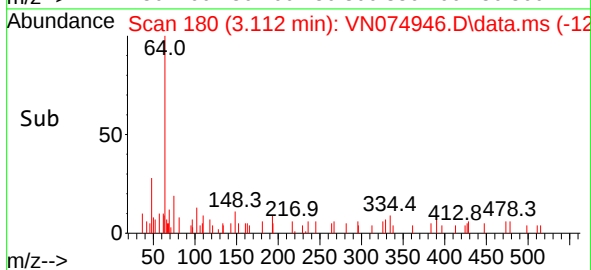
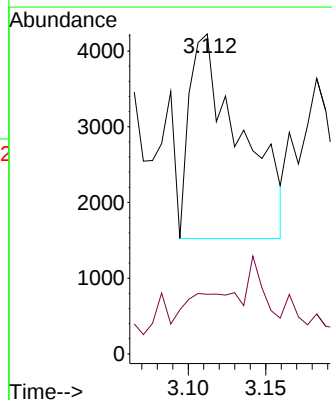
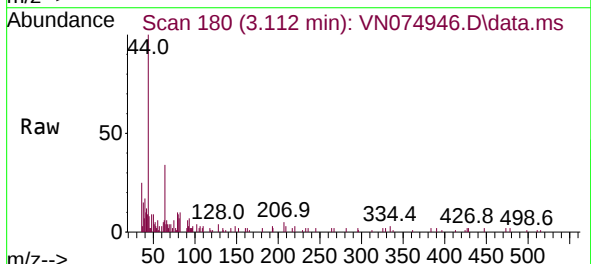
Instrument :
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ClientSampleId :
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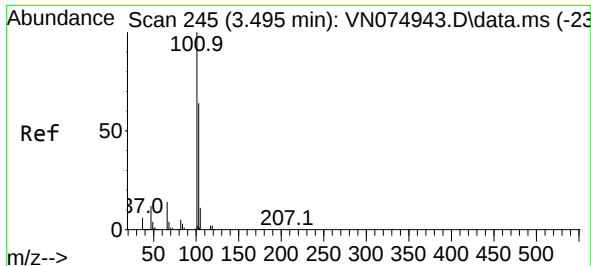
Tgt Ion: 94 Resp: 10067
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3



#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 180
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 64 Resp: 6156
Ion Ratio Lower Upper
64 100
66 11.6 27.9 41.9#

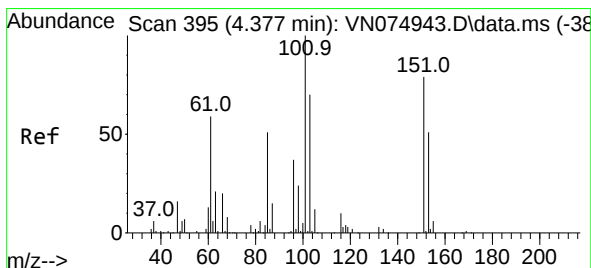
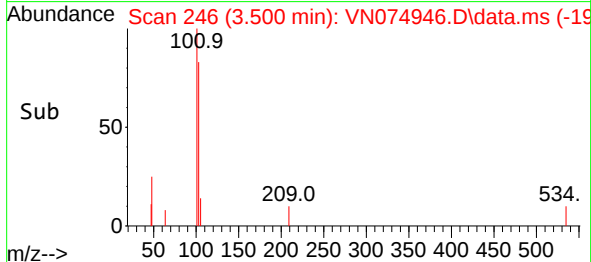
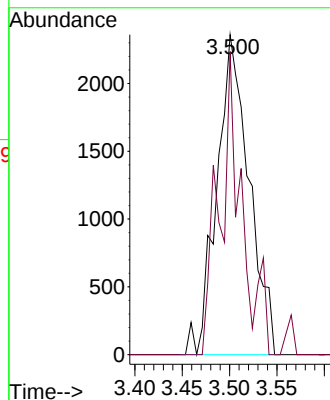
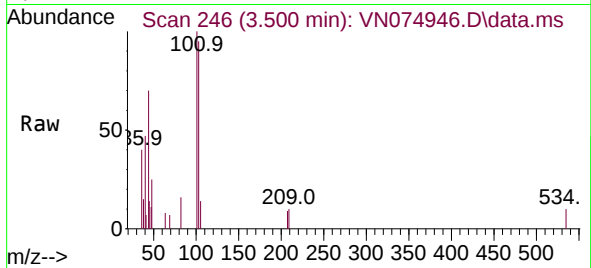




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.500 min Scan# 245
Delta R.T. 0.005 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

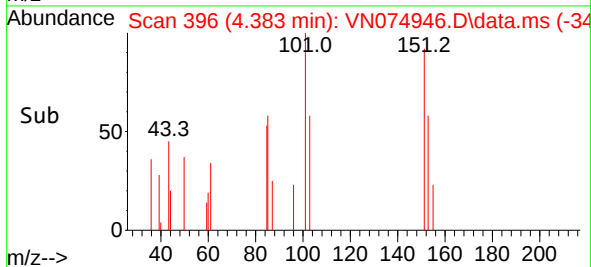
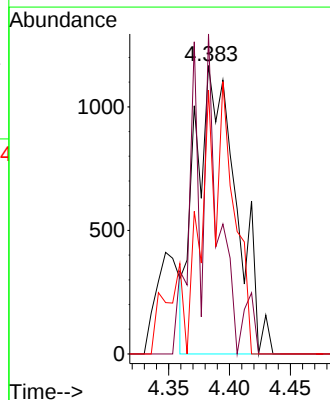
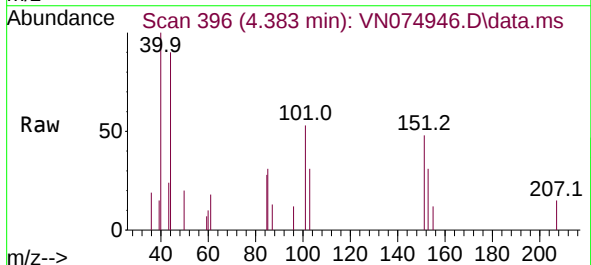
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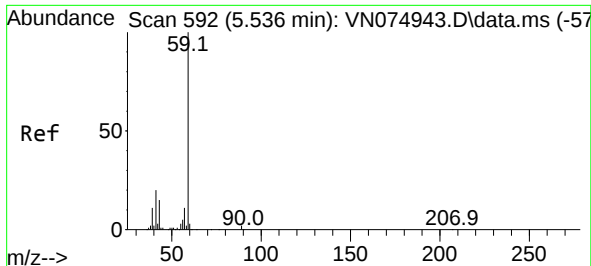
Tgt Ion:101 Resp: 5582
Ion Ratio Lower Upper
101 100
103 94.7 51.5 77.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion:101 Resp: 2711
Ion Ratio Lower Upper
101 100
85 26.4 37.8 56.8#
151 21.8 58.5 87.7#

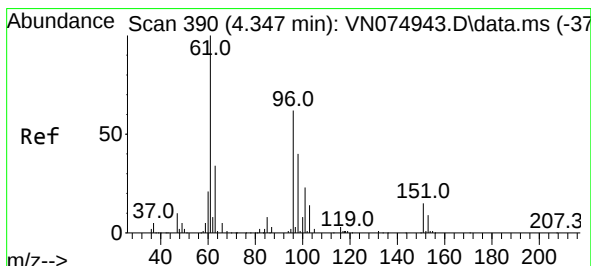
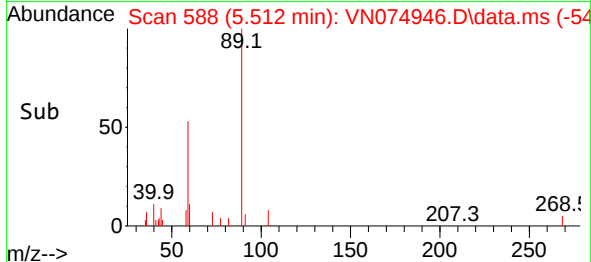
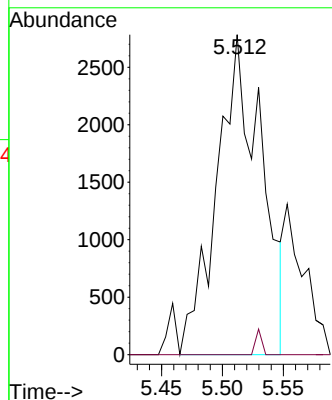
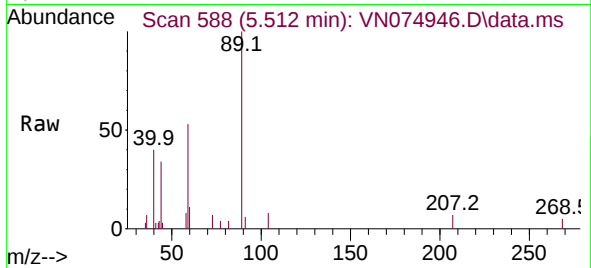




#11
Tert butyl alcohol
Concen: 1.557 ug/l
RT: 5.512 min Scan# 59
Delta R.T. -0.024 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

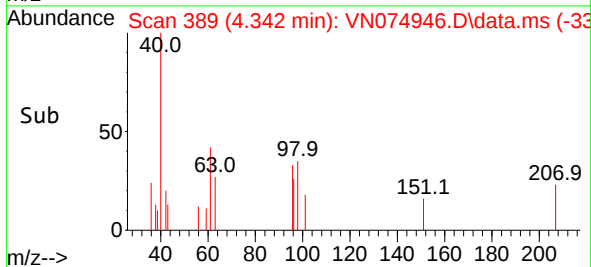
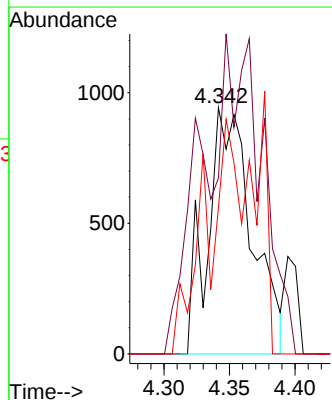
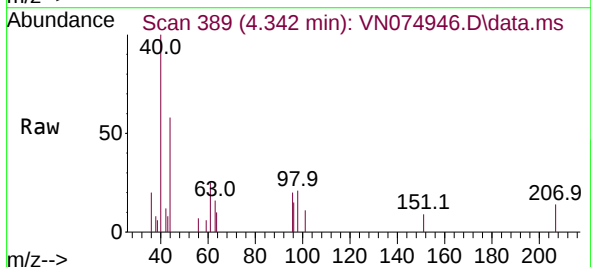
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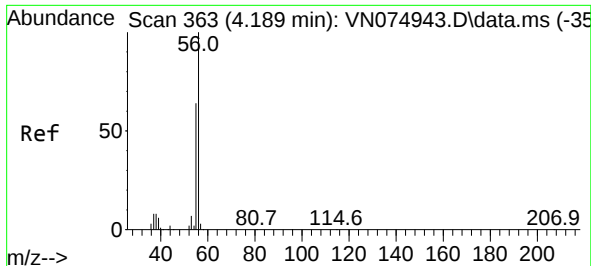
Tgt Ion: 59 Resp: 7037
Ion Ratio Lower Upper
59 100
57 1.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: Below Cal
RT: 4.342 min Scan# 389
Delta R.T. -0.005 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 96 Resp: 2210
Ion Ratio Lower Upper
96 100
61 40.1 128.9 193.3#
98 59.5 51.8 77.8





#13

Acrolein

Concen: Below Cal

RT: 4.189 min Scan# 363

Delta R.T. -0.000 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

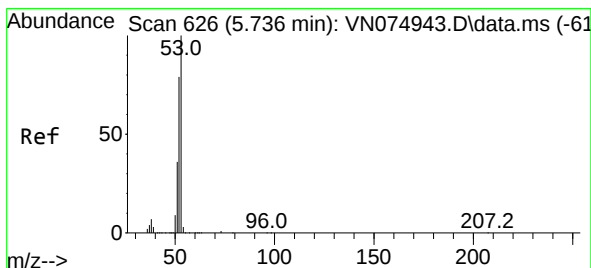
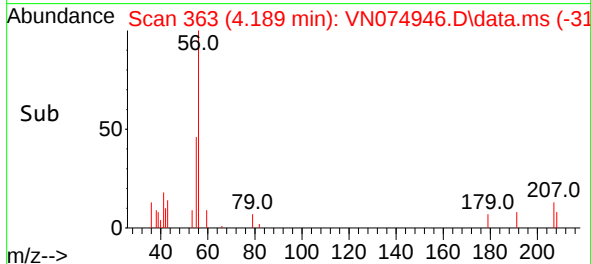
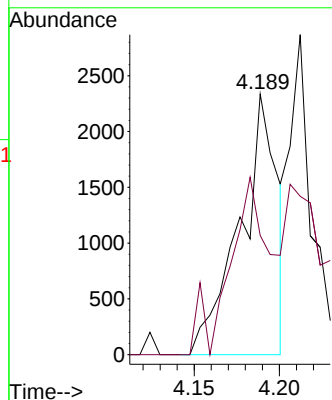
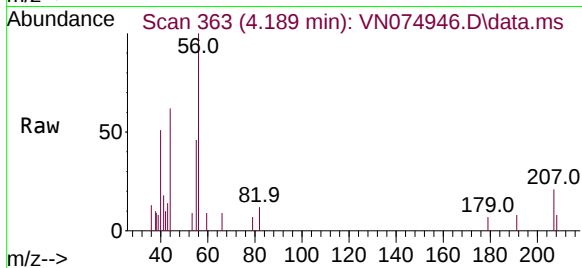
IBLK

Tgt Ion: 56 Resp: 3549

Ion Ratio Lower Upper

56 100

55 74.8 53.7 80.5



#15

Acrylonitrile

Concen: 1.018 ug/l

RT: 5.730 min Scan# 625

Delta R.T. -0.006 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

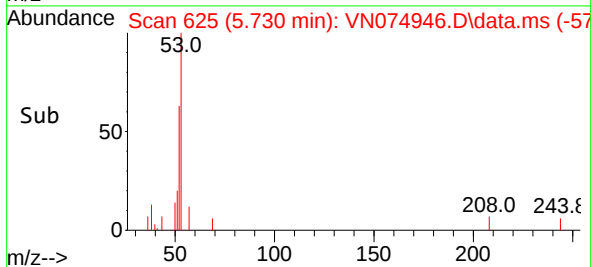
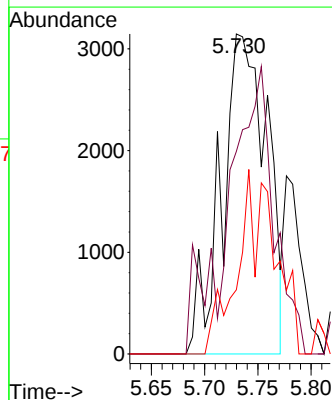
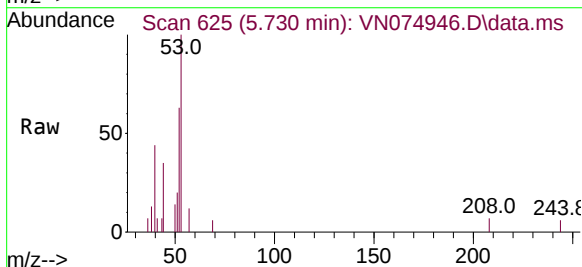
Tgt Ion: 53 Resp: 9309

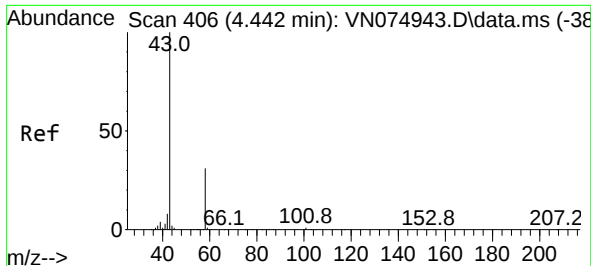
Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

51 0.0 28.8 43.2#

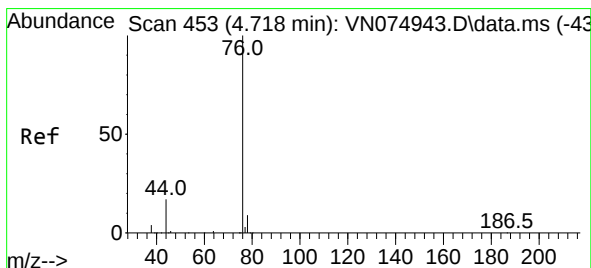
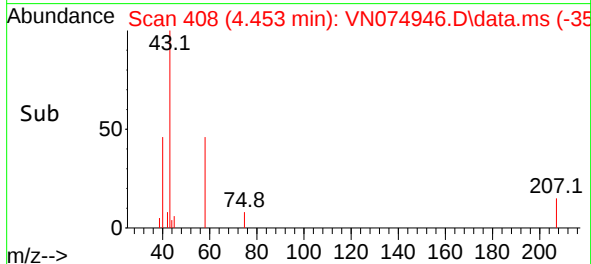
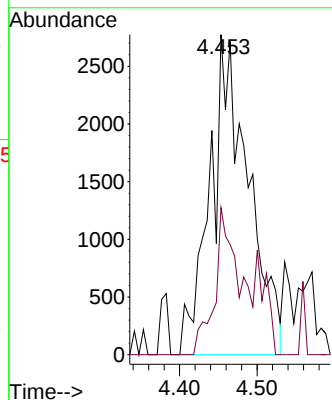
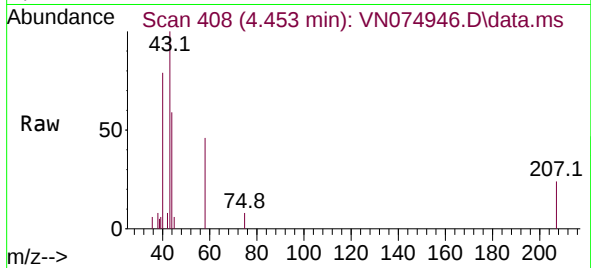




#16
Acetone
Concen: Below Cal
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

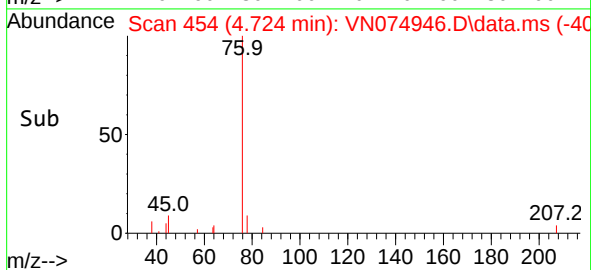
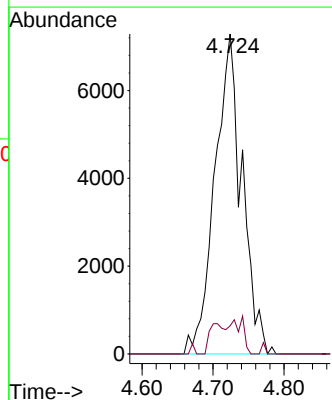
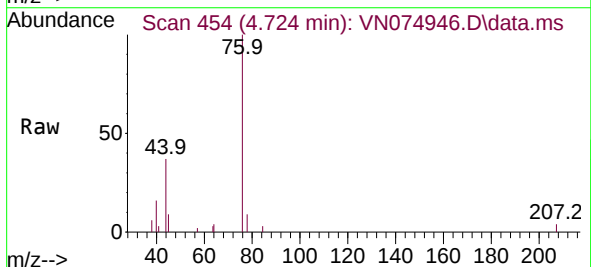
Instrument :
MSVOA_N
ClientSampleId :
IBLK

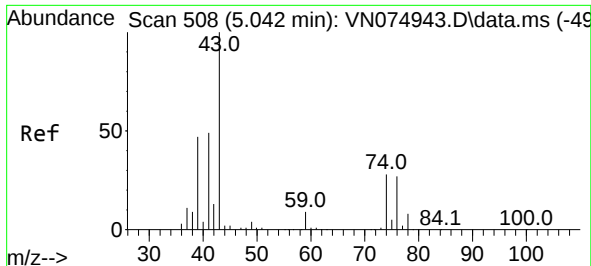
Tgt Ion: 43 Resp: 9498
Ion Ratio Lower Upper
43 100
58 46.0 25.7 38.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 76 Resp: 19325
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

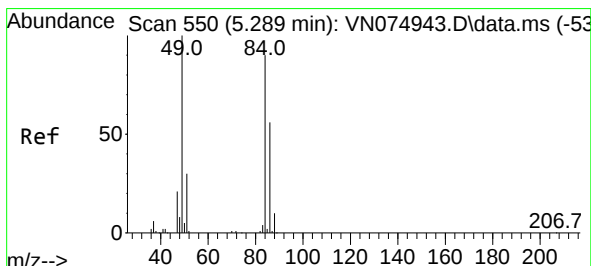
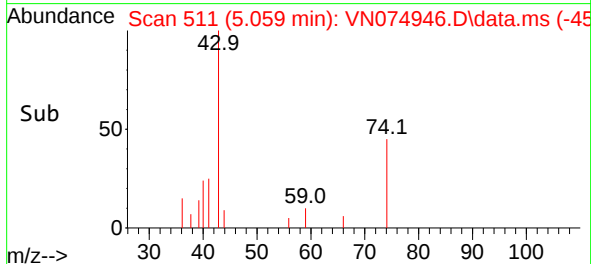
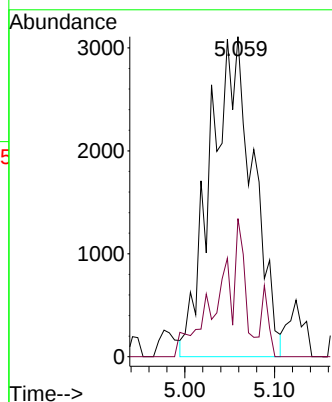
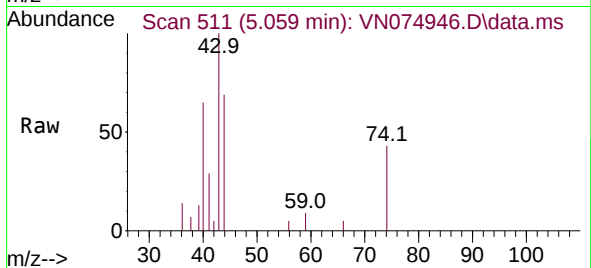




#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.018 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

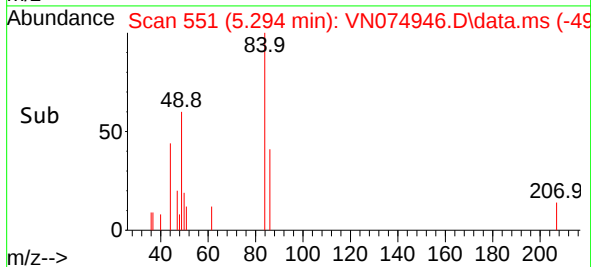
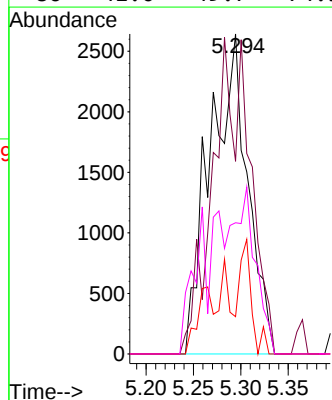
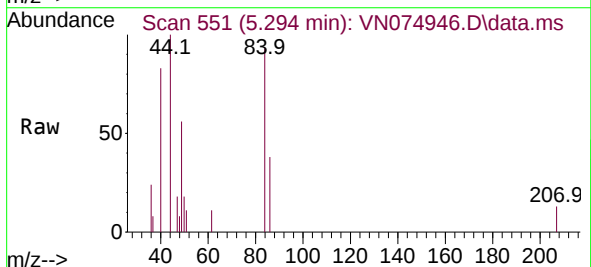
Instrument :
MSVOA_N
ClientSampleId :
IBLK

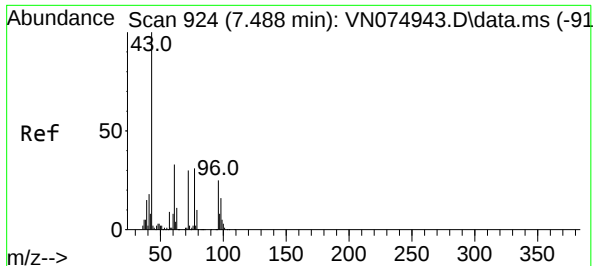
Tgt Ion: 43 Resp: 10265
Ion Ratio Lower Upper
43 100
74 9.5 23.1 34.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 84 Resp: 7271
Ion Ratio Lower Upper
84 100
49 60.2 88.6 133.0#
51 11.7 26.7 40.1#
86 41.0 49.7 74.5#

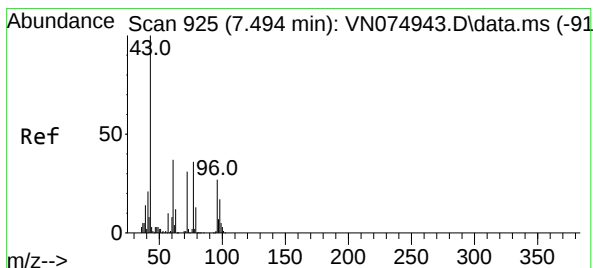
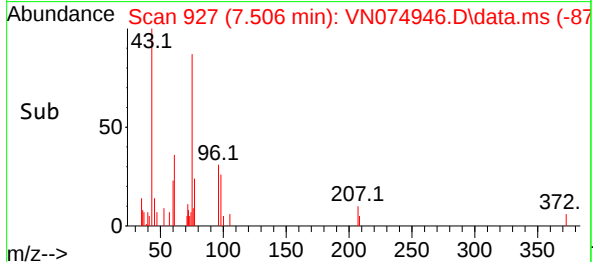
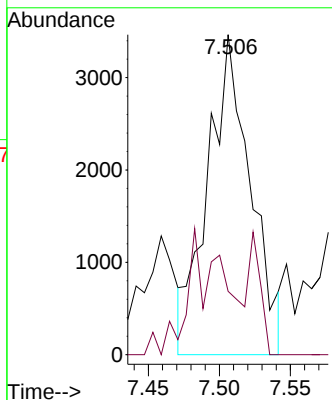
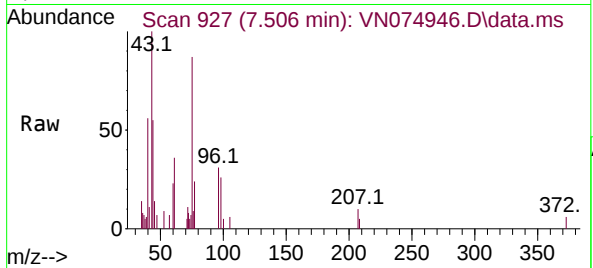




#25
2-Butanone
Concen: 0.558 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

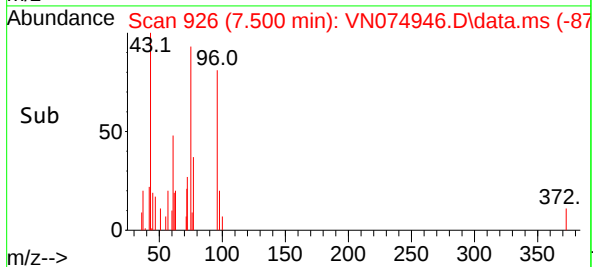
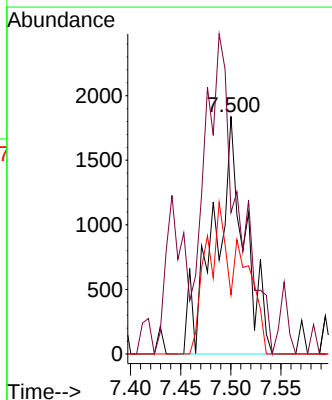
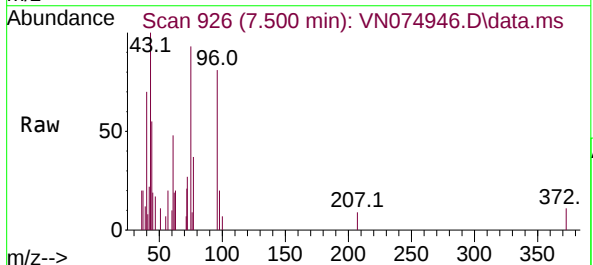
Instrument :
MSVOA_N
ClientSampleId :
IBLK

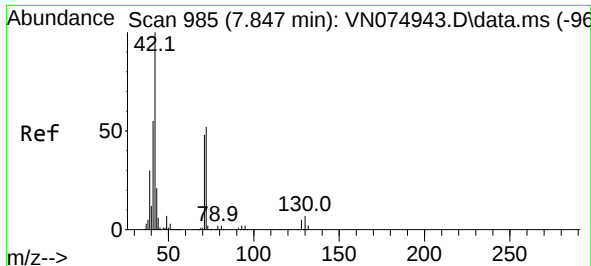
Tgt Ion: 43 Resp: 7270
Ion Ratio Lower Upper
43 100
72 24.7 23.9 35.9



#27
cis-1,2-Dichloroethene
Concen: 0.215 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 96 Resp: 3853
Ion Ratio Lower Upper
96 100
61 147.0 0.0 277.8
98 44.1 0.0 127.2





#29

Tetrahydrofuran

Concen: 0.593 ug/l

RT: 7.871 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

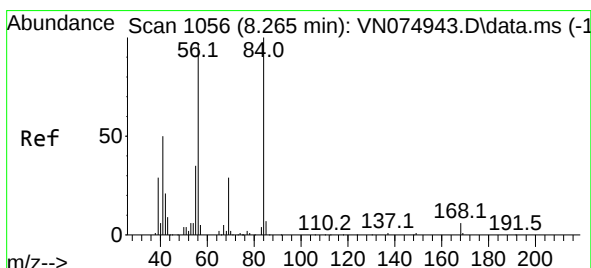
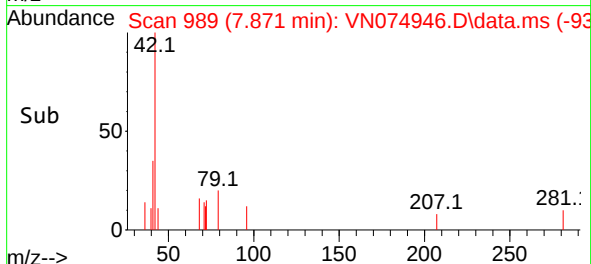
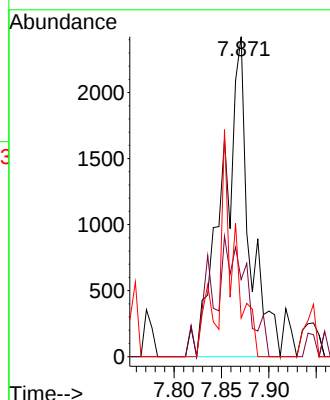
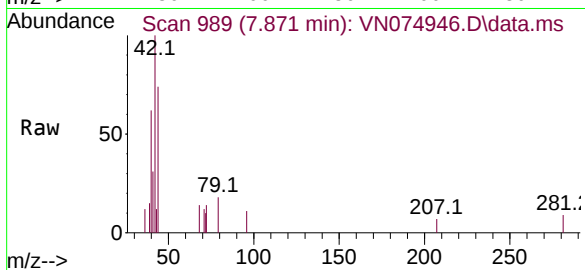
Tgt Ion: 42 Resp: 4767

Ion Ratio Lower Upper

42 100

72 32.4 42.2 63.4#

71 41.2 39.4 59.2



#31

Cyclohexane

Concen: 0.983 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

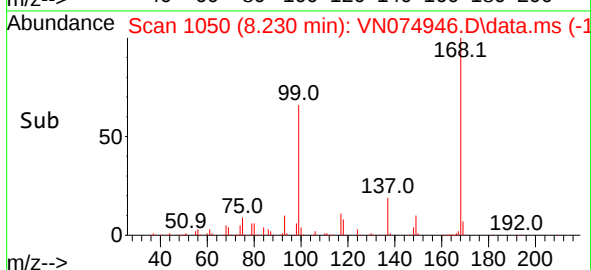
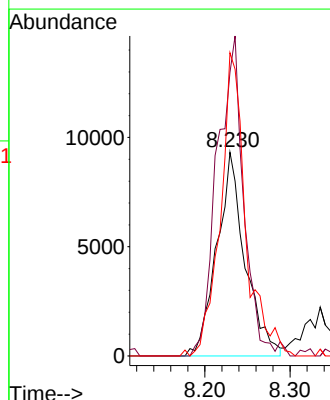
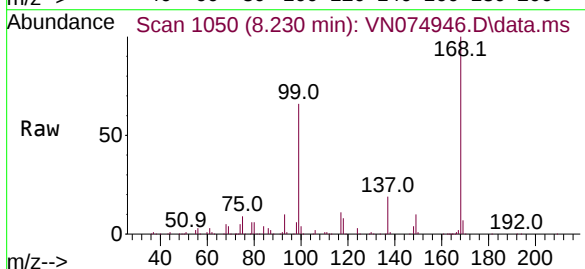
Tgt Ion: 56 Resp: 21466

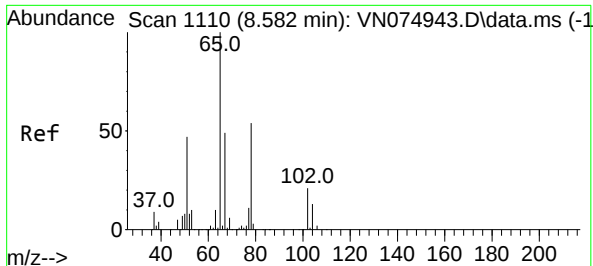
Ion Ratio Lower Upper

56 100

69 139.2 24.2 36.2#

84 148.8 82.8 124.2#





#33

1,2-Dichloroethane-d4

Concen: 25.259 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

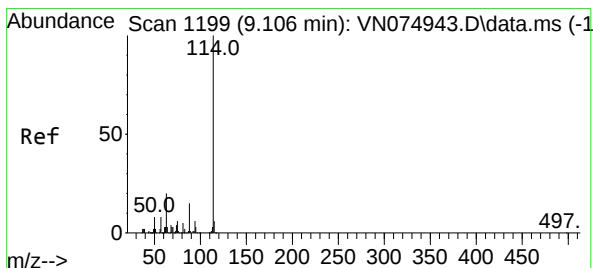
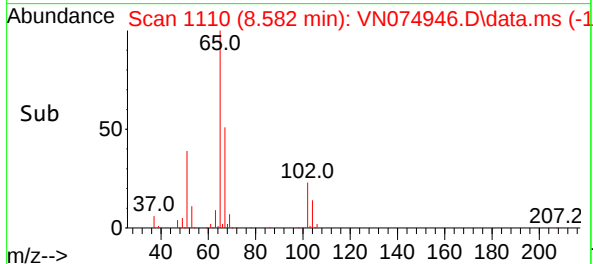
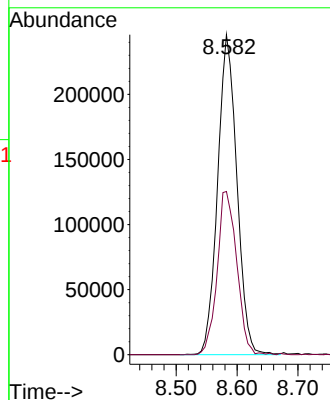
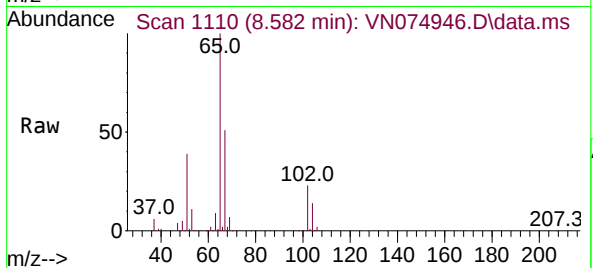
IBLK

Tgt Ion: 65 Resp: 540011

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

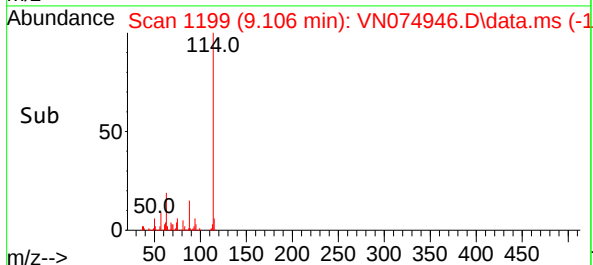
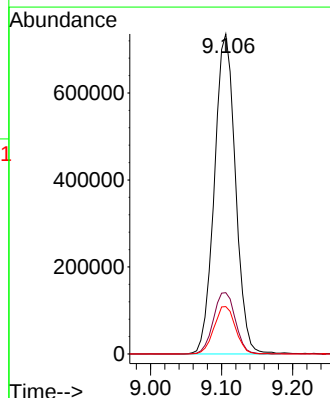
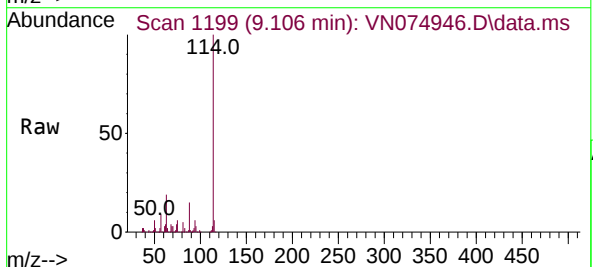
Tgt Ion: 114 Resp: 1511233

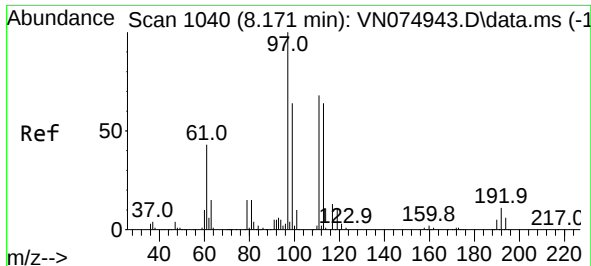
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.8

88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 27.753 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

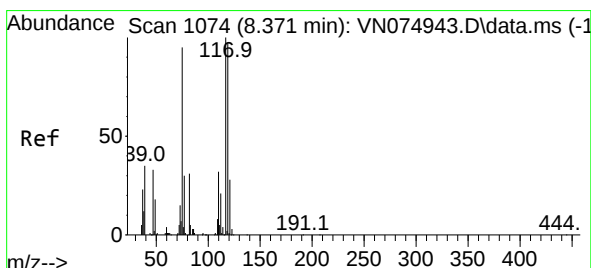
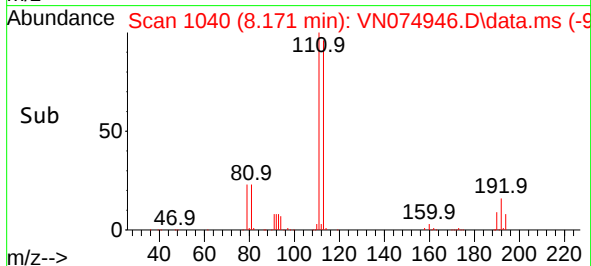
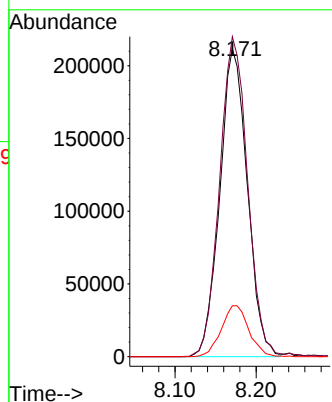
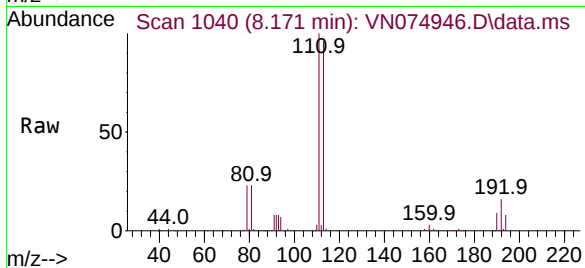
Tgt Ion:113 Resp: 499211

Ion Ratio Lower Upper

113 100

111 105.4 83.4 125.2

192 16.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 0.297 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

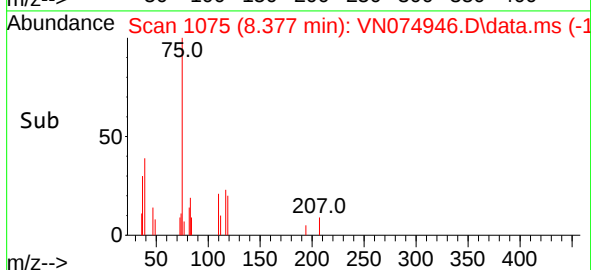
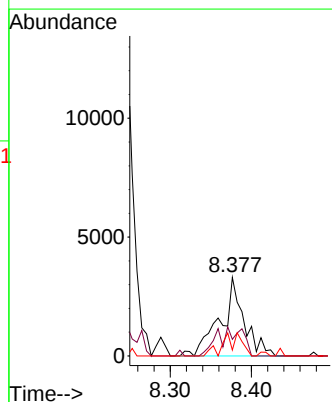
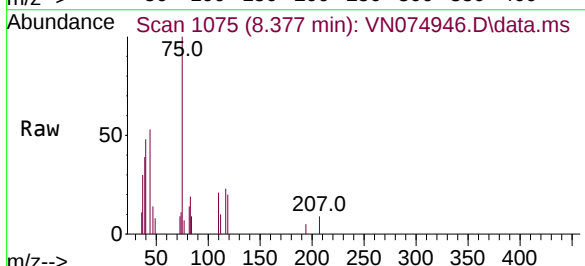
Tgt Ion: 75 Resp: 6722

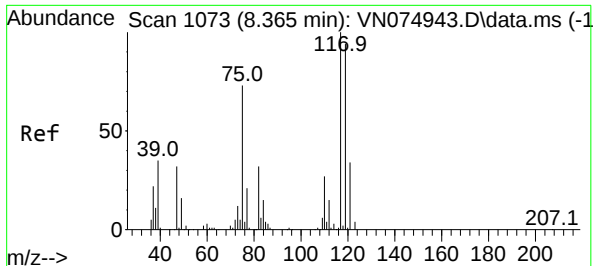
Ion Ratio Lower Upper

75 100

110 24.8 18.1 54.4

77 12.8 25.0 37.4#

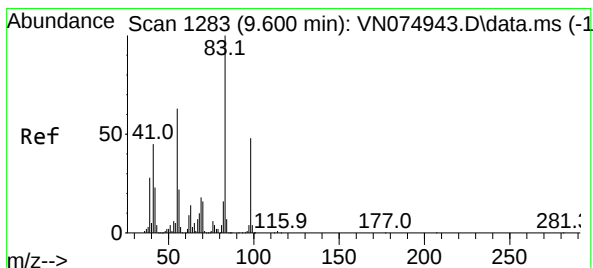
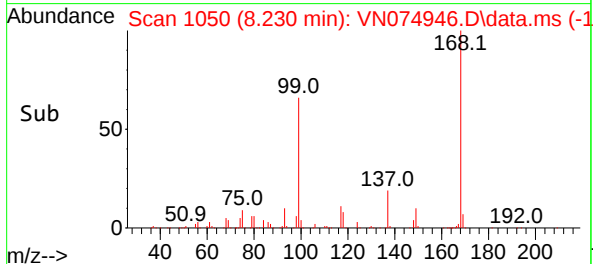
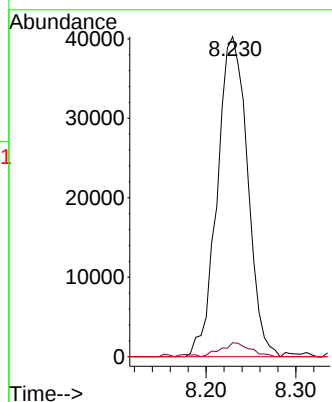
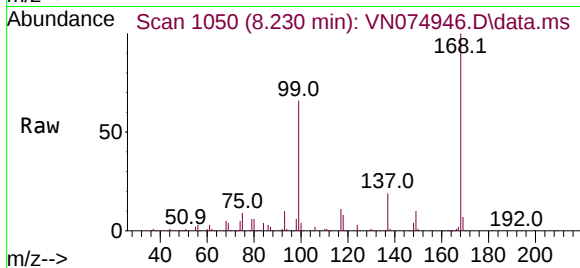




#38
Carbon Tetrachloride
Concen: 3.822 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

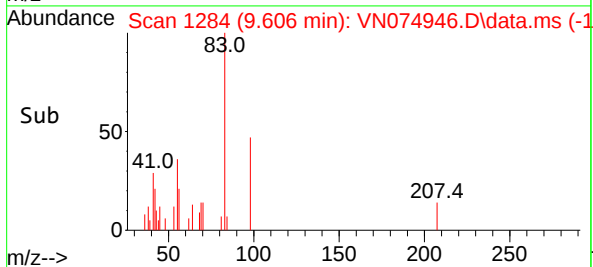
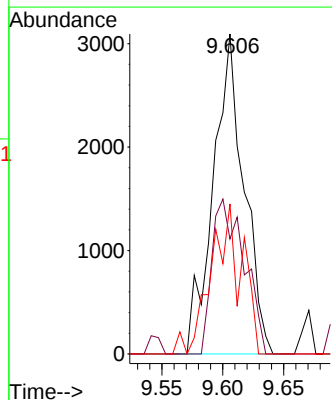
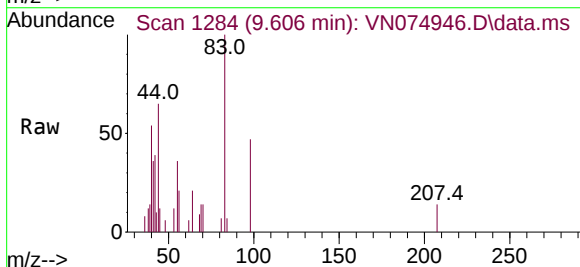
Instrument :
MSVOA_N
ClientSampleId :
IBLK

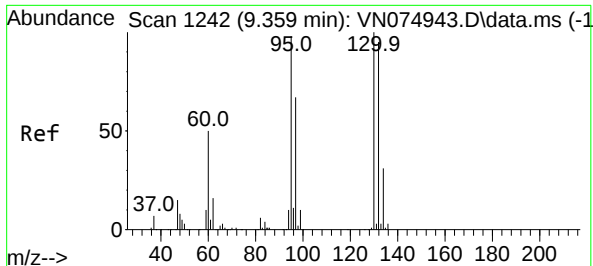
Tgt Ion:117 Resp: 94257
Ion Ratio Lower Upper
117 100
119 4.3 75.2 112.8#
121 0.0 27.0 40.6#



#39
Methylcyclohexane
Concen: 0.203 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 83 Resp: 5444
Ion Ratio Lower Upper
83 100
55 36.0 50.8 76.2#
98 46.9 38.8 58.2

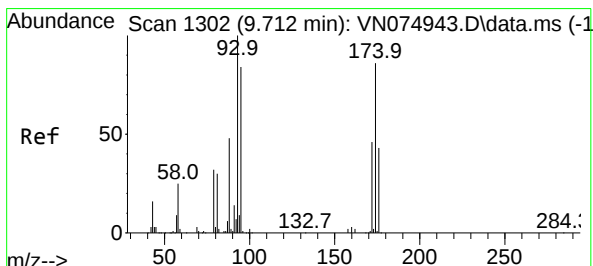
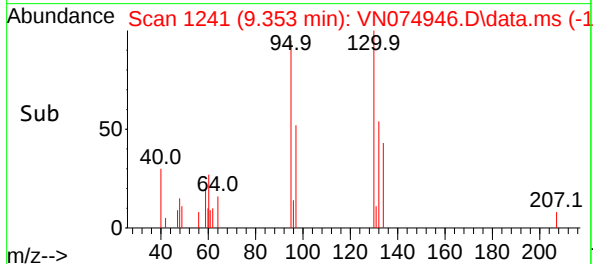
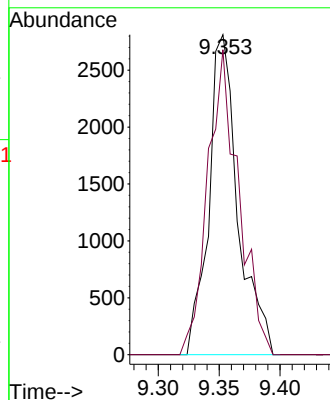
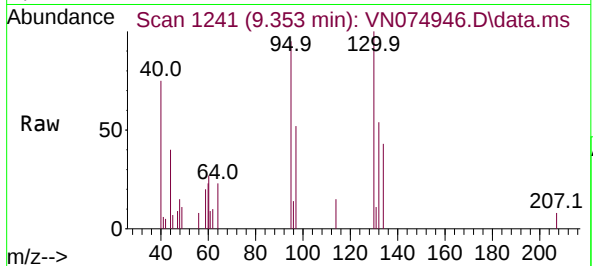




#44
Trichloroethene
Concen: 0.273 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

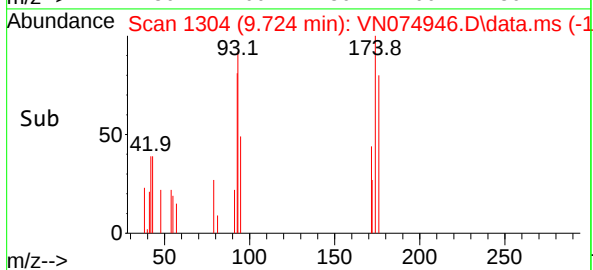
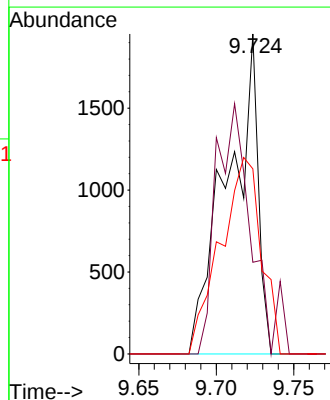
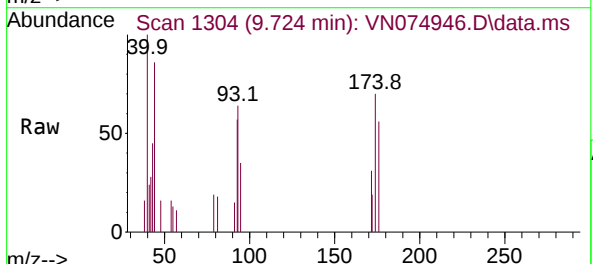
Instrument :
MSVOA_N
ClientSampleId :
IBLK

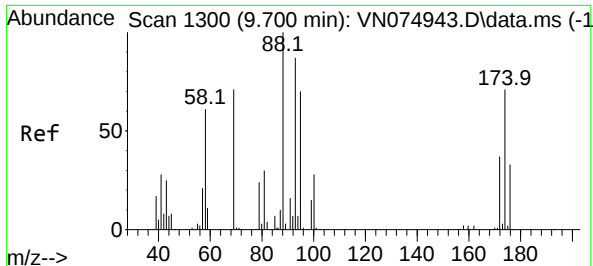
Tgt Ion:130 Resp: 4680
Ion Ratio Lower Upper
130 100
95 95.3 0.0 195.8



#46
Dibromomethane
Concen: 0.203 ug/l
RT: 9.724 min Scan# 1304
Delta R.T. 0.012 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 93 Resp: 2671
Ion Ratio Lower Upper
93 100
95 90.9 66.0 99.0
174 82.2 68.8 103.2





#49

1,4-Dioxane

Concen: 3.218 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

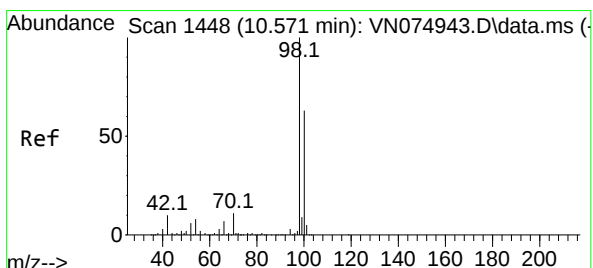
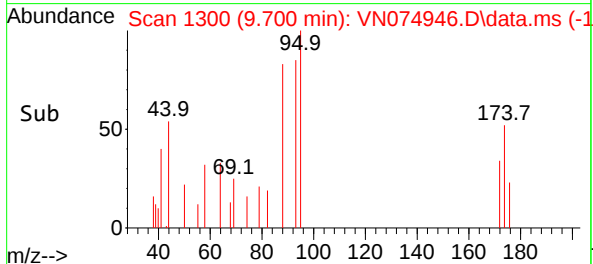
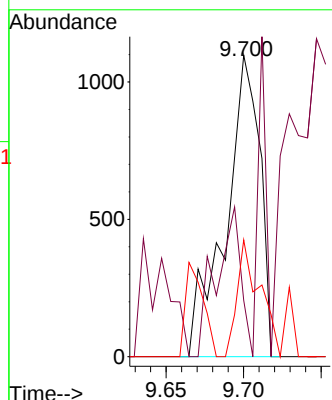
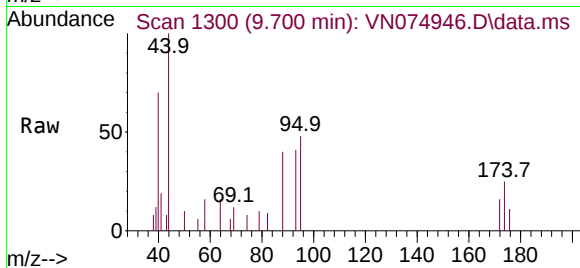
Tgt Ion: 88 Resp: 1683

Ion Ratio Lower Upper

88 100

43 36.1 21.1 31.7#

58 25.7 49.8 74.8#



#50

Toluene-d8

Concen: 25.124 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074946.D

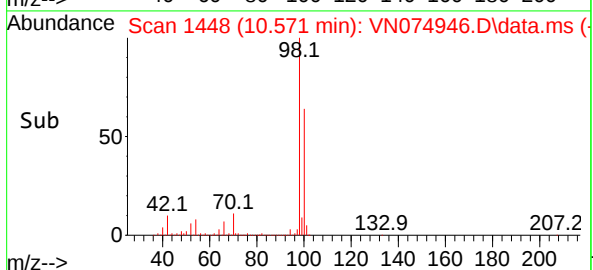
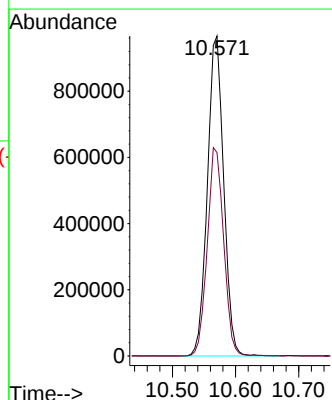
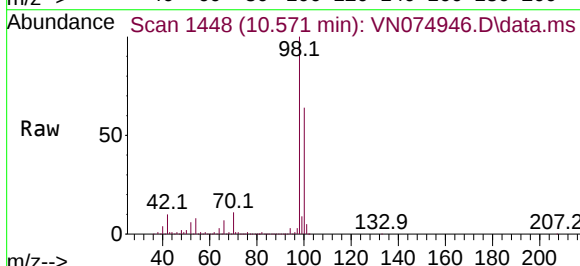
Acq: 20 Oct 2022 16:52

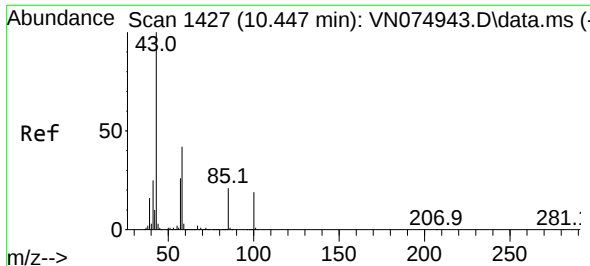
Tgt Ion: 98 Resp: 1733890

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.2

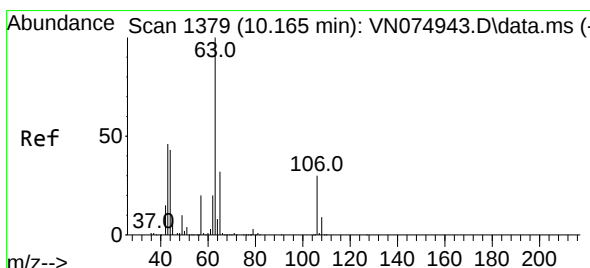
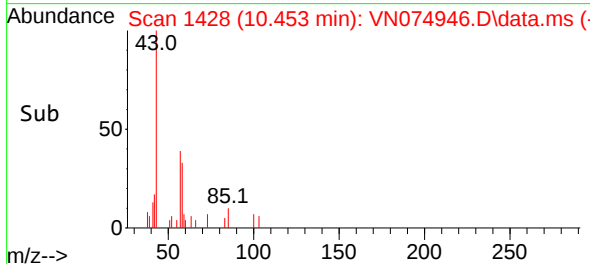
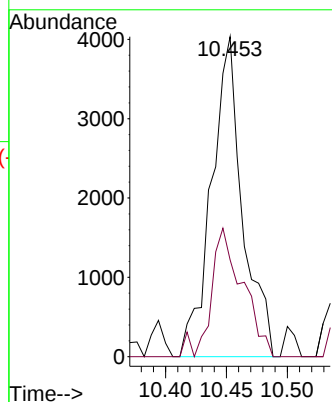
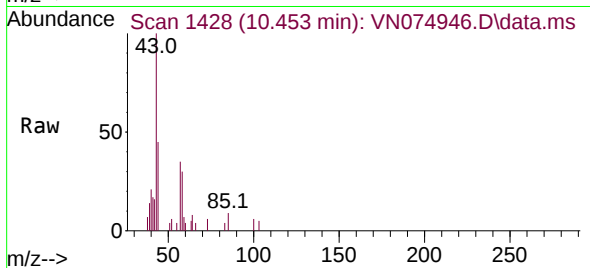




#51
4-Methyl-2-Pentanone
Concen: 0.261 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

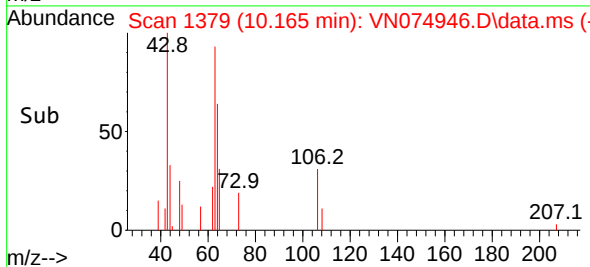
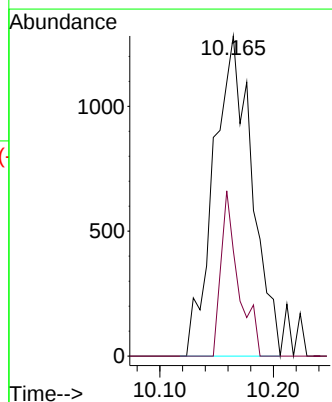
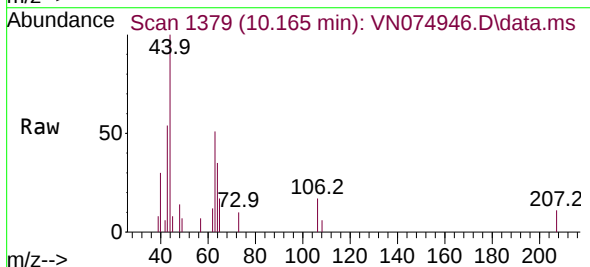
Instrument :
MSVOA_N
ClientSampleId :
IBLK

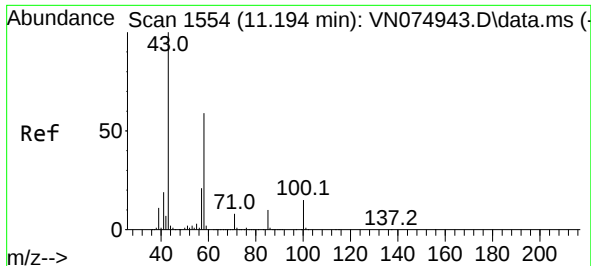
Tgt Ion: 43 Resp: 7155
Ion Ratio Lower Upper
43 100
58 40.7 33.6 50.4



#58
2-Chloroethyl Vinyl ether
Concen: 3.837 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 63 Resp: 2999
Ion Ratio Lower Upper
63 100
106 23.5 24.1 36.1#

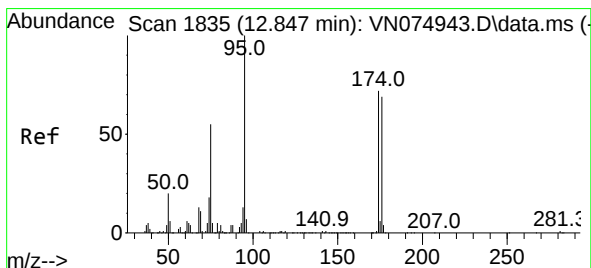
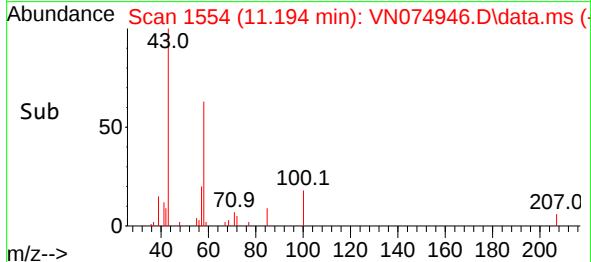
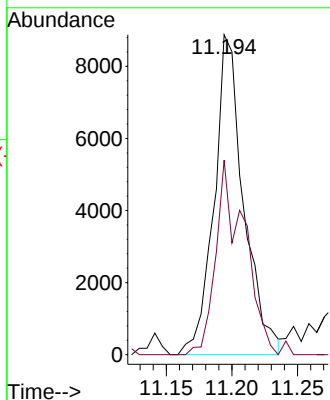
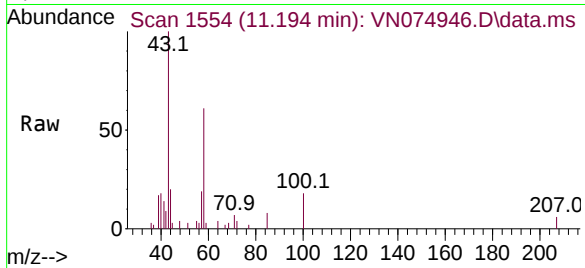




#59
2-Hexanone
Concen: 0.669 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

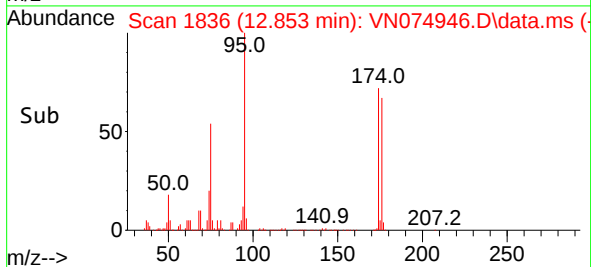
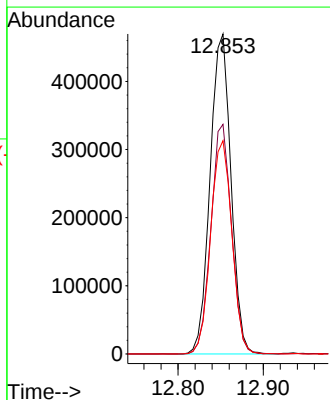
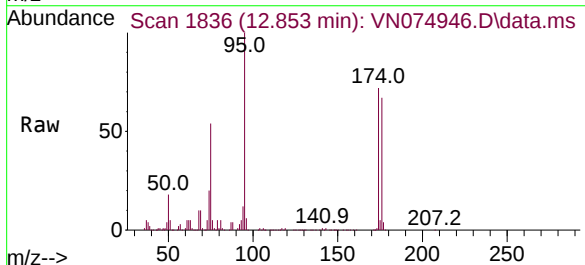
Instrument :
MSVOA_N
ClientSampleId :
IBLK

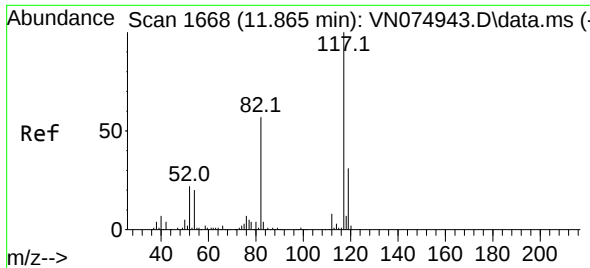
Tgt Ion: 43 Resp: 13913
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#62
4-Bromofluorobenzene
Concen: 32.774 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 95 Resp: 797844
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.0
176 68.1 0.0 138.2

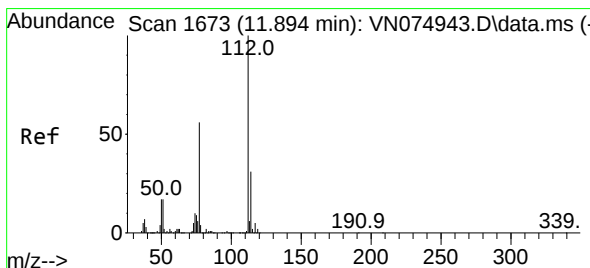
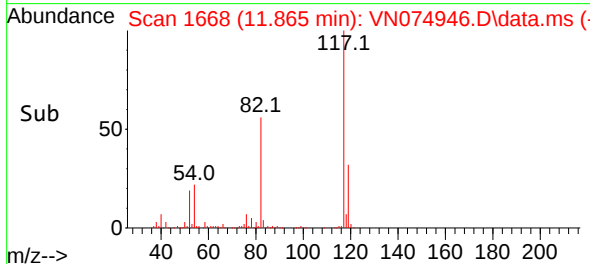
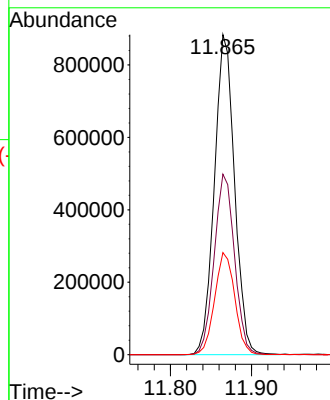
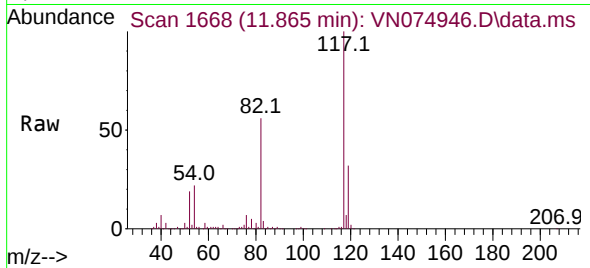




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

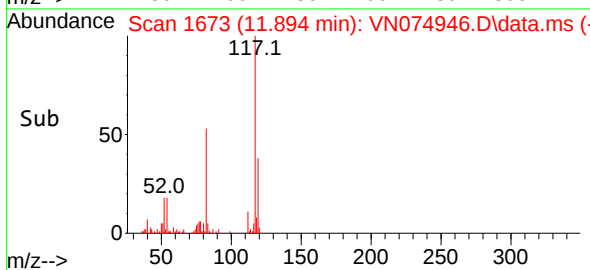
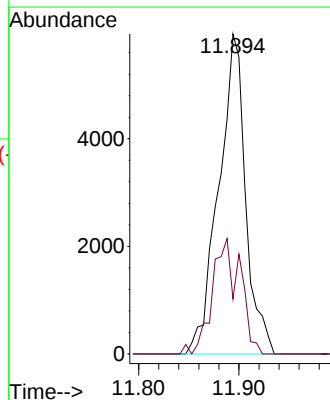
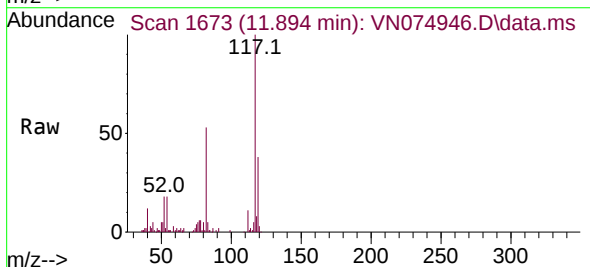
Instrument :
MSVOA_N
ClientSampleId :
IBLK

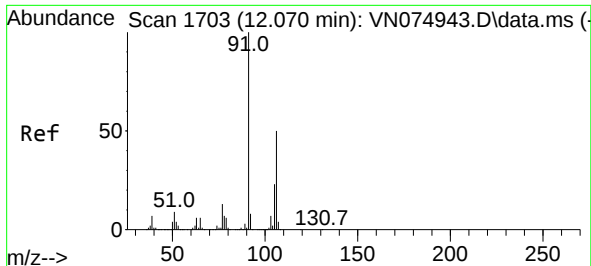
Tgt Ion:117 Resp: 1527031
Ion Ratio Lower Upper
117 100
82 56.4 45.6 68.4
119 31.9 25.1 37.7



#65
Chlorobenzene
Concen: 0.240 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion:112 Resp: 11088
Ion Ratio Lower Upper
112 100
114 17.2 25.0 37.6#

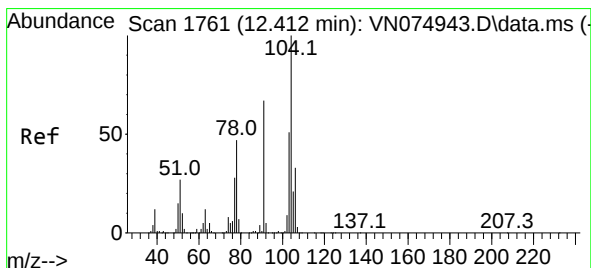
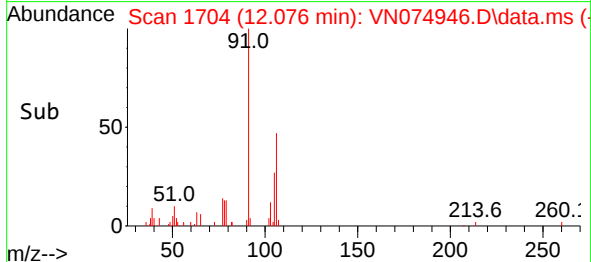
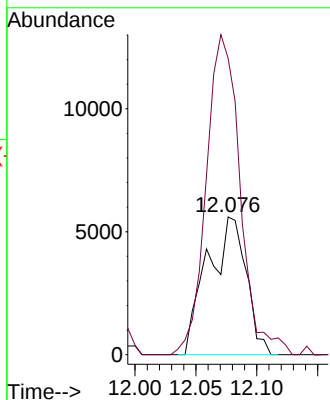
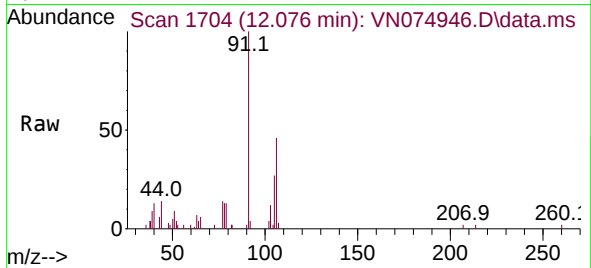




#68
m/p-Xylenes
Concen: 0.387 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

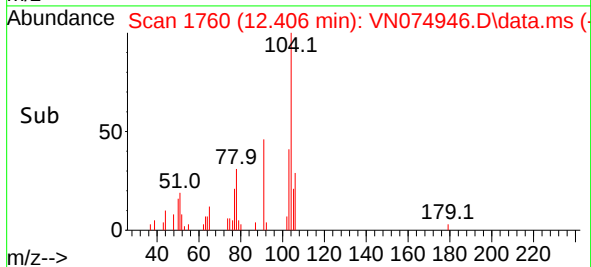
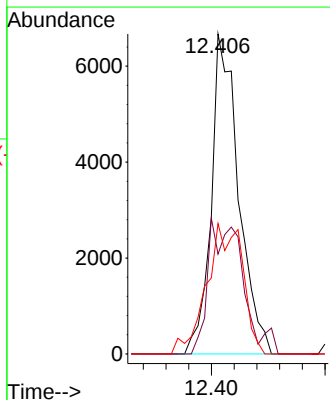
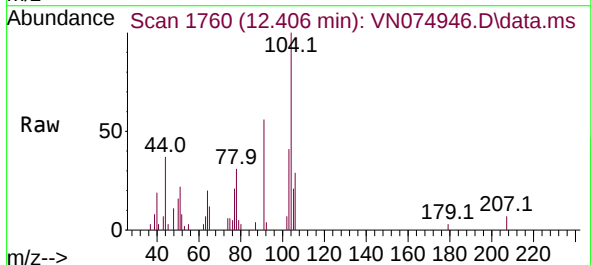
Instrument :
MSVOA_N
ClientSampleId :
IBLK

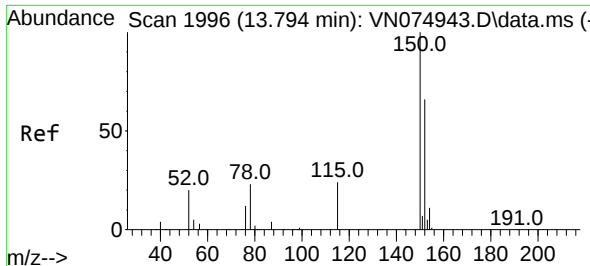
Tgt Ion:106 Resp: 12376
Ion Ratio Lower Upper
106 100
91 203.4 159.7 239.5



#70
Styrene
Concen: 0.220 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion:104 Resp: 11174
Ion Ratio Lower Upper
104 100
78 52.8 39.4 59.2
103 53.4 43.0 64.4

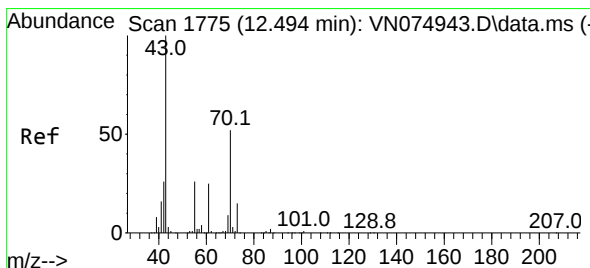
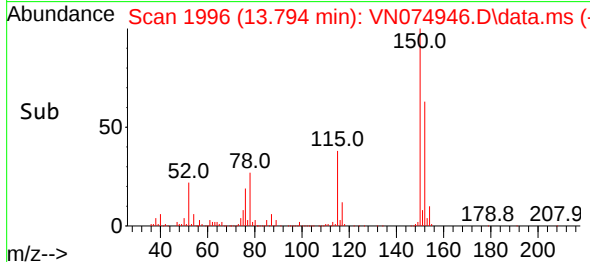
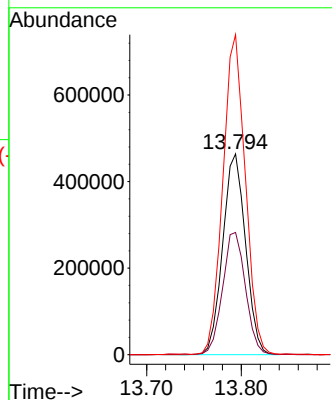
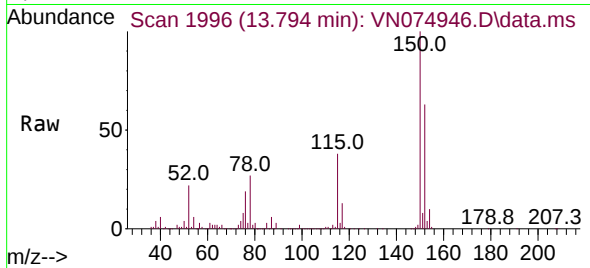




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

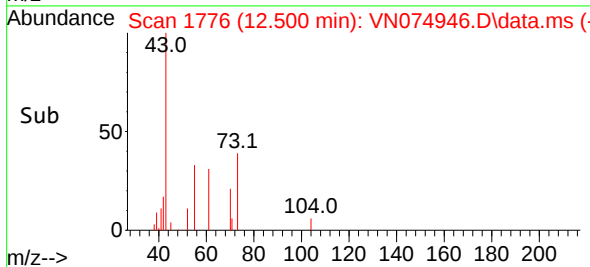
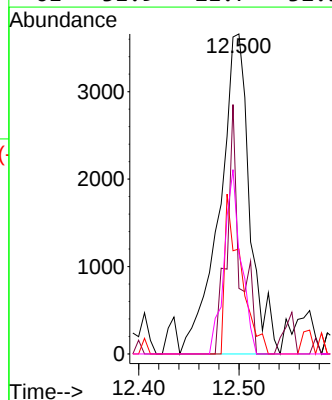
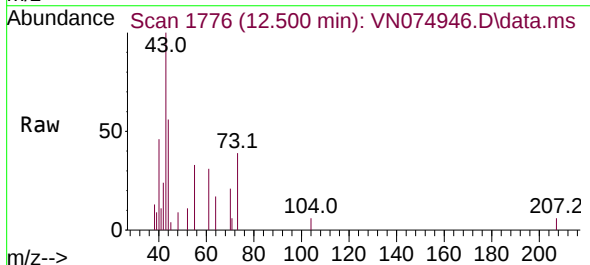
Instrument :
MSVOA_N
ClientSampleId :
IBLK

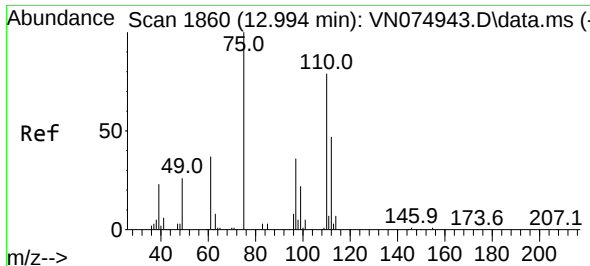
Tgt Ion:152 Resp: 777488
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 157.0 0.0 349.6



#74
N-ethyl acetate
Concen: 0.300 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 43 Resp: 7666
Ion Ratio Lower Upper
43 100
70 33.7 40.2 60.2#
55 26.5 20.6 31.0
61 31.9 21.7 32.5

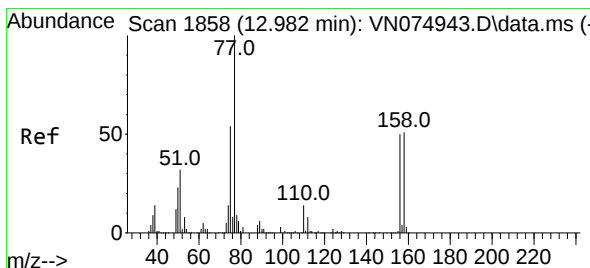
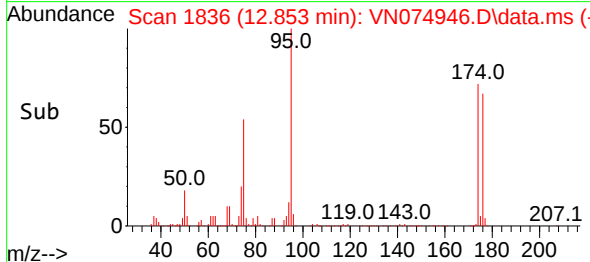
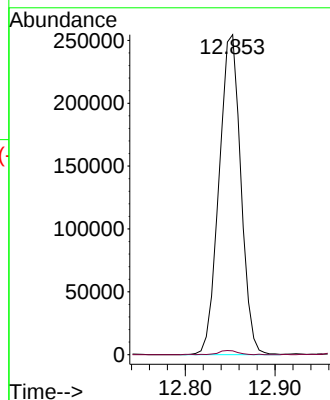
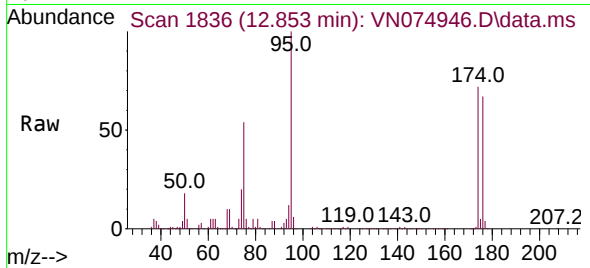




#76
1,2,3-Trichloropropane
Concen: 20.342 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

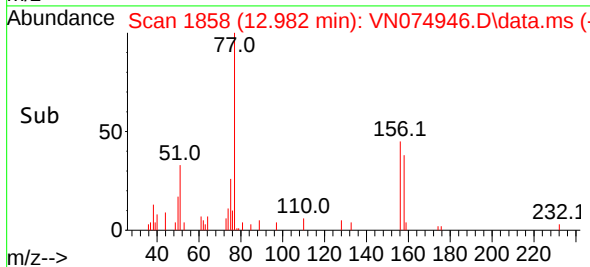
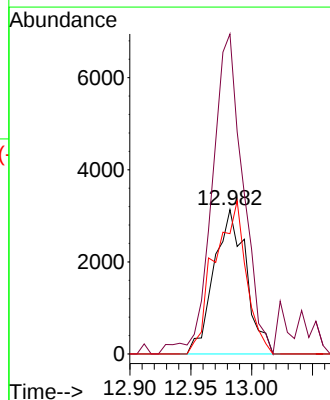
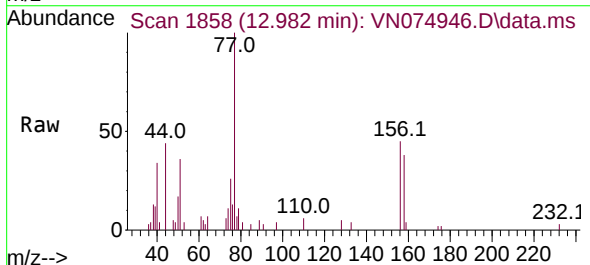
Instrument :
MSVOA_N
ClientSampleId :
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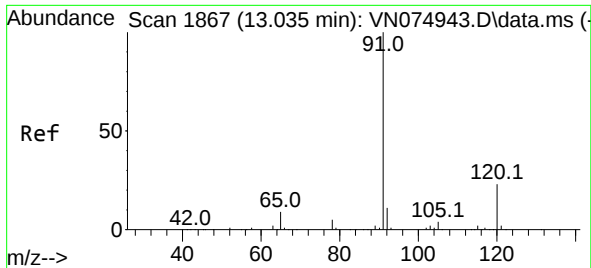
Tgt Ion: 75 Resp: 428911
Ion Ratio Lower Upper
75 100
77 1.2 81.0 243.0#



#77
Bromobenzene
Concen: 0.395 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion:156 Resp: 5756
Ion Ratio Lower Upper
156 100
77 214.1 117.1 351.3
158 105.1 48.3 144.9

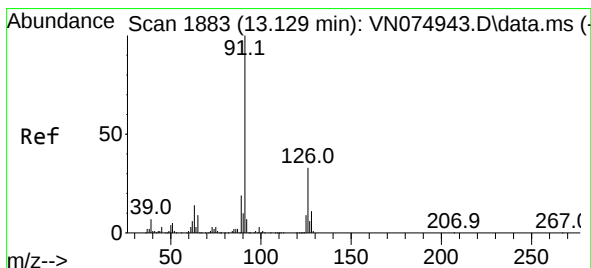
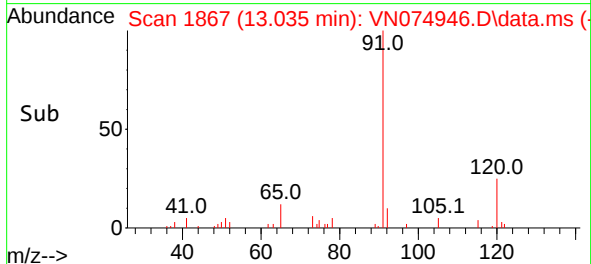
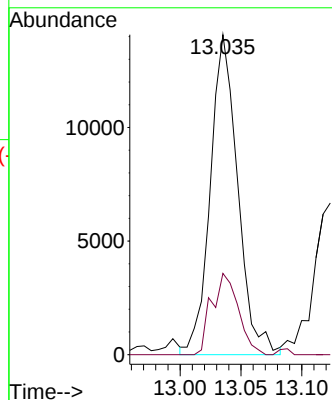
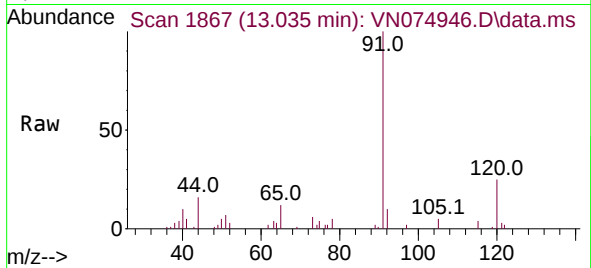




#78
n-propylbenzene
Concen: 0.298 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

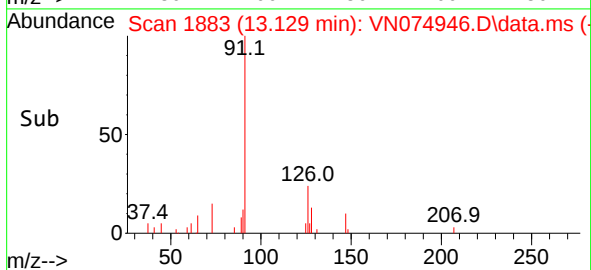
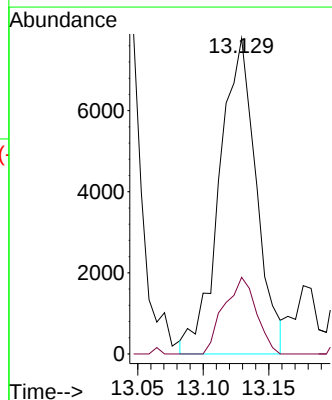
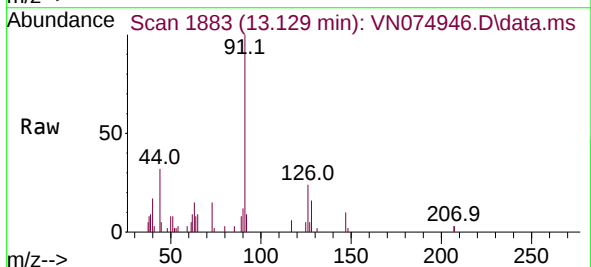
Instrument :
MSVOA_N
ClientSampleId :
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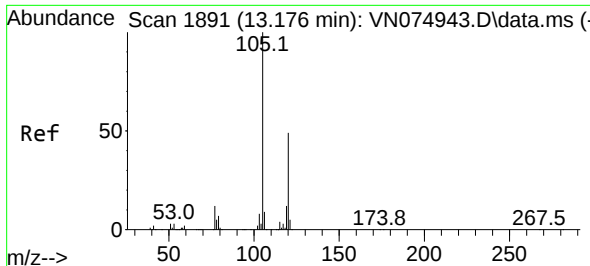
Tgt Ion: 91 Resp: 22118
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.330 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 91 Resp: 15181
Ion Ratio Lower Upper
91 100
126 21.3 17.0 51.0

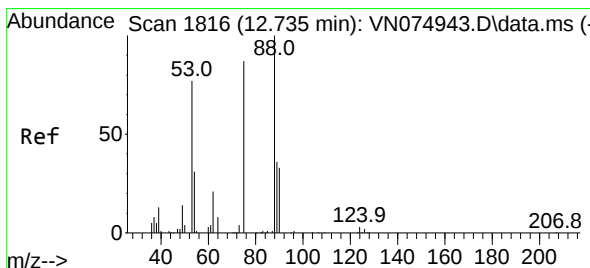
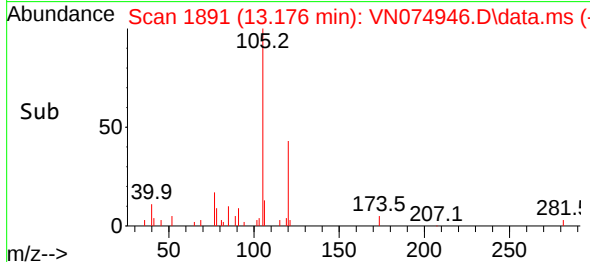
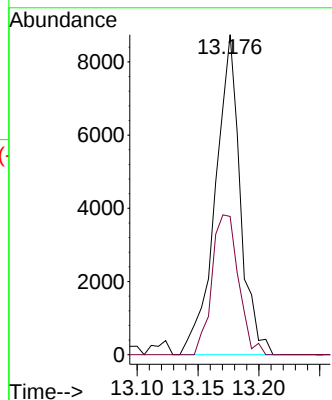
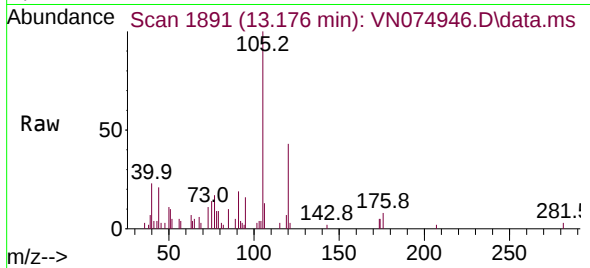




#80
 1,3,5-Trimethylbenzene
 Concen: 0.228 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN074946.D
 Acq: 20 Oct 2022 16:52

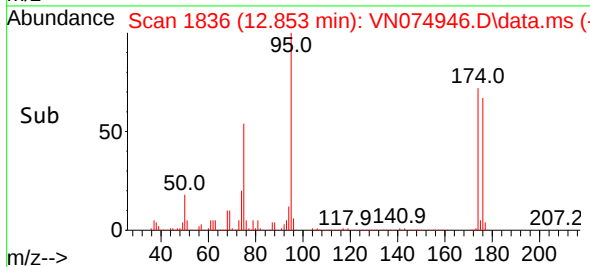
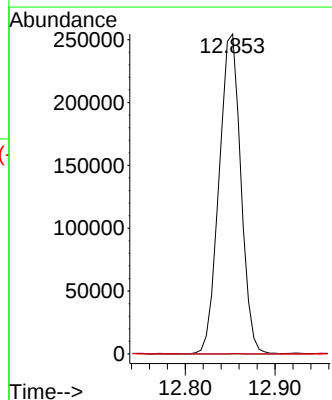
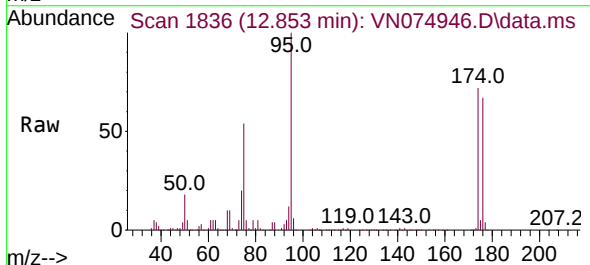
Instrument :
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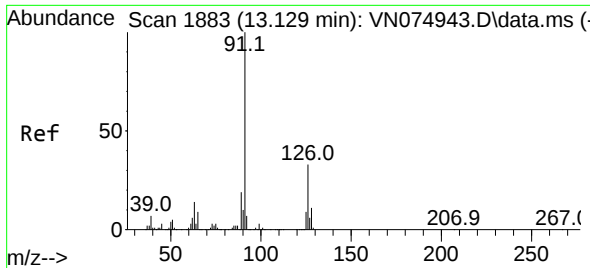
Tgt Ion:105 Resp: 12490
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.222 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN074946.D
 Acq: 20 Oct 2022 16:52

Tgt Ion: 75 Resp: 428911
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.2 118.8#
 89 0.0 37.9 56.9#

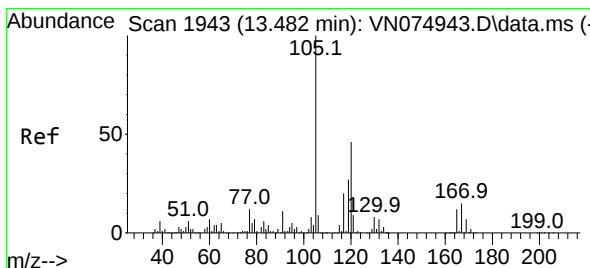
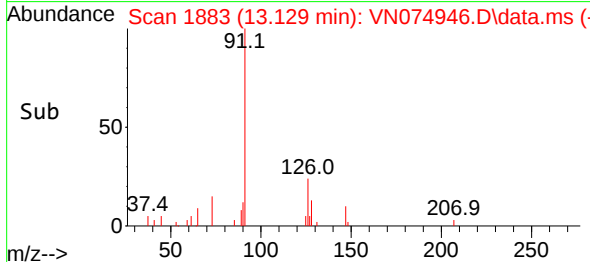
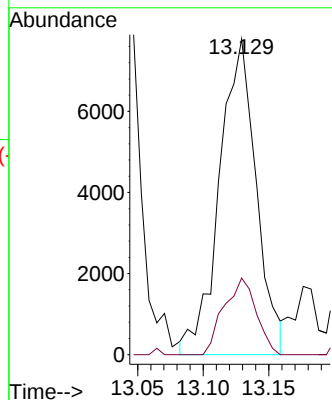
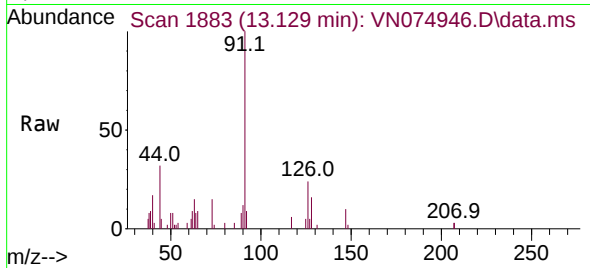




#82
4-Chlorotoluene
Concen: 0.330 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

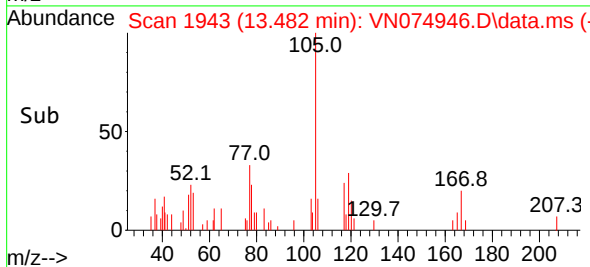
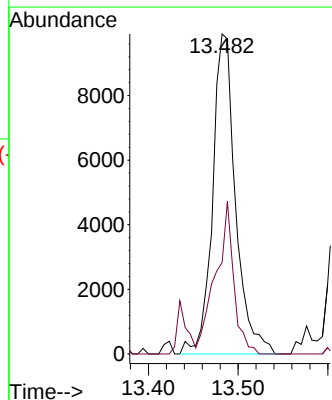
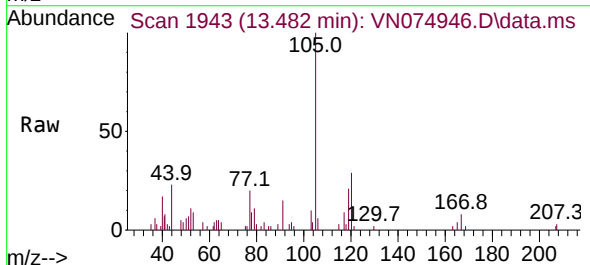
Instrument :
MSVOA_N
ClientSampleId :
IBLK

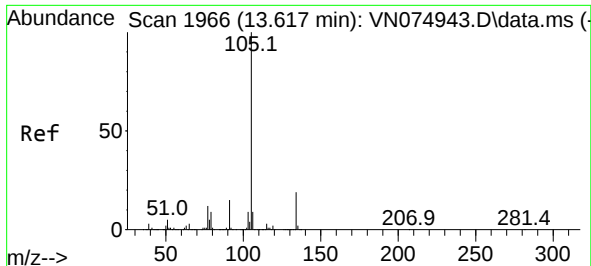
Tgt Ion: 91 Resp: 15181
Ion Ratio Lower Upper
91 100
126 21.3 17.0 51.0



#84
1,2,4-Trimethylbenzene
Concen: 0.318 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion: 105 Resp: 17636
Ion Ratio Lower Upper
105 100
120 37.7 22.9 68.5

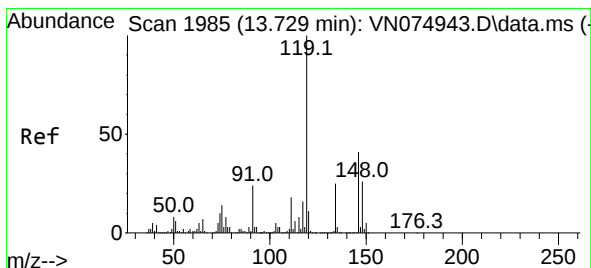
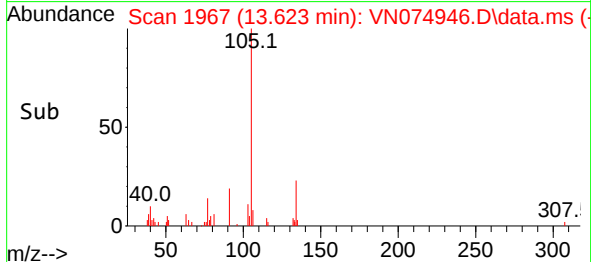
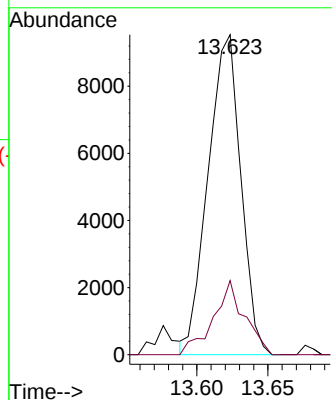
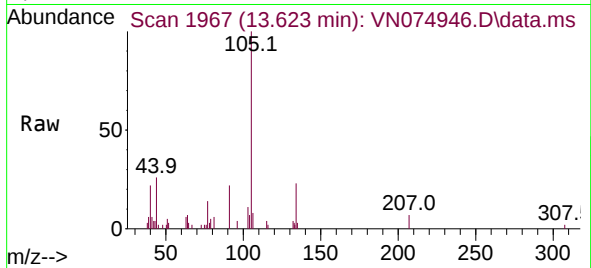




#85
 sec-Butylbenzene
 Concen: 0.224 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN074946.D
 Acq: 20 Oct 2022 16:52

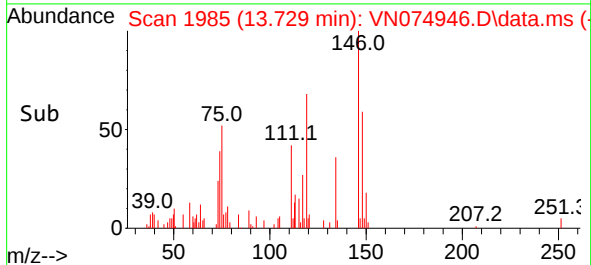
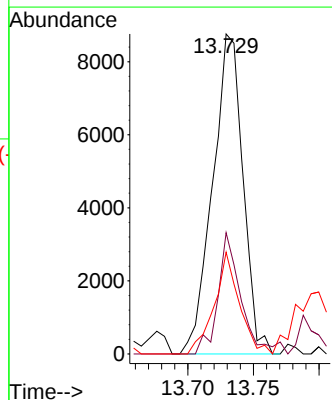
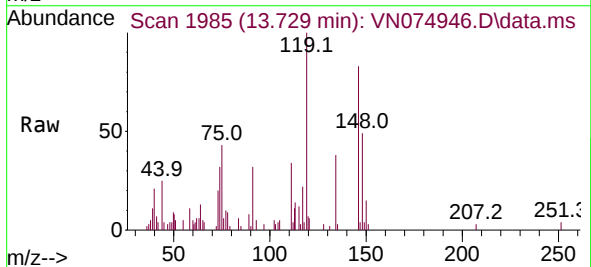
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

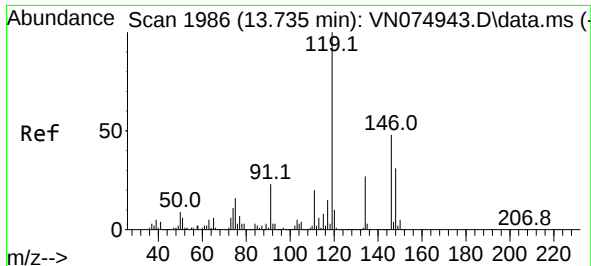
Tgt Ion:105 Resp: 15271
 Ion Ratio Lower Upper
 105 100
 134 22.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.251 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074946.D
 Acq: 20 Oct 2022 16:52

Tgt Ion:119 Resp: 14082
 Ion Ratio Lower Upper
 119 100
 134 28.6 12.9 38.7
 91 26.3 11.9 35.5

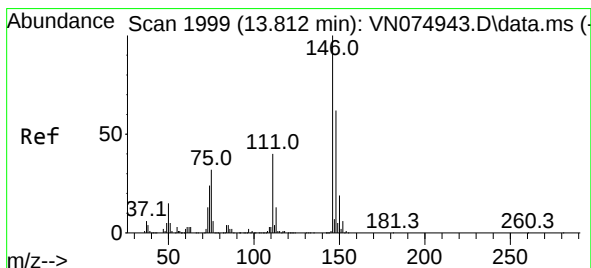
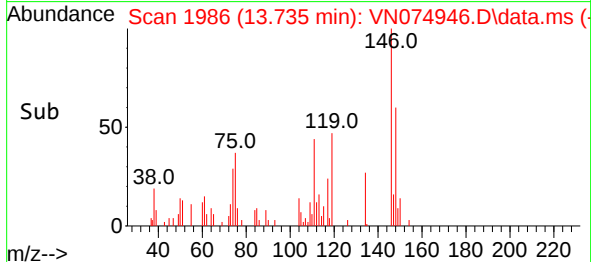
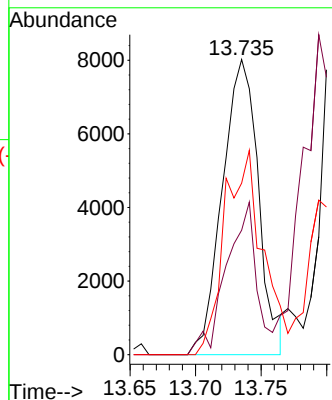
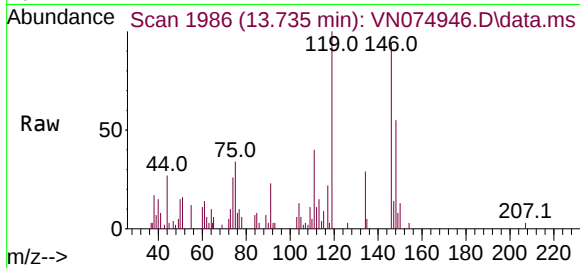




#87
1,3-Dichlorobenzene
Concen: 0.551 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

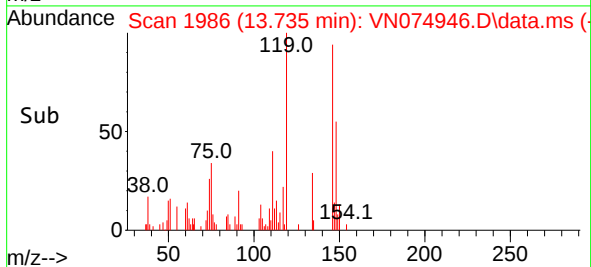
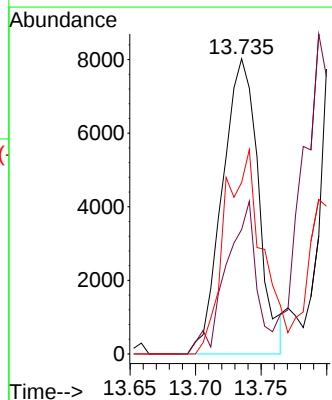
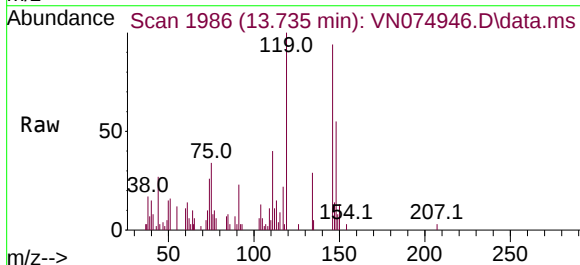
Instrument :
MSVOA_N
ClientSampleId :
IBLK

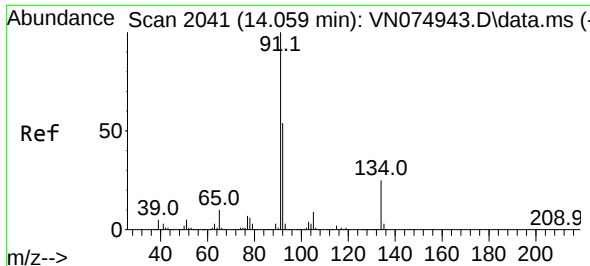
Tgt Ion:146 Resp: 15364
Ion Ratio Lower Upper
146 100
111 43.3 21.5 64.5
148 73.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 0.544 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.076 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion:146 Resp: 15364
Ion Ratio Lower Upper
146 100
111 43.3 20.3 61.0
148 73.0 32.3 96.9

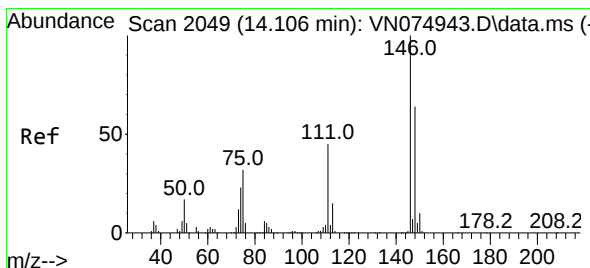
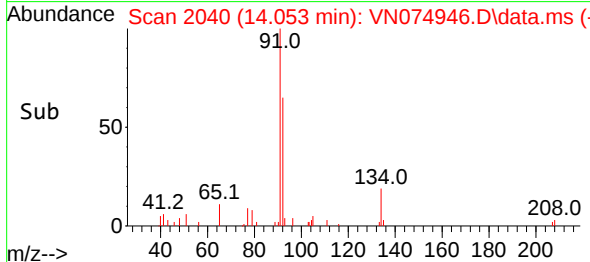
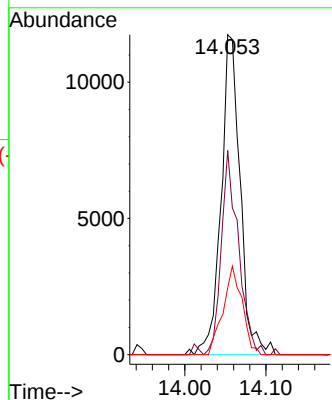
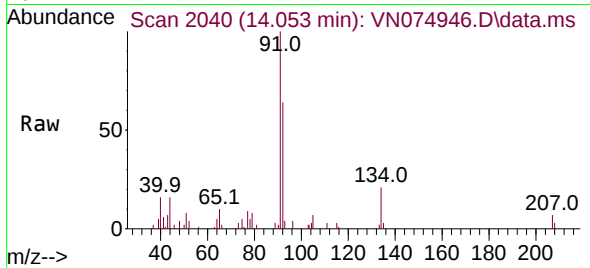




#89
n-Butylbenzene
Concen: 0.403 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

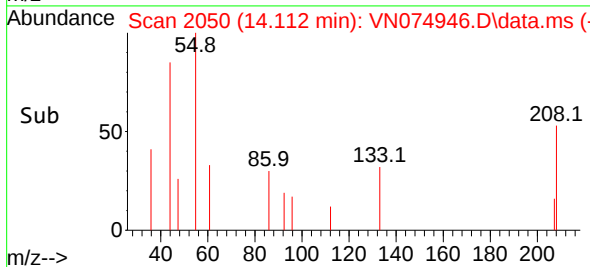
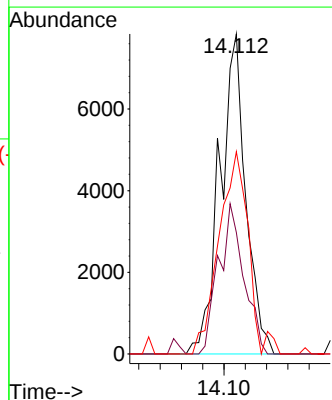
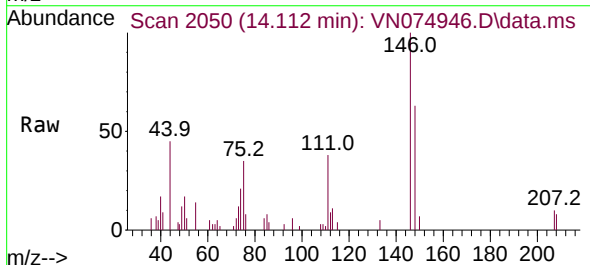
Instrument :
MSVOA_N
ClientSampleId :
IBLK

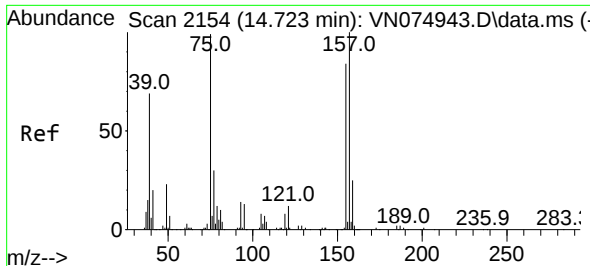
Tgt Ion: 91 Resp: 19317
Ion Ratio Lower Upper
91 100
92 56.9 26.3 78.9
134 27.5 12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 0.463 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN074946.D
Acq: 20 Oct 2022 16:52

Tgt Ion:146 Resp: 13219
Ion Ratio Lower Upper
146 100
111 46.1 22.2 66.6
148 72.1 31.9 95.5

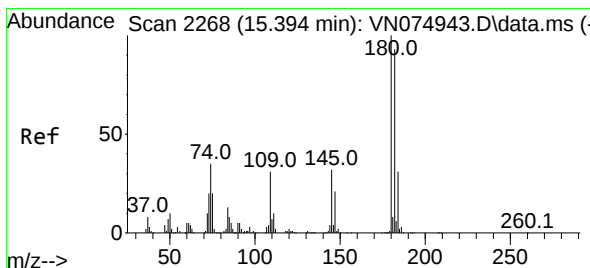
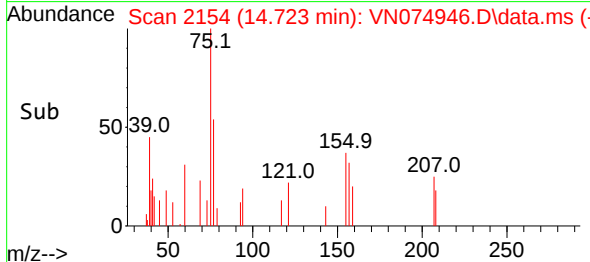
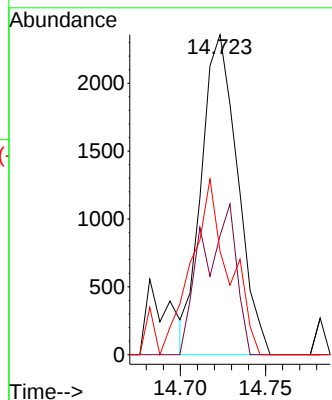
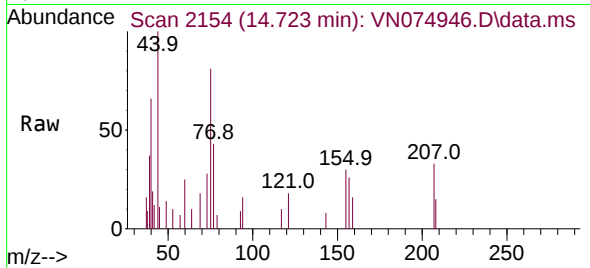




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.704 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VN074946.D
 Acq: 20 Oct 2022 16:52

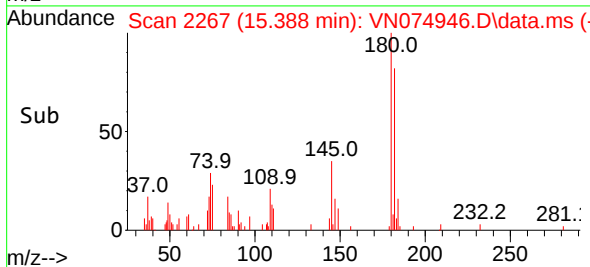
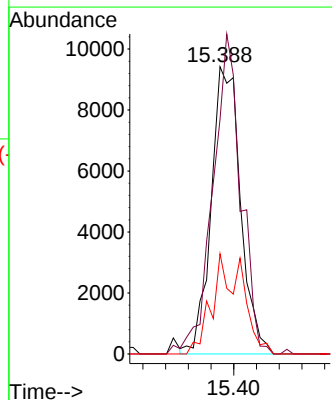
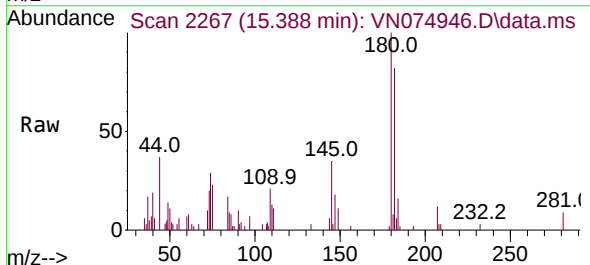
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

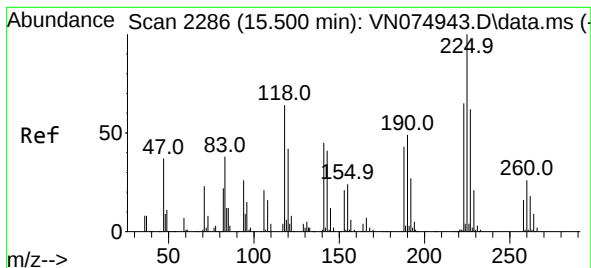
Tgt Ion: 75 Resp: 3467
 Ion Ratio Lower Upper
 75 100
 155 44.1 39.6 118.8
 157 56.7 47.8 143.4



#93
 1,2,4-Trichlorobenzene
 Concen: 1.361 ug/l
 RT: 15.388 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: VN074946.D
 Acq: 20 Oct 2022 16:52

Tgt Ion: 180 Resp: 16918
 Ion Ratio Lower Upper
 180 100
 182 106.2 46.6 139.7
 145 35.9 16.7 50.0





#94

Hexachlorobutadiene

Concen: 0.530 ug/l

RT: 15.511 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

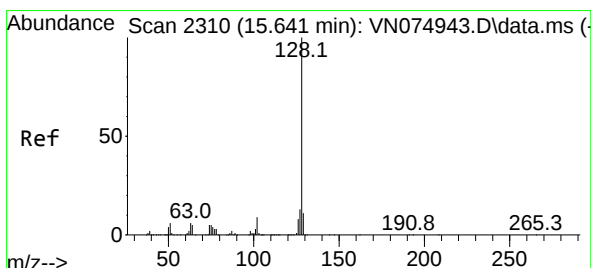
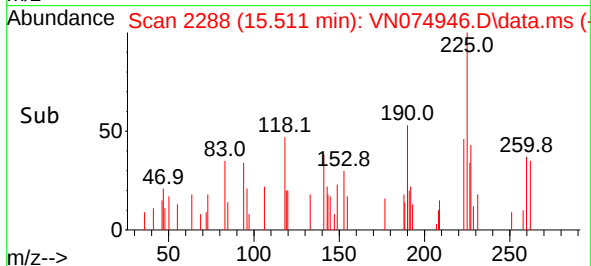
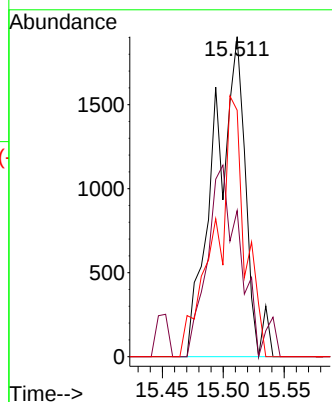
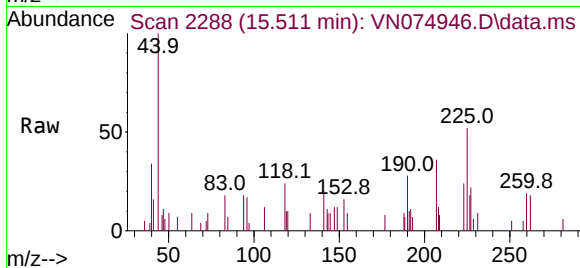
Tgt Ion:225 Resp: 3402

Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.5

227 76.5 31.4 94.0



#95

Naphthalene

Concen: 2.280 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN074946.D

Acq: 20 Oct 2022 16:52

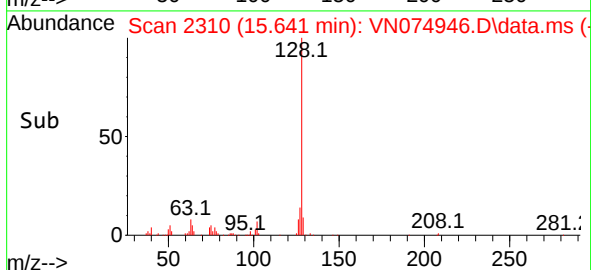
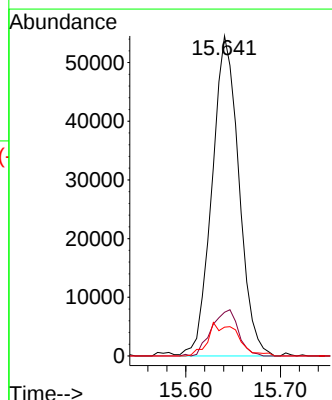
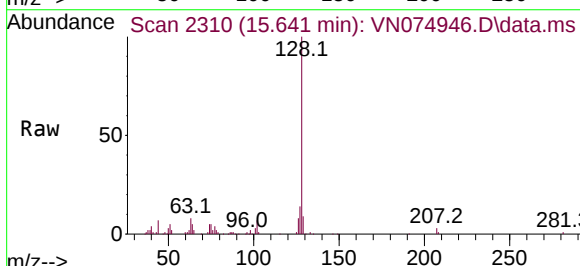
Tgt Ion:128 Resp: 107718

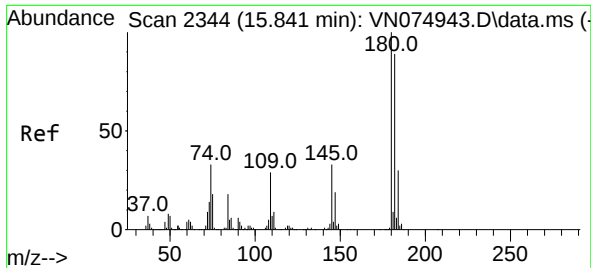
Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 11.4 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.857 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074946.D
 Acq: 20 Oct 2022 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180	Resp:	23226
Ion	Ratio	Lower Upper
180	100	
182	92.1	46.7 140.1
145	18.7	17.2 51.5

